STRATIGRAPHIC AND STRUCTURAL FRAMEWORK FOR DENALI NATIONAL PARK AND PRESERVE, CENTRAL ALASKA RANGE: IMPLICATIONS OF UPPER PALEOZOIC-CRETACEOUS STRATIGRPAHY FOR MESOZOIC TECTONICS AND PALEOGEOGRAPHY

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TABLE OF CONTENTS

LIST OF TABLES 6
LIST OF FIGURES 7
ABSTRACT 13
CHAPTER 1. INTRODUCTION 14
1.1 Chapter 2 background and key points 14
1.2 Chapter 3 background and key points 16
CHAPTER 2. TECTONIC GROWTH OF THE LATE PALEOZOIC-MESOZOIC NORTHWESTERN LAURENTIAN MARGIN: STRATIGRAPHIC, STRUCTURAL, AND PROVENANCE RECORDS FROM the CENTRAL ALASKA RANGE 18
2.1 Introduction 18
2.2 Geologic Background 19
2.2.1 Northern Cordilleran Terranes 19
2.2.2 Permo-Triassic Stratigraphy in the Northern Cordillera 20
2.3 Analytical Methods 23
2.3.1 U-Pb Geochronologic Analyses 23
2.3.2 Hf Isotopic Analyses 23
2.4 Results 24
2.4.1 Delineation of Stratigraphic Packages 24
2.4.2 Southern Package 25
2.4.3 Northern Package 27
2.5 Discussion 31
2.5.1 Detrital Zircon Provenance Interpretations 31
2.5.2 Regional Stratigraphic Relationships 32
2.5.3 Tectonic Synthesis 36
2.6 Conclusions 41
CHAPTER 3. DEPOSITION AND DEFORMATION OF THE LATE CRETACEOUS CANTWELL BASIN, CENTRAL ALASKA RANGE: POST-COLLISIONAL BASIN FORMATION IN THE ALASKA RANGE SUTURE ZONE 62
3.1 Introduction 62

3.2 Geologic Background 63
3.2.1 Regional Geologic Setting 63
3.2.2 Existing Structural and Stratigraphic Framework 64
3.3 Methods 67
3.3.1 Stratigraphic Nomenclature 67
3.3.2 Stratigraphic Analysis 67
3.3.3 Geologic Mapping 68
3.3.4 U-Pb Detrital Zircon Geochronology 69
3.4 Results 70
3.4.1 Type Section Stratigraphy – Polychrome Member 70
3.4.2 Type Section Stratigraphy – Cabin Creek Member 72
3.4.3 Correlation of Published Measured Sections 73
3.4.4 Interpretation of Depositional Environments 75
3.4.5 U-Pb detrital zircon geochronology 77
3.4.6 Geologic mapping/structural results 79
3.5 Discussion 83
3.5.1 Cantwell basin Depositional Model 83
3.5.2 Detrital Zircon Provenance Interpretations 85
3.5.3 Paleogeography of Late Cretaceous depocenters 90
3.5.4 Post-depositional Deformation of the Cantwell Basin 91
3.5.5 Implications for Regional Tectonics in the Alaska Range Suture Zone 92
3.6 Conclusions 94
REFERENCES 123
APPENDIX A. DETRITAL ZIRCON SAMPLE LOCATIONS 143
APPENDIX B. U-PB DETRITAL ZIRCON DATA FOR BASEMENT UNITS 144
APPENDIX C. HF ISOTOPIC DATA FOR BASEMENT UNITS 176
APPENDIX D. U-PB DETRITAL ZIRCON DATA FOR THE CANTWELL FORMATION. 177

LIST OF TABLES

Table 2.1. Evidence for Affinity of Cordilleran Terranes……..…….60
Table 2.2. Summary of potential silicic detrital zircon sources……...61
Table 3.1. Summary of Maximum Depositional Ages……..121
Table 3.2. Summary of Potential Paleozoic and Mesozoic Primary Detrital Zircon Sources……122

LIST OF FIGURES

Figure 2.1. Terrane map of the northern Cordillera modified from Nelson et al. (2013) and Romero et al. (2020)…….44

Figure 2.2. (A) Geologic map of the study area. Geologic mapping data is an updated compilation of mapping from this study, Reed (1961), Gilbert and Redman (1975), Csejtey et al. (1986, 1992), and the Alaska State map compilation of Wilson et al. (2015). The Northern package described in this text includes units TRcs and KJf. The Southern package described in this text includes units TRPs and TRbd. (B) Geologic cross-section along line A-A' based on field traverses along the Toklat River corridor. Detailed data constrains structures within Upper Cretaceous strata of the Cantwell Formation (Kc). First-order mapping of stratigraphic packages to the north and south provides context for stratigraphic analyses presented in this article. Letters a-e correspond to locations shown in field photos in Figures 4G and 5C. HCF = Hines Creek fault; DF = Denali fault…….45

Figure 2.3. Representative composite stratigraphic sections for the two stratigraphic packages analyzed in this study. Stratigraphic observations for all units were made at exposures along the Toklat River corridor (Figure 2.1)……..47

Figure 2.4. Field photographs of the Southern package: (A) 10-20 cm thick sandstone beds and minor shale characteristic of FA1. This section is overturned and beds shown in the photo are laterally continuous for tens of meters. Small white box in the lower right corner indicates the bed depicted in Figure 5B. Person for scale. (B) White arrow points to mud rip-ups at the base of an overturned sandstone bed. Pencil for scale. (C) Ripple cross-laminated sandstone interpreted as Tc subdivision of partial Bouma sequences in FA1. White arrows point to ripple cross-laminae. Pencil for scale. (D) Thinly interbedded sandstone and shale characteristic of FA2. Trekking pole in white box is 1 m long. (E) Evidence of ductile deformation in unit TRPs. White arrows point to two small-scale isoclinal fold hinges. Rock hammer for scale. (F) Pillow basalts of unit TRbd exposed along the west side of the Toklat River just north of the Toklat Road Camp. Person for scale……48

Figure 2.5. (A) Probability density plots showing U-Pb detrital zircon data. Histograms are binned by 20 million years. All maximum depositional ages (MDAs) listed were calculated using the three youngest grains overlapping within 2-sigma error (Dickinson and Gehrels, 2009) and previous biostratigraphic control is shown below (Csejtey et al., 1986 and references therein). The area under the shaded curves represent the probability density function. (B) Hf isotopic compositions paired with U-Pb age spectra for each respective sample from units TRPs and TRcs. The black arrow represents the average crustal evolution pathway assuming the modern 176Lu/177Hf = 0.0115 (Vervoort & Patchett, 1996; Vervoort et al.,1999). DM = depleted mantle (Vervoort & Blichert-Toft, 1999), CHUR = chondritic uniform reservoir (Bouvier et al., 2008)……50

Figure 2.6. Field photographs of the Northern package: (A) Interbedded sandstone and mudstone characteristic of unit TRcs exposed along the eastern side of the Toklat River. Rock hammer for scale in the white box. (B) Isoclinal folds in unit TRcs from the same outcrop shown in figure 4A. White arrows point to two fold hinges in the upper left corner of the frame. Person for scale in the

white box. (C) Angular unconformity between unit TRcs (right; South) and the Upper Cretaceous Cantwell Formation (left; North) exposed along the east side of the Toklat River. Trees for scale. Letter 'a' corresponds to the marked location on Figure 2B. (D) Deformed and foliated rocks of unit KJf. Note the isolated sandstone body (Sm) surrounded by folded mudstone (Fsm). Person for scale……52

Figure 2.7. Compiled U-Pb and Hf isotopic data from the Southern package (this study), Upper Mystic Assemblage as defined by Malkowski and Hampton (2014), Mystic (sub)terrane (Malkowski and Hampton, 2014; Dumoulin et al., 2018a), Alexander terrane (Cecil et al., 2011; Beranek et al., 2012, 2013a, 2013b; Tochilin et al., 2014; White et al., 2016), and the Wrangellia terrane (Beranek et al., 2014; Ruks, 2015; Gehrels and McClelland, published in Geisler et al., 2016). All U-Pb plots are normalized plots. The green-blue shaded rectangle represents the Silurian period and the red shaded rectangle represents the Mississippian and Permian periods. The black arrow represents the average crustal evolution pathway assuming the modern 176Lu/177Hf = 0.0115 (Vervoort & Patchett, 1996; Vervoort et al.,1999). DM = depleted mantle (Vervoort & Blichert-Toft, 1999), CHUR = chondritic uniform reservoir (Bouvier et al., 2008)……..…….53

Figure 2.8. Normalized plots for U-Pb detrital zircon ages from the Northern package (this study) and published ages from Upper Triassic strata of the Yukon Territory (Beranek et al., 2010b)……55

Figure 2.9. Paleogeographic reconstructions modified from Nelson et al. (2013) and Dumoulin et al. (2018a). For both time-steps, Farewell (FW) is shown in our preferred location (solid outline) and the location of Nelson et al. (2013) (dashed outline) after the model of Dumoulin et al., 2018a). FW1 and FW2 refer to two models for evolution of the Farewell terrane discussed in the text. (A) The intermontane and insular terranes are positioned in an archipelago along the western margin of the Slide Mountain Ocean. Farewell is most likely located along the eastern margin of the Alexander/Wrangellia terrane in the Early-Mid Permian during the Brown's Fork orogeny. The location of Figure 10, which shows a conceptual tectonic model for this time interval, is indicated by the black box. (B) The Slide Mountain Ocean has closed and the intermontane terranes are positioned along the western Laurentian margin. The faded red zone shows inferred recycling of strata from the Ellesmerian clastic wedge to the northwestern Laurentian margin. The location of Figure 11A, which shows a conceptual cross-section through the continental margin during the Late Triassic, is indicated by the black box. FW = Farewell; LAU = Laurentia; BAL = Baltica; KAZ = Kazakhstan; SIB = Siberia; AA = Arctic Alaska, EK = Eastern Klamaths; NS = Northern Sierras; OK = Okanagan; OM = Omulevka; PE = Pearya; QN = Quesnellia; RB = Ruby; ST = Stikinia; YR = Yreka……..56

Figure 2.10. Schematic cross-sections showing our preferred interpretation involving Early-Middle Permian collision between Farewell (FW) and the Alexander (AX) and Wrangellia (WR) terranes. (A) Final assembly of Alexander and Wrangellia. Farewell was probably located to the east, distance unknown. Magmatism is ongoing in the Skolai arc and more periodic magmatism is recorded by the Barnard and Donjek Glacier plutonic suites (Beranek et al., 2014). (B) Collision between Farewell and the Alexander-Wrangellia terrane. Submarine strata of the Mystic terrane including unit TRPs of the Southern package are actively deposited in the distal part of the clastic

wedge along the passive eastern margin of Farewell. AXa = Admiralty sub-terrane; AXc = Craig sub-terrane. ……58

Figure 2.11. Schematic cross-sections showing the configuration and tectonic context of Late Triassic-Jurassic depocenters recorded by the Northern package. (A) Unit TRcs is deposited along the outboard side of the intermontane terranes coeval with deposition of an overlap assemblage between the intermontane terranes and Laurentia (Murphy et al., 2006; Beranek and Mortenson, 2011). Initial magmatism was ongoing locally and contributed small Triassic populations to unit TRcs. (B) Unit KJf is deposited along the continental margin coeval with continental arc magmatism and deformation involving and inboard of the intermontane terranes. Recycling of sediment from the continental overlap assemblage was likely limited by new topography……59

Figure 3.1.: Generalized geologic map of south-central Alaska including U-Pb and Ar-Ar geochronological data for plutonic igneous rocks. Ages shown as a range represent multiple analyses at a given location. Modified from Brennan and Ridgway, 2015……96

Figure 3.2.: Geologic map of the study area derived from Keough et al. (2020) accompanied by a stratigraphic column showing Middle-Jurassic-Cenozoic stratigraphy of the study area. The locations of measured sections referenced in Figures 3.3. and 3.6. are labelled using their abbreviations……..……97

Figure 3.3.: Composite measured stratigraphic section depicting the type section of the Cantwell Formation. Note that section PC1 on the eastern flank of Polychrome Mountain is reported by Trop (1996); all other sections were measured as part of this study. Locations indicated by measured section abbreviations are as follows (also labelled on Figure 2): PC1L – Polychrome Mountain, south side; PC1 – Polychrome Mountain, east flank; RC1 – Polychrome Mountain, northeast flank; EF2 – East Fork River, west bank; CAB01 – Cabin Divide……...99

Figure 3.4.: Field photographs of the Polychrome Member in stratigraphic order. (A) Photo taken looking west-northwest of the depositional contact between the base of the Polychrome Member and Upper Triassic basalt (unit TRbd). The base of section PC1L is located at this contact on the south flank of Polychrome Mountain. (B) Interbedded sheet conglomerate, coarse sandstone, and minor siltstone characteristic of the lower Polychrome Member and section PC1. Person for scale in the white box. (C) *In situ* tree fossils preserved in the lower Polychrome Member (white arrows). Pebble-cobble conglomerate is concentrated around the base of the trees. Hammer for scale in the white box. (D) Interbedded sandstone, siltstone, and channelized granule conglomerate characteristic of the middle Polychrome Member, section RC1. Person for scale in the lower left corner. (E) Juvenile theropod trackway on the base of a coarse sandstone bed in the same stratigraphic section depicted in picture D. Finger for scale. (F) Interbedded carbonaceous mudstone (Fsm), thinly bedded fine-grained sandstone (Sr), and medium-grained, massive and trough cross-stratified sandstone (Sm). This combination of lithofacies is characteristic of the more mud-rich upper Polychrome Member, section EF2. Note sharp contacts between lithofacies. Person for scale. (G) Thinly bedded, ripple cross-laminated, fine-grained sandstone with mud drapes and organic-rich mats (Sr) surrounded by carbonaceous, nodular siltstone (Fsm), section EF2. Hammer for scale in the white box. (H) Carbonaceous siltstone with abundant organic matter

(Fsm) and lignite abruptly overlain by ripple cross-laminated, tabular sandstone (Sr). Hammer for scale in the white box……102

Figure 3.5.: Field photographs of the Cabin Creek Member. (A) Location of section CAB01. Tabular sandstone and mudstone beds. Sandstone beds feature sharp bases and scour surfaces. Stratigraphic up is to the left and the photo was taken facing southeast. Person for scale in the white box. (B) Symmetric ripples on the tops of steeply-dipping sandstone beds near section CAB01 in the Cabin Divide area. Note that ripples are present on the top of every sandstone bed into the background (white arrows). Stratigraphic up is to the left. Person for scale. (C) Close-up photo of symmetric ripples in the top of a sandstone bed in section CAB01. (D) Interference ripples on the top of a sandstone bed in section CAB01. (E) Photo taken facing west in the Cabin Divide area looking along-strike of section CAB01. Strata are deformed in tight chevron folds. White dashed lines trace bedding and black tadpole symbols shows bedding orientations. This style of deformation is characteristic of the Cabin Creek Member……104

Figure 3.6.: Stratigraphic correlation diagram correlating the type section of the Cantwell Formation with other published measured sections. The gradational contact between the Polychrome and Cabin Creek Members is used as a datum. The Cabin Divide fault (CDF) truncates stratigraphy along the northern basin margin and section MS1 is structurally isolated and in unconformable contact with Upper Triassic submarine strata below (TRcs)……106

Figure 3.7.: Composite probability density plots showing U-Pb detrital zircon spectra for the Polychrome and Cabin Creek Members. Maximum depositional ages (MDAs) were calculated using the weighted mean age of the youngest three grains overlapping within 2-sigma error for each composite dataset. Sample locations are marked on Figure 2, MDAs calculated using various methods for each sample are summarized in Table 1, and detailed description of results from individual datasets is provided in the text……108

Figure 3.8.: Detailed geologic map of the type area for the Cantwell Formation in the northwestern part of the basin. The location of this map is indicated on Figure 2. Key strikes and dips are shown along with fold axes. Strikes and dips and fold axes are compiled from our field mapping and the data of Gilbert and Redman (1975). The locations of measured sections that comprise the type section (Figure 3) are shown in red. Lines B-B' and C-C' mark the locations of cross-sections shown in Figure 9. See the legend for Figure 2 for unit symbols and colors……..109

Figure 3.9.: Summary of structural relationships in the northwestern Cantwell basin. Numbered labels mark the same structures between Figures 8, 9, and 10 and are referred to as 'locations' in the text. (A) Geologic cross-section west of the East Fork River along line B-B', shown in Figure 8. Fault propagation folds in the eastern part of the cross-section are disharmonic relative to an open syncline in the Teklanika Formation. An out-of-sequence thrust fault (location 5) to the north controls folding of the Teklanika Formation in the footwall. The shale-rich upper Polychrome Member and Cabin Creek Member are deformed in tight chevron folds in the footwall of the Cabin Divide fault (CDF). The frontal thrust fault of this thrust system is truncated by a modern oblique-slip fault, the Park Road fault (PRF). (B) Field photo of fault propagation folds in the Polychrome Member (Kcp) overlain by the Teklanika Formation (Pgtv). Photo taken facing east on the northeastern flank of Polychrome Mountain. The dashed white line traces bedding and black

tadpole symbols show the orientation of bedding. (C) Geologic cross-section east of the East Fork River and through Sable Pass following a break in section. Similar deformational styles are observed relative to Cantwell Formation stratigraphy as in section B-B'. The out-of-sequence thrust shown in section B-B' becomes the frontal thrust of the system with the Teklanika Formation (Pgtv) in the footwall (location 5). The PRF passes through Sable Pass with Neogene strata exposed to the south of the fault. (D) Photo taken looking east of an overturned, reclined anticline exposed along the east bank of the East Fork River in the Polychrome Member. Mafic dikes cross-cut stratigraphy at a high angle in the backlimb. Apparent dip resulting from an approximately 15º difference in the orientation of the outcrop face relative to the profile plane of the fold has resulted in this fold being described as "recumbent" in previous publications where it has been frequently documented. (E) Photo taken looking northwest at Sable Pass and the south side of Sable Mountain shows the Teklanika Formation (Pgtv) in the footwall of the frontal south-verging thrust fault. The PRF runs through the pass itself.……110

Figure 3.10.: Structural summary of the southern basin margin. Numbered labels mark the same structures between Figures 8, 9, and 10 and are referred to as 'locations' in the text. (A) Detailed geologic map of the Toklat River corridor. Key elements include a north-verging thrust fault that brings unit TRbd over Kcp (location 8). Movement of this thrust sheet is accommodated by a tear fault just east of the Toklat River (location 9). This tear fault juxtaposes the Teklanika Formation and unit TRbd (location 9). See the legend for Figure 2 for unit symbols and colors. (B) Geologic cross-section from A-A'. The structural configuration is characterized by a triangle zone defined by opposing thrust faults along the northern and southern basin margins, respectively. Due to the tear fault, this part of the Cantwell basin is relatively narrow and constitutes a different structural domain than the area east of the tear fault summarized in Figure 9. (C) Field photo taken looking northwest from the east branch of the upper Toklat River. Divide Mountain is comprised of unit TRbd carried north on the frontal thrust fault of the north-verging thrust belt that defines the southern basin margin. The tear fault is covered and runs off the right side of the photo……...112

Figure 3.11.: Block diagrams illustrating a three-stage depositional model for evolution of the Cantwell basin. (A) Deposition of the lower and middle Polychrome Member. Wet alluvial fans are sourced locally from the northern and southern basin margins and transition into braided fluvial systems. These fluvial systems merge into an axial and more distal system with localized ponding of water represented by the finer-grained parts of the middle Polychrome Member. (B) Deposition of the lower Polychrome Member and the transition to the Cabin Creek Member. A tidally influenced coastal fluvial system is associated with a marshy floodplain with ponding of water and reworking of fine-grained sediment. The most proximal part of an estuarine system is represented by the transition to the Cabin Creek Member. (C) Deposition of the Cabin Creek Member. An estuarine/tidal flat system is paired with widespread lacustrine deposits. Shallow, ephemeral channels occur in sand-dominated tidal flats during low tide. Other parts of a marginal marine system include deposition of oncolitic limestone near or within the subtidal zone……...114

Figure 3.12.: Normalized plots showing composite U-Pb detrital zircon data for possible secondary/recycled sources of detrital zircons. Data shown in plots D and E are from Keough and Ridgway (2020). Data shown in plot C are compiled from Hampton et al. (2007, 2010), Huff (2012), Hults et al., (2013), Box et al., (2019), and Romero et al. (2020)……116

Figure 3.13.: (A) Simplified map of modern exposures of upper Lower-Upper Cretaceous basinal strata and Upper Cretaceous-Paleogene arcs. Basin deposits shown in dark green represent the transition from marine to non-marine sedimentation following accretion of the WCT to the ancestral NAM. Basin deposits shown in light green are Campanian-Maastrichtian strata. These depocenters represent the establishment of a new convergent margin along the outboard margin of the WCT. Upper Cretaceous plutons shown in pink are intruded into the YCT, while Upper Cretaceous-Eocene plutons shown in pink are intruded into the WCT and ARSZ. These plutons represent the migration of arc magmatism following accretion of the WCT and include the central Alaska Range belt (CAR belt). (B) Paleogeographic map showing the configuration of Late Cretaceous depocenters. This configuration reflects a typical accretionary prism-forearc-arc-retroarc configuration represented by the Chugach accretionary complex, Upper Matanuska forearc strata, CAR belt of plutons, and Cantwell basin, respectively. The Cantwell basin is receiving sediment from arc sources both north and south of the basin, as well as exhumed plutonic sources intruded into the YCT (e.g., Taylor Mtn. batholith and Mississippian-Devonian augen gneiss). Sediment from the active arc is being shed into the forearc as well and probably recycled or bypassed into the accretionary prism. Sedimentation may have persisted into latest Cretaceous time in the Kuskokwim basin, though this part of the retroarc stratigraphic record is incomplete……117

Figure 3.14.: Simplified cross-sections showing progressive Late Cretaceous-Eocene deformation of the Cantwell basin. (A) The Cantwell Formation is deposited within a triangle zone. Syn-depositional deformation includes periodic uplift of the northern basin margin and thrusting along the southern basin margin, resulting in growth structures (Ridgway et al., 1997). At least in the western part of the basin, the Cantwell Formation is deposited unconformably over Upper Triassic basalt (TRbd). (B) Propagation of the northern margin thrust belt structurally isolates and folds part of the Polychrome Member (Kcp) in a syncline. The CDF propagates at least 3 km, placing Jurassic-Cretaceous submarine strata over the Cantwell Formation. The Cantwell Formation is deformed mainly by fault propagation folding. Propagation of some thrust faults along the northern basin margin results in unroofing of the Cantwell Formation, in some cases exposing unit TRbd. (C) The Teklanika Formation is deposited syn-deformationally over the Cantwell Formation, and in some places along the southern margin, over unit TRbd or other basement strata. (D) A shift to strike-slip deformation and initiation of the modern Hines Creek and Denali fault systems leads to truncation of both thrust belts. The northern margin thrust belt is reactivated in this transpressional regime by out-of-sequence thrusting, deforming the Teklanika Formation. The southern margin thrust belt becomes increasingly partitioned and the tear fault along the Toklat River forms, resulting in the emplacement of unit TRbd over the Cantwell Formation…….119

ABSTRACT

Paleozoic-Mesozoic stratigraphy exposed in the central Alaska Range includes a diverse assemblage of tectonostratigraphic basement terranes overprinted by late Mesozoic basin formation and Cenozoic strike-slip displacement. In this thesis, I present a stratigraphic and structural framework for upper Paleozoic-Cretaceous strata exposed in Denali National Park and Preserve. The stratigraphic architecture of the study area is characterized by two distinct Upper Paleozoic-Mesozoic stratigraphic packages that are unconformably overlain by the Upper Cretaceous Cantwell Formation. Sedimentological, provenance, and geologic mapping data suggest that one basement assemblage, the Northern package, consists of Upper Triassic-Lower Cretaceous submarine strata deposited along the northwestern Laurentian margin. The other assemblage, termed the Southern package, is exotic to the ancestral continental margin and is associated with Permian-Upper Triassic submarine strata of the Farewell terrane. Provenance data from this package place new constraints on the Late Paleozoic paleogeographic position of the Farewell terrane prior to its accretion to the continental margin, likely by the Late Jurassic. The results of geologic mapping along the Toklat River corridor show that the Northern and Southern packages are deformed and structurally juxtaposed within a triangle zone bounded by the Hines Creek and Denali fault systems. This is the best exposure of stratigraphy associated with the Farewell terrane juxtaposed with strata representative of the ancestral continental margin known to date.

New 1:24,000-scale geologic mapping coupled with a stratigraphic and provenance analysis of the Cantwell Formation provides new insights into sedimentation and deformation during the post-collisional phase of development of the Alaska Range suture zone (ARSZ). Results of this study define three stages of basin development. These stages are represented by alluvial-fluvial, tidally influenced fluvial, and marginal marine deposits, respectively. Results of geologic mapping record progressive Late Cretaceous-Eocene deformation of the Cantwell Formation in a triangle zone and the transition from compressional to strike-slip tectonics in the Eocene. This deformation coincides with regional exhumation of the ARSZ and reconfiguration of the paleo-southern Alaskan margin with the establishment of the modern convergent margin configuration.

CHAPTER 1. INTRODUCTION

In this thesis, I examine the stratigraphic and structural framework of Upper Paleozoic Cretaceous strata in Denali National Park and Preserve, Alaska. Results of this work provide new insights into the evolution of tectonostratigraphic terranes which underlie this region of the central Alaska Range, and Jurassic-early Cenozoic tectonic overprinting of these terranes through accretionary processes. Specific tectonic events and processes addressed through this work include the transport and accretionary history of the Farewell terrane, Late Triassic-Early Cretaceous sedimentation along the northwestern margin of Laurentia, and Late Cretaceous-Paleocene sedimentation and deformation in the Alaska Range suture zone. Chapter 2 establishes the first comprehensive stratigraphic and structural framework for Permian-Lower Cretaceous strata in Denali National Park and Preserve and uses U-Pb detrital zircon geochronology to relate sediment provenance to the paleogeographic configuration and tectonic evolution of the northwestern Laurentian margin. This chapter will be submitted for publication in *Tectonics*. In Chapter 3, I present a robust chronostratigraphic and structural framework for the Late Cretaceous Cantwell basin. This work includes integration of new and published stratigraphic data with detailed geologic mapping and provenance analysis using U-Pb detrital zircon geochronology. This chapter will be submitted for publication in *Geosphere*; both chapters were coauthored with my advisor, Dr. Kenneth Ridgway. Since chapters 2 and 3 are independent research articles intended for peer-reviewed publication, there will be some overlap between geologic background and methods material.

1.1 Chapter 2 background and key points

While the Late Jurassic-Cretaceous accretionary history of south-central Alaska has been well-studied, the preceding geologic configuration of the northwestern margin of Laurentia is far less constrained. This is in large part due to overprinting of basement terranes during the late Mesozoic accretion of the Wrangellia composite terrane (WCT) (e.g., Nokleberg et al., 1985; Ridgway et al., 2002; Trop and Ridgway, 2007) and Cenozoic strike-slip displacement on the order of hundreds of kilometers (e.g., Lowey, 1998). This chapter will focus on addressing the

stratigraphic record of the evolution and assembly of tectonostratigraphic terranes exposed in the central Alaska Range.

Regional mapping studies have suggested that understudied strata exposed in Denali National Park and Preserve (DENA) may be associated with terranes of contrasting affinity (e.g., Jones et al., 1983; Csejtey et al., 1986, 1992). Strata exposed along the northern margin of the study area are thought to be associated with the northwestern Laurentian margin (Sherwood and Craddock, 1979; Till et al., 2007), while strata exposed along the southern margin have been tentatively correlated with the Farewell terrane, an accreted crustal fragment (Jones et al., 1983). These critical relationships have gone untested, though they carry great implications for the evolution of the northwestern margin of Laurentia. The design of this study is intended to further test these first-order correlations through sedimentological and provenance analysis and geologic mapping. The resulting stratigraphic and structural framework provides a reference frame for Upper Paleozoic-Lower Cretaceous stratigraphy in this part of the central Alaska Range and is the basis for regional tectonic correlations and interpretations.

The Farewell terrane has been best-studied in the western Alaska Range and remains a less-understood aspect of southern Alaskan geology. Faunal evidence from lower Paleozoic strata suggest that the Farewell terrane originated in the paleo-Arctic with potential ties to the Siberian craton and northern Laurentia (e.g., Blodgett et al., 2002; Dumoulin et al., 2002). Recent models for the late Paleozoic paleogeographic location of the Farewell terrane include two different interpretations. One model locates the Farewell terrane along the southern margin of the Siberian craton (Nelson et al., 2013), while the other places the Farewell terrane in the paleo-Pacific in proximity to or in contact with the Alexander and Wrangellia terranes (Malkowski and Hampton, 2014; Dumoulin et al., 2018a). In this study, I further test these hypotheses using U-Pb detrital zircon geochronology to determine the provenance of strata associated with the Farewell terrane. This provenance analysis allows for informed estimates of the Late Paleozoic-Mesozoic paleogeographic location of the Farewell terrane relative to other Cordilleran terranes.

Strata associated with the northwestern margin of Laurentia provide important new insights into the Late Triassic-Jurassic configuration of the continental margin. Isolated exposures of Upper Triassic-Jurassic strata in northern British Columbia, the Yukon Territory, and Alaska have provided clues as to the configuration of depocenters along the continental margin at this time, though coeval strata in Alaska remain poorly integrated with the stratigraphic record along strike.

In this study, I integrate the stratigraphic record exposed in the study area with published data from these other disparate strata using sedimentology and modern provenance analysis. This work results in a more complete model for sedimentation along the Laurentian margin with specific insights into the transition from a passive margin to a convergent margin and large-scale sediment recycling in northwestern Laurentia.

Close examination of these two distinct stratigraphic assemblages raises several questions regarding the timing and tectonic processes associated with their juxtaposition. In particular, the timing of accretion of the Farewell terrane to the continental margin remains a key outstanding question in the northern Cordillera. Few locations if any provide such a direct and well-exposed record of juxtaposition of strata associated with the Farewell terrane against strata associated with the Laurentian margin. Results of this study are most consistent with accretion of Farewell to the Laurentian margin in the Late Jurassic, though further work is necessary to test this hypothesis.

1.2 Chapter 3 background and key points

The Cantwell basin contains the most complete and well-exposed stratigraphic record of latest Cretaceous sedimentation in south-Central Alaska. The Cantwell basin is thought to have formed in response to post-collisional crustal deformation during terminal suturing of the WCT to the ancestral North American margin (e.g., Ridgway et al., 1997; 2002; Trop et al., 2019). Previous studies of the Cantwell basin have established a framework for the main depositional environments in the basin and composition-based sediment provenance (Trop and Ridgway, 1997; Ridgway et al., 1997). These data have helped to place the Cantwell basin within a regional tectonic context as a collisional thrust-top basin (Ridgway et al., 1997). However, a modern chronostratigraphic and detailed structural framework has not been established for the basin. This framework is necessary to develop a detailed depositional model, apply provenance data to Late Cretaceous paleogeographic reconstructions, and reconstruct the sequence of deformation of the Cantwell basin.

The stratigraphic framework presented in this study is an integration of new sedimentological data with published measured sections of Trop (1996) and Ridgway et al. (1997). I begin by establishing a type section that captures all key lithofacies and stratigraphic transitions within the ~4 km-thick Cantwell Formation. I divide the type section into two stratigraphic members, the Polychrome and Cabin Creek Members, and correlate published measured sections

with these members. Integration of various forms of age control including published palynological constraints, published U-Pb ages for bentonites, and new maximum depositional ages for 13 detrital zircon samples, adds a new perspective to the timing of sedimentation and changes in depositional environments recorded by the basin. These data are synthesized in a three-part depositional model through which I examine the paleogeographic setting of the Cantwell basin using U-Pb detrital zircon geochronology to constrain sediment provenance.

This stratigraphic framework was used to conduct new 1:24,000-scale geologic mapping and a compilation of regional geologic mapping data. I specifically present detailed structural data for the western part of the basin, where I define a previously unrecognized structural domain characterized by a triangle zone. Three geologic cross-sections provide insight into the timing and style of deformation along the northern and southern basin margins in the most continuously exposed outcrop belt of the Cantwell Formation. Integration of structural and stratigraphic data then allows for an analysis of progressive deformation of the Cantwell basin from the Late Cretaceous through the Early Eocene.

This stratigraphic and structural framework has immediate tectonic implications, and also provides a robust foundation for future multi-disciplinary studies in the Cantwell basin. Since early work on the Cantwell basin identified the Cantwell Formation as Late Cretaceous in age, abundant bird, dinosaur, and fish fossils have led to efforts to understand the evolution of paleofauna, flora, and climate at a relatively high northern paleolatitude. Intra-basinal integration of these datasets and inter-basinal correlations with coeval records globally has been hindered by a lack of chronostratigraphic context. Results of this study document progressive Late Cretaceous-Eocene upper crustal deformation coeval with exhumation of the Alaska Range suture zone, as well as the transition from compressional to strike-slip tectonics in the Eocene. This deformation coincides with a regional reconfiguration of the paleo-southern Alaskan margin with the establishment of a convergent margin along the outboard side of the WCT.

CHAPTER 2. TECTONIC GROWTH OF THE LATE PALEOZOIC-MESOZOIC NORTHWESTERN LAURENTIAN MARGIN: STRATIGRAPHIC, STRUCTURAL, AND PROVENANCE RECORDS FROM THE CENTRAL ALASKA RANGE

2.1 Introduction

The late Paleozoic-mid Mesozoic paleogeography of the western margin of Laurentia remains a less-studied aspect of the tectonic development of the North American Cordillera.
To date, the better-studied tectonic events in the northern Cordillera are related to the mid-Mesozoic and Cenozoic accretion of allochthonous terranes such as the Wrangellia composite terrane (e.g., Nokleberg et al., 1985; Trop and Ridgway, 2007) and the Yakutat microplate (e.g., Plafker et al., 1994; Eberhart-Phillips et al., 2006; Finzel et al., 2011; Worthington et al., 2012). In large part due to the overprinting of these more recent events, we have learned far less about the previous late Paleozoic-early Mesozoic continental margin which served as the backstop for these events. This is especially true in the northern Cordillera where extensive strike-slip faulting has dismembered the former continental margin. The goal of this article is to better connect these now-separated pieces of the late Paleozoic-early Mesozoic continental margin with a focus on the sedimentary basin record of the tectonic processes responsible.

During this time interval, growth of the continental margin was predominantly driven by accretion of intraoceanic arcs, rifted crustal fragments, and emplacement of subduction-related complexes (e.g., Colpron and Nelson, 2009; Beranek and Mortenson, 2011; Nelson et al., 2013). The result of this long history of accretion-driven tectonics is a diverse assemblage of tectono-stratigraphic terranes linked by a variety of structural and stratigraphic relationships (Figure 2.1.) (Coney et al., 1980). Terranes accreted to the northwestern margin of Laurentia in the late Paleozoic and Mesozoic are thought to have variable provenance or affinity (Table 2.1.). Some are linked to western Laurentia (peri-Laurentian/peri-cratonic terranes), whereas terranes considered to have ‘Arctic’ affinity are thought to have been transported great distances with faunal, magmatic, and provenance ties to the Baltican and Siberian cratons, as well as northeastern Laurentia (Colpron et al., 2007; Colpron and Nelson, 2009; Nelson et al., 2013).

The geology of the central Alaska Range is particularly interesting because basement assemblages are thought to represent terranes of both Arctic and peri-Laurentian affinity. This

presents the opportunity to test hypotheses surrounding the juxtaposition of these terranes through accretionary processes. For example, the Farewell terrane, best exposed in the western Alaska Range, is generally considered to have formed along the southern margin of the Siberian craton during the early Paleozoic (e.g., Dumoulin et al., 2002). However, multiple models now exist surrounding the late Paleozoic paleogeographic position of Farewell and its proximity to the Laurentian margin (e.g., Nelson et al., 2013; Malkowski and Hampton, 2014; Dumoulin et al., 2018a). In the central Alaska Range, strata thought to correlate with the Farewell terrane are juxtaposed against Upper Triassic-Lower Cretaceous submarine strata thought to have been deposited along the Laurentian margin (Figure 2.2., units TRcs and KJf) (e.g., Sherwood and Craddock, 1979; Csejtey et al., 1992; Till et al., 2007). These relationships remain largely untested, though their implications may include constraints on the paleogeographic location and timing of accretion of exotic crustal fragments such as Farewell to the ancestral North American margin.

In this study, we closely examine these untested regional correlations with new stratigraphic, structural, and provenance data from strata exposed in Denali National Park and Preserve (DENA). These data suggest that two lithologically distinct stratigraphic packages with contrasting provenance signatures are structurally juxtaposed within the study area (Figure 2.1.). Our data provide a stratigraphic reference frame for late Paleozoic-Mesozoic stratigraphy in the central Alaska Range and allow for more robust connections between isolated and deformed pieces of the continental margin from the western Alaska Range to British Columbia. Specifically, results of this study provide new insights into the late Paleozoic transport history of the Farewell terrane and the evolution of Late Triassic-Jurassic depocenters relative to first-order tectonic processes that shaped the northwestern margin of Laurentia.

2.2 Geologic Background

2.2.1 Northern Cordilleran Terranes

Table 2.1. outlines well-established frameworks for the affinity of northern Cordilleran terranes (Figure 2.1.). This information is derived from comprehensive reviews and syntheses (Colpron, 2007; Colpron and Nelson, 2009; Nelson et al., 2006, 2013) and is the basis for comparison of stratigraphic and geochronological datasets throughout the Cordillera. The northern Cordillera has long been recognized as a complex assemblage of tectonostratigraphic terranes

(Coney et al., 1980; Jones et al., 1983). Most terranes were originally considered to be fault-bounded crustal blocks that evolved independent of one another prior to accretion to the western margin of Laurentia. However, more recent structural, stratigraphic, and geochronological studies have shown that relationships between Cordilleran terranes can be more specifically elucidated by understanding magmatic processes along terrane margins (e.g., Israel et al., 2014), stratigraphic overlap assemblages (e.g., Murphy et al., 2006; Beranek and Mortenson, 2011; Geisler et al., 2016), and crustal-scale suture zones (e.g., Ridgway et al., 2002; Brennan et al., 2011). These relationships reveal that terranes such as the insular terranes (Wrangellia composite terrane), previously thought to have evolved independently for most of their histories, likely evolved together as early as the early-middle Paleozoic (e.g., Israel et al., 2014).

2.2.2 Permo-Triassic Stratigraphy in the Northern Cordillera

Yukon Territory and British Columbia

Uppermost Permian-Middle Triassic stratigraphy in the Yukon and British Columbia record accretion of the intermontane terranes to the western Laurentian margin following closure of the Slide Mountain Ocean (e.g., Beranek and Mortenson, 2011; Nelson et al., 2013). Marine strata exposed mainly in southwestern Yukon are interpreted to represent a foreland-style basin built on the Laurentian margin (Beranek and Mortenson, 2011). This basin, termed the Klondike basin, received arc-derived detritus largely from arcs built on accreting terranes including Yukon-Tanana, Stikinia, and Quesnellia (Beranek and Mortenson, 2011). These strata were subsequently thrust onto the ancestral North American margin and are mostly exposed as klippe.

Upper Triassic marine strata are commonly interpreted to represent an overlap assemblage that onlapped the North American margin, buried the Slide Mountain ocean suture, and at least partially buried Yukon-Tanana and possibly other intermontane terranes (Murphy et al., 2006; Beranek and Mortenson, 2011). Unique detrital zircon populations found in Upper Triassic strata include Neoproterozoic and other early Paleozoic and Proterozoic grains likely not sourced from proximal Laurentian rocks. Beranek et al. (2010b) proposed that these grains were probably originally derived from the Caledonides and the Baltican craton before being progressively recycled from the Ellesmerian clastic wedge. Additional detrital zircon populations include Late

Permian ages attributed to exhumation of the Klondike arc, an intraoceanic arc built on Yukon-Tanana. Middle-Late Triassic ages are potentially derived from a young continental arc related to a newly established subduction zone along the outboard margin of the peri-Laurentian terranes following accretion to the Laurentian margin (Beranek and Mortenson, 2011).

South-central and Eastern Alaska

Upper Triassic strata in central and eastern Alaska include marine strata exposed on both sides of the Denali fault throughout the Alaska Range (map unit TRcs of Csejtey et al., 1986, 1992), as well as metamorphosed oceanic strata of the Seventymile terrane in the Yukon-Tanana uplands (Hansen and Dusel-Bacon, 1998; Dusel-Bacon and Harris, 2001). Both units were originally considered to be part of Yukon-Tanana, but it has since become clear that the history of Triassic strata in Alaska is not Yukon-Tanana stratigraphy (Hansen and Dusel-Bacon, 1998; Till et al., 2007). Both units yield Carnian-Norian conodonts and megafossils which suggest a shared depositional setting in a warm marine basin (Sherwood and Craddock, 1979; Umhoefer, 1984; Csejtey et al., 1986, 1992; Dusel-Bacon and Harris, 2001; Till et al., 2007).

Additional Upper Triassic strata in south-central Alaska include the Chulitna terrane in the Colorado Creek area on the south side of the Alaska Range, and the Honolulu Pass Formation in the northwestern Talkeetna Mountains (Csejtey et al., 1992; Bundtzen et al., 1997; Hampton et al., 2007). These units are comprised of Carnian-Norian pillow basalt, limestone, chert, and volcaniclastic strata. Hampton et al. (2007) tentatively correlated these units based on common marine lithologies and fossil occurrences and interpret both units as deposited along the margin of an intraoceanic arc. Unstudied Carnian-Norian pillow basalts and minor marine siliciclastics are also exposed in the study area in DENA (Csejtey et al., 1992).

Southwestern Alaska

In the western Alaska Range, Permian strata are part of the Mystic (sub)terrane of the Farewell terrane. These strata are comprised mainly of submarine fan deposits derived from arc-related and recycled orogen sources (Malkowski and Hampton, 2014). Recent U-Pb detrital zircon analyses have been interpreted to suggest that sediment was likely derived from the Alexander and Wrangellia terranes, though this interpretation remains controversial (Malkowski and Hampton,

2014; Dumoulin et al., 2018a). The Permian Mt. Dall conglomerate represents a non-marine depocenter within the Mystic terrane and has been interpreted as a foreland basin formed during the Early Permian Brown's Fork orogeny (Bradley et al., 2003). This hypothesized orogenic event was further supported by 285-284 Ma white mica ages in basement rocks of the Farewell terrane interpreted to represent metamorphism of the hinterland. The tectonic setting of the Brown's Fork orogeny remains highly enigmatic, though some workers have suggested that it may have involved a collision between the Farewell terrane and the Insular terranes (Beranek et al., 2014).

The Upper Triassic part of the Mystic (sub)terrane is characterized by pillow basalts, basalt flows, and marine sedimentary rocks (e.g., Dumoulin et al., 2018a). The same Carnian-Norian succession in the Tatina River area has also been referred to as the Tatina River volcanics (Bundtzen et al., 1997). These strata include a carbonate succession followed by chert and mudstone, pillow basalt, and minor conglomerate (Silberling et al., 1997; McRoberts and Blodgett, 2002; Dumoulin et al., 2018a). Trace element geochemical data for basalts in the western Alaska Range best match a continental rift setting (Dumoulin et al., 2018a), though the tectonic setting of the Farewell-Mystic terrane during the Late Triassic remains unclear.

Jurassic-Cretaceous Sedimentary Basins

A suite of Jurassic-Early Cretaceous sedimentary basins associated with accretion of the insular terranes/Wrangellia composite terrane (WCT) are exposed from British Columbia to western Alaska (e.g., Trop and Ridgway, 2007). In the central Alaska Range and northern Talkeetna mountains, the Kahiltna Assemblage is interpreted as a closed ocean basin that once separated the Yukon Composite Terrane (YCT) and WCT. The southern part of the basin, including exposures in the Talkeetna Mountains, Clearwater Mountains, and western Alaska Range received detritus mainly from active arcs built on the WCT outboard of the continental margin (Hampton et al., 2007, 2010; Hults et al., 2013; Link, 2017; Box et al., 2019). Similar marine strata exposed in the northern central Alaska Range and western Alaska Range yield an entirely different provenance signature with detritus shed primarily from the YCT to the north (Huff, 2012; Hults et al., 2013; Box et al., 2019). Similar submarine strata (unit KJf) have been mapped in the study area (Csejtey et al., 1986, 1992), though provenance data has never existed to delineate relationships between these strata and different parts of the Kahiltna Assemblage. Thus, it remains unclear if unit KJf is in fact part of the Kahiltna Assemblage. Most strata in the central

Alaska Range confidently correlated with the Kahiltna Assemblage are located south of the Denali fault, though these strata have been displaced at least 370 km since the Cretaceous (Lowey, 1998).

2.3 Analytical Methods

2.3.1 U-Pb Geochronologic Analyses

Detrital zircon sample processing, mineral separation, and mount preparation were conducted at the Arizona LaserChron Center (ALC; www.laserchron.org) via standardized methods of physical and chemical separations (Gehrels et al., 2008; Gehrels, 2012, 2014; Gehrels and Pecha, 2014). SEM-generated cathodoluminescence (CL) and back-scattered electron (BSE) images were used to select zircon grains for analyses. Selected grains represent a random assemblage of size and shapes, though grains with fractures or complex crystallographic domains were avoided. U-Pb analyses were conducted using laser ablation-inductively coupled plasma mass spectrometry (LA-ICPMS) on a Thermo Element2 single collector (ICPMS) for some analyses and a Nu Plasma multicollector ICPMS (Gehrels et al., 2008) for others. Analyses conducted on the Nu Plasma multicollector ICPMS were conducted using rapid acquisition (3s/analysis) protocols outlined by Sundell et al. (2020). A spot diameter of 20 μm was used for all U-Pb analyses on both machines. Data reduction was completed using "AgeCalc" protocols developed by the ALC; rapid acquisition data specifically was reduced using AgeCalcML (Sundell et al., 2020). All plots presenting detrital zircon data were generated using Isoplot 4.15 (Ludwig, 2012) and age peaks for detrital zircon spectra were calculated using "Age Pick" (Gehrels, 2012). Raw data for U-Pb analyses are in Appendix B.

2.3.2 Hf Isotopic Analyses

Hf isotopic analyses were conducted at the ALC following the methods of Gehrels and Pecha (2014). Analyses were acquired via LA-ICPMS using the Nu Plasma multicollector ICPMS. All Hf analyses were acquired using a 50 μm spot size to optimize signal intensities. Analyses were conducted over the same ablation pit as the previous U-Pb analyses and CL images were used to ensure that analyses remained entirely within the same crystallographic domain. Between 36 and 50 analyses per detrital zircon sample were conducted and analyses targeted major detrital zircon age populations as much as possible where grain size allowed. Hf isotopic data is presented

as epsilon Hf(t) values which represent $^{176}Hf/^{177}Hf$ ratios assumed constant since the time of zircon crystallization relative to the chondritic uniform reservoir (CHUR) (Bouvier et al., 2008). Raw data for Hf analyses are in Appendix C.

2.4 Results

2.4.1 Delineation of Stratigraphic Packages

We have divided Upper Paleozoic-Lower Cretaceous stratigraphy into two packages based on age, lithofacies, and structural relationships. These packages are defined as follows:

(1) The Southern package includes map units TRPs and TRbd of Csejtey et al. (1986, 1992) and is exposed in a northeast-southwest trending belt of rugged terrain along the southern margin of the study area. Our analysis of this stratigraphy focused on the upper Toklat river region of DENA (Figure 2.2.A). Based on field mapping, we consider these units as one genetically related package but present new sedimentological and isotopic data from unit TRPs only. Biostratigraphic age control for unit TRPs is based on conodont and radiolarian specimens which yield a latest Pennsylvanian(?)-Middle Triassic age. Rare fossils recovered from minor siliciclastic strata within unit TRbd include radiolarians and a halobid bivalve that suggest a Late Triassic (Carnian-Norian) age (Silberling et al., 1981a, 1981b; Csejtey et al., 1986, 1992).

(2) The Northern package includes map units TRcs and KJf of Csejtey et al. (1986, 1992). Both units are confined to two imbricated thrust sheets as part of a northeast-southwest-trending thrust belt along the northern margin of the study area (Figure 2.2.). The best exposures of unit TRcs are along the east bank of the Toklat River, while the best exposures of unit KJf are along the west bank of the Toklat River and the east bank of the East Fork River, though the unit does not outcrop well. The age of unit TRcs is best constrained by abundant, though poorly preserved conodonts recovered from several locations in the central Alaska Range. These collections yield an age range of late Carnian-middle Norian (Sherwood and Craddock, 1979; Umhoefer, 1984; Csejtey et al., 1986, 1992; Till et al., 2007). Radiolarians and rare bivalves suggest a Late Jurassic-Early Cretaceous age for unit KJf (Csejtey et al., 1986 and references therein). Fossil specimens used to constrain the age of unit KJf in DENA north of the Denali fault were collected from exposures that are separated by significant distances (~5-10 km) and have not been reliably correlated.

The Northern and Southern packages are structurally juxtaposed within a triangle zone, best exposed along the Toklat river corridor (Figure 2B). This regional structure is defined by two opposing thrust belts that bound the study area. The northern margin of the study area is characterized by a south-verging thrust belt that includes imbricated strata of the Northern package. The southern margin of the study area is defined by a north-verging thrust belt that includes imbricated strata of the Southern package. These thrust belts are truncated by the Hines Creek and Denali fault systems, respectively. Our mapping shows that the initial formation of both thrust belts predates these regional strike-slip/oblique-slip fault systems.

2.4.2 Southern Package

Lithologic Description

Unit TRPs is comprised of thin-bedded sandstone, shale, siltstone, and minor limestone (Figure 2.3.). Three facies associations can be distinguished in this unit. Facies association 1 (FA1) is dominated by tabular, 10-20 cm thick sandstone beds with thin shale breaks and thicker shale intervals approximately 2-4 m thick. Sandstone is light gray, fine-grained, and weathers to beige. Sandstone beds are horizontally-stratified and ripple cross-laminated with small mud rip-ups at the base of some beds (Figures 2.4.A-C). Facies association 2 (FA2) is composed of rhythmically interbedded ripple cross-laminated sandstone and mudstone beds less than 10 cm thick (Figure 2.4.D). Facies association 3 (FA3) is dominated almost entirely by shale with some siltstone lenses and comprises 20-30-m-thick sections. A gradational contact separates units TRPs and TRbd. Unit TRbd consists of basalt flows interbedded with minor siliciclastic rocks. Basalt flows are most often pillowed (Figure 2.4.F), porphyritic, and weathered to greenish-gray. Most outcrops of unit TRbd are heavily altered and basalt appears beige and red. Minor interbedded sedimentary rocks include sandstone, siltstone, and argillite (Csejtey et al., 1986). The thickness of both units is unknown, though estimates from regional geologic studies suggest at least several hundred meters of stratigraphic thickness for each (Csejtey et al., 1986).

Interpretation of Depositional Environment

We interpret unit TRPs to represent distal base-of-slope-basin floor submarine fan deposits (Mutti et al., 2009). Three facies associations are further interpreted to represent different parts of

a distributary lobe. These interpretations are all supported at a first order by tabular, laterally-continuous bedding throughout the unit. FA1, characterized by interbedded sandstone and minor shale (Figure 2.4.A) represents the highest energy part of this system, likely receiving sediment from the mouths of distributary channels (Arnott, 2010). Horizontally-stratified and ripple cross-stratified beds are interpreted to represent Tb and Tc subdivisions of partial Bouma sequences, respectively (Figure 2.4.B-C) (Bouma, 1962). Thin mudstone beds are interpreted as Td subdivisions deposited via suspension fallout (Bouma, 1962). Small rip-ups at the base of some horizontally-stratified beds reflects reworking of previously deposited sediment at the start of discrete pulses of sediment transport. FA2, comprised of rhythmically interbedded sandstone and mudstone (Figure 2.4.D) represents the more distal parts of distributary lobes where flow conditions are generally lower energy and only Tc and Td subdivisions of partial Bouma sequences are preserved. FA3, which describes thick shale-dominated intervals, likely represent the parts of the distributary lobe most removed from direct conduits of sediment input (Arnott, 2010). This facies association may represent transitional deposits between base-of-slope distributary lobes and entirely unconfined basin-plain deposits (Mutti et al., 2009). The pillowed nature of most basalts that comprise unit TRbd suggests deposition in a submarine setting. Marine fossils recovered from interbedded sedimentary rocks suggest that there was likely no time during which unit TRbd was subaerially exposed during deposition (Csejtey et al., 1986).

Structural Data

The Southern package is imbricated with Devonian-Ordovician metamorphosed marine strata (units Dos and Dl) in a north-verging thrust belt that defines the southern margin of the study area. This thrust belt is truncated by the McKinley strand of the Denali fault system to the south (Figure 2.2.B). Unit TRPs is isoclinally folded and locally overturned in the footwall of a north-verging thrust fault with Upper Devonian limestone in the hanging wall (Figure 2.4.G). The most extensive shale-rich sections appear to have accommodated extensive shearing. Exposures of Unit TRbd are commonly heavily altered, probably suggesting fluid flow associated with extensive faulting. We did not map regional-scale structures within either unit.

Detrital Zircon U-Pb and Hf Isotopic Data

One detrital zircon sample (n=536) from unit TRPs (071319BK-01) yields dominant populations with age peaks at ca. 440 and 298 Ma and subordinate age peaks at 2710, 1915, 1660, 1460, and 980 Ma (Figure 2.5.A). Few grains yield ages between 900-500 Ma and 1900-1800 Ma, and very few grains yield ages between 2650-2100 Ma. Ordovician-Silurian grains constitute approximately 27% of all grains in the sample and latest Pennsylvanian-Early Permian grains account for 4% over just 15 million years. Hf isotopic analysis of 36 grains yield epsilon Hf(t) ratios ranging from +13 to -18 (Figure 2.5.B). Epsilon Hf values that correspond with Silurian grains tend to cluster close to the depleted mantle while Precambrian grains are relatively evenly distributed around CHUR.

Our sample from unit TRPs has a maximum depositional age (MDA) of 286 Ma (Early Permian). This MDA and all MDAs reported herein were calculated using the weighted mean age of the youngest three grains overlapping in age within 2-sigma error (Dickinson and Gehrels, 2009). Biostratigraphic data from this unit regionally suggest a complete stratigraphic age range of Early Permian (possibly latest Pennsylvanian)-Middle Triassic (Silberling et al., 1981a, 1981b; Csejtey et al., 1986, 1992). We consider an Early Permian MDA for this sample to be relatively representative of the true depositional age for two reasons: (1) The youngest graphical age peak of the probability density function at 298 Ma is very close to the interpreted MDA (Figure 2.5.A). The three grains overlapping in 2-sigma error used for determination of the MDA are on the young shoulder of that graphical peak within the same histogram bin (20 million-year range) and show no evidence to be interpreted as young outliers caused by Pb loss; and (2) Based on our mapping along the upper Toklat river, we would expect sample 071319BK-01 to be from the stratigraphically lower part of unit TRPs. Therefore, an Early Permian MDA should be relatively close to the true depositional age.

2.4.3 Northern Package

Lithologic Description

The lower unit in the Northern package, unit TRcs, is comprised of calcareous sandstone, organic-rich shale, argillite, and minor limestone (Figure 2.3.). Sandstone beds are fine-grained, medium gray, tabular, and commonly massive, horizontally stratified, or ripple cross-stratified,

ranging in thickness from 5-30 cm (Figure 2.6.A). Some thicker sandstone intervals are observed, though extensive folding of the unit makes original bedding geometries difficult to distinguish. It is possible that some sandstone beds up to 2 m thick display lenticular geometries. Black, carbonaceous shale and siltstone occur in intervals of variable thickness from the centimeter to meter-scale. Shale is locally metamorphosed to argillite, quartz veins are common, and the unit is intruded by mafic dikes several meters thick. Due to a high degree of deformation, stratigraphic thickness is extremely difficult to determine. Estimates based on regional geologic mapping studies suggest at least 500 m of stratigraphic thickness.

Unit KJf consists of mudstone and sandstone often metamorphosed to slate and phyllite. The dominant lithology is chert-rich siltstone and shale with lesser amounts of medium-coarse-grained sandstone. Isolated sandstone beds are 20-50 cm thick and isolated in less deformed zones due to lithologic contrast with surrounding mudstone (Figure 2.6.D). Primary sedimentary structures are not preserved due to pervasive deformation.

Interpretation of Depositional Environment

Unit TRcs is interpreted to represent slope to base-of-slope submarine fan deposits. Most of the unit is characterized by rhythmically interbedded sandstone and mudstone which were likely deposited in an unconfined distributary lobe similar to the sandstone-dominated lithofacies of unit TRPs (Arnott, 2010). Massive, horizontally stratified, and ripple cross-stratified sandstone beds are interpreted to represent Ta, Tb, and Tc subdivisions of partial Bouma sequences, respectively (Bouma, 1962). Some parts of unit TRcs are comprised of sandstone beds up to 2 m thick and mudstone intervals several meters thick. These intervals may suggest slightly more proximal and confined deposition of sandstone in submarine channels higher on the continental slope (Mutti et al., 2009). Thick mudstone intervals likely representing overbank deposits are associated with thicker sandstone bodies.

We interpret unit KJf to represent upper continental slope deposits (Mutti et al., 2009). Mudstone-dominated lithofacies suggest that deposition took place in a system dominated by either bypass of coarser sediment or a general absence of coarse detritus (Arnott, 2010). Localized thicker sandstone beds up to 1-2 m thick suggest that this was likely an environment where more coarse sediment was present but largely confined to submarine channels. More detailed determination of

depositional environment within this context is limited by poorly exposed and highly deformed exposures in the study area.

Structural Data

The Northern package is imbricated in a south-verging thrust belt with Paleozoic metamorphic rocks to the north and the Upper Cretaceous Cantwell Formation to the south. Unit TRcs is extensively deformed by tight-isoclinal folds. Folds plunge gently to the east-northeast and most folds are upright-gently reclined and are cut by abundant high-angle faults (Figure 2.6.B). Unit TRcs is overlain by the Upper Cretaceous Cantwell Formation, separated by an angular unconformity which has been folded along with the Cantwell Formation (Figure 2.6.C). The unconformity is best-defined by the dramatic difference in degree of deformation between the respective units. The surface of the unconformity itself is poorly preserved and not well exposed. We interpret folding of the Cantwell Formation to represent a later deformational event than that which first folded unit TRcs. If this difference in deformation was controlled by rheological differences, we would expect to see abundant faulting of the Cantwell Formation to account for the dramatic difference in shortening accommodated by the two units. However, the Cantwell Formation in this location is only folded in an open syncline. The second deformational event represented by folding of the Cantwell Formation is probably the same event that resulted in high-angle faults that cross-cut folds in unit TRcs. We suggest that this second event also resulted in flexural slip, further tectonizing the unconformity surface.

Unit KJf is confined to the hanging wall of the Cabin Divide fault (CDF), which places unit KJf over the Upper Cretaceous Cantwell Formation (Figure 2.2.B). The relatively high degree of deformation observed in this unit is likely a product of significant displacement on this fault, which probably served as a regional décollement. The CDF in this location cuts through the upper part of the Cantwell Formation, thought to be approximately 4 km thick (Ridgway et al., 1997). Therefore, there is at least 3-4 km of displacement on the CDF. Outcrops of unit KJf examined as part of this study display a foliation approximately parallel to the trace of the CDF. The unit is isoclinally folded and sandstone bodies are typically isolated within less competent shale-rich intervals.

Detrital Zircon U-Pb and Hf Isotopic Data

One sample (n=489) from unit TRcs (071919BK-01) yields two dominant age peaks at ca. 417 and 600 Ma, with subordinate peaks at 2725, 2060, 1885, 1764, 1672, 1491, and 1050 (Figure 2.5.A). Few grains yield ages between 1500-1650 Ma and even fewer grains have ages between 2200-2700 Ma. An early Paleozoic population between 458-240 Ma constitutes 23% of detrital zircons in the sample while Neoproterozoic-early Paleozoic grains between 676-463 Ma constitute 28%. Hf isotopic analysis of 50 grains yield epsilon Hf(t) ratios ranging from +8 to -26 (Figure 2.5.B). Approximately 60% of grains plot above CHUR. One sample (071919BK-02) was collected from a medium-grained sandstone bed just above an angular unconformity between unit TRcs and the Cantwell Formation (Upper Cretaceous). Sample 071919BK-02 yields a nearly identical detrital zircon age spectrum as the previous sample of unit TRcs. The youngest ages documented for this sample were 200 Ma, while the previous sample yielded youngest single grains at ca. 240 Ma. No Hf analyses were conducted for this sample. We interpret this sample to represent direct re-working of unit TRcs at the unconformity and group U-Pb data from samples 071919BK-01 and 071919BK-02 as unit TRcs in Figure 2.5.A for simplicity.

The depositional age of unit TRcs remains best constrained by the previously discussed conodont record suggesting a Late Carnian-Middle Norian age (Sherwood and Craddock, 1979; Umhoefer, 1984; Csejtey et al., 1986, 1992; Till et al., 2007). The scattered distribution of Early and Middle Triassic ages in our sample of unit TRcs does not allow for a conservative determination of a maximum depositional age (MDA) any younger than Early Permian. An MDA that is significantly younger than the true depositional age is especially likely when high-volume magmatism was not present nearby during deposition (Dickinson and Gehrels, 2009).

Two samples from unit KJf (070819BK-01 and 071820BK-01) yield dominant populations between ca. 500-300 and between 202-150 Ma. Early-Middle Paleozoic grains account for 15% of all grains and latest Triassic-Jurassic grains account for 5%. Precambrian grains constitute 77% of the age spectra with at least a few grains present for almost all of the Meso- and Paleo-Proterozoic. Neoproterozoic grains between ca. 700-550 Ma account for less than 10% of grains. No Hf analyses were conducted for these samples. Unit KJf yields an MDA of 169 Ma and previous biostratigraphic control suggests a Kimmeridgian-Barremian age based on bivalves (Csejtey et al., 1986). Thus, we consider unit KJf to be latest Middle-Late Jurassic in age.

2.5 Discussion

2.5.1 Detrital Zircon Provenance Interpretations

Here we discuss potential primary and recycled detrital zircon sources that overlap in age with populations observed in our samples. For the sake of brevity, we summarize potential primary sources in Table 2.2. Recycling of detrital zircons is a critical consideration for provenance interpretations, and we discuss potential recycled sources relevant to our interpretations in more detail below.

Interpretation of Southern Package Provenance

Paleozoic detrital zircon populations derived from Permian strata of the Southern package are best accounted for with sources associated with the Alexander and Wrangellia terranes (Table 2.2.). The dominant population in the Southern package is comprised of Ordovician-Silurian ages that account for 25% of grains in the sample (Figure 2.5.A). Since this population is so dominant, a rich source of detrital zircons with ages within this range must have been proximal to the Permian depocenter represented by these strata. The Alexander terrane includes both primary and recycled potential sources of Ordovician-Silurian grains that account for 40% of published U-Pb ages (see Figure 2.7. caption for references). The most important primary source associated with the Alexander terrane is the Descon arc (Gehrels and Saleeby, 1987; Gehrels, 1990; Gehrels et al., 1996). Recycling is also possible from Upper Cambrian-Devonian sandstone of the Donjek and Icefield assemblages (northern Alexander terrane; southeastern Alaska/Yukon) which yield detrital zircon populations between ca. 1650, 1450, 1250-1000, 760-565, and 490-390 Ma (Beranek et al., 2013a, 2013b). Analyses from the Karheen and Nehenta formations (southern Alexander terrane; British Columbia) also yield dominant populations between ca. 640-500, 490-400, 380-340, and 310-275 Ma (White et al., 2016). Additionally, Ordovician-Devonian and Permian strata of the Banks Island Assemblage (British Columbia), which most likely evolved as part of the Alexander terrane, yield prominent populations at 478, 442, 434, 409, 367, and 307 Ma (Tochilin et al., 2014).

The population between ca. 304-286 Ma is most likely sourced from primary sources associated with the Wrangellia terrane (Table 2.2.). Specifically, the Skolai arc and Strelna metamorphic assemblage both overlap in age with these grains (320-285 Ma) (Nokleberg et al.,

1986; Aleinikoff et al., 1988; Dodds and Campbell, 1988; Gardner et al., 1988; Beard and Barker, 1989; Plafker et al., 1989). The Barnard Glacier and Donjek Glacier plutonic suites are also possible sources for Late Pennsylvanian-Early Permian grains, though not for ages between 301-291 Ma (Table 2.2.) (Beranek et al., 2014).

Alternative sources for Ordovician-Silurian grains include secondary sources associated with the Arctic Alaska-Seward-Chukotka terrane and primary sources associated with the Yukon-Tanana terrane (YTT, Table 2). While Ordovician-Silurian detrital zircons are common in sedimentary assemblages of the Arctic Alaska-Seward-Chukotka terrane (e.g., Amato et al., 2009), we consider it unlikely that recycling of these grains could account for 25% of grains in the Southern package, especially while the Alexander terrane is such a rich source in comparison. Silurian grains derived from the YTT (cf. YTTs of Pecha et al., 2016) could account for some Silurian grains in the Southern package, however there is no apparent source for Ordovician grains. Magmatism in the Urals could account for grains between 460-420 and 415-395 Ma (Fershtater et al., 2007). However, while this magmatism does overlap with Ordovician-Silurian populations in the Southern package, there was a lull in Uralian magmatism between ca. 315-290 Ma (Fershtater et al., 2007). Therefore, primary sources associated with the Urals cannot account for the full age spectra of the Southern package.

Recycling of lower Paleozoic strata of the Farewell terrane may also account for Proterozoic populations in the Southern package. An especially diagnostic population that supports this argument is a minor population at ca. 980 Ma that corresponds to metarhyolite within the basement of the Farewell terrane (McClelland et al., 1999). This recycling may have also contributed some of the Ordovician-Silurian grains that make up the largest population in the Southern package. Recently published detrital zircon U-Pb ages for the Terra Cotta Mountains sandstone (Silurian) and the Barren Ridge Formation (Devonian) yield populations between ca. 2000-900, 785-550, ca. 490, and ca. 450-420 Ma that match well with populations in the Southern package (Dumoulin et al., 2018a).

Interpretation of Northern Package Provenance

We interpret the detrital zircon age spectra of unit TRcs to represent regional recycling of Caledonian and Baltican detritus from the Ellesmerian clastic wedge (cf. Beranek et al., 2010a, 2010b), with additional contributions from peri-Laurentian sources associated with the

intermontane terranes. The population identified in all samples of the Northern package most diagnostic of recycling is between ca. 700-500 Ma (Figure 5A). Neoproterozoic grains of this age are notably uncommon to Laurentian sources and are more readily sourced from primary sources associated with Neoproterozoic magmatism in the Caledonides and Baltican craton (e.g., Colpron and Nelson, 2009). Similar populations in Upper Triassic marine strata in the Yukon thought to represent a regional overlap assemblage have raised similar questions for previous workers (Beranek et al., 2010a, 2010b; Murphy et al., 2006). Beranek et al. (2010a, 2010b) argued that recycling of Paleozoic strata from the Ellesmerian orogen presently exposed in northwestern Canada, combined with strata of the western Canada basin, provides the most plausible mechanism for the introduction of Neoproterozoic and earliest Paleozoic detrital zircons into Upper Triassic strata in the Yukon. These zircons were probably originally sourced from the Caledonides and Baltica during the Ellesmerian orogeny along the arctic margin. Neoproterozoic grains make up 25% of the age spectra for unit TRcs, suggesting that sediment was derived in part from this same system of regional recycling. Ordovician-Silurian grains account for 8% of all grains in unit TRcs and are also most likely derived from regional recycling. Devonian-Mississippian grains account for 15% and were probably sourced from Devonian-Mississippian plutons intruded into the intermontane terranes; these terranes had accreted to the Laurentian margin by the Early Triassic (e.g., Dusel-Bacon et al., 2006; Nelson et al., 2006).

Unit KJf yields a lower relative proportion of grains between 700-500 Ma, a higher relative proportion of Paleo- and Meso-Proterozoic grains common to Laurentia, and a prominent latest Triassic-Jurassic population between ca. 202-150 Ma. We interpret these observations to reflect decreased input of Ellesmerian detritus, increased recycling of Laurentian Precambrian grains, and primary input of detritus from a continental arc (i.e., Taylor Mtn. batholith), respectively. Ordovician-Silurian grains account for the same proportion of grains in unit KJf as seen in unit TRcs, while Devonian-Mississippian grains account for less of the age spectra at only 6%. This relative decrease in the proportion of Devonian-Mississippian grains is likely due to an influx of younger latest Triassic-Jurassic grains and an increased proportion of Precambrian grains relative to unit TRcs (77% vs. 69%).

We also cannot rule out the possibility that Late Mesoproterozoic and Ordovician-Silurian populations in both units of the Northern package could be derived from the Farewell terrane. Our datasets do not provide a clear means for distinguishing between recycling from Farewell or the

Ellesmerian clastic wedge. This is not entirely surprising as both Farewell and the Ellesmerian orogen likely received sediment from similar Caledonian and Baltican sources in the early Paleozoic (e.g., Beranek et al., 2010; Dumoulin et al., 2018). Most populations older than 1000 Ma in the Northern package also do not represent unique populations and could be derived from Arctic or Laurentian sources. Notably, these include populations at ca. 2700 Ma and those between 2000-1800 Ma and 1300-1000 Ma. For example, Grenville-age (1300-1000 Ma) detrital zircons have been interpreted as having been transported across the North American craton from the Grenville orogen (e.g., Rainbird et al., 2012), as well as recycled from sources in the circum-Arctic region (e.g., Estrada et al., 2018; Miller et al., 2006). One exception are 44 grains (5% of the age spectra) from unit KJf that fall within the North American magmatic gap (Van Schmus et al., 1993). These grains were most likely introduced through regional recycling of sediment from the Ellesmerian clastic wedge. The presence of these grains along with Neoproterozoic grains in unit KJf suggest that at least some recycling of Ellesmerian detritus continued well into the Jurassic.

2.5.2 Regional Stratigraphic Relationships

Stratigraphic ties with the Southern Package

Based on our data, we suggest that the Southern package has a shared history with the Farewell terrane and is specifically correlative with Permian-Upper Triassic strata of the Mystic (sub)terrane. Permian strata in the Mystic terrane are dominated by continental slope-base-of-slope submarine fan deposits (cf. upper Mystic assemblage of Malkowski and Hampton, 2014) laterally equivalent to the mid-Late Permian Mt. Dall conglomerate (Bradley et al., 2003; Malkowski and Hampton, 2014). Detrital zircon ages reported for the Mystic terrane correlate well with ages from the Southern package with primary Ordovician-Silurian populations and a secondary late Pennsylvanian-Early Permian population (Figure 2.7.) (Malkowski and Hampton, 2014; Dumoulin et al., 2018a). Limited $Hf_{(t)}$ isotopic analyses from the Southern package display agreement with analyses reported by Malkowski and Hampton (2014) for the upper Mystic assemblage and further support shared detrital zircon sources (Figure 2.7.). Based on our interpretation of lithofacies in unit TRPs as far distal base-of-slope-basin floor submarine fan deposits, we suggest that the lower part of the Southern package formed in a more distal position relative to strata exposed in the western Alaska Range, though as part of the same continental slope system. The upper part of the

Southern package, unit TRbd, is likely part of a Carnian-Norian basaltic succession ubiquitous to south-central and southwest Alaska (e.g., Bundtzen et al., 1997; Hampton et al., 2007; Dumoulin et al., 2018a). Similar pillow basalts and marine siliciclastic strata make up the Upper Triassic part of the Mystic terrane (Dumoulin et al., 2018a). We make this correlation based solely on lithology as we do not have additional data for unit TRbd.

Stratigraphic ties with the Northern Package

Strata of unit TRcs are broadly dispersed and poorly correlated along the Denali fault system over a distance of more than 200 km (Wilson et al., 2015). Based on the position of unit TRcs relative to parautochthonous Laurentian strata along the length of its outcrop belt, we consider unit TRcs to have been deposited along the outboard side of the northwestern Laurentian margin. Additional Carnian-Norian depocenters include strata of a regional overlap assemblage exposed mainly as klippe in the Yukon territory (Murphy et al., 2006; Beranek et al., 2010b; Beranek and Mortenson, 2011). Similar metamorphosed marine strata of the Seventymile assemblage are also exposed in eastern Alaska and southwest Yukon in the Yukon-Tanana uplands (Hansen, 1989, 1992; Hansen et al., 1991; Hansen and Dusel-Bacon, 1998; Dusel-Bacon and Harris, 2001). As described above, overlap strata in the Yukon display a striking component of Neoproterozoic detrital zircons. We interpret the presence of zircons of this unique age in the Northern package (Figure 2.8.) to suggest shared sediment pathways between these depocenters.

Unit KJf in the central Alaska range has been broadly correlated with strata of the Upper Jurassic-Lower Cretaceous Kahiltna assemblage by regional mapping studies (Csejtey et al., 1986; 1992). However, while these units may be lithologically similar, our data show that the provenance of unit KJf is distinct from strata of the Kahiltna assemblage in the southern central Alaska Range, Talkeetna Mountains, and part of the southwest Alaska Range; these strata lack diagnostic Late Mesoproterozoic (~980 Ma), Ordovician, and Silurian grains observed in unit KJf (e.g., Hampton et al., 2010; Hults et al., 2013; Box et al., 2019). Box et al. (2019) recently re-evaluated stratigraphic relationships in strata mapped as part of the Kahiltna assemblage in the western Alaska Range. Their analyses suggest that strata exposed just south of and within the outcrop belt of the Farewell terrane south of the Denali fault do yield detrital zircon ages that include these key populations, particularly Lower Cretaceous strata termed the Dalzell petrofacies unit (Box et al., 2019, Table 2.1.). They associate these strata with the Kuskokwim Group rather than the Kahiltna

basin, mainly based on an apparent depositional connection to the Farewell terrane. Petrofacies and limited detrital zircon analyses of the Kuskokwim Group display provenance indicators interpreted to represent a combination of sources from the Farewell terrane, YCT, and possibly lesser-known terranes in southwestern Alaska such as the Innoko and Goodnews terranes (Kalbas, 2006; Karl et al., 2016). Based on these key populations, we tentatively interpret unit KJf as related to the Dalzell unit of Box et al. (2019) and the Kuskokwim Group.

In regard to the possibility of some detritus in the Northern package possibly being derived from Farewell, we do note that epsilon Hf values for Silurian grains in the Northern package are on average more evolved than values for grains of the same age in the Southern package, which cluster closer to the depleted mantle (Figure 2.5.B). Since we consider the Southern package as related to Farewell, this may suggest a different source for grains that constitute this important population in both packages, negating the possibility that Silurian grains in the Northern package were derived from Farewell. However, our Hf isotopic datasets are limited by a low number of analyses and we find this comparison inconclusive.

2.5.3 Tectonic Synthesis

Our analysis of Permian-Jurassic strata in the central Alaska Range provides the opportunity to discuss implications for the evolution of the northwestern margin of Laurentia and the Farewell terrane. Specific problems to which our data may apply include: (1) evaluation of different models for the Late Paleozoic paleogeographic position of the Farewell terrane (Nelson et al., 2013; Malkowski and Hampton, 2014; Dumoulin et al., 2018a), (2) the configuration of Late Triassic-Jurassic depocenters along the northwestern Laurentian margin, and (3) the timing of accretion of Farewell to the Laurentian margin.

Late Paleozoic Paleogeographic Position of the Farewell-Mystic Terrane

Here we integrate our data from the Southern package with published data from the Mystic (sub)terrane to re-evaluate two models for the evolution of the Farewell/Mystic terrane (Figure 2.9.). Further testing of these models is important for relating the transport history of Farewell to the insular and intermontane terranes, as well as constraining the timing and paleogeographic position of Farewell's accretion to the Laurentian margin. As previously discussed, we correlate

strata of the Southern package with Permian-Triassic strata of the Mystic (sub)terrane and will consider them one unit under the term 'Mystic terrane'. Since the Mystic terrane includes all Upper Devonian-Jurassic strata of the Farewell terrane (e.g., Malkowski and Hampton, 2014, Figure 2.1.), we intend the term 'Farewell' in this text to refer to the evolution of the entire terrane, including the Mystic (sub)terrane; we provide further distinction where necessary. Model 1 invokes a paleo-Arctic paleogeographic position for Farewell during the Late Paleozoic along the southern margin of the Siberian craton (Figure 2.9.A, FW1) (e.g., Bradley et al., 2003; Nelson et al., 2013). In contrast, model 2 places Farewell nearby or potentially in contact with the Alexander and Wrangellia terranes (insular terranes), outboard of the northwestern Laurentian margin (Figure 2.9.A, FW2) (Malkowski and Hampton, 2014; Dumoulin et al., 2018a).

Model 1: Evolution within the paleo-Arctic realm

Based on our provenance interpretations and Early Permian paleogeographic constraints for the insular terranes, we propose that Farewell had left the paleo-Arctic by the late Paleozoic and was no longer positioned near the Siberian margin (Figure 2.9.A, FW1). There is general agreement that Farewell evolved near to the Arctic Alaska-Seward-Chukotka and Alexander terranes between Siberia and northern Laurentia during the early Paleozoic (Blodgett et al., 2002; Dumoulin et al., 2002, 2014, 2018b; Nelson et al., 2013). Prior to the work of Malkowski and Hampton (2014), these links have been extended to inform the late Paleozoic position of the terrane, however no additional evidence exists to support this interpretation. If Farewell remained in the paleo-Arctic during the late Paleozoic, we would expect Permian strata of the Mystic terrane to include detrital zircon populations common to the circum-Arctic region. Since we interpret Paleozoic detrital zircons to have been primarily derived from the Alexander and Wrangellia terranes, known constraints on the paleogeographic position of these terranes provides the best proxy for the late Paleozoic position of the Farewell terrane. Marine fauna from the Wrangellia terrane suggest that Wrangellia, which has been tectonically linked to the Alexander terrane by the Early Permian (Beranek et al., 2014), was positioned north of the intermontane terranes and between 2,000-3,000 km west of the Laurentian margin at this time (Figure 2.9.A) (Belasky and Stevens, 2006; Nelson et al., 2013). Therefore, since our data support a shared history between Wrangellia, Alexander, and Farewell during the Permian, we propose that model 1 is not plausible.

Model 2: Collision between Farewell-Mystic and the Insular terranes

Based on our data and comparison with published data, we prefer a model in which Farewell collided with the Wrangellia and Alexander terranes during the Early-Middle Permian. This interpretation is supported by the following data:

(1) Ordovician-Silurian populations in Permian strata of the Mystic terrane and Southern package that overlap in age with primary and recycled sources associated with the Alexander terrane (Table 2.2.).

(2) Late Pennsylvanian-Permian populations that overlap in age with the Skolai arc and the Barnard and Donjek Glacier plutonic suites (Table 2.2.).

(3) Early-mid Permian metamorphic ages in the Alexander terrane (Jones et al., 1981; Dodds and Campbell, 1988; Karl et al., 2010).

(4) A Permian unconformity across much of the Alexander terrane (Gehrels and Saleeby, 1987).

To explain key relationships between these independent pieces of data, we propose an extension of the model of Beranek et al. (2014) for the assembly of the Alexander and Wrangellia terranes. Note that the third terrane in the WCT, the Peninsular terrane is mainly characterized by Triassic-Jurassic arc rocks associated with Wrangellia-like basement and is not shown explicitly in our model. Based on geochronological and structural constraints, Beranek et al. (2014) showed that final assembly of the WCT was achieved through Pennsylvanian-Early Permian accretion of the Craig (AXc) and Admiralty (AXa) subterranes of the Alexander terrane to the Wrangellia terrane. This process was associated with emplacement of the Barnard and Donjek Glacier plutonic suites and more continuous magmatism in the Skolai arc (Figure 2.10.A). We propose that Farewell was part of this same accretionary system and collided with the Alexander and Wrangellia terranes in the Early-Middle Permian shortly following final assembly of the WCT (Figure 2.10.B). As has been considered by previous workers, this event may be recorded by the Brown's Fork orogeny (Beranek et al. 2014; Dumoulin et al. 2018a; Malkowski and Hampton, 2014).

Evidence for the Brown's Fork orogeny further supports the timing of collision between Farewell and the insular terranes invoked through our model. Evidence for the Brown's Fork orogeny includes three metamorphic ages ($^{40}Ar/^{39}Ar$, white mica) from the Farewell terrane between 285-284 Ma and a Permian non-marine conglomeratic unit called the Mt. Dall conglomerate. Bradley et al. (2003) interpret these data to represent metamorphism of the Brown's Fork hinterland in the Farewell terrane and deposition in the proximal part of a foreland basin,

respectively. While no systematic studied have been conducted, additional evidence for deformation of the Farewell terrane now includes a detrital zircon fission track age of 273 ± 32 Ma derived from a modern river sample of a small drainage basin that largely drains strata of the Farewell terrane in the western Alaska Range (Lease et al., 2014, Sample 6, Table 3). While the Mt. Dall conglomerate was previously thought to depositionally overlie marine stratigraphy of the Mystic terrane, maximum depositional ages from the upper Mystic assemblage suggest that these strata at least partially overlap in age (Malkowski and Hampton, 2014). Based on these MDAs for the upper Mystic assemblage and an MDA of 286 Ma for unit TRPs of the Southern package, we interpret coeval submarine strata to represent the distal part of the same depocenter (Figure 2.10.B).

Tectonic Implications of the Triassic-Jurassic Sedimentary Record for the Evolution of the Northwestern Laurentian Margin

Late Permian-Middle Triassic closure of the Slide Mountain Ocean is recorded by Permian magmatism in Yukon-Tanana (Klondike arc) attributed to westward-dipping subduction, collision-related deformation of the Yukon-Tanana terrane between ca. 260-252 Ma, and development of the Klondike basin, a peripheral foreland basin built on the ancestral Laurentian margin (Colpron et al., 2006; Piercey et al., 2006; Beranek and Mortenson, 2011; Nelson et al., 2013). Filling of the Klondike basin by the Late Triassic led to the development of an overlap assemblage connecting the intermontane terranes and the ancestral Laurentian margin (Figure 2.11.A) (Murphy et al., 2006; Beranek and Mortenson, 2011). Carnian-Rhaetian strata that represent this overlap assemblage display detrital zircon signatures of a well-mixed system involving recycled North American sediment including detritus from the Ellesmerian clastic wedge (Beranek et al., 2010a, 2010b; Beranek and Mortenson, 2011). This configuration sets the scene for Late Triassic sedimentation along the continental margin and renewed arc magmatism associated with the onset of eastward-dipping subduction beneath western Laurentia (Figure 2.11.A) (Beranek and Mortenson, 2011; Nelson et al., 2013).

Based on regional mapping, we interpret submarine strata of unit TRcs to represent a depocenter along the outboard side of the newly established continental margin (Figure 2.11.A). Initiation of a subduction zone along the continental margin following closure of the Slide Mountain Ocean is recorded by magmatism as early as the Middle Triassic in Stikinia and

Quesnellia; high volume magmatism commenced in Yukon-Tanana at ca. 212 Ma (e.g., Mortenson, 1992). However, the complete configuration of the convergent margin and the development of expected tectonic elements (e.g., accretionary complex, forearc, arc, etc.) is not fully known. Therefore, unit TRcs could represent sedimentation at the base of the former slope along the outboard side of the intermontane terranes, or even early sedimentation in an accretionary prism or marine forearc. Since felsic magmatism in Yukon-Tanana was not widespread until the Rhaetian and unit TRcs was deposited no later than the Norian, we interpret unit TRcs to represent base-of-slope deposits that preceded the establishment of widespread subduction and corresponding arc magmatism along the margin (Figure 2.11.A).

Jurassic strata of unit KJf display a change in provenance consistent with an influx of sediment from a continental magmatic arc (e.g., Taylor Mountain batholith, Mt. Veta pluton), a decreased component of recycled Arctic detritus, and an increased component of primary and recycled detritus likely sourced from Yukon-Tanana or other North American sources. By this time, continental arc magmatism was well-established (Dusel-Bacon and Williams, 2009; Day et al., 2014) and deeper levels of the arc may have been exhumed in later Jurassic time. Development of a continental arc probably coincided with topographic growth and uplift within the intermontane terranes. This likely played a role in disrupting the more regionally extensive system of recycling that contributed large volumes of Ellesmerian and northwestern Laurentian detritus to the continental margin during the Late Triassic (Figure 2.11.B).

Late Triassic-Early Jurassic Evolution of the Farewell Terrane

From a stratigraphic perspective, the Late Triassic-Lower Jurassic evolution of Farewell should be best constrained by Upper Triassic-Lower Jurassic pillow basalt and flows and marine siliciclastic rocks (e.g., Bundtzen et al., 1997; Dumoulin et al., 2018a; this study). Widespread basalts throughout the Mystic terrane may suggest connections to the Late Triassic evolution of the Wrangellia and Alexander terranes, characterized by the eruption of voluminous flood basalts and a rifting event in the northern and eastern Alexander terrane (Gehrels et al., 1987; Greene et al., 2008, 2009a, 2009b; Lassiter et al., 1995; Mihalynuk et al., 1993). While much less is known about similar basalts of the Mystic terrane, recent trace element data plot predominantly within E-MORB, continental rift, or continental flood basalt compositional fields (Dumoulin et al., 2018b). Dumoulin et al. (2018b) interpret these data along with further analysis of epsilon Nd values as

possible evidence for rifting or extension within Farewell during the Late Triassic-Early Jurassic. We suggest that Farewell may have remained docked to Wrangellia/Alexander until the Late Triassic and that mafic volcanism would have been associated with rifting of Farewell from the margin of the Alexander terrane. Future studies may seek to test this hypothesis by developing geochronological and geochemical datasets at resolutions that allow for integration of records including the Mystic terrane, Chulitna terrane (Hampton et al., 2007), and WCT.

Accretion of the Farewell Terrane to the Northwestern Margin of Laurentia

The timing of deposition of unit KJf and deformation of the Northern package serve as an important new constraint on the timing of accretion of the Farewell terrane to the Laurentian margin. Most paleogeographic models based on Cretaceous strata of the Kuskokwim group begin with Farewell accreted to the continental margin by the Early Cretaceous (Box et al., 2019; Kalbas et al., 2007). This is supported by lower Cretaceous strata of the Kuskokwim Group deposited unconformably on Farewell rocks (Box et al., 2019; Kalbas, 2006). An MDA of 169 Ma from the portion of unit KJf from which we sampled suggests that these strata are older than related strata of the Kuskokwim Group. Therefore, unit KJf exposed along the northern margin of the study area may represent an early phase of submarine deposition during which Farewell was adjacent to or already accreted to the continental margin. Strata of the Northern package are isoclinally folded and unit KJf displays low-grade metamorphism and a strong foliation. This is a greater degree of deformation than is common in strata of the Kuskokwim group (e.g., Box et al., 2019), possibly suggesting a deformational event that affected Upper Triassic-Upper Jurassic strata, but not Cretaceous strata. Furthermore, results of our mapping show that the Upper Cretaceous Cantwell Formation, the next youngest unit in the study area, was deposited primarily over the Southern package (unit TRbd), with only a sliver of the outcrop belt along the northern margin of the study area deposited over the Northern package (unit TRcs). These relationships strongly suggest that the Southern and Northern packages, representing Farewell and the Laurentian margin respectively, are directly juxtaposed in the subsurface. In fact, rocks of the Southern package as well as Devonian-Ordovician strata (units DOs and Dl) also thought to correlate with Farewell are extensively exposed along the southern margin of the study area as far east as the Nenana River, suggesting that Farewell may underlie much more of the central Alaska Range than previously understood.

Our data are most consistent with Late Jurassic accretion of the Farewell terrane, best recorded by deformation of the Northern package. In our preferred interpretation, Mid-Jurassic strata of unit KJf represent accretionary prism or trench-fill deposits that were partially underthrust during accretion of Farewell. This resulted in low-grade metamorphism of unit KJf and development of a penetrative foliation. Meanwhile, unit TRcs underwent ductile deformation forming isoclinal folds. This interpretation is consistent with docking of Farewell in time for deposition of lower Cretaceous strata over Farewell rocks as has been documented in the western Alaska Range. It is important to note that unit KJf is more extensively exposed to the east of our sample locations in DENA and has not been studied in any detail in these areas. Additionally, the same unit is mapped south of the Denali fault within DENA, though these strata are part of the Kahiltna assemblage and would have been deposited at least 300 km to the east (modern coordinates) relative to the part of unit KJf that we sampled based on estimates of post-Cretaceous offset on the Denali fault (Lowey, 1998). Therefore, these interpretations do not apply to all strata mapped as unit KJf by Csejtey et al. (1986, 1992). Additional work is necessary to better understand the age, stratigraphic architecture, and deformational history of unit KJf in its entirety, especially north of the Denali fault.

2.6 Conclusions

(1) Two Upper Paleozoic-Jurassic stratigraphic assemblages with distinct stratigraphic architectures and provenance signatures are structurally juxtaposed in the central Alaska Range. The first-order structural configuration of this region is characterized by a triangle zone. This configuration reflects a long-term, polyphase deformational history beginning with initial juxtaposition of these stratigraphic assemblages.

(2) The Southern package consists of Permian-Upper Triassic submarine fan deposits and pillow basalts that we correlate with the Mystic (sub)terrane of the Farewell terrane. U-Pb detrital zircon age spectra of Permian strata are consistent with sediment input from the Wrangellia and Alexander terranes during the Permian. This connection implies a late Paleozoic paleo-location for Farewell in the paleo-Pacific outboard of the northwestern Laurentian margin. Interaction between Farewell and the insular terranes is most likely represented by the Early Permian Brown's

Fork orogeny (Bradley et al., 2003). Upper Triassic pillow basalts may be related to a period of rifting during which Farewell separated from the insular terranes.

(3) The Northern package consists of Upper Triassic-Jurassic submarine strata deposited along the northwestern margin of Laurentia. U-Pb detrital zircon age spectra for these strata reflect a significant proportion of Neoproterozoic and early Paleozoic grains most likely recycled from the Ellesmerian clastic wedge first identified in Carnian-Norian overlap strata exposed in the Yukon (Beranek et al., 2010b). Late Triassic-Jurassic detrital zircons in Jurassic strata reflect the development of continental arc magmatism associated with subduction along the continental margin.

(4) Extensive ductile deformation and low-grade metamorphism of the Northern package are consistent with accretion of the Farewell terrane to the northwestern margin of Laurentia during the Late Jurassic. Geologic mapping in the study area confirms that Farewell indeed underlies a much more extensive part of the central Alaska Range than has previously been recognized and is directly juxtaposed against continental margin strata in the subsurface.

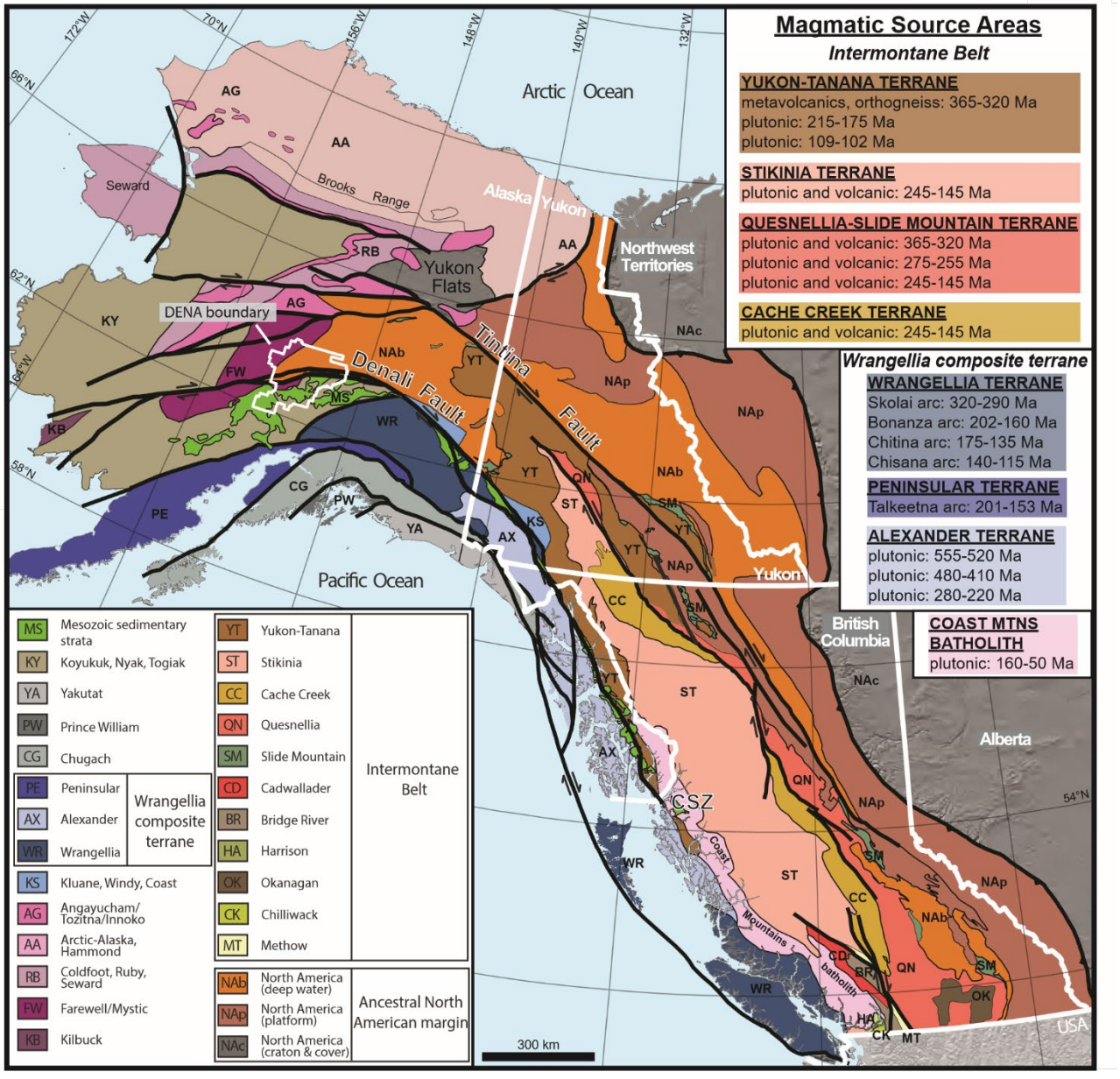
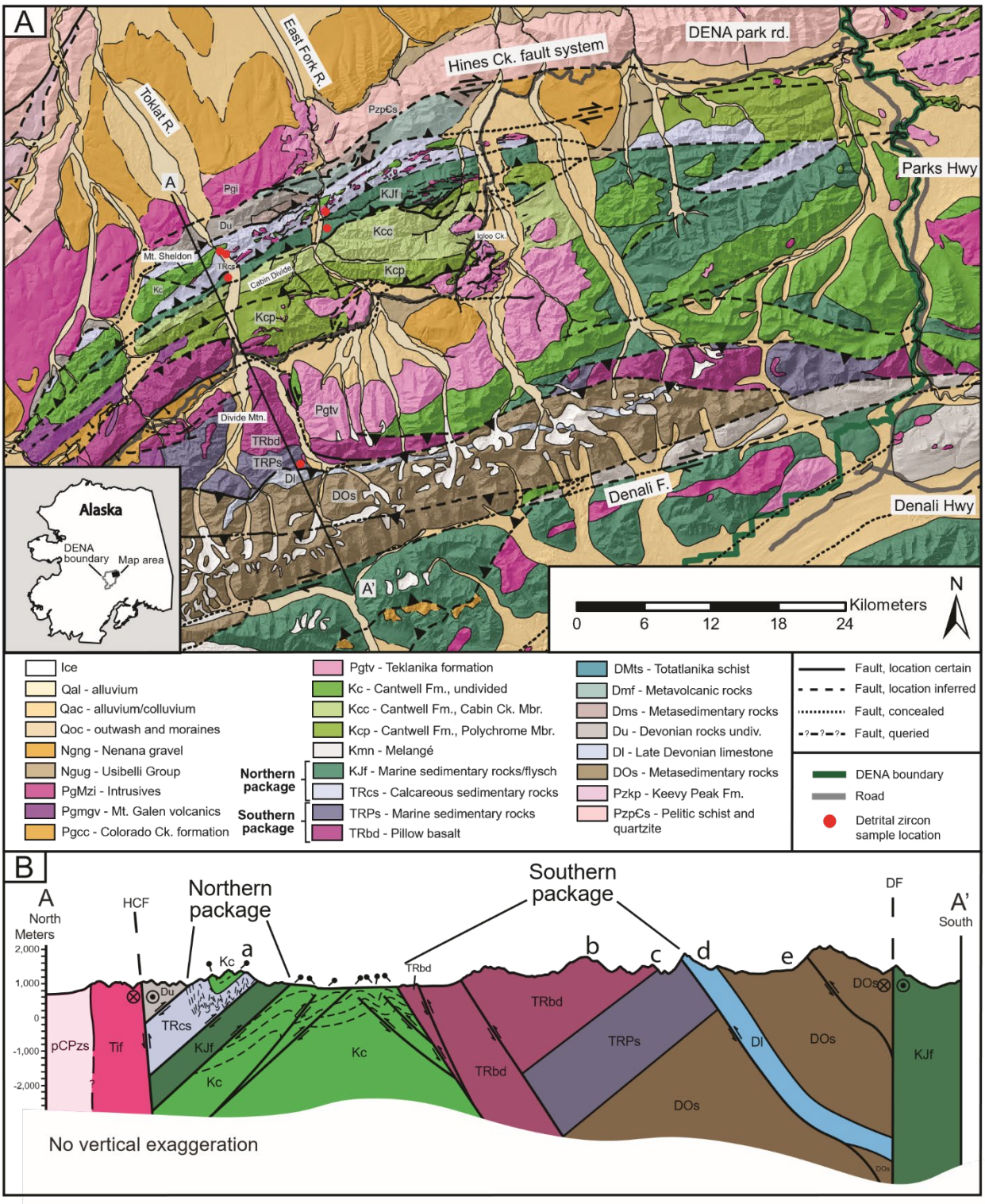


Figure 2.1. Terrane map of the northern Cordillera modified from Nelson et al. (2013) and Romero et al. (2020).

Figure 2.2. (A) Geologic map of the study area. Geologic mapping data is an updated compilation of mapping from this study, Reed (1961), Gilbert and Redman (1975), Csejtey et al. (1986, 1992), and the Alaska State map compilation of Wilson et al. (2015). The Northern package described in this text includes units TRcs and KJf. The Southern package described in this text includes units TRPs and TRbd. (B) Geologic cross-section along line A-A' based on field traverses along the Toklat River corridor. Detailed data constrains structures within Upper Cretaceous strata of the Cantwell Formation (Kc). First-order mapping of stratigraphic packages to the north and south provides context for stratigraphic analyses presented in this article. Letters a-e correspond to locations shown in field photos in Figures 2.4.G and 2.5.C. HCF = Hines Creek fault; DF = Denali fault.

Figure 2.2. cont.



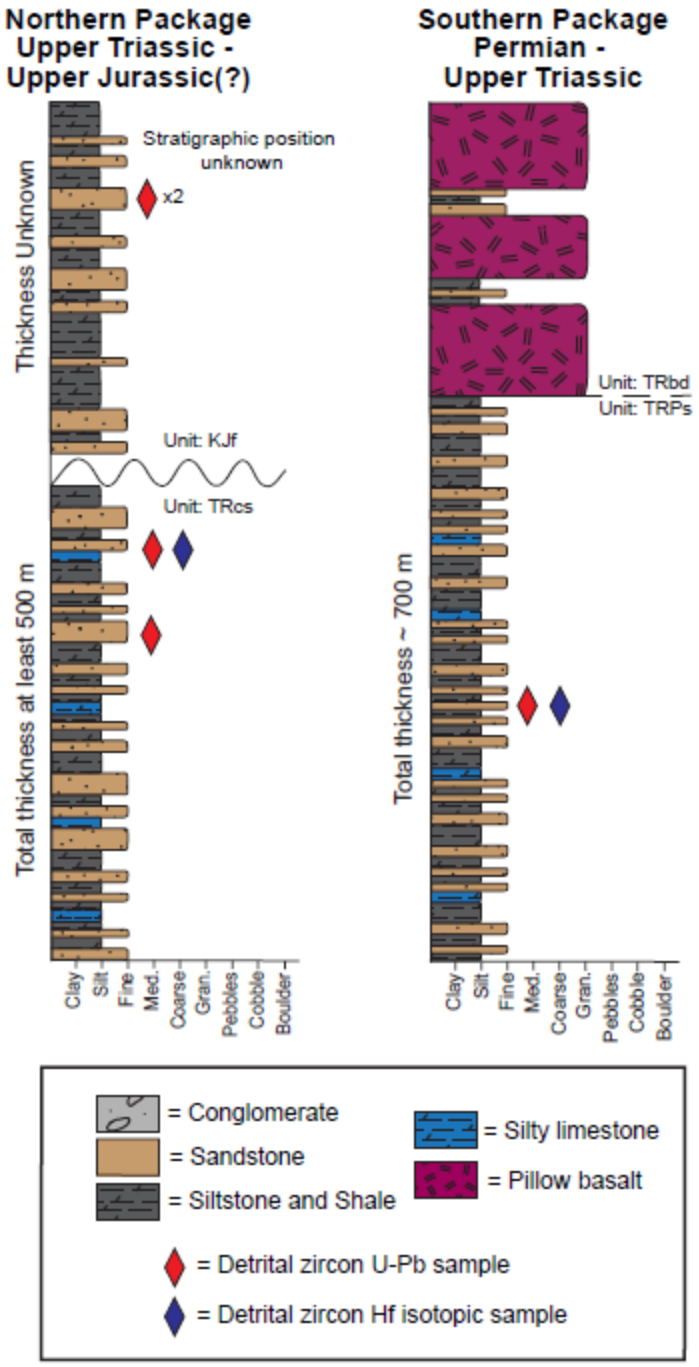


Figure 2.3. Representative composite stratigraphic sections for the two stratigraphic packages analyzed in this study. Stratigraphic observations for all units were made at exposures along the Toklat River corridor (Figure 2.1).

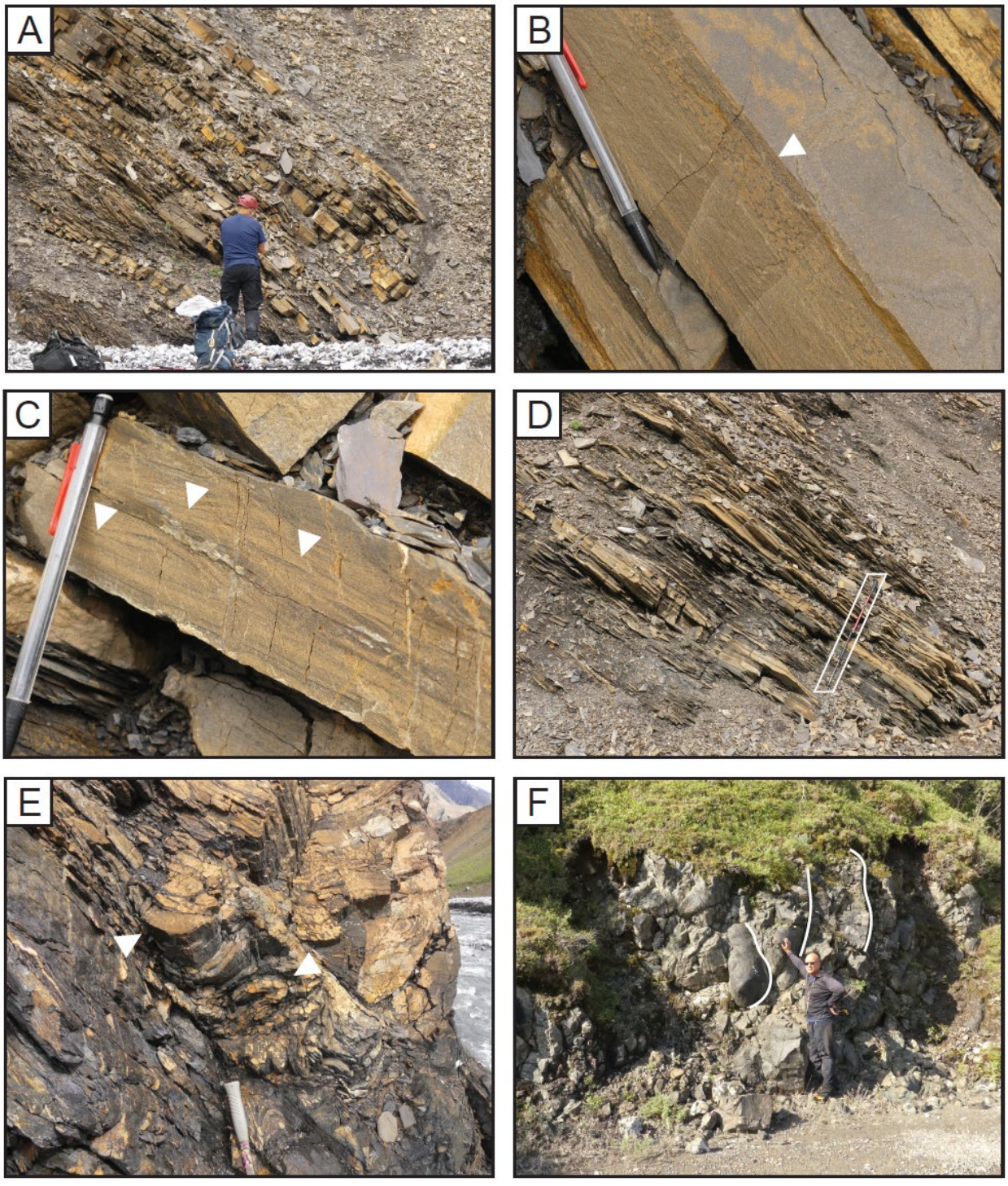

A
B
C
D
E
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Figure 2.4. cont.

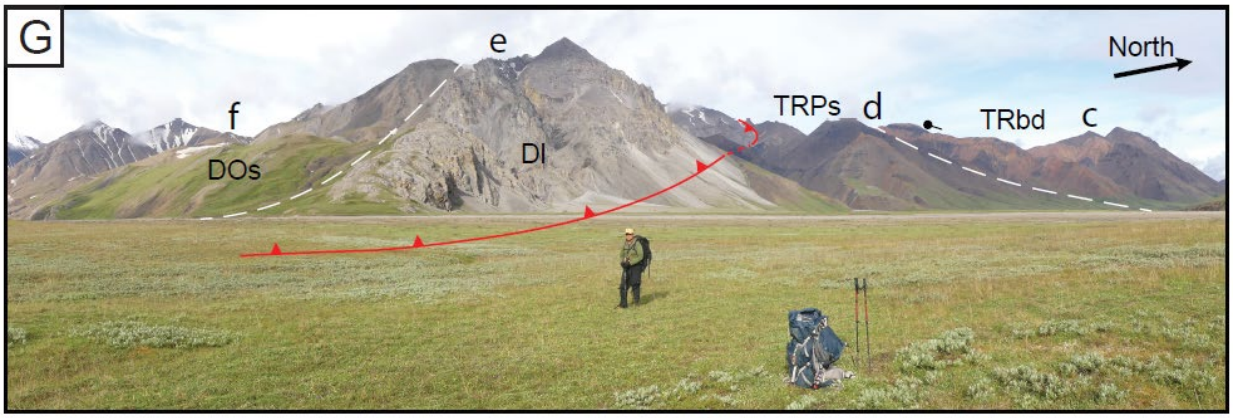
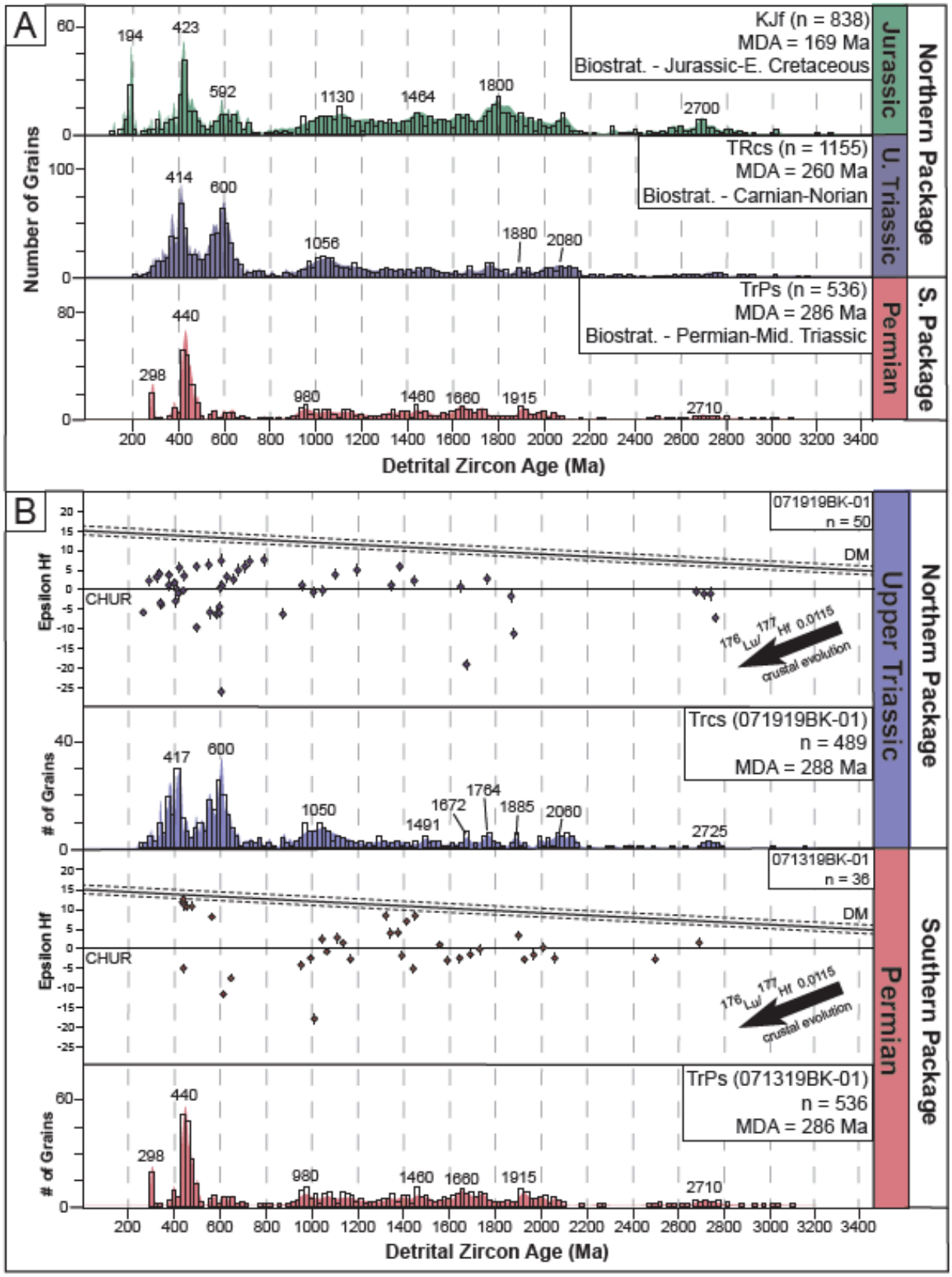


Figure 2.4. Field photographs of the Southern package: (A) 10-20 cm thick sandstone beds and minor shale characteristic of FA1. This section is overturned and beds shown in the photo are laterally continuous for tens of meters. Small white box in the lower right corner indicates the bed depicted in Figure 2.5.B. Person for scale. (B) White arrow points to mud rip-ups at the base of an overturned sandstone bed. Pencil for scale. (C) Ripple cross-laminated sandstone interpreted as Tc subdivision of partial Bouma sequences in FA1. White arrows point to ripple cross-laminae. Pencil for scale. (D) Thinly interbedded sandstone and shale characteristic of FA2. Trekking pole in white box is 1 m long. © Evidence of ductile deformation in unit TRPs. White arrows point to two small-scale isoclinal fold hinges. Rock hammer for scale. (F) Pillow basalts of unit TRbd exposed along the west side of the Toklat River just north of the Toklat Road Camp. Person for scale.

Figure 2.5. (A) Probability density plots showing U-Pb detrital zircon data. Histograms are binned by 20 million years. All maximum depositional ages (MDAs) listed were calculated using the three youngest grains overlapping within 2-sigma error (Dickinson and Gehrels, 2009) and previous biostratigraphic control is shown below (Csejtey et al., 1986 and references therein). The area under the shaded curves represent the probability density function. (B) Hf isotopic compositions paired with U-Pb age spectra for each respective sample from units TRPs and TRcs. The black arrow represents the average crustal evolution pathway assuming the modern 176Lu/177Hf = 0.0115 (Vervoort & Patchett, 1996; Vervoort et al.,1999). DM = depleted mantle (Vervoort & Blichert-Toft, 1999), CHUR = chondritic uniform reservoir (Bouvier et al., 2008).

Figure 2.5. cont.



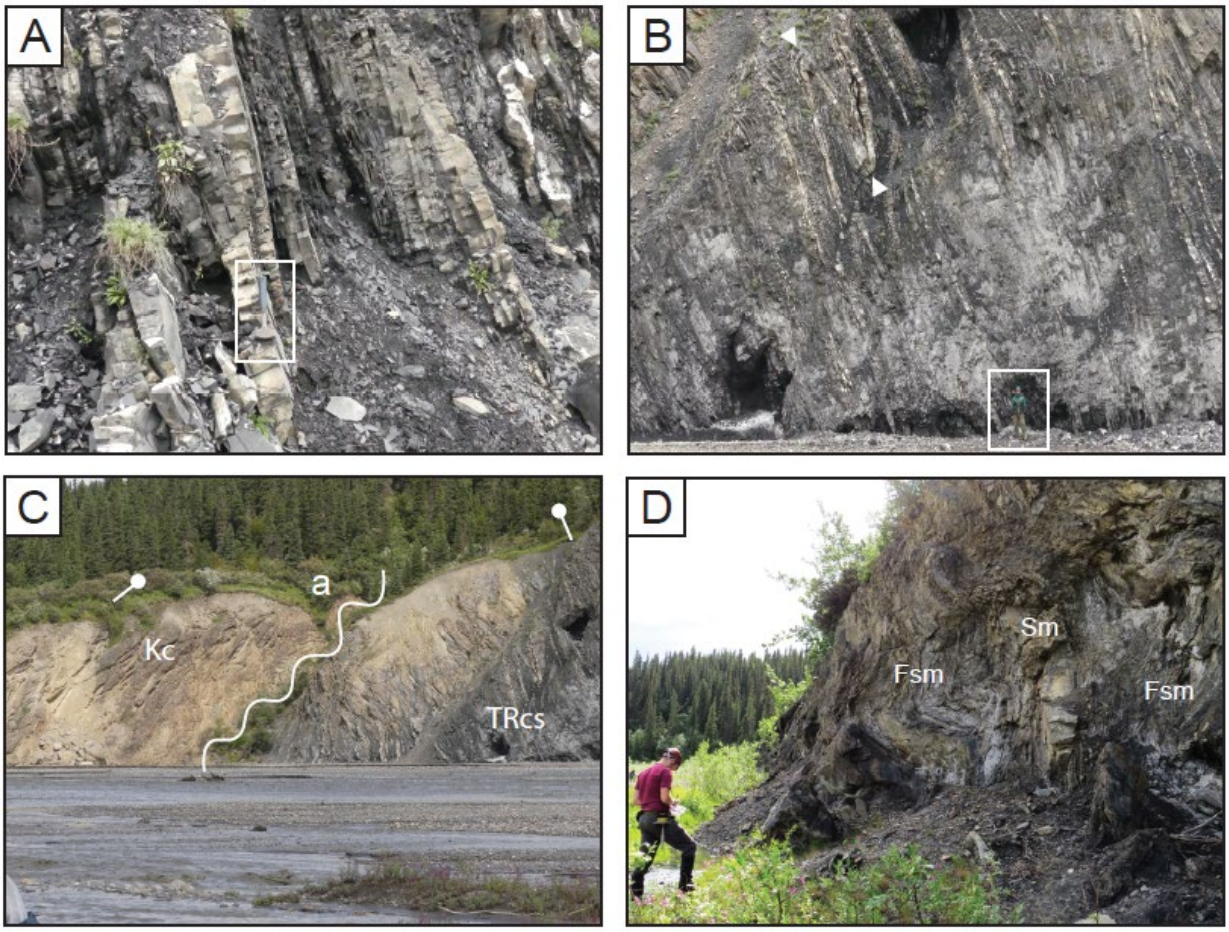
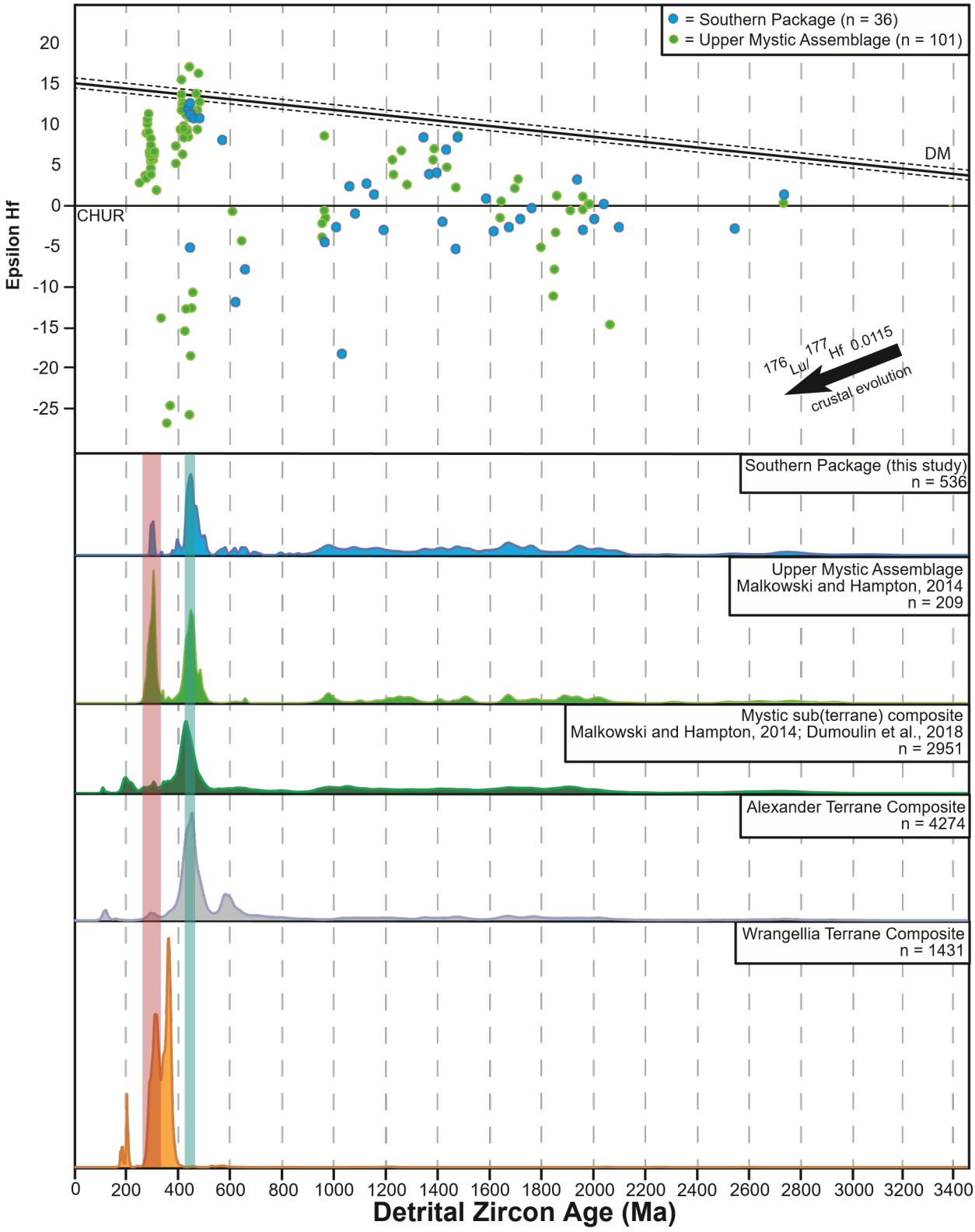


Figure 2.6. Field photographs of the Northern package: (A) Interbedded sandstone and mudstone characteristic of unit TRcs exposed along the eastern side of the Toklat River. Rock hammer for scale in the white box. (B) Isoclinal folds in unit TRcs from the same outcrop shown in Figure 2.4.A. White arrows point to two fold hinges in the upper left corner of the frame. Person for scale in the white box. (C) Angular unconformity between unit TRcs (right; South) and the Upper Cretaceous Cantwell Formation (left; North) exposed along the east side of the Toklat River. Trees for scale. Letter 'a' corresponds to the marked location on Figure 2.2.B. (D) Deformed and foliated rocks of unit KJf. Note the isolated sandstone body (Sm) surrounded by folded mudstone (Fsm). Person for scale.

Figure 2.7. Compiled U-Pb and Hf isotopic data from the Southern package (this study), Upper Mystic Assemblage as defined by Malkowski and Hampton (2014), Mystic (sub)terrane (Malkowski and Hampton, 2014; Dumoulin et al., 2018a), Alexander terrane (Cecil et al., 2011; Beranek et al., 2012, 2013a, 2013b; Tochilin et al., 2014; White et al., 2016), and the Wrangellia terrane (Beranek et al., 2014; Ruks, 2015; Gehrels and McClelland, published in Geisler et al., 2016). All U-Pb plots are normalized plots. The green-blue shaded rectangle represents the Silurian period and the red shaded rectangle represents the Mississippian and Permian periods. The black arrow represents the average crustal evolution pathway assuming the modern 176Lu/177Hf = 0.0115 (Vervoort & Patchett, 1996; Vervoort et al.,1999). DM = depleted mantle (Vervoort & Blichert-Toft, 1999), CHUR = chondritic uniform reservoir (Bouvier et al., 2008).

Figure 2.7. cont.



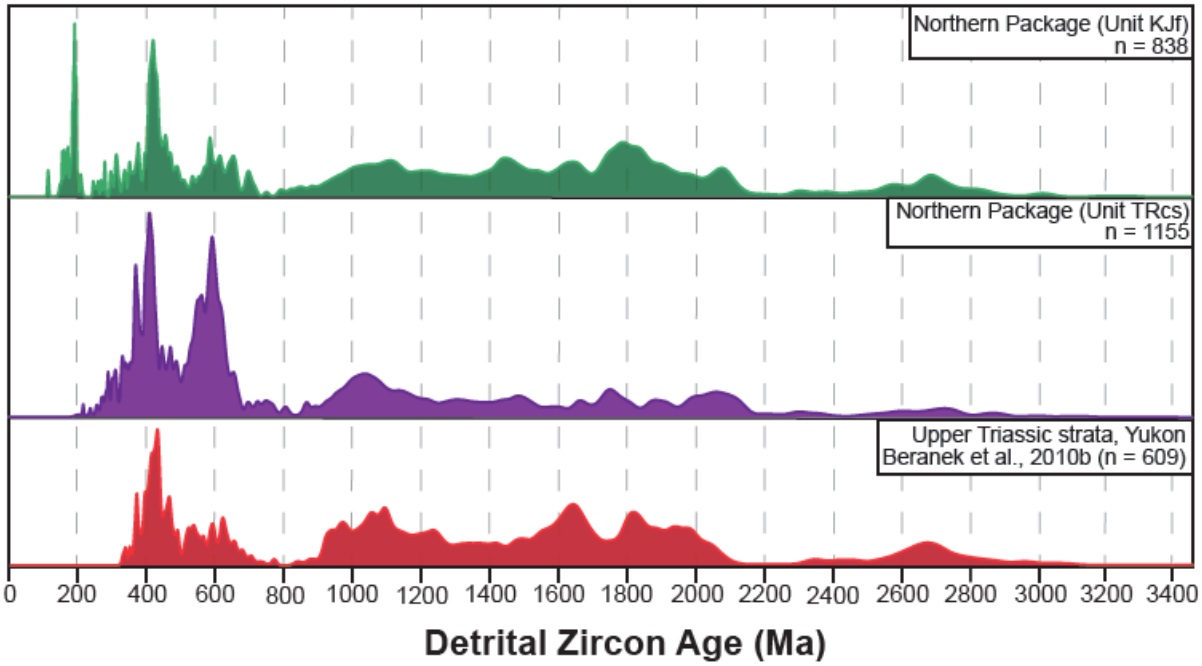
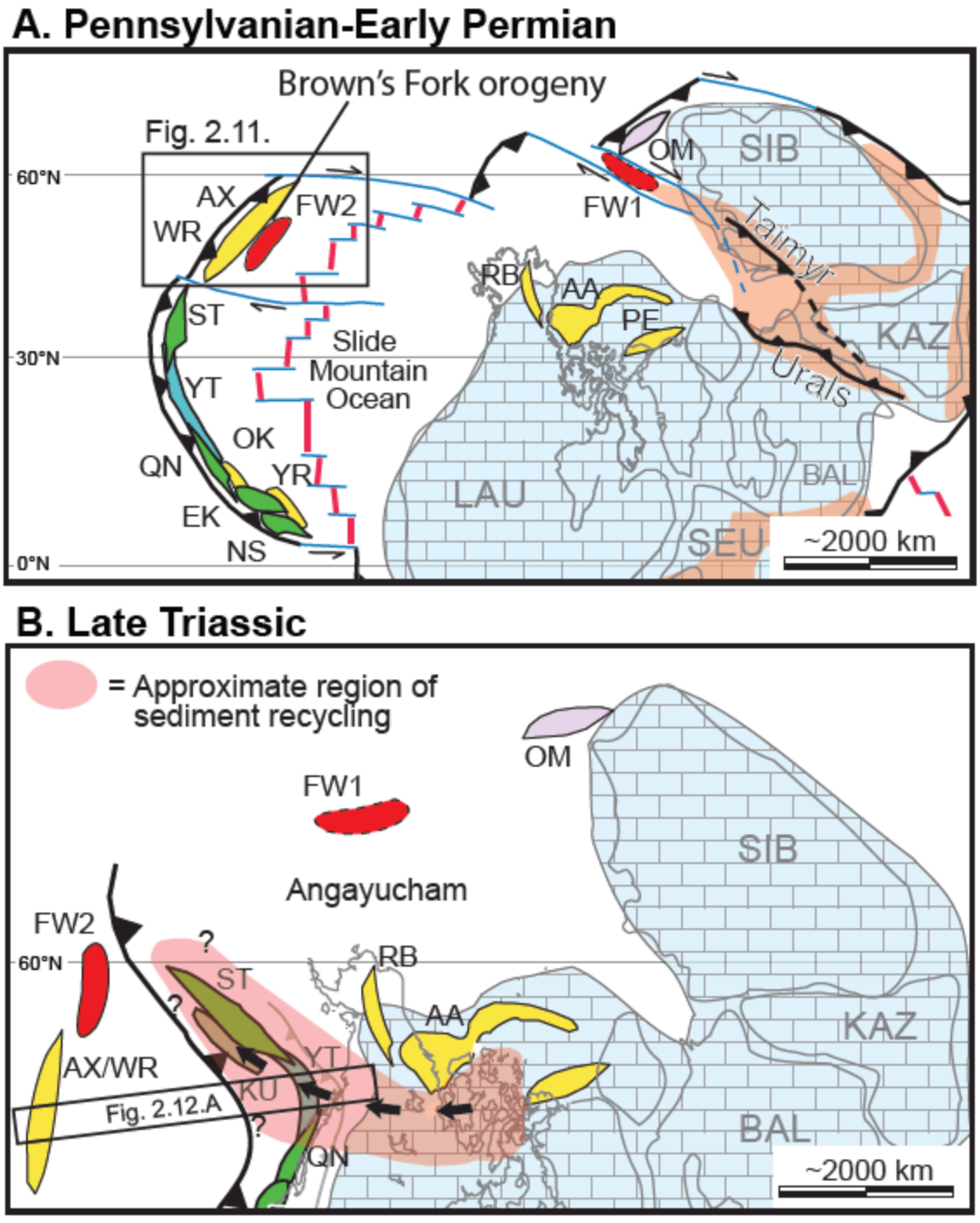


Figure 2.8. Normalized plots for U-Pb detrital zircon ages from the Northern package (this study) and published ages from Upper Triassic strata of the Yukon Territory (Beranek et al., 2010b).

Figure 2.9. Paleogeographic reconstructions modified from Nelson et al. (2013) and Dumoulin et al. (2018a). For both time-steps, Farewell (FW) is shown in our preferred location (solid outline) and the location of Nelson et al. (2013) (dashed outline) after the model of Dumoulin et al. (2018a). FW1 and FW2 refer to two models for evolution of the Farewell terrane discussed in the text. (A) The intermontane and insular terranes are positioned in an archipelago along the western margin of the Slide Mountain Ocean. Farewell is most likely located along the eastern margin of the Alexander/Wrangellia terrane in the Early-Mid Permian during the Brown's Fork orogeny. The location of Figure 2.10., which shows a conceptual tectonic model for this time interval, is indicated by the black box. (B) The Slide Mountain Ocean has closed and the intermontane terranes are positioned along the western Laurentian margin. The faded red zone shows inferred recycling of strata from the Ellesmerian clastic wedge to the northwestern Laurentian margin. The location of Figure 2.11.A, which shows a conceptual cross-section through the continental margin during the Late Triassic, is indicated by the black box. FW = Farewell; LAU = Laurentia; BAL = Baltica; KAZ = Kazakhstan; SIB = Siberia; AA = Arctic Alaska, EK = Eastern Klamaths; NS = Northern Sierras; OK = Okanagan; OM = Omulevka; PE = Pearya; QN = Quesnellia; RB = Ruby; ST = Stikinia; YR = Yreka.

Figure 2.9. cont.



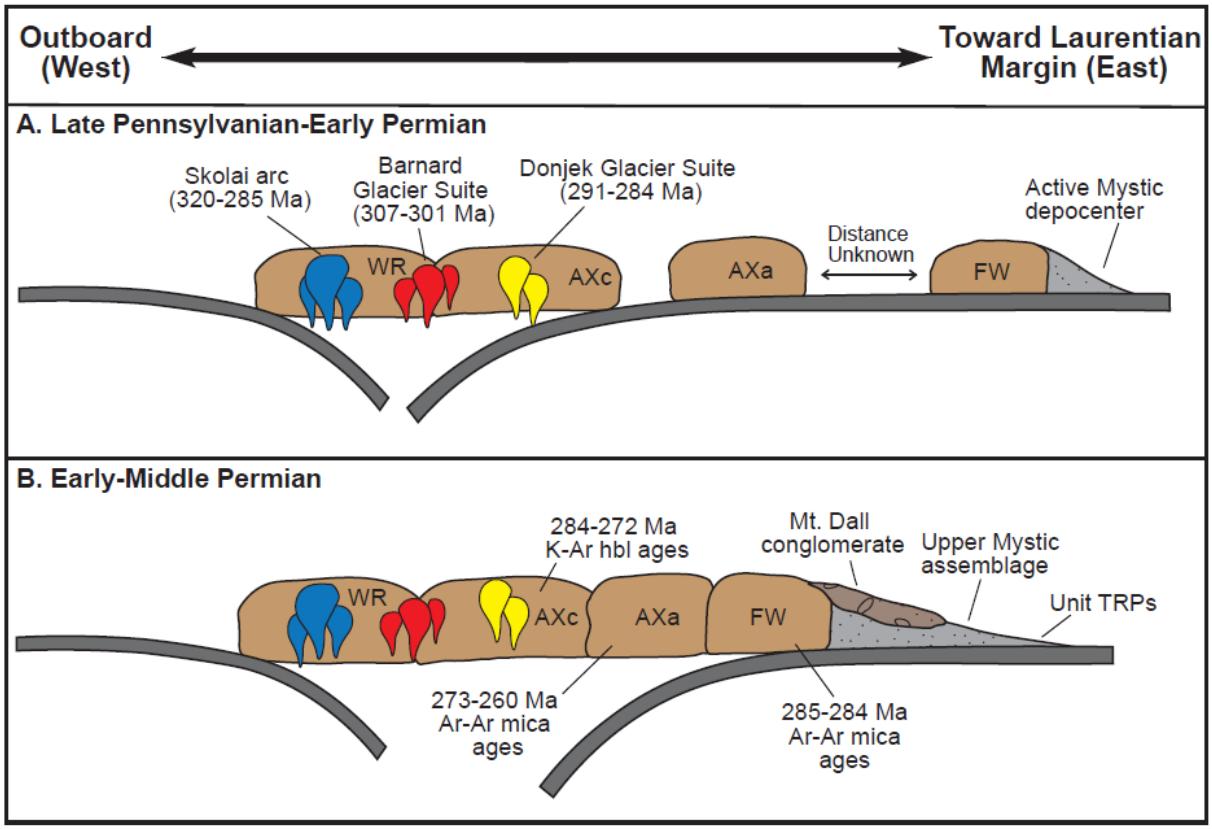


Figure 2.10. Schematic cross-sections showing our preferred interpretation involving Early-Middle Permian collision between Farewell (FW) and the Alexander (AX) and Wrangellia (WR) terranes. (A) Final assembly of Alexander and Wrangellia. Farewell was probably located to the east, distance unknown. Magmatism is ongoing in the Skolai arc and more periodic magmatism is recorded by the Barnard and Donjek Glacier plutonic suites (Beranek et al., 2014). (B) Collision between Farewell and the Alexander-Wrangellia terrane. Submarine strata of the Mystic terrane including unit TRPs of the Southern package are actively deposited in the distal part of the clastic wedge along the passive eastern margin of Farewell. Axa = Admiralty sub-terrane; Axc = Craig sub-terrane.

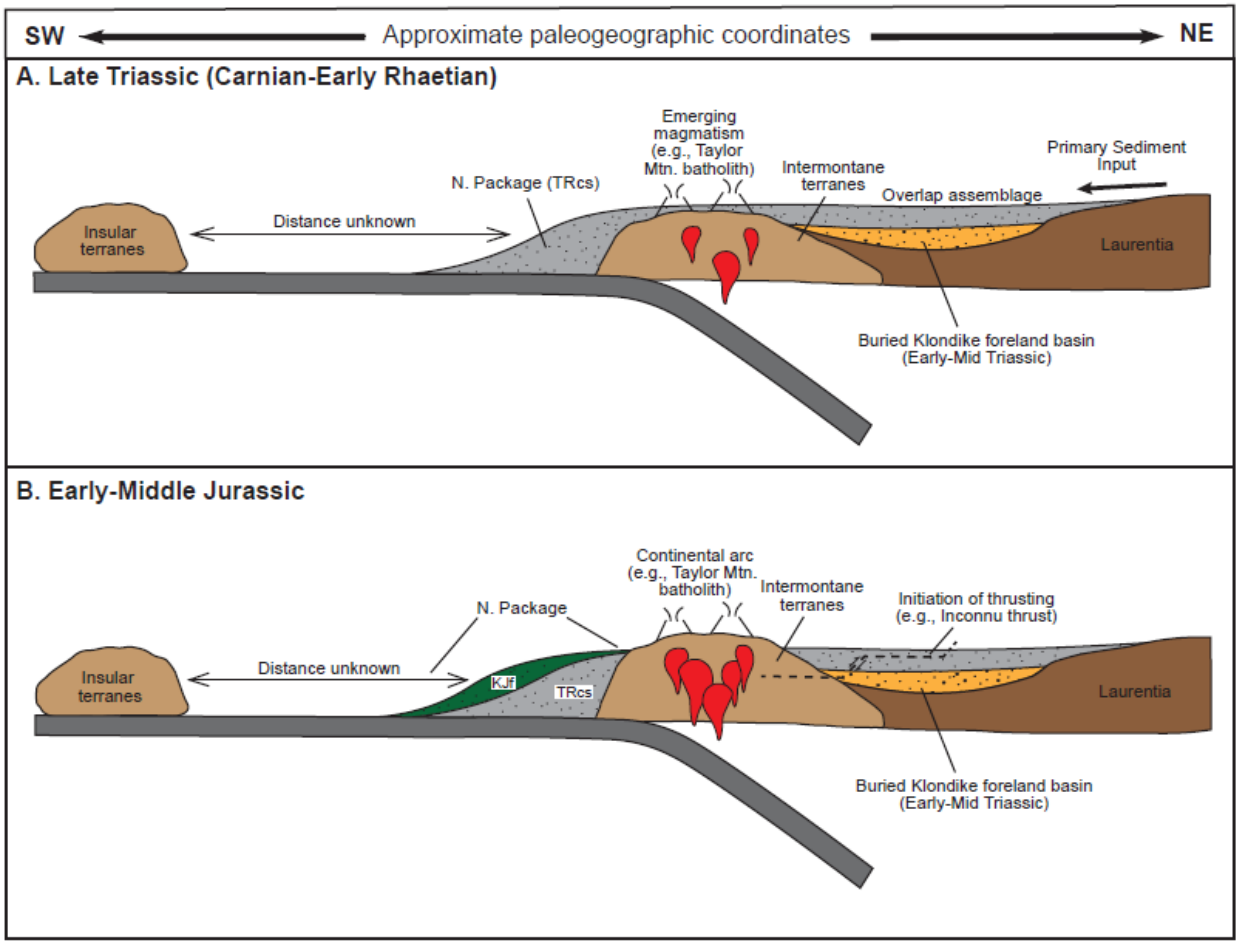


Figure 2.11. Schematic cross-sections showing the configuration and tectonic context of Late Triassic-Jurassic depocenters recorded by the Northern package. (A) Unit TRcs is deposited along the outboard side of the intermontane terranes coeval with deposition of an overlap assemblage between the intermontane terranes and Laurentia (Murphy et al., 2006; Beranek and Mortenson, 2011). Initial magmatism was ongoing locally and contributed small Triassic populations to unit TRcs. (B) Unit KJf is deposited along the continental margin coeval with continental arc magmatism and deformation involving and inboard of the intermontane terranes. Recycling of sediment from the continental overlap assemblage was likely limited by new topography.

Table 2.1. Evidence for Affinity of Cordilleran Terranes

Terrane Affinity/ Realm (after Nelson et al., 2013)	Terranes (Alaska, Yukon, and N. British Columbia)	Evidence for Affinity	Key References
Arctic/Northeastern Pacific Realm Specific early Paleozoic connections: • Caledonides • Baltican craton • Siberian craton	• Arctic Alaska-Seward-Chukotka • Angayucham • Farewell • Alexander • Wrangellia	Siberian and NE Laurentian faunal assemblages. Detrital zircon ages within the North American magmatic gap (Van Schmus et al., 1993). Heterogeneous basement reflected by diverse Proterozoic detrital zircon populations. Grenvillian detrital zircons (1.0-1.3 Ga). Late Neoproterozoic (700-540 Ma) detrital zircons. Ordovician-Silurian magmatism (also reflected in detrital zircon populations).	Gehrels and Saleeby, 1987; Gehrels, 1990; Patrick and McClelland, 1995; Gehrels et al., 1996; Yorath et al., 1999; Nokleberg et al., 2000; Blodgett et al., 2002; Dumoulin et al., 2002; Bradley et al., 2003, 2007; Amato et al., 2006; McClelland et al., 2006.
Peri-Laurentian Realm	• Yukon-Tanana • Slide Mountain • Quesnellia • Stikinia • Cache Creek	Common basement between Peri-Laurentian terranes and autochthonous Laurentian assemblages. Detrital zircon ages from 1.8-2.0 Ga and minor recycled detritus from the Grenville orogen (1.0-1.3 Ga). Neoproterozoic-Devonian magmatic lull. Late Devonian-Mississippian plutons intruded into Peri-Laurentian terranes.	Wheeler et al., 1991; Gehrels and Kapp, 1998; Dusel-Bacon et al., 2004, 2006; Devine et al., 2006; Nelson et al., 2006; Piercey and Colpron, 2006; Piercey et al., 2006; Colpron et al., 2007; Nelson and Gehrels, 2007; Pecha et al., 2016.

**Evidence for affinity primarily derived from comprehensive review articles by Nelson et al. (2006), Colpron et al., (2007), Colpron and Nelson (2009), and Nelson et al., (2013).*

Table 2.2. Summary of potential silicic detrital zircon sources

Terrane/Basin/Region	Rock type/unit	Primary age populations	References
Arctic Alaska/Seward/Chukotka composite terrane	Orthogneiss and metavolcanics	970, **750-540**, **680-670**, **580-420, 330-280** Ma	Amato et al., 2006, 2009; Cecile et al., 1991; McClelland et al., 2006; Miller et al., 2006; Patrick and McClelland, 1995.
Farewell terrane	Rhyolite and orthogneiss	**980-920** Ma and ca. 850 Ma	Bradley et al., 2003, 2007; Dumoulin et al., 2018a; McClelland et al., 2006.
Alexander terrane	Metavolcanic and metaplutonic rocks (Wales Group.)	595 Ma and 565 Ma and 560-530 Ma	Beranek et al., 2012; Gehrels and Saleeby, 1987; Gehrels et al., 1996; White et al., 2016.
	Descon arc	**472-418 Ma**	
Wrangellia terrane	Sicker Group	370-339, 313, 309, and 295 Ma	Aleinikoff et al., 1988; Beard and Barker, 1989; Beranek et al., 2014; Dodds and Campbell, 1988; Gardner et al., 1988; Nokleberg et al., 1986; Plafker et al., 1989; Romero et al., 2020; Ruks, 2015; Ruks and Mortenson, 2007; Ruks et al., 2009, 2010.
	Skolai arc and Strelna metamorphic assemblage	**320-285 Ma**	
	Barnard Glacier plutonic suite	**307-301 Ma**	
	Donjek Glacier plutonic suite	**291-284 Ma**	
Intermontane terranes • **Yukon-Tanana** • **Quesnellia** • **Slide Mountain** • **Stikine**	Taylor Mtn. batholith	**216-181 Ma**	Aleinikoff et al., 1986; Colpron, 2011, 2015; Day et al., 2003, 2014. Dusel-Bacon and Aleinikoff, 1985; Dusel-Bacon and Williams, 2009. Dusel-Bacon et al., 2004, 2006; Gordey and Makepeace, 2001; Hart and Radloff, 1990; Hart et al., 1995; Johnston et al., 1996; Mortenson, 1990, 1992; Nelson et al., 2006; Pecha et al., 2016, and references therein.
	Augen gneiss and orthogneiss	380-320 Ma	
	Plutons hosted by Stikine and Quesnellia terranes	220-206, **204-195, 190-178,** and **174-168 Ma**	
	Tracy Arm assemblage (YTT, summarized by Pecha et al., 2016).	ca. 1700-2500, 2000-1600, 1200-900 Ma	
	Endicott Arm assemblage (YTT, summarized by Pecha et al., 2016).	ca. 2800-2600, 2000-1550, 1500-1400, 1400-900, **460-320 Ma**	

Note: Bolded ages are most important to provenance interpretations discussed in the text.

CHAPTER 3. DEPOSITION AND DEFORMATION OF THE LATE CRETACEOUS CANTWELL BASIN, CENTRAL ALASKA RANGE: POST-COLLISIONAL BASIN FORMATION IN THE ALASKA RANGE SUTURE ZONE

3.1 Introduction

The Cantwell basin contains one of the most complete records of Late Cretaceous depositional systems, regional sediment transport pathways, paleo-floral and -faunal assemblages, and deformational regimes in south-central Alaska. The basin consists of 4 km of mainly non-marine siliciclastic strata, the Cantwell Formation, exposed in the central Alaska Range between the Hines Creek and Denali fault systems (Hickman et al., 1990; Ridgway et al., 1997). The Cantwell Formation is characterized by thick successions of conglomerate, sandstone, siltstone, and minor coal interpreted to represent alluvial fan and braided stream deposits. Intervals consisting of sandstone, shale, and minor limestone are interpreted to represent marginal marine and lacustrine deposits (Trop and Ridgway et al., 1997; Ridgway et al., 1997). Strata of the Cantwell Formation also contain abundant bird and dinosaur trackways, along with understudied high-latitude paleoclimate records examined primarily within Denali National Park and Preserve (DENA) (e.g., Fiorillo et al., 2011, 2016, 2018; Salazar-Jaramillo, 2014; Tomsich et al., 2014). The Cantwell basin was deformed during and following deposition and has been continuously overprinted throughout the Cenozoic (Hickman et al., 1990; Ridgway et al., 1997; Cole et al., 1999; Trop et al., 2019a). Despite the importance of the Cantwell basin from a regional stratigraphic and tectonic perspective, an integrated chronostratigraphic and structural framework has not been established.

Previous stratigraphic studies of the Cantwell basin were either part of regional geologic mapping efforts (e.g., Csejtey et al., 1986; 1992; Hickman et al., 1990), or focused on broadly discerning depositional environments, syn-depositional deformation, and composition-based sediment provenance (Trop, 1996; Ridgway et al., 1997; Trop and Ridgway, 1997). An integrated basin-scale structural and stratigraphic framework is now necessary to refine stages of basin development at a resolution that can be used to analyze the evolution of the Cantwell basin within tectonic, stratigraphic, and paleontological contexts. The goals of this study are to develop the first comprehensive structural and stratigraphic framework for the Cantwell basin, accurately define

the paleogeographic and tectonic setting of the basin using modern provenance tools, and integrate data from the basin with regional stratigraphic and deformational records within and surrounding the crustal-scale suture between the Wrangellia composite terrane and ancestral North American margin (Alaska Range suture zone; ARSZ) (e.g., Ridgway et al., 2002; Brennan et al., 2011).

To this end, we present the following components of our analysis: (1) A composite type section that we correlate throughout the basin to published measured sections of Trop (1996) and Ridgway et al. (1997). (2) 1:24,000-scale geologic mapping and three structural cross-sections within the most continuous and well-exposed outcrop belt within DENA along the northwestern basin margin. (3) U-Pb detrital zircon ages for 13 sandstone samples (n=4657) with stratigraphic control to add a new perspective to previous composition-based provenance analysis (Trop and Ridgway, 1997). Results of this study show that the Cantwell basin contains the first stratigraphic record in the retroarc within a convergent margin system established following terminal suturing of the Wrangellia composite terrane (WCT) to the ancestral North American Margin (NAM). Progressive Late Cretaceous-Eocene deformation of the Cantwell basin records post-collisional contraction in the Alaska Range suture zone and the transition to strike-slip tectonics in the Eocene.

3.2 Geologic Background

3.2.1 Regional Geologic Setting

The Cantwell basin forms the structurally and stratigraphically highest part of the ARSZ (Ridgway et al., 2002). The present-day surface expression of the ARSZ is defined as the region between the Talkeetna fault to the south and the Hines Creek fault to the north, including the northern Talkeetna mountains and the central Alaska Range (Ridgway et al., 2002). The crustal-scale architecture of the ARSZ has been best-defined by geophysical studies combining aeromagnetic data (Saltus et al., 1997, 2007; Glen et al., 2007) and stacked receiver functions (Brennan et al., 2011; Brennan, 2012). These data reveal three key components of the suture zone: (1) the ancestral North American margin (NAM) to the north, which served as the collisional backstop in the Mesozoic; (2) the WCT to the south, which is thought to have collided obliquely from south to north along the continental margin (Ridgway et al., 2002); and (3) deformed sedimentary basin assemblages and metamorphic suites that represent the suture zone itself (Brennan et al., 2011). The upper crustal and surficial evolution of the ARSZ is best recorded by pre-, syn-, and post-collisional

sedimentary basins. The Kahiltna basin, exposed in the northern Talkeetna Mountains and the western and central Alaska Range, records Late Jurassic-early Late Cretaceous syn-collisional sedimentation in a remnant ocean basin between the ancestral NAM and the WCT (Figure 3.1.) (e.g., Hampton et al., 2007, 2010; Kalbas et al., 2007; Box et al., 2019; Romero et al., 2020). Along strike, the record of syn- to post-collisional suture zone development at mid-crustal levels includes the Valdez Creek Shear Zone, where Upper Jurassic-Lower Cretaceous marine strata were metamorphosed at 25 km depth and rapidly exhumed to the surface (Davidson et al., 1992; Ridgway et al., 2002; Link, 2017).

3.2.2 Existing Structural and Stratigraphic Framework

Geologic Mapping

Early geologic mapping of the Cantwell basin was largely part of regional structural analyses and primarily focused on the area east of the Nenana River (Hickman, 1974; Hickman et al., 1990; Sherwood, 1979). West of the Nenana River, within DENA, the geologic maps of Reed (1961) in the McKinley quadrangle (approximately west of the Toklat River) and Gilbert and Redman (1975) in the Healy quadrangle (approximately east of the Toklat River), served as the starting point for geologic mapping in this study. The mapping of Reed (1961) focused heavily on Quaternary and glacial deposits with bedrock less differentiated. In contrast, the mapping of Gilbert and Redman (1975) focused on Paleozoic-early Cenozoic bedrock with excellent data coverage for the Healy C-6 quadrangle. One result of these various maps with very different focuses was poor data agreement along the McKinley/Healy quadrangle boundary near the Toklat River, as well as inconsistent data coverage across the area of interest for this study. Additional high-resolution mapping was conducted by Cole et al. (1999) with a focus on the Paleocene-Eocene Teklanika volcanics in the Healy quadrangle. Regional compilations for the Healy quadrangle by Csejtey et al. (1986, 1992) and for the Alaska state map (Wilson et al., 2015) generally integrated available data but did not include the more detailed mapping of Gilbert and Redman (1975).

Age Control

The age of the Cantwell Formation was originally determined using plant fossils, which resulted in conflicting age determinations ranging from Cretaceous-Paleocene (Chaney, 1937; Imlay and Reeside, 1954; Wolfe and Wahrhaftig, 1970; Hickman, 1974). More refined age constraints now include systematic palynological constraints on the ages of measured sections (Ridgway et al., 1997) and several bentonites dated using U-Pb Laser Ablation Inductively Coupled Plasma Mass Spectrometry (LA-ICPMS) (Tomsich et al., 2014; Salazar-Jaramillo, 2016; Trop et al., 2019a). Ridgway et al. (1997) reported results of palynologic analyses from 135 fine-grained samples that yield an age range of late Campanian-early Maastrichtian for the Cantwell Formation. Recently dated bentonites yield ages between 88.0 ± 0.4 Ma and 67.8 ± 0.2 Ma, suggesting that the Cantwell Formation may have been deposited over a greater period of time (Tomsich et al., 2014; Salazar-Jaramillo, 2016; Trop et al., 2019a). Dated bentonites are not directly tied to measured sections and none are near the basal contact of the Cantwell Formation. Most dated bentonites are near the upper contact between the Cantwell Formation and Teklanika volcanics and range in age from approximately 71-67.8 Ma (Trop et al., 2019a).

Structural and Stratigraphic Analyses

The first studies to examine the Cantwell basin focused on the regional structural and stratigraphic framework of the central Alaska Range, primarily in the Wood River area east of DENA (e.g., Hickman, 1974; Csejtey et al., 1986; Hickman et al., 1990; Sherwood, 1979; Sherwood and Craddock, 1979). These workers interpreted the Cantwell basin as a strike-slip pull-apart basin related to the Hines Creek and Denali fault systems. Ridgway et al. (1997) later re-interpreted the Cantwell basin as a syn-tectonic thrust-top basin based on regionally extensive features such as growth footwall synclines and progressive unconformities along the southern basin margin, as well as provenance data suggesting sediment input from local thrust sheets located just south of the basin and a regional anticlinorium to the north (Trop and Ridgway, 1997). Reconstruction of depositional environments from isolated exposures suggests that both the northern and southern basin margins featured alluvial fan and braided fluvial systems that are inferred to have coalesced into an axial system that drained the basin to the east. A significant component of lithic sandstone clasts in Cantwell Formation conglomerate is interpreted as

evidence for re-working of the Cantwell Formation and deposition within an active thrust belt involving periodic uplift of the basin margin. Extensive lacustrine deposits are thought to be most prevalent along the southern basin margin and provide further evidence for an asymmetric basin floor sloping to the south. Marginal marine influence near the top of the Cantwell Formation is suggested by marine dinoflagellates recovered from several locations in the basin, as well as a thin algal and oncolitic limestone bed at Double Mountain (Figure 3.1., DM1) (Ridgway et al., 1997).

Previous structural analyses within DENA indicate that the Cantwell Formation and overlying Teklanika Formation record deformation under distinct tectonic regimes (Cole et al., 1999). The Cantwell Formation was deformed by north-directed compression resulting in tight, east-west-oriented folds that pre-date deposition of the Teklanika Formation (pre-Late Paleocene). The Teklanika Formation volcanics are a bimodal suite of volcanic flows at least 2750 m thick thought to correspond with subduction of the Kula-Farallon plate and emplacement of the McKinley suite of plutons (Gilbert et al., 1976; Cole et al., 1999; Bradley et al., 2003). Folds in the Teklanika Formation are more open, with northeast-southwest oriented axes. This later deformational style and the orientation of structures is interpreted to reflect simple shear associated with dextral displacement on the Denali and Hines Creek fault systems, no earlier than 55 Ma (Cole et al., 1999). Additional post-Pliocene deformation of the Cantwell basin is supported by folding of the Miocene Usibelli Group and Pliocene Nenana gravel within DENA (Gilbert and Redman, 1975).

Paleontology and Paleoclimate

The most recent interest in the Cantwell Formation has stemmed from abundant bird and dinosaur trackways found within DENA (e.g., Fiorillo et al., 2009, 2011, 2014a, 2014b, 2018). Trace fossils of vertebrate fauna in the Cantwell Formation include various fishes, theropods, ceratopsians, pterosaurs, therizinosaurs, and hadrosaurs (Fiorillo et al., 2007, 2009, 2011; Fiorillo and Adams, 2012). Study of these prolific tracksites has yielded new insights into herd structures and the evolution of these fauna at an especially high paleo-latitude site (Fiorillo et al., 2011, 2018). Workers have also begun to use records of paleo-fauna, flora, and climate to search for links between the Cantwell Formation and other Late Cretaceous Arctic track sites such as the Prince Creek Formation of the North Slope of Alaska (Fiorillo et al., 2016; Tomsich et al., 2010, 2014; Salazar-Jaramillo, 2016). For example, $\delta^{13}C$ isotope analysis of organic material from part

of the Cantwell Formation dated at 69.5 ± 0.7 Ma suggests that a mid-Maastrichtian warming event recognized globally is recorded in the Cantwell Formation (Salazar-Jaramillo, 2016).

3.3 Methods

3.3.1 Stratigraphic Nomenclature

Early studies of the Cantwell Formation typically used the terminology "upper" and "lower" Cantwell Formation to refer to the Upper Paleocene-Lower Eocene Teklanika volcanics and the Upper Cretaceous Cantwell Formation, respectively (e.g., Wolfe and Wahrhaftig, 1970; Csejtey et al., 1992; Ridgway et al., 1997). More recently, the long-standing informal name "Teklanika Formation" (Gilbert et al., 1976) has been used for the volcanic sequence, while "Cantwell Formation" refers only to the sedimentary basin assemblage (e.g., Trop et al., 2019a). We conform to this newer terminology as separate formations are warranted by distinct lithologies, a depositional hiatus, and an angular unconformity between the Cantwell Formation and the Teklanika volcanics. We further divide the Cantwell Formation into a two-part stratigraphic framework. In this paper, we use the term Polychrome Member to refer to the lower approximately 50% of the Cantwell Formation and the term Cabin Creek Member to refer to the upper approximately 50%. We find that this sub-division of the formation is necessary to describe up-section lithofacies changes in enough detail to constitute a detailed stratigraphic framework. We have also mapped these members in our primary study area.

3.3.2 Stratigraphic Analysis

Our stratigraphic analysis is based on construction of a composite type section for the Cantwell Formation and correlation of this type section with existing measured sections (Figures 3.3. and 3.6.). Based on reconnaissance work, we identified the ideal location to document a type section as Polychrome Mountain and the Cabin Divide areas (Figure 3.2.). This section captures the range of lithofacies documented in measured sections by previous workers (Ridgway et al., 1997; Trop and Ridgway., 1997; Fiorillo et al., 2018) and includes several key stratigraphic relationships. These include a depositional contact between the Cantwell Formation and Upper Triassic basalt on the south side of Polychrome Mountain just east of the Toklat River, excellent exposures of the Cantwell Formation (Polychrome Member) on the flanks of Polychrome

Mountain, and more isolated but still well-exposed sections of the upper Cantwell Formation in the Cabin Divide area (Cabin Creek Member).

Stratigraphic data were collected using standard methods of measuring section using a Jacob staff. Data collected from stratigraphic sections include bedding thickness, geometry and lateral extent, grain size, sedimentary structures, color, conglomerate clast counts, maximum particle size measurements, and documentation of fossils. Field mapping was conducted to correlate between individual measured sections that comprise the type section. From this mapping, we were able to estimate stratigraphic thickness for intervals that were inaccessible due to terrain challenges such as cliffs, heavily vegetated areas, and braided rivers. Clear correlations were most limited in the transition from the Polychrome Member to the Cabin Creek Member near Cabin Divide where strata are deformed by more abundant, shorter wavelength folds and exposures are relatively isolated and vegetated.

3.3.3 Geologic Mapping

Geologic mapping in the study area was conducted over two field seasons as part of a USGS EDMAP cooperative project for which the final map products are available in the supplementary files. This mapping data is also used in Figures 3.2., 3.8., and 3.9.A. New mapping at 1:24,000-scale was completed within an approximately 20 km by 10 km area north of the DENA park road between the Toklat River to the west and Igloo Creek to the east (Figure 3.2.). Using stratigraphic data from our type section, one of the goals of mapping at this scale was the delineation of individual members within the Cantwell Formation. Another important addition to this map is data agreement between the Healy quadrangle, within which most of our mapping was conducted, and the easternmost McKinley quadrangle. This boundary lies just east of the Toklat River. Therefore, mapping along the Toklat River corridor was especially important in resolving data previously in disagreement between the maps of Reed (1961), Gilbert and Redman (1975), and Csejtey et al. (1986, 1992).

Data outside of the area described above is a compilation of new mapping with the maps of Reed (1961), Gilbert and Redman (1975), Csejtey et al. (1992), Cole et al. (1999), and the Alaska State geologic map compilation of Wilson et al. (2015). Data compilation was completed in ESRI ArcMap version 10.6.2. In areas where we did not conduct our own mapping, we utilized the highest-resolution data available. Since the compilation of Wilson et al. (2015) incorporated

all existing data in this area except for those of Gilbert and Redman (1975), their data were used for this purpose anywhere outside the Healy C-6 quadrangle.

3.3.4 U-Pb Detrital Zircon Geochronology

Analytical Methods

All detrital zircon samples were crushed, separated, and mounted at the Arizona LaserChron Center (ALC; www.laserchron.org) via standardized methods of physical and chemical separation (Gehrels et al., 2008; Gehrels, 2012, 2014; Gehrels and Pecha, 2014). SEM-generated cathodoluminescence (CL) images were used to select grains without complex crystallographic domains and back-scattered electron (BSE) images were used to avoid grains that were not zircon. Grains were selected randomly without bias toward size or shape, and fractures were avoided to minimize the introduction of common Pb. All U-Pb analyses were conducted using laser ablation-inductively coupled mass spectrometry (LA-ICPMS). All analyses completed prior to 2019 were conducted using a Thermo Element2 single collector ICPMS and samples analyzed in 2019 and 2020 were conducted using both the Thermo Element2 and a Nu Plasma multicollector ICPMS (Gehrels et al., 2008). Analyses conducted on the Nu Plasma multicollector ICPMS utilized rapid acquisition (3s/analysis) protocols as outlined by Sundell et al. (2020). A spot diameter of 20-30 μm was used for all analyses. Data reduction for analyses conducted on the Element2 was completed using "AgeCalc" protocols, in-house protocols developed by the ALC. Data reduction for analyses conducted on the Nu Plasma Multicollector was completed using AgeCalcML (Sundell et al. 2020). Probability density plots of detrital zircon data were generated using Isoplot 4.15 (Ludwig, 2012) and age peaks for detrital zircon spectra were calculated using Age Pick software (Gehrels, 2012). Raw data for all U-Pb analyses are in Appendix D.

Maximum Depositional Ages

Throughout this paper, we report maximum depositional ages (MDAs) from detrital zircon samples analyzed in this study. MDAs can be an accurate representation of depositional age where a significant population of the youngest detrital zircon grains approximates the depositional age (Dickinson and Gehrels, 2009). This is most likely to be the case when there was silicic arc magmatism or active exhumation of silicic plutons occurring nearby coeval with deposition. Since

independent age control exists for parts of the Cantwell Formation (Ridgway et al., 1997; Trop et al., 2019a), we present MDAs calculated using three methods of Dickinson and Gehrels (2009) in order to assess the accuracy of MDAs in this case (Table 3.1.). These MDAs are calculated as follows: (1) YSG: the MDA is considered to be the age of the youngest single detrital zircon grain in a given sample; (2) YPP: the MDA is approximated by the youngest graphical age peak representing more than one detrital zircon; and (3) YC2σ(3+): the MDA is calculated as the weighted mean age of the three youngest grains that overlap in age within 2-sigma error. The latter is typically considered a conservative estimate of the MDA and we will discuss MDAs calculated using this method most often in comparisons with independent age control.

3.4 Results

3.4.1 Type Section Stratigraphy – Polychrome Member

Type Locations and Measured Sections

The lower part of the Polychrome Member is best exposed on the south and east sides of Polychrome Mountain and the upper part is best exposed in the Tattler Creek/Sable Mountain area and along the East Fork River (Figures 3.2. and 3.8.). This member is represented by measured sections PC1L, PC1 (cf., Trop, 1996), RC1, and EF2, from lowest to highest. The base of section PC1L is a depositional contact between the Cantwell Formation and Triassic basalt (Figure 3.2., unit TRbd; Figure 3.4.A). Correlations were made in the field between measured sections based on detailed mapping. We estimate that no more than 100 m of stratigraphic section is missing between sections PC1L and PC1 and between PC1 and RC1. Because of a thrust fault between sections RC1 and EF2 (Figure 3.2.), it is difficult to estimate missing stratigraphic section. However, based on our observations of lithofacies trends throughout this area, it is clear that EF2 represents the uppermost Polychrome Member.

Sedimentology

The Polychrome Member fines gradationally upward and is characterized in the lowermost 180 m (Figure 3.3., section PC1L) by clast-supported, cobble-boulder conglomerate with a sandy matrix and interbedded massive sandstone. Conglomerate clasts are well-rounded but poorly

organized, lacking clear imbrication. Individual conglomerate beds are typically several meters thick, laterally continuous, and sometimes include localized lenses of coarse-grained sandstone. The average maximum particle size is 11.7 cm, though some clasts are as large as 28 cm. Coarse-very coarse, massive sandstone beds range in thickness from 1-4 m and comprise less than 10% of total stratigraphic thickness.

The middle ~1200 m of the Polychrome Member is characterized by interbedded pebble-cobble conglomerate, sandstone, and minor siltstone. This part of the stratigraphy generally continues to fine upward, though some cyclicity exists between conglomerate-dominated and sandstone-dominated packages within a stratigraphic section of several hundred meters. In conglomerate-dominated successions such as in much of section PC1 (Figure 3.3.), conglomerate beds range from one to several meters thick and are laterally continuous and tabular (Figure 3.4.B). Conglomerate beds are clast-supported, well-organized, and clast imbrication is common. The average maximum particle size is 6 cm (section PC1, Trop, 1996; Ridgway et al., 1997). Sheet conglomerates are interbedded with medium-coarse grained, trough cross-stratified or massive sandstone and minor siltstone. Lenses of trough cross-stratified sandstone are also present locally within conglomerate beds. Multiple upright tree casts were observed where pebble-cobble conglomerate is concentrated around the base of the trees and interbedded pebble conglomerate, sandstone, and siltstone encases the upper part of the trunks (Figure 3.4.C).

Sandstone-dominated intervals, best represented by section RC1, are characterized by medium-coarse-grained sandstone beds with abundant internal scouring and planar and trough cross-bedding (Figure 3.3.). Pebble lags are common at the base of scour surfaces and transported plant material is common. Shallow, lenticular bodies fine upward from granule-pebble conglomerate at the base to massive, medium-grained sandstone at the top. The average maximum particle size of conglomerate beds is 3.5 cm and the thickness of these bodies rarely exceeds three meters. Interbedded massive and ripple cross-laminated siltstone and fine sandstone beds display abundant bioturbation and thin, organic-rich mudstones are sometimes present. Fossils most commonly include leaf imprints in fine-grained beds, though a relatively small, likely juvenile theropod trackway was found on the base of one coarse-grained sandstone bed (Figure 3.4.E).

Section EF2, along the west bank of the East Fork River (Figure 3.3.) documents lithofacies diagnostic of the uppermost Polychrome Member. The maximum thickness of this part of the stratigraphy is uncertain, but our observations along the East Fork River and Tattler Creek suggest

that at least 450 m of similar stratigraphy is present. Section EF2 is characterized by three distinguishable lithofacies separated by sharp contacts (Figures 3.4.F-H):
(1) Medium-coarse-grained, massive and trough cross-stratified sandstone with abundant internal scouring (Figure 3.4.F, right side). Sandstone is usually organized in broadly lenticular bodies several meters thick with individual bedding thicknesses of 10-30 cm. The largest sandstone body of this type featured granule conglomerate lags associated with trough cross-beds within 20-50 cm thick beds. (2) Nodular, very thinly bedded carbonaceous siltstone and shale with lignite breaks. This lithofacies usually comprises sections approximately 2-5 m thick (Figures 3.5.F-H). (3) Fine-grained, ripple cross-laminated sandstone with abundant plant debris and mud drapes (Figure 3.4.G). Individual bedding thicknesses are less than 10 cm and this lithofacies comprises sections 1-3 m thick (Figures 3.5.F-H). The transition between siltstone and sandstone is typically gradational (Figure 3.5.G).

3.4.2 Type Section Stratigraphy – Cabin Creek Member

Type Locations and Measured Sections

The Cabin Creek Member is well-exposed and relatively accessible in the Cabin Divide area, just south of the Wyoming Hills (Figure 3.2.). This member is more extensively folded and outcrops are much more heavily vegetated than exposures of the Polychrome Member. As a result, the CAB01 section serves as a good type section for characteristic lithofacies, but does not record the true stratigraphic thickness of the member. In the field, the transition between the Polychrome Member and the Cabin Creek Member can be somewhat cryptic as the Polychrome Member becomes progressively more mud-dominated up-section. The key characteristics of the Cabin Creek Member that distinguishes it from the uppermost Polychrome Member are thick, laminated mudstone intervals and sandstone beds with abundant symmetric ripples. We further address variation in the Cabin Creek Member outside of the type section in the following sub-section.

Sedimentology

The stratigraphic architecture of the Cabin Creek Member is characterized by rhythmically interbedded sandstone, siltstone, and shale (Figure 3.3.). Individual beds are laterally continuous and easily traced for hundreds of meters (Figure 3.5.A). Sandstone beds range in thickness from

0.5-5 m with sharp upper and lower contacts. Sandstone is fine-medium-grained and massive or ripple cross-laminated. The tops of many sandstone beds contain well-preserved symmetric ripples and interference ripples are sometimes present (Figures 3.5.B-D). Interbedded with sandstone beds are intervals of shale and siltstone ranging in thickness from less than one meter to greater than 10 m (Figure 3.5.A). Leaf fossils and wood fragments are common and often intricately preserved. In section CAB01, scour surfaces are present in the thickest sandstone beds, but lenticular bodies are absent. Rare lenticular sandstone bodies were observed nearby and are composed of medium-grained, massive, and trough cross-stratified sandstone.

3.4.3 Correlation of Published Measured Sections

Here we use the stratigraphic framework derived from our type section of the Cantwell Formation to correlate between published stratigraphic sections (Figure 3.6.) (Trop, 1996; Ridgway et al., 1997). We use the gradational contact between the Polychrome and Cabin Creek Members as a first-order datum for comparison between sections and consider specific lithofacies within both members to further synthesize stratigraphic data into a two-step depositional model, summarized in Figure 11. Note that the contact between the Teklanika Formation and the Cantwell Formation is not a consistent datum for correlations as this contact is unconformable and the Teklanika Formation is commonly found deposited over significantly disparate parts of Cantwell Formation stratigraphy (Figure 3.6.).

Correlation of the Polychrome Member

We correlate published stratigraphic sections from the base of Double Mountain (DM2), Fang Mountain (FM1), Mt. Sheldon (MS1), Refuge Valley (RV1), and the lower ~800 m of stratigraphy exposed at Panorama Mountain (PA1/PA2) with the Polychrome Member (Figure 6). The feature most diagnostic of the base of the Polychrome Member is conglomerate with abundant quartz clasts. An exception to this is the presence of limestone clasts and greater components of sandstone and argillite in sections near the southern basin margin, specifically Refuge Valley and Fang Mountain (Trop and Ridgway, 1997). Each of these sections consist of pebble-cobble conglomerate, sandstone, and siltstone, with minor coal (Figure 6). Upward-fining trends are accompanied by similar changes in bedding geometry and sedimentary structures that match up-

section changes observed in the type section. Northward paleoflow indicators are dominant along the southern basin margin (PA1, RV1), southward indicators are dominant along the northern basin margin (MS1, DM2), and east/southeastward indicators are dominant in the central part of the basin (PC1) (Ridgway et al., 1997).

Correlation of section MS1 with the Polychrome Member is based on lithofacies, though the stratigraphic and structural context of this section is distinct from the rest of the Cantwell basin. The Polychrome Member at MS1 sits unconformably atop Upper Triassic submarine strata of unit TRcs (Figure 3.6.). Conglomerate clast compositions at MS1 are dominated by schist, argillite, and quartz. Schist clasts are especially diagnostic because they are not found anywhere else in the basin. The stratigraphy at MS1 displays a fining upward sequence like the type section, though within a relatively condensed section. This may reflect syn-depositional uplift of the northwestern basin margin that may also have contributed to the recycling of Cantwell Formation sandstone into conglomerate in other parts of the Polychrome Member farther to the south. Finally, the MDA for section MS1 is the youngest MDA for all samples of the Polychrome Member at 69.3 Ma (Table 3.1.). This may suggest that deposition of lithofacies which we associate with the Polychrome Member may have persisted for longer along the northwestern basin margin as it remained a relative topographic high during the switch to a depositional system represented by the Cabin Creek Member in the rest of the basin.

Correlation of the Cabin Creek Member

We correlate section DM1 at Double Mountain and the upper ~1000-1200 m of section PA1/PA2 at Panorama Mountain with the Cabin Creek Member (Figure 3.6.). These sections also include additional lithofacies within the upper Cabin Creek Member not exposed at CAB01. At CAB01, individual mudstone/sandstone packages rarely exceed several meters thick and are more commonly only 2-3-m-thick. The upper parts of DM1 and PA1/PA2 display a prominent shift to 10-40-m-thick sandstone packages interbedded with 10-50-m-thick beds of shale and siltstone (Ridgway et al., 1997, FA3 and FA5). Sandstone is commonly trough cross-stratified and mudstone packages are finely laminated. Mudstone-dominated heterolithic intervals include ripple cross-laminae, clay drapes, flaser bedding, dewatering structures, convoluted bedding, and plant fragments (Ridgway et al., 1997, FA5). At Double Mountain, an oncolitic limestone bed ~50 cm thick is interbedded with dinoflagellate-bearing mudstone beds (Ridgway et al., 1997).

3.4.4 Interpretation of Depositional Environments

Polychrome Member

Lower Polychrome Member – Fluvial-dominated alluvial fans

We interpret conglomerate-dominated intervals in the lower Polychrome Member to represent deposition in a fluvial-dominated or 'wet' alluvial fan setting. Laterally continuous, clast-supported conglomerate beds suggest deposition via sheet flood processes where laterally continuous sandstone beds represent a decrease in grain size during waning flow velocity and depth (Ballance, 1984). Sheet floods occur where sediment is dispersed through unconfined flow from the mouths of proximal channels on alluvial fans (Bull, 1972). Large average clast size suggests a relatively high-gradient alluvial surface that was altered periodically by high-energy flood events. Rapid sedimentation events are supported by upright tree fossils implying deposition of at least a few meters of sediment relatively quickly. While conglomerate beds deposited via sheet floods are commonly imbricated (Ballance, 1984), we interpret the lack of organization and imbrication of conglomerates in the lowest 180 m (PC1L) to suggest an exceptionally proximal, high-energy position where sediment was transported in flashy, high-energy events more similar to debris flows (e.g., Major, 1997). This interpretation is further supported by the largest maximum particle size in the Polychrome Member at PC1L.

Middle Polychrome Member – Braided fluvial systems

We interpret sandstone-dominated intervals characterized by trough cross-stratified sandstone and lenticular granule-pebble conglomerate bodies to represent braided-fluvial systems. Conglomeratic lenticular bodies represent traction-based transport in active channels, whereas planar and trough cross-stratified sandstone represents deposition of finer sediment on longitudinal bars (Collinson, 1986). Thin-bedded massive and horizontally stratified sandstone and interbedded siltstone represent crevasse splay and other overbank deposits or low-energy deposits that periodically covered subaerially exposed inter-channel bars. Abundant leaf fossils suggest that subaerially-exposed parts of bars or overbank environments were vegetated.

Upper Polychrome Member – Tidally influenced coastal fluvial system

We interpret the uppermost Polychrome Member to represent a tidally influenced fluvial system. Broadly channelized, medium-coarse-grained sandstone bodies suggest deposition within well-established channels where sediment transport was largely traction-based with continuous scouring during times of high flow. Tabular, thin-bedded ripple cross-laminated sandstone is interpreted to represent crevasse splay deposits on the proximal part of the floodplain. These deposits were likely reworked by tidal currents where the floodplain was repeatedly submerged. Finally, thick carbonaceous siltstone and shale intervals are interpreted to represent a marshy overbank environment (e.g., Smith et al., 1989). Thin lignite beds less than 5 cm thick indicate times of accumulation of organic matter atop a poorly developed soil profile and are often reworked as transported peat mats (e.g., Cherven, 1978).

Cabin Creek Member

We interpret the Cabin Creek Member to represent a marginal marine system that transitioned between two endmembers both through time and across the paleo-landscape depending on topography: (1) at times of high relative sea level or in locations of relative low elevation, an estuarine environment connected to a marginal marine system, and (2) at times of low relative sea level or in locations of relative high elevation, stable lacustrine systems fed by fluvial systems that occasionally prograded basinward and introduced sand-size sediment into lacustrine environments (Figure 3.11.B) (Renaut and Gierlowski-Kordesch, 2010).

Estuaries/tidal flats

Estuarine/tidal flat environments are characterized by flaser bedding, clay drapes, and symmetric ripples (Dalrymple and Choi, 2007). Shallow scouring within thicker sandstone packages likely represents the formation of shallow, ephemeral channels on tidal-dominated sand flats (Dalrymple, 2010). Symmetric ripples are characteristic of bi-directional flow, and their frequency and abundance suggest that deposition of laterally continuous sandstone packages was associated with unconfined flow conditions in a system dominated by bi-directional flow and oscillatory currents (e.g., O'Donoghue and Clubb, 2001). Interference ripples are not necessarily diagnostic of a specific part of an estuarine system but are common to a variety of near-coastal

tidal flats and estuaries (e.g., Chakrabarti, 2005). Both forms of ripples in the Cabin Creek Member are possible in both estuarine and lacustrine systems.

Lacustrine environments

Lacustrine systems are best represented by extensive packages of laminated mudstone as documented at DM1 and PA1/PA2. Ridgway et al. (1997) described these millimeter-scale laminations as 'varve-like', reflecting an exceptionally calm environment within which suspension deposition dominated for long periods of time. Trough cross-stratified sandstone bodies associated with thick mudstone packages likely represent times when coarse sediment prograded into lacustrine environments and was dispersed in an unconfined manner from alluvial channel mouths or in small, prograding deltas (e.g., Gilbert, 1885, 1890; Renaut and Gierlowski-Kordesch, 2010).

3.4.5 U-Pb detrital zircon geochronology

Here we provide detailed description of detrital zircon populations for samples from the Polychrome and Cabin Creek Members. Since there is very little relative variation in the age spectra of each sample, we present composite probability density plots for each member in Figure 3.7. Maximum depositional ages are presented by sample using three methods of calculating the MDA in Table 3.1. In the following text we report only MDAs calculated using the weighted mean age of the youngest three grains overlapping within 2-sigma error (Dickinson and Gehrels, 2009).

Polychrome Member

Seven detrital zircon samples from the Polychrome Member yield dominant populations comprised of Devonian-Mississippian, Triassic-Jurassic, and Cretaceous grains. Subordinate populations include Ordovician-Silurian, Proterozoic, and Archean grains. A Triassic-Jurassic population is the most abundant population between ca. 240-150 Ma and accounts for 30% of all grains. Two Cretaceous populations occur between ca. 125-90 and 85-70 Ma; these populations account for 9% and 5%, respectively. The next most abundant population occurs between ca. 375-300 Ma and accounts for 10% of all grains. Cambrian-Silurian (542-419 Ma) grains account for only 3%, while Precambrian grains constitute 35% of the age spectra. Very few grains fall between ca. 950-650 and 2600-2100 Ma.

Cabin Creek Member

Five samples from the Cabin Creek Member (Table 3.1.) yield nearly all of the same populations, with more abundant grains comprising the youngest population between ca. 77-65 Ma. Ordovician-Silurian grains are absent and Cretaceous grains in general are more dominant relative to other Phanerozoic and Precambrian populations relative to the Polychrome Member. Cretaceous populations between ca. 77-65 Ma and 120-92 Ma account for 16% and 14%, respectively, the total of Cretaceous and a few younger grains constitutes 37% of the age spectra. Grains between ca. 230-160 Ma account for 28% and the sum of Precambrian populations accounts for 20%. Very few grains yield ages between ca. 2600-2100, 1600-1200, and 950-450 Ma.

Summary of age control

The composite MDA for the Polychrome Member calculated as the weighted mean age of the youngest three grains overlapping within 2-sigma error is 69.3 Ma (Figure 3.7.). Estimates for the MDAs of individual samples from the Polychrome Member vary greatly, though we place the most confidence in samples with high n-values (Table 3.1.). These samples yield conservative MDA estimates ranging from 92.0 Ma at the base of the member (PC1L-3.5m) to 73.7 Ma near the top (0716MR-02) and 69.3 Ma from a structurally dismembered part of the Polychrome Member exposed at Mt. Sheldon (071920BK-01). Based on palynological constraints as an independent age constraint (Ridgway et al., 1997), the oldest known depositional age for the Cantwell Formation is no older than approximately 75 Ma (late Campanian). Thus, we interpret any significantly older MDAs, especially those calculated from samples with low n-values, as significantly older than the depositional age. An age range of approximately 75-70 Ma for the Polychrome Member generally agrees with palynological constraints (Ridgway et al., 1997) and the ages of bentonites collected from similar locations but without precise stratigraphic control (Tomsich et al., 2014; Salazar-Jaramillo, 2016; Trop et al., 2019a).

The composite MDA for the Cabin Creek Member is 65.2 Ma (Figure 3.7.). Estimates of the MDAs of individual samples range from 94.6-65.2 Ma (Table 3.1.). Sample 070418BK-01 with an estimated MDA of 94.6 Ma was collected from a laterally continuous sandstone bed within section CAB01. Sample 070819BK-02 was collected from a large channel body nearby and yields an MDA of 72.1 Ma. We interpret sample 070819BK-02 to have a greater likelihood of

representative sediment mixing and therefore a more accurate MDA. Based on our MDAs, the age range of the Cabin Creek Member appears to be approximately 70-65 Ma, in general agreement with bentonite ages from similar lithofacies such as those at Double Mountain (Trop et al., 2019a). Trop et al. (2019a) do report one anomalous age of 88.0 ± 0.4 Ma from a bentonite near section CAB01 along the west bank of the East Fork River (cf., Table 2, Trop et al. 2019). Based on our mapping and MDAs from this part of the stratigraphy, we consider this age erroneous and do not consider it an accurate constraint for the depositional age of this part of the stratigraphy.

While the precise age range of the member cannot be perfectly constrained using MDAs, the MDA from sample CANT-DM1-COMP of 65.2 Ma (Table 3.1.) suggests that the age of the uppermost Cantwell Formation is younger than previously constrained. Palynological constraints had previously suggested an upper depositional age of early Maastrichtian (Ridgway et al., 1997) and the youngest reported bentonite age is 67.8 ± 0.2 Ma (Trop et al., 2019a). It is important to note that this sample is a composite sample from the stratigraphic section exposed at Double Mountain, therefore this MDA represents the composite MDA for this section and not a specific sandstone bed. While this is not a precise constraint for the depositional age of a specific part of the stratigraphy, it does suggest that the uppermost Cantwell Formation may cross the K-Pg boundary.

3.4.6 Geologic mapping/structural results

The structural configuration of the Cantwell basin varies along-strike and is not well documented in most places. For the purposes of this structural analysis, we define our primary map area in the northwestern part of the basin as the region bounded by the Toklat river to the west and the Teklanika River/Igloo Creek corridor to the east (Figure 3.2.). Reconnaissance-scale mapping along the entirety of the Toklat River corridor provides observations relevant to the relationship between the northern and southern basin margins (Figure 3.10.A).

Northern basin margin

The structural configuration of the northern basin margin is characterized by a south- to southeast-verging imbricate thrust stack. Geologic mapping data for the northern margin are shown in map view in Figure 3.8. and in cross-sections and field photographs in Figure 3.9. Key

components of this system are labelled using numbered locations. The Cabin Divide fault (CDF) is the northernmost thrust involving the Cantwell Formation and places isoclinally folded and low-grade metamorphosed marine strata of Unit KJf above the Cantwell Formation (Figures 3.8., 3.9.A and 3.9.C, location 1). Based on a total stratigraphic thickness of 4 km for the Cantwell Formation (Hickman et al., 1990; Ridgway et al., 1997), displacement on the CDF must be at least 3 km to place unit KJf over part of the Cabin Creek Member. Thrust faults represented by locations 2, 3, 4, and 5 control deformation of the Cantwell Formation within this thrust belt (Figures 3.8., 3.9.A, and 3.9.C). West of the East Fork River, strata of the Polychrome Member are deformed in southeast-verging open folds (Figures 3.8. and 3.9.B, location 6). In this region, the Teklanika Formation unconformably overlies the Cantwell Formation and folds in the Teklanika Formation are disharmonic relative to the Cantwell Formation (Figures 3.8. and 3.9.A, location 7). A similar fold style is also observed along the east bank of the East Fork River in the upper Polychrome Member (Figures 3.9.C and 3.9.D). Figure 3.9.D shows a southeast-verging, overturned, and reclined anticline. Where thrust faults associated with open folds in the Polychrome Member are exposed, we observe breakthrough on the forelimb, slightly south of the fold hinge. Based on this observation and the geometries of these folds, we interpret folds in the Polychrome Member as fault propagation folds.

In the upper Polychrome Member and Cabin Creek Member, characterized by more shale-rich facies, folds are tighter with more angular hinges, often including chevron-style folds (Figures 3.5.E, 3.9.A, and 3.9.C). We commonly observe thickness changes in shale beds, particularly near and within fold hinges where thickness typically increases. Folds in this part of the Cantwell Formation is typically close to upright. While the difference in deformational style observed between the shale-rich and sandstone/conglomerate-rich strata in the Cantwell Formation may be entirely attributable to lithology, it is also possible that the upper part of the section is deformed largely by detachment folding (Epard and Groshong, 1995). This would imply a flat in fault geometries at depth, though we cannot fully assess this option based on our data.

Based on detailed mapping in this thrust belt, we interpret the following sequence of deformation following deposition of the Cantwell Formation. The thrust belt probably followed a simple break-forward progression at first, beginning with propagation of the CDF and emplacement of unit KJf over the Cantwell Formation. We interpret the next master fault to have been the frontal thrust (Figure 3.8. and 3.9.A, location 2). Associated thrust faulting deformed the

Polychrome Member by fault propagation folding, best exemplified by locations 3 and 6 (Figures 3.8. and 3.9.A). We interpret disharmonic folds between the Cantwell and Teklanika Formations to reflect syn-deformational deposition of the Teklanika Formation. Our data also show that south-verging deformation along the northern basin margin continued following deposition of the Teklanika Formation. This is supported by an out-of-sequence thrust that clearly cross-cuts the Teklanika Formation (Figures 3.8., 3.9.A, and 3.9.C, location 5). This fault places the upper Polychrome Member over the Teklanika Formation north of Sable Pass and along Tattler Creek (Figures 3.8. and 3.9.E). Further to the west, near the East Fork River, this thrust controlled formation of the anticline shown in Figure 3.9.D. The same relationship observed at Sable Pass and Tattler Creek where the upper Polychrome Member was emplaced over the Teklanika Formation has likely been eroded away west of the East Fork River (Figure 3.9.A, location 5). This out-of-sequence thrust also explains why the uppermost Polychrome Member and Cabin Creek Member in the footwall of the CDF are structurally higher than stratigraphically lower parts of the Cantwell Formation (Figure 3.9.A).

The leading edge of this thrust belt has been further overprinted by the Park Road fault (PRF) (Figures 3.8., 3.9.A, and 3.9.C). We interpret the PRF as a post-Early Eocene oblique-slip fault. This fault closely follows the leading edge of the Late Cretaceous-Eocene thrust belt, in some cases directly overprinting the previous frontal thrust (Figures 3.8. and 3.9.A, location 2). In other locations, such as Sable Pass, the PRF deviates from the location of the frontal thrust (Figure 9E). Along its length, the PRF is the main structural boundary between Late Cretaceous-Eocene bedrock and Neogene-recent alluvial-fluvial and surficial deposits. Our data do not provide further constrains related to the timing of initiation of the PRF.

Southern basin margin

The southern basin margin is characterized by a north-verging thrust belt involving Ordovician-Triassic marine strata (units Dos, Dl, TRPs, and TRbd) for tens of kilometers along strike (Figure 2). This system is well-exposed along the Toklat River corridor. In particular the uppermost part of the Toklat River dissects the structural grain of this system (Figure 10A). In this location, the key feature of this system is a north-south-trending tear fault along the east bank of the Toklat River (Figure 10A, location 9). The leading thrust along the northern edge of the thrust sheet bounded by the tear fault places Upper Triassic basalt (TRbd) over the Polychrome Member

(Figure 3.10.A-B, location 8). The tear fault itself truncates a depositional contact between the Teklanika Formation (Upper Paleocene-Lower Eocene) and unit TRbd at location 9 (Figure 3.10.A). This relationship implies that the tear fault formed no earlier than the Early Eocene.

Along-strike to the east, Ridgway et al. (1997) documented growth footwall synclines in the Cantwell Formation, best-exposed at Panorama Mountain (Figure 3.2., PA1). These structures suggest that the Cantwell Formation was deposited syn-deformationally along the southern basin margin and that basin-bounding thrust faults in that part of the basin did not propagate much further following the Late Cretaceous. In contrast, our mapping shows that the western part of the thrust belt was involved in progressive deformation following the Late Cretaceous. If the thrust belt did not continue to propagate, we would expect to find growth structures where basin-bounding faults are in contact with the Cantwell Formation. Since the Teklanika Formation is deposited directly atop unit TRbd at location 9, the entire Cantwell Formation must have been unroofed by the Late Paleocene in this location. This is in contrast to location 10, just 5 km to the east, where the Cantwell Formation is in fault contact with unit TRbd (Figure 3.10.A). These relationships suggest that the western part of the basin-bounding thrust belt underwent significantly more post-Cretaceous propagation, with along-strike variation ranging from virtually no post-Cretaceous propagation at Panorama Mountain (Figure 3.2., PA1), to at least 4 km of displacement resulting in unroofing of the entire Cantwell Formation at location 9. In summary, the basin-bounding thrust belt along the southern basin margin became highly partitioned following the Late Cretaceous.

The PRF crosses the Toklat River and again appear to take advantage of previously existing structural weaknesses, in this case associated with north-verging structures. Where the PRF continues west of the Toklat River, the PRF displays a significant component of normal displacement and serves as the bounding structure along the northern margin of exposures of Neogene strata (Figure 3.10.A, location 11). Therefore, the PRF overprints this system by dissecting the thrust sheet comprised of units TRbd and TRPs.

Regional Structural Configuration – Deformation within a triangle zone

The composite structural configuration between the northern and southern basin margins can be summarized as a triangle zone. Note that there is significant variation along strike, especially along the northern basin margin, thus this structural configuration is most relevant west of Igloo Creek (Figure 3.2.). Triangle zones most commonly form at the leading edge of fold and

thrust belts in the late stages of shortening and have been observed in locations such as the Alberta foreland and Papua New Guinea (e.g., Jones, 1996). During the Late Cretaceous, basin-bounding thrust stacks loaded the crust and produced a flexural response linked to basin subsidence. Clast compositions in alluvial fan deposits along the margins of the basin are consistent with this interpretation. Limestone and sandstone clasts are dominant along the southern basin margin (source units Dos, Dl, and TRPs), while schist, argillite, chert, and reworked Cantwell Formation clasts are common along the northern basin margin (Trop and Ridgway, 1997). The hinterland of the northern thrust belt would have consisted of a regional anticlinorium in the Yukon composite terrane previously recognized as an important source of continental sediment to the Cantwell Formation (e.g., Ridgway et al., 1997). Progressive deformation within this triangle zone post-Cretaceous results in structures with opposing vergence directions most closely juxtaposed in the structural domain defined by the tear fault along the Toklat River corridor (Figure 3.10.A).

3.5 Discussion

3.5.1 Cantwell basin Depositional Model

Documentation of up-section trends in the Polychrome Member reveals a consistent stratigraphic architecture that represents the initial phase of sedimentation in the Cantwell basin. Lithofacies in the lower and middle Polychrome Member represent two primary depositional systems. In stratigraphic order these are: (1) alluvial fan systems represented by conglomerate and sandstone, and (2) braided fluvial systems represented by sandstone and channelized granule-pebble conglomerate (Figure 3.11.A). Clast compositions dominated by quartz, argillite, chert, and schist (MS1 only) characterize conglomerate beds along the northern basin margin, suggesting input of detritus from the YCT to the north. In contrast, clast compositions along the southern margin feature a significant component of limestone consistent with primary sediment input from thrust sheets along the southern basin margin (Figure 3.11.A) (Ridgway et al., 1997; Trop and Ridgway, 1997). Correlation of exposures from the northern and southern basin margins and consideration of paleoflow indicators (Trop, 1996; Ridgway et al., 1997) suggests that alluvial fans were sourced from high topography on both sides of the basin and that these systems merged into axial fluvial systems that drained the basin to the east (Figure 3.11.A).

The next phase of sedimentation is characterized by a gradational shift from a tidally influenced coastal fluvial deposits represented by the upper Polychrome Member to estuarine deposits represented by the lower Cabin Creek Member (Figure 3.11.B). This basin-wide transgression culminates in a marginal estuarine/tidal flat system coupled with lacustrine systems represented by the Cabin Creek Member (Figure 3.11.C). Geologic mapping reveals that marginal marine lithofacies of the Cabin Creek Member indeed comprise the upper part of a continuous stratigraphic package, rather than a coeval and laterally adjacent depositional environment. Based on our mapping, it is likely that the uppermost Cabin Creek Member represented by the upper parts of PA1 and DM1 is not preserved along the northern basin margin, including at section CAB01. CAB01 is immediately adjacent to the Cabin Divide fault (CDF) (Figure 3.8.). Displacement of at least 3 km must have occurred on the CDF in order to place Jurassic-Cretaceous marine strata (KJf) over the Cabin Creek Member. Therefore, it is likely that the upper part of the Cabin Creek Member has been faulted and eroded near this contact. Alternatively, subsidence and/or accommodation space may have varied between the northern and southern basin margins resulting in variation in thickness and lithofacies. Ridgway et al. (1997) inferred a southward increase in thickness of the Cantwell Formation from their measured sections that may support the later scenario. However, due to the structural complications outlined above, this may not be the case.

Marginal marine influence in the uppermost Cantwell Formation has previously been attributed to regional transgression associated with the Bearpaw transgression, observed throughout the North American Cordillera and other parts of Late Cretaceous Euramerica (e.g., Hancock and Kauffman, 1979; Hancock, 1993; Braman and Sweet, 1999; Ridgway et al., 1997). Geochronological constraints from the Bearpaw Formation in the Hell Creek area, Montana constrain the peak of the transgression in the Sevier foreland to 74.0 Ma (Rogers et al., 1993), followed by regression throughout much of the Maastrichtian (e.g., Miller et al., 2003). Based on our synthesis of available age control for the Polychrome and Cabin Creek Members, it is likely that the transition to coastal and eventually marginal marine systems coincides with this transgression. It is important to note that there is some ambiguity in this correlation because the Bearpaw transgression may have been diachronous along strike. It is also unclear if a regression is recorded in the Maastrichtian part of the Cantwell Formation. Based on our correlations, the upper part of the Cabin Creek Member appears to be dominated more by lacustrine deposits than estuarine deposits (Figure 3.6., PA1/PA2). This could be associated with regression, though more

robust age control between sections representing the Cabin Creek Member would be necessary to test this idea. It is also possibly that changes in relative sea level were driven by tectonic forcings (i.e., renewed or increased activity on basin-bounding thrust faults).

Our depositional model also provides stratigraphic context to important paleontological datasets, especially bird and dinosaur tracksites in DENA. Ridgway et al. (1997) provided the first robust age control for the Cantwell Formation constraining the depositional age to the latest Cretaceous. Since this study, numerous paleontological studies have reported abundant dinosaur trackways from multiple parts of the stratigraphy, representing various depositional environments. Some of the first trackways described were associated with terrestrial and coastal fluvial deposits of the mid-upper Polychrome Member (e.g., Fiorillo et al., 2009, 2014; Fiorillo and Adams, 2012). Based on the occurrence of mainly pterosaur, 85herizinosaurs, and other theropod tracksites, trackways are best-preserved in fluvial or overbank sandstones, typically as casts on the bases of sandstone beds. Additional lithofacies with particularly high preservation potential likely include rippled sandstones of the Cabin Creek Member. Modern fauna in estuarine environments often take advantage of low tide to feed in the intertidal zone. These systems have especially high preservation potential as new sediment is deposited rapidly by the next high tide (e.g., Allen, 1997). Furthermore, since our youngest MDA for the Cantwell Formation at Double Mountain is slightly younger than the K-Pg boundary (Figure 3.7.), there may be great potential for future studies in examining the evolution of paleofauna, flora, and climate approaching the boundary and perhaps even in the recovery phase following the K-Pg mass extinction event. Stratigraphic context for these studies will aid in inter-basinal correlations to key localities such as the Hell Creek Formation, Montana, or the Prince Creek Formation, northern Alaska. Maastrichtian strata of the Prince Creek Formation in particular represent a similar depositional environment to the Cantwell Formation with interpreted depositional environments including tidally influenced alluvial plains (Flaig et al., 2011).

3.5.2 Detrital Zircon Provenance Interpretations

Comparison of Cantwell basin detrital zircon spectra with published ages for potential primary and recycled sources yields insight into several aspects of basin formation within the context of post-collisional suture zone development. These include: (1) the exhumation of arc systems emplaced during the syn-collisional phase and exhumed during post-collisional

exhumation of the suture zone; (2) exhumation of older Mesozoic arcs associated with the ancestral North American margin; and (3) exhumation and recycling from Paleozoic and Mesozoic sedimentary strata within the suture zone. For reference, we summarize potential primary sources of detrital zircons in Table 3.2. and potential secondary sources in Figure 3.12. We also refer the reader to detailed overviews of potential sources of detrital zircons in the ARSZ by Hampton et al. (2010), Brennan and Ridgway (2015), and Romero et al. (2020), among others.

Interpretation of Primary Sources

Cretaceous populations

We interpret Cretaceous populations between ca. 120-80 and 95-70 Ma to reflect primary sources associated with arc magmatism in the YCT to the north and the central Alaska Range (CAR) belt to the south (Table 3.2.). Magmatic sources associated with the YCT include a suite of Cretaceous-Eocene plutons that intrude Mesozoic and Paleozoic strata in the Yukon-Tanana uplands (110-85 Ma and 70-50 Ma) (Wilson et al., 1985; Foster et al., 1994; Dusel-Bacon et al., 1995; Hart, 1997; Smith et al., 1999, 2000; Dilworth et al., 2002; Day et al., 2003; Werdon et al., 2004). The CAR belt is a suite of Late Cretaceous-Oligocene plutons presently exposed to the southwest of the Cantwell basin south of the Denali fault (110-55 Ma) (Reed and Lanphere, 1972, 1973; Wallace and Engebretson, 1984; Lanphere and Reed, 1985; Moll-Stalcup, 1994; Koeneman and Wilson, 2018). Restoration of at least 370 km of post-Cretaceous dextral displacement on the Denali fault (Lowey, 1998) would place the CAR belt proximal to the southern basin margin during the Late Cretaceous. Furthermore, a markedly greater abundance of ca. 90-70 Ma grains in the Cabin Creek Member relative to the Polychrome Member (Figure 3.12.) suggests that significant detritus was received from the CAR belt during later stages of sedimentation as magmatism was not widespread in the YCT at that time.

Another possible source is the Coast Mountains batholith (CMB) in British Columbia (Table 3.2.). A magmatic flux event from 78-120 Ma in the CMB is a strong match for most Cretaceous grains in the Cantwell basin (Gehrels et al., 2009). However, magmatism waned following 78 Ma until 55 Ma, thus the CMB is not as likely to have sourced grains younger than 78 Ma in the Cantwell Formation. Since the CMB would have been positioned south-southeast (approximate paleogeographic coordinates) of the Cantwell basin in the Late Cretaceous and the

basin drained in the same direction, it is unlikely that Cretaceous populations were sourced from the CMB.

Triassic-Jurassic populations

We interpret Late Triassic-Early Jurassic populations to include a significant primary component that includes continental magmatic arc sources, the most proximal of which is the Taylor Mountain batholith (TMB) (Table 3.2.). All detrital zircon samples, regardless of geographic or stratigraphic location, yield a primary population between ca. 240-160 Ma (Figure 3.7.). Sediment from the TMB in particular may account for populations between 216-181 Ma (Dusel-Bacon and Williams, 2009; Day et al., 2014). Since most samples yield grains that represent a broader time interval than can be accounted for with the TMB, additional sources are necessary. These may include plutonic rocks with ages between 215-175 Ma emplaced in the YCT (e.g., Aleinikoff et al., 1981; Wilson et al., 1985; Foster et al., 1994; Dusel-Bacon et al., 2002) and plutons hosted by the Quesnellia and Stikine terranes in southwestern Yukon and northern British Columbia represent potential sources for grains between 220-206, 204-195, and 190-178 Ma (Hart and Radloff, 1990; Hart et al., 1995; Colpron, 2011).

Paleozoic populations

We interpret the consistent Paleozoic population between ca. 380-340 Ma (Figure 3.7.) to represent primary sediment derived from a suite of Devonian-Mississippian plutons emplaced into the Yukon-Tanana terrane and other peri-cratonic terranes of the northern Cordillera (Dusel-Bacon and Aleinikoff, 1985; Aleinikoff et al., 1986; Mortenson, 1990; Johnston et al., 1996; Day et al., 2003; Dusel-Bacon et al., 2004, 2006; Nelson et al., 2006). These include augen-gneiss of the Yukon Composite Terrane in east-central Alaska (Dusel-Bacon and Williams, 2009). In the Late Cretaceous, these terranes served as the backstop for accretion of the WCT (Nelson et al., 2013). Interpretation of Paleozoic primary sources associated with the YCT is further supported by consistent southward paleoflow indicators associated with alluvial strata along the northern basin margin (Ridgway et al., 1997).

Interpretation of Secondary/Recycled Sources

Since the Cantwell basin formed coevally with extensive shortening and exhumation of the ARSZ (Ridgway et al., 2002), consideration of recycled detrital zircon sources should provide a proxy to determine which local strata were exhumed during the Late Cretaceous (Figure 3.12.). This record of sediment recycling is relevant for understanding the degree of unroofing that may occur during terminal suturing in a collisional zone. Below we use minor detrital zircon populations in the Cantwell Formation to argue for recycling of sediment from the Kahiltna assemblage and Devonian-Lower Cretaceous strata that directly border both the northern and southern margins of the Cantwell basin.

Recycling of the Kahiltna assemblage

We interpret minor populations of Mid Jurassic-earliest Cretaceous grains that can only have been derived from arcs associated with the WCT as recycled from the Kahiltna assemblage (Figure 3.12.). Sources associated with the WCT include the Talkeetna arc (201-153 Ma) (Pálfy et al., 1999; Rioux et al., 2007, 2010), associated with the Peninsular terrane, and the commonly associated Bonanza arc (202-160 Ma) (DeBari et al., 1999), associated with the Wrangellia terrane. Mid-Late Jurassic arcs include the Chitina arc (175-135 Ma) (Plafker et al., 1989; Nokleberg et al., 1994; Roeske et al., 2003) and Chisana arc (140-115 Ma) (Snyder and Hart, 2007). Strata of the Kahiltna assemblage exposed in the central Alaska Range, southwest Alaska Range, northwest Talkeetna Mountains, and Clearwater Mountains all include populations that suggest sediment derived from these arcs (Hampton et al., 2010; Hults et al., 2013; Link, 2017; Box et al., 2019; Romero et al. 2020). Recycling of these grains into the Cantwell Formation indicates that the Kahiltna assemblage was being actively exhumed during the latest Cretaceous south of the Cantwell basin. Recycling from parts of the Kahiltna assemblage may also account for parts of Cretaceous, Late Triassic-Early Jurassic, and Mississippian-Devonian populations. However, we argue that since Mid Jurassic-Early Cretaceous grains common to the Kahiltna assemblage make up very minor populations in the Cantwell Formation, the availability of primary sources for these grains and the dominant populations that coincide strongly suggest a significant primary component as previously discussed.

Recycling of Paleozoic-Mesozoic basement strata

Recycling from the Kahiltna assemblage does not account for all minor detrital zircon populations observed in the Cantwell Formation. Samples of the Polychrome Member often include minor populations of grains between ca. 700-400 Ma (Figure 3.7.). We interpret these grains as recycled from uplifted strata that form the basement of the Cantwell basin (Figure 3.2.). These units are exposed in thrust sheets that bound the northern and southern basin margins and include Devonian-Ordovician and Permian-Middle Triassic marine strata (southern basin margin: units Dos and TRPs), Upper Triassic marine strata (northern basin margin: unit TRcs), and Upper Jurassic-Lower Cretaceous marine strata (northern basin margin: unit KJf) (Csejtey et al., 1986; 1992; Till et al., 2007). Note that while unit KJf has been interpreted by regional mapping studies to represent the Kahiltna assemblage regionally, recent U-Pb detrital zircon analyses from unit KJf along the northern basin margin (Figure 3.2.) yield age spectra that are distinct from strata of the Kahiltna assemblage exposed south of the Denali fault (unpublished data).

Unpublished U-Pb detrital zircon data (see Chapter 2) show that these units are a potential secondary source for populations that are difficult to account for with previously discussed primary and recycled sources. The most diagnostic of these populations occur between ca. 700-350 Ma and 1000-900 Ma; a minor Late Silurian-Early Ordovician population in the Polychrome Member is almost certainly derived from recycling of these strata (Figure 3.12.). These populations are unique because they are primarily associated with terranes of circum-Arctic affinity (e.g., Colpron and Nelson, 2009). Assuming that the Kahiltna assemblage was deposited over these units, recycling from these strata implies that up to several kilometers of stratigraphy had been exhumed and eroded in parts of the suture zone proximal to the Cantwell basin.

Precambrian populations

Most Precambrian populations in the Cantwell Formation are interpreted as recycled, likely several times, from the Laurentian craton. Due to the ability of zircon to be recycled several times, these populations do not enhance our provenance interpretations. For example, populations between ca. 1.3-1.0 Ga are commonly interpreted to have been transported across Laurentia from the Grenville orogen (e.g., Rainbird et al., 2012). However, this population has been shown to be common in strata derived from both Laurentian and circum-Arctic sources (e.g., Estrada et al.,

2018). Thus, these populations are not reliable indicators of sediment provenance nor of the tectonic setting of the Cantwell basin during the Late Cretaceous.

3.5.3 Paleogeography of Late Cretaceous depocenters

The transition from marine to non-marine depocenters following accretion of the WCT is poorly preserved in the stratigraphic record. The Early-mid-Cretaceous evolution of marine depocenters is better understood and includes syn-collisional collapse of ocean basins represented by the Kahiltna and Kuskokwim basins. The youngest strata assigned to both basins (Figure 3.13.A) yield MDAs between 85 and 81 Ma, suggesting that at least limited marine sedimentation persisted through the early Campanian (Hampton et al., 2010; Hults et al., 2013; Box et al., 2019). However, grain size in the uppermost Kahiltna assemblage in the western Alaska Range does increase considerably and exposures are limited (Box et al., 2019). Therefore, it is possible that non-marine systems were present but are not preserved or have not been identified. By the late Campanian, both basins were entirely closed and sedimentation commenced in the Cantwell basin (Ridgway et al., 1997; Hampton et al., 2010; Box et al., 2019). However, the onset of sedimentation in the Cantwell basin is not the oldest record of non-marine environments in southern Alaska.

The earliest incomplete records of non-marine sedimentation in southern Alaska are Albian-Cenomanian(?) (Figure 3.13.A). These depocenters include the Beaver Lake formation, exposed in the Nutzotin Mountains, and the Caribou Pass formation, exposed in the Talkeetna Mountains. The Beaver Lake formation is the most extensive stratigraphic record of mid-Cretaceous non-marine sedimentation and is interpreted to represent braided and anastomosing fluvial systems with sediment derived primarily from the Chisana and Chitina arcs of the WCT (Trop et al., 2019b). The Caribou Pass formation represents a similar and contemporaneous depocenter along strike of the Beaver Lake formation, though no published detrital zircon data exists for this unit (Hampton et al., 2007). The Panorama Peak formation is Santonian or slightly younger and is poorly exposed in the central Alaska Range (Figure 3.13.A) (Huff, 2012). Compositional and detrital zircon data for the Panorama Peak formation suggest sediment derived from the ancestral North American margin and recycling of strata within the Alaska Range suture zone. This unit is unconformably overlain by the Cantwell Formation and displays a significantly higher degree of deformation, including ductile fabrics (Huff, 2012). While these mid-Late Cretaceous stratigraphic records are isolated and poorly exposed, we infer that together they

represent the transition between marine and non-marine sedimentation in the region between the WCT and the ancestral NAM following accretion of the WCT.

We interpret the Cantwell basin to represent sedimentation in a retroarc position following terminal suturing of the WCT. Our detrital zircon data require sediment sources from both north and south of the basin, with Late Cretaceous populations representing sediment derived from active arcs in both directions (Figure 3.13.B). Evolution of the Cantwell basin also corresponds to sedimentation in the forearc and accretionary prism (Figure 3.13.A). Specifically, the Upper Matanuska Formation represents sedimentation in the forearc (Trop, 2008), while the Valdez Group (Chugach accretionary complex) represents sedimentation in the accretionary prism (Plafker et al., 1994), both during the Campanian-Maastrichtian. An important commonality between detrital zircon datasets from these units and the Cantwell basin is the presence of dominant Late Cretaceous populations (Amato and Pavlis, 2010; Stevens Goddard et al., 2018). While we are not suggesting that these zircons were all derived from exactly the same source, this does imply that the Late Cretaceous arc was a major source of sediment to the retroarc, the forearc, and accretionary prism by the latest Cretaceous (Figure 3.13.B). At this time, the Chugach accretionary complex had entered a phase of subduction accretion, likely associated with increased accommodation space in the forearc (Amato and Pavlis, 2010; Stevens Goddard, 2018). Accounting for restoration of dextral displacement on the Denali fault and the Border Ranges fault, much of the Chugach accretionary complex exposed in the Chugach Mountains was probably located outboard of and receiving sediment from the Coast Mountains batholith (Amato and Pavlis, 2010).

3.5.4 Post-depositional Deformation of the Cantwell Basin

Geologic mapping and stratigraphic relationships suggest that progressive deformation of the Cantwell basin occurred from the Late Cretaceous through at least the Early Eocene (Figure 3.14.). This deformational sequence can be summarized as follows:

(1) Latest Cretaceous and Early-Mid Paleocene deformation of the Cantwell Formation along the northern margin was controlled by forward propagation of the basin-bounding thrust belt (Figure 3.14.A-B). The Cabin Divide fault (CDF) emplaced Upper Jurassic-Lower Cretaceous strata of unit KJf over the Cantwell Formation and part of the Polychrome Member that unconformably overlies unit TRcs was structurally isolated from the rest of the Cantwell basin and folded into an

open syncline (Figures 3.6. and 3.14.A). Further basinward, the Cantwell Formation was deformed mainly by fault propagation folds and a possible component of detachment folding in shale-rich stratigraphy (Figures 3.9. and 3.14.B). During this time, some thrust faults along the southern basin margin continued to propagate, resulting in local unroofing of the Cantwell Formation (Figure 3.14.B).

(2) Syn-deformational deposition of the Teklanika volcanics commenced by the Late Paleocene (Figure 3.14.C) (Cole et al., 1999). Depositional thickness was probably greatest in structural lows where the most complete sections of the formation are preserved today, and pre-depositional erosion of the Cantwell Formation resulted in deposition of the Teklanika Formation atop highly variable parts of Cantwell Formation stratigraphy (Figure 3.6., FM1 vs. DM1). Along parts of the southern basin margin, the Teklanika Formation was deposited unconformably atop Upper Triassic basalt (TRbd) and possibly other basement units (Figure 3.14.C).

(3) Deposition of the Teklanika Formation ended in the Early Eocene and deformation continued, though in a different stress regime than that which deformed the Cantwell Formation (Figure 3.14.D). The dominant orientation of fold axes shifted from E-W to NE-SW and the Teklanika Formation was deformed in broad, open folds (Cole et al., 1999). Continued thrusting drove folding of the Teklanika Formation along the northern basin margin, notably by out-of-sequence thrusting (Figure 3.14.D). The thrust belt along the southern basin margin became increasingly partitioned, resulting in the formation of a tear fault and emplacement of unit TRbd over the Cantwell Formation along the Toklat River (Figures 3.10. and 3.14.D).

3.5.5 Implications for Regional Tectonics in the Alaska Range Suture Zone

Upper crustal deformation of the Cantwell Formation coincided with mid-crustal deformation and exhumation of the ARSZ represented by geologic records along strike. These processes are best recorded by geochronologic, petrologic, and thermochronological data in the Clearwater Mountains (Ridgway et al., 2002). Following closure of the Kahiltna basin by ca. 80 Ma, marine strata of the Kahiltna Assemblage were underthrust to 25 km depth and temperatures of ~650˚C. Development of the Valdez Creek shear zone in the Maclaren Glacier metamorphic belt is recorded by an inverted metamorphic gradient from phyllite, to garnet, muscovite, and kyanite schist, and finally to gneiss. Shearing is thought to have occurred coevally with

emplacement of numerous dikes and the Valdez Creek tonalite at ca. 74 Ma (Davidson et al., 1992; Ridgway et al., 2002; Link, 2017). This record illustrates coeval mid-crustal processes ongoing during sedimentation in the Cantwell basin. A biotite $^{40}Ar/^{39}Ar$ age (closure temperature ~300˚C) of 62.2 ± 1.6 Ma records rapid exhumation between 65 and 60 Ma coeval with unroofing of the Cantwell basin (Ridgway et al., 2002).

Our data also have implications for the timing of initiation of strike-slip tectonics in south-central Alaska, particularly the development of the Hines Creek fault (HCF). The HCF is a lithospheric-scale tectonic boundary considered to represent the northern boundary of the ARSZ (Ridgway et al., 2002; Brennan et al., 2011). What is recognized today as a discrete tectonic boundary originated during the collisional process as a sub-vertical zone of crustal weakness (Brennan et al., 2011). However, the evolution of this crustal boundary from a broad zone of weakness to a discrete fault system is in many places still unclear and likely varied significantly along-strike. We will discuss the Hines Creek fault as a 'fault system' as we believe this is more representative of the complexities associated with fault geometries, multiple fault strands, and likely multiple kinematic domains present along the length of the first-order feature.

There have been multiple interpretations regarding the kinematics and history of the HCF, likely because the HCF is a long-lived feature consisting of multiple fault strands. Previous interpretations of Cantwell basin evolution have invoked the HCF as a frontal thrust in a 'piggyback' or thrust-top basin system (Ridgway et al., 1997). East of the Nenana River in the Wood River area, part of the HCF is covered by the Cantwell Formation; this suggests that the HCF was active prior to the Late Cretaceous and has been inactive since (Wahrhaftig et al., 1975; Csejtey et al., 1992). However, more recent work in the east-central Alaska Range has revealed that parts of the HCF have been active throughout the Cenozoic (e.g., Nokleberg et al., 2013). Additionally, parts of the HCF east of DENA have been interpreted as a recent or active thrust fault, while sections near and within DENA show evidence for recent dextral displacement (Ridgway et al., 2002; Bemis et al., 2015).

Our data provide new constraints for evolution of the HCF along the northwestern margin of the Cantwell basin. Our mapping suggests that the south-verging thrust belt that defines this margin was a pre-existing feature along the ancestral NAM prior to the accretion of the WCT. This interpretation is supported by imbricated, polydeformed Triassic-Proterozoic strata and clast compositions in the Polychrome Member derived from Paleozoic-Proterozoic schist of the YCT

(Csejtey et al., 1992). The modern HCF truncates this thrust belt and separates Devonian and Paleozoic-Proterozoic strata. We would expect initiation of the HCF to coincide with structural evidence for transpressional tectonics in the Cantwell basin. Deformation of the Teklanika Formation no sooner than the Early Eocene is the first time that the stress regime appears to have changed to transpressional tectonics (Figure 3.14.C) (Cole et al., 1999). We interpret this shift to coincide with truncation of the thrust belt by the Hines Creek fault system and reactivation by out-of-sequence thrusting. Dextral displacement, likely including an oblique component, would have offset the Devonian and Paleozoic-Proterozoic parts of the hinterland, further overprinting the truncated portion of the thrust belt (Figure 3.14.D).

Progressive partitioning of the north-verging thrust belt along the southern basin margin may reflect initiation of the Denali fault during the regional shift to transpressional tectonics. As previously discussed, it can be inferred through Cantwell Formation compositions that this thrust belt was active during the Late Cretaceous. Unroofing of the Cantwell Formation during the Paleocene was clearly not uniform along strike, as growth structures in the footwall of the leading thrusts are well-preserved to the east. Finally, post-Early Eocene activity along the southern basin margin was limited to thrust propagation west of the tear fault. This final stage in partitioning of the southern margin thrust belt is coeval with our preferred timing of truncation of the northern margin thrust belt by the HCF. Together, these relationships may suggest that evolution of the Denali and Hines Creek fault systems were related during the regional shift to strike-slip tectonics.

3.6 Conclusions

(1) The Cantwell Formation represents three phases of sedimentation from the late Maastrichtian-earliest Paleocene(?). The evolution of depositional systems represents a transgression represented by alluvial-fluvial systems, tidally influence coastal fluvial systems, and marginal marine systems. Maximum depositional ages integrated with previous age control suggest that this transgression likely began in the late Campanian and that sedimentation in the Cantwell basin probably persisted into the earliest Paleocene, crossing the K-Pg boundary.

(2) U-Pb detrital zircon geochronology suggests that primary sediment was derived from arc and exhumed plutonic sources both north and south of the basin. Local thrust sheets contributed

proximal sediment and minor populations indicate that sediment was also recycled from lower Paleozoic-Cretaceous strata that form the basement of the Cantwell basin.

(3) The onset of sedimentation in the Cantwell basin slightly follows the earliest known records of non-marine sedimentation between the WCT and ancestral NAM. We interpret the Cantwell basin to represent the first record of retroarc development following establishment of a convergent margin along the modern southern Alaskan margin. This timing coincides with arc-derived detritus being transported to the corresponding forearc and accretionary prism components of this system (Amato and Pavlis, 2010; Stevens Goddard, 2018).

(4) Structural analysis of the Cantwell basin documents progressive Late Cretaceous-Eocene deformation in a north-south-oriented compressional system within a triangle zone. Post-Early Eocene deformation of the Teklanika Formation coincides with a shift to transpressional tectonics associated with initiation of the Denali and Hines Creek fault systems.

Figure 3.1. cont.

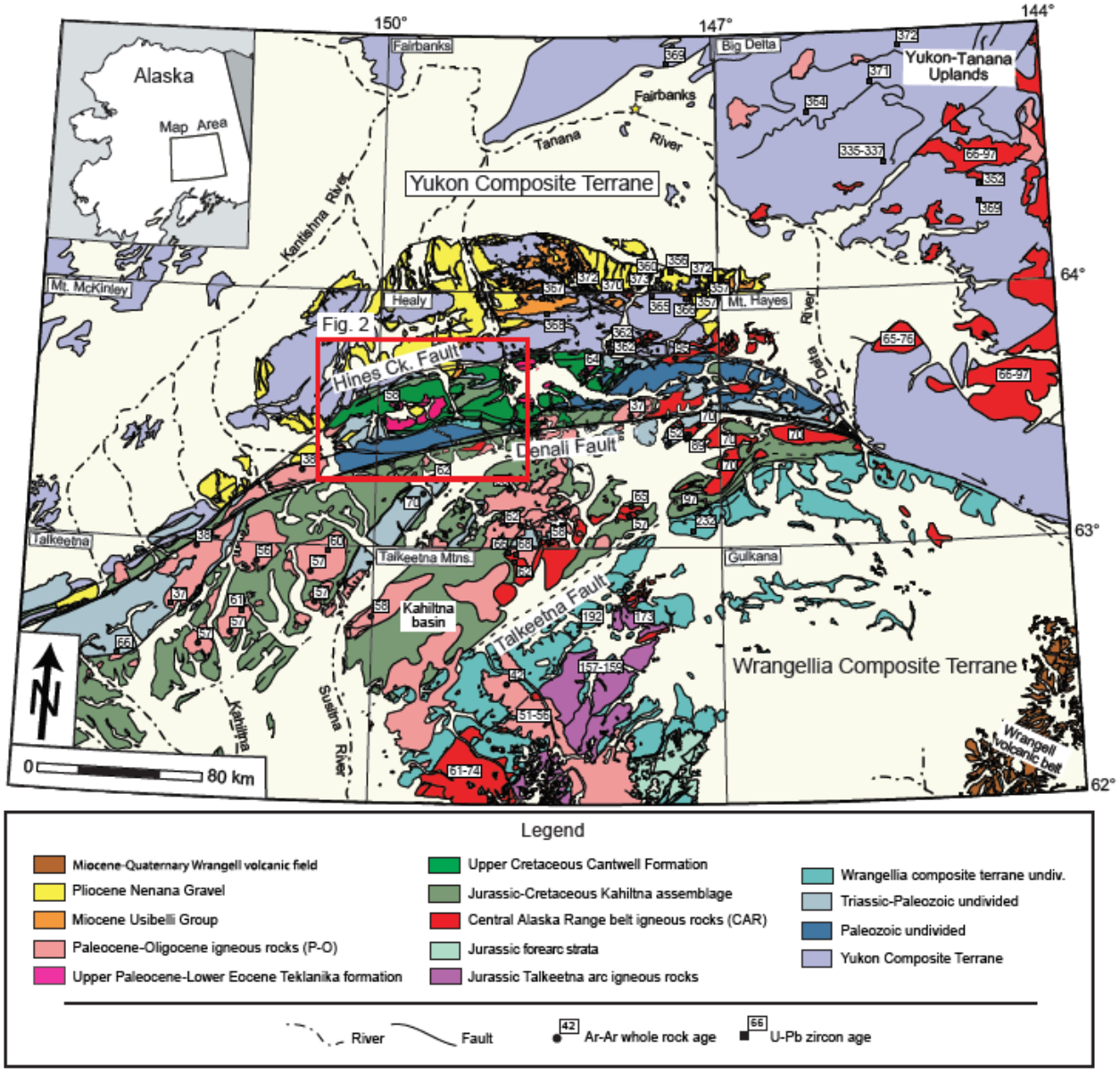


Figure 3.1.: Generalized geologic map of south-central Alaska including U-Pb and Ar-Ar geochronological data for plutonic igneous rocks. Ages shown as a range represent multiple analyses at a given location. Modified from Brennan and Ridgway, 2015.

Figure 3.2.: Geologic map of the study area derived from Keough et al. (2020) accompanied by a stratigraphic column showing Middle-Jurassic-Cenozoic stratigraphy of the study area. The locations of measured sections referenced in Figures 3.3. and 3.6. are labelled using their abbreviations.

Figure 3.2. cont.

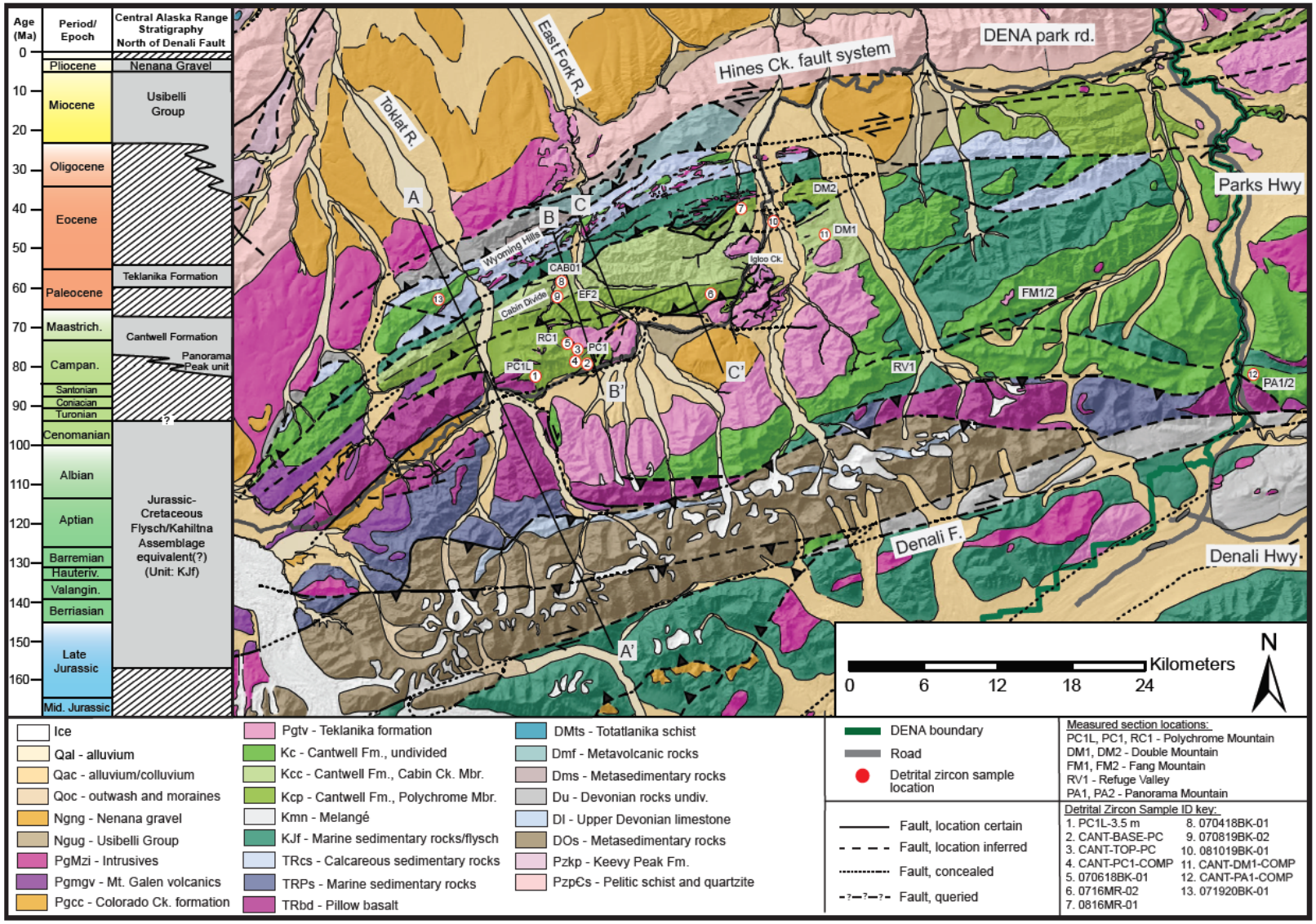


Figure 3.3.: Composite measured stratigraphic section depicting the type section of the Cantwell Formation. Note that section PC1 on the eastern flank of Polychrome Mountain is reported by Trop (1996); all other sections were measured as part of this study. Locations indicated by measured section abbreviations are as follows (also labelled on Figure 2): PC1L – Polychrome Mountain, south side; PC1 – Polychrome Mountain, east flank; RC1 – Polychrome Mountain, northeast flank; EF2 – East Fork River, west bank; CAB01 – Cabin Divide.

Figure 3.3. cont.

Polychrome Member

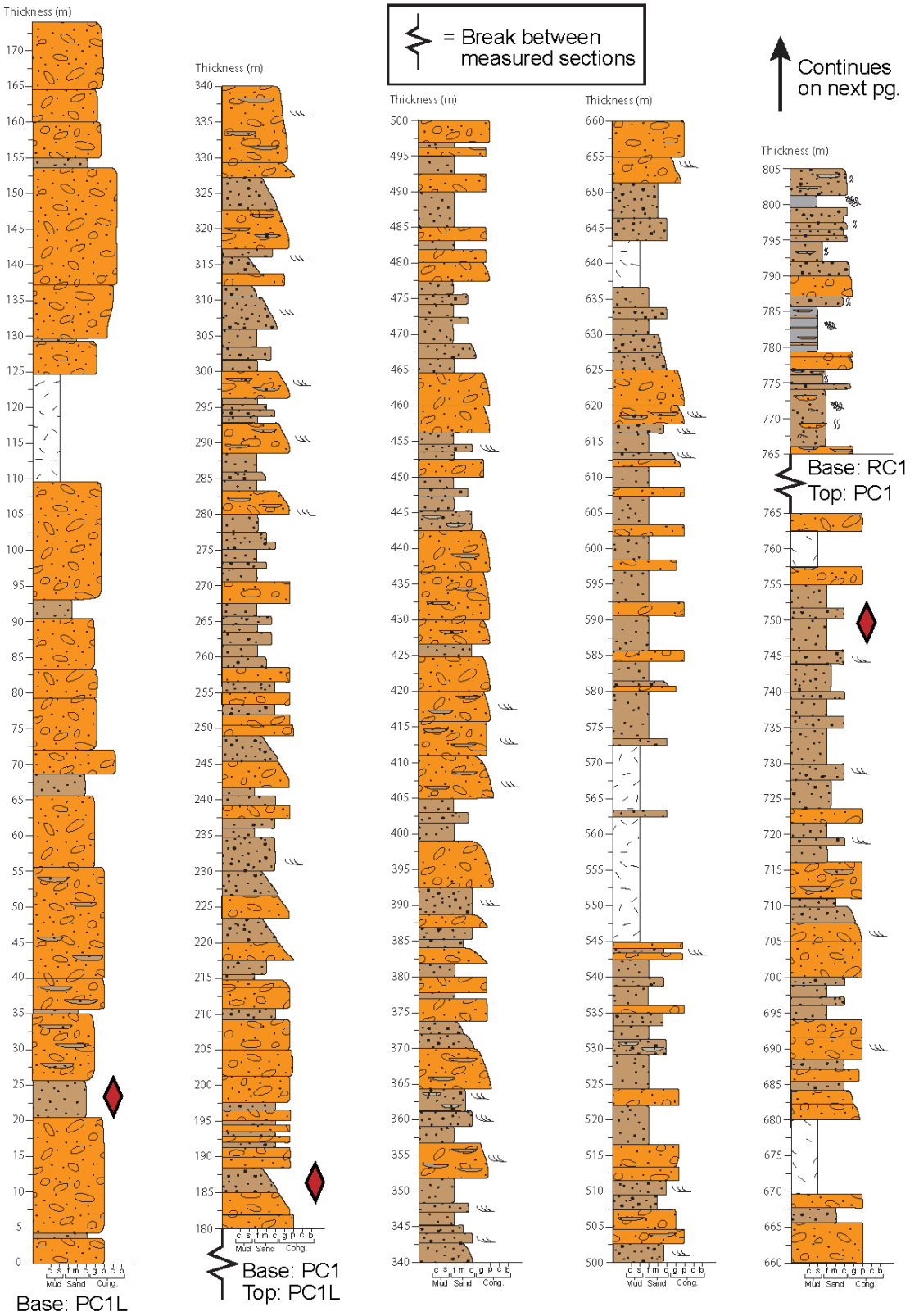


Figure 3.3. cont.

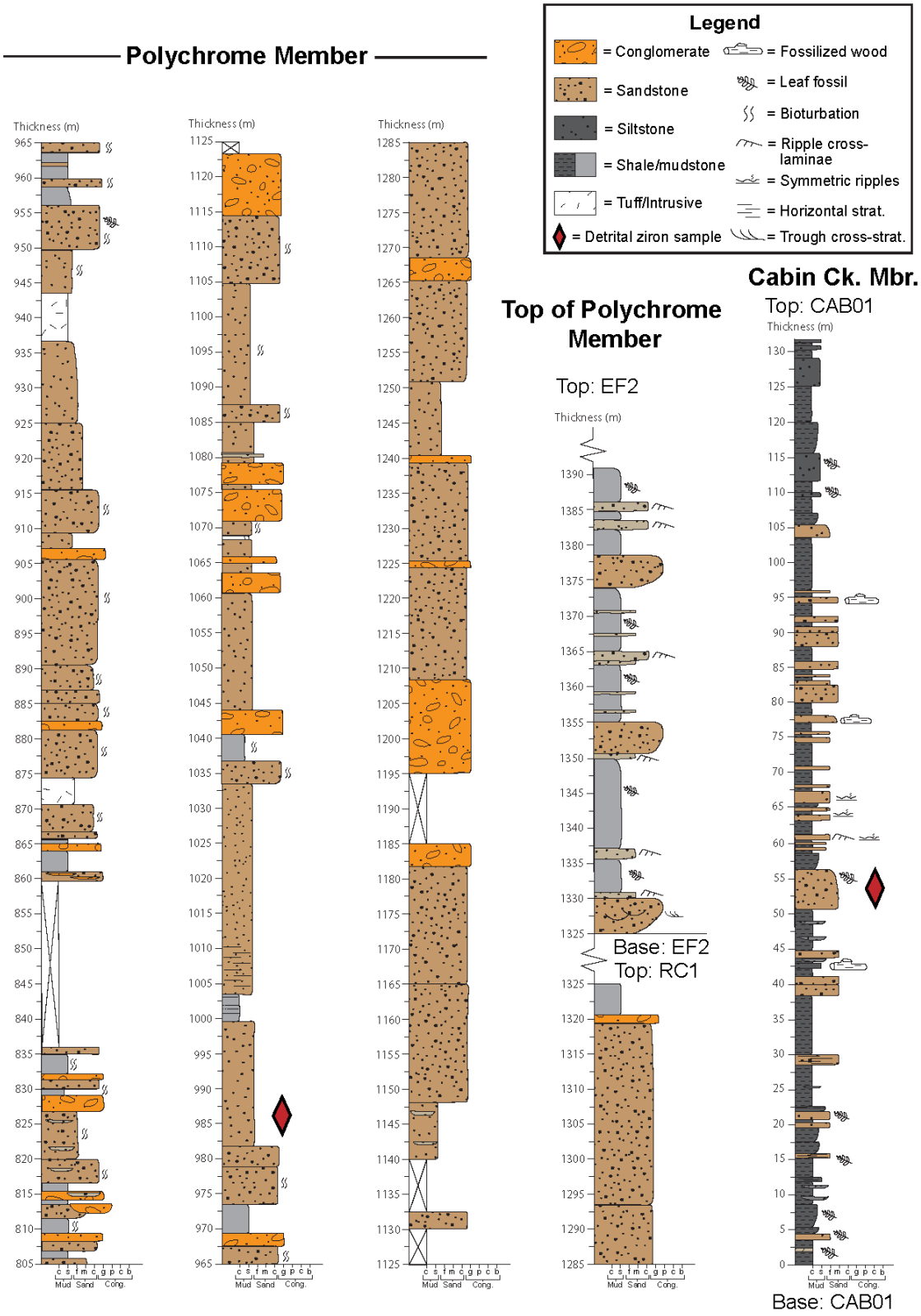


Figure 3.4.: Field photographs of the Polychrome Member in stratigraphic order. (A) Photo taken looking west-northwest of the depositional contact between the base of the Polychrome Member and Upper Triassic basalt (unit TRbd). The base of section PC1L is located at this contact on the south flank of Polychrome Mountain. (B) Interbedded sheet conglomerate, coarse sandstone, and minor siltstone characteristic of the lower Polychrome Member and section PC1. Person for scale in the white box. (C) *In situ* tree fossils preserved in the lower Polychrome Member (white arrows). Pebble-cobble conglomerate is concentrated around the base of the trees. Hammer for scale in the white box. (D) Interbedded sandstone, siltstone, and channelized granule conglomerate characteristic of the middle Polychrome Member, section RC1. Person for scale in the lower left corner. © Juvenile theropod trackway on the base of a coarse sandstone bed in the same stratigraphic section depicted in picture D. Finger for scale. (F) Interbedded carbonaceous mudstone (Fsm), thinly bedded fine-grained sandstone (Sr), and medium-grained, massive and trough cross-stratified sandstone (Sm). This combination of lithofacies is characteristic of the more mud-rich upper Polychrome Member, section EF2. Note sharp contacts between lithofacies. Person for scale. (G) Thinly bedded, ripple cross-laminated, fine-grained sandstone with mud drapes and organic-rich mats (Sr) surrounded by carbonaceous, nodular siltstone (Fsm), section EF2. Hammer for scale in the white box. (H) Carbonaceous siltstone with abundant organic matter (Fsm) and lignite abruptly overlain by ripple cross-laminated, tabular sandstone (Sr). Hammer for scale in the white box.

Figure 3.4. cont.

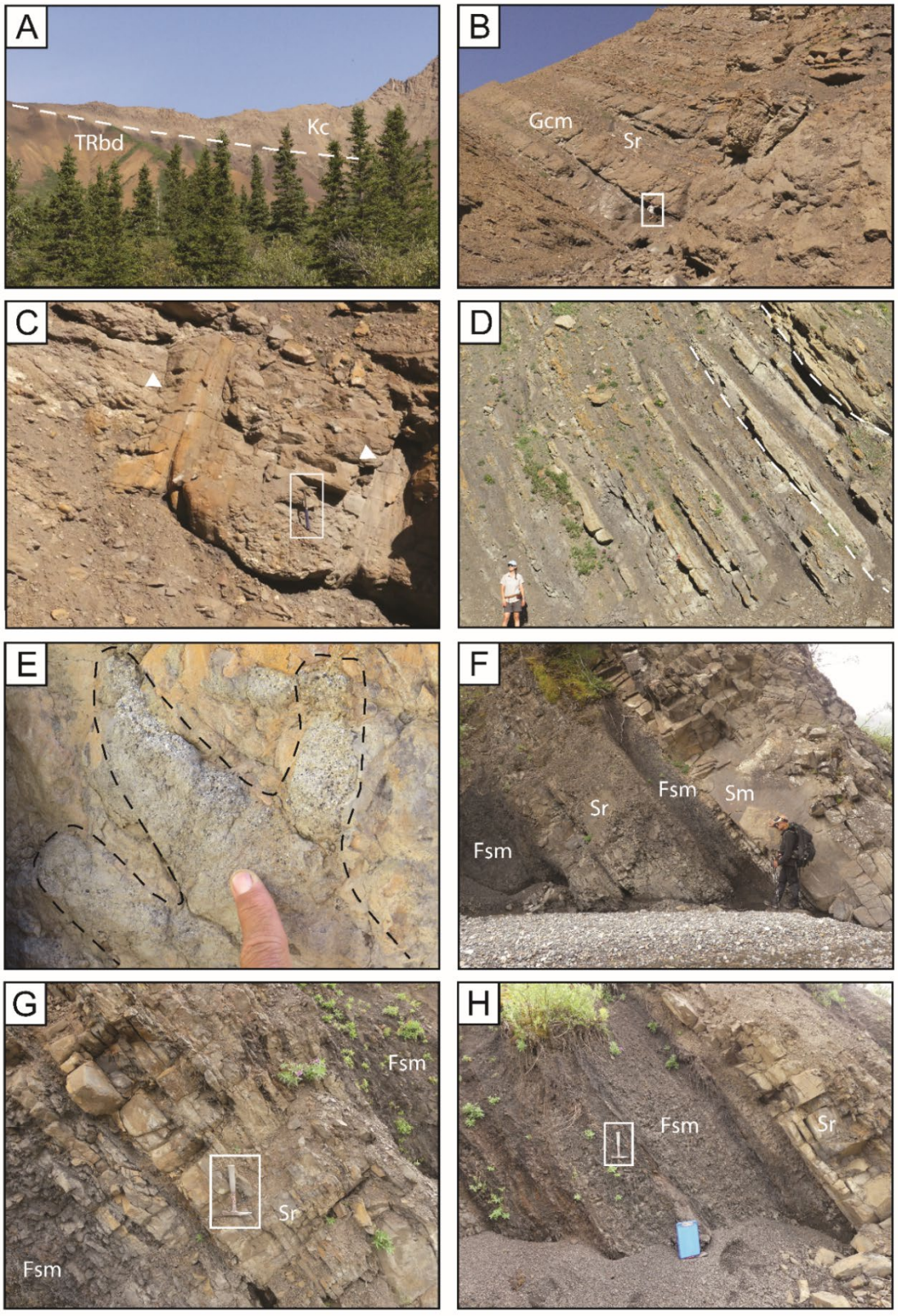


Figure 3.5.: Field photographs of the Cabin Creek Member. (A) Location of section CAB01. Tabular sandstone and mudstone beds. Sandstone beds feature sharp bases and scour surfaces. Stratigraphic up is to the left and the photo was taken facing southeast. Person for scale in the white box. (B) Symmetric ripples on the tops of steeply-dipping sandstone beds near section CAB01 in the Cabin Divide area. Note that ripples are present on the top of every sandstone bed into the background (white arrows). Stratigraphic up is to the left. Person for scale. (C) Close-up photo of symmetric ripples in the top of a sandstone bed in section CAB01. (D) Interference ripples on the top of a sandstone bed in section CAB01. © Photo taken facing west in the Cabin Divide area looking along-strike of section CAB01. Strata are deformed in tight chevron folds. White dashed lines trace bedding and black tadpole symbols shows bedding orientations. This style of deformation is characteristic of the Cabin Creek Member.

Figure 3.5. cont.

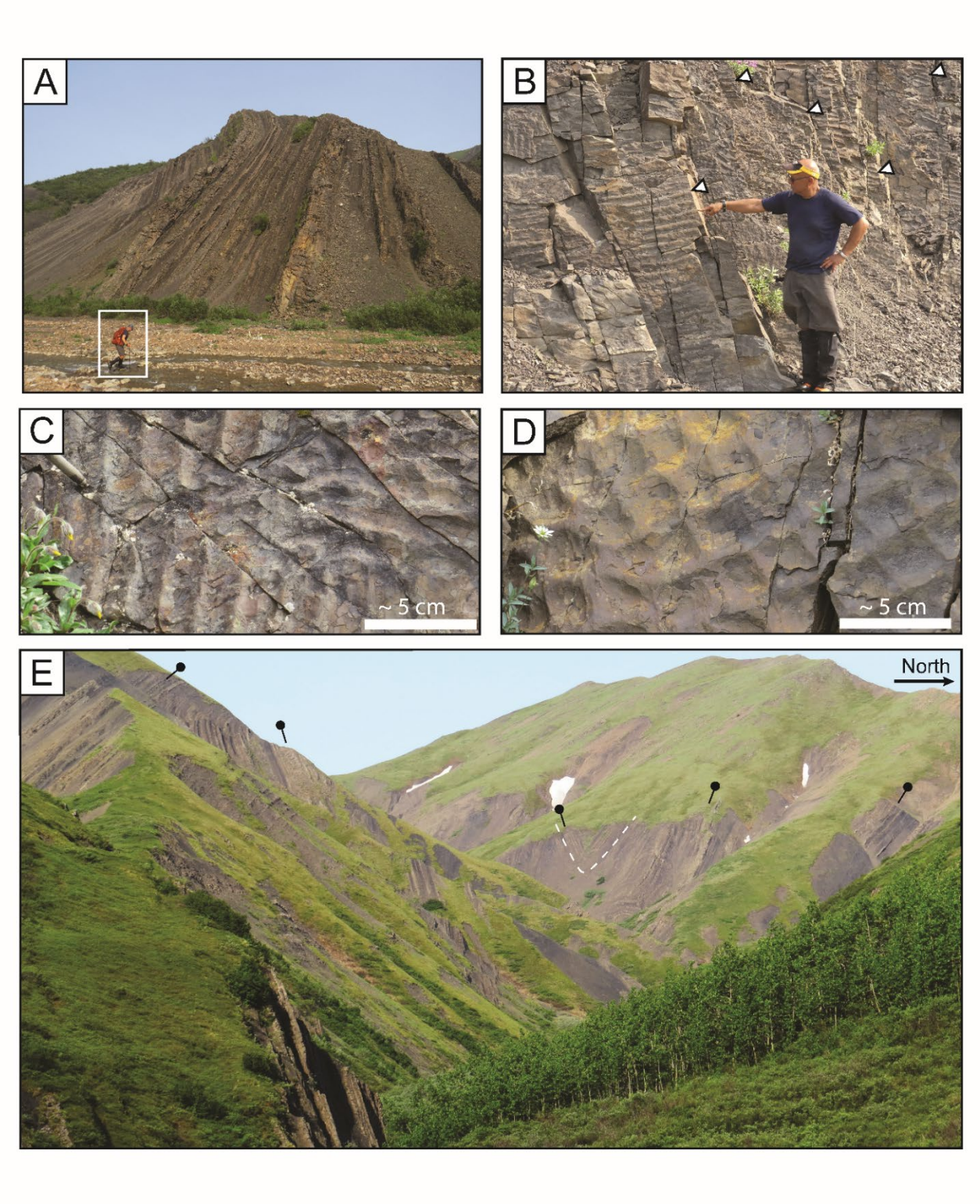
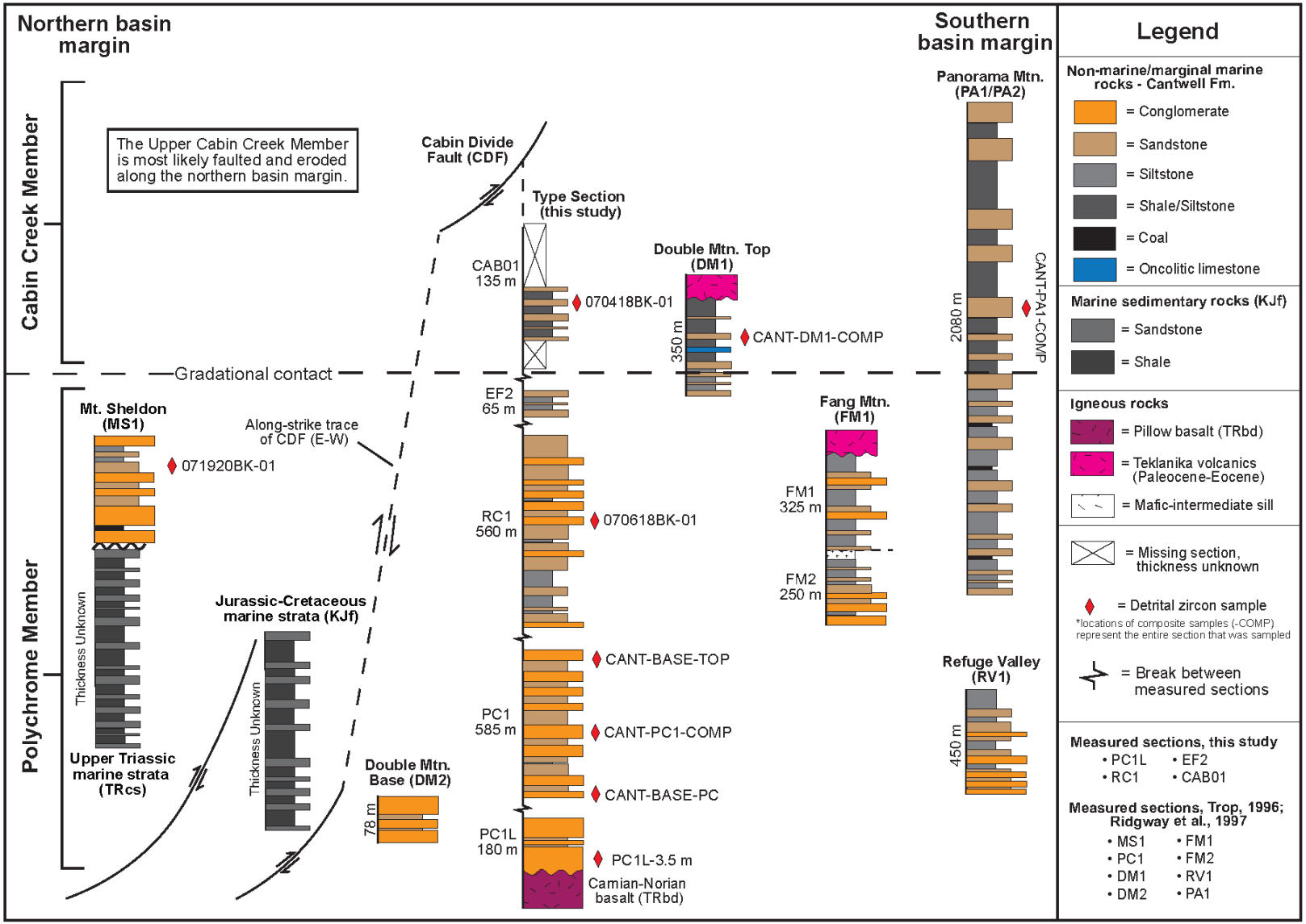


Figure 3.6.: Stratigraphic correlation diagram correlating the type section of the Cantwell Formation with other published measured sections. The gradational contact between the Polychrome and Cabin Creek Members is used as a datum. The Cabin Divide fault (CDF) truncates stratigraphy along the northern basin margin and section MS1 is structurally isolated and in unconformable contact with Upper Triassic submarine strata below (TRcs).

Figure 3.6. cont.



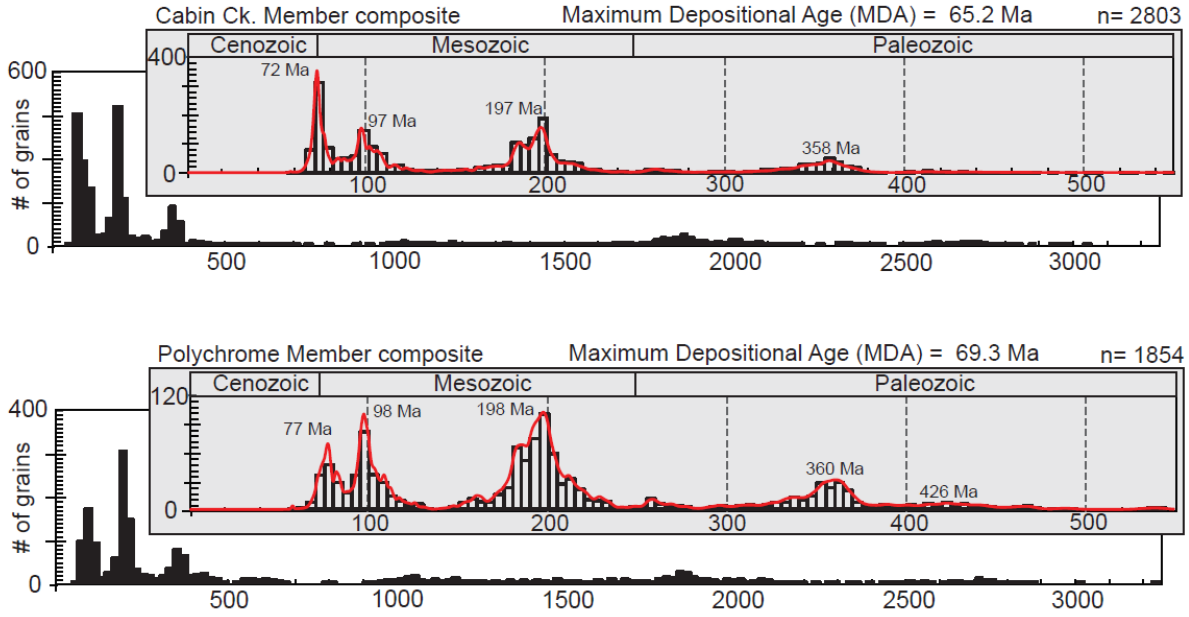


Figure 3.7.: Composite probability density plots showing U-Pb detrital zircon spectra for the Polychrome and Cabin Creek Members. Maximum depositional ages (MDAs) were calculated using the weighted mean age of the youngest three grains overlapping within 2-sigma error for each composite dataset. Sample locations are marked on Figure 2, MDAs calculated using various methods for each sample are summarized in Table 1, and detailed description of results from individual datasets is provided in the text.

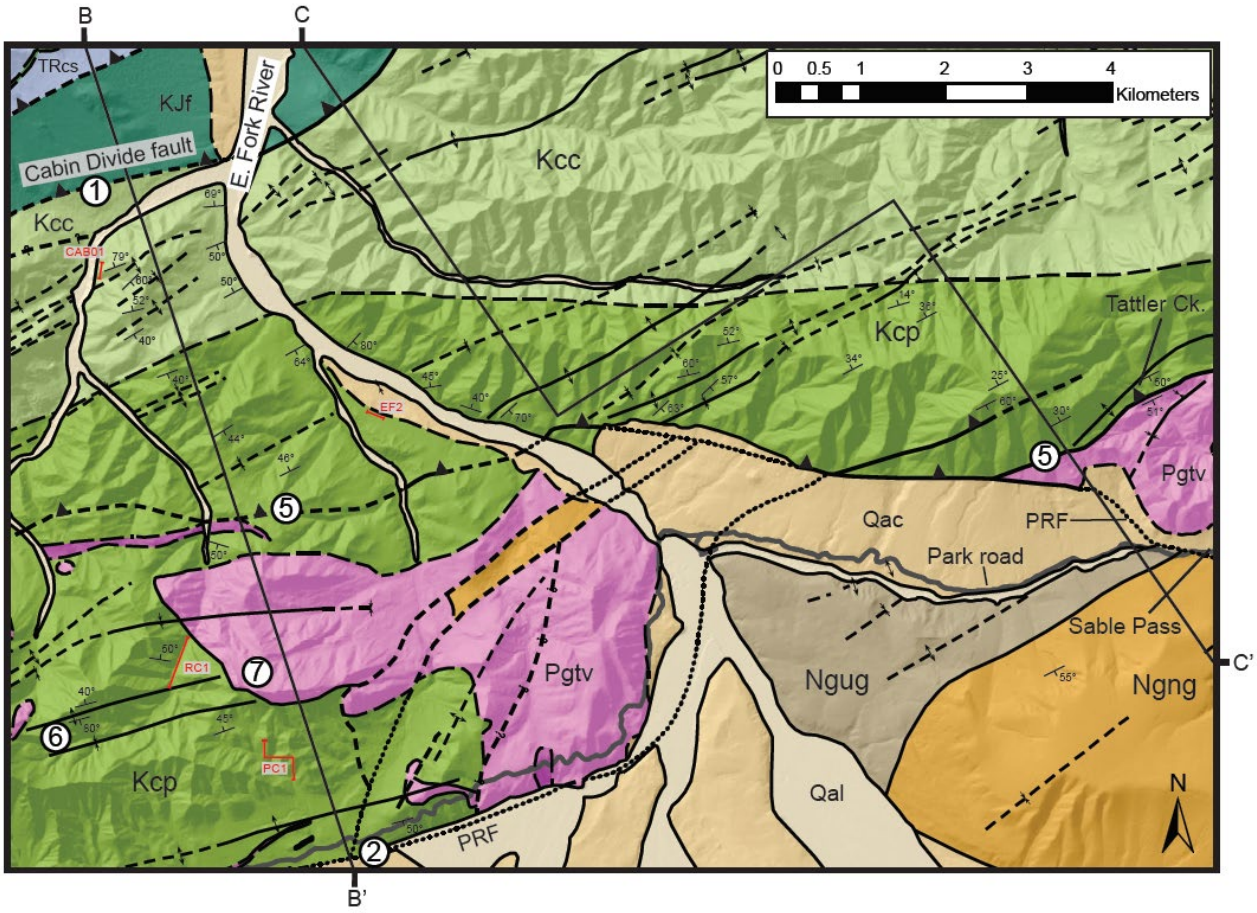


Figure 3.8.: Detailed geologic map of the type area for the Cantwell Formation in the northwestern part of the basin. The location of this map is indicated on Figure 3.2. Key strikes and dips are shown along with fold axes. Strikes and dips and fold axes are compiled from our field mapping and the data of Gilbert and Redman (1975). The locations of measured sections that comprise the type section (Figure 3.3.) are shown in red. Lines B-B' and C-C' mark the locations of cross-sections shown in Figure 3.9. See the legend for Figure 3.2. for unit symbols and colors.

Figure 3.9.: Summary of structural relationships in the northwestern Cantwell basin. Numbered labels mark the same structures between Figures 8, 9, and 10 and are referred to as 'locations' in the text. (A) Geologic cross-section west of the East Fork River along line B-B', shown in Figure 8. Fault propagation folds in the eastern part of the cross-section are disharmonic relative to an open syncline in the Teklanika Formation. An out-of-sequence thrust fault (location 5) to the north controls folding of the Teklanika Formation in the footwall. The shale-rich upper Polychrome Member and Cabin Creek Member are deformed in tight chevron folds in the footwall of the Cabin Divide fault (CDF). The frontal thrust fault of this thrust system is truncated by a modern oblique-slip fault, the Park Road fault (PRF). (B) Field photo of fault propagation folds in the Polychrome Member (Kcp) overlain by the Teklanika Formation (Pgtv). Photo taken facing east on the northeastern flank of Polychrome Mountain. The dashed white line traces bedding and black tadpole symbols show the orientation of bedding. (C) Geologic cross-section east of the East Fork River and through Sable Pass following a break in section. Similar deformational styles are observed relative to Cantwell Formation stratigraphy as in section B-B'. The out-of-sequence thrust shown in section B-B' becomes the frontal thrust of the system with the Teklanika Formation (Pgtv) in the footwall (location 5). The PRF passes through Sable Pass with Neogene strata exposed to the south of the fault. (D) Photo taken looking east of an overturned, reclined anticline exposed along the east bank of the East Fork River in the Polychrome Member. Mafic dikes cross-cut stratigraphy at a high angle in the backlimb. Apparent dip resulting from an approximately 15º difference in the orientation of the outcrop face relative to the profile plane of the fold has resulted in this fold being described as "recumbent" in previous publications where it has been frequently documented. © Photo taken looking northwest at Sable Pass and the south side of Sable Mountain shows the Teklanika Formation (Pgtv) in the footwall of the frontal south-verging thrust fault. The PRF runs through the pass itself.

Figure 3.9. cont.

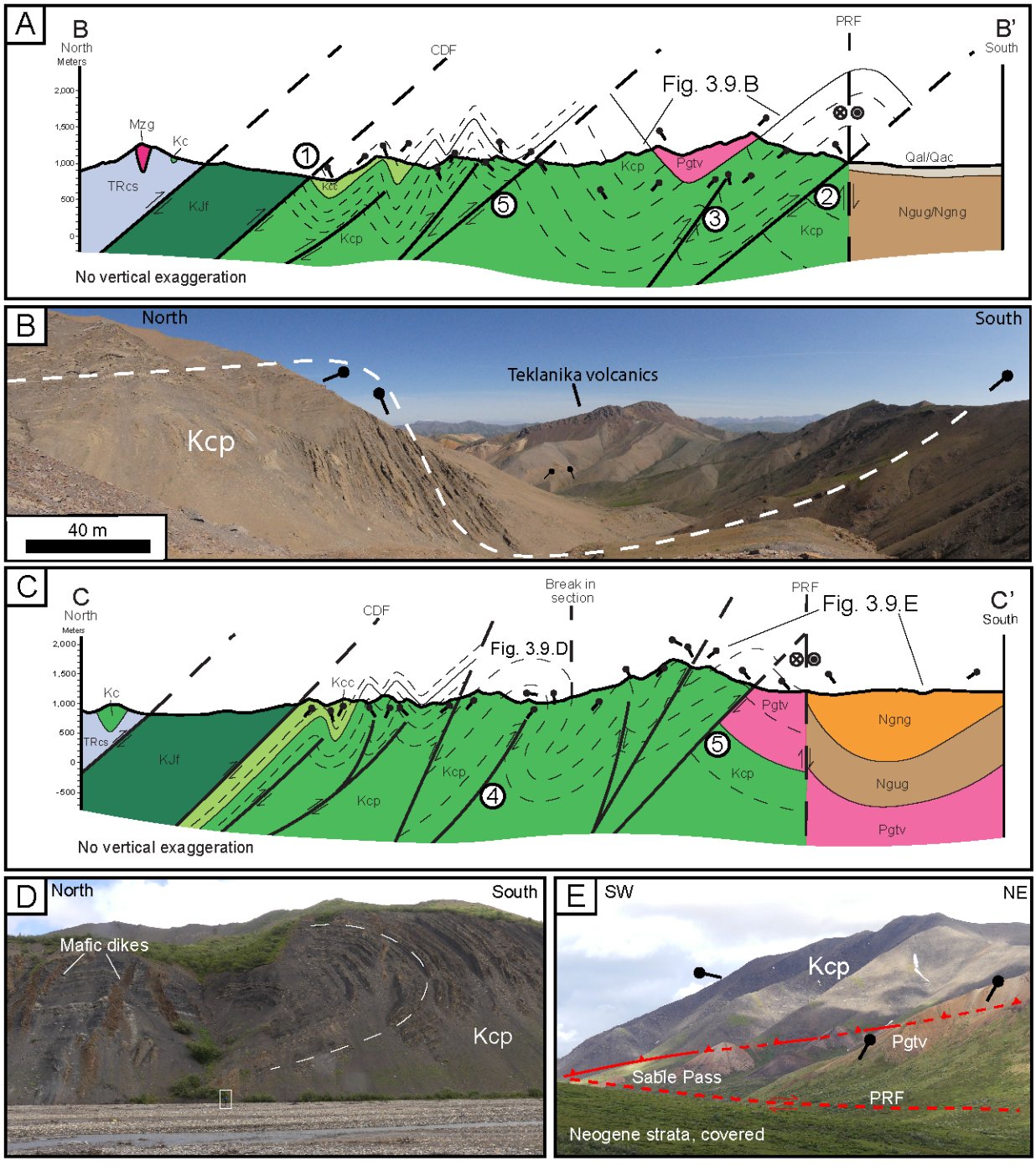


Figure 3.10.: Structural summary of the southern basin margin. Numbered labels mark the same structures between Figures 8, 9, and 10 and are referred to as 'locations' in the text. (A) Detailed geologic map of the Toklat River corridor. Key elements include a north-verging thrust fault that brings unit TRbd over Kcp (location 8). Movement of this thrust sheet is accommodated by a tear fault just east of the Toklat River (location 9). This tear fault juxtaposes the Teklanika Formation and unit TRbd (location 9). See the legend for Figure 2 for unit symbols and colors. (B) Geologic cross-section from A-A'. The structural configuration is characterized by a triangle zone defined by opposing thrust faults along the northern and southern basin margins, respectively. Due to the tear fault, this part of the Cantwell basin is relatively narrow and constitutes a different structural domain than the area east of the tear fault summarized in Figure 9. (C) Field photo taken looking northwest from the east branch of the upper Toklat River. Divide Mountain is comprised of unit TRbd carried north on the frontal thrust fault of the north-verging thrust belt that defines the southern basin margin. The tear fault is covered and runs off the right side of the photo.

Figure 3.10. cont.

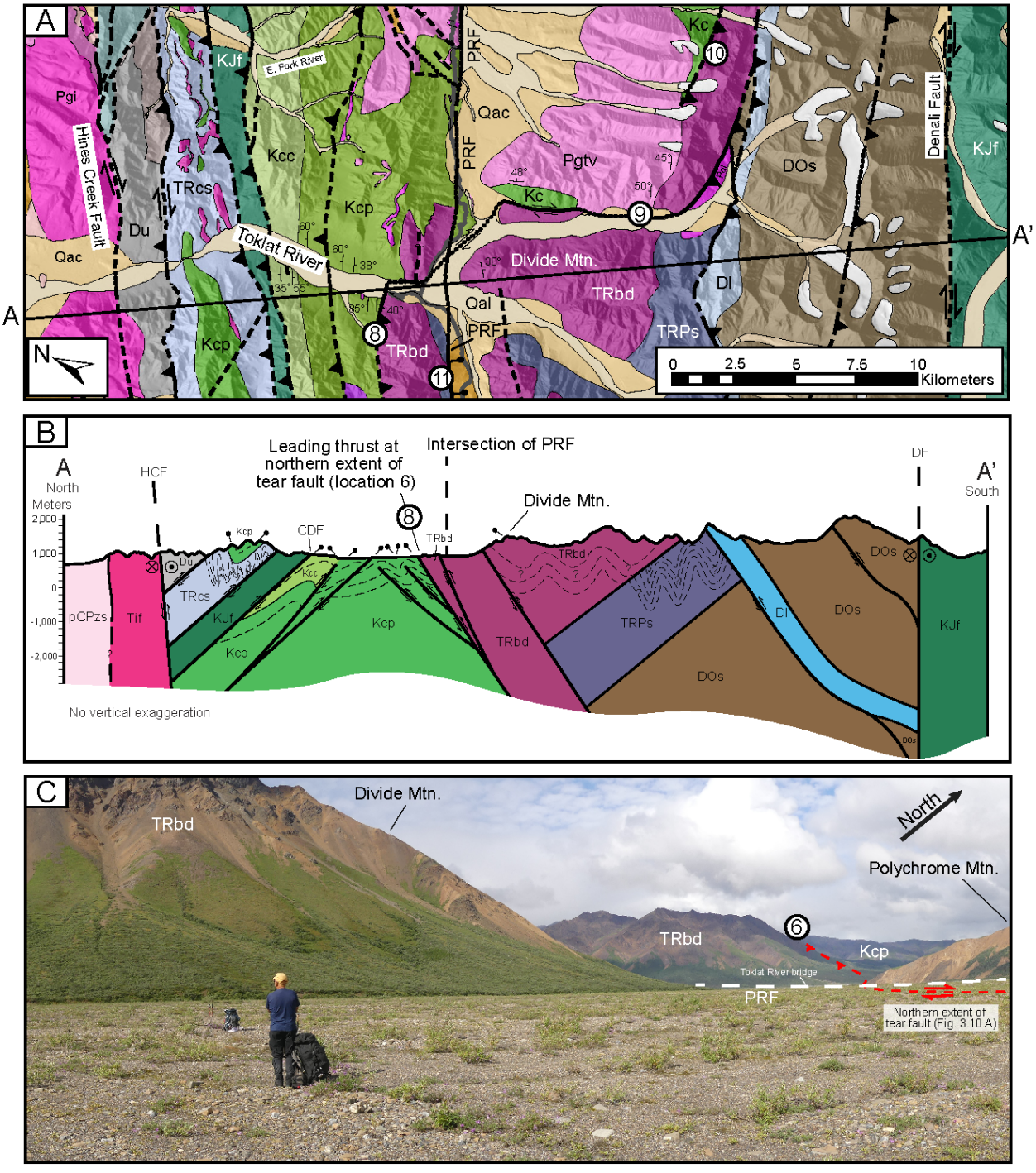
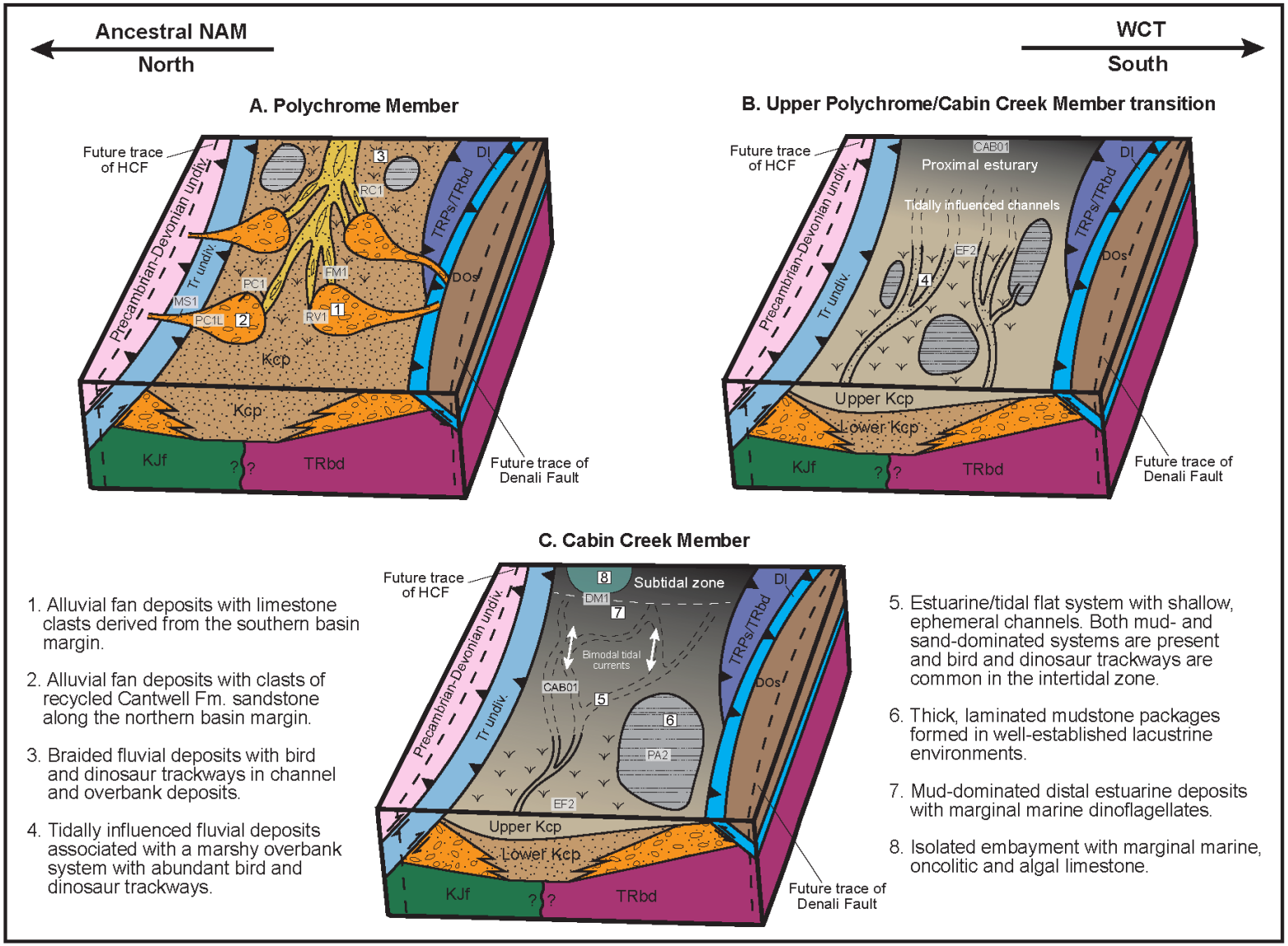


Figure 3.11.: Block diagrams illustrating a three-stage depositional model for evolution of the Cantwell basin. (A) Deposition of the lower and middle Polychrome Member. Wet alluvial fans are sourced locally from the northern and southern basin margins and transition into braided fluvial systems. These fluvial systems merge into an axial and more distal system with localized ponding of water represented by the finer-grained parts of the middle Polychrome Member. (B) Deposition of the lower Polychrome Member and the transition to the Cabin Creek Member. A tidally influenced coastal fluvial system is associated with a marshy floodplain with ponding of water and reworking of fine-grained sediment. The most proximal part of an estuarine system is represented by the transition to the Cabin Creek Member. (C) Deposition of the Cabin Creek Member. An estuarine/tidal flat system is paired with widespread lacustrine deposits. Shallow, ephemeral channels occur in sand-dominated tidal flats during low tide. Other parts of a marginal marine system include deposition of oncolitic limestone near or within the subtidal zone.

Figure 3.11. cont.



1. Alluvial fan deposits with limestone clasts derived from the southern basin margin.
2. Alluvial fan deposits with clasts of recycled Cantwell Fm. sandstone along the northern basin margin.
3. Braided fluvial deposits with bird and dinosaur trackways in channel and overbank deposits.
4. Tidally influenced fluvial deposits associated with a marshy overbank system with abundant bird and dinosaur trackways.
5. Estuarine/tidal flat system with shallow, ephemeral channels. Both mud- and sand-dominated systems are present and bird and dinosaur trackways are common in the intertidal zone.
6. Thick, laminated mudstone packages formed in well-established lacustrine environments.
7. Mud-dominated distal estuarine deposits with marginal marine dinoflagellates.
8. Isolated embayment with marginal marine, oncolitic and algal limestone.

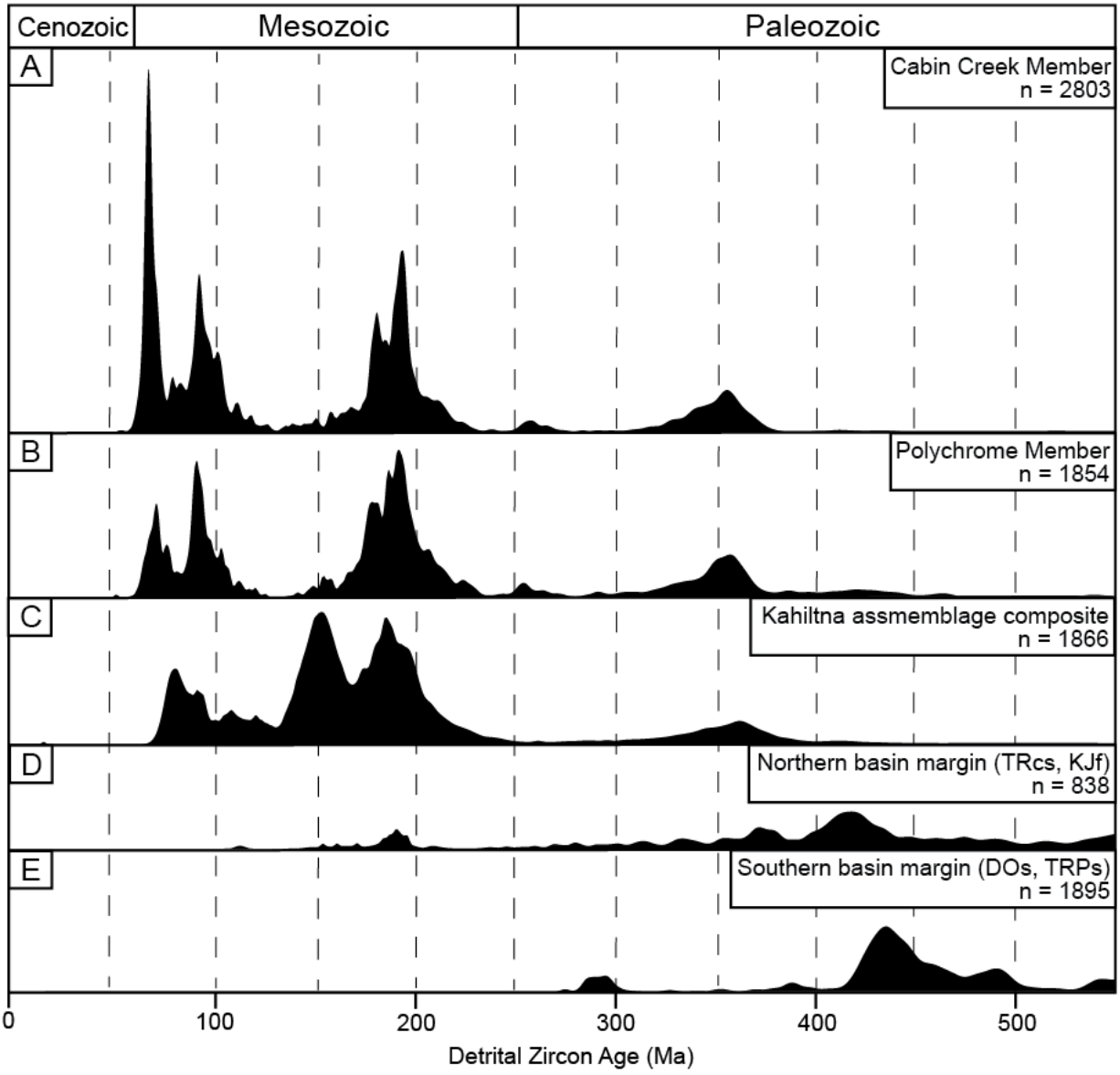
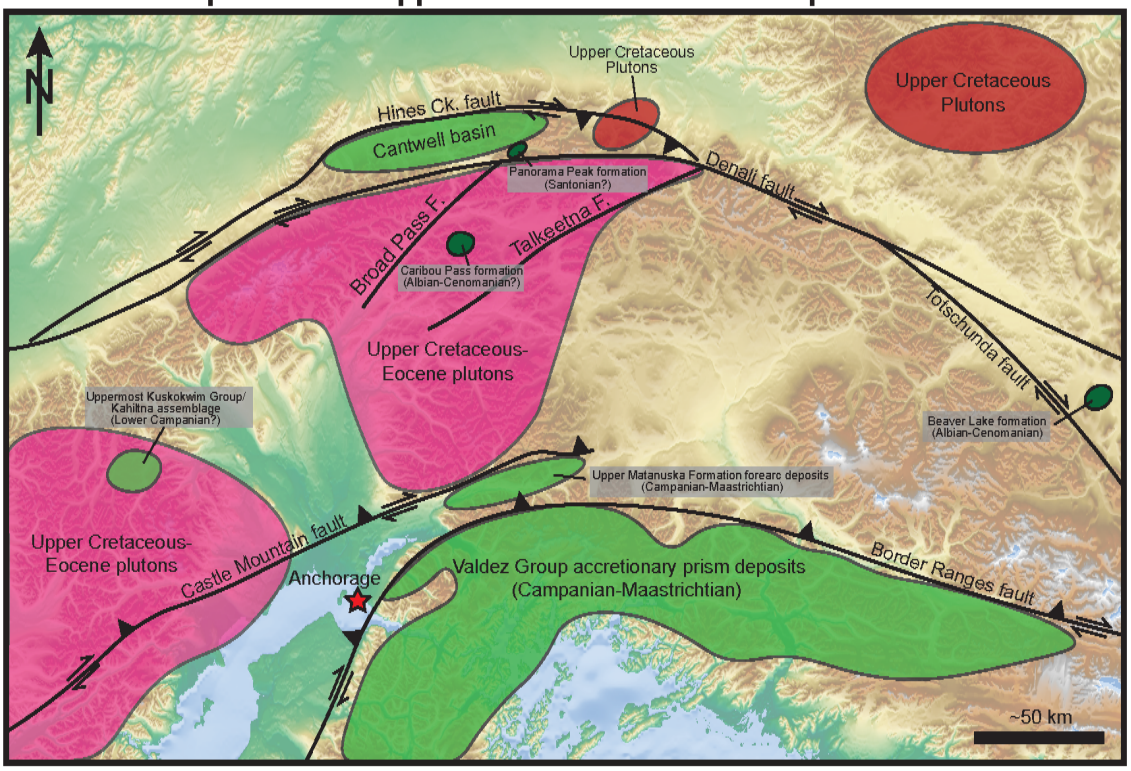


Figure 3.12.: Normalized plots showing composite U-Pb detrital zircon data for possible secondary/recycled sources of detrital zircons. Data shown in plots D and E are from Keough and Ridgway (2020). Data shown in plot C are compiled from Hampton et al. (2007, 2010), Huff (2012), Hults et al., (2013), Box et al., (2019), and Romero et al. (2020).

Figure 3.13.: (A) Simplified map of modern exposures of upper Lower-Upper Cretaceous basinal strata and Upper Cretaceous-Paleogene arcs. Basin deposits shown in dark green represent the transition from marine to non-marine sedimentation following accretion of the WCT to the ancestral NAM. Basin deposits shown in light green are Campanian-Maastrichtian strata. These depocenters represent the establishment of a new convergent margin along the outboard margin of the WCT. Upper Cretaceous plutons shown in pink are intruded into the YCT, while Upper Cretaceous-Eocene plutons shown in pink are intruded into the WCT and ARSZ. These plutons represent the migration of arc magmatism following accretion of the WCT and include the central Alaska Range belt (CAR belt). (B) Paleogeographic map showing the configuration of Late Cretaceous depocenters. This configuration reflects a typical accretionary prism-forearc-arc-retroarc configuration represented by the Chugach accretionary complex, Upper Matanuska forearc strata, CAR belt of plutons, and Cantwell basin, respectively. The Cantwell basin is receiving sediment from arc sources both north and south of the basin, as well as exhumed plutonic sources intruded into the YCT (e.g., Taylor Mtn. batholith and Mississippian-Devonian augen gneiss). Sediment from the active arc is being shed into the forearc as well and probably recycled or bypassed into the accretionary prism. Sedimentation may have persisted into latest Cretaceous time in the Kuskokwim basin, though this part of the retroarc stratigraphic record is incomplete.

Figure 3.13. cont.

A. Modern exposures of Upper Cretaceous strata and plutonic rocks



B. Late Cretaceous paleogeographic reconstruction

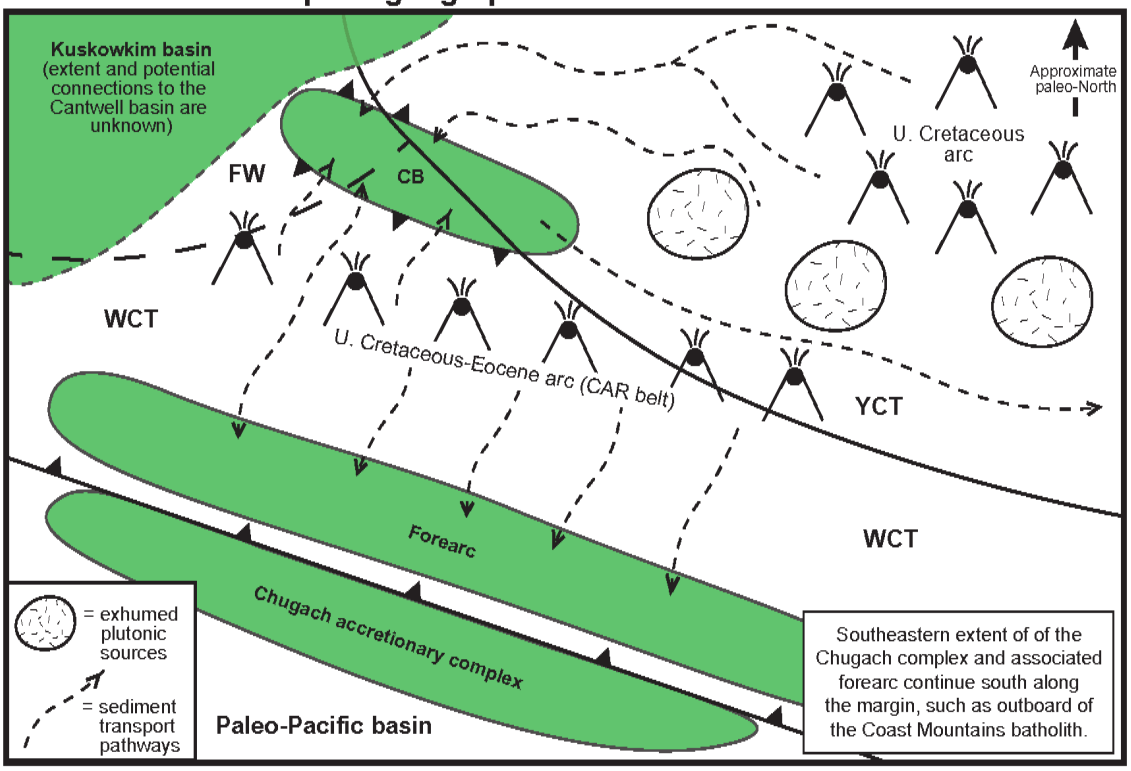


Figure 3.14.: Simplified cross-sections showing progressive Late Cretaceous-Eocene deformation of the Cantwell basin. (A) The Cantwell Formation is deposited within a triangle zone. Syn-depositional deformation includes periodic uplift of the northern basin margin and thrusting along the southern basin margin, resulting in growth structures (Ridgway et al., 1997). At least in the western part of the basin, the Cantwell Formation is deposited unconformably over Upper Triassic basalt (TRbd). (B) Propagation of the northern margin thrust belt structurally isolates and folds part of the Polychrome Member (Kcp) in a syncline. The CDF propagates at least 3 km, placing Jurassic-Cretaceous submarine strata over the Cantwell Formation. The Cantwell Formation is deformed mainly by fault propagation folding. Propagation of some thrust faults along the northern basin margin results in unroofing of the Cantwell Formation, in some cases exposing unit TRbd. (C) The Teklanika Formation is deposited syn-deformationally over the Cantwell Formation, and in some places along the southern margin, over unit TRbd or other basement strata. (D) A shift to strike-slip deformation and initiation of the modern Hines Creek and Denali fault systems leads to truncation of both thrust belts. The northern margin thrust belt is reactivated in this transpressional regime by out-of-sequence thrusting, deforming the Teklanika Formation. The southern margin thrust belt becomes increasingly partitioned and the tear fault along the Toklat River forms, resulting in the emplacement of unit TRbd over the Cantwell Formation.

Figure 3.14. cont.

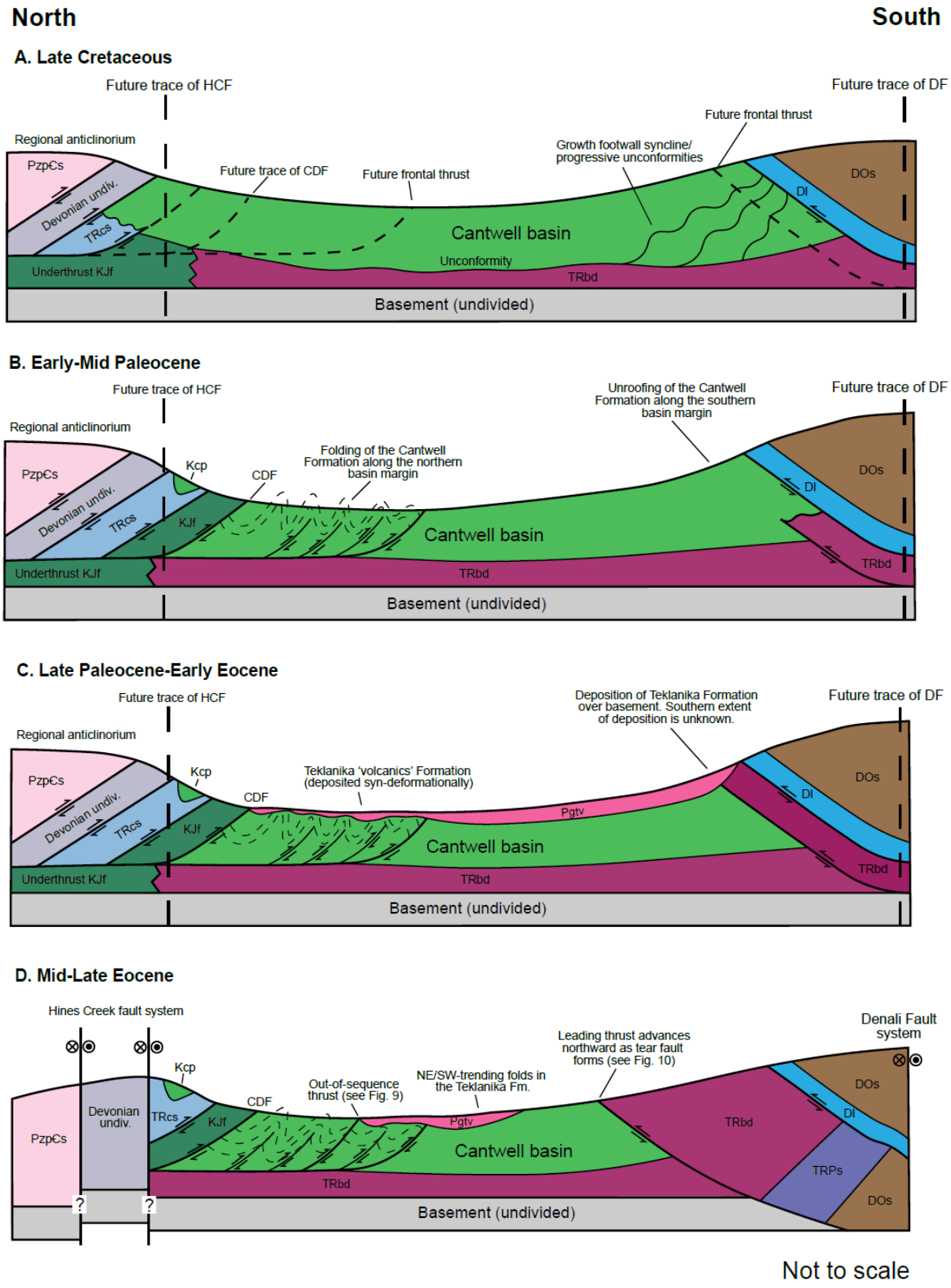


Table 3.1. Summary of Maximum Depositional Ages

Member	Sample ID	Location	YSG (Ma)	YPP (Ma)	YC2σ(3+) (Ma)
Cabin Creek Member	*CANT-DM1-COMP (n=673)	Double Mountain	64.9 ± 1.4	72.0	65.2
	*CANT-PA1-COMP (n=666)	Panorama Mtn.	70.3 ± 5.0	74.2	72.9
	081019BK-01 (n=575)	Igloo Creek	58.2 ± 1.4	72.0	70.3
	070418BK-01 (n=302)	**Cabin Divide**	**82.5 ± 0.7**	**96.0**	**94.6**
	070819BK-02 (n=587)	Cabin Divide	56.9 ± 0.6	71.8	72.1
Polychrome Member	0716MR-02 (n=305)	Tattler Creek	67.8 ± 1.1	76.0	73.7
	070618BK-01 (n=201)	**Polychrome Mtn.**	**70.8 ± 0.7**	**70.0**	**172.1**
	CANT-TOP-PC (n=101)	**Polychrome Mtn.**	**93.7 ± 2.0**	**183.4**	**185.3**
	***CANT-PC1-COMP (n=86)**	**Polychrome Mtn.**	**70.6 ± 2.6**	**189.0**	**163.1**
	CANT-BASE-PC (n=104)	**Polychrome Mtn.**	**88.5 ± 2.0**	**181.5**	**176.7**
	071920BK-01	Mt. Sheldon	62.9 ± 6.0	73.5	69.3
	0816MR-01 (n=307)	Big Creek	57.0 ± 0.6	77.0	73.9
	PC1L-3.5m (n=389)	**Polychrome Mtn.**	**89.8 ± 4.8**	**96.8**	**92.0**

Table 3.2. Summary of Potential Paleozoic and Mesozoic Primary Detrital Zircon Sources

	Source	Ages/Location	References
North of the Cantwell basin	Devonian-Mississippian plutons (peri-Cratonic terranes)	380-330 Ma (orthogneiss; eastern Alaska and Yukon)	Aleinikoff et al., 1986; Day et al., 2003; Dusel-Bacon and Aleinikoff, 1985; Dusel-Bacon et al., 2004, 2006; Johnston et al., 1996; Mortenson, 1990; Nelson et al., 2006
		365-320 Ma (Quesnellia and Slide Mountain terranes, Yukon and B.C.)	Greig and Gehrels, 1995; Johnston et al., 1996; Mortenson, 1990
	Taylor Mountain Batholith (Yukon-Tanana upland)	216-181 Ma	Day et al., 2014; Dusel-Bacon and Williams, 2009
	Cretaceous plutons (Yukon Composite Terrane)	145-85 Ma (eastern Alaska and Yukon)	Day et al., 2003; Dilworth et al., 2002; Dusel-Bacon et al., 1995; Foster et al., 1994; Hart, 1997; Smith et al., 1999, 2000; Werdon et al., 2004; Wilson et al., 1985
	Cretaceous-Eocene plutons (eastern Alaska Range)	110-85 Ma and 70-50 Ma	Moll-Stalcup, 1994, and references therein; Wilson et al., 1985
South of the Cantwell basin	Alexander and Wrangellia terranes	370-339 Ma (Sicker Group; Wrangellia)	Ruks, 2015; Ruks and Mortenson, 2007; Ruks et al., 2009, 2010
		365.5 Ma (gabbros; Wrangellia/Alexander); 353.8 Ma (felsic tuff; Station Ck. Fm., Wrangellia)	Israel et al., 2014
	Bonanza arc	202-160 Ma	Debari et al., 1999
	Talkeetna arc	201-153 Ma (Peninsular terrane, south-central Alaska)	Palfy et al., 1999; Rioux et al., 2007, 2010
	Chitina arc	175-135 Ma (Wrangellia terrane, south-central Alaska)	Nokleberg et al., 1994; Plafker et al., 1989; Roeske et al., 2003
	Chisana arc	140-115 Ma (Wrangellia terrane, south-central Alaska)	Snyder and Hart, 2007
	Central Alaska Range belt of plutons	110-55 Ma (southwestern and south-central Alaska Range)	Koeneman and Wilson, 2018; Moll-Stalcup, 1994; Reed and Lanphere, 1972, 1973; Lanphere and Reed, 1985; Wallace and Engebretson, 1984
Other	Coast plutonic complex	160-50 Ma (British Columbia)	Gehrels et al., 2009

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APPENDIX A. DETRITAL ZIRCON SAMPLE LOCATIONS

Summary table of all detrital zircon samples presented in this study with location information.

Sample ID	Unit	General Geographic Location	Latitude	Longitude
072420BK-01	DOs	Upper Toklat River, east branch	63.4177˚ N	-149.90242˚ W
071319BK-01	TRPs	Upper Toklat River, east branch	63.42923˚ N	-149.93233˚ W
071919BK-01	TRcs	Toklat River, east bank	63.60220˚ N	-150.06380˚ W
071919BK-02	TRcs/Kc angular unconformity	Toklat River, east bank	63.60220˚ N	-150.06380˚ W
072920BK-01	TRcs	East Fork River, east bank	63.62439˚ N	-149.87199˚ W
070819BK-01	KJf	East Fork River, west bank	63.60795˚ N	-149.88686˚ W
071820BK-01	KJf	Toklat River, west bank	63.60795˚ N	-149.88686˚ W
PC1L-3.5m	Cantwell Formation *Polychrome Member*	Polychrome Mountain	63.52468˚ N	-149.9849˚ W
CANT-PC-BASE	Cantwell Formation *Polychrome Member*	Polychrome Mountain	63.5362˚ N	-149.8858˚ W
CANT-PC-TOP	Cantwell Formation *Polychrome Member*	Polychrome Mountain	63.5433˚ N	-149.8905˚ W
CANT-PC1-COMP	Cantwell Formation *Polychrome Member*	Polychrome Mountain	N/A (composite)	N/A (composite)
070618BK-01	Cantwell Formation *Polychrome Member*	Polychrome Mountain	63.54979˚ N	-149.90892˚ W
0716MR-02	Cantwell Formation *Polychrome Member*	Tattler Creek	63.5773˚ N	-149.6806˚ W
0816MR-01	Cantwell Formation *Polychrome Member*	Big Creek	63.6384˚N	-149.6190˚ W
070418BK-01	Cantwell Formation *Cabin Creek Member*	Cabin Divide	63.5915˚ N	-149.9277˚ W
070819BK-02	Cantwell Formation *Cabin Creek Member*	Cabin Divide	63.57495˚ N	-149.91653˚ W
081019BK-01	Cantwell Formation *Cabin Creek Member*	Igloo Creek	63.62935˚ N	-149.57198˚ W
CANT-DM1-COMP	Cantwell Formation *Cabin Creek Member*	Double Mountain	N/A (composite)	N/A (composite)
CANT-PA1-COMP	Cantwell Formation *Cabin Creek Member*	Panorama Mountain	N/A (composite)	N/A (composite)

APPENDIX B. U-PB DETRITAL ZIRCON DATA FOR BASEMENT UNITS

The following data tables contain raw isotopic measurements and calculates ages for detrital zircon samples from Paleozoic-Lower Cretaceous strata in the study area. All analyses were conducted at the Arizona LaserChron Center.

Unit: DOs
Sample: 072420BK-01

				Isotope ratios							Apparent ages (Ma)								
Analysis	U (ppm)	206Pb 204Pb	U/Th	206Pb* 207Pb*	± (%)	207Pb* 235U	± (%)	206Pb* 238U	± (%)	error corr.	206Pb* 238U	± (Ma)	207Pb* 235U	± (Ma)	206Pb* 207Pb*	± (Ma)	Best age (Ma)	± (Ma)	Conc (%)
072420BK-01 1	358.2273	22693.1	1.936355	12.61855	0.976323	2.152234	1.28782	0.198666	0.695967	0.540422	1168.151	7.435883	1165.773	8.928273	1162.204	21.49586	277.5972	1.966772	100.5117
072420BK-01 2	227.5439	28500.01	2.054188	10.95965	1.181523	3.191713	1.515074	0.255239	0.936467	0.6181	1465.439	12.27531	1455.155	11.71428	1440.981	22.69902	307.6931	5.191566	101.6974
072420BK-01 3	292.1779	44895.38	2.770197	8.656125	0.796607	5.458285	1.09355	0.342723	0.708207	0.647622	1899.756	11.65295	1894.059	9.38469	1888.589	14.99722	352.339	2.51711	100.5913
072420BK-01 4	144.5888	3368.849	1.521244	16.53011	4.164441	0.607283	5.090621	0.078213	1.093977	0.214901	485.4476	5.115651	481.845	19.53228	465.6935	110.2072	356.2337	2.546704	104.2419
072420BK-01 5	442.6416	26974.39	6.298902	12.51034	1.053856	2.267041	1.413875	0.206547	0.901411	0.637546	1210.394	9.947541	1202.096	9.962304	1188.095	21.52208	380.5678	3.142935	101.8769
072420BK-01 6	612.5121	15450.36	1.161304	17.65934	2.057942	0.539104	2.355904	0.070045	0.922308	0.391488	436.4247	3.891952	437.8334	8.379186	446.1944	48.19778	390.7372	2.909913	97.81045
072420BK-01 7	55.90745	6891.772	1.086231	8.022825	2.024296	6.015768	2.379178	0.354678	0.961575	0.404163	1956.896	16.22932	1978.129	20.71729	2001.156	38.65562	427.0971	3.160126	97.78828
072420BK-01 8	49.2233	7763.427	2.451447	5.417649	1.290403	12.26994	1.745726	0.485137	0.98399	0.563657	2549.602	20.72088	2625.274	16.39144	2684.864	23.84385	427.3646	3.08097	94.96205
072420BK-01 9	482.8064	53921.42	3.019748	13.16581	1.046544	1.943822	1.408878	0.185834	0.920998	0.65371	1098.769	9.304196	1096.318	9.446278	1092.308	21.3347	427.567	2.667104	100.5915
072420BK-01 10	83.72448	11548.05	1.021291	8.772333	1.902112	5.287832	2.223179	0.339138	1.028037	0.462418	1882.522	16.78337	1866.9	18.98593	1850.324	35.64667	428.5231	2.773904	101.7401
072420BK-01 11	207.1422	11156.11	2.986184	14.1953	2.59424	1.557754	2.86993	0.162849	0.987274	0.344006	972.5917	8.912895	953.5764	17.74948	910.8302	55.50999	429.1473	4.242897	106.7808
072420BK-01 12	15.73267	919.3022	1.419359	9.627658	5.104032	2.633192	11.75052	0.214952	2.618036	0.222802	1255.148	29.8593	1309.957	86.68311	1401.664	220.2062	429.4376	3.884566	89.54698
072420BK-01 13	544.2267	59497.46	7.607474	9.796221	0.660656	4.156905	0.886196	0.29594	0.559501	0.631351	1671.146	8.23642	1665.57	7.253509	1659.339	12.72516	429.9917	3.89621	100.7115
072420BK-01 14	208.3201	19370.71	1.211375	8.953277	0.726168	5.016233	1.068371	0.3277	0.585907	0.548412	1827.226	9.32232	1822.066	9.045164	1816.948	16.21986	430.7456	3.755034	100.5657
072420BK-01 15	65.99651	12215.12	1.274894	5.376809	0.908094	13.13463	1.146587	0.514804	0.628428	0.548086	2677.108	13.76766	2689.372	10.81899	2699.306	15.83502	431.5749	2.841962	99.17762
072420BK-01 16	216.6849	13887.4	2.039154	12.91862	1.351134	2.047005	1.829253	0.194309	0.602554	0.329399	1144.675	6.319613	1131.298	12.47875	1106.567	34.50139	432.0988	3.950461	103.4439
072420BK-01 17	230.9088	6412.106	1.160503	17.30279	3.649015	0.573809	4.214309	0.074936	0.727244	0.172566	465.8281	3.268204	460.4749	15.60291	434.8037	92.48919	432.7864	3.176413	107.1353
072420BK-01 18	82.11231	27094.42	2.382251	4.954789	0.745026	15.2789	1.026173	0.548511	0.688709	0.671143	2818.976	15.72628	2832.786	9.779825	2843.323	12.39539	433.3968	2.368219	99.1437
072420BK-01 19	227.5517	16399.4	0.520862	9.879343	0.800496	4.09755	1.125739	0.294519	0.744022	0.660919	1664.073	10.91212	1653.815	9.188448	1641.601	15.68066	433.8095	4.49408	101.3689
072420BK-01 20	332.1524	6746.248	3.298832	17.01922	4.083349	0.5491	4.928214	0.069998	0.747293	0.151636	436.146	3.151478	444.4071	17.73927	488.361	107.5521	434.2715	2.736772	89.3081
072420BK-01 21	553.9887	20169.78	0.513695	16.54707	1.227665	0.81826	1.476909	0.098869	0.672709	0.455484	607.7764	3.901744	607.0775	6.748782	605.3904	28.44165	434.3091	3.445841	100.3941
072420BK-01 22	143.3432	9387.715	1.315732	13.09325	2.295405	1.828462	2.87772	0.176229	0.666928	0.231756	1046.342	6.441448	1055.727	18.8914	1076.081	56.23042	435.4039	3.183432	97.23635
072420BK-01 23	219.2355	4879.65	0.958093	15.98505	3.062119	0.574708	5.121039	0.069441	0.758858	0.148184	432.7864	3.176413	461.055	18.97955	605.3903	109.6079	435.6079	2.638038	71.48881
072420BK-01 24	228.1734	4241.61	1.098829	15.78024	4.218496	0.588379	4.729776	0.070544	0.875953	0.1852	439.4302	3.72094	469.8317	17.79171	622.135	100.3093	435.6853	2.828964	70.63262
072420BK-01 25	250.3425	16376.3	2.009994	12.11353	1.07536	2.394856	1.33836	0.210727	0.625354	0.467254	1232.689	7.016462	1241.064	9.5868	1256.5	23.1208	435.7722	3.970403	98.10497
072420BK-01 26	164.531	12638.99	3.433756	13.49109	1.911072	1.779972	2.135611	0.17528	0.864266	0.404692	1041.138	8.309159	1038.169	13.88519	1032.783	39.48537	436.146	3.151478	100.809
072420BK-01 27	476.5283	26930.03	1.196659	9.47682	0.677201	4.376985	1.031666	0.299607	0.649426	0.629492	1689.358	9.651339	1708.004	8.52738	1731.733	14.7078	436.238	2.906404	97.55305
072420BK-01 28	223.4942	26639.4	1.395025	9.931786	0.859687	3.97695	1.127817	0.285667	0.672651	0.596418	1619.838	9.634725	1629.504	9.15097	1642.796	16.80013	436.4247	3.891952	98.60253
072420BK-01 29	503.2102	41993.76	2.890129	10.62434	0.709676	3.434322	0.994939	0.263974	0.688762	0.692265	1510.141	9.272784	1512.286	7.824356	1516.097	13.54517	436.5997	2.310946	99.60713
072420BK-01 30	695.8299	14390.07	1.134643	18.24403	1.504391	0.52653	1.801311	0.070559	0.802549	0.445536	439.5209	3.40981	429.5038	6.308728	377.072	36.25945	436.8661	3.064106	116.5615
072420BK-01 31	220.6405	14035.08	1.863926	12.24903	0.987531	2.446502	1.3169	0.218733	0.731828	0.55572	1275.178	8.467072	1256.394	9.492105	1225.197	21.52357	437.1332	3.071154	104.0794
072420BK-01 32	535.0262	40790.81	1.697461	10.777	0.747566	3.319613	1.056755	0.258865	0.719297	0.680665	1484.034	9.535009	1485.674	8.246249	1488.823	14.65994	437.4486	2.876277	99.67836
072420BK-01 33	100.4356	4765.918	1.175252	13.11027	3.211729	1.893244	3.706343	0.186397	0.761702	0.205513	1101.827	7.714581	1078.721	24.63101	1033.191	73.2993	437.9052	7.629795	106.6431
072420BK-01 34	188.7274	4861.084	0.810113	16.23733	2.18219	0.730178	5.515971	0.08979	0.941394	0.170667	554.2962	5.000063	556.6576	23.64113	567.2942	118.4205	438.411	2.975786	97.70877
072420BK-01 35	207.9762	16360.7	1.54947	9.999903	0.962494	3.822699	1.340657	0.277811	0.803259	0.599154	1580.329	11.2579	1597.536	10.79055	1621.101	19.9741	438.9258	3.288789	97.48492
072420BK-01 36	136.2657	10648.93	1.758322	11.19014	1.033375	3.09522	1.758123	0.253313	0.786855	0.447554	1455.541	10.25207	1431.508	13.49333	1396.778	30.14695	439.4032	4.167378	104.207
072420BK-01 37	592.5765	49730.35	2.200458	10.00185	0.733763	3.941457	1.040915	0.284876	0.712552	0.684544	1615.872	10.18427	1622.237	8.430569	1631.296	14.101	439.4302	3.72094	99.05452
072420BK-01 38	97.12728	11867.04	1.777213	10.59104	2.378851	3.487203	2.795539	0.269503	0.777597	0.278156	1538.276	10.64149	1524.323	22.06304	1505.812	50.73964	439.5209	3.40981	102.156
072420BK-01 39	185.7667	16683.34	3.591078	9.920348	1.137718	4.019761	1.453523	0.289374	0.815035	0.56073	1638.398	11.79166	1638.201	11.81922	1638.739	22.34537	440.9851	3.08749	99.9792
072420BK-01 40	65.05996	230.5028	2.120478	10.95545	13.49869	0.261059	66.86335	0.072895	2.103007	0.031452	453.5739	9.210858	235.5199	141.4549	NA	NA	442.1768	2.532068	
072420BK-01 41	536.4468	52086.72	3.034218	11.74361	0.823388	2.7047	1.10696	0.229333	0.71461	0.645561	1331.001	8.593776	1329.748	8.206107	1328.554	16.36383	444.3821	4.6387	100.1841
072420BK-01 42	149.7152	4170.204	0.729238	16.16926	5.366972	0.713405	8.055154	0.087972	0.887683	0.110201	543.532	4.627037	546.7661	34.0677	561.2035	174.7271	445.4241	2.928705	96.85113
072420BK-01 43	322.0003	21396.63	5.762585	13.92924	1.285917	1.600421	1.512498	0.161952	0.704288	0.465646	967.6132	6.327992	970.3744	9.452088	977.5375	27.26758	445.6824	2.622108	98.98477
072420BK-01 44	145.5204	12511.1	1.298597	11.78049	1.706051	2.653877	1.983111	0.228508	0.704868	0.355436	1326.674	8.451806	1315.722	14.62628	1298.75	36.03018	445.8985	3.15502	102.15
072420BK-01 45	128.5876	12871.82	2.239397	11.44172	1.829874	2.851946	2.355574	0.238508	0.793878	0.337021	1378.935	9.855445	1369.324	17.71054	1355.182	42.77232	447.3758	2.979979	101.7528
072420BK-01 46	216.8456	20666.26	2.038203	9.037361	0.731463	4.924381	1.186841	0.323153	0.742523	0.62563	1805.11	11.69034	1806.444	10.01717	1808.759	16.82681	447.3762	3.001243	99.79828
072420BK-01 47	780.6473	28741.4	2.595765	12.92431	0.677888	1.962927	1.087886	0.184299	0.7955	0.731235	1090.417	7.980319	1102.887	7.318197	1128.452	14.79409	448.6431	3.9243	96.62946
072420BK-01 48	542.5142	18688.14	2.367743	16.82235	2.025929	0.735822	2.175109	0.090532	0.720104	0.331066	558.6834	3.853697	559.9646	9.362479	566.1442	44.69528	449.4449	3.162115	98.68218
072420BK-01 49	558.639	44686.67	2.592633	8.152507	0.668672	5.897498	0.950189	0.348144	0.673723	0.709041	1925.731	11.21561	1960.866	8.249463	1998.916	11.90347	449.8629	2.724615	96.33881
072420BK-01 50	172.2585	14264.46	1.338196	9.998801	1.010269	3.816283	1.396307	0.278469	0.690815	0.494744	1583.649	9.699895	1596.185	11.23458	1613.571	22.60299	453.5739	9.210858	98.14558
072420BK-01 51	182.3419	8854.184	4.962131	13.52968	2.040435	1.743153	3.049412	0.174246	0.7729	0.253459	1035.461	7.393407	1024.631	19.67822	1002.439	59.90375	453.879	3.575399	103.2942
072420BK-01 52	98.52369	7201.761	2.984368	11.5445	1.532858	2.801364	1.741117	0.239285	0.607739	0.349051	1382.976	7.564475	1355.902	13.02902	1314.287	31.6466	455.4782	5.669659	105.2263
072420BK-01 53	321.468	7056.841	1.107898	16.54348	3.315029	0.554834	3.50235	0.068734	0.669071	0.191035	428.5231	2.773904	448.1581	12.69086	551.1863	75.05698	456.9452	3.310086	77.74561
072420BK-01 54	239.1715	13348.01	2.032943	13.52524	1.461698	1.755631	1.831487	0.174274	0.560902	0.306255	1035.615	5.366212	1029.239	11.84856	1016.574	35.32102	457.1914	19.71246	101.8731
072420BK-01 55	143.478	14129.96	2.565091	12.55933	1.893836	2.164057	2.093505	0.199099	0.654606	0.312684	1170.477	7.00667	1169.574	14.53979	1168.748	39.40188	457.3855	3.804193	100.1479
072420BK-01 56	335.2931	19717.85	1.687425	12.9852	1.013345	1.931715	1.452987	0.183151	0.569237	0.39177	1084.164	5.680412	1092.134	9.721344	1108.908	26.70574	465.8281	3.268204	97.76856
072420BK-01 57	809.0108	28086.42	1.704866	16.91839	1.233298	0.709512	1.438104	0.087583	0.560893	0.390022	541.2251	2.91175	544.4565	6.060564	558.9329	28.87038	469.7426	2.874553	96.83187
072420BK-01 58	274.2483	17725.07	2.030187	11.14694	0.753795	2.896297	1.260355	0.235301	0.608943	0.483152	1362.223	7.477322	1380.948	9.513198	1410.828	21.11713	475.5797	3.562982	96.55485
072420BK-01 59	120.2823	8868.933	2.402063	12.02927	1.834573	2.432512	2.073401	0.215509	0.688311	0.331972	1258.104	7.867037	1252.264	14.92064	1243.076	38.32206	479.2934	3.518286	101.2089
072420BK-01 60	234.5773	8094.203	1.501764	16.22918	2.793701	0.896918	3.354074	0.108303	0.575152	0.171479	662.8866	3.623129	650.0794	16.10435	606.7799	71.47908	480.4677	4.780217	109.2466
072420BK-01 61	316.9055	16095.93	1.692994	11.92044	0.961149	2.469231	1.511731	0.21488	0.621858	0.411355	1254.767	7.090432	1263.068	10.92571	1278.066	26.85468	481.9391	4.962877	98.17698
072420BK-01 62	371.2409	22294.73	3.089449	13.6443	1.00065	1.702512	1.394976	0.169485	0.620872	0.445077	1009.273	5.800384	1009.475	8.923402	1010.779	25.31451	482.9957	3.044942	99.85098
072420BK-01 63	312.1651	19959.74	2.5604	11.23981	0.762306	2.920943	1.087085	0.23836	0.66027	0.607376	1378.167	8.192693	1387.351	8.223099	1402.32	16.54535	483.4388	4.26921	98.27762
072420BK-01 64	150.3107	12576.1	1.834003	9.301629	1.154098	4.564239	1.412304	0.308921	0.691593	0.489691	1735.394	10.52211	1742.763	11.76359	1752.396	22.53639	485.4476	5.115651	99.02981
072420BK-01 65	149.9537	14037.14	1.758018	10.84656	1.299685	3.140805	1.610373	0.248056	0.783834	0.486741	1428.441	10.04287	1442.748	12.40322	1464.708	26.72548	485.8101	3.509657	97.52391
072420BK-01 66	649.1436	18696.4	5.806099	16.57043	1.101435	0.881355	1.434295	0.106566	0.6441	0.449071	652.7761	3.998657	641.7144	6.82268	603.8896	27.75	486.0753	2.612689	108.0953
072420BK-01 67	253.3972	27366.12	2.176501	9.715815	0.93841	4.228852	1.214543	0.297401	0.656158	0.540251	1678.407	9.696056	1679.638	9.97408	1681.963	18.87276	487.5927	3.465405	99.78863
072420BK-01 68	285.5176	33746.14	3.103974	9.978317	0.672136	3.950818	1.013688	0.285339	0.664145	0.655177	1618.196	9.504404	1624.159	8.213981	1632.684	14.22892	489.2752	3.961397	99.11262
072420BK-01 69	211.35	5237.235	1.445598	17.27794	3.461058	0.687181	5.133853	0.089819	0.819561	0.159639	554.4664	4.354252	531.1055	21.2347	432.9029	112.9463	490.0639	3.210475	128.081
072420BK-01 70	322.2633	34207.41	3.633957	9.096233	0.758229	4.910392	1.00774	0.32282	0.64634	0.641376	1803.485	10.16809	1804.043	8.501357	1805.464	14.05666	490.5455	3.158604	99.89039
072420BK-01 71	281.5502	31194.98	1.53789	10.68941	1.048816	3.421975	1.302237	0.264675	0.713257	0.547717	1513.717	9.622741	1509.455	10.23282	1504.285	20.58793	491.1286	3.22571	100.627
072420BK-01 72	247.4038	19345.3	3.328942	12.89053	1.17952	2.110011	1.409317	0.197737	0.674441	0.478558	1163.153	7.177761	1152.08	9.709005	1132.186	24.6328	491.6828	2.972098	102.7351
072420BK-01 73	943.3923	19626.43	1.319372	17.96194	1.394051	0.547363	1.779626	0.071864	0.689483	0.387431	447.3758	2.979979	443.2674	6.392157	422.9467	36.63162	492.1185	3.606955	105.7759
072420BK-01 74	134.2879	17156.82	4.431873	8.778914	0.950648	5.329503	1.317743	0.339271	0.717636	0.544595	1883.161	11.71928	1873.607	11.26667	1863.796	19.95218	493.816	5.174784	101.039
072420BK-01 75	52.75114	5707.863	2.465281	11.00176	4.632948	3.136624	5.318015	0.255371	1.312541	0.24681	1466.115	17.21201	1441.722	40.96674	1406.738	98.74146	494.0966	4.238376	104.2209
072420BK-01 76	451.6324	20283.73	2.511329	12.74649	0.861083	2.135575	1.220018	0.197787	0.708873	0.581035	1163.423	7.545808	1160.392	8.437304	1155.584	19.7204	494.2644	3.208391	100.6783
072420BK-01 77	601.8015	81319.6	1.302185	9.849898	0.55116	4.144927	0.771772	0.2945	0.538027	0.697132	1663.977	7.890514	1663.209	6.313382	1663.026	10.24016	495.3228	3.632059	100.0572
072420BK-01 78	126.381	5732.788	0.774893	10.82978	1.872289	3.009736	2.234205	0.241422	0.545173	0.244012	1394.088	6.834564	1410.088	17.02967	1435.162	41.32991	497.5485	3.243999	97.13801
072420BK-01 79	159.0156	9894.699	3.512475	12.30305	1.893201	2.328072	2.561919	0.210032	0.580084	0.226426	1228.987	6.490787	1220.89	18.19891	1207.485	49.16564	499.3417	3.058225	101.7807
072420BK-01 80	164.5027	16995.53	5.174864	9.088658	1.163659	4.916802	1.347717	0.324288	0.599639	0.444929	1810.636	9.465784	1805.144	11.37214	1799.584	21.95912	500.0648	3.916062	100.6142
072420BK-01 81	317.1826	26417.15	2.861312	10.19746	0.62429	3.75065	0.898159	0.277016	0.548206	0.610367	1576.316	7.666036	1582.253	7.200189	1590.97	13.29184	505.472	3.11406	99.07894
072420BK-01 82	683.113	20608.66	3.503	9.299103	0.562484	4.320948	0.792319	0.291264	0.546267	0.689454	1647.844	7.943206	1697.367	6.533201	1759.854	10.49414	509.8317	3.246274	93.63527
072420BK-01 83	219.4863	22506.97	1.213089	9.789653	0.708562	4.2224	0.951419	0.299582	0.579201	0.608776	1689.235	8.607159	1678.385	7.810872	1665.634	13.96507	514.0688	6.356616	101.4169
072420BK-01 84	499.2006	9436.251	1.151133	17.90369	2.394393	0.526779	2.643361	0.070074	0.547432	0.207097	436.5997	2.310946	429.6695	9.260842	393.6284	58.01631	518.6251	6.569713	110.9167
072420BK-01 85	254.896	40262.38	4.001997	5.705356	0.535109	12.01045	0.745502	0.495892	0.507462	0.680699	2596.117	10.84449	2605.222	6.987993	2613.018	9.093213	521.4925	3.538001	99.35321
072420BK-01 86	76.59343	6383.512	1.034157	9.706639	2.938474	3.838942	3.16322	0.274939	1.042388	0.329534	1565.821	14.49088	1600.95	25.48658	1648.286	55.39187	522.0333	3.269559	94.99695
072420BK-01 87	78.22223	4316.457	2.693448	12.7991	3.566196	2.034152	3.954643	0.196351	1.035716	0.261899	1155.687	10.95805	1127.006	26.92682	1073.042	76.69698	535.9709	4.890725	107.702
072420BK-01 88	228.4979	15296.91	2.464941	10.02566	1.097401	3.855398	1.515357	0.281844	0.938687	0.61945	1600.643	13.30495	1604.398	12.21828	1610.126	22.16884	536.2796	6.820394	99.41102
072420BK-01 90	203.653	5053.685	3.308066	15.35372	4.808042	0.599305	5.769608	0.069611	1.071205	0.185663	433.8095	4.49408	476.7923	21.95636	690.1995	121.0213	539.0156	4.545303	62.85277
072420BK-01 93	463.399	35197.39	1.510276	8.81462	1.00844	4.715173	1.57109	0.301644	1.18778	0.756023	1699.457	17.74426	1769.939	13.16205	1854.906	18.5847	540.7333	3.464436	91.61954
072420BK-01 94	354.885	18295.11	2.902851	13.73106	1.044124	1.655685	1.3467	0.166312	0.560772	0.416404	991.7596	5.154819	991.7272	8.525345	992.5601	24.89545	540.8623	3.681238	99.91935
072420BK-01 95	110.5983	8819.634	3.113957	12.73553	2.453155	2.136424	2.857676	0.200721	0.606283	0.212159	1179.194	6.533485	1160.667	19.76744	1127.095	55.65323	541.2251	2.91175	104.6225
072420BK-01 96	189.8236	12287.13	0.824625	11.33613	1.318716	2.392677	1.775377	0.198568	0.968933	0.545762	1167.62	10.34804	1240.412	12.71407	1369.987	28.63123	541.9807	3.352767	85.2286
072420BK-01 97	257.9217	20285.25	1.635472	9.837943	0.689783	4.060335	0.912004	0.290591	0.559058	0.612999	1644.481	8.114628	1646.375	7.430485	1649.585	13.3605	542.6676	5.739418	99.69059
072420BK-01 98	347.2648	18302.53	1.248482	13.33244	1.275405	1.805854	1.524417	0.175804	0.589893	0.386963	1044.012	5.685722	1047.579	9.962431	1055.92	28.32642	542.697	4.413806	98.87222
072420BK-01 99	189.1888	3866.827	1.115362	16.08641	4.360026	0.581568	6.846423	0.071864	0.694402	0.101426	447.3762	3.001243	465.4688	25.56808	556.6819	148.7217	543.532	4.627037	80.36478
072420BK-01 100	389.9063	16356.85	10.31306	13.84003	1.00097	1.595698	1.260298	0.161304	0.565869	0.448997	964.0201	5.066803	968.5287	7.866985	979.641	22.94143	545.9014	4.080005	98.40544
072420BK-01 101	69.85724	5043.908	2.464908	12.96517	3.9183	1.970363	4.736958	0.191322	0.672235	0.141913	1128.533	6.959459	1105.432	31.91606	1061.146	94.38484	546.0266	4.036567	106.3505
072420BK-01 103	150.6754	7965.922	1.050025	13.36967	1.81753	1.755458	2.17243	0.173499	0.588281	0.270794	1031.359	5.60682	1029.176	14.05401	1025.399	42.31093	546.3632	3.586607	100.5813
072420BK-01 104	202.6496	22294.36	1.311059	10.02885	0.857942	3.881703	1.105343	0.282652	0.561152	0.507672	1604.706	7.971546	1609.884	8.924611	1617.458	17.72926	550.9717	5.459445	99.2116
072420BK-01 105	406.2812	20072.82	1.351861	12.13451	0.687839	2.42796	0.986431	0.214417	0.577588	0.585533	1252.307	6.573974	1250.917	7.094297	1249.359	15.64567	554.2962	5.000063	100.2359
072420BK-01 106	141.7777	14602.03	1.085083	9.551976	0.88151	4.351118	1.247153	0.302605	0.625591	0.501615	1704.215	9.368556	1703.108	10.29724	1702.532	19.8692	554.2986	3.897763	100.0989

072420BK-01 107	450.4804	63512.13	3.533678	9.324274	0.684051	4.53832	0.915157	0.306197	0.574455	0.627713	1721.968	8.680956	1738.022	7.614663	1758.177	13.02947	554.4664	4.354252	97.9405
072420BK-01 108	223.7586	13340.92	0.824856	13.40017	1.573458	1.789361	1.713769	0.176373	0.56647	0.330541	1047.13	5.474979	1041.593	11.16331	1030.853	32.7154	554.5604	6.628768	101.579
072420BK-01 109	463.6397	14517.35	2.599262	17.38297	1.770406	0.617158	2.182233	0.079164	0.682132	0.312585	491.1286	3.22571	488.0643	8.456389	474.6564	45.85137	555.6228	5.526616	103.4703
072420BK-01 110	207.9111	7145.946	1.048217	15.25413	5.153147	0.641564	5.952624	0.073212	1.289263	0.216587	455.4782	5.669659	503.2737	23.62646	727.7873	123.3073	556.9919	3.800502	62.58397
072420BK-01 111	278.7437	13390.24	3.187708	14.35661	1.772888	1.382146	2.059922	0.146116	0.691281	0.335586	879.1543	5.681224	881.3544	12.13632	887.7675	40.1125	558.0565	4.88692	99.0298
072420BK-01 112	657.7914	28310.49	4.42085	11.08569	0.744155	2.896332	0.979794	0.234396	0.612807	0.625445	1357.497	7.501323	1380.957	7.395455	1418.223	14.61517	558.6834	3.853697	95.71818
072420BK-01 113	202.9304	15915.6	2.190588	11.11903	1.028957	2.962847	1.415821	0.241682	0.722731	0.510468	1395.433	9.068351	1398.145	10.74871	1403.098	23.32287	559.3232	3.501238	99.45371
072420BK-01 114	449.8805	32984.4	2.467129	14.04776	0.936127	1.561831	1.146301	0.160364	0.643215	0.561123	958.7982	5.730426	955.1935	7.096092	947.7719	19.42744	559.8342	10.18859	101.1634
072420BK-01 115	336.8708	26343.89	0.868716	12.63575	0.958621	2.216043	1.185187	0.204809	0.642471	0.542084	1201.104	7.040497	1186.121	8.29245	1159.752	19.76844	561.5081	4.298851	103.5656
072420BK-01 116	181.9587	16869.24	1.392658	8.913323	1.123379	4.91738	1.453087	0.320704	0.649678	0.447102	1793.165	10.16987	1805.243	12.2616	1819.991	23.59056	562.0949	3.618583	98.52605
072420BK-01 117	266.8869	27763.82	1.606895	8.497751	0.569697	5.550818	0.817338	0.344083	0.571324	0.699007	1906.281	9.428404	1908.504	7.03234	1911.687	10.49231	564.5408	9.393896	99.7172
072420BK-01 118	140.3664	4632.466	0.803636	15.93797	5.547928	0.724255	6.334124	0.088393	0.771012	0.121724	546.0266	4.036567	553.1754	27.02146	583.6385	136.6155	575.9667	5.729071	93.55561
072420BK-01 119	451.5243	59705.42	1.874508	9.677645	0.589461	4.210856	0.858839	0.298033	0.590233	0.687245	1681.549	8.736171	1676.138	7.047096	1670.157	11.53589	583.9524	7.927658	100.6821
072420BK-01 120	669.2451	14276.84	5.734232	17.3082	1.431708	0.587926	1.770628	0.075589	0.634509	0.358352	469.7426	2.874553	469.5422	6.65665	469.5294	36.60547	598.199	3.722872	100.0454
072420BK-01 121	478.5934	13154.89	1.486039	17.54121	1.302173	0.624861	2.351737	0.081567	0.640539	0.272368	505.472	3.11406	492.8898	9.183279	435.7925	50.40528	607.7764	3.901744	115.9892
072420BK-01 122	151.5467	8066.304	4.16366	12.71507	1.561617	2.133775	1.807695	0.202503	0.641241	0.354728	1188.754	6.961219	1159.809	12.49849	1107.007	33.77826	613.5223	4.159789	107.3845
072420BK-01 123	1133.799	64708.31	7.894805	13.24733	0.659026	1.880774	0.867129	0.18181	0.553908	0.638784	1076.855	5.493205	1074.335	5.748382	1070.118	13.38811	630.9508	4.94137	100.6296
072420BK-01 124	142.2431	8101.607	2.323963	11.99717	1.313163	2.383862	1.6245	0.213143	0.640664	0.394376	1245.538	7.256163	1237.77	11.62083	1225.108	29.32411	635.4263	5.36389	101.6677
072420BK-01 125	315.6772	23849.16	3.337728	11.50503	1.212523	2.788301	1.379087	0.235684	0.590175	0.427946	1364.218	7.256395	1352.406	10.30698	1334.602	24.10655	638.7524	4.334717	102.2191
072420BK-01 126	385.7632	21627.72	1.811494	11.55785	0.818515	2.666711	1.095455	0.226608	0.650846	0.594133	1316.699	7.751159	1319.282	8.089708	1324.307	17.06526	652.7761	3.998657	99.42553
072420BK-01 127	488.7102	30429.77	2.118292	11.25203	0.638005	2.780359	0.903094	0.229478	0.61822	0.684557	1331.76	7.438423	1350.276	6.744306	1380.546	12.64993	662.8866	3.623129	96.46619
072420BK-01 128	690.5234	35748.1	3.019196	14.10317	0.686684	1.537834	0.93092	0.158921	0.607007	0.652051	950.778	5.365865	945.6372	5.727867	934.5615	14.47923	734.9879	4.834409	101.7352
072420BK-01 129	194.5501	16570.05	4.098535	12.53315	1.581595	2.072717	1.716744	0.191118	0.605683	0.352809	1127.428	6.264841	1139.831	11.75906	1164.361	31.83495	785.9079	5.175519	96.828
072420BK-01 130	574.1295	39201.72	1.300744	10.09026	0.609018	3.839235	0.902483	0.282958	0.646368	0.71621	1606.243	9.189837	1601.012	7.270165	1594.93	11.76085	879.1543	5.681224	100.7093
072420BK-01 131	170.3321	4397.073	2.468075	16.10275	4.208089	0.55613	4.614506	0.068837	1.021955	0.221466	429.1473	4.242897	449.0043	16.74653	552.9943	98.24201	910.8302	55.50999	77.60429
072420BK-01 132	959.9658	53621.61	1.687409	13.89885	0.777928	1.532058	1.079653	0.15556	0.683469	0.633045	932.0532	5.931187	943.3237	6.63318	970.6135	17.04587	911.5797	30.05189	96.02722
072420BK-01 133	141.6462	10854.89	3.908131	12.68501	2.691101	1.984019	2.796306	0.186044	0.654805	0.234168	1099.907	6.621321	1110.089	18.8803	1130.936	54.15905	918.6673	63.38481	97.25635
072420BK-01 134	99.06734	7184.975	1.272638	11.27421	1.401369	2.867271	2.087098	0.239854	0.701412	0.33607	1385.937	8.747172	1373.355	15.71345	1354.665	37.91358	929.8561	18.32723	102.3084
072420BK-01 135	1111.014	10767.71	1.10489	17.57874	1.751952	0.374108	3.084182	0.048888	1.727842	0.560227	307.6931	5.191566	322.6934	8.526211	433.3551	56.93924	933.0495	17.72171	71.00253
072420BK-01 136	110.8727	13358.62	1.36246	9.853335	1.281009	4.061246	1.537074	0.293372	0.592535	0.385495	1658.358	8.664178	1646.558	12.52416	1632.321	26.35515	934.5615	14.47923	101.5951
072420BK-01 137	308.6282	20296.8	1.996422	12.59683	1.088982	2.178323	1.334123	0.200894	0.560586	0.42019	1180.121	6.045365	1174.142	9.284576	1163.981	24.01092	935.3331	26.26545	101.3866
072420BK-01 138	426.3869	28451.08	3.807451	11.84947	0.859273	2.333145	1.255309	0.201891	0.829454	0.660757	1185.471	8.981788	1222.436	8.92235	1289.098	18.33925	941.9506	50.23278	91.96122
072420BK-01 139	278.7958	14224.51	1.048041	13.59881	1.737925	1.724723	1.923486	0.172519	0.550827	0.286369	1025.977	5.224573	1017.786	12.36339	1001.073	37.40531	942.829	77.06858	102.4877
072420BK-01 140	42.87424	3447.088	2.679836	12.23032	7.686171	1.735033	8.375911	0.162102	0.671402	0.080159	968.4503	6.037344	1021.621	54.00281	1138.245	166.3481	946.8675	19.37402	85.08276
072420BK-01 141	176.0236	12118.74	3.05942	13.86879	1.580724	1.597229	2.076999	0.163388	0.638709	0.307515	975.5787	5.782528	969.1274	12.97021	955.3969	40.40559	947.7719	19.42744	102.1124
072420BK-01 142	279.3669	13918.69	4.216493	12.3816	0.995104	2.321411	1.310945	0.211192	0.54615	0.416608	1235.165	6.138958	1218.855	9.303705	1190.947	23.526	949.4014	34.37071	103.7129
072420BK-01 143	447.9822	29264.07	3.980284	13.71744	0.909265	1.578379	1.17265	0.158146	0.639913	0.545698	946.4644	5.632921	961.7311	7.289039	997.6688	19.95303	949.7427	39.83124	94.8676
072420BK-01 144	202.2786	10932.17	5.765728	12.92873	1.47137	1.883989	1.813869	0.179578	0.508244	0.280199	1064.67	4.987895	1075.468	12.03209	1098.274	34.84399	950.4333	37.19863	96.94026
072420BK-01 145	899.4249	124288.3	2.54835	9.633133	0.506534	4.327178	0.725656	0.302724	0.517974	0.713801	1704.801	7.759258	1698.555	5.985125	1691.643	9.372784	951.0292	28.04622	100.7778
072420BK-01 146	1114.123	22877.2	1.449311	12.76162	0.585504	1.654628	1.760524	0.154406	1.650637	0.937583	925.6129	14.23231	991.323	11.14259	1140.604	12.15613	951.922	31.77513	81.15113
072420BK-01 147	96.01687	16493.02	0.562111	5.432534	0.891058	12.78324	1.157004	0.505811	0.682421	0.589817	2638.723	14.77711	2663.81	10.8961	2683.622	15.44951	955.3969	40.40559	98.32692
072420BK-01 149	486.533	27097.36	3.93072	12.69246	0.809176	2.070349	1.062124	0.192035	0.537663	0.506215	1132.39	5.583676	1139.048	7.272241	1152.596	18.20084	955.8659	29.73886	98.24694
072420BK-01 150	237.5734	28572.96	1.195571	9.928707	0.770863	3.986638	0.976525	0.28853	0.572232	0.585988	1634.178	8.260121	1631.479	7.927222	1628.792	14.70979	961.343	39.97994	100.3306
072420BK-01 151	276.4143	16425.97	6.154242	13.97045	1.654727	1.564925	1.815405	0.160555	0.688327	0.379159	959.8595	6.13862	956.4191	11.24709	949.4014	34.37071	963.7475	24.657	101.1015
072420BK-01 152	150.3788	4119.793	1.660997	15.19701	7.444304	0.603522	7.773349	0.07029	1.802187	0.231842	437.9052	7.629795	479.4663	29.71531	684.4253	161.6457	964.3079	33.97202	63.98144
072420BK-01 153	235.4377	24955.26	0.989378	9.858018	0.837815	4.128987	1.155961	0.296589	0.621417	0.537576	1674.373	9.163354	1660.058	9.449253	1642.787	18.08916	964.5152	21.77133	101.9227
072420BK-01 154	242.2858	19785.92	2.383573	12.28232	1.633817	2.366291	1.908627	0.212485	0.621165	0.325451	1242.042	7.017406	1232.484	13.62365	1216.653	35.47603	964.6388	39.56712	102.0868
072420BK-01 155	473.1858	33179.05	1.614278	12.54239	0.810828	2.232864	1.040311	0.204047	0.635445	0.610822	1197.024	6.941975	1191.419	7.29584	1182.141	16.28872	968.3425	24.99834	101.259
072420BK-01 156	761.6584	49080.38	2.664772	13.09046	0.790175	1.912044	1.060809	0.18208	0.621272	0.585659	1078.327	6.169004	1085.298	7.07252	1100.174	17.21882	970.6135	17.04587	98.01417
072420BK-01 157	157.7545	4858.693	1.007642	16.12499	6.633822	0.643275	8.041135	0.078985	0.68033	0.084606	490.0639	3.210475	504.3318	31.97254	570.5235	174.5881	971.0864	43.2971	85.89723
072420BK-01 158	60.08924	6023.092	1.014745	8.217001	2.217049	5.940894	2.471524	0.359916	0.746898	0.302201	1981.775	12.74292	1967.234	21.48305	1952.737	42.08943	976.4382	33.37514	101.487
072420BK-01 159	58.55901	7039.008	1.643929	9.090066	1.722729	5.005655	2.157436	0.335239	0.873963	0.405093	1863.724	14.14514	1820.279	18.26061	1771.697	36.01504	977.3508	17.28594	105.1943
072420BK-01 160	261.2679	20717.23	1.027922	9.340897	0.92328	4.181496	1.12603	0.284482	0.632919	0.56208	1613.897	9.036364	1670.4	9.227169	1742.93	17.06417	977.5375	27.26758	92.59681
072420BK-01 161	143.5425	4627.698	0.215013	15.5281	3.82563	0.667487	5.353991	0.078853	0.84076	0.157034	489.2752	3.961397	519.1835	21.76479	653.9765	113.5277	979.641	22.94143	74.8154
072420BK-01 162	220.5931	34646.36	0.735738	5.247512	0.63989	14.16477	0.911858	0.537999	0.648201	0.710858	2775.066	14.61685	2760.801	8.648506	2751.09	10.54085	981.0854	62.20293	100.8715
072420BK-01 163	86.61942	9185.422	1.496642	11.6119	4.778674	2.652181	4.915953	0.22695	0.701188	0.142635	1318.497	8.36098	1315.25	36.26378	1310.791	94.46516	983.022	58.97327	100.5879
072420BK-01 164	266.9047	25753.74	1.941938	9.980333	0.905452	3.935818	1.203744	0.285862	0.635882	0.528253	1620.815	9.112897	1621.078	9.746606	1622.21	19.01678	983.1202	158.2664	99.91403
072420BK-01 165	482.7062	9113.594	1.257189	17.71676	2.187167	0.531587	2.342525	0.070162	0.726657	0.310202	437.1332	3.071154	432.8623	8.255748	411.1506	49.80618	986.9454	47.52909	106.3195
072420BK-01 166	91.08701	5131.518	1.432148	12.83877	2.897395	1.895611	3.2311	0.182656	0.761685	0.235736	1081.471	7.583513	1079.551	21.48098	1076.573	63.06205	987.6071	34.2619	100.4549
072420BK-01 167	361.2692	27181.55	1.942978	10.87047	0.830851	3.226432	1.123914	0.255298	0.725626	0.645624	1465.742	9.513319	1463.531	8.712092	1461.133	16.31321	991.0591	41.39802	100.3155
072420BK-01 168	299.5673	6528.833	0.553256	17.12544	2.683436	0.567638	4.102712	0.072946	0.8158	0.198844	453.879	3.575399	456.4858	15.08546	470.615	89.03102	992.5601	24.89545	96.44381
072420BK-01 169	166.5497	14790.6	1.746234	9.72359	1.199207	4.267372	1.58675	0.301522	0.766512	0.48307	1698.854	11.44736	1687.091	13.05356	1673.287	25.68213	993.6636	40.98693	101.5279
072420BK-01 170	159.8406	10704.15	2.342048	8.643966	0.969389	5.315624	1.341357	0.334517	0.752942	0.561328	1860.24	12.16675	1871.378	11.46386	1884.537	19.99086	996.836	39.57088	98.71073
072420BK-01 171	115.0393	8663.42	1.460349	9.424521	1.196422	4.411278	1.6166	0.303896	0.788453	0.487723	1710.601	11.84614	1714.459	13.38203	1719.958	25.93282	997.6688	19.95303	99.45597
072420BK-01 172	245.5974	15921.4	2.238695	12.82468	1.148344	2.042247	1.492711	0.190784	0.730014	0.489053	1125.622	7.539789	1129.712	10.17499	1138.463	25.9	1000.319	111.9923	98.87213
072420BK-01 173	46.43866	2959.61	1.868443	12.81044	5.056258	1.569693	6.476112	0.15455	1.630501	0.251772	926.4167	14.07004	958.3046	40.18874	1033.091	126.7631	1001.073	37.40531	89.67424
072420BK-01 174	167.0627	13896.99	2.501641	9.887807	1.031598	3.863198	1.328951	0.278126	0.776193	0.584065	1581.917	10.88821	1606.028	10.71964	1638.586	20.02841	1002.439	59.90375	96.54162
072420BK-01 175	378.6422	24433.35	2.570023	11.27216	0.729983	2.920431	1.164164	0.238884	0.638556	0.54851	1380.895	7.937323	1387.218	8.805787	1397.775	18.66086	1007.425	42.38986	98.79235
072420BK-01 176	504.6933	37661.88	1.257615	8.80498	0.671826	4.757333	0.959482	0.302966	0.658729	0.686546	1706	9.873837	1777.402	8.050414	1863.088	12.59454	1007.499	83.07948	91.56841
072420BK-01 177	311.9527	30350.82	2.041525	11.35367	0.954744	2.823761	1.220902	0.232363	0.708282	0.580131	1346.874	8.609021	1361.867	9.155024	1386.293	19.09418	1008.921	16.28212	97.15651
072420BK-01 178	41.31254	1536.978	1.62735	11.62813	12.67881	0.972171	14.92287	0.091523	1.737912	0.11646	564.5408	9.393896	689.5821	74.82825	1123.041	297.0479	1010.779	25.31451	50.26893
072420BK-01 179	89.78938	2800.269	0.94599	15.47655	5.429068	0.738895	6.533923	0.089835	1.24747	0.190922	554.5604	6.628768	561.7604	28.19842	591.9766	139.1997	1013.816	162.2717	93.67943
072420BK-01 180	223.2516	19821.5	1.888828	10.6631	0.913414	3.327043	1.156701	0.258304	0.647793	0.560035	1481.157	8.572355	1487.419	9.030874	1497.165	18.12637	1014.918	45.92553	98.93083
072420BK-01 181	591.1242	50621.69	5.003164	9.987023	0.664489	3.913761	0.924567	0.283234	0.631928	0.683485	1607.63	8.991368	1616.53	7.477498	1628.931	12.54552	1016.574	35.32102	98.69237
072420BK-01 182	132.151	8181.989	1.609584	13.89701	3.079348	1.59216	3.827594	0.163874	0.708574	0.185123	978.2716	6.431441	967.1439	23.87596	942.829	77.06858	1017.624	24.86061	103.7592
072420BK-01 184	98.6684	12013.88	1.275129	8.091187	0.946984	6.151728	1.178431	0.364464	0.629168	0.533903	2003.301	10.83373	1997.618	10.29284	1992.504	17.71605	1021.915	46.09328	100.5419
072420BK-01 185	555.2679	22837.38	2.268098	13.02048	0.751674	1.94509	1.08787	0.185281	0.57377	0.527425	1095.763	5.781843	1096.755	7.29551	1099.577	18.49588	1022.146	31.57679	99.65311
072420BK-01 186	420.764	21392.64	3.981473	13.00614	0.799001	1.976687	1.040285	0.188185	0.625924	0.601685	1111.538	6.390602	1107.591	7.014452	1100.702	16.62041	1024.686	19.9222	100.9844
072420BK-01 187	73.73522	6013.204	1.140217	10.16275	2.640584	3.722971	2.898932	0.28112	0.597566	0.206133	1597	8.452906	1576.319	23.20694	1549.548	53.29188	1025.399	42.31093	103.0623
072420BK-01 188	49.48086	4419.295	0.642948	9.835569	2.748548	3.915449	3.63194	0.287265	1.081506	0.297776	1627.846	15.55831	1616.879	29.38382	1603.425	64.68554	1030.853	32.7154	101.523
072420BK-01 191	319.4792	7394.127	1.832697	16.56197	2.665523	0.652148	2.969153	0.080539	0.636478	0.214363	499.3417	3.058225	509.7996	11.90089	557.9229	63.22787	1032.544	42.67863	89.50011
072420BK-01 192	205.2901	15134.58	2.224732	13.25676	1.221852	1.892619	1.494636	0.18329	0.561703	0.375812	1084.921	5.608822	1078.502	9.930044	1066.446	27.86739	1032.783	39.48537	101.7323
072420BK-01 194	794.4104	71277.98	1.993615	12.58137	0.616046	2.219576	0.809601	0.202817	0.484945	0.598992	1190.434	5.271263	1187.236	5.667308	1182.296	12.81743	1033.091	126.7631	100.6883
072420BK-01 195	260.9394	21974.36	3.000228	12.60643	1.126288	2.130943	1.369891	0.196439	0.539335	0.393707	1156.163	5.708403	1158.891	9.467278	1164.841	24.97134	1033.191	73.2993	99.25502
072420BK-01 196	112.3351	4163.788	1.204665	14.88028	5.656764	0.903657	6.061442	0.102826	0.822114	0.13563	630.9508	4.94137	653.6799	29.22407	733.8874	127.3065	1036.909	30.42194	85.9738
072420BK-01 197	30.16148	2045.404	3.061659	11.86718	9.035659	2.118832	10.75089	0.198694	1.329126	0.123629	1168.302	14.20241	1154.956	74.29386	1130.845	213.0248	1037.675	63.03323	103.3123
072420BK-01 198	133.58	3165.556	0.849586	15.01211	4.85109	0.66407	6.882095	0.077626	1.068745	0.155294	481.9391	4.962877	517.1007	27.89345	676.5554	145.4877	1041.837	58.97186	71.23425
072420BK-01 199	225.916	5502.013	1.218281	17.4856	3.821943	0.552602	5.476748	0.07353	0.861581	0.157316	457.3855	3.804193	446.6998	19.79521	392.9944	121.4118	1046.698	66.2317	116.3847
072420BK-01 200	482.5315	19762.54	1.789989	9.493248	0.710619	4.398493	1.01556	0.303826	0.692142	0.681537	1710.252	10.39726	1712.058	8.401887	1715.05	13.66403	1051.036	11.12607	99.72025
072420BK-01 201	366.3899	3327.032	2.139604	16.74664	1.893392	0.601472	6.640351	0.078572	0.737934	0.111129	487.5927	3.465405	478.1677	25.32837	434.1617	147.121	1051.651	32.46485	112.3067
072420BK-01 202	127.5002	18690.69	7.61263	5.18147	0.764893	13.92324	1.050539	0.521709	0.695225	0.661779	2706.422	15.3653	2744.499	9.952526	2773.335	12.91431	1051.907	123.2405	97.58727
072420BK-01 203	79.58711	6824.825	0.825269	12.46898	2.303876	2.305675	2.640972	0.213079	0.889811	0.336926	1245.198	10.07551	1214.033	18.70599	1159.887	49.32539	1052.432	50.39047	107.3552
072420BK-01 204	861.795	22020.17	10.79531	15.65505	1.714063	0.733574	2.322312	0.083777	1.318395	0.567708	518.6251	6.569713	558.6486	9.978515	726.1499	40.52164	1055.277	133.4736	71.42121
072420BK-01 205	411.5161	28195.4	1.538468	12.95991	0.957277	2.058652	1.236405	0.193896	0.759368	0.614174	1142.447	7.950118	1135.172	8.449941	1122.137	19.45622	1055.92	28.32642	101.8099
072420BK-01 206	223.0208	10681.2	1.318835	12.3339	0.853576	2.192333	1.450169	0.198468	0.665701	0.45905	1167.085	7.106594	1178.608	10.11256	1200.702	25.37851	1061.146	94.38484	97.2002
072420BK-01 207	281.9473	13620.7	1.987655	13.72726	1.632123	1.561739	2.116475	0.156787	0.643561	0.304072	938.8974	5.622963	955.157	13.10209	993.6636	40.98693	1066.405	29.63656	94.48845
072420BK-01 208	196.4522	22371.01	1.729011	8.516918	0.834943	5.617439	1.088473	0.347628	0.668941	0.614569	1923.26	11.12375	1918.778	9.382276	1914.703	15.40656	1066.446	27.86739	100.4469
072420BK-01 209	202.2546	23578.39	0.949044	9.858838	0.949181	4.05483	1.202898	0.290649	0.69413	0.577049	1644.77	10.07674	1645.27	9.798019	1646.7	18.22112	1066.993	20.99334	99.88278
072420BK-01 210	203.7658	21649.22	1.185309	9.255405	0.868875	4.659363	1.204224	0.313563	0.686179	0.56981	1758.215	10.55916	1759.975	10.06724	1762.844	18.08728	1069.37	33.0029	99.73745
072420BK-01 211	411.9447	25132.45	3.160258	12.5618	0.938317	2.152581	1.17029	0.196861	0.657708	0.562004	1158.436	6.973769	1165.885	8.113828	1180.625	19.15517	1069.85	23.80099	98.1206
072420BK-01 212	280.1212	7515.498	0.939929	17.18787	4.064311	0.559591	4.72961	0.072208	0.728371	0.154002	449.4449	3.162115	451.2603	17.23284	461.4652	103.6642	1070.118	13.38811	97.39518
072420BK-01 213	257.797	20269.95	3.048568	9.050055	0.773888	4.773365	1.020318	0.315329	0.646696	0.633818	1766.876	9.994198	1780.226	8.565865	1796.688	14.36557	1070.176	29.7748	98.34074
072420BK-01 214	199.2204	30658.82	1.985497	6.226389	0.741916	9.37715	1.038066	0.424692	0.723011	0.696498	2281.742	13.89365	2375.597	9.5249	2457.848	12.5905	1071.515	27.38799	92.83498
072420BK-01 215	123.1554	13895.4	1.004791	10.97347	1.013009	3.067898	1.424252	0.246967	0.748173	0.525309	1422.813	9.552203	1424.711	10.90697	1428.361	23.13708	1071.867	24.12137	99.61157
072420BK-01 216	540.3163	31576.56	5.041861	12.8229	0.845896	2.065497	1.146192	0.193271	0.661807	0.577396	1139.069	6.909976	1137.442	7.841868	1135.186	18.60569	1073.042	76.69698	100.342
072420BK-01 217	192.5647	19133.07	2.572975	11.60447	1.414905	2.679679	1.706413	0.227544	0.653664	0.383063	1321.615	7.810908	1322.867	12.61854	1325.72	30.52408	1073.225	53.34056	99.69033
072420BK-01 218	140.5328	16756.16	1.385848	9.877754	1.58715	4.058725	1.793923	0.293542	0.689515	0.384362	1659.203	10.08676	1646.052	14.61545	1630.093	30.78458	1073.69	100.5566	101.7858
072420BK-01 219	238.739	37975.29	0.921642	5.254199	0.652923	13.99706	0.976407	0.534816	0.721871	0.739313	2761.71	16.21536	2749.51	9.253448	2741.264	10.81237	1075.537	15.39759	100.7459
072420BK-01 220	300.6049	8486.444	1.815431	17.45753	2.746521	0.585982	4.076227	0.076564	0.777162	0.190657	475.5797	3.562982	468.2983	15.2935	433.7101	89.15064	1076.024	24.2176	109.6538
072420BK-01 221	297.0631	41138.05	1.202253	9.149237	0.706849	4.770657	1.0029	0.317849	0.661793	0.659879	1779.215	10.28953	1779.749	8.418804	1781.151	13.74113	1076.081	56.23042	99.89131

072420BK-01 222	309.9311	25036.67	5.492966	13.16859	1.07298	1.806549	1.467721	0.174016	0.682809	0.465217	1034.2	6.524281	1047.83	9.593197	1077.248	26.06078	1076.573	63.06205	96.00386
072420BK-01 223	133.309	11309.99	1.489958	9.252742	1.020266	4.58377	1.342714	0.311694	0.732954	0.545875	1749.037	11.2277	1746.321	11.19248	1743.851	20.61136	1077.248	26.06078	100.2974
072420BK-01 224	130.1357	21199.89	1.925789	5.152324	0.676575	13.94345	0.981617	0.524141	0.698009	0.711081	2716.717	15.47401	2745.873	9.300435	2768.084	11.32565	1077.796	23.42268	98.14431
072420BK-01 225	475.411	30150.88	1.85492	9.897086	0.728288	3.71498	1.08108	0.268687	0.694531	0.642442	1534.131	9.482042	1574.6	8.649182	1630.052	15.39839	1077.815	69.77185	94.11546
072420BK-01 226	140.9052	9736.389	1.470899	9.715808	1.254685	4.074767	1.961688	0.291999	0.634582	0.323488	1651.512	9.245404	1649.267	15.99493	1647.199	34.42742	1086.726	39.94652	100.2619
072420BK-01 227	287.9982	19189.37	0.59184	9.550293	0.744048	4.117621	1.066384	0.288036	0.693671	0.650489	1631.708	9.999794	1657.805	8.712296	1691.818	14.93547	1092.308	21.3347	96.44702
072420BK-01 228	105.4704	12729.48	1.234704	9.644931	1.446638	4.050071	1.713167	0.287415	0.836958	0.488545	1628.596	12.04517	1644.314	13.95154	1665.251	27.66055	1098.274	34.84399	97.79884
072420BK-01 229	87.72485	6604.111	1.967688	10.61493	2.167954	3.210962	2.508684	0.254206	0.73468	0.292855	1460.129	9.599163	1459.807	19.42597	1460.149	45.6031	1099.577	18.49588	99.99858
072420BK-01 230	186.7038	15776.53	1.276881	10.57631	1.058099	3.347668	1.294367	0.260591	0.656088	0.50688	1492.866	8.743117	1492.247	10.12017	1492.175	21.11929	1100.174	17.21882	100.0463
072420BK-01 231	394.0536	20543.9	4.513632	14.02902	1.135739	1.548304	1.465887	0.159944	0.715231	0.487917	956.468	6.357652	949.8177	9.043713	935.3331	26.26545	1100.702	16.62041	102.2596
072420BK-01 232	169.8848	18151.92	1.478147	9.800538	1.028276	4.041212	1.26271	0.29095	0.689476	0.546029	1646.276	10.01721	1642.531	10.27839	1638.532	19.64114	1106.567	34.50139	100.4727
072420BK-01 233	198.5485	18484.05	0.879664	9.325393	0.96874	4.537606	1.219211	0.310289	0.661622	0.542664	1742.128	10.10014	1737.891	10.14444	1733.579	18.78591	1107.007	33.77826	100.4932
072420BK-01 234	200.997	12193.82	2.416785	13.68189	1.386162	1.673806	1.781444	0.169468	0.701682	0.393884	1009.177	6.554766	998.632	11.32388	976.4382	33.37514	1107.037	34.105	103.3528
072420BK-01 235	123.1859	13896.05	2.434334	9.109753	1.193108	5.007501	1.480246	0.335147	0.739521	0.499593	1863.278	11.96672	1820.591	12.5289	1772.873	23.40845	1108.908	26.70574	105.0994
072420BK-01 236	272.2659	8175.834	1.494253	17.13513	2.696525	0.608203	3.097269	0.078274	0.749998	0.242148	485.8101	3.509657	482.4264	11.89424	467.3602	66.58291	1122.137	19.45622	103.9477
072420BK-01 238	1247.295	24264.26	1.907554	9.493869	0.671742	4.181915	0.980578	0.290345	0.692886	0.70661	1643.255	10.05053	1670.482	8.035372	1705.649	12.77237	1127.095	55.65323	96.34188
072420BK-01 239	75.529	11192.04	1.151487	10.11576	2.446427	3.826147	2.646862	0.285387	0.788233	0.297799	1618.437	11.28168	1598.262	21.31013	1572.562	47.32592	1128.452	14.79409	102.9172
072420BK-01 240	326.8296	38216.21	2.983071	8.985346	0.801242	4.829173	1.083694	0.316975	0.717663	0.662238	1774.94	11.13491	1789.994	9.116203	1808.358	14.7577	1130.736	48.41329	98.15202
072420BK-01 241	218.4017	28252.25	1.479269	9.838963	1.268083	3.956469	1.475426	0.28482	0.731057	0.495489	1615.592	10.44716	1625.317	11.95922	1638.721	23.79498	1130.845	213.0248	98.58856
072420BK-01 242	525.1891	47657.79	2.324775	10.46047	0.713988	3.454283	1.030881	0.263914	0.717305	0.695817	1509.838	9.655342	1516.846	8.117602	1527.444	13.94697	1130.936	54.15905	98.84731
072420BK-01 243	76.57356	2279.375	1.630966	14.39204	6.886662	0.82235	7.357618	0.094815	1.420003	0.192998	583.9524	7.927658	609.3584	33.72497	705.8867	153.7681	1132.186	24.6328	82.72608
072420BK-01 244	40.09745	2908.7	1.349148	11.3037	5.005391	2.357762	5.668214	0.204995	1.031354	0.181954	1202.096	11.31056	1229.908	40.43484	1279.828	108.6895	1135.186	18.60569	93.92644
072420BK-01 245	196.999	5815.207	2.10785	15.12133	4.055513	0.605623	4.613036	0.069102	0.901201	0.19536	430.7456	3.755034	480.7962	17.66931	728.084	95.9357	1138.245	166.3481	59.16153
072420BK-01 246	171.88	5104.167	1.248643	16.58092	3.947318	0.685962	4.107091	0.086697	0.950957	0.23154	535.9709	4.890725	530.3716	16.96903	507.2882	87.91	1138.463	25.9	105.6541
072420BK-01 247	293.7848	20987.42	2.018375	13.15297	1.099556	1.821105	1.343292	0.175525	0.589304	0.438701	1042.481	5.672373	1053.083	8.804952	1076.024	24.2176	1140.11	65.15408	96.88274
072420BK-01 248	833.7712	92951.74	3.431702	9.212005	0.553921	4.644516	0.765172	0.311157	0.525215	0.686402	1746.397	8.034902	1757.308	6.393055	1771.085	10.15902	1140.604	12.15613	98.60603
072420BK-01 249	87.29949	5721.417	1.315736	12.88482	4.32706	1.814033	5.048371	0.175047	0.671243	0.132962	1039.858	6.446098	1050.534	33.05602	1073.69	100.5566	1144.556	17.99897	96.84901
072420BK-01 250	129.8101	3559.826	1.952989	15.11989	7.004891	0.666048	9.098575	0.077877	0.916619	0.100743	483.4388	4.26921	518.3065	36.94986	676.0487	193.892	1145.779	20.92982	71.50947
072420BK-01 251	1083.027	44375.5	3.084881	13.38689	0.537201	1.683649	0.787768	0.164305	0.562841	0.714476	980.6569	5.120217	1002.363	5.018314	1051.036	11.12607	1146.153	63.25274	93.30379
072420BK-01 252	200.509	4618.41	2.019112	16.79287	5.14598	0.533474	5.453479	0.068575	0.644701	0.118218	427.567	2.667104	434.1124	19.26603	469.9307	119.9535	1149.962	17.89367	90.98512
072420BK-01 253	206.1665	4495.233	0.622175	16.24077	4.76629	0.636716	4.886289	0.079066	0.668706	0.136854	490.5455	3.158604	500.2706	19.30339	545.9401	105.8232	1150.175	20.11719	89.85334
072420BK-01 254	335.3075	9256.926	1.129514	17.40294	2.724034	0.555981	3.61347	0.072075	0.905495	0.250589	448.6431	3.9243	448.907	13.11095	451.2049	77.72596	1152.596	18.20084	99.43222
072420BK-01 255	456.7218	28675.96	1.962494	12.0034	0.806367	2.419252	1.197475	0.211638	0.670778	0.56016	1237.54	7.552983	1248.334	8.603138	1267.868	19.35308	1153.602	36.03393	97.60795
072420BK-01 256	236.0328	22327.22	1.601079	9.728059	0.860082	4.09165	1.12812	0.290115	0.667699	0.591869	1642.104	9.679231	1652.639	9.205277	1666.846	16.82148	1153.74	21.11045	98.51564
072420BK-01 257	123.3837	12355.53	1.051295	10.00051	1.527618	3.885709	1.782892	0.284519	0.686959	0.385306	1614.079	9.808892	1610.717	14.39881	1607.118	30.67315	1154.621	49.78494	100.4331
072420BK-01 258	289.4435	15273.48	1.610476	13.16773	1.139145	1.915388	1.398291	0.185181	0.743269	0.531555	1095.216	7.486444	1086.463	9.328251	1069.85	23.80099	1154.823	71.31128	102.3709
072420BK-01 259	548.4445	15323.89	2.571542	17.70943	2.352096	0.539365	2.524313	0.07046	0.775079	0.307046	438.9258	3.288789	438.0061	8.981022	434.1234	53.53535	1155.584	19.7204	101.1062
072420BK-01 260	295.6277	19993.22	2.579047	12.55564	1.380414	2.289216	1.782375	0.210317	0.733704	0.411644	1230.507	8.218926	1208.965	12.59638	1171.572	32.14422	1156.787	37.14047	105.0304
072420BK-01 261	145.0198	4394.448	2.797915	16.82391	3.55015	0.598859	3.96511	0.07738	1.032446	0.260383	480.4677	4.780217	476.5095	15.08105	458.4655	84.95824	1157.194	23.40155	104.7991
072420BK-01 262	126.487	2510.08	0.918362	17.29912	4.371751	0.511201	5.425195	0.071366	1.080246	0.199117	444.3821	4.6387	419.2562	18.63646	284.2511	121.6691	1159.752	19.76844	156.3343
072420BK-01 263	229.1765	12592.89	1.929918	12.85069	1.189888	2.058142	1.835822	0.195322	0.6746	0.367465	1150.14	7.106087	1135.003	12.54585	1107.037	34.105	1159.887	49.32539	103.8936
072420BK-01 264	49.45697	5547.191	0.93601	8.821632	3.161265	5.220114	3.602497	0.342515	0.864695	0.240027	1898.758	14.2214	1855.905	30.70772	1808.998	63.5757	1162.204	21.49586	104.9618
072420BK-01 265	55.12028	2860.719	1.305522	12.78861	5.541888	1.817162	8.051482	0.180627	0.958912	0.119098	1070.401	9.457317	1051.663	52.7811	1013.816	162.2717	1163.848	38.22328	105.5815
072420BK-01 266	178.5192	13008.02	1.711838	12.3799	1.829803	2.318271	1.9783	0.211728	0.605842	0.306244	1238.016	6.824175	1217.895	14.03467	1183.298	37.21976	1163.981	24.01092	104.6242
072420BK-01 267	370.4731	20924.72	1.779894	12.52677	0.764052	2.206138	1.03794	0.202854	0.638181	0.614853	1190.634	6.937981	1182.989	7.252039	1169.88	16.2272	1164.255	53.10222	101.7741
072420BK-01 268	84.62211	1894.708	0.557882	14.91892	7.045961	0.707008	9.561781	0.086749	1.325432	0.138618	536.2796	6.820394	542.9679	40.2332	572.1125	206.4049	1164.361	31.83495	93.73674
072420BK-01 269	219.0302	13135.92	2.451505	13.56327	1.985326	1.725325	2.147756	0.173435	0.684714	0.318804	1031.011	6.523882	1018.011	13.80684	991.0591	41.39802	1164.841	24.97134	104.0313
072420BK-01 270	228.3605	5500.194	0.964605	17.03241	3.099514	0.611602	4.597112	0.079661	0.891097	0.193838	494.0966	4.238376	484.5702	17.71619	440.7059	100.3703	1168.748	39.40188	112.1148
072420BK-01 271	1592.778	4269.459	0.599484	17.22999	0.952067	0.45487	1.367628	0.060813	0.850471	0.621859	380.5678	3.142935	380.6836	4.341736	382.3442	24.07268	1169.88	16.2272	99.5354
072420BK-01 272	271.2369	24933.17	1.107895	10.58585	0.685778	3.40381	0.974763	0.26468	0.660164	0.677256	1513.743	8.90659	1505.275	7.650223	1494.184	13.57094	1171.572	32.14422	101.309
072420BK-01 274	174.9745	6092.731	1.195762	16.09552	4.324974	0.72365	4.586013	0.088372	0.779481	0.169969	545.9014	4.080005	552.8194	19.55233	582.3678	98.16362	1174.197	60.30272	93.73824
072420BK-01 275	77.13899	3670.878	1.12713	12.71095	5.77002	1.884969	6.175514	0.183872	0.897159	0.145277	1088.095	8.982539	1075.813	40.99226	1051.907	123.2405	1179.711	22.52301	103.4402
072420BK-01 276	116.978	21855.08	1.742261	5.253628	0.674644	13.47385	0.999977	0.518008	0.699012	0.699028	2690.726	15.37679	2713.452	9.452355	2731.124	11.77083	1179.987	17.73761	98.5208
072420BK-01 277	159.7645	14414.18	1.660154	9.519124	1.258855	4.22743	1.655019	0.296309	0.746107	0.450815	1672.982	10.99402	1679.362	13.59086	1688.129	27.25545	1180.625	19.15517	99.1027
072420BK-01 278	97.64976	3050.401	1.307117	14.90789	6.172349	0.770702	6.509522	0.090014	1.038152	0.159482	555.6228	5.526616	580.1656	28.77639	678.372	137.4702	1181.946	92.49558	81.90533
072420BK-01 279	400.6736	27481.23	0.701866	9.777801	0.690064	3.95754	0.942094	0.283744	0.594821	0.631382	1610.188	8.475252	1625.537	7.636446	1646.252	13.55186	1182.141	16.28872	97.80937
072420BK-01 280	111.859	11655.87	1.427785	9.951964	1.378604	3.928519	1.547883	0.288669	0.579337	0.374277	1634.875	8.365822	1619.575	12.5286	1600.544	26.78127	1182.296	12.81743	102.145
072420BK-01 281	429.6598	9838.585	4.305666	17.63976	2.015526	0.546861	3.095025	0.072278	0.627033	0.202594	449.8629	2.724615	442.938	11.11058	408.0709	67.80497	1183.298	37.21976	110.2414
072420BK-01 282	284.9235	30591.16	2.377352	10.50287	0.688985	3.433064	0.993602	0.264359	0.592324	0.596138	1512.104	7.983649	1511.998	7.813201	1512.654	15.05687	1188.095	21.52208	99.96361
072420BK-01 283	423.2085	27237.56	3.659992	12.71289	0.982563	2.163308	1.213798	0.201352	0.60156	0.495602	1182.577	6.499536	1169.334	8.428752	1145.779	20.92982	1190.947	23.526	103.2116
072420BK-01 284	664.4697	36030.35	1.454938	13.21607	0.738695	1.717522	0.967785	0.165581	0.589098	0.608707	987.7203	5.394796	1015.099	6.210742	1075.537	15.39759	1195.357	19.48337	91.83506
072420BK-01 286	180.2236	18487.62	2.332636	9.637669	0.854121	4.206907	1.163472	0.296335	0.610957	0.525115	1673.109	9.003152	1675.368	9.545124	1678.986	18.28905	1197.261	15.24954	99.64996
072420BK-01 287	346.0672	8629.921	1.92694	17.58441	2.618317	0.536377	3.100149	0.070539	0.981108	0.316471	439.4032	4.167378	436.0328	10.9901	419.2225	65.68026	1200.702	25.37851	104.8138
072420BK-01 288	169.9874	20928.12	0.940035	8.339192	1.029698	5.880662	1.389747	0.358021	0.830184	0.597363	1972.787	14.10897	1958.384	12.06097	1943.959	19.92745	1204.097	19.94185	101.4829
072420BK-01 289	196.9237	5747.667	1.721323	16.27646	4.319275	0.714088	5.17518	0.087826	1.102771	0.213088	542.6676	5.739418	547.1706	21.89481	566.9342	110.1327	1207.485	49.16564	95.71968
072420BK-01 290	434.2053	18470.74	7.094162	14.26276	1.12313	1.513265	1.674934	0.158141	0.823045	0.49139	946.4356	7.244763	935.7593	10.24045	911.5797	30.05189	1208.232	20.17227	103.8237
072420BK-01 291	100.915	5478.88	2.166163	12.87579	2.370934	2.023752	2.834047	0.195329	0.990549	0.349518	1150.178	10.43455	1123.52	19.26195	1073.225	53.34056	1212.014	18.11087	107.1703
072420BK-01 292	129.1218	7102.589	1.55248	13.9686	2.943854	1.530214	3.236572	0.159365	0.989536	0.305736	953.2476	8.768455	942.5842	19.87768	918.6673	63.38481	1212.806	29.67872	103.7642
072420BK-01 293	329.2407	28861.08	3.289487	11.43026	1.053159	2.886285	1.387983	0.240386	0.876621	0.631579	1388.702	10.95173	1378.336	10.46729	1363.133	20.73045	1212.901	14.61724	101.8758
072420BK-01 294	129.2257	8388.997	1.870137	12.59652	3.149746	2.110754	3.329027	0.196423	0.976246	0.293252	1156.076	10.33202	1152.323	22.93998	1146.153	63.25274	1216.625	31.51955	100.8658
072420BK-01 295	127.8828	2721.052	1.432484	10.33761	1.344751	3.387779	4.671836	0.267899	0.904012	0.193502	1530.127	12.31342	1501.572	36.64176	1462.313	87.14626	1216.653	35.47603	104.6374
072420BK-01 296	251.4899	5983.931	1.552499	18.5239	3.104044	0.497422	4.884589	0.069936	0.942261	0.192905	435.7722	3.970403	409.9556	16.47694	268.0185	109.9864	1219.039	44.78193	162.5904
072420BK-01 297	300.6341	9080.863	2.583512	17.61155	3.280712	0.603511	3.463373	0.079256	0.62782	0.181274	491.6828	2.972098	479.4591	13.23631	422.3621	76.02903	1225.108	29.32411	116.4126
072420BK-01 298	209.7956	29770.52	3.538654	8.446965	0.727175	5.649581	0.975898	0.347114	0.626887	0.642369	1920.804	10.413	1923.698	8.41911	1927.579	13.39895	1225.197	21.52357	99.64852
072420BK-01 299	263.6115	20105.77	2.147664	12.52764	1.073631	2.236139	1.295779	0.204598	0.6189	0.477628	1199.971	6.776375	1192.446	9.091676	1179.711	22.52301	1227.952	14.93818	101.7174
072420BK-01 300	317.1354	25709.62	3.250801	8.843473	0.722821	5.152556	0.953008	0.33205	0.61001	0.640089	1848.309	9.802535	1844.817	8.104064	1841.652	13.25302	1233.304	48.62307	100.3614
072420BK-01 301	365.6713	41289.56	1.222504	8.155955	0.601682	6.137587	0.873887	0.364043	0.582762	0.666862	2001.307	10.02615	1995.608	7.630266	1990.471	11.58003	1239.122	24.24574	100.5444
072420BK-01 302	83.14929	8495.16	0.845263	9.916186	1.885071	3.902206	2.143961	0.286262	0.76173	0.355291	1622.822	10.92833	1614.139	17.33036	1603.629	37.38025	1243.076	38.32206	101.1968
072420BK-01 303	518.6758	9989.041	2.161074	17.39764	2.185697	0.544054	2.860254	0.070802	0.724355	0.253248	440.9851	3.08749	441.0939	10.23361	442.6076	61.56179	1246.571	20.81762	99.63343
072420BK-01 304	328.3115	9617.658	0.786244	16.05977	2.153173	0.86815	2.370463	0.104162	0.712799	0.3007	638.7524	4.334717	634.5622	11.18571	620.5841	48.79637	1249.359	15.64567	102.9276
072420BK-01 305	326.5218	43565.07	2.235078	9.804582	0.866331	4.052045	1.173698	0.290538	0.732316	0.623939	1644.217	10.62794	1644.71	9.558862	1646.132	17.01281	1250.324	80.03305	99.88365
072420BK-01 306	231.0748	475.8449	1.549826	14.94391	4.305658	0.335851	18.78155	0.068885	0.935034	0.049785	429.4376	3.884566	294.0227	47.98136	NA	NA	1252.078	26.87218	
072420BK-01 307	432.5176	11469.08	1.074869	17.30036	2.133387	0.554841	2.924399	0.071618	0.732318	0.250416	445.8985	3.15502	448.1627	10.59656	460.7433	62.78064	1256.5	23.1208	96.77807
072420BK-01 308	547.4768	32570.21	3.175685	11.57523	0.772157	2.471528	1.069985	0.209614	0.709827	0.663399	1226.761	7.929473	1263.741	7.735009	1328.073	15.4986	1260.078	73.88599	92.37152
072420BK-01 309	405.1466	49357.36	2.137812	9.261937	0.722367	4.597169	1.009608	0.311214	0.685689	0.679164	1746.678	10.49135	1748.755	8.420048	1752.017	13.5619	1260.878	22.01628	99.69527
072420BK-01 310	181.6017	17805.32	1.586625	10.05854	1.015204	3.51648	1.288403	0.259893	0.732121	0.568239	1489.293	9.735582	1530.926	10.18601	1589.733	19.80897	1267.868	19.35308	93.68197
072420BK-01 311	228.4628	15054.02	1.246046	11.31857	1.07975	2.90368	1.457279	0.242149	0.686958	0.471398	1397.862	8.632937	1382.87	11.00688	1360.626	24.76641	1278.066	26.85468	102.7366
072420BK-01 312	265.7	23764.19	2.247911	9.035231	0.839374	4.823682	1.081646	0.319686	0.663455	0.613375	1788.194	10.36055	1789.037	9.097201	1790.795	15.55966	1279.828	108.6895	99.85479
072420BK-01 313	251.134	9815.56	2.807978	13.74226	1.40357	1.616932	1.708489	0.165688	0.709884	0.415504	988.3102	6.504517	976.8013	10.71908	951.922	31.77513	1285.562	197.6814	103.8226
072420BK-01 314	353.8691	35263.81	2.470174	10.31574	0.760711	3.436094	1.039894	0.260078	0.702589	0.675635	1490.242	9.348164	1512.692	8.178861	1545.062	14.40949	1285.759	20.21386	96.45188
072420BK-01 315	167.6514	20070.7	1.201948	11.69444	1.476682	2.707748	1.698333	0.233308	0.716003	0.421592	1351.813	8.731547	1330.583	12.59427	1297.404	29.92188	1289.098	18.33925	104.1937
072420BK-01 316	164.0994	17597.89	1.038542	10.01253	1.235966	3.972752	1.518	0.292971	0.715201	0.471147	1656.36	10.44679	1628.647	12.31452	1593.829	25.00532	1295.338	22.44135	103.9233
072420BK-01 317	496.9316	45173.3	6.160381	10.64519	0.79233	3.305192	1.068107	0.257959	0.679111	0.635808	1479.393	8.977257	1482.278	8.326423	1487.217	15.61472	1297.404	29.92188	99.47389
072420BK-01 318	240.244	6650.094	1.041773	17.45723	2.94959	0.658403	3.907636	0.08721	0.879006	0.224946	539.0156	4.545303	513.6365	15.75362	403.186	85.29071	1298.75	36.03018	133.6891
072420BK-01 319	250.4566	13831.17	1.689045	13.5349	1.684529	1.804853	2.045469	0.180912	0.625717	0.305904	1071.956	6.179402	1047.216	13.36533	996.836	39.57088	1310.791	94.46516	107.5358
072420BK-01 320	207.399	10838.28	1.875896	10.74956	1.048122	3.313011	1.412361	0.263703	0.67874	0.480571	1508.759	9.130451	1484.121	11.01628	1449.891	23.57751	1314.287	31.6466	104.0602
072420BK-01 321	505.9618	29105.58	3.832149	12.63907	0.937402	2.159261	1.21132	0.200527	0.663069	0.547394	1178.149	7.139658	1168.034	8.406559	1150.175	20.11719	1322.062	122.3795	102.4322
072420BK-01 322	239.5439	15118	0.634961	10.60866	0.7995	3.387638	1.030691	0.265021	0.634283	0.615397	1515.48	8.566126	1501.539	8.080413	1482.729	15.39654	1324.307	17.06526	102.2088
072420BK-01 323	255.1694	20532.97	1.476152	11.74195	1.052781	2.668865	1.348738	0.230202	0.698149	0.517631	1335.558	8.421683	1319.879	9.962454	1295.338	22.44135	1324.389	32.5877	103.105
072420BK-01 324	234.855	16114.78	1.343103	12.60574	1.542906	2.167754	1.924728	0.200968	0.639328	0.332166	1180.519	6.896651	1170.76	13.37467	1153.602	36.03393	1325.72	30.52408	102.3333
072420BK-01 325	450.2669	27883.09	3.855235	12.72224	0.875473	2.113231	1.109497	0.196808	0.640898	0.577647	1158.149	6.793992	1153.131	7.647156	1144.556	17.99897	1328.073	15.4986	101.1877
072420BK-01 326	282.9973	6503.006	1.240649	16.82959	2.729504	0.716347	4.812682	0.091109	0.672242	0.139681	562.0949	3.618583	548.5081	20.3983	493.4136	105.113	1328.554	16.36383	113.9196
072420BK-01 327	49.50209	3730.21	1.611081	10.09492	3.130098	3.300332	4.250067	0.25174	1.039714	0.244635	1447.444	13.47942	1481.131	33.13106	1530.524	77.63213	1330.089	31.46768	94.57182
072420BK-01 328	278.045	21622.08	1.766135	11.21389	0.850301	2.958779	1.097516	0.24273	0.603054	0.549472	1400.875	7.593143	1397.102	8.32917	1392.164	17.59264	1330.352	25.68528	100.6258
072420BK-01 329	123.1406	4858.883	1.850807	15.49441	3.896796	0.88018	5.147334	0.103592	0.886427	0.172211	635.4263	5.36389	641.0798	24.47194	661.9644	108.716	1334.602	24.10655	95.99101
072420BK-01 330	60.78555	11028.48	1.491598	8.793163	1.967688	5.145264	2.340514	0.331395	0.674303	0.288101	1845.139	10.81964	1843.612	19.90049	1842.662	40.5698	1340.624	117.2445	100.1344
072420BK-01 331	669.837	34294.27	2.207424	12.25947	0.711279	2.356581	0.976105	0.210398	0.610737	0.625688	1230.94	6.843634	1229.551	6.958548	1227.952	14.93818	1341.59	21.09126	100.2433
072420BK-01 332	217.4069	15492.54	2.011596	9.252834	0.641727	4.627563	0.988834	0.312798	0.645215	0.652501	1754.461	9.910357	1754.254	8.256477	1754.786	13.70888	1352.6	16.67447	99.98151
072420BK-01 333	476.7546	24740.43	2.267875	12.68766	1.009021	2.022056	1.336924	0.187122	0.630799	0.471828	1105.765	6.409707	1122.95	9.083198	1157.194	23.40155	1354.665	37.91358	95.55571
072420BK-01 335	131.4103	10295.82	2.085302	8.692067	1.398721	5.137277	1.653342	0.327282	0.6334	0.383103	1825.193	10.06828	1842.292	14.05327	1862.429	27.57684	1355.182	42.77232	98.00069

072420BK-01 336	112.52	7603.33	1.714826	13.16479	2.629104	1.706723	3.372085	0.166916	0.763363	0.226377	995.0949	7.038942	1011.056	21.59301	1046.698	66.2317	1360.626	24.76641	95.06988
072420BK-01 337	230.0526	30764.6	2.677673	11.25571	0.89536	2.901022	1.15335	0.237817	0.681322	0.590733	1375.338	8.438351	1382.179	8.709124	1393.575	17.85037	1362.548	117.1273	98.69133
072420BK-01 338	1321.263	23913.61	1.661141	17.78037	1.181512	0.536646	1.471274	0.069909	0.626291	0.425679	435.6079	2.638038	436.2105	5.217243	440.3396	29.62148	1362.63	13.46545	98.92545
072420BK-01 339	186.3468	26159.25	2.099752	9.101949	1.05754	4.72073	1.329361	0.312604	0.653207	0.491369	1753.509	10.02837	1770.926	11.13905	1792.3	21.08523	1363.133	20.73045	97.83571
072420BK-01 340	249.2958	17135.17	2.191986	13.74697	1.592267	1.697547	1.811237	0.170931	0.666445	0.36795	1017.238	6.271505	1007.608	11.57382	987.6071	34.2619	1368.415	170.315	103.0003
072420BK-01 341	84.03723	5096.579	1.43382	13.2603	3.705977	1.860808	4.167316	0.185543	0.774865	0.185939	1097.186	7.81757	1067.273	27.52996	1007.499	83.07948	1369.16	23.86275	108.9019
072420BK-01 343	509.0898	9882.533	1.58901	9.057986	0.696873	3.907856	1.294235	0.259548	0.749885	0.579404	1487.531	9.961316	1615.309	10.46418	1786.871	19.22287	1369.987	28.63123	83.24781
072420BK-01 345	361.4068	21494.82	1.38412	13.55009	2.093549	1.68893	3.59711	0.167211	2.784676	0.774143	996.7267	25.71645	1004.359	22.94509	1021.915	46.09328	1379.976	23.5221	97.53521
072420BK-01 346	134.9934	9071.338	1.550165	13.02763	3.423495	1.777894	4.455907	0.171204	2.788879	0.625883	1018.743	26.28041	1037.41	28.96503	1077.815	69.77185	1380.546	12.64993	94.51925
072420BK-01 347	200.7238	19398.14	1.161908	9.799576	1.951044	4.106876	3.400135	0.29345	2.768677	0.814284	1658.746	40.49304	1655.671	27.77094	1652.564	36.58128	1380.677	14.22744	100.3741
072420BK-01 348	744.4779	49793.75	2.365546	14.00728	1.932972	1.560003	3.38224	0.158863	2.771955	0.819562	950.4551	24.49611	954.4685	20.93056	964.6388	39.56712	1386.293	19.09418	98.52964
072420BK-01 349	731.9735	37065.92	2.604008	10.25801	1.886136	3.504993	3.348854	0.261361	2.764605	0.825537	1496.8	36.92811	1528.341	26.46168	1573.079	35.39249	1392.164	17.59264	95.15099
072420BK-01 350	280.5364	17827.22	1.758641	13.4539	2.09364	1.795111	3.480076	0.176792	2.766159	0.794856	1049.425	26.78926	1043.684	22.69777	1032.544	42.67863	1393.575	17.85037	101.6349
072420BK-01 351	110.0589	11888.8	1.046189	9.810713	1.542942	4.087327	1.815888	0.293711	0.717697	0.395232	1660.045	10.5037	1651.777	14.81492	1642.066	30.95687	1396.778	30.14695	101.0949
072420BK-01 352	680.7379	44281.74	5.127051	11.17482	0.749817	2.562746	1.133334	0.208263	0.810458	0.71511	1219.555	9.005323	1290.076	8.277864	1410.278	15.16131	1397.775	18.66086	86.47624
072420BK-01 353	150.0401	18057.89	1.595661	9.447086	1.565302	4.520288	1.722982	0.311983	0.698274	0.40527	1750.458	10.70403	1734.711	14.32663	1716.556	28.95687	1401.664	220.2062	101.975
072420BK-01 354	375.9021	14553.76	1.591317	17.37822	2.003603	0.682249	2.323641	0.087522	0.709576	0.305372	540.8623	3.681238	528.1326	9.568948	474.4329	48.94495	1402.32	16.54535	114.0018
072420BK-01 355	178.9286	6855.67	1.076034	13.31738	2.04551	1.80146	2.380414	0.178969	0.728691	0.306119	1061.342	7.130791	1045.987	15.54377	1014.918	45.92553	1402.992	17.19131	104.5742
072420BK-01 356	244.2898	18116.3	7.266037	9.931943	0.817567	3.935148	1.112994	0.285652	0.691106	0.620943	1619.766	9.898676	1620.94	9.01146	1623.256	16.22974	1403.098	23.32287	99.78499
072420BK-01 357	694.6798	44444.75	3.606535	14.20274	0.881922	1.496538	1.106362	0.15501	0.654806	0.591855	928.9869	5.665072	928.9789	6.734155	929.8561	18.32723	1406.738	98.74146	99.90653
072420BK-01 358	171.5327	12429.21	1.939483	10.80006	1.284069	3.187698	1.615626	0.253487	0.716987	0.443783	1456.433	9.346855	1454.182	12.48804	1451.704	27.55422	1410.278	15.16131	100.3258
072420BK-01 359	1288.919	11135.14	1.489699	17.67192	0.962844	0.474865	1.369583	0.062488	0.767522	0.560405	390.7372	2.909913	394.5436	4.477534	417.8617	25.33718	1410.828	21.11713	93.50872
072420BK-01 360	419.8343	11050.58	6.20185	17.30599	1.731349	0.603969	2.12055	0.077803	0.65434	0.308571	482.9957	3.044942	479.7494	8.107861	465.2052	44.69501	1415.502	26.76841	103.8242
072420BK-01 361	262.1812	14762.76	1.198422	13.12654	1.412871	1.85978	1.762345	0.179847	0.642199	0.3644	1066.141	6.310543	1066.908	11.63774	1069.37	33.0029	1418.223	14.61517	99.69808
072420BK-01 362	231.3045	15554.96	2.430509	9.929321	0.887107	3.932574	1.150597	0.286996	0.668067	0.580627	1626.502	9.603685	1620.41	9.314695	1613.301	17.44952	1418.688	40.57803	100.8182
072420BK-01 363	331.9929	12585.45	140.5391	13.27134	1.314562	1.791584	1.640463	0.176064	0.651781	0.397315	1045.434	6.290118	1042.401	10.69052	1036.909	30.42194	1426.909	57.83103	100.8221
072420BK-01 364	220.8614	11984.55	0.440083	9.795064	0.823947	4.005971	1.143575	0.289448	0.667383	0.583594	1638.772	9.65741	1635.408	9.292361	1631.876	17.25635	1428.361	23.13708	100.4226
072420BK-01 365	439.788	35330.08	1.72116	9.837235	0.746035	4.02052	1.054172	0.289585	0.696215	0.660437	1639.455	10.07831	1638.355	8.572063	1637.734	14.69937	1435.162	41.32991	100.1051
072420BK-01 366	311.466	21432.77	1.974651	12.28978	0.818664	2.28623	1.181791	0.206608	0.60853	0.514922	1210.722	6.717093	1208.043	8.34838	1204.097	19.94185	1440.981	22.69902	100.5502
072420BK-01 367	579.369	52539.14	1.761364	10.08155	0.497668	3.829339	0.764534	0.282331	0.557755	0.729536	1603.09	7.916257	1598.933	6.155567	1594.256	9.764932	1445.635	40.60924	100.5541
072420BK-01 368	175.3998	4437.2	2.468609	13.27452	2.196415	1.717555	3.12313	0.173503	0.651804	0.208702	1031.381	6.212365	1015.112	20.04512	981.0854	62.20293	1445.649	25.98646	105.1265
072420BK-01 369	45.30543	4731.829	1.64638	11.17492	5.435536	2.828637	6.141402	0.238349	0.984141	0.160247	1378.109	12.21087	1363.161	46.10295	1340.624	117.2445	1449.891	23.57751	102.796
072420BK-01 370	108.2701	4310.679	1.239291	14.4908	5.80507	0.803688	7.095604	0.089228	1.033824	0.145699	550.9717	5.459445	598.9071	32.11369	785.7366	147.5782	1451.704	27.55422	70.12168
072420BK-01 371	149.5653	15924.13	1.992629	10.83743	1.223683	3.173388	1.476409	0.253153	0.564248	0.382176	1454.715	7.34797	1450.706	11.39959	1445.649	25.98646	1453.337	19.45943	100.6271
072420BK-01 372	247.199	6562.571	1.49664	17.28285	3.487609	0.615542	3.958711	0.080661	0.813877	0.205591	500.0648	3.916062	487.0494	15.31638	427.2212	86.42172	1457.175	13.29769	117.0506
072420BK-01 373	395.944	26004.87	1.589011	10.83031	0.688819	3.233208	0.891845	0.256368	0.553553	0.620683	1471.231	7.281554	1465.157	6.916555	1457.175	13.29769	1458.178	22.48527	100.9646
072420BK-01 374	128.2019	6891.435	2.7298	13.45623	2.531969	1.720558	2.972583	0.173641	0.667069	0.224407	1032.139	6.362174	1016.233	19.0909	983.022	58.97327	1460.149	45.6031	104.9965
072420BK-01 375	177.3823	4864.412	1.236927	15.9906	3.958108	0.733445	4.339051	0.089791	0.733853	0.169128	554.2986	3.897763	558.5734	18.64366	576.9976	92.97866	1461.133	16.31321	96.06602
072420BK-01 376	1135.693	25789.6	1.9264	17.36002	0.939523	0.612681	1.322779	0.078318	0.558026	0.421859	486.0753	2.612689	485.2498	5.10278	482.335	26.49988	1462.313	87.14626	100.7755
072420BK-01 377	259.0658	7615.445	0.779297	17.19844	4.582756	0.539265	5.65633	0.069922	0.671503	0.118717	435.6853	2.828964	437.9397	20.12381	450.7535	124.8068	1462.493	34.76209	96.65713
072420BK-01 378	338.6619	9019.207	1.179483	17.17656	2.649764	0.551228	3.313487	0.071	0.592501	0.178815	442.1768	2.532068	445.801	11.95614	465.5125	72.25638	1464.696	15.63247	94.98711
072420BK-01 379	332.9371	27744.59	3.986058	9.089837	0.692508	4.865783	0.88767	0.323736	0.504358	0.568182	1807.947	7.951454	1796.351	7.476805	1783.689	13.31595	1464.708	26.72548	101.36
072420BK-01 380	171.5004	10407.87	1.621363	11.48078	1.229106	2.716495	1.784221	0.230829	0.593847	0.332833	1338.842	7.179353	1332.976	13.24276	1324.389	32.5877	1469.397	33.42639	101.0913
072420BK-01 382	566.0383	38459.28	0.678466	9.822498	0.587234	4.058453	0.761765	0.291511	0.479802	0.629856	1649.077	6.981329	1645.998	6.20582	1642.858	10.98013	1474.209	19.60818	100.3786
072420BK-01 383	149.3528	12607.47	0.934782	9.971269	1.18637	3.869267	1.551354	0.283788	0.50564	0.325935	1610.411	7.205444	1607.294	12.5178	1604.006	27.35397	1480.184	16.81842	100.3993
072420BK-01 384	299.8259	53988.17	2.663384	9.380371	0.778457	4.567456	1.045632	0.311951	0.684742	0.654859	1750.299	10.49576	1743.35	8.710381	1735.808	14.49169	1481.509	16.5451	100.8348
072420BK-01 385	401.2741	22440.59	2.933558	13.2174	1.023514	1.86295	1.249984	0.180367	0.687022	0.549625	1068.981	6.767521	1068.033	8.259078	1066.993	20.99334	1482.729	15.39654	100.1863
072420BK-01 386	314.4357	23162	2.882486	13.2001	1.373782	1.85923	1.62704	0.179722	0.673852	0.414158	1065.457	6.617665	1066.713	10.74307	1070.176	29.7748	1487.217	15.61472	99.55899
072420BK-01 387	293.6628	18443.42	2.774841	12.0297	1.180602	2.468292	1.545788	0.217679	0.709626	0.45907	1269.6	8.17771	1262.794	11.17065	1252.078	26.87218	1488.823	14.65994	101.3995
072420BK-01 388	264.6861	17032.62	1.498014	11.56494	1.15298	2.592685	1.529494	0.219631	0.759986	0.496887	1279.925	8.82245	1298.573	11.20794	1330.352	25.68528	1490.908	13.59763	96.20951
072420BK-01 389	458.2219	15596.82	1.494773	16.98442	1.675598	0.699973	2.128512	0.0875	0.667939	0.313806	540.7333	3.464436	538.7746	8.899309	531.4675	44.26013	1492.175	21.11929	101.7434
072420BK-01 390	882.5482	17588.33	1.272009	18.01692	1.308456	0.527414	2.004315	0.069875	0.756114	0.377243	435.4039	3.183432	430.0919	7.027447	402.6863	41.57493	1494.184	13.57094	108.1248
072420BK-01 391	354.674	11874.9	5.097661	13.82731	1.134052	1.595343	1.802899	0.162488	0.695028	0.385506	970.5903	6.26259	968.3899	11.25326	964.3079	33.97202	1496.043	15.14431	100.6515
072420BK-01 392	608.7208	36677.6	2.762292	13.57722	0.928906	1.760603	1.173811	0.174068	0.638975	0.544359	1034.488	6.107013	1031.07	7.601401	1024.686	19.9222	1497.165	18.12637	100.9566
072420BK-01 393	634.2104	42001.51	4.488919	10.32556	0.649625	3.675396	0.966724	0.275834	0.692617	0.716458	1570.347	9.653059	1566.039	7.716607	1561.037	12.64929	1499.837	18.03044	100.5964
072420BK-01 394	884.1702	27887.89	1.485907	17.68331	1.555524	0.544962	1.777643	0.070374	0.702109	0.394966	438.411	2.975786	441.6911	6.366912	459.7886	36.22409	1504.285	20.58793	95.35055
072420BK-01 395	349.6236	18527.86	1.173489	10.60705	0.935063	3.353604	1.174298	0.259998	0.685347	0.583623	1489.832	9.116524	1493.633	9.185081	1499.837	18.03044	1504.803	17.97782	99.33293
072420BK-01 396	25.88951	6192.126	4.257903	5.282259	2.150913	13.78762	2.399593	0.533525	0.993064	0.413847	2756.287	22.27209	2735.229	22.72119	2720.424	36.00228	1505.812	50.73964	101.3183
072420BK-01 397	58.71353	6749.889	0.597031	9.722192	2.141588	4.029843	2.512684	0.289817	0.943089	0.375331	1640.616	13.66054	1640.238	20.44373	1640.545	43.23585	1507.054	25.86413	100.0043
072420BK-01 398	280.9624	22773.61	1.851194	10.28023	0.917023	3.62694	1.178818	0.272058	0.718961	0.609899	1551.239	9.912385	1555.461	9.38287	1561.999	17.51794	1512.654	15.05687	99.31114
072420BK-01 399	237.5606	7795.058	2.784604	14.66418	2.28377	1.184662	2.81091	0.129657	0.699498	0.248851	785.9079	5.175519	793.4825	15.47821	815.7526	56.91148	1514.636	12.23317	96.34145
072420BK-01 400	343.8092	10680.13	2.064577	16.62738	1.680586	0.815796	1.982723	0.099849	0.710794	0.358494	613.5223	4.159789	605.7001	9.045191	577.4648	40.22556	1516.097	13.54517	106.2441
072420BK-01 401	96.72819	4771.215	1.735384	12.40372	3.366505	2.133737	3.685327	0.197693	0.817811	0.22191	1162.914	8.701957	1159.797	25.48446	1154.823	71.31128	1517.814	17.85889	100.7006
072420BK-01 402	417.1905	40405.5	5.532154	10.71745	0.619153	3.106327	0.892415	0.238948	0.613248	0.687178	1381.225	7.624382	1434.258	6.854833	1514.636	12.23317	1519.822	33.75909	91.1919
072420BK-01 403	78.69271	3477.75	0.790761	13.19493	4.221294	1.421883	5.605697	0.14228	1.026668	0.183147	857.5419	8.243653	898.1523	33.42929	1000.319	111.9923	1524.484	17.7635	85.72684
072420BK-01 404	650.0109	20861.52	2.340615	10.00327	0.590826	3.610842	1.074705	0.260818	0.643274	0.598559	1494.027	8.578283	1551.922	8.545897	1632.448	15.99675	1527.444	13.94697	91.52067
072420BK-01 405	238.6167	22527.61	1.162102	9.235633	0.713471	4.701488	1.043481	0.313213	0.583915	0.559584	1756.498	8.977856	1767.505	8.737203	1781.311	15.76999	1530.524	77.63213	98.60703
072420BK-01 406	812.0903	20586.89	0.772779	17.76812	1.36987	0.53989	1.631177	0.069687	0.651664	0.399505	434.2715	2.736772	438.3523	5.806997	460.7849	33.16684	1536.09	16.53559	94.24604
072420BK-01 407	278.4971	11406.64	2.204223	14.11413	1.769609	1.543094	2.046867	0.158288	0.634445	0.309959	947.2531	5.58911	947.7399	12.61165	949.7427	39.83124	1544.958	12.79484	99.73786
072420BK-01 408	140.3522	8624.848	4.519571	13.51906	2.338534	1.776132	3.202229	0.174479	0.717312	0.224004	1036.742	6.869486	1036.766	20.8055	1037.675	63.03323	1545.062	14.40949	99.91008
072420BK-01 409	322.7036	5790.266	1.722736	17.38339	2.954421	0.55394	4.40288	0.07154	0.680487	0.154555	445.4241	2.928705	447.5746	15.9379	459.6254	96.50307	1549.548	53.29188	96.91026
072420BK-01 410	407.6089	26906.2	1.954949	14.20045	1.198694	1.481081	1.412053	0.150551	0.702497	0.4975	904.0503	5.925706	922.673	8.559122	968.3425	24.99834	1550.065	11.87781	93.36059
072420BK-01 411	45.98897	2562.081	0.663852	11.02115	5.910524	3.099773	6.129029	0.258245	0.80881	0.131964	1480.855	10.70118	1432.636	47.0872	1362.548	117.1273	1559.745	13.66998	108.6828
072420BK-01 413	161.8646	13744.1	2.058969	10.939	1.691648	3.110098	1.944497	0.245917	0.659757	0.339295	1417.384	8.39464	1435.19	14.94137	1462.493	34.76209	1561.037	12.64929	96.91562
072420BK-01 414	477.8346	33808.5	2.776745	12.63174	0.945859	2.226061	1.180481	0.202068	0.645225	0.546578	1186.421	6.991954	1189.28	8.271098	1195.357	19.48337	1561.999	17.51794	99.25246
072420BK-01 415	167.3356	8763.736	1.76304	13.77483	1.702267	1.715227	2.41699	0.172766	0.622597	0.257592	1027.333	5.912511	1014.241	15.50436	986.9454	47.52909	1572.562	47.32592	104.0922
072420BK-01 416	631.8437	17340.62	2.746094	17.21439	1.973208	0.675588	2.374019	0.08435	0.652014	0.274646	522.0333	3.269559	524.1046	9.719461	534.0803	49.96043	1573.079	35.39249	97.74434
072420BK-01 417	402.874	21832.01	2.100999	9.364391	0.802715	4.56142	1.098031	0.30713	0.622363	0.566799	1726.571	9.426838	1742.248	9.144724	1761.897	16.53755	1581.309	20.57049	97.99497
072420BK-01 418	244.0646	5897.372	1.099942	17.119	2.541953	0.703837	4.211835	0.090246	0.712228	0.169102	556.9919	3.800502	541.0804	17.66808	475.5445	91.85505	1589.733	19.80897	117.1272
072420BK-01 419	160.296	21015.65	1.672557	10.06618	0.988066	3.918315	1.270729	0.283815	0.648263	0.51015	1610.545	9.238511	1617.471	10.27971	1627.287	20.32192	1590.97	13.29184	98.9712
072420BK-01 420	367.3465	38542.65	0.951451	8.351499	0.686529	5.8493	0.952226	0.350208	0.622708	0.65395	1935.593	10.41187	1953.746	8.257282	1973.795	12.83572	1593.829	25.00532	98.06453
072420BK-01 421	209.3706	11390.16	1.976849	12.74349	1.657929	2.158038	2.001034	0.199747	0.705467	0.352551	1173.959	7.571555	1167.641	13.88523	1156.787	37.14047	1594.256	9.764932	101.4844
072420BK-01 422	821.1551	5149.462	2.775039	9.389225	0.629524	4.073656	1.970266	0.280403	0.655538	0.332716	1593.39	9.254484	1649.045	16.06403	1721.495	34.13735	1594.93	11.76085	92.55852
072420BK-01 423	235.1249	9208.205	1.62337	12.81531	1.7225	2.031805	2.514329	0.190544	0.642989	0.25573	1124.319	6.633938	1126.22	17.11094	1130.736	48.41329	1599.012	40.46338	99.43251
072420BK-01 425	153.4802	10934.19	1.079165	11.56069	1.543287	2.63677	1.840557	0.223396	0.862443	0.468577	1299.794	10.15214	1310.957	13.55069	1330.089	31.46768	1600.544	26.78127	97.72239
072420BK-01 426	360.6641	30734.49	2.492193	9.894185	0.948218	4.009549	1.329253	0.287697	0.832137	0.626018	1630.009	11.98491	1636.133	10.80316	1644.805	19.23018	1602.64	20.19443	99.10047
072420BK-01 427	211.1952	3673.694	0.825236	13.51261	1.827176	1.641093	2.595364	0.168985	0.854902	0.329396	1006.515	7.966614	986.1326	16.37628	941.9506	50.23278	1603.425	64.68554	106.8544
072420BK-01 428	343.101	9109.862	0.497766	17.22901	2.684051	0.707252	3.66469	0.090426	0.914154	0.249449	558.0565	4.88692	543.1133	15.41619	481.8643	78.43443	1603.629	37.38025	115.8119
072420BK-01 429	191.7129	12463.86	2.192347	12.27063	1.46967	2.335142	1.836224	0.209691	0.896305	0.488124	1227.174	10.01569	1223.044	13.05505	1216.625	31.51955	1604.006	27.35397	100.8671
072420BK-01 430	146.3011	8763.113	2.139375	11.01518	1.843199	3.093353	2.309713	0.25028	0.910865	0.394363	1439.918	11.75415	1431.045	17.72484	1418.688	40.57803	1607.118	30.67315	101.4964
072420BK-01 431	430.5536	25796	1.259684	10.5808	0.920569	3.200185	1.280099	0.245753	0.861492	0.672989	1416.538	10.95563	1457.205	9.903619	1517.814	17.85889	1609.811	14.22749	93.32747
072420BK-01 432	396.0341	6636.286	1.522709	16.7247	2.784296	0.586654	5.56515	0.073497	4.46633	0.802553	457.1914	19.71246	468.7286	20.89623	526.605	72.78879	1610.126	22.16884	86.81866
072420BK-01 433	494.7848	38355.52	1.2668	11.36826	0.707211	2.905009	0.982199	0.239749	0.645442	0.657139	1385.393	8.046349	1383.216	7.419298	1380.677	14.22744	1610.9	22.2153	100.3416
072420BK-01 435	561.9582	90462.65	7.876199	9.338383	0.635028	4.715285	0.92846	0.319328	0.672508	0.724326	1786.448	10.49302	1769.959	7.778065	1751.339	11.71593	1613.301	17.44952	102.0047
072420BK-01 436	123.1763	15773.39	1.646043	8.657967	1.139018	5.46521	1.431596	0.345213	0.718042	0.501567	1911.698	11.87857	1895.147	12.28841	1877.836	22.32151	1613.571	22.60299	101.8032
072420BK-01 437	161.0349	11585.02	0.614378	9.841113	1.355347	4.016431	1.607171	0.289618	0.672293	0.418309	1639.622	9.732896	1637.527	13.06656	1635.63	27.11541	1617.141	41.26679	100.244
072420BK-01 438	122.409	12120.63	2.223161	10.14794	1.063444	3.879914	1.29789	0.288048	0.689296	0.53109	1631.767	9.937047	1609.512	10.47836	1581.309	20.57049	1617.458	17.72926	103.1909
072420BK-01 439	173.2101	6730.278	0.994214	16.28861	3.348931	0.744475	4.300622	0.09101	0.799417	0.185884	561.5081	4.298851	565.0139	18.63784	580.119	91.84118	1621.101	19.9741	96.79188
072420BK-01 440	1825.444	7237.863	2.975033	17.86087	0.928987	0.423429	1.249384	0.056816	0.734832	0.588155	356.2337	2.546704	358.5001	3.773745	374.1541	22.73219	1621.353	19.3195	95.21042
072420BK-01 441	853.0864	29947.91	1.545395	15.75178	0.836611	1.050683	1.101454	0.120769	0.695963	0.631858	734.9879	4.834409	729.2204	5.730256	712.4709	18.15371	1622.21	19.01678	103.1604
072420BK-01 442	239.1456	5525.976	0.94012	16.66284	2.389377	0.631453	5.140582	0.079689	0.674327	0.131177	494.2644	3.208391	497.0008	20.20534	510.5843	112.0845	1623.256	16.22974	96.80369
072420BK-01 443	231.0198	10287.02	32.98296	13.13083	1.219967	1.975872	1.604157	0.191356	0.634511	0.395542	1128.718	6.569893	1107.313	10.81528	1066.405	29.63656	1625.053	15.18172	105.8433
072420BK-01 444	326.6727	28653.57	2.421005	9.323946	0.665482	4.643687	0.950767	0.314782	0.665265	0.699714	1764.196	10.26761	1757.158	7.943518	1749.579	12.43469	1627.287	20.32192	100.8355
072420BK-01 445	453.3999	19543.32	1.068671	9.936812	0.67714	3.457116	1.13816	0.25071	0.793147	0.696868	1442.135	10.24913	1517.492	8.964056	1625.053	15.18172	1628.792	14.70979	88.74388
072420BK-01 446	200.3613	7194.37	0.796287	15.94396	3.93533	0.669035	4.829708	0.079866	0.761803	0.157733	495.3228	3.632059	520.1255	19.66022	631.5463	102.7687	1628.931	12.54552	78.43017
072420BK-01 447	250.1503	10278.51	0.939493	17.00588	2.618168	0.694583	3.345136	0.08771	0.644983	0.192812	541.9807	3.352767	535.5501	13.92298	509.2133	72.19661	1629.58	160.29	106.4349
072420BK-01 448	601.2831	43391.24	10.89411	13.98817	1.001961	1.571615	1.235104	0.160055	0.622393	0.50392	957.0844	5.535728	959.064	7.664469	964.5152	21.77133	1630.052	15.39839	99.22958
072420BK-01 449	551.6267	23056.62	2.110674	11.89193	0.870688	2.51925	1.264895	0.218369	0.722882	0.571495	1273.254	8.352155	1277.604	9.194274	1285.759	20.21386	1630.093	30.78458	99.02738
072420BK-01 450	283.261	20083.35	1.136357	9.830876	0.806245	4.103949	1.086852	0.293961	0.691102	0.635875	1661.291	10.12113	1655.089	8.873746	1648.018	15.55484	1631.296	14.101	100.8054
072420BK-01 451	656.1572	18114.31	2.109462	10.29558	0.720948	3.537322	1.027821	0.265655	0.724842	0.705222	1518.708	9.807629	1535.601	8.136386	1559.745	13.66998	1631.876	17.25635	97.36896

072420BK-01 452	1152.542	15619.18	2.297791	18.01906	1.141299	0.515357	1.481146	0.068497	0.764689	0.516282	427.0971	3.160126	422.0448	5.114751	395.4897	28.44533	1632.321	26.35515	107.992
072420BK-01 453	391.4224	8552.213	2.17908	18.08563	2.616564	0.517698	2.977797	0.070118	0.725418	0.243609	436.8661	3.064106	423.6123	10.31409	353.1064	65.24409	1632.448	15.99675	123.7208
072420BK-01 454	483.4585	13303.24	2.46102	17.49074	1.814576	0.567587	2.18885	0.073456	0.750372	0.342815	456.9452	3.310086	456.4531	8.047408	454.9366	45.65823	1632.684	14.22892	100.4415
072420BK-01 455	557.7964	58562.14	3.256325	7.918345	0.722143	6.502752	1.014903	0.374373	0.705568	0.695208	2049.943	12.3896	2046.271	8.931866	2043.325	12.89419	1635.63	27.11541	100.3239
072420BK-01 456	603.7888	14653.29	8.804439	17.98728	1.900941	0.523168	2.618412	0.069542	0.565006	0.215782	433.3968	2.368219	427.2653	9.132146	395.2786	57.3415	1637.106	13.87994	109.6434
072420BK-01 457	113.4575	9262.19	1.346672	10.41335	1.713567	3.583074	1.877282	0.274863	0.565399	0.30118	1565.441	7.858272	1545.789	14.90354	1519.822	33.75909	1637.305	16.56018	103.0016
072420BK-01 458	148.5962	2562.093	1.130314	16.50978	5.231476	0.603921	10.83951	0.079614	1.088567	0.100426	493.816	5.174784	479.7188	41.46465	413.8366	241.6808	1637.722	16.93429	119.3263
072420BK-01 459	102.8962	19150.69	1.167522	6.038915	0.604326	10.91638	0.887709	0.47882	0.561852	0.632923	2522.126	11.72729	2516.032	8.257425	2511.835	11.55415	1637.734	14.69937	100.4097
072420BK-01 460	489.7247	30286.35	3.030473	12.76118	0.719454	2.126809	1.089303	0.197536	0.61145	0.561322	1162.071	6.501852	1157.55	7.52339	1149.962	17.89367	1638.532	19.64114	101.0529
072420BK-01 461	134.5255	8647.696	1.022358	12.42438	2.940255	2.180071	3.130534	0.200024	0.722983	0.230946	1175.451	7.768536	1174.7	21.7946	1174.197	60.30272	1638.586	20.02841	100.1068
072420BK-01 462	121.5541	7078.239	1.824769	13.16061	2.000822	1.894942	3.02251	0.185767	0.770663	0.254975	1098.403	7.783089	1079.317	20.09141	1041.837	58.97186	1638.699	35.03562	105.4295
072420BK-01 463	144.1316	14178.04	3.063793	9.793632	1.058441	4.115006	1.406472	0.29544	0.651832	0.463452	1668.655	9.583101	1657.287	11.48957	1643.699	23.12522	1638.721	23.79498	101.5183
072420BK-01 464	174.5048	23370.12	1.890683	9.779831	1.019051	4.100272	1.267644	0.292863	0.588495	0.464243	1655.818	8.593555	1654.357	10.34812	1653.294	20.80694	1638.739	22.34537	100.1527
072420BK-01 465	489.5548	36378.67	2.030874	10.68352	0.655016	3.33687	0.932496	0.259925	0.594666	0.637715	1489.456	7.908512	1489.722	7.285295	1490.908	13.59763	1640.545	43.23585	99.90265
072420BK-01 466	186.8635	12020.07	2.535882	12.51453	1.294193	2.113546	2.0304	0.194933	0.634482	0.312491	1148.044	6.672365	1153.234	13.99573	1163.848	38.22328	1641.601	15.68066	98.64208
072420BK-01 467	220.0901	12926.83	1.698157	13.76746	1.814342	1.59999	2.235277	0.16242	0.698703	0.31258	970.2129	6.293441	970.2063	13.968	971.0864	43.2971	1642.066	30.95687	99.91004
072420BK-01 468	196.1546	20658.75	1.858706	10.81749	1.153513	3.301415	1.345388	0.261638	0.641644	0.476921	1498.215	8.577843	1481.387	10.48532	1458.178	22.48527	1642.268	19.21339	102.7457
072420BK-01 469	620.0334	41343.27	1.873338	10.33999	0.617997	3.551096	0.916794	0.268068	0.663791	0.724035	1530.987	9.045904	1538.679	7.263659	1550.065	11.87781	1642.787	18.08916	98.7692
072420BK-01 470	296.0329	20868.5	4.011953	9.838116	0.867208	3.552288	1.084283	0.255919	0.616868	0.568917	1468.928	8.1031	1538.945	8.591353	1637.305	16.56018	1642.796	16.80013	89.71624
072420BK-01 471	267.0613	18952.57	2.957339	10.76989	0.744948	3.273293	1.027633	0.258521	0.615569	0.599017	1482.27	8.151372	1474.727	7.992806	1464.696	15.63247	1642.858	10.98013	101.1998
072420BK-01 472	322.9846	44128.98	3.765894	10.48331	0.932364	3.489439	1.26955	0.267019	0.850443	0.669877	1525.655	11.55376	1524.829	10.01976	1524.484	17.7635	1643.699	23.12522	100.0768
072420BK-01 473	69.25479	4907.68	2.41587	12.12888	4.372186	2.082571	4.878594	0.190331	1.387307	0.284366	1123.17	14.29994	1143.082	33.4787	1181.946	92.49558	1644.805	19.23018	95.02721
072420BK-01 474	286.3947	25286.85	3.307701	9.81282	0.990075	4.055314	1.335603	0.291379	0.843881	0.631835	1648.414	12.2745	1645.367	10.87928	1642.268	19.21339	1646.132	17.01281	100.3742
072420BK-01 476	157.63	7760.685	1.72172	13.06954	1.931259	1.770635	2.689844	0.172674	0.990925	0.368395	1026.829	9.406107	1034.753	17.45619	1052.432	50.39047	1646.252	13.55186	97.56735
072420BK-01 477	842.5323	56625.94	1.483362	12.32064	0.914504	2.316507	1.258474	0.208508	0.85933	0.682835	1220.864	9.557665	1217.355	8.925612	1212.014	18.11087	1646.7	18.22112	100.7302
072420BK-01 478	602.2701	6641.22	1.458844	13.68099	1.102632	1.565833	1.997113	0.160566	0.827327	0.414261	959.9203	7.378682	956.7784	12.37574	950.4333	37.19863	1646.879	28.02808	100.9982
072420BK-01 479	82.79863	14231.38	1.553111	4.462684	0.97419	17.89551	1.31933	0.582914	0.886961	0.672281	2960.63	21.05579	2984.134	12.68795	3000.697	15.69828	1647.199	34.42742	98.66473
072420BK-01 480	961.3252	37835.57	1.127331	11.46488	0.858922	2.450033	1.375154	0.20517	1.069584	0.777792	1203.036	11.73816	1257.434	9.916166	1352.6	16.67447	1648.018	15.55484	88.9425
072420BK-01 481	334.0661	19540.34	1.017133	13.15473	1.285467	1.901407	1.536564	0.183677	0.710207	0.462205	1087.03	7.104359	1081.582	10.22496	1071.515	27.38799	1648.286	55.39187	101.448
072420BK-01 482	740.0102	47909.69	2.3187	12.32482	0.719297	2.35618	1.011023	0.21198	0.685536	0.678062	1239.356	7.729428	1229.429	7.207113	1212.901	14.61724	1649.585	13.3605	102.1811
072420BK-01 483	598.891	26240.66	5.871419	14.02878	0.75891	1.542634	1.161546	0.158463	0.674602	0.580779	948.2281	5.948546	947.5558	7.155705	946.8675	19.37402	1650.495	24.52759	100.1437
072420BK-01 484	202.2344	1636.463	1.908687	10.81308	1.67462	2.380201	10.20925	0.206338	1.295003	0.126846	1209.276	14.27905	1236.671	73.12146	1285.562	197.6814	1651.054	32.12763	94.06597
072420BK-01 485	992.5034	46746.75	2.483877	13.64278	0.71782	1.66226	1.045707	0.16563	0.670062	0.640774	987.9864	6.137769	994.2382	6.629709	1008.921	16.28212	1652.564	36.58128	97.92509
072420BK-01 486	781.6848	15471.4	1.804946	17.7827	1.653151	0.526374	1.904744	0.06924	0.680798	0.357422	431.5749	2.841962	429.4007	6.669704	418.7009	39.73273	1653.294	20.80694	103.0748
072420BK-01 487	404.9282	9150.848	1.337985	18.06682	2.962483	0.518937	3.175771	0.070215	0.680073	0.214144	437.4486	2.876277	424.4411	11.01719	355.3663	70.06	1659.339	12.72516	123.0979
072420BK-01 488	410.5496	14576.83	0.692244	17.67065	1.940277	0.613875	2.140808	0.080239	0.677481	0.316461	497.5485	3.243999	486.0009	8.268507	432.8603	45.24569	1663.026	10.24016	114.9444
072420BK-01 489	155.1816	4145.968	1.112901	15.91223	4.60526	0.64914	5.61558	0.079329	0.761277	0.135565	492.1185	3.606955	507.9492	22.44792	580.8147	120.9347	1665.251	27.66055	84.72901
072420BK-01 491	128.6209	10760.44	0.966485	10.84498	1.88661	3.193438	2.339687	0.254754	0.963892	0.411975	1462.947	12.61565	1455.573	18.09347	1445.635	40.60924	1665.634	13.96507	101.1976
072420BK-01 492	1445.65	6862.72	1.494151	17.73494	1.203277	0.42027	1.916676	0.056178	0.734101	0.383008	352.339	2.51711	356.2439	5.758913	382.7198	39.78607	1666.846	16.82148	92.06187
072420BK-01 493	553.7321	48375.15	2.789842	11.44825	0.671021	2.828937	0.919066	0.235671	0.596752	0.649302	1364.153	7.336947	1363.24	6.894903	1362.63	13.46545	1670.157	11.53589	100.1118
072420BK-01 494	263.7329	40692	5.052155	9.150441	0.755802	4.760572	0.985418	0.316697	0.591761	0.600518	1773.579	9.175361	1777.973	8.269014	1783.912	14.36365	1673.287	25.68213	99.42074
072420BK-01 496	280.973	23719.43	2.815302	12.343	0.99729	2.30117	1.180507	0.207526	0.584859	0.495431	1215.624	6.47956	1212.649	8.355817	1208.232	20.17227	1676.26	18.74059	100.6118
072420BK-01 497	104.3084	11831.43	0.890516	9.925822	1.922084	4.056189	2.363939	0.295408	0.822679	0.348012	1668.499	12.09386	1645.543	19.25809	1617.141	41.26679	1678.986	18.28905	103.1758
072420BK-01 498	2591.633	1818.155	1.278464	17.10851	1.004392	0.30564	1.651333	0.044003	0.723863	0.438351	277.5972	1.966772	270.7958	3.925123	213.4309	34.40527	1681.963	18.87276	130.0642
072420BK-01 499	39.4475	2448.016	1.229966	10.99878	5.912407	2.642159	6.466113	0.224782	1.407357	0.217651	1307.095	16.65047	1312.46	47.66417	1322.062	122.3795	1687.246	31.41666	98.86785
072420BK-01 500	109.4042	12300.81	1.23638	9.078533	1.206677	4.848708	1.711726	0.321606	0.731671	0.427446	1797.568	11.47774	1793.391	14.40985	1789.312	28.19133	1688.129	27.25545	100.4614
072420BK-01 501	174.3888	20690.95	1.315196	9.237814	0.885912	4.636132	1.155089	0.311662	0.718509	0.622038	1748.879	11.00557	1755.798	9.647909	1764.823	16.52607	1690.685	15.69549	99.09652
072420BK-01 502	215.566	14991.19	1.389359	10.06579	0.973328	3.356082	1.332492	0.246329	0.776827	0.582988	1419.518	9.897512	1494.21	10.42429	1602.64	20.19443	1690.981	17.88933	88.57372
072420BK-01 503	94.62996	10047.12	4.53103	4.653787	0.756874	15.79777	1.100934	0.534777	0.726923	0.660279	2761.548	16.32808	2864.646	10.51358	2938.662	13.35966	1691.643	9.372784	93.97295
072420BK-01 504	74.08004	5368.668	1.051076	11.76557	3.487625	2.538451	3.852184	0.222952	0.741784	0.192562	1297.456	8.717626	1283.129	28.06746	1260.078	73.88599	1691.818	14.93547	102.9663
072420BK-01 505	271.0553	8292.969	0.459231	17.37358	3.220725	0.634772	3.771498	0.082299	0.662245	0.175592	509.8317	3.246274	499.0639	14.87083	450.9241	82.4814	1695.128	11.62075	113.0638
072420BK-01 506	210.8144	17054.72	1.735277	11.10003	1.264517	2.917161	1.558291	0.236418	0.684998	0.439583	1368.047	8.443498	1386.371	11.78384	1415.502	26.76841	1702.532	19.8692	96.6475
072420BK-01 507	166.9781	8850.982	0.868845	9.81123	0.835273	4.021726	1.093045	0.289674	0.602646	0.551346	1639.899	8.725889	1638.599	8.888704	1637.722	16.93429	1705.649	12.77237	100.1329
072420BK-01 508	333.5586	29159.37	1.695327	9.622477	0.564909	4.29949	0.819682	0.300219	0.523817	0.63905	1692.393	7.796856	1693.263	6.752499	1695.128	11.62075	1715.05	13.66403	99.83862
072420BK-01 509	162.3536	12366.79	1.775426	9.813603	1.172164	4.019837	1.642161	0.288113	0.642632	0.391333	1632.091	9.265934	1638.216	13.35332	1646.879	28.02808	1716.556	28.95687	99.10205
072420BK-01 510	351.5164	16410.92	2.113268	13.57247	1.160789	1.694835	1.350226	0.168152	0.562127	0.416321	1001.92	5.216208	1006.587	8.622676	1017.624	24.86061	1719.958	25.93282	98.45676
072420BK-01 511	87.74817	18221.49	1.613258	3.908445	0.619189	22.00264	0.869036	0.622652	0.58051	0.667993	3120.462	14.35981	3183.844	8.440628	3224.705	10.20833	1721.495	34.13735	96.76736
072420BK-01 512	327.5609	46541.26	1.845097	8.987195	0.546417	4.910332	0.788953	0.32009	0.556619	0.705515	1790.168	8.700507	1804.033	6.655589	1820.865	10.14562	1727.669	19.06451	98.31415
072420BK-01 513	374.6561	15144.14	4.068146	13.95875	1.302725	1.598609	1.488382	0.163881	0.578065	0.388385	978.3087	5.247049	969.6666	9.297322	951.0292	28.04622	1731.733	14.7078	102.8684
072420BK-01 514	396.9271	16383.69	5.566463	12.28308	1.257696	1.946555	1.63049	0.175137	0.618203	0.379152	1040.355	5.939364	1097.26	10.93747	1212.806	29.67872	1731.85	15.50823	85.78084
072420BK-01 515	109.9561	3015.846	0.927829	14.66649	5.838223	0.793684	6.854813	0.090727	1.900098	0.277192	559.8342	10.18859	593.2597	30.80779	724.1508	139.8581	1733.579	18.78591	77.30906
072420BK-01 516	260.8535	1713.969	1.271128	10.19525	1.086047	3.101722	3.101358	0.249879	0.670515	0.2162	1437.853	8.641493	1433.119	23.81761	1426.909	57.83103	1735.808	14.49169	100.767
072420BK-01 517	294.0543	15395.89	3.616784	12.64233	1.040843	2.084321	1.1992	0.19322	0.554788	0.462632	1138.795	5.79131	1143.658	8.228791	1153.74	21.11045	1742.93	17.06417	98.70464
072420BK-01 518	213.7568	11435.08	1.96976	13.84197	1.799805	1.565618	2.05483	0.159692	0.624067	0.303708	955.0668	5.539762	956.6932	12.73275	961.343	39.97994	1743.851	20.61136	99.34714
072420BK-01 519	150.68	9754.526	1.042737	9.963826	1.11037	3.895665	1.336794	0.28467	0.604669	0.452328	1614.836	8.637455	1612.784	10.80142	1610.9	22.2153	1749.579	12.43469	100.2443
072420BK-01 520	187.1616	23446.5	1.259532	9.435382	0.950542	4.393651	1.284772	0.301414	0.756419	0.588758	1698.317	11.29352	1711.146	10.62709	1727.669	19.06451	1751.339	11.71593	98.30104
072420BK-01 522	251.1029	43686.34	3.457259	10.07964	0.706164	4.006139	0.946089	0.292913	0.558727	0.590565	1656.072	8.159962	1635.442	7.687646	1609.811	14.22749	1752.017	13.5619	102.8737
072420BK-01 523	348.3242	17086.43	1.24114	13.32279	1.197921	1.82519	1.699628	0.178063	0.544433	0.320325	1056.387	5.304801	1054.552	11.14966	1051.651	32.46485	1752.396	22.53639	100.4503
072420BK-01 524	149.9986	3365.107	0.921633	17.19995	3.148102	0.651697	5.286219	0.087831	0.848024	0.160422	542.697	4.413806	509.5227	21.18134	364.2398	117.7388	1754.636	14.07062	148.9944
072420BK-01 525	148.8267	12110.35	3.31945	9.340117	0.812086	4.654493	1.038103	0.318582	0.60268	0.580559	1782.8	9.386833	1759.101	8.676801	1731.85	15.50823	1754.786	13.70888	102.942
072420BK-01 526	389.9012	21656.17	2.059594	8.774423	0.61617	5.205397	0.88941	0.333015	0.550057	0.618451	1852.98	8.858394	1853.5	7.575729	1854.852	12.63041	1758.177	13.02947	99.8991
072420BK-01 527	172.6927	18123.36	2.109922	8.827514	0.733943	5.160257	1.125033	0.332496	0.573861	0.510083	1850.469	9.230938	1846.087	9.569311	1841.924	17.51542	1759.854	10.49414	100.4639
072420BK-01 528	186.0566	11632.17	2.336591	13.49723	1.970573	1.698206	2.175457	0.169336	0.605599	0.278378	1008.453	5.653454	1007.856	13.90346	1007.425	42.38986	1761.897	16.53755	100.102
072420BK-01 529	105.4053	2918.184	1.018614	13.38564	7.672891	0.665742	10.16097	0.069327	0.945232	0.093026	432.0988	3.950461	518.1201	41.25744	918.8816	208.5424	1762.844	18.08728	47.02443
072420BK-01 530	44.18974	2418.982	2.957595	10.71859	6.89912	2.527675	8.894102	0.209942	1.057107	0.118855	1228.511	11.82423	1280.031	64.79681	1368.415	170.315	1764.823	16.52607	89.77618
072420BK-01 531	492.1075	20917.55	3.759044	13.88313	1.065858	1.571019	1.423736	0.160055	0.755213	0.530445	957.0816	6.717045	958.8287	8.833776	963.7475	24.657	1771.085	10.15902	99.30833
072420BK-01 532	441.7184	34072.23	2.224057	10.6409	0.784708	3.422453	1.094174	0.265869	0.745909	0.681709	1519.798	10.09911	1509.564	8.598073	1496.043	15.14431	1771.697	36.01504	101.5878
072420BK-01 533	333.6562	24585.84	0.543012	12.10023	0.999603	2.443086	1.298691	0.216064	0.747352	0.575466	1261.044	8.559923	1255.387	9.357052	1246.571	20.81762	1772.873	23.40845	101.161
072420BK-01 534	310.1559	23303.11	3.037908	11.27977	1.102331	2.384313	1.508866	0.196848	0.882431	0.584831	1158.367	9.356032	1237.905	10.79418	1379.976	23.5221	1778.308	17.24764	83.94109
072420BK-01 535	288.0261	24059.34	1.628186	10.74276	0.9111	3.359577	1.277672	0.264009	0.751287	0.588013	1510.322	10.11565	1495.025	9.99778	1474.209	19.60818	1781.151	13.74113	102.4496
072420BK-01 536	85.42423	3825.321	2.097926	13.19893	5.976637	1.57484	7.814206	0.158927	0.909655	0.11641	950.8104	8.041492	960.3364	48.56596	983.1202	158.2664	1781.311	15.76999	96.71355
072420BK-01 537	76.92732	15759.78	1.764443	4.884587	0.999583	15.6721	1.38437	0.558523	0.898905	0.649325	2860.524	20.76642	2857.02	13.21428	2855.247	17.14171	1783.689	13.31595	100.1848
072420BK-01 538	327.7391	22157.62	2.842388	12.11751	1.109422	2.269578	1.47767	0.201481	0.80897	0.547463	1183.274	8.745184	1202.885	10.4154	1239.122	24.24574	1783.912	14.36365	95.49289
072420BK-01 539	138.5847	12125.18	2.412099	12.56275	2.365536	2.091061	2.678096	0.193759	0.935702	0.349391	1141.705	9.790414	1145.874	18.39767	1154.621	49.78494	1786.871	19.22287	98.88135
072420BK-01 540	117.9974	7681.061	3.503169	12.54625	2.996108	2.154354	3.395072	0.201087	0.889849	0.2621	1181.157	9.603834	1166.456	23.54851	1140.11	65.15408	1789.312	28.19133	103.6003
072420BK-01 541	196.2946	21017.03	2.935681	8.225995	1.017916	5.903821	1.324249	0.354809	0.829995	0.626767	1957.523	14.01236	1961.796	11.49904	1967.066	18.40092	1790.795	15.55966	99.51487
072420BK-01 542	391.8805	29837.46	2.353945	10.87674	1.016101	3.200335	1.338041	0.254274	0.862769	0.6448	1460.477	11.27514	1457.241	10.35204	1453.337	19.45943	1792.3	21.08523	100.4913
072420BK-01 543	467.6167	28544.88	2.182826	13.20204	1.097552	1.858234	1.468996	0.179475	0.845432	0.575517	1064.105	8.293007	1066.359	9.697648	1071.867	24.12137	1796.688	14.36557	99.27578
072420BK-01 544	270.065	25346.2	2.246437	9.888272	0.988627	3.954873	1.337769	0.287378	0.843617	0.630615	1628.413	12.1398	1624.99	10.84245	1621.353	19.3195	1799.584	21.95912	100.4354
072420BK-01 546	645.842	61378.54	6.69568	10.3907	0.679328	3.601	0.955025	0.272575	0.669832	0.701376	1553.859	9.248834	1549.752	7.589687	1544.958	12.79484	1805.464	14.05666	100.5762
072420BK-01 547	331.3808	28803.96	0.778637	10.71556	0.825186	3.320916	1.099407	0.259969	0.668429	0.60799	1489.681	8.890676	1485.98	8.579871	1481.509	16.5451	1808.358	14.7577	100.5516
072420BK-01 548	682.1854	27378.97	1.770047	14.12464	0.820352	1.408842	1.093898	0.145698	0.670699	0.613127	876.8042	5.498318	892.6703	6.496312	933.0495	17.72171	1808.759	16.82681	93.97188
072420BK-01 549	900.2467	42015.67	6.217598	13.93807	0.830618	1.553766	1.087631	0.157242	0.680046	0.625255	941.4316	5.956637	951.9916	6.719273	977.3508	17.28594	1808.998	63.5757	96.32484
072420BK-01 550	109.2201	10660.33	1.628507	9.621193	1.485961	4.226855	1.86041	0.296411	0.749862	0.403063	1673.487	11.05227	1679.25	15.27735	1687.246	31.41666	1816.948	16.21986	99.18452
072420BK-01 551	39.36097	2338.294	1.280532	12.49989	5.595875	1.833689	6.734621	0.178571	1.231585	0.182874	1059.163	12.02925	1057.602	44.27838	1055.277	133.4736	1819.991	23.59056	100.3683
072420BK-01 552	223.9896	30747.5	1.855557	9.267508	0.876994	4.700948	1.111837	0.313694	0.585023	0.526177	1758.858	9.005406	1767.409	9.309401	1778.308	17.24764	1820.865	10.14562	98.90628
072420BK-01 553	367.6909	26347.63	9.38526	11.62718	1.049081	2.482678	1.386902	0.209093	0.855441	0.6168	1223.985	9.536494	1266.997	10.03915	1341.59	21.09126	1841.652	13.25302	91.23391
072420BK-01 554	466.9101	9805.017	1.191773	17.9587	2.286431	0.527098	2.636367	0.070014	0.68904	0.26136	436.238	2.906404	429.882	9.240004	396.9101	57.03747	1841.924	17.51542	109.9085
072420BK-01 555	179.293	4413.786	11.20448	16.35617	5.025504	0.677113	7.338862	0.084259	0.706249	0.096234	521.4925	3.538001	525.0281	30.09432	541.4058	159.9256	1842.662	40.5698	96.32194
072420BK-01 556	294.6419	31610.2	1.646905	8.501458	0.610073	5.679247	0.893824	0.348821	0.560628	0.627225	1928.966	9.346347	1928.218	7.717089	1928.176	12.47029	1850.324	35.64667	100.041
072420BK-01 557	524.8421	10767.81	1.258519	17.99229	2.22382	0.541285	2.425358	0.071582	0.608907	0.251059	445.6824	2.622108	439.2712	8.648866	406.7634	52.54796	1854.852	12.63041	109.568
072420BK-01 558	242.4885	21669.05	3.535865	9.339214	0.699045	4.470801	0.9835	0.302227	0.613013	0.623298	1702.34	9.171377	1725.567	8.161087	1754.636	14.07062	1854.906	18.5847	97.01958
072420BK-01 559	194.716	7228.355	1.019641	16.36726	2.136093	0.798519	2.6316	0.097237	0.651669	0.247632	598.199	3.722872	595.993	11.86424	588.5412	55.33541	1862.429	27.57684	101.641
072420BK-01 561	256.0559	25777.72	2.007256	9.752665	0.891163	4.09022	1.204675	0.288541	0.650043	0.5396	1634.234	9.383602	1652.354	9.829319	1676.26	18.74059	1863.088	12.59454	97.49288
072420BK-01 562	369.1855	20095.86	2.326538	12.0974	1.082652	2.450161	1.294672	0.21511	0.637925	0.492731	1255.986	7.280032	1257.472	9.335918	1260.878	22.01628	1863.796	19.95218	99.61199
072420BK-01 563	137.5026	11320.82	2.386523	12.58334	2.532455	2.094289	2.755689	0.193117	0.648156	0.235206	1138.24	6.762945	1146.934	18.94027	1164.255	53.10222	1877.836	22.32151	97.76553
072420BK-01 564	291.7967	27241.51	1.77866	10.48778	0.838145	3.499389	1.087499	0.266136	0.640707	0.589157	1521.157	8.681626	1527.077	8.588314	1536.09	16.53559	1884.537	19.99086	99.02783
072420BK-01 565	124.5207	6302.71	1.761726	12.01309	2.302414	2.390666	2.566138	0.212864	0.663316	0.258488	1244.059	7.504631	1239.81	18.37347	1233.304	48.62307	1888.589	14.99722	100.872
072420BK-01 566	338.8465	8560.3	1.354245	16.61274	2.348362	0.73514	3.654998	0.09064	0.653527	0.178804	559.3232	3.501238	559.5658	15.72488	561.5095	78.38739	1911.687	10.49231	99.61064
072420BK-01 567	218.9133	28843.52	1.452658	8.431157	0.687213	5.713455	0.954134	0.348816	0.636482	0.667079	1928.942	10.61081	1933.405	8.245208	1938.954	12.71702	1914.703	15.40656	99.48365

072420BK-01 568	108.132	6980.574	3.193712	9.710413	1.527058	4.09823	1.849578	0.293071	0.645985	0.349261	1656.855	9.438242	1653.951	15.09772	1651.054	32.12763	1927.579	13.39895	100.3514
072420BK-01 569	18.56262	1937.122	0.467646	9.329341	7.611038	3.974814	8.854123	0.287552	2.07678	0.234555	1629.285	29.89947	1629.068	71.95177	1629.58	160.29	1928.176	12.47029	99.98189
072420BK-01 570	263.4003	17541.16	1.110712	10.72584	0.845921	3.337613	1.131504	0.261458	0.702354	0.620727	1497.299	9.384356	1489.896	8.840606	1480.184	16.81842	1938.38	11.93455	101.1562
072420BK-01 571	269.1467	32679.76	0.770381	5.510621	0.709643	12.70979	0.999195	0.508231	0.699392	0.699956	2649.071	15.19263	2658.385	9.405897	2666.188	11.82175	1938.954	12.71702	99.35802
072420BK-01 572	696.4123	36526.23	3.005304	12.57158	0.829531	2.186123	1.134609	0.199993	0.695752	0.613209	1175.284	7.47497	1176.631	7.904912	1179.987	17.73761	1943.959	19.92745	99.60141
072420BK-01 573	718.9887	14888.32	1.80489	17.08289	1.232462	0.703281	1.426746	0.08845	0.684663	0.479877	546.3632	3.586607	540.7487	5.981695	518.0806	27.45977	1952.737	42.08943	105.4591
072420BK-01 574	725.7664	48012.42	1.873615	12.4699	0.705903	2.231865	1.02513	0.2024	0.672523	0.656037	1188.198	7.297708	1191.105	7.188373	1197.261	15.24954	1967.066	18.40092	99.24305
072420BK-01 575	248.3662	15904.6	1.636991	11.14827	0.883459	2.945783	1.221681	0.240303	0.828969	0.678548	1388.272	10.35352	1393.763	9.2612	1402.992	17.19131	1973.795	12.83873	98.95075
072420BK-01 576	754.6882	15415.18	1.351442	17.71153	1.830075	0.52515	2.014092	0.068542	0.745084	0.369935	427.3646	3.08097	428.5861	7.041858	436.1071	41.66606	1990.471	11.58003	97.99534
072420BK-01 577	310.0919	27073.04	1.687517	11.39108	1.205104	2.786766	1.553555	0.231372	0.936152	0.602587	1341.687	11.33932	1351.995	11.60934	1369.16	23.86275	1992.504	17.71605	97.99342
072420BK-01 578	117.4792	6861.986	2.338022	12.06236	1.979459	2.429736	2.472436	0.21792	0.961338	0.388822	1270.876	11.08852	1251.443	17.7868	1219.039	44.78193	1998.916	11.90347	104.2523
072420BK-01 579	179.493	16802.03	2.393923	13.08501	1.957258	1.944415	2.217132	0.186411	0.970099	0.437547	1101.905	9.825879	1096.522	14.86766	1086.726	39.94652	2001.156	38.65562	101.3968
072420BK-01 580	247.2218	6184.089	1.623184	16.63125	3.121396	0.745279	3.385045	0.09346	1.039785	0.30717	575.9667	5.729071	565.4815	14.6784	524.4606	70.65947	2043.325	12.89419	109.8208
072420BK-01 581	470.651	18293.18	2.047807	13.96089	1.086983	1.555767	1.73431	0.15911	0.943769	0.544176	951.8315	8.35138	952.7872	10.72003	955.8659	29.73886	2457.848	12.5905	99.57793
072420BK-01 582	376.9882	26945.62	2.323404	9.61148	0.95532	4.209717	1.346282	0.294612	0.933592	0.693459	1664.536	13.69578	1675.916	11.04643	1690.981	17.88933	2511.835	11.55415	98.43611
072420BK-01 583	116.2242	11693.61	1.723382	10.74364	1.412269	3.327478	2.008125	0.262151	0.966008	0.48105	1500.836	12.9342	1487.521	15.67962	1469.397	33.42639	2613.018	9.093213	102.1396
072420BK-01 584	430.4811	9136.54	2.305389	17.65489	2.340876	0.52402	2.650746	0.068977	0.936669	0.35336	429.9917	3.89621	427.8333	9.254804	417.1752	55.41225	2666.188	11.82175	103.0722
072420BK-01 585	78.46668	6603.353	1.227128	9.939255	1.843738	3.857979	2.375653	0.283719	0.971285	0.408849	1610.063	13.83832	1604.937	19.15882	1599.012	40.46338	2683.622	15.44951	100.6911
072420BK-01 586	508.3328	16961.89	2.032109	17.17992	2.554197	0.610918	2.716803	0.077184	0.761684	0.28036	479.2934	3.518286	484.1389	10.46196	508.1224	57.37741	2684.864	23.84385	94.32636
072420BK-01 587	501.2718	9751.409	2.887692	17.67529	2.294952	0.529801	2.759968	0.069694	0.820434	0.297262	434.3091	3.445841	431.6774	9.705657	418.608	58.86227	2699.306	15.83502	103.7508
072420BK-01 588	110.8125	8675.275	1.752528	11.93274	3.951035	2.385667	4.176443	0.210579	0.852375	0.204091	1231.904	9.558108	1238.311	29.8901	1250.324	80.03305	2720.424	36.00228	98.52674
072420BK-01 589	969.2633	116494.1	116.2188	9.924594	0.740161	3.832315	1.168575	0.276123	0.898333	0.768742	1571.805	12.53042	1599.559	9.410331	1637.106	13.87994	2731.124	11.77083	96.01117
072420BK-01 590	319.2385	21552.41	2.923223	13.53927	1.502924	1.728949	1.748958	0.171154	0.790582	0.45203	1018.464	7.44796	1019.36	11.25159	1022.146	31.57679	2741.264	10.81237	99.63971
072420BK-01 591	101.7072	13131.08	1.827743	9.850543	1.867672	4.030029	2.051198	0.290119	0.804288	0.392107	1642.124	11.65942	1640.276	16.68839	1638.699	35.03562	2751.09	10.54085	100.209
072420BK-01 592	330.0435	25396.06	1.48036	9.623348	0.814209	3.926439	1.144666	0.274831	0.76552	0.668772	1565.279	10.6387	1619.147	9.263742	1690.685	15.69549	2768.084	11.32565	92.58253
072420BK-01 593	85.72025	2581.694	0.647524	14.78718	6.133213	0.711636	6.826376	0.083011	1.286489	0.188458	514.0688	6.356616	545.7174	28.82593	681.0749	143.3606	2773.335	12.91431	75.47904
072420BK-01 596	231.2268	19714.74	1.437751	10.59874	1.251769	3.397992	1.468904	0.262435	0.531908	0.362112	1502.29	7.128005	1503.933	11.52417	1507.054	25.86413	2843.323	12.39539	99.68386
072420BK-01 597	307.2907	29647.63	2.205658	8.411754	0.592929	5.743397	0.861511	0.350756	0.54521	0.632853	1938.209	9.126628	1937.923	7.450553	1938.38	11.93455	2855.247	17.14171	99.99114
072420BK-01 598	153.5932	12295.73	0.520611	9.782298	1.206753	3.943315	1.437786	0.282077	0.56288	0.391491	1601.816	7.983403	1622.619	11.64625	1650.495	24.52759	2938.662	13.35966	97.05064
072420BK-01 599	323.3578	21255.23	15.26846	13.19697	0.909238	1.724629	1.567523	0.166077	1.045607	0.667044	990.4601	9.59996	1017.751	10.07503	1077.796	23.42268	3000.697	15.69828	91.89684
072420BK-01 600	218.039	18965.55	1.29791	10.60829	0.843376	3.443118	1.120166	0.266238	0.591137	0.527723	1521.676	8.012365	1514.298	8.814288	1504.803	17.97782	3224.705	10.20833	101.1213

Sample: 071319BK-01

				Isotope ratios						Apparent ages (Ma)								
Analysis	U (ppm)	206Pb 204Pb	U/Th	206Pb* 207Pb*	± (%)	207Pb* 235U	± (%)	206Pb* 238U	± (%)	error corr.	206Pb* 238U	± (Ma)	207Pb* 235U	± (Ma)	206Pb* 207Pb*	± (Ma)	Best age (Ma)	± (Ma)	Conc (%)
071319BK-01-1	710.3363	27995.88	1.659471	16.66118	1.195888	0.813338	1.470649	0.099114	0.716941	0.4875	609.2172	4.167696	604.3251	6.697884	586.958	27.84173	609.2172	4.167696	103.7923
071319BK-01-2	136.7242	15938.33	2.823729	13.5498	2.203932	1.774868	2.534071	0.176517	0.76628	0.302391	1047.918	7.411292	1036.303	16.45926	1012.742	48.96551	1012.742	48.96551	103.4733
071319BK-01-3	80.02293	15855.26	0.761613	5.665561	0.889868	11.87925	1.229674	0.490841	0.796407	0.647657	2574.312	16.903	2594.931	11.51694	2611.777	15.59919	2611.777	15.59919	98.56553
071319BK-01-4	536.2071	44957.52	1.728342	12.74579	0.83488	1.956314	2.237172	0.181784	2.068645	0.92467	1076.716	20.51276	1100.618	15.03311	1149.065	16.90281	1149.065	16.90281	93.7036
071319BK-01-5	220.8048	5181.976	4.796465	16.73347	3.931549	0.606044	5.137646	0.077265	0.929285	0.180878	479.7755	4.296612	481.0623	19.68772	488.1823	111.5603	479.7755	4.296612	98.27795
071319BK-01-6	134.0979	20344.24	0.781416	8.341504	1.033181	5.769293	1.296925	0.351366	0.739137	0.569915	1941.116	12.38882	1941.815	11.22385	1943.323	19.05731	1943.323	19.05731	99.88642
071319BK-01-7	338.7668	23327.15	2.151181	15.33001	1.627964	1.201202	1.885523	0.134987	0.737628	0.391206	816.2506	5.655298	801.141	10.448	760.2516	36.59436	816.2506	5.655298	107.3659
071319BK-01-8	617.1342	18635.44	3.616588	17.73051	1.46611	0.572179	1.683534	0.074707	0.706498	0.419652	464.453	3.165932	459.4228	6.221385	435.2936	34.03038	464.453	3.165932	106.6988
071319BK-01-9	225.3336	5192.918	1.810897	16.06011	5.083874	0.536006	5.408914	0.065447	0.853257	0.15775	408.6694	3.378769	435.788	19.16763	582.6683	116.0499	408.6694	3.378769	70.13758
071319BK-01-10	773.6508	24759.69	3.022666	17.74977	1.864163	0.550886	2.090079	0.071757	0.773387	0.370028	446.7299	3.337958	445.577	7.538458	440.5756	43.22448	446.7299	3.337958	101.3969
071319BK-01-11	114.0502	4753.085	2.574168	14.35594	6.776313	0.697608	8.047649	0.076055	0.881408	0.109524	472.5322	4.015949	537.361	33.59164	823.8548	167.2156	472.5322	4.015949	57.35624
071319BK-01-12	242.8305	4099.366	1.830576	16.40655	6.079856	0.359998	7.728092	0.045561	0.914211	0.118297	287.2093	2.568067	312.213	20.7742	504.3448	169.0648	287.2093	2.568067	56.94701
071319BK-01-13	372.1411	6446.777	4.101484	17.44791	2.7782	0.535414	3.723643	0.070653	0.748779	0.201088	440.0911	3.185342	435.3961	13.18519	411.5909	81.57851	440.0911	3.185342	106.9244
071319BK-01-14	796.1073	18012.38	1.139343	17.86199	1.61254	0.547827	1.876706	0.07213	0.752661	0.401054	448.9746	3.264266	443.5721	6.74456	416.5943	38.4307	448.9746	3.264266	107.7726
071319BK-01-15	166.9038	3018.94	2.669869	16.21844	5.663795	0.473049	7.617014	0.060462	2.791289	0.366455	378.4337	10.25911	393.2927	24.84221	482.5966	156.7085	378.4337	10.25911	78.41616
071319BK-01-16	147.0686	2705.698	2.25972	15.48235	6.00763	0.516573	8.881212	0.06336	3.234195	0.364161	396.0298	12.42289	422.8593	30.72578	572.8315	180.1799	396.0298	12.42289	69.13548
071319BK-01-17	678.4016	75375.12	2.076801	9.114973	0.664029	4.772762	0.998425	0.316561	0.743333	0.744506	1772.911	11.52175	1780.119	8.381879	1789.357	12.14241	1789.357	12.14241	99.08092
071319BK-01-18	282.275	61204.76	1.817191	9.414855	0.791319	4.42192	1.074715	0.303311	0.720153	0.670088	1707.708	10.80399	1716.454	8.90004	1727.923	14.64375	1727.923	14.64375	98.83009
071319BK-01-19	1305.083	30236.03	6.008934	13.64006	0.741025	1.569789	1.101699	0.156679	0.719854	0.653403	938.2922	6.285784	958.3426	6.833499	1005.513	16.91715	1005.513	16.91715	93.31479
071319BK-01-20	276.4946	23450.97	3.236697	10.83521	0.971811	3.187752	1.229034	0.252739	0.724254	0.589287	1452.584	9.419347	1454.195	9.499704	1457.36	18.88277	1457.36	18.88277	99.67225
071319BK-01-21	74.56548	5496.561	1.385916	13.44828	2.296326	1.761104	2.848972	0.178411	0.843378	0.296029	1058.286	8.231238	1031.254	18.45305	975.2425	55.46375	975.2425	55.46375	108.5152
071319BK-01-22	229.5076	4615.497	2.563394	16.32654	6.736925	0.371424	8.115432	0.046438	1.098887	0.135407	292.6129	3.1436	320.708	22.32078	531.0944	176.3987	292.6129	3.1436	55.09621
071319BK-01-23	135.1455	3882.006	1.382177	16.24263	6.063901	0.550646	7.781459	0.069174	1.130215	0.145245	431.179	4.713847	445.4199	28.06477	520.5914	169.1869	431.179	4.713847	82.82485
071319BK-01-24	442.9366	14519.47	2.357377	17.89038	2.294924	0.56778	2.588381	0.075137	0.779198	0.301037	467.0287	3.510382	456.5778	9.51844	405.2634	55.24876	467.0287	3.510382	115.2408
071319BK-01-25	186.0943	7330.861	2.120643	16.56569	4.762658	0.58287	4.995147	0.07239	0.853784	0.170923	450.5382	3.715282	466.3043	18.679	545.6401	107.5983	450.5382	3.715282	82.57059
071319BK-01-26	18.91981	560.6101	2.377545	8.248611	19.90569	1.1342	24.06932	0.085071	4.257897	0.176901	526.3187	21.51975	769.7537	130.5972	1562.131	450.7155	1562.131	450.7155	33.69236
071319BK-01-27	243.4891	27074.45	2.383127	11.31658	1.042084	2.875158	1.304057	0.237049	0.71559	0.548742	1371.339	8.839638	1375.424	9.82454	1382.591	20.94429	1382.591	20.94429	99.18614
071319BK-01-28	224.1099	28850.62	1.619645	8.531955	0.746742	5.585151	1.053967	0.34652	0.718355	0.681572	1917.96	11.91717	1913.812	9.076902	1910.085	13.84745	1910.085	13.84745	100.4123
071319BK-01-29	337.1115	47030.8	3.574994	9.107451	0.723018	4.856971	1.066625	0.321235	0.750468	0.703591	1795.758	11.76234	1794.824	8.981427	1794.515	13.80045	1794.515	13.80045	100.0693
071319BK-01-30	296.6108	23412.4	0.819247	12.55405	1.285802	2.061275	1.592887	0.189017	0.867381	0.544534	1116.049	8.88877	1136.043	10.89093	1175.322	26.43301	1175.322	26.43301	94.95683
071319BK-01-31	282.9172	10278.95	2.045309	17.19105	3.364537	0.534627	3.900449	0.068236	0.95913	0.245903	425.5206	3.949513	434.8756	13.7981	485.6651	83.5072	425.5206	3.949513	87.61606
071319BK-01-32	1667.399	41664.42	2.626886	16.04832	0.717644	0.655871	1.382709	0.076672	1.145981	0.828795	476.2279	5.260773	512.0855	5.561053	676.4753	16.53333	476.2279	5.260773	70.39841
071319BK-01-33	245.811	30263.58	2.187138	12.02297	1.606322	2.41983	1.762192	0.211931	0.689434	0.391236	1239.096	7.771897	1248.506	12.66153	1265.603	31.65387	1265.603	31.65387	97.90557
071319BK-01-34	820.8084	21005.03	1.86276	17.75132	1.577991	0.546209	1.916286	0.071111	0.857571	0.447517	442.8429	3.670185	442.5104	6.873654	441.7277	38.12096	442.8429	3.670185	100.2525
071319BK-01-35	384.5099	38308.15	1.447378	9.38361	0.948794	4.482913	1.365948	0.306236	0.968577	0.709088	1722.158	14.63821	1727.813	11.34047	1735.452	17.6641	1735.452	17.6641	99.23398
071319BK-01-36	242.3406	15086.7	1.138109	9.812965	0.978023	4.007633	1.283569	0.287962	0.80456	0.626815	1631.338	11.59603	1635.745	10.43085	1642.207	18.56181	1642.207	18.56181	99.33815
071319BK-01-37	307.2905	11657.57	16.12285	15.27366	2.015365	1.149868	2.306984	0.129902	0.895544	0.388188	787.3037	6.637108	777.1805	12.52947	749.1128	44.91824	787.3037	6.637108	105.0981
071319BK-01-38	274.4475	6407.376	1.321216	17.54035	3.101809	0.521981	4.299086	0.069206	0.945907	0.220025	431.368	3.946817	426.474	14.97211	401.0638	93.98877	431.368	3.946817	107.556
071319BK-01-39	476.5112	10459.8	0.905751	17.65776	2.774671	0.540256	3.244376	0.070975	0.948839	0.292457	442.0297	4.053585	438.5932	11.55544	421.5452	69.24688	442.0297	4.053585	104.8594
071319BK-01-40	2099.133	64632.42	1.836066	9.391091	0.804398	3.545132	1.615216	0.242084	1.397512	0.865217	1397.522	17.5586	1537.348	12.79291	1736.138	14.85111	1736.138	14.85111	80.49603
071319BK-01-41	1117.451	50413.2	11.29025	13.97416	0.814624	1.44637	2.76689	0.146911	2.627266	0.949537	883.6271	21.6945	908.3672	16.61185	969.8952	17.71804	969.8952	17.71804	91.10542
071319BK-01-42	93.07948	6218.827	2.096324	10.94447	1.775937	3.141536	2.121446	0.255625	0.970116	0.45729	1467.419	12.73168	1442.927	16.34105	1407.83	36.12087	1407.83	36.12087	104.2326
071319BK-01-43	2452.578	14639.17	2.509775	17.65161	0.941456	0.402799	1.463718	0.052488	1.09003	0.7447	329.777	3.504271	343.6762	4.26759	439.7055	21.73731	329.777	3.504271	74.99952
071319BK-01-44	609.8656	70841.44	6.374073	9.841978	0.562593	4.043679	0.830827	0.289182	0.609337	0.73341	1637.441	8.811171	1643.028	6.763577	1650.973	10.47023	1650.973	10.47023	99.18039
071319BK-01-45	209.771	28910.06	1.7887	8.507539	0.661594	5.634762	0.947253	0.349044	0.658914	0.695605	1930.03	10.99009	1921.432	8.168744	1912.934	12.21453	1912.934	12.21453	100.8937
071319BK-01-46	120.9622	9347.265	2.728293	14.26151	3.649432	1.513129	3.954311	0.160437	0.748193	0.189209	959.2028	6.668281	935.7046	24.17931	881.6523	80.35965	881.6523	80.35965	108.796
071319BK-01-47	170.29	18101.97	1.062756	9.895984	0.991861	4.034135	1.264814	0.292771	0.666606	0.527039	1655.363	9.731831	1641.104	10.29194	1623.677	19.99567	1623.677	19.99567	101.9515
071319BK-01-48	422.3106	44816.43	1.995901	10.59798	0.617961	3.429063	0.915161	0.265382	0.653163	0.713714	1517.317	8.830584	1511.081	7.194459	1503.157	12.11512	1503.157	12.11512	100.942
071319BK-01-49	401.4131	28309.57	2.015128	13.96271	0.910509	1.553331	1.19397	0.159109	0.634066	0.531057	951.8243	5.610784	951.8186	7.375436	952.7003	20.69619	952.7003	20.69619	99.90805
071319BK-01-50	193.5745	7736.227	3.026716	16.91027	3.779223	0.601317	4.322847	0.076567	0.913408	0.211298	475.5985	4.187773	478.069	16.48405	490.8771	93.2482	475.5985	4.187773	96.88748
071319BK-01-51	641.1406	21097.99	2.536059	17.79667	2.001671	0.533519	2.127257	0.070085	0.670949	0.315406	436.6673	2.832789	434.1422	7.514819	421.7184	45.0852	436.6673	2.832789	103.5447
071319BK-01-52	996.1276	16504.09	1.677115	18.14981	1.375451	0.468025	1.529676	0.062941	0.609294	0.398316	393.4877	2.325791	389.824	4.951863	369.1004	31.61088	393.4877	2.325791	106.6072
071319BK-01-53	394.0669	45780.56	2.361276	8.098386	0.554446	6.138083	0.898677	0.363261	0.686254	0.763627	1997.612	11.78809	1995.679	7.846815	1994.437	10.31309	1994.437	10.31309	100.1592
071319BK-01-54	2139.731	46642.76	2.775892	17.98758	0.638585	0.522836	1.053354	0.069014	0.716332	0.680048	430.214	2.981176	427.044	3.672135	410.9238	17.27099	430.214	2.981176	104.6944
071319BK-01-55	616.8127	50960.95	1.997991	12.87612	0.916202	2.023018	1.136888	0.190593	0.662293	0.582549	1124.586	6.834584	1123.273	7.725292	1121.623	18.42599	1121.623	18.42599	100.2642
071319BK-01-56	584.8309	27117.15	1.461405	16.27702	1.46136	0.871423	1.625651	0.104317	0.661195	0.406726	639.6596	4.026336	636.3398	7.686396	625.4859	32.01122	639.6596	4.026336	102.266
071319BK-01-57	706.5917	28343.88	1.615871	16.91266	1.378387	0.714914	1.742032	0.088921	0.860167	0.493772	549.1555	4.528049	547.66	7.374033	542.3736	33.11736	549.1555	4.528049	101.2504
071319BK-01-58	234.0828	23619.39	2.031292	8.248032	1.021155	4.673985	4.363108	0.282385	4.229812	0.969449	1603.364	60.04478	1762.595	36.51003	1957.65	19.10641	1957.65	19.10641	81.90246
071319BK-01-59	218.0155	21244.65	1.001916	8.344475	0.732767	5.651795	1.049286	0.345638	0.728632	0.694407	1913.738	12.06481	1924.036	9.052798	1935.912	13.5133	1935.912	13.5133	98.8546
071319BK-01-60	265.6335	28442.71	2.060301	8.511046	0.748938	5.523814	1.084537	0.343879	0.73559	0.678252	1905.304	12.13389	1904.309	9.324469	1903.991	14.31754	1903.991	14.31754	100.069
071319BK-01-61	208.4469	9159.48	4.961293	15.18876	2.945454	0.908965	3.890714	0.10304	1.068903	0.274732	632.1974	6.436791	656.5073	18.813	741.8581	79.1674	632.1974	6.436791	85.2181
071319BK-01-62	240.7239	18194.56	2.643116	12.61025	1.466191	2.146184	1.652613	0.199115	0.704936	0.426558	1170.565	7.545904	1163.822	11.44728	1152.142	29.69294	1152.142	29.69294	101.599
071319BK-01-63	743.1743	22392.81	3.180466	17.66588	1.300961	0.556496	1.851338	0.072452	0.713706	0.385508	450.914	3.108228	449.2434	6.721034	441.6461	38.00099	450.914	3.108228	102.0985
071319BK-01-64	223.7378	5496.195	0.57469	15.76465	4.577974	0.56886	5.370894	0.068121	0.94436	0.175829	424.825	3.882541	457.2772	19.77665	624.7477	114.0682	424.825	3.882541	67.99945
071319BK-01-65	651.8049	54744.56	2.74686	8.003071	0.783953	6.226325	1.169591	0.363553	0.84901	0.725904	1998.993	14.59243	2008.154	10.23276	2018.346	14.26159	2018.346	14.26159	99.04118
071319BK-01-66	367.1233	7505.574	2.044561	17.79554	1.806386	0.532067	2.870956	0.071417	1.160809	0.404328	444.6899	4.987982	433.1805	10.12417	373.3905	59.10484	444.6899	4.987982	119.0951
071319BK-01-67	144.7048	17002.46	1.341775	5.353202	0.838572	13.53047	1.197679	0.529422	0.851085	0.710612	2739.017	18.99183	2717.417	11.32456	2702.102	13.91297	2702.102	13.91297	101.3661
071319BK-01-68	160.8922	5666.085	3.834034	13.76916	1.882167	1.554221	2.427557	0.161437	0.869057	0.357996	964.7558	7.787052	952.1725	14.99979	924.1174	46.58217	924.1174	46.58217	104.3975
071319BK-01-69	350.8108	5094.43	1.81782	18.19882	3.08619	0.500513	5.040944	0.070006	0.895423	0.17763	436.1934	3.776567	412.0494	17.0749	279.9668	113.6055	436.1934	3.776567	155.8018
071319BK-01-70	109.8972	7738.131	2.067285	9.569314	1.720815	4.215224	1.983166	0.298604	0.850329	0.428773	1684.382	12.60446	1676.988	16.27698	1668.537	33.14013	1668.537	33.14013	100.9496
071319BK-01-71	217.7275	8862.963	2.168354	13.04184	1.8223	1.912734	2.103316	0.185415	0.864158	0.410855	1096.489	8.713373	1085.538	14.02542	1064.52	38.57715	1064.52	38.57715	103.0032

071319BK-01-72	209.4244	4306.662	2.532863	16.63737	5.378193	0.561689	6.549516	0.072058	0.949657	0.144996	448.5411	4.114787	452.625	23.92328	474.3974	143.4599	448.5411	4.114787	94.54967
071319BK-01-73	94.37603	16423.7	1.203507	9.490401	2.104709	4.824396	2.302129	0.335846	0.763619	0.331701	1866.653	12.37595	1789.161	19.36441	1700.746	40.00879	1700.746	40.00879	109.755
071319BK-01-74	281.566	21607.45	2.603003	13.27633	1.590625	1.790713	1.847204	0.174756	0.685394	0.371044	1038.265	6.572699	1042.085	12.03583	1050.999	34.57397	1050.999	34.57397	98.78834
071319BK-01-75	406.6247	28416.7	4.101629	11.80817	1.018066	2.205913	1.623341	0.190676	1.23206	0.758966	1125.035	12.71899	1182.918	11.34212	1291.197	20.56817	1291.197	20.56817	87.13118
071319BK-01-76	134.7202	14040.63	1.647387	10.76309	1.515501	3.331767	1.786707	0.26378	0.908216	0.508318	1509.151	12.22019	1488.527	13.95469	1460.075	29.25024	1460.075	29.25024	103.3612
071319BK-01-77	556.3488	17393.88	1.53238	17.85473	2.203129	0.562189	2.410026	0.074159	0.74756	0.310187	461.1648	3.327057	452.9503	8.806664	412.4212	51.24153	461.1648	3.327057	111.8189
071319BK-01-78	308.8393	8423.122	2.238646	17.48005	1.794349	0.567086	2.29271	0.074389	0.847834	0.369795	462.542	3.784202	456.1283	8.424521	424.89	47.53777	462.542	3.784202	108.8616
071319BK-01-79	533.1468	36592.13	2.554296	10.51734	0.748384	2.972938	1.019319	0.228323	0.676925	0.664095	1325.702	8.111397	1400.727	7.745023	1517.646	14.37432	1517.646	14.37432	87.35247
071319BK-01-80	88.01886	11621.66	0.731221	8.344169	1.6565	5.880096	1.885014	0.360285	0.828789	0.439672	1983.526	14.15074	1958.301	16.35958	1932.505	30.31721	1932.505	30.31721	102.6401
071319BK-01-81	256.0558	49469.4	1.4389	7.86542	0.727016	6.688466	1.032684	0.383402	0.730911	0.707778	2092.157	13.05839	2071.098	9.122121	2050.969	12.88511	2050.969	12.88511	102.0082
071319BK-01-82	1465.712	43407.29	2.333172	17.85446	0.939209	0.555097	1.232447	0.072514	0.782721	0.635095	451.2813	3.41147	448.3299	4.466962	434.166	21.21679	451.2813	3.41147	103.9421
071319BK-01-83	346.1049	1565.758	2.267293	15.6465	5.598237	0.578413	16.37502	0.077045	1.100267	0.067192	478.4621	5.073743	463.4412	61.003	390.6273	368.8325	478.4621	5.073743	122.4856
071319BK-01-84	478.1093	18119.97	2.427083	17.91895	2.320633	0.530067	2.637302	0.070113	0.818579	0.310385	436.8364	3.457385	431.8542	9.277313	406.3167	56.12844	436.8364	3.457385	107.5113
071319BK-01-85	412.8689	23849.57	2.123943	16.39561	1.30322	0.87987	1.741245	0.106007	0.820506	0.471218	649.5177	5.069642	640.9123	8.27542	611.6169	33.20952	649.5177	5.069642	106.1968
071319BK-01-86	338.3478	40909.61	4.172182	8.5044	0.767959	5.539593	1.097556	0.343702	0.766729	0.698579	1904.453	12.6427	1906.762	9.440527	1910.042	14.10063	1910.042	14.10063	99.70742
071319BK-01-87	613.632	55592.22	3.435068	13.54103	0.863383	1.745904	1.202005	0.172595	0.790557	0.657698	1026.392	7.501208	1025.649	7.760322	1024.926	18.31873	1024.926	18.31873	100.1431
071319BK-01-88	188.4843	44079.25	2.234124	8.065219	0.928904	6.058911	1.206501	0.356382	0.762189	0.631735	1965.003	12.90968	1984.354	10.51551	2005.332	16.60382	2005.332	16.60382	97.98894
071319BK-01-89	91.6497	20062.98	1.191387	8.648283	1.798751	5.453957	2.008102	0.345871	0.795444	0.396117	1914.851	13.17768	1893.378	17.23229	1870.685	33.26075	1870.685	33.26075	102.3609
071319BK-01-90	105.2199	18696.2	1.285383	8.140772	1.173379	6.045192	1.426854	0.361644	0.766643	0.537296	1989.961	13.1259	1982.378	12.43221	1975.238	21.43991	1975.238	21.43991	100.7453
071319BK-01-91	433.1825	12107.83	2.37062	17.97499	2.165551	0.521632	2.477908	0.07002	0.804856	0.324813	436.279	3.395231	426.2412	8.625422	373.2752	52.74148	436.279	3.395231	116.8786
071319BK-01-92	150.5398	3291.193	1.674801	16.4161	4.280268	0.54459	6.496705	0.070428	1.241381	0.191079	438.7335	5.265154	441.4465	23.26246	456.586	141.6105	438.7335	5.265154	96.09
071319BK-01-93	393.0145	10517.24	1.188744	18.0136	2.969962	0.528613	3.690562	0.071353	0.774486	0.209856	444.304	3.325166	430.889	12.95945	360.7403	81.41112	444.304	3.325166	123.1645
071319BK-01-94	108.0724	15678.12	2.139382	8.186617	0.924165	5.814384	1.732992	0.350958	1.46148	0.843327	1939.171	24.4752	1948.556	15.01534	1959.308	16.62261	1959.308	16.62261	98.97224
071319BK-01-95	191.28	3779.885	2.12893	16.39354	6.215545	0.3774	6.788627	0.047252	1.970222	0.290224	297.6294	5.730653	325.123	18.88876	527.9637	142.5147	297.6294	5.730653	56.37308
071319BK-01-96	231.2185	16379.34	2.190276	11.57082	0.919388	2.646369	1.577617	0.221293	1.057551	0.670347	1288.704	12.35288	1313.634	11.62627	1355.377	22.57546	1355.377	22.57546	95.08088
071319BK-01-97	160.7496	45257.12	1.594054	5.342734	0.676873	13.45024	0.971546	0.502958	0.695588	0.715959	2626.495	15.00568	2711.794	9.182486	2776.681	11.118	2776.681	11.118	94.5912
071319BK-01-98	168.4477	21254.51	2.36466	8.066289	0.974083	6.349809	1.226303	0.367357	0.737745	0.601601	2016.95	12.77706	2025.359	10.75792	2034.694	17.33173	2034.694	17.33173	99.12792
071319BK-01-99	400.9728	43167.16	2.12327	9.919315	0.768631	3.979847	1.062984	0.282605	0.723561	0.680689	1604.471	10.27736	1630.095	8.626161	1664.109	14.41036	1664.109	14.41036	96.4162
071319BK-01-100	459.4065	50015.98	1.950914	8.64442	0.712689	5.4048	1.069726	0.334184	0.792713	0.741043	1858.63	12.79985	1885.615	9.166177	1916.231	12.885	1916.231	12.885	96.99403
071319BK-01-101	508.4092	69137.72	4.595644	9.397025	0.773818	4.536344	1.053774	0.304762	0.708367	0.672219	1714.88	10.66613	1737.66	8.767402	1765.97	14.25321	1765.97	14.25321	97.10699
071319BK-01-102	197.4507	8450.229	3.745959	14.00579	1.945765	1.4432	3.029771	0.150787	0.853612	0.281742	905.3725	7.210204	907.0504	18.17413	912.0134	59.85055	912.0134	59.85055	99.27185
071319BK-01-103	145.0011	18425.75	1.583312	8.535852	0.999778	5.622067	1.286873	0.344596	0.691726	0.537525	1908.742	11.42802	1919.488	11.09392	1931.878	19.43168	1931.878	19.43168	98.80241
071319BK-01-104	318.2819	36090.77	1.688165	11.65578	1.155208	2.793418	1.350458	0.233403	0.65613	0.485857	1352.309	8.00404	1353.777	10.09789	1356.918	22.75745	1356.918	22.75745	99.6603
071319BK-01-105	387.3606	26174.9	14.47021	13.56594	0.812982	1.756473	1.270589	0.171304	0.763946	0.601253	1019.29	7.202416	1029.55	8.221142	1052.31	20.47631	1052.31	20.47631	96.86219
071319BK-01-106	415.6809	31262.9	2.304394	8.545283	0.599239	5.540081	0.853342	0.339077	0.598975	0.701916	1882.228	9.777325	1906.838	7.339962	1934.483	10.8794	1934.483	10.8794	97.29879
071319BK-01-107	1035.616	126973.2	0.676831	5.940163	0.555773	11.24965	0.864285	0.477143	0.661323	0.765167	2514.811	13.77078	2544.04	8.059562	2568.14	9.305503	2568.14	9.305503	97.92344
071319BK-01-108	471.5957	58510.2	1.789556	8.241022	0.630567	5.935138	0.978059	0.351118	0.745309	0.762029	1939.937	12.48577	1966.392	8.499252	1995.105	11.25618	1995.105	11.25618	97.23485
071319BK-01-109	543.4126	18341.05	1.327884	17.76595	2.207749	0.481414	2.359719	0.062159	0.685706	0.290588	388.7444	2.586861	399.0423	7.786472	460.0902	50.07822	388.7444	2.586861	84.49309
071319BK-01-110	98.35374	11952.28	1.87875	9.817033	1.251338	4.210376	1.606376	0.299534	0.600305	0.373701	1688.995	8.919661	1676.044	13.18115	1660.658	27.58767	1660.658	27.58767	101.7064
071319BK-01-111	433.8268	18183.31	1.646869	15.95661	1.218664	0.885613	1.558323	0.102553	0.681194	0.437133	629.3546	4.084499	644.0098	7.431673	696.6509	29.86385	629.3546	4.084499	90.34002
071319BK-01-112	95.98419	10344.13	2.308184	10.96271	2.134393	3.100603	2.656185	0.247199	0.786903	0.296253	1424.015	10.05427	1432.842	20.396	1446.785	48.31921	1446.785	48.31921	98.42619
071319BK-01-113	99.20066	4486.626	1.837059	14.98926	6.161903	0.653499	7.7587	0.073482	1.482206	0.191038	457.0994	6.540532	510.6296	31.14555	758.9807	160.863	457.0994	6.540532	60.22543
071319BK-01-114	248.2655	6150.542	2.084407	17.19496	2.738576	0.556622	3.438728	0.070764	0.879052	0.255633	440.758	3.745007	449.3253	12.4861	494.3964	73.31864	440.758	3.745007	89.15071
071319BK-01-115	172.6684	10967.81	1.414245	10.41971	0.902163	3.469024	1.219315	0.259783	0.772594	0.63363	1488.732	10.27035	1520.201	9.610667	1565.096	17.68178	1565.096	17.68178	95.1208
071319BK-01-116	334.9402	9130.345	4.162354	17.657	2.424736	0.589173	3.075226	0.075924	0.71873	0.233716	471.7446	3.269483	470.3397	11.57704	464.4545	66.28258	471.7446	3.269483	101.5696
071319BK-01-117	610.7858	16663.16	2.504248	18.34114	1.74718	0.4558	4.524472	0.060261	4.140381	0.915108	377.2156	15.17002	381.3326	14.38465	407.3558	40.82632	377.2156	15.17002	92.60103
071319BK-01-118	153.2754	18225.01	1.404361	6.127682	0.631044	10.73414	0.942985	0.471624	0.615421	0.65263	2490.678	12.71422	2500.383	8.759141	2508.996	12.01491	2508.996	12.01491	99.26994
071319BK-01-119	288.0003	16415.59	4.724608	16.43412	1.905469	0.820702	2.272653	0.098408	0.723267	0.318248	605.0747	4.177199	608.4399	10.40219	621.9089	46.4732	605.0747	4.177199	97.29314
071319BK-01-120	668.5227	68996.31	10.34675	8.893106	0.58193	4.625288	0.923858	0.296285	0.698838	0.756435	1672.861	10.29686	1753.843	7.713251	1852.522	10.9227	1852.522	10.9227	90.30184
071319BK-01-121	138.694	27822.99	1.84537	9.365488	1.03309	4.58147	1.282136	0.309948	0.740125	0.57726	1740.453	11.2891	1745.903	10.68652	1753.214	19.15841	1753.214	19.15841	99.27214
071319BK-01-122	42.45995	5835.369	1.484832	9.560279	4.730828	4.158728	4.832044	0.292446	0.822918	0.170304	1653.739	12.00351	1665.929	39.57295	1682.112	87.96363	1682.112	87.96363	98.31323
071319BK-01-123	541.4443	13502.11	1.582493	17.47212	1.917105	0.563457	2.658082	0.071975	0.662056	0.249073	448.0412	2.865547	453.774	9.727166	483.9027	56.86694	448.0412	2.865547	92.58911
071319BK-01-124	193.3478	39246.32	1.134455	7.49857	0.756839	6.85975	1.369229	0.368018	1.135124	0.829024	2020.068	19.68521	2093.471	12.13462	2167.182	13.34867	2167.182	13.34867	93.21173
071319BK-01-125	257.0303	8160.047	3.7425	17.05704	3.499414	0.583967	4.278313	0.073315	0.747787	0.174786	456.0952	3.292763	467.0079	16.01699	521.9503	92.45212	456.0952	3.292763	87.38288
071319BK-01-126	232.5509	27092.13	2.142503	9.852223	0.953988	4.111485	1.289053	0.290534	0.84735	0.657343	1644.195	12.29726	1656.587	10.52853	1673.123	17.9564	1673.123	17.9564	98.27101
071319BK-01-127	31.70926	2943.476	0.511456	9.728702	3.960602	3.899033	5.273848	0.284206	0.989147	0.187557	1612.511	14.11166	1613.482	42.64413	1615.545	96.531	1615.545	96.531	99.81217
071319BK-01-128	189.5036	21508.21	2.288138	10.93983	0.941526	3.303224	1.258828	0.26132	0.553021	0.439314	1496.59	7.385962	1481.814	9.811922	1461.532	21.4929	1461.532	21.4929	102.3987
071319BK-01-129	276.7334	8654.754	2.523749	16.35842	3.037543	0.611473	3.466384	0.073846	0.882907	0.254706	459.2839	3.913968	484.4888	13.35629	606.4838	72.49828	459.2839	3.913968	75.72896
071319BK-01-130	299.8154	28521.39	2.993314	11.72952	0.782791	2.689395	1.01109	0.227818	0.556882	0.550774	1323.052	6.660937	1325.544	7.483886	1330.401	16.3311	1330.401	16.3311	99.44759
071319BK-01-131	899.4065	22367.87	1.634557	17.81358	1.606127	0.584147	1.747742	0.075593	0.642176	0.367432	469.7649	2.909422	467.1228	6.543947	455.103	36.07503	469.7649	2.909422	103.2217
071319BK-01-132	219.4496	25001.16	3.583111	12.38909	1.304067	2.346391	1.44979	0.210446	0.597422	0.412075	1231.192	6.695671	1226.463	10.32223	1219.034	25.95248	1219.034	25.95248	100.9973
071319BK-01-133	172.0221	16357.8	1.305945	8.714449	0.889857	5.284437	1.239466	0.332908	0.726974	0.586522	1852.463	11.70474	1866.352	10.5831	1882.624	18.08202	1882.624	18.08202	98.39794
071319BK-01-134	226.1466	8386.007	2.753528	16.77154	3.724949	0.558362	4.439528	0.069223	0.700918	0.157881	431.4739	2.925289	450.4597	16.15291	549.5235	95.77958	431.4739	2.925289	78.51781
071319BK-01-135	176.7679	22234.15	3.538759	7.884149	0.711482	6.527199	0.924048	0.371092	0.580913	0.628661	2034.537	10.1355	2049.574	8.136309	2065.489	12.66917	2065.489	12.66917	98.50149
071319BK-01-136	549.1354	45315.55	3.070484	11.47743	0.729091	2.76242	1.063957	0.228368	0.762662	0.716816	1325.938	9.140221	1345.446	7.932049	1377.425	14.26268	1377.425	14.26268	96.2621
071319BK-01-137	482.2654	29230.46	1.259341	5.401588	0.700433	10.83316	1.086137	0.420941	0.817177	0.75237	2264.749	15.6056	2508.916	10.09679	2713.589	11.80014	2713.589	11.80014	83.45955
071319BK-01-138	602.1685	2349.896	3.361171	16.74531	3.356816	0.53411	9.112009	0.071928	0.756876	0.083064	447.7578	3.273955	434.5337	32.22286	365.9943	205.0503	447.7578	3.273955	122.3401
071319BK-01-139	996.8975	29108.83	1.408748	17.98028	1.284173	0.558745	1.784569	0.072761	0.972966	0.545211	452.7665	4.254121	450.7095	6.495429	441.1755	33.29299	452.7665	4.254121	102.6273
071319BK-01-140	203.4895	8289.172	1.638803	15.89718	4.278562	0.608987	4.734335	0.071467	0.815013	0.172149	444.9888	3.504375	482.9213	18.19663	668.1649	99.86222	444.9888	3.504375	66.59864
071319BK-01-141	316.6903	27555.25	3.642466	13.87833	1.126995	1.6148	1.445635	0.162011	0.801814	0.554645	967.9444	7.206546	975.9736	9.065264	994.961	24.4407	994.961	24.4407	97.28466
071319BK-01-142	372.1986	50312.96	6.486213	8.676033	0.734981	5.463782	1.151909	0.340143	0.877938	0.762159	1887.358	14.36459	1894.923	9.887087	1903.986	13.39924	1903.986	13.39924	99.12667
071319BK-01-143	595.371	61932.37	3.539359	11.36602	0.757853	2.755405	1.090536	0.223418	0.765254	0.701723	1299.91	9.008804	1343.551	8.124707	1414.565	14.86056	1414.565	14.86056	91.89466
071319BK-01-144	338.2457	25099.63	0.99126	14.70822	1.578691	1.33249	1.825842	0.140636	0.605697	0.331736	848.2591	4.814195	859.9647	10.59139	891.1815	35.58124	848.2591	4.814195	95.18365
071319BK-01-145	115.8776	11005.01	1.643742	10.9596	1.472552	3.193171	1.785553	0.252413	0.771575	0.432121	1450.908	10.02445	1455.508	13.80731	1463.04	30.599	1463.04	30.599	99.17076
071319BK-01-146	291.2838	6436.639	1.613438	16.59965	3.033978	0.763496	3.451482	0.092905	0.577245	0.167246	572.6965	3.163271	576.0247	15.174	590.1144	73.83667	572.6965	3.163271	97.04838
071319BK-01-147	426.2336	29827.57	2.882908	11.0856	0.647778	3.068799	0.91209	0.241295	0.599883	0.657701	1393.425	7.517232	1424.936	6.985168	1473.139	13.03763	1473.139	13.03763	94.58883
071319BK-01-148	259.2581	35007.69	4.067581	8.685827	0.719642	4.952485	1.054396	0.304548	0.718254	0.681199	1713.823	10.80918	1811.249	8.907785	1926.03	13.83148	1926.03	13.83148	88.98213
071319BK-01-149	121.598	10849.66	1.356558	13.48059	2.348429	1.677933	2.882637	0.162481	0.684194	0.23735	970.5476	6.164722	1000.198	18.34181	1066.667	56.30961	1066.667	56.30961	90.98878
071319BK-01-150	544.4084	26361.56	2.196631	16.45522	1.279831	0.962202	1.53713	0.111621	0.817855	0.532066	682.1533	5.293987	684.4365	7.653698	692.8575	27.72841	682.1533	5.293987	98.45506
071319BK-01-151	196.8223	6064.515	3.852176	16.92191	3.627125	0.60059	3.88693	0.07481	0.841004	0.216367	465.0669	3.773478	477.6079	14.81035	539.2204	83.03629	465.0669	3.773478	86.24801
071319BK-01-152	159.5868	7284.186	2.038716	16.05421	5.072468	0.65912	5.368211	0.077192	0.941246	0.175337	479.3431	4.348138	514.0758	21.65769	672.5412	113.1248	479.3431	4.348138	71.27342
071319BK-01-153	512.0608	18366.78	14.5533	16.39063	2.164602	0.692934	2.410165	0.081259	0.679595	0.28197	503.6333	3.292381	534.5615	10.01711	669.776	49.49263	503.6333	3.292381	75.19429
071319BK-01-154	335.5835	28383.41	2.217156	11.33806	0.751544	3.012222	1.043176	0.239933	0.650062	0.623157	1386.347	8.108955	1410.718	7.952403	1448.53	15.53327	1448.53	15.53327	95.70718
071319BK-01-155	541.7059	99046.15	25.18087	5.541342	0.573645	11.57056	1.069425	0.45394	0.90149	0.842967	2412.744	18.14396	2570.297	9.99526	2697.711	9.502657	2697.711	9.502657	89.43672
071319BK-01-156	1062.665	6235.843	1.516368	11.42034	1.491417	2.768639	3.021976	0.229596	0.691887	0.228952	1332.382	8.328286	1347.123	22.54624	1371.43	56.61223	1371.43	56.61223	97.15278
071319BK-01-157	257.9264	19591.79	2.825314	12.95642	1.227808	2.033675	1.589772	0.188186	0.848886	0.533968	1111.54	8.667036	1126.847	10.82165	1157.312	26.68293	1157.312	26.68293	96.04498
071319BK-01-158	385.0467	39696.12	2.1287	10.77984	0.843952	3.337914	1.17149	0.25554	0.793914	0.677696	1466.982	10.41646	1489.967	9.153232	1523.634	16.23569	1523.634	16.23569	96.28178
071319BK-01-159	165.1882	12016.62	1.880884	13.52382	1.736338	1.827197	2.109733	0.178828	0.819689	0.388527	1060.57	8.01591	1055.273	13.84566	1045.227	39.23223	1045.227	39.23223	101.4679
071319BK-01-160	352.9011	27700.36	10.77234	14.07359	1.144727	1.604206	1.55694	0.162639	0.837181	0.537709	971.4273	7.549501	971.8513	9.738678	973.7008	26.76135	973.7008	26.76135	99.76651
071319BK-01-161	149.5308	3715.257	2.651704	15.23166	5.911082	0.590171	8.050096	0.068337	1.069617	0.13287	426.1311	4.410586	470.9766	30.34549	696.8135	170.2242	426.1311	4.410586	61.15426
071319BK-01-162	165.1152	29536.49	40.66886	8.578685	1.083709	5.578264	1.376201	0.343569	0.777504	0.564964	1903.818	12.81668	1912.749	11.85003	1923.213	20.35474	1923.213	20.35474	98.99156
071319BK-01-163	167.3332	12803.55	1.755072	13.26583	2.591488	1.784414	2.811734	0.171819	0.854281	0.303827	1022.127	8.074771	1039.79	18.2984	1077.973	53.7817	1077.973	53.7817	94.8193
071319BK-01-164	686.3813	18303.92	2.378042	17.89082	2.131389	0.54606	2.375264	0.071149	0.815591	0.343369	443.0771	3.492304	442.4121	8.518551	439.9012	49.65577	443.0771	3.492304	100.7219
071319BK-01-165	280.2972	3918.753	3.011632	17.85294	2.87035	0.497523	5.465891	0.069068	0.767708	0.140454	430.538	3.197316	410.024	18.44073	297.1095	123.5643	430.538	3.197316	144.9088
071319BK-01-166	160.9678	7342.196	1.263972	9.892168	1.126735	3.949032	1.444317	0.288871	0.733403	0.507786	1635.883	10.59633	1623.792	11.70259	1608.954	23.19086	1608.954	23.19086	101.6737
071319BK-01-167	139.0291	1952.15	1.790297	16.56299	3.847545	0.49813	6.425262	0.068358	0.974623	0.151686	426.255	4.020009	410.4356	21.69601	323.3919	144.3863	426.255	4.020009	131.8076
071319BK-01-168	193.5852	3459.172	3.004492	15.75736	4.980217	0.602767	5.260114	0.073809	0.980349	0.186374	459.065	4.343935	478.9882	20.08912	576.4608	112.4009	459.065	4.343935	79.63508
071319BK-01-169	1314.385	12082.18	5.98562	13.16337	0.644653	1.868448	0.980041	0.181311	0.707574	0.721984	1074.131	7.000827	1069.981	6.482077	1062.427	13.64147	1062.427	13.64147	101.1016
071319BK-01-170	206.0782	3102.476	1.724791	14.21627	7.321853	0.416041	8.498364	0.045958	1.370935	0.161317	289.6601	3.883156	353.2164	25.35806	796.3036	176.1235	289.6601	3.883156	36.37559
071319BK-01-171	118.5121	9203.076	2.162616	9.443522	1.807594	4.311986	2.19443	0.299738	0.845768	0.385416	1690.01	12.5735	1695.655	18.08915	1703.423	37.29087	1703.423	37.29087	99.21255
071319BK-01-172	221.3631	38223.19	1.844669	9.637266	0.759699	4.15993	1.078215	0.291973	0.758877	0.703827	1651.383	11.05553	1666.165	8.826496	1685.63	14.13674	1685.63	14.13674	97.96826
071319BK-01-173	216.1434	21423.98	1.98828	10.4435	0.79446	3.557037	1.143003	0.270701	0.752202	0.658093	1544.361	10.33	1540.004	9.059298	1534.828	16.19747	1534.828	16.19747	100.6211
071319BK-01-174	91.47133	8508.491	1.991456	11.6694	2.738906	2.6554	3.099367	0.228526	0.8111	0.261699	1326.77	9.726224	1316.145	22.86501	1299.712	58.14715	1299.712	58.14715	102.0818
071319BK-01-175	400.2448	41120.47	5.18833	9.894031	0.719558	3.994842	1.019386	0.286832	0.712302	0.698756	1625.679	10.23502	1633.148	8.278586	1643.571	13.5317	1643.571	13.5317	98.91139
071319BK-01-176	495.0516	13339.4	5.848366	13.99177	1.224328	1.56431	1.810451	0.16072	0.705118	0.389471	960.7748	6.293927	956.1756	11.21468	946.5051	34.14503	946.5051	34.14503	101.5076
071319BK-01-177	374.5653	79155.28	2.018935	7.865373	0.633413	6.595157	0.941604	0.375693	0.688038	0.730708	2056.133	12.11274	2058.7	8.302262	2062.024	11.33937	2062.024	11.33937	99.71429
071319BK-01-178	1831.239	136432.6	4.392239	13.40194	0.605645	1.762302	1.01684	0.171341	0.807556	0.794182	1019.495	7.61498	1031.694	6.587152	1058.542	12.43785	1058.542	12.43785	96.31133
071319BK-01-179	512.3374	80846.33	2.527649	9.425468	0.601312	4.521429	0.932122	0.309026	0.699281	0.750203	1735.914	10.64185	1734.921	7.750601	1734.507	11.3038	1734.507	11.3038	100.0811
071319BK-01-180	275.64	41402.74	1.602211	7.819987	0.631115	6.680041	0.925853	0.379136	0.673419	0.727349	2072.247	11.93416	2069.985	8.177056	2068.488	11.19771	2068.488	11.19771	100.1817
071319BK-01-181	419.7235	9741.776	2.985556	17.48933	2.302938	0.517801	2.805546	0.067324	0.714474	0.254665	420.0148	2.905226	423.681	9.718704	444.627	60.34852	420.0148	2.905226	94.46453

071319BK-01-182	164.7036	4850.83	1.926446	17.21713	4.624735	0.523434	5.504412	0.068805	0.991952	0.18021	428.9537	4.116535	427.4426	19.20573	420.2538	120.962	428.9537	4.116535	102.0702
071319BK-01-183	659.0036	36789.02	2.597278	9.925963	0.6771	3.630176	2.022189	0.261843	1.903114	0.941116	1499.264	25.4578	1556.171	16.09972	1635.085	12.70015	1635.085	12.70015	91.69331
071319BK-01-184	666.0267	18986.05	2.177475	18.03332	2.159699	0.513031	2.317542	0.067738	0.707761	0.305393	422.5119	2.894485	420.4854	7.979254	410.3387	49.36824	422.5119	2.894485	102.9666
071319BK-01-185	149.2341	1583.21	2.316723	15.21636	8.362813	0.35822	8.757951	0.04583	1.227158	0.140119	288.8691	3.466631	310.8847	23.4579	480.3942	191.9108	288.8691	3.466631	60.13169
071319BK-01-186	1402.185	17898.08	1.113163	17.63776	0.949406	0.58851	2.206324	0.07615	1.558366	0.706318	473.1016	7.108619	469.9156	8.299897	455.3479	34.67153	473.1016	7.108619	103.8989
071319BK-01-187	201.9073	23372.56	1.620298	8.560873	0.757662	5.400358	1.026585	0.335953	0.68545	0.6677	1867.172	11.11174	1884.91	8.795367	1905.276	13.72931	1905.276	13.72931	98.00006
071319BK-01-188	450.0838	53051.66	3.368679	9.346835	0.707218	4.644258	1.037469	0.314644	0.756757	0.729426	1763.519	11.67579	1757.261	8.668123	1750.607	12.99039	1750.607	12.99039	100.7376
071319BK-01-189	840.4188	26339.97	0.911933	17.44378	1.742238	0.58686	2.00029	0.074585	0.842553	0.421216	463.7169	3.769846	468.8604	7.5115	495.1007	39.98335	463.7169	3.769846	93.66112
071319BK-01-190	158.1296	23176.38	1.221009	10.15034	1.249258	3.820794	1.535273	0.282358	0.808095	0.526352	1603.227	11.47022	1597.135	12.35583	1589.902	24.39082	1589.902	24.39082	100.8381
071319BK-01-191	42.67747	12894.73	1.365748	5.497248	1.074879	12.75729	1.319793	0.510139	0.750441	0.568605	2657.221	16.34207	2661.897	12.42748	2666.16	17.9858	2666.16	17.9858	99.66473
071319BK-01-192	290.3586	16036.05	1.227865	11.39814	1.294541	2.444614	4.415914	0.204484	4.213768	0.954223	1199.363	46.11628	1255.838	31.83189	1354.794	25.47211	1354.794	25.47211	88.52732
071319BK-01-193	87.07891	7012.862	3.184851	12.59107	3.483107	2.038524	3.712142	0.190589	0.846321	0.227987	1124.563	8.733518	1128.468	25.29283	1136.874	71.92368	1136.874	71.92368	98.91718
071319BK-01-194	851.6159	44247.46	4.608042	13.26072	0.801041	1.856836	1.067766	0.17895	0.676195	0.63328	1061.234	6.616467	1065.863	7.046951	1076.241	16.57165	1076.241	16.57165	98.60566
071319BK-01-195	189.2814	25344.16	11.09332	8.905035	0.795094	5.126406	1.134293	0.331935	0.679156	0.598748	1847.753	10.91083	1840.492	9.637748	1833.064	16.46199	1833.064	16.46199	100.8013
071319BK-01-196	362.2211	44906.45	4.287043	10.35163	0.71998	3.70245	0.947521	0.278241	0.603004	0.636402	1582.496	8.461489	1571.898	7.575157	1558.498	13.71286	1558.498	13.71286	101.5398
071319BK-01-197	390.364	30192.13	3.371878	12.28178	0.957288	2.374839	1.174508	0.21314	0.595377	0.506916	1245.526	6.743178	1235.059	8.392219	1217.688	19.90699	1217.688	19.90699	102.2861
071319BK-01-198	715.8065	32380.03	12.57423	13.96188	0.785205	1.792311	1.091992	0.165548	0.693833	0.635383	987.5362	6.352837	1042.666	7.117147	1160.939	16.73669	1160.939	16.73669	85.06357
071319BK-01-199	159.4828	14341.42	2.136772	11.92297	1.699511	2.751105	2.039342	0.218214	0.719502	0.352811	1272.433	8.308263	1342.388	15.18799	1456.532	36.29379	1456.532	36.29379	87.36044
071319BK-01-200	128.8501	9186.555	2.427803	11.96436	1.517481	2.687822	1.794629	0.215382	0.616248	0.343384	1257.427	7.039956	1325.111	13.28189	1437.097	32.1417	1437.097	32.1417	87.4977
071319BK-01-201	74.54233	15434.62	1.316219	5.82721	0.773928	13.57677	1.088378	0.494615	0.702146	0.64513	2590.611	14.97905	2720.647	10.29342	2819.371	13.57918	2819.371	13.57918	91.88616
071319BK-01-202	1027.508	19409.61	2.487364	17.49581	1.000078	0.650569	1.65109	0.074125	0.799369	0.484146	460.9587	3.556105	508.8288	6.607944	731.1093	30.61045	460.9587	3.556105	63.04922
071319BK-01-203	206.5576	10044.42	2.543428	6.343908	1.8746	11.16298	6.693518	0.455444	6.421024	0.95929	2419.41	129.5449	2536.83	62.45565	2632.832	31.41572	2632.832	31.41572	91.8938
071319BK-01-204	857.3624	13726.31	3.133236	13.14391	1.878877	2.192013	6.699287	0.186354	6.418692	0.958116	1101.595	64.99862	1178.506	46.74591	1323.432	37.16485	1323.432	37.16485	83.2377
071319BK-01-205	156.5962	3420.66	7.829588	5.459113	1.827806	13.29091	6.695759	0.486086	6.433612	0.960849	2553.722	135.6771	2700.537	63.31213	2813.021	30.31517	2813.021	30.31517	90.78219
071319BK-01-206	120.6352	402.5036	1.089648	15.45159	4.709251	0.345008	22.01812	0.088819	6.615393	0.300452	548.5495	34.78795	300.9596	57.4086	NA	NA	548.5495	34.78795	
071319BK-01-207	83.5829	765.3488	0.971007	17.40711	5.526163	0.371838	17.29199	0.068769	1.571149	0.09086	428.7338	6.516935	321.0151	47.62605	NA	NA	428.7338	6.516935	
071319BK-01-208	370.5501	16250.86	9.858779	14.05288	1.40304	1.689382	1.943982	0.168929	0.7463	0.383903	1006.208	6.952619	1004.53	12.39993	1001.735	36.42799	1001.735	36.42799	100.4466
071319BK-01-209	982.0644	8546.073	0.770619	17.82699	1.146262	0.554897	1.537205	0.072012	0.814256	0.529699	448.2645	3.526005	448.1997	5.570278	448.8135	28.96746	448.2645	3.526005	99.87766
071319BK-01-210	816.6002	32341.88	9.272865	14.13297	0.786699	1.461272	1.172736	0.148228	0.73149	0.623747	891.0199	6.087341	914.5335	7.069822	972.5877	18.68116	972.5877	18.68116	91.61333
071319BK-01-211	1217.955	51747.12	3.214782	9.76422	0.770655	3.546419	1.351852	0.247627	1.102923	0.815861	1426.228	14.11165	1537.635	10.70769	1695.18	14.40869	1695.18	14.40869	84.1343
071319BK-01-212	307.1413	4614.549	5.292429	17.50438	2.503136	0.545547	4.01362	0.072104	0.905691	0.225654	448.8198	3.92664	442.0753	14.38617	408.0668	87.51453	448.8198	3.92664	109.9869
071319BK-01-213	745.0532	14799.45	9.058401	16.75754	1.358435	0.793642	2.196713	0.096443	0.762602	0.347156	593.5289	4.324145	593.236	9.869745	593.08	44.65876	593.5289	4.324145	100.0757
071319BK-01-214	490.4788	7563.489	2.935479	17.35078	1.4212	0.624832	1.946906	0.079915	0.921889	0.473515	495.6147	4.397797	492.8715	7.602176	481.086	37.88649	495.6147	4.397797	103.02
071319BK-01-215	171.3982	1548.125	2.393788	15.71595	8.898673	0.35676	9.491819	0.046953	1.206238	0.127082	295.7881	3.487292	309.7931	25.34795	417.5401	210.7382	295.7881	3.487292	70.84064
071319BK-01-216	92.30207	8657.878	1.77393	7.10726	1.037439	7.491199	1.418242	0.383849	0.927529	0.653999	2094.24	16.58512	2171.935	12.70531	2246.912	18.5403	2246.912	18.5403	93.20525
071319BK-01-217	1093.321	84220.45	1.893239	10.89761	0.691997	3.151279	1.041103	0.245383	0.7758	0.745171	1414.621	9.853931	1445.313	8.024862	1491.564	13.14229	1491.564	13.14229	94.84146
071319BK-01-218	125.6822	10922.29	1.130416	9.818087	1.205694	4.224318	1.462559	0.299513	0.736507	0.503574	1688.892	10.94285	1678.757	12.00855	1666.902	23.37631	1666.902	23.37631	101.3192
071319BK-01-219	174.2207	5245.968	2.243045	16.19863	3.602892	0.593937	4.422718	0.07184	0.960871	0.217258	447.2301	4.151626	473.3786	16.73507	603.1147	93.45206	447.2301	4.151626	74.1534
071319BK-01-220	174.1983	35232.44	0.667396	5.377391	0.73017	13.72908	1.03616	0.528298	0.720628	0.695479	2734.276	16.05835	2731.201	9.806992	2729.634	12.25744	2729.634	12.25744	100.1701
071319BK-01-221	157.6235	5700.853	1.770137	13.51494	2.72186	1.559993	5.000124	0.155604	3.276807	0.655345	932.3017	28.44357	954.4646	30.94774	1006.773	76.66463	1006.773	76.66463	92.60299
071319BK-01-222	171.9893	6573.601	1.941683	15.34514	4.202259	0.977731	4.429345	0.110715	0.8756	0.197682	676.9001	5.626377	692.4407	22.23776	744.1415	91.85674	676.9001	5.626377	90.9639
071319BK-01-223	142.7572	16668.4	1.054351	10.04696	1.024952	3.936184	1.341745	0.284362	0.739089	0.550842	1613.293	10.54871	1621.153	10.86427	1632.163	20.80906	1632.163	20.80906	98.84386
071319BK-01-224	87.27485	10149.57	2.021705	11.62126	2.251033	2.769814	2.533268	0.232975	0.883481	0.348752	1350.075	10.76147	1347.439	18.90131	1344.082	45.86212	1344.082	45.86212	100.4458
071319BK-01-225	402.8971	13672.17	2.602811	17.58294	2.543994	0.519816	3.103809	0.066471	0.839953	0.27062	414.8624	3.374887	425.0288	10.77954	481.4873	66.0416	414.8624	3.374887	86.16269
071319BK-01-226	246.696	26766.7	2.400938	12.2974	1.503936	2.297232	1.698709	0.202918	0.707551	0.416523	1190.979	7.694166	1211.437	12.01779	1248.925	30.23246	1248.925	30.23246	95.36033
071319BK-01-227	245.4863	31276.95	2.906742	8.16127	0.732578	6.111021	1.043063	0.357167	0.727138	0.697118	1968.73	12.33596	1991.822	9.101938	2016.627	13.2606	2016.627	13.2606	97.62489
071319BK-01-228	221.7378	24690.29	2.568274	10.36689	0.93582	3.516757	1.256582	0.261289	0.726616	0.578248	1496.431	9.703528	1530.989	9.934596	1579.864	19.17989	1579.864	19.17989	94.71897
071319BK-01-229	184.8605	1309.527	3.745733	15.1066	3.267808	0.544889	9.592279	0.070507	0.739969	0.077142	439.2099	3.141776	441.6427	34.36593	455.2995	212.6608	439.2099	3.141776	96.46617
071319BK-01-230	588.4672	39119.22	5.574895	5.583008	0.549431	10.80513	1.21392	0.430592	1.075103	0.885645	2308.386	20.86027	2506.508	11.28229	2671.856	9.333164	2671.856	9.333164	86.39634
071319BK-01-231	357.9488	2774.506	2.17275	18.14647	2.229963	0.491441	2.876299	0.070086	0.693521	0.241116	436.6746	2.928136	405.8921	9.623706	235.3125	64.44291	436.6746	2.928136	185.5722
071319BK-01-232	298.9126	6438.798	2.481152	11.23264	0.686055	2.870825	1.170592	0.235513	0.884488	0.75559	1363.329	10.86871	1374.288	8.81555	1392.177	14.71093	1392.177	14.71093	97.92782
071319BK-01-233	349.61	2746.538	1.755817	9.826618	0.719438	3.998177	1.249111	0.294458	0.625257	0.500562	1663.769	9.168802	1633.826	10.14602	1596.288	20.18908	1596.288	20.18908	104.2274
071319BK-01-234	104.942	13001.06	1.565308	9.833985	0.98408	4.040126	1.407041	0.291612	0.74836	0.531868	1649.581	10.89188	1642.312	11.45272	1633.811	22.13667	1633.811	22.13667	100.9652
071319BK-01-235	89.65367	9625.837	1.612202	9.468298	1.850126	4.494195	2.007859	0.313287	0.670916	0.334145	1756.86	10.31737	1729.9	16.67823	1698.23	34.8741	1698.23	34.8741	103.4524
071319BK-01-236	219.9081	14700.69	3.577177	11.62929	1.140801	2.545697	1.436584	0.217753	0.709109	0.493608	1269.993	8.174045	1285.206	10.47325	1311.55	24.24207	1311.55	24.24207	96.83144
071319BK-01-237	1066.947	42980.69	2.724298	16.51256	0.893064	0.762445	1.228597	0.092543	0.631919	0.514342	570.5613	3.450531	575.4196	5.3968	595.5973	22.83006	570.5613	3.450531	95.79649
071319BK-01-238	409.28	33474.81	3.541877	11.45144	0.70518	2.751762	1.018096	0.231448	0.64653	0.635038	1342.085	7.833301	1342.565	7.582326	1344.156	15.18871	1344.156	15.18871	99.84588
071319BK-01-239	419.2435	30947.17	1.278619	8.416973	0.655569	5.461266	0.976493	0.337237	0.68273	0.699165	1873.362	11.09926	1894.527	8.380786	1918.564	12.52052	1918.564	12.52052	97.64396
071319BK-01-240	906.3624	26530.16	6.339098	17.34915	1.376308	0.618069	1.808084	0.079134	0.674008	0.372775	490.9524	3.18619	488.6365	7.012867	478.7337	37.08361	490.9524	3.18619	102.5523
071319BK-01-241	539.6491	36095.14	2.926215	9.487462	0.674936	3.941668	2.176362	0.273851	2.053795	0.943683	1560.321	28.46258	1622.281	17.62833	1704.398	13.2567	1704.398	13.2567	91.54676
071319BK-01-242	162.1676	13361	1.36	9.433445	1.191821	4.274004	1.61201	0.297585	0.756433	0.469248	1679.32	11.18314	1688.369	13.26529	1700.412	26.22377	1700.412	26.22377	98.7596
071319BK-01-243	132.4964	4284.683	1.101541	15.23727	5.01013	0.847571	6.886985	0.099512	0.894664	0.129907	611.5456	5.219778	623.3149	32.09065	667.2072	146.3776	611.5456	5.219778	91.65753
071319BK-01-244	312.6557	23867.22	1.901057	13.26276	0.950106	1.762433	1.995026	0.171993	1.607442	0.805725	1023.084	15.20689	1031.743	12.92477	1051.04	23.83189	1051.04	23.83189	97.34008
071319BK-01-245	304.111	9095.342	2.633935	16.82178	3.93937	0.553411	4.164013	0.069895	0.84824	0.203707	435.5205	3.572229	447.2286	15.06382	508.837	89.68619	435.5205	3.572229	85.59137
071319BK-01-246	168.7382	2986.518	1.171603	9.641305	1.102382	3.895767	4.02766	0.287171	1.598899	0.39698	1627.376	22.99563	1612.805	32.55395	1594.629	69.04952	1594.629	69.04952	102.0536
071319BK-01-247	103.9798	3118.273	1.385755	13.19465	7.658681	0.665813	8.615798	0.068317	1.191392	0.13828	426.0061	4.911335	518.1636	34.98028	949.1842	174.9567	426.0061	4.911335	44.88129
071319BK-01-248	813.9255	18572.22	2.952953	17.28606	1.134691	0.591337	1.401298	0.075708	0.743114	0.530304	470.4548	3.371494	471.7209	5.287337	478.8247	26.26967	470.4548	3.371494	98.25199
071319BK-01-249	1635.112	11847.08	1.484244	17.79934	0.932811	0.492064	1.178423	0.065315	0.671754	0.570045	407.8688	2.654997	406.316	3.946093	398.4532	21.70029	407.8688	2.654997	102.363
071319BK-01-250	173.1698	11222.46	1.240031	13.22789	2.179255	1.85057	2.346915	0.181183	0.713453	0.303996	1073.436	7.054802	1063.633	15.47158	1044.437	45.10606	1044.437	45.10606	102.7764
071319BK-01-251	138.3381	7814.884	2.328297	12.88669	1.330927	2.004993	1.74753	0.192539	0.715694	0.409546	1135.112	7.448884	1117.201	11.83978	1083.375	31.95558	1083.375	31.95558	104.7755
071319BK-01-252	680.5645	16377.64	1.667426	17.91676	1.453048	0.532526	1.708622	0.070562	0.691283	0.404585	439.5389	2.937186	433.4844	6.028561	402.3933	34.99768	439.5389	2.937186	109.2312
071319BK-01-253	126.1116	9211.385	1.51219	9.930518	1.221414	4.248034	1.494554	0.311616	0.750867	0.502402	1748.653	11.4999	1683.356	12.2844	1603.723	24.10174	1603.723	24.10174	109.0371
071319BK-01-254	1129.406	10977.14	1.780532	17.95163	1.210112	0.443629	1.431279	0.059265	0.640822	0.447727	371.1536	2.311261	372.808	4.466025	384.0601	28.73639	371.1536	2.311261	96.63945
071319BK-01-255	363.8938	9858.658	1.976377	15.95853	2.151943	0.973814	2.5867	0.115383	0.687795	0.265897	703.9352	4.586651	690.4277	12.95894	647.6276	53.58021	703.9352	4.586651	108.6944
071319BK-01-256	228.2663	13284.96	2.901213	14.22256	2.11212	1.527784	2.342294	0.160005	0.674064	0.287779	956.8053	5.993676	941.6083	14.37548	907.1061	46.2262	907.1061	46.2262	105.4789
071319BK-01-257	278.2421	15233.62	4.543478	13.94897	1.237037	1.582595	1.759864	0.162188	0.674728	0.383398	968.926	6.070015	963.3902	10.95064	951.687	33.24526	951.687	33.24526	101.8114
071319BK-01-258	1287.698	23588.22	5.06466	17.64225	1.346755	0.571021	1.530877	0.073851	0.654688	0.427655	459.3121	2.902432	458.6746	5.64995	456.4666	30.71417	459.3121	2.902432	100.6234
071319BK-01-259	605.8138	100846.5	1.593912	6.154096	0.557352	10.41658	0.853122	0.464533	0.645502	0.756635	2459.54	13.19877	2472.525	7.903854	2483.935	9.405951	2483.935	9.405951	99.01786
071319BK-01-260	89.47876	10889.87	1.801888	9.380918	1.426797	4.501844	1.636844	0.309855	0.761989	0.465523	1739.991	11.61989	1731.313	13.6002	1721.624	26.61423	1721.624	26.61423	101.0668
071319BK-01-261	477.3112	32399.18	5.546677	14.01248	1.065748	1.568433	1.325069	0.160348	0.665266	0.502061	958.7098	5.926367	957.8067	8.216288	956.6036	23.41295	956.6036	23.41295	100.2202
071319BK-01-262	509.242	11941.33	6.01745	14.00627	0.822427	1.5625	1.150665	0.161317	0.675489	0.587042	964.0938	6.048766	955.4584	7.124298	936.5265	19.08488	936.5265	19.08488	102.9436
071319BK-01-263	279.0496	16707.33	2.534827	11.62441	1.123637	2.623766	1.644827	0.223471	0.688313	0.418471	1300.19	8.10461	1307.32	12.09304	1319.863	28.95252	1319.863	28.95252	98.50947
071319BK-01-264	642.5661	35970.2	3.629132	11.64317	0.714472	2.593632	1.421235	0.220102	1.224705	0.861718	1282.412	14.24222	1298.841	10.41564	1326.913	13.96047	1326.913	13.96047	96.64629
071319BK-01-265	107.1419	10511.29	2.313078	12.40927	2.380389	2.394189	3.110784	0.219216	1.068592	0.343512	1277.73	12.38574	1240.864	22.28394	1178.291	57.78633	1178.291	57.78633	108.4392
071319BK-01-266	456.1248	17307.22	2.693396	18.3279	2.386957	0.531209	2.574663	0.071673	0.758334	0.294537	446.2279	3.269437	432.6119	9.0697	361.7028	55.48713	446.2279	3.269437	123.3686
071319BK-01-267	324.9395	12371.19	3.678481	17.29451	3.840204	0.555451	4.128588	0.071108	1.344101	0.32556	442.8274	5.752218	448.5614	14.97106	479.0104	86.32317	442.8274	5.752218	92.4463
071319BK-01-268	145.7259	2743.522	2.878008	16.211	5.362001	0.582401	6.322422	0.074906	1.03437	0.163603	465.6443	4.646643	466.0033	23.63183	468.7467	138.1976	465.6443	4.646643	99.33816
071319BK-01-269	132.2023	22209.83	2.918185	4.884545	0.676039	15.33389	1.044472	0.544544	0.79542	0.761552	2802.439	18.07791	2836.211	9.956426	2860.996	11.01548	2860.996	11.01548	97.95327
071319BK-01-270	1025.107	96910.56	3.53032	12.52718	0.755508	2.253251	1.073027	0.205067	0.759968	0.708247	1202.484	8.336793	1197.801	7.546416	1190.235	14.93662	1190.235	14.93662	101.0292
071319BK-01-271	249.7594	16174.82	11.89219	13.98782	1.281892	1.571848	1.775208	0.161737	0.719359	0.405225	966.4228	6.456035	959.156	11.01695	943.4402	33.25162	943.4402	33.25162	102.436
071319BK-01-272	134.9588	13069.45	0.568462	10.59705	1.299573	3.343449	1.550288	0.260417	0.740922	0.477925	1491.976	9.868387	1491.261	12.11777	1491.053	25.78	1491.053	25.78	100.0619
071319BK-01-273	287.8671	56101.55	1.254949	5.902012	0.688096	11.22921	1.026145	0.482275	0.755366	0.736119	2537.166	15.84317	2542.344	9.567587	2547.195	11.63554	2547.195	11.63554	99.60627
071319BK-01-274	588.6204	16933.87	1.734579	17.82786	1.777996	0.543127	2.221939	0.071465	0.796489	0.358466	444.9785	3.424647	440.484	7.940914	418.0167	46.33439	444.9785	3.424647	106.4499
071319BK-01-275	1763.482	41190.61	1.471889	17.831	1.05805	0.561058	1.332991	0.073166	0.709768	0.532463	455.2032	3.119453	452.2147	4.864622	437.9969	25.13615	455.2032	3.119453	103.9284
071319BK-01-276	88.34392	10629.03	1.432078	11.60577	3.698626	2.673349	3.947977	0.228986	0.7607	0.192681	1329.184	9.136798	1321.119	29.18217	1308.887	75.20123	1308.887	75.20123	101.5506
071319BK-01-277	514.5022	22851.14	2.042895	13.29937	0.876714	1.758868	2.543492	0.171048	2.339023	0.919611	1017.881	22.02405	1030.431	16.46647	1058.064	20.11683	1058.064	20.11683	96.20224
071319BK-01-278	235.6616	34148.73	1.046539	8.48243	0.807226	5.629878	1.044351	0.348215	0.653543	0.625789	1926.069	10.88131	1920.685	9.004949	1915.644	14.61405	1915.644	14.61405	100.5442
071319BK-01-279	356.8408	12500.53	5.353623	16.16812	1.766143	0.884722	2.251606	0.105937	0.755631	0.335596	649.1088	4.666009	643.5296	10.73243	624.9169	45.72724	649.1088	4.666009	103.8712
071319BK-01-280	487.2633	27505.93	3.53219	12.82074	0.819488	2.086289	1.117605	0.195678	0.669649	0.599182	1152.063	7.064703	1144.306	7.671223	1130.517	17.81883	1130.517	17.81883	101.9058
071319BK-01-281	194.8003	5900.483	1.667549	17.3751	4.18576	0.534666	4.960672	0.070489	0.899779	0.181382	439.1026	3.819394	434.9013	17.5502	413.6654	109.1006	439.1026	3.819394	106.1492
071319BK-01-282	409.2446	55687.09	2.43424	8.996881	0.710226	5.001048	1.004731	0.327326	0.698823	0.695533	1825.41	11.10937	1819.5	8.50205	1813.516	13.11144	1813.516	13.11144	100.6559
071319BK-01-283	70.1573	18114.3	1.419547	9.321956	2.370645	4.592106	2.545804	0.312931	0.707083	0.277745	1755.115	10.86416	1747.836	21.23022	1739.923	44.8324	1739.923	44.8324	100.8732
071319BK-01-284	101.7533	3666.451	1.750678	13.32281	8.260801	0.688724	9.706934	0.070254	1.022228	0.105309	437.686	4.32564	532.0338	40.21849	961.214	197.6397	437.686	4.32564	45.53471
071319BK-01-285	259.1984	17611.19	1.60172	13.7584	2.257062	1.568461	2.509737	0.15841	0.693805	0.276445	947.9373	6.116134	957.8178	15.56298	981.4832	49.1088	981.4832	49.1088	96.58212
071319BK-01-286	468.8155	13317.57	1.816188	17.76965	2.293206	0.51252	2.652694	0.067421	0.744652	0.280715	420.6016	3.032029	420.1422	9.127218	418.5722	56.87023	420.6016	3.032029	100.4848
071319BK-01-287	192.4907	14556.21	1.353487	11.16155	1.12839	3.074965	1.334183	0.251612	0.658702	0.493712	1446.785	8.536292	1426.473	10.22295	1397.109	22.24476	1397.109	22.24476	103.5557
071319BK-01-288	159.3285	5175.575	3.28341	14.52518	6.193561	0.637086	6.404415	0.069937	0.886098	0.138357	435.7759	3.733779	500.5006	25.31197	809.4162	132.8437	435.7759	3.733779	53.8383
071319BK-01-289	711.8989	126392.3	9.98658	8.880227	0.613224	5.033754	0.877832	0.324509	0.626878	0.714121	1811.712	9.90088	1825.018	7.436243	1841.009	11.12512	1841.009	11.12512	98.40866
071319BK-01-290	473.7564	55429.25	1.689028	10.92037	0.615113	3.254944	0.921656	0.258506	0.670335	0.727315	1482.193	8.876161	1470.358	7.159057	1454.121	12.03373	1454.121	12.03373	101.9305
071319BK-01-291	321.3446	10649.62	1.307561	16.45714	2.294169	0.743821	2.520036	0.09094	0.70413	0.279413	561.0936	3.78377	564.6331	10.91491	579.8444	52.57127	561.0936	3.78377	96.76623

071319BK-01-292	679.4194	20253.81	1.816996	17.94966	1.800149	0.464829	2.685279	0.061403	1.54329	0.574723	384.1552	5.755438	387.6107	8.652388	409.2407	49.17069	384.1552	5.755438	93.87022
071319BK-01-293	44.82768	9766.469	1.537027	5.358361	1.158725	13.27682	1.519615	0.520223	0.786601	0.517632	2700.128	17.35228	2699.535	14.3501	2699.796	21.46855	2699.796	21.46855	100.0123
071319BK-01-294	205.5703	21585.73	2.208706	9.125473	0.833884	4.812527	1.059742	0.320863	0.593501	0.560043	1793.942	9.293982	1787.09	8.909416	1779.874	16.01261	1779.874	16.01261	100.7904
071319BK-01-295	52.57188	7960.081	0.972831	10.93535	4.745019	3.234658	5.286559	0.261963	1.535117	0.290381	1499.878	20.54257	1465.505	41.02506	1416.858	96.78941	1416.858	96.78941	105.8595
071319BK-01-296	296.3934	31168.72	8.90483	10.91177	0.671078	2.841883	1.04507	0.226552	0.663568	0.634951	1316.404	7.901076	1366.668	7.849576	1446.954	15.37485	1446.954	15.37485	90.9776
071319BK-01-297	435.616	41205	6.186359	9.881759	0.568924	3.976896	0.853158	0.286408	0.585975	0.68683	1623.552	8.410142	1629.493	6.922321	1637.962	11.51478	1637.962	11.51478	99.12025
071319BK-01-298	360.1607	40025.42	2.219845	11.27591	0.688722	2.928103	0.913679	0.240782	0.584168	0.639357	1390.759	7.307751	1389.203	6.915664	1387.633	13.48656	1387.633	13.48656	100.2253
071319BK-01-299	215.8085	6346.737	3.733079	16.46832	5.647957	0.545518	5.955663	0.067812	0.851831	0.143029	422.9619	3.487268	442.0561	21.34808	543.6625	128.9391	422.9619	3.487268	77.79861
071319BK-01-300	223.6937	18617.55	2.752407	10.64689	0.972296	3.323642	1.177549	0.259101	0.573317	0.486873	1485.24	7.605396	1486.62	9.191475	1489.397	19.47574	1489.397	19.47574	99.72094
071319BK-01-301	325.3527	13902.93	5.132766	16.38726	2.880459	0.877036	3.202704	0.106212	0.692508	0.216226	650.7093	4.286247	639.3807	15.19582	600.4726	67.70926	650.7093	4.286247	108.3662
071319BK-01-302	301.6575	14942.63	7.501915	13.88217	1.225041	1.552155	1.487553	0.159015	0.709754	0.477129	951.3001	6.277331	951.3509	9.186333	952.3752	26.74581	952.3752	26.74581	99.88711
071319BK-01-303	599.182	21790.94	7.42172	16.28644	1.404592	0.825769	1.888599	0.099175	0.72972	0.386382	609.5705	4.244327	611.2617	8.673472	618.4536	37.61333	609.5705	4.244327	98.56365
071319BK-01-304	124.3918	7869.92	3.026404	14.65281	3.570204	1.170489	3.802538	0.128544	1.04149	0.273894	779.5522	7.647264	786.8737	20.82448	808.574	76.54486	779.5522	7.647264	96.41073
071319BK-01-305	997.5353	85682.1	22.96166	13.93084	0.776445	1.577359	1.067338	0.160662	0.710184	0.665379	960.452	6.337173	961.3295	6.632753	964.2465	16.26974	964.2465	16.26974	99.60648
071319BK-01-306	93.36815	11310.43	2.185532	13.41764	2.936726	1.844144	3.265271	0.183594	0.975377	0.298712	1086.58	9.753198	1061.341	21.50093	1010.671	63.19694	1010.671	63.19694	107.5108
071319BK-01-307	365.3792	12819.01	1.650144	17.05359	3.602506	0.582907	4.158045	0.073942	0.801905	0.192856	459.8588	3.559176	466.328	15.54881	499.244	89.89993	459.8588	3.559176	92.11101
071319BK-01-308	125.0233	3133.841	2.590809	15.04274	6.642127	0.58551	7.645276	0.069038	1.030973	0.134851	430.3555	4.291991	467.996	28.67502	658.0399	162.6528	430.3555	4.291991	65.3996
071319BK-01-309	288.6761	39791.12	1.723873	9.373455	0.699452	4.468089	0.959148	0.306487	0.629239	0.65604	1723.398	9.515716	1725.064	7.958122	1727.869	13.28984	1727.869	13.28984	99.74126
071319BK-01-310	563.5491	33379.83	3.620209	13.91491	0.871247	1.567948	1.053458	0.159176	0.553085	0.525019	952.1959	4.895968	957.6151	6.531285	970.9687	18.28161	970.9687	18.28161	98.06659
071319BK-01-311	241.1473	6319.732	2.714308	16.70393	5.516574	0.570454	5.860787	0.071866	0.812875	0.138697	447.3882	3.513381	458.3083	21.61957	514.3687	127.6159	447.3882	3.513381	86.97812
071319BK-01-312	120.7832	4184.406	2.863219	15.8939	6.184546	0.562663	6.517671	0.068636	1.297659	0.199099	427.9354	5.372836	453.2583	23.83335	584.7832	138.7704	427.9354	5.372836	73.17848
071319BK-01-313	99.82202	8408.401	1.294705	12.71673	3.006815	1.909532	3.741575	0.179963	0.809108	0.216248	1066.772	7.954988	1084.421	24.9388	1120.936	72.86543	1120.936	72.86543	95.16797
071319BK-01-314	133.4892	8483.559	1.357322	13.9039	3.135384	1.56401	3.380463	0.160878	0.697213	0.206248	961.6558	6.228663	956.0567	20.94052	944.0688	67.77307	944.0688	67.77307	101.8629
071319BK-01-315	91.92677	3502.741	6.039901	13.34539	5.755014	0.750236	7.88641	0.076457	1.70585	0.216303	474.9405	7.810524	568.3611	34.33808	963.1238	157.4761	474.9405	7.810524	49.31251
071319BK-01-316	145.215	44044.87	1.460243	4.723394	0.543837	16.32213	0.875258	0.557369	0.683793	0.781247	2855.75	15.77593	2895.857	8.374354	2924.559	8.840938	2924.559	8.840938	97.6472
071319BK-01-317	410.5855	11473.75	1.987928	17.88435	1.6622	0.52398	2.278974	0.069239	0.654728	0.287291	431.5689	2.733097	427.8066	7.956344	408.5411	48.84588	431.5689	2.733097	105.6366
071319BK-01-318	430.6927	37745.33	2.749913	10.38571	0.717095	3.613386	1.001723	0.270851	0.648933	0.647817	1545.122	8.915691	1552.482	7.966746	1563.313	14.30696	1563.313	14.30696	98.83643
071319BK-01-319	907.8217	141653	5.409779	8.290414	0.559412	5.8292	0.852158	0.349124	0.642285	0.753716	1930.413	10.71454	1950.762	7.385785	1973.189	9.978785	1973.189	9.978785	97.83214
071319BK-01-320	539.734	15115.56	2.495428	17.90004	2.328285	0.559443	2.520455	0.073558	0.660182	0.26193	457.5538	2.915977	451.164	9.181362	419.6785	54.3296	457.5538	2.915977	109.0248
071319BK-01-321	273.1225	27779.51	2.05746	10.63286	0.819948	3.352054	1.18111	0.258658	0.740226	0.62672	1482.972	9.8062	1493.271	9.237387	1508.729	17.38079	1508.729	17.38079	98.29281
071319BK-01-322	239.9562	5573.788	1.283427	16.64373	5.6133	0.554512	6.251195	0.069644	0.886486	0.141811	434.012	3.720797	447.9479	22.64549	521.0839	135.9012	434.012	3.720797	83.29022
071319BK-01-323	377.8503	48449.77	1.768817	12.82813	1.058045	2.146107	1.357836	0.19948	0.835953	0.615651	1172.526	8.962034	1163.797	9.405189	1148.433	21.25312	1148.433	21.25312	102.098
071319BK-01-324	518.9761	13726.19	3.040317	17.77892	1.896754	0.528252	2.142112	0.069202	0.866681	0.404592	431.3491	3.616091	430.6489	7.518414	427.8539	43.69962	431.3491	3.616091	100.8169
071319BK-01-325	135.0663	11161.99	3.791297	12.76596	1.984937	2.157383	2.232688	0.201945	0.898233	0.40231	1185.761	9.728728	1167.43	15.49143	1134.433	40.68687	1134.433	40.68687	104.5245
071319BK-01-326	322.7463	36449.78	4.333247	11.32547	0.879555	2.703336	1.299078	0.221824	0.895651	0.689452	1291.505	10.48232	1329.374	9.629087	1391.735	18.05369	1391.735	18.05369	92.79822
071319BK-01-327	351.816	22444.44	3.15374	12.83021	1.132707	2.11459	1.442621	0.197311	0.823294	0.570693	1160.858	8.746161	1153.574	9.945381	1140.773	23.53842	1140.773	23.53842	101.7607
071319BK-01-328	158.3778	4547.086	1.635897	15.44189	6.558932	0.578986	6.983097	0.067827	1.429167	0.204661	423.0483	5.85195	463.8097	26.00536	671.9825	146.3854	423.0483	5.85195	62.95525
071319BK-01-329	242.0474	8492.913	1.846403	16.97998	2.852781	0.585726	3.198557	0.073965	1.041332	0.325563	459.9978	4.623195	468.1344	11.99694	509.169	66.50648	459.9978	4.623195	90.34285
071319BK-01-330	250.9297	19511.77	2.018473	14.02797	1.912078	1.578236	2.107924	0.161917	0.832823	0.395092	967.4192	7.481484	961.6749	13.10262	949.4744	39.63539	949.4744	39.63539	101.89
071319BK-01-331	196.9089	23013.97	1.698857	13.87722	2.136067	1.698207	2.370018	0.172063	0.805481	0.339863	1023.467	7.622718	1007.856	15.14708	974.9593	45.43556	974.9593	45.43556	104.9754
071319BK-01-332	308.7275	32523.9	1.623786	9.79237	0.766279	4.122851	1.04054	0.293443	0.697634	0.670454	1658.713	10.20289	1658.843	8.503242	1659.798	14.29451	1659.798	14.29451	99.93464
071319BK-01-333	70.69523	4018.609	1.122817	10.63975	3.511767	3.094673	6.059421	0.247452	4.365763	0.720492	1425.324	55.82862	1431.372	46.53294	1441.186	80.11414	1441.186	80.11414	98.89935
071319BK-01-334	174.7001	4901.525	1.827142	16.73532	4.083037	0.626461	4.634328	0.079956	0.97305	0.209966	495.8587	4.644056	493.8887	18.12646	485.7419	100.0703	495.8587	4.644056	102.0828
071319BK-01-335	193.2786	19387.62	1.976666	12.51464	1.554757	2.157333	1.879669	0.197803	0.795231	0.42307	1163.506	8.465625	1167.414	13.04163	1175.549	33.71427	1175.549	33.71427	98.97558
071319BK-01-336	231.1908	36798.91	1.707651	9.392233	0.810323	3.901114	1.1602	0.266927	0.785589	0.677116	1525.186	10.66978	1613.913	9.377107	1732.46	15.66341	1732.46	15.66341	88.03582
071319BK-01-337	407.7178	10634.66	1.874342	17.08717	2.110009	0.539919	2.948573	0.068578	0.80584	0.273298	427.5827	3.333845	438.3713	10.49755	496.4062	62.5185	427.5827	3.333845	86.13565
071319BK-01-338	91.16192	1933.09	1.699767	12.14546	8.17185	0.481159	11.15997	0.046589	2.152136	0.192844	293.5489	6.175891	398.8676	36.82731	1066.794	220.7879	293.5489	6.175891	27.51691
071319BK-01-339	188.731	47396.66	7.965566	5.233316	0.660541	13.74639	0.939312	0.522924	0.66698	0.710073	2711.571	14.76359	2732.394	8.891062	2748.522	10.87307	2748.522	10.87307	98.65562
071319BK-01-340	278.9904	30347.87	1.302382	9.807107	0.810433	4.078592	1.067121	0.291899	0.683767	0.640759	1651.011	9.959339	1650.032	8.702041	1649.576	15.18923	1649.576	15.18923	100.087
071319BK-01-341	174.051	7192.126	1.327961	15.73937	4.589898	0.660175	5.476271	0.077958	0.816701	0.149135	483.9239	3.807513	514.7209	22.11509	654.8191	116.241	483.9239	3.807513	73.90191
071319BK-01-342	183.8533	2987.749	1.6688	14.6691	6.204074	0.418603	9.215687	0.048017	0.837065	0.09083	302.3338	2.472303	355.0517	27.61889	716.8086	195.2757	302.3338	2.472303	42.17775
071319BK-01-343	200.556	5372.699	1.52741	16.1597	3.259315	0.579092	3.564448	0.071089	1.018219	0.28566	442.7135	4.356488	463.8775	13.27354	570.9847	74.33838	442.7135	4.356488	77.5351
071319BK-01-344	148.6508	3948.013	1.286568	16.4164	5.122934	0.547798	6.824854	0.069603	0.900188	0.131899	433.7626	3.77621	443.5532	24.53093	495.6323	149.2523	433.7626	3.77621	87.51702
071319BK-01-345	322.5306	7930.51	2.576285	16.74136	3.07162	0.636167	3.448021	0.079882	0.71239	0.206608	495.4199	3.397113	499.9301	13.61348	521.5647	74.04378	495.4199	3.397113	94.98724
071319BK-01-346	197.6017	28695.98	2.676386	10.04712	1.108307	3.942665	1.365189	0.289397	0.777391	0.569439	1638.516	11.24775	1622.485	11.05779	1602.55	20.93357	1602.55	20.93357	102.2443
071319BK-01-347	31.11665	7332.276	1.492047	5.126421	1.420872	14.36232	1.769289	0.539773	0.938768	0.53059	2782.498	21.21448	2773.943	16.79717	2768.429	24.60672	2768.429	24.60672	100.5082
071319BK-01-348	234.2497	16826.56	8.718326	13.69254	1.667403	1.716809	2.052207	0.172917	0.800694	0.390162	1028.164	7.609488	1014.833	13.16856	987.0555	38.43396	987.0555	38.43396	104.1647
071319BK-01-349	268.1851	11524.15	1.533948	13.64099	2.049556	1.500688	2.609155	0.151389	1.448642	0.555215	908.7437	12.27868	930.6657	15.89997	983.822	44.18479	983.822	44.18479	92.36871
071319BK-01-350	665.6069	21781.51	2.097695	16.10192	1.177034	0.876496	1.67598	0.103784	0.75142	0.448347	636.5486	4.554584	639.0886	7.948953	649.0311	32.17277	636.5486	4.554584	98.07675
071319BK-01-351	279.2843	27297.72	3.448235	11.61674	0.863052	2.71828	1.15475	0.230755	0.754028	0.652979	1338.452	9.113487	1333.463	8.571961	1326.285	16.93508	1326.285	16.93508	100.9174
071319BK-01-352	267.5896	24482.17	5.189966	12.56	1.370932	1.973331	1.663495	0.181353	0.802223	0.482251	1074.363	7.938872	1106.445	11.21052	1170.947	28.83757	1170.947	28.83757	91.75161
071319BK-01-353	181.9322	3098.473	1.665359	15.88302	5.528452	0.367455	9.087003	0.045807	1.019376	0.11218	288.7292	2.878296	317.7652	24.79863	537.4639	197.9296	288.7292	2.878296	53.72067
071319BK-01-354	647.6909	19762.89	2.102407	17.25943	2.488217	0.504065	2.729566	0.064009	0.932297	0.341555	399.9587	3.615486	414.4502	9.288709	496.9212	56.54786	399.9587	3.615486	80.48733
071319BK-01-355	265.9427	14948.83	1.374414	14.04741	1.093977	1.529439	1.33431	0.15843	0.65789	0.493056	948.0468	5.800155	942.273	8.192265	929.6996	23.84828	929.6996	23.84828	101.9735
071319BK-01-356	191.6202	27066.35	6.037851	8.397602	0.750863	5.653003	1.103389	0.346355	0.799316	0.724419	1917.167	13.25558	1924.22	9.519904	1932.589	13.61859	1932.589	13.61859	99.20203
071319BK-01-357	393.7921	26406.08	3.925661	12.61784	1.140934	2.007304	1.556597	0.185277	1.043738	0.670525	1095.738	10.51747	1117.981	10.55012	1162.323	22.89287	1162.323	22.89287	94.27135
071319BK-01-358	112.0648	8367.331	1.693193	13.68429	3.247782	1.648188	3.428014	0.167487	0.790268	0.230532	998.2524	7.308404	988.8567	21.66688	968.9352	68.08372	968.9352	68.08372	103.0257
071319BK-01-359	62.05782	1659.72	3.667773	12.53392	9.323687	0.746472	10.07821	0.075895	2.009995	0.19944	471.5747	9.140241	566.1752	43.76569	967.891	202.0332	471.5747	9.140241	48.72188
071319BK-01-360	40.21003	6408.392	1.817734	6.170433	1.615484	10.02582	1.951154	0.453167	0.922881	0.472993	2409.316	18.55273	2437.163	18.01673	2461.213	29.05366	2461.213	29.05366	97.89143
071319BK-01-361	155.8356	3189.439	3.260148	15.23027	4.260836	0.591041	6.545956	0.069977	0.99172	0.151501	436.0181	4.181086	471.5322	24.6959	649.2237	139.0562	436.0181	4.181086	67.15993
071319BK-01-362	221.286	19025.76	1.473654	13.585	1.874809	1.681192	2.108799	0.166976	0.877331	0.416033	995.4308	8.092357	1001.433	13.42702	1015.458	38.85907	1015.458	38.85907	98.02773
071319BK-01-363	132.3526	8011.699	1.737486	12.80754	2.146474	2.081866	2.321735	0.197132	0.680009	0.292888	1159.893	7.218507	1142.85	15.92639	1111.491	44.31981	1111.491	44.31981	104.3547
071319BK-01-364	136.8572	2444.908	2.162913	15.03584	7.602161	0.387165	8.93018	0.046133	1.529567	0.171281	290.7348	4.348194	332.2967	25.31328	635.5157	189.6967	290.7348	4.348194	45.74786
071319BK-01-365	394.3308	50719.77	4.276132	11.56996	0.971711	2.758542	1.212776	0.231126	0.662523	0.546286	1340.399	8.017999	1344.399	9.038205	1351.592	19.59964	1351.592	19.59964	99.17186
071319BK-01-366	462.2556	15809.08	4.418192	17.16633	2.876188	0.628478	2.99138	0.079127	0.721704	0.241261	490.9093	3.411372	495.1474	11.72274	515.7274	63.7884	490.9093	3.411372	95.18776
071319BK-01-367	54.33578	18624.44	2.209032	4.395195	1.017565	18.97625	1.229235	0.603642	0.674194	0.548466	3044.495	16.35972	3040.609	11.85717	3038.732	16.46733	3038.732	16.46733	100.1896
071319BK-01-368	579.0965	14102.7	1.168346	18.03973	2.024266	0.469734	2.560924	0.06221	0.773857	0.302179	389.0498	2.921642	391.0052	8.310931	403.5411	54.65604	389.0498	2.921642	96.40895
071319BK-01-369	436.0492	23608.9	9.253537	13.96561	0.885999	1.618462	1.217752	0.164548	0.5528	0.453951	982.0023	5.035255	977.3945	7.642812	967.9626	22.15662	967.9626	22.15662	101.4504
071319BK-01-370	160.6721	5418.159	3.162018	16.79016	5.516127	0.593529	6.909798	0.075331	0.974435	0.141022	468.1907	4.40048	473.1186	26.13804	498.027	150.8453	468.1907	4.40048	94.0091
071319BK-01-371	290.7678	7022.748	2.478708	17.27411	4.334548	0.54152	4.503018	0.070033	0.834222	0.185258	436.3537	3.519691	439.4261	16.06331	456.5121	98.24132	436.3537	3.519691	95.58425
071319BK-01-372	254.9477	28108.85	1.29797	8.151044	0.814001	6.048808	1.24996	0.357282	0.903742	0.723017	1969.278	15.33574	1982.899	10.89173	1997.893	15.34302	1997.893	15.34302	98.56771
071319BK-01-373	162.6537	19542.9	0.999246	9.834471	1.019668	4.016691	1.347513	0.287129	0.793652	0.588975	1627.167	11.4131	1637.58	10.95546	1651.768	20.185	1651.768	20.185	98.51062
071319BK-01-374	501.1483	17439.13	1.278072	9.888756	0.829076	3.807704	1.785633	0.273923	1.564571	0.8762	1560.685	21.68706	1594.374	14.36073	1639.992	15.97658	1639.992	15.97658	95.16419
071319BK-01-375	148.3434	20983.88	0.839812	8.375345	0.920756	5.886475	1.291655	0.358007	0.809476	0.626697	1972.718	13.75662	1959.242	11.21121	1945.798	17.99412	1945.798	17.99412	101.3835
071319BK-01-376	521.6828	15587.5	37.31459	13.18452	1.0415	2.020097	7.697074	0.194712	7.55007	0.980901	1146.853	79.32707	1122.292	52.32281	1075.944	30.05251	1075.944	30.05251	106.5904
071319BK-01-377	389.0488	57255.01	2.309152	10.96947	0.802564	3.028946	1.177885	0.240629	0.844021	0.716557	1389.964	10.55303	1414.941	8.991748	1453.556	15.63205	1453.556	15.63205	95.62512
071319BK-01-378	191.1808	18893.03	5.965395	9.84403	0.905819	4.086446	1.325376	0.292481	0.780633	0.58899	1653.914	11.38776	1651.601	10.81227	1649.451	19.85899	1649.451	19.85899	100.2705
071319BK-01-379	610.8347	40433.45	2.969897	8.257175	0.612606	5.499855	2.590839	0.328297	2.509184	0.968483	1830.123	39.97866	1900.574	22.2632	1979.155	11.49277	1979.155	11.49277	92.46994
071319BK-01-380	269.2943	3512.557	1.555665	16.90982	5.102945	0.526963	7.81343	0.069091	1.318866	0.168795	430.6752	5.494447	429.7924	27.38601	426.0123	171.9915	430.6752	5.494447	101.0946
071319BK-01-381	95.66555	21899.49	2.277748	7.938392	1.201566	6.523344	1.434468	0.375135	0.743667	0.518427	2053.519	13.07796	2049.054	12.62997	2045.316	21.67777	2045.316	21.67777	100.4011
071319BK-01-382	33.88861	2911.414	0.816816	9.52717	4.863268	4.075438	5.289147	0.293084	0.907621	0.171601	1656.922	13.26138	1649.401	43.14969	1640.624	96.78576	1640.624	96.78576	100.9934
071319BK-01-383	338.001	26166.61	3.942696	10.69757	0.678073	3.282143	1.017746	0.25477	0.723877	0.711255	1463.031	9.47476	1476.827	7.920897	1497.515	13.53139	1497.515	13.53139	97.6972
071319BK-01-384	131.3369	2318.923	2.203105	15.14245	5.694564	0.382589	10.48596	0.046172	1.736163	0.16557	290.9779	4.939534	328.9412	29.47131	607.9795	224.1404	290.9779	4.939534	47.85982
071319BK-01-385	375.5475	5868.277	1.368191	18.14704	2.445176	0.534786	2.746981	0.073335	0.755373	0.274983	456.2194	3.327043	434.9809	9.719212	325.0276	59.96236	456.2194	3.327043	140.3633
071319BK-01-386	67.8756	7042.217	1.910253	9.898946	2.049698	3.949043	2.366463	0.287603	0.910694	0.384833	1629.538	13.113	1623.795	19.17573	1617.155	40.67148	1617.155	40.67148	100.7657
071319BK-01-387	206.6807	6622.268	5.352187	15.77812	1.989178	0.910128	2.42665	0.107319	1.062625	0.437898	657.1566	6.638972	657.1258	11.74077	657.9718	46.80313	657.1566	6.638972	99.87611
071319BK-01-388	195.7356	20153.44	3.09101	11.30236	1.166617	2.989924	1.432173	0.245886	0.674567	0.47101	1417.224	8.58221	1405.059	10.89777	1387.471	24.25523	1387.471	24.25523	102.1444
071319BK-01-389	112.696	28350.42	1.946441	5.181378	0.739643	14.40799	1.015944	0.540107	0.681856	0.671155	2783.897	15.41489	2776.957	9.646505	2772.622	12.35	2772.622	12.35	100.4066
071319BK-01-390	130.8542	10901.92	5.328574	8.084913	0.873513	6.284126	1.273472	0.370433	0.896359	0.70387	2031.439	15.61899	2016.244	11.15589	2001.474	16.06627	2001.474	16.06627	101.4972
071319BK-01-391	1055.65	23220.41	1.582643	17.6053	1.257486	0.587674	1.554642	0.075525	0.624997	0.40202	469.3557	2.829213	469.3815	5.84306	470.4922	31.51846	469.3557	2.829213	99.75844
071319BK-01-392	289.9959	3738.006	2.003052	16.43875	5.457654	0.366821	5.95871	0.046489	0.83733	0.140522	292.9319	2.397912	317.2946	16.23909	501.2647	130.0097	292.9319	2.397912	58.43856
071319BK-01-393	311.3835	13851.7	1.585964	13.28361	1.182761	1.601199	2.715964	0.155565	2.368036	0.871895	932.0811	20.5506	970.6781	16.9772	1060.004	26.77565	1060.004	26.77565	87.93189
071319BK-01-394	355.6249	57460.48	3.429472	5.497931	0.647781	12.66671	0.979491	0.502984	0.726549	0.741762	2626.609	15.67416	2655.189	9.218117	2677.744	10.86706	2677.744	10.86706	98.09037
071319BK-01-395	541.606	56979.56	2.00709	11.03895	0.607803	3.158388	0.89237	0.252205	0.608453	0.68184	1449.837	7.899938	1447.05	6.882115	1443.77	12.43603	1443.77	12.43603	100.4202
071319BK-01-396	837.1105	85337.04	14.65447	7.925076	0.552995	6.137893	0.880221	0.351355	0.680279	0.77285	1941.064	11.40203	1995.652	7.685629	2053.415	9.862992	2053.415	9.862992	94.52858
071319BK-01-397	405.7243	15755.56	1.761893	18.0487	3.128746	0.538298	3.376564	0.071267	0.815069	0.24139	443.7842	3.49545	437.3015	11.99795	404.265	73.36382	443.7842	3.49545	109.7755
071319BK-01-398	173.254	10153.14	1.757552	10.27038	3.191541	3.757019	4.230963	0.281917	2.430434	0.57444	1601.008	34.45618	1583.613	33.94215	1561.324	64.96793	1561.324	64.96793	102.5417
071319BK-01-399	611.2825	17876.28	2.186785	17.90969	1.550184	0.555898	2.084658	0.072787	0.652001	0.312761	452.9275	2.851736	448.8529	7.562871	428.9773	44.16157	452.9275	2.851736	105.5831
071319BK-01-400	137.4908	17634.44	1.454521	8.239857	0.937315	6.176908	1.260404	0.368965	0.748784	0.594083	2024.529	13.00973	2001.187	11.01515	1977.932	18.05712	1977.932	18.05712	102.3559
071319BK-01-401	201.2557	9434.583	2.448612	17.16311	2.45223	0.6457	2.887458	0.082008	0.745958	0.258344	508.095	3.644657	505.8289	11.50387	496.5318	61.48534	508.095	3.644657	102.3288

071319BK-01-402	81.50044	1471.056	2.515518	11.77276	13.87042	0.483495	16.52837	0.046266	1.913035	0.115742	291.5561	5.453319	400.4677	54.75028	1090.46	331.0475	291.5561	5.453319	26.73697
071319BK-01-403	254.6979	54428.13	3.32004	7.78525	0.79075	6.891553	1.071722	0.387521	0.721676	0.67338	2111.323	12.99324	2097.571	9.503411	2084.855	13.93834	2084.855	13.93834	101.2695
071319BK-01-404	1038.151	77698.73	2.063208	13.19003	0.702449	1.938642	0.995584	0.18479	0.692607	0.695679	1093.089	6.963728	1094.53	6.669065	1098.249	14.31114	1098.249	14.31114	99.53009
071319BK-01-405	445.9739	44984.66	4.832313	7.940183	0.679657	6.414135	1.010019	0.367707	0.732997	0.725726	2018.6	12.70368	2034.207	8.872544	2050.826	12.27336	2050.826	12.27336	98.42865
071319BK-01-406	690.0891	24823.56	1.904658	11.20299	0.784977	2.335319	1.493589	0.190393	1.266244	0.847787	1123.504	13.05561	1223.098	10.61905	1404.109	15.17196	1404.109	15.17196	80.01548
071319BK-01-407	253.8097	9076.42	3.232511	16.13458	3.246061	0.611999	4.209479	0.073292	0.895375	0.212705	455.9608	3.941524	484.8202	16.22861	624.5839	88.73033	455.9608	3.941524	73.00233
071319BK-01-408	287.9819	10307.76	1.058112	17.3909	3.128373	0.529429	3.257069	0.068258	0.750523	0.230429	425.6549	3.091452	431.4306	11.44863	463.3751	70.25828	425.6549	3.091452	91.85968
071319BK-01-409	342.2944	42394.6	2.520027	9.700153	0.696652	4.098052	1.156701	0.288366	0.901289	0.779189	1633.358	13.00431	1653.915	9.441404	1680.914	13.3894	1680.914	13.3894	97.17081
071319BK-01-410	352.0773	68136.46	3.986628	8.136418	0.659738	6.121471	0.913459	0.361056	0.630528	0.690264	1987.179	10.78256	1993.313	7.972856	2000.434	11.73966	2000.434	11.73966	99.33741
071319BK-01-411	685.1337	16756.1	0.885232	18.27387	1.581432	0.462658	2.127993	0.06194	0.703943	0.330801	387.4125	2.646833	386.105	6.834772	379.2335	45.14225	387.4125	2.646833	102.1567
071319BK-01-412	360.1797	14923.65	3.345256	16.93449	2.098941	0.626172	2.737322	0.07773	0.613718	0.224204	482.5586	2.853419	493.7086	10.70284	546.6937	58.27031	482.5586	2.853419	88.26856
071319BK-01-413	175.618	12117.16	3.496027	12.78005	1.554526	2.139904	1.782678	0.200156	0.65522	0.367548	1176.158	7.044275	1161.793	12.33679	1135.954	32.98375	1135.954	32.98375	103.5392
071319BK-01-414	150.0403	17957.14	1.711921	8.556655	0.872961	5.55341	1.098254	0.344792	0.64495	0.58725	1909.682	10.65974	1908.905	9.450123	1908.828	15.96305	1908.828	15.96305	100.0447
071319BK-01-415	298.096	11172.04	2.662337	17.48786	2.92206	0.548758	3.56041	0.070912	0.717108	0.201412	441.6452	3.061018	444.1827	12.81003	458.3239	77.38229	441.6452	3.061018	96.36092
071319BK-01-416	151.114	16206.14	2.447344	8.709143	0.98234	5.321641	1.202561	0.338777	0.666175	0.553964	1880.785	10.86708	1872.345	10.27939	1863.759	18.0743	1863.759	18.0743	100.9135
071319BK-01-417	57.84755	7301.856	0.806182	6.902691	1.80185	7.93614	1.98425	0.402442	0.724131	0.364939	2180.276	13.39537	2223.794	17.89495	2264.857	31.86654	2264.857	31.86654	96.26551
071319BK-01-418	126.2016	8642.767	2.054666	12.33977	1.658145	2.207861	1.853064	0.201773	0.648914	0.350184	1184.838	7.023386	1183.535	12.95091	1182.033	34.30042	1182.033	34.30042	100.2373
071319BK-01-419	592.9274	93133.36	4.489125	9.869083	0.617953	4.132761	0.911313	0.296407	0.665471	0.730233	1673.469	9.808331	1660.805	7.450653	1645.619	11.55012	1645.619	11.55012	101.6924
071319BK-01-420	532.6769	20306.83	3.210163	17.542	1.899006	0.610494	2.059817	0.078704	0.696139	0.337962	488.3798	3.274211	483.8713	7.928473	463.5565	42.96563	488.3798	3.274211	105.355
071319BK-01-421	242.7284	10035.63	2.223614	16.38854	2.62456	0.845749	3.137199	0.10284	0.887853	0.283008	631.0296	5.337134	622.3131	14.59724	591.6729	65.25078	631.0296	5.337134	106.6518
071319BK-01-422	66.07658	1864.162	2.057075	11.44202	15.61869	1.013134	17.76848	0.092332	1.329574	0.074828	569.3133	7.244825	710.4563	91.04082	1187.524	352.6389	569.3133	7.244825	47.94121
071319BK-01-423	783.4095	81274.94	6.134426	4.58259	0.609955	15.4313	1.028201	0.514743	0.826276	0.803613	2676.845	18.10072	2842.248	9.805104	2962.415	9.870013	2962.415	9.870013	90.36023
071319BK-01-424	697.467	53821.6	1.890722	12.36413	0.91523	2.30161	1.28704	0.207681	0.871591	0.677206	1216.452	9.662209	1212.784	9.110444	1207.136	18.63178	1207.136	18.63178	100.7718
071319BK-01-425	307.0804	23930.25	2.048238	11.75534	0.995932	2.673499	1.368855	0.228863	0.868607	0.63455	1328.539	10.42832	1321.16	10.11584	1310.037	20.53276	1310.037	20.53276	101.4123
071319BK-01-426	145.6488	15114.46	2.993291	11.54727	1.70787	2.886047	1.989736	0.242534	0.98505	0.495066	1399.859	12.39487	1378.273	15.00556	1345.814	33.38413	1345.814	33.38413	104.0158
071319BK-01-427	417.4022	18587.17	2.730235	17.36807	2.250841	0.690913	2.762578	0.087586	0.930487	0.336818	541.2469	4.830604	533.3488	11.46212	500.6859	57.2918	541.2469	4.830604	108.1011
071319BK-01-428	182.6633	7542.875	3.53505	16.69646	4.752638	0.579322	5.098599	0.071955	1.136621	0.222928	447.9202	4.918305	464.0259	18.99245	545.5119	108.6859	447.9202	4.918305	82.11007
071319BK-01-429	404.2798	11899.21	1.536153	16.92336	3.38605	0.563085	3.704144	0.070057	0.901444	0.243361	436.4963	3.804514	453.5324	13.54986	541.7702	78.57128	436.4963	3.804514	80.56853
071319BK-01-430	43.44516	6499.391	1.910683	9.565107	3.642235	4.327938	3.911282	0.304233	1.203622	0.307731	1712.263	18.09923	1698.7	32.27135	1682.793	68.72818	1682.793	68.72818	101.7512
071319BK-01-431	282.5218	31319.97	3.408968	10.17703	1.083409	3.792815	1.415878	0.278086	0.906781	0.640437	1581.716	12.71862	1591.225	11.37745	1604.641	20.27845	1604.641	20.27845	98.57136
071319BK-01-432	379.1233	12524.03	1.16477	17.42762	2.736509	0.541799	3.393659	0.069121	1.405956	0.414289	430.8594	5.859691	439.6101	12.10958	486.6317	68.20831	430.8594	5.859691	88.53911
071319BK-01-433	637.769	50162.04	5.621558	13.09441	0.803042	1.887865	1.705882	0.177957	1.497449	0.877815	1055.805	14.58334	1076.831	11.32377	1120.531	16.30228	1120.531	16.30228	94.2236
071319BK-01-434	306.3433	14785.9	1.05859	17.10607	3.996472	0.503143	4.367548	0.062785	0.677726	0.155173	392.5402	2.580968	413.8276	14.84532	535.263	94.50269	392.5402	2.580968	73.33594
071319BK-01-435	171.5669	31959.84	1.469473	8.150446	0.742928	6.075379	0.983973	0.357401	0.635316	0.645664	1969.843	10.78342	1986.72	8.57921	2005.083	13.33929	2005.083	13.33929	98.24249
071319BK-01-436	270.9159	4568.796	1.565142	15.70069	5.596351	0.398502	5.936201	0.047559	0.826529	0.139235	299.5154	2.418952	340.5609	17.17699	632.1127	126.6701	299.5154	2.418952	47.38323
071319BK-01-437	120.2841	23232.38	1.241103	8.160853	1.087815	6.288378	1.273602	0.372394	0.620442	0.487155	2040.655	10.85284	2016.836	11.15807	1993.299	19.77419	1993.299	19.77419	102.3758
071319BK-01-438	1085.909	26144.04	2.139991	17.84048	1.173817	0.516346	1.480327	0.067202	0.763473	0.515746	419.278	3.099194	422.7074	5.118393	442.4027	28.22935	419.278	3.099194	94.77294
071319BK-01-439	261.1476	9175.831	2.57776	17.4478	3.358745	0.561163	4.477288	0.072918	1.390519	0.310572	453.711	6.092039	452.2829	16.34267	445.9769	94.65461	453.711	6.092039	101.7342
071319BK-01-440	620.8484	15054.35	3.320362	17.70811	2.15058	0.569799	2.407824	0.074148	0.605274	0.251378	461.0948	2.693413	457.8843	8.874484	442.7505	51.8357	461.0948	2.693413	104.1433
071319BK-01-441	232.8422	19511.58	0.491522	10.12451	0.823789	3.507876	1.026247	0.258364	0.549394	0.535343	1481.469	7.271583	1528.99	8.108929	1596.172	16.18344	1596.172	16.18344	92.81386
071319BK-01-442	831.9188	12085.31	1.75226	17.72967	1.611002	0.513314	2.294274	0.067169	0.53751	0.234283	419.0764	2.180918	420.6751	7.902018	430.3966	49.71551	419.0764	2.180918	97.36984
071319BK-01-443	169.4368	17839.84	3.017554	10.90378	1.019679	3.243539	1.260042	0.257632	0.655933	0.520565	1477.713	8.662115	1467.632	9.779561	1453.887	20.46864	1453.887	20.46864	101.6388
071319BK-01-444	261.7305	5815.707	1.205224	17.08876	4.285279	0.53462	5.475902	0.069014	0.845823	0.154463	430.212	3.520067	434.8708	19.37235	460.5615	120.0421	430.212	3.520067	93.41033
071319BK-01-445	228.422	5545.517	2.388834	17.28747	3.156423	0.55381	4.099479	0.072743	0.82296	0.200748	452.6596	3.597427	447.4898	14.83722	421.9519	89.67039	452.6596	3.597427	107.2775
071319BK-01-446	306.5785	21180.77	1.56012	9.324052	0.731696	3.975298	1.167599	0.270456	0.736637	0.630899	1543.116	10.10901	1629.167	9.472983	1742.916	16.59835	1742.916	16.59835	88.53645
071319BK-01-447	396.2405	4258.459	2.285619	17.88867	2.397489	0.545541	2.666046	0.075412	0.685357	0.257069	468.6791	3.098136	442.0716	9.555587	306.787	58.679	468.6791	3.098136	152.7702
071319BK-01-448	240.7187	5593.466	1.688962	16.87295	3.827602	0.571176	4.122472	0.073106	0.73645	0.178643	454.8431	3.234251	458.7747	15.21826	479.4542	89.68223	454.8431	3.234251	94.86684
071319BK-01-449	326.9467	23470.7	4.789044	15.53471	2.247848	0.992769	2.416585	0.113303	0.710759	0.294117	691.9041	4.663049	700.1319	12.22487	727.534	48.9695	691.9041	4.663049	95.10264
071319BK-01-450	356.8787	10017.03	1.609828	17.20987	2.2569	0.531718	2.931115	0.06807	0.747165	0.254908	424.5205	3.069683	432.9491	10.3319	478.9823	62.65858	424.5205	3.069683	88.62967
071319BK-01-451	30.16078	3726.326	0.894872	8.562194	5.024495	5.039733	5.173167	0.322979	1.013209	0.195859	1804.262	15.94555	1826.024	43.85773	1851.706	91.77468	1851.706	91.77468	97.43781
071319BK-01-452	266.1636	25101.41	1.489805	12.62208	1.371798	2.159306	1.892806	0.199744	1.19924	0.633578	1173.943	12.87092	1168.048	13.1366	1157.981	29.05729	1157.981	29.05729	101.3785
071319BK-01-453	219.8702	36852.89	1.718192	5.251046	0.635422	13.77143	0.940941	0.525818	0.690482	0.733821	2723.809	15.33925	2734.117	8.907583	2742.44	10.51098	2742.44	10.51098	99.32066
071319BK-01-454	473.3971	52582.57	2.299351	11.18894	0.814048	2.991839	1.090533	0.243719	0.700337	0.642197	1406.004	8.846944	1405.546	8.299339	1405.668	16.00811	1405.668	16.00811	100.0239
071319BK-01-455	121.4466	18642.84	2.409904	10.35973	1.751629	3.524444	2.035144	0.267091	0.79981	0.392999	1526.019	10.86818	1532.715	16.09855	1542.769	35.18371	1542.769	35.18371	98.9143
071319BK-01-456	146.6521	3391.316	2.096528	13.54368	6.952102	0.455405	7.354698	0.047496	1.441518	0.196	299.1323	4.213531	381.0572	23.37144	915.7238	148.5798	299.1323	4.213531	32.66622
071319BK-01-457	506.2419	7710.517	1.889937	5.966723	0.624736	8.695321	1.934957	0.380968	1.826882	0.944146	2080.803	32.48905	2306.588	17.62253	2513.737	10.71714	2513.737	10.71714	82.77725
071319BK-01-458	163.568	21242.96	1.692294	9.30875	1.056516	4.377926	1.733921	0.298103	1.323254	0.763157	1681.896	19.58936	1708.182	14.33315	1741.353	20.5347	1741.353	20.5347	96.5856
071319BK-01-459	127.6188	1939.233	2.493998	13.63227	5.858125	0.423266	7.63798	0.046678	2.068924	0.270873	294.0945	5.947886	358.3839	23.06804	799.8191	154.2323	294.0945	5.947886	36.77013
071319BK-01-460	342.2485	10487	2.434496	17.22092	3.498959	0.552978	3.692252	0.070937	0.740897	0.200663	441.7974	3.163619	446.9454	13.35023	474.4979	80.02647	441.7974	3.163619	93.10841
071319BK-01-461	390.1007	49631.95	5.015886	10.87156	0.621467	3.272873	0.833526	0.259055	0.519163	0.622852	1485.003	6.886033	1474.627	6.48282	1460.534	12.39522	1460.534	12.39522	101.6753
071319BK-01-462	208.4164	25605.44	1.963335	9.777535	0.903106	4.165934	1.071633	0.296973	0.563041	0.525405	1676.281	8.310833	1667.346	8.775062	1656.905	16.88911	1656.905	16.88911	101.1694
071319BK-01-463	144.2185	3308.028	2.295003	10.45405	1.385652	3.325655	2.449347	0.263726	0.627124	0.256037	1508.876	8.436686	1487.093	19.12304	1456.973	45.03295	1456.973	45.03295	103.5624
071319BK-01-464	157.8264	4683.56	3.402846	15.71535	4.491234	0.586717	5.74425	0.070288	0.831353	0.144728	437.8878	3.519505	468.7691	21.57038	623.8819	122.6481	437.8878	3.519505	70.18761
071319BK-01-465	543.2288	71505.87	1.102147	12.23052	0.670524	2.399659	0.895113	0.213373	0.575022	0.642401	1246.762	6.518498	1242.499	6.415462	1235.988	13.47185	1235.988	13.47185	100.8717
071319BK-01-466	345.3608	16859.47	2.120745	13.79118	1.417598	1.483898	1.807918	0.150176	0.945958	0.523231	901.9481	7.962065	923.8252	10.9672	977.3053	31.40036	977.3053	31.40036	92.28929
071319BK-01-467	294.6155	30275.39	2.022406	12.78538	1.572526	2.086476	1.682981	0.194453	0.549056	0.32624	1145.452	5.762098	1144.367	11.55256	1143.159	31.64408	1143.159	31.64408	100.2006
071319BK-01-468	213.7066	22527.3	1.276127	9.658558	0.81416	4.313952	1.058187	0.30302	0.605492	0.572198	1706.269	9.077113	1696.031	8.722898	1684.187	16.02057	1684.187	16.02057	101.3111
071319BK-01-469	213.5095	18745.82	9.552578	11.12154	1.013457	3.125982	1.3769	0.253447	0.75399	0.5476	1456.228	9.828002	1439.106	10.59271	1414.706	22.03603	1414.706	22.03603	102.935
071319BK-01-470	140.165	26290.28	2.595067	7.723696	0.809103	6.949877	1.038135	0.389596	0.644708	0.621025	2120.953	11.65219	2105.048	9.215364	2090.289	14.30756	2090.289	14.30756	101.467
071319BK-01-471	98.42449	1941.926	2.399224	12.08006	11.75156	0.488384	13.01991	0.046793	1.888329	0.145034	294.8009	5.441443	403.8089	43.40594	1087.973	259.2063	294.8009	5.441443	27.09635
071319BK-01-472	246.3708	7753.375	1.941794	15.83354	4.509085	0.575221	4.854723	0.067972	0.895797	0.184521	423.9269	3.675351	461.3858	18.00252	653.3904	102.442	423.9269	3.675351	64.8811
071319BK-01-473	913.0997	31752.64	2.679635	17.92032	0.979447	0.533251	1.239554	0.069846	0.631418	0.509391	435.2265	2.657383	433.9646	4.3774	428.2217	23.7827	435.2265	2.657383	101.6358
071319BK-01-474	282.0107	15252.55	1.271234	13.14169	1.162302	1.852839	1.402015	0.178694	0.676701	0.482663	1059.837	6.613398	1064.441	9.246026	1074.782	24.6406	1074.782	24.6406	98.60951
071319BK-01-475	496.9989	15311.71	2.940709	17.03523	3.509628	0.56706	3.685354	0.071176	0.686578	0.186299	443.2344	2.940887	456.1116	13.54186	522.4615	79.4516	443.2344	2.940887	84.83579
071319BK-01-476	497.6694	25913.16	2.782359	13.10478	0.824536	1.89706	2.56247	0.181516	2.416987	0.943226	1075.25	23.93698	1080.059	17.03935	1090.629	17.04794	1090.629	17.04794	98.58991
071319BK-01-477	577.5504	41881.86	2.705458	17.38641	1.649951	0.588994	1.80524	0.074798	0.703168	0.389515	464.9999	3.154589	470.225	6.794539	496.7532	36.63966	464.9999	3.154589	93.60782
071319BK-01-478	149.586	15576.87	1.794315	9.427781	0.931732	4.515774	1.314795	0.312161	0.735511	0.559412	1751.333	11.27976	1733.88	10.93026	1713.669	20.04217	1713.669	20.04217	102.1978
071319BK-01-479	202.8069	12426.64	0.975196	16.15004	3.882337	0.815854	4.030229	0.097649	0.725468	0.180007	600.6164	4.160456	605.7328	18.38817	625.8394	85.50144	600.6164	4.160456	95.96973
071319BK-01-480	615.4045	16974.03	3.616825	17.6294	2.195645	0.611005	2.578521	0.079531	0.601575	0.233303	493.3253	2.857011	484.1935	9.930295	442.1401	55.77596	493.3253	2.857011	111.5767
071319BK-01-481	595.0966	38362.44	10.25137	16.35639	1.66219	0.877075	1.835122	0.104966	0.601909	0.327994	643.4486	3.685958	639.4018	8.706841	626.0464	37.36153	643.4486	3.685958	102.7797
071319BK-01-482	556.6348	121539.1	3.020997	5.35798	0.533107	12.78093	1.285299	0.498712	1.168686	0.909271	2608.259	25.06974	2663.64	12.10427	2706.669	8.828375	2706.669	8.828375	96.36419
071319BK-01-483	412.5462	54612.04	1.348374	7.858845	0.536168	6.546536	0.800842	0.374937	0.591718	0.73887	2052.591	10.40182	2052.179	7.054201	2052.518	9.529669	2052.518	9.529669	100.0035
071319BK-01-484	510.5775	16709.43	1.793324	17.30658	1.489728	0.531226	1.835112	0.067896	0.6189	0.337255	423.468	2.536616	432.623	6.464552	482.648	38.15969	423.468	2.536616	87.73848
071319BK-01-485	493.7114	22538.91	5.684682	17.0525	2.005585	0.724635	2.307665	0.090879	0.69175	0.299762	560.7359	3.714974	553.3995	9.845515	524.2575	48.2698	560.7359	3.714974	106.9581
071319BK-01-486	168.6247	12463.92	5.27612	12.71578	2.098728	2.10953	2.619744	0.197973	0.679466	0.259363	1164.424	7.238454	1151.923	18.04785	1129.322	50.42122	1129.322	50.42122	103.1083
071319BK-01-487	246.3786	23409.2	1.738299	9.84878	0.96696	3.55518	3.555634	0.255845	3.404097	0.957381	1468.55	44.70624	1539.59	28.18477	1639.351	19.06549	1639.351	19.06549	89.58118
071319BK-01-488	48.50183	3236.067	3.059825	12.43742	5.896137	2.10573	6.420717	0.201441	0.921675	0.143547	1183.058	9.961902	1150.682	44.23102	1091.032	127.3966	1091.032	127.3966	108.4347
071319BK-01-489	383.9343	36273.58	1.669642	9.329933	0.660746	4.553712	0.922114	0.310065	0.628478	0.681562	1741.027	9.588898	1740.84	7.67724	1741.399	12.3652	1741.399	12.3652	99.97868
071319BK-01-490	147.6675	3394.539	2.062095	14.49569	6.348311	0.423577	7.024977	0.047582	1.177603	0.167631	299.6622	3.44807	358.6059	21.22706	761.0301	146.1852	299.6622	3.44807	39.37587
071319BK-01-491	213.1673	31806.67	1.924042	9.011703	0.701256	4.86694	1.046063	0.320198	0.702359	0.67143	1790.694	10.98137	1796.551	8.811363	1804.133	14.09603	1804.133	14.09603	99.25511
071319BK-01-492	446.0819	11923.95	1.712405	17.69089	2.783833	0.51988	3.153754	0.068365	0.712054	0.22578	426.2964	2.937272	425.0711	10.95389	419.3819	68.6242	426.2964	2.937272	101.6487
071319BK-01-493	965.7347	121429.2	3.209483	10.67713	0.604173	3.321061	0.89813	0.258822	0.657173	0.731712	1483.814	8.710348	1486.014	7.009107	1489.962	11.59053	1489.962	11.59053	99.58739
071319BK-01-494	306.4348	34901.33	1.402338	9.333661	0.78429	4.134008	1.13413	0.281641	0.791448	0.697846	1599.622	11.21168	1661.052	9.272985	1740.398	14.88814	1740.398	14.88814	91.91127
071319BK-01-495	133.7566	4834.034	4.383409	14.34334	5.424399	0.720299	5.665157	0.078481	0.98038	0.173054	487.0492	4.59901	550.8434	24.08975	825.0879	116.5422	487.0492	4.59901	59.02998
071319BK-01-496	295.5617	11081.64	4.003446	16.98878	2.550582	0.560992	2.888536	0.07085	0.809831	0.28036	441.2773	3.454033	452.1722	10.54094	508.907	60.98517	441.2773	3.454033	86.71081
071319BK-01-497	70.02258	4373.52	1.359703	4.219107	0.789512	18.89758	1.419674	0.583269	0.762896	0.537374	2962.074	18.11753	3036.603	13.6915	3086.987	19.10529	3086.987	19.10529	95.95359
071319BK-01-498	289.4978	7649.277	1.650227	16.91857	3.332556	0.50439	3.75097	0.06381	0.756194	0.2016	398.756	2.924003	414.6697	12.77034	505.1497	80.86584	398.756	2.924003	78.93819
071319BK-01-499	202.453	6877.56	3.07411	18.00728	3.208104	0.512426	3.438513	0.069135	0.975185	0.283607	430.9409	4.065083	420.0789	11.82979	361.8336	74.38952	430.9409	4.065083	119.0992
071319BK-01-500	156.3345	20604.97	1.105053	9.767295	0.966281	4.149881	1.295431	0.295085	0.84657	0.653504	1666.891	12.43456	1664.186	10.59982	1661.566	18.15175	1661.566	18.15175	100.3205
071319BK-01-501	68.67832	6238.28	1.081137	8.07408	1.706457	5.228928	3.288916	0.310738	2.675991	0.813639	1744.34	40.89663	1857.343	28.04093	1987.081	34.01998	1987.081	34.01998	87.78404
071319BK-01-502	148.3156	17137.61	0.953007	9.74569	1.201948	4.15849	1.496934	0.295428	0.868784	0.580375	1668.6	12.7723	1665.882	12.25369	1663.246	22.56247	1663.246	22.56247	100.3219
071319BK-01-503	741.5401	41377.82	2.438257	12.01721	0.730798	2.15524	2.57377	0.188098	2.445587	0.950197	1111.064	24.95948	1166.741	17.85285	1272.462	15.63177	1272.462	15.63177	87.31603
071319BK-01-504	1246.219	47020.7	22.21971	14.09311	0.723048	1.526903	1.072723	0.155727	0.734146	0.684376	932.9843	6.376881	941.2545	6.581828	961.5661	15.98282	961.5661	15.98282	97.02758
071319BK-01-505	308.6904	53795.67	1.741495	8.50455	0.701052	5.693112	1.022681	0.350613	0.728859	0.712694	1937.525	12.19717	1930.323	8.832889	1923.366	12.85817	1923.366	12.85817	100.7362
071319BK-01-506	56.00824	4994.403	2.912967	9.067605	2.088682	4.791647	2.388417	0.321903	0.855445	0.358164	1799.018	13.42879	1783.436	20.06685	1766.03	40.74637	1766.03	40.74637	101.8679
071319BK-01-507	474.95	27072.87	2.711036	10.34996	0.743591	3.547857	1.113513	0.266754	0.800323	0.718736	1524.303	10.86431	1537.956	8.820549	1557.578	14.5276	1557.578	14.5276	97.8637
071319BK-01-508	168.0636	4643.535	2.54822	17.06324	4.13752	0.61362	6.651367	0.079939	1.370898	0.206108	495.7567	6.541559	485.8408	25.68809	440.2821	144.9457	495.7567	6.541559	112.5998
071319BK-01-509	606.0161	15348.55	3.958101	17.57064	1.909293	0.60929	2.416303	0.078611	0.964251	0.39906	487.8278	4.530309	483.1122	9.289305	461.7423	49.11698	487.8278	4.530309	105.6494
071319BK-01-510	346.1584	8189.048	2.073538	17.48429	2.388914	0.572413	2.973894	0.074426	1.133714	0.381222	462.7656	5.062553	459.5739	10.99297	444.5967	61.15165	462.7656	5.062553	104.0866
071319BK-01-511	158.9716	11307.71	2.53398	11.8451	2.102886	2.385556	3.187913	0.206639	2.253074	0.706755	1210.889	24.87319	1238.278	22.8123	1287.09	43.89622	1287.09	43.89622	94.07959

071319BK-01-512	201.4044	5603.637	2.593798	17.4588	3.630453	0.610466	5.653188	0.080447	0.981048	0.173539	498.7888	4.708839	483.8543	21.76206	414.6633	124.5091	498.7888	4.708839	120.2877
071319BK-01-513	968.1564	232222.2	18.49203	4.491335	0.801476	18.36278	1.144568	0.594363	0.816896	0.713715	3007.085	19.63137	3008.938	11.02197	3010.863	12.87757	3010.863	12.87757	99.87453
071319BK-01-514	158.3893	5263.254	3.17452	15.49952	5.903656	0.608727	7.010356	0.071003	1.274366	0.181783	442.1963	5.446269	482.7573	26.94092	681.1825	147.4215	442.1963	5.446269	64.91598
071319BK-01-515	289.1858	5253.541	1.55758	17.31116	4.556839	0.361385	5.705818	0.047279	1.139817	0.199764	297.7924	3.317083	313.2484	15.3805	430.8599	124.6833	297.7924	3.317083	69.11583
071319BK-01-516	171.6089	7275.223	1.161653	16.2675	4.278132	0.741293	4.602053	0.089739	0.902784	0.19617	553.9911	4.792468	563.16	19.89552	601.2975	97.71978	553.9911	4.792468	92.13261
071319BK-01-517	1155.544	62467.92	2.988534	16.58087	0.872312	0.777141	1.230162	0.093142	0.856683	0.696399	574.0908	4.705504	583.8513	5.462285	622.9154	19.06145	574.0908	4.705504	92.16193
071319BK-01-518	902.4404	35524.15	3.920717	18.18722	1.329427	0.516702	1.545083	0.068175	0.712722	0.461284	425.1526	2.932394	422.9458	5.344727	411.885	30.65279	425.1526	2.932394	103.2212
071319BK-01-519	454.9446	58888.65	1.988145	9.716709	0.678002	4.384097	1.018787	0.308351	0.757161	0.743199	1732.585	11.50344	1709.346	8.423458	1681.772	12.58711	1681.772	12.58711	103.0214
071319BK-01-520	667.5846	22765.89	1.460086	17.66895	1.682621	0.571947	1.902319	0.073981	0.708186	0.372275	460.097	3.144781	459.2731	7.028105	456.111	39.18691	460.097	3.144781	100.8739
071319BK-01-521	193.9925	11229.61	7.35144	13.55822	2.473764	1.567427	3.672261	0.156511	2.565355	0.698576	937.3591	22.38014	957.4091	22.76803	1004.627	53.33307	1004.627	53.33307	93.30418
071319BK-01-522	128.8407	16062.3	1.314613	8.648918	0.974794	5.388415	1.394467	0.339781	0.851973	0.610967	1885.614	13.92867	1883.014	11.94335	1880.916	19.88857	1880.916	19.88857	100.2498
071319BK-01-523	597.4207	13811.2	2.16747	18.02688	1.568861	0.527568	2.344469	0.070308	0.683472	0.291525	438.0136	2.894261	430.1942	8.221701	389.4837	50.32493	438.0136	2.894261	112.4601
071319BK-01-524	1714.109	34515.19	1.22962	9.363535	0.633667	4.440162	1.014068	0.302141	0.789979	0.779019	1701.916	11.81641	1719.865	8.404154	1742.563	11.64969	1742.563	11.64969	97.66741
071319BK-01-525	268.941	15628.92	9.669674	13.95901	1.552554	1.673854	1.975984	0.171359	0.75237	0.380757	1019.596	7.095239	998.6506	12.56075	953.8345	37.36433	953.8345	37.36433	106.8944
071319BK-01-526	401.9098	952.1282	1.75379	15.23494	2.560068	0.499742	6.199933	0.072022	0.729466	0.117657	448.3284	3.159274	411.5275	20.98011	211.0067	142.7965	448.3284	3.159274	212.4712
071319BK-01-527	274.2824	25583.86	2.1226	12.31167	1.030527	2.368293	1.356863	0.212555	0.695709	0.512734	1242.414	7.861684	1233.087	9.687344	1217.672	22.90653	1217.672	22.90653	102.0319
071319BK-01-528	94.24549	9201.437	0.72512	10.62725	1.679888	3.219045	2.518162	0.251727	1.527255	0.606496	1447.375	19.79936	1461.754	19.51102	1483.519	37.94188	1483.519	37.94188	97.56359
071319BK-01-529	745.4154	23017.42	3.341002	17.85409	1.410305	0.548266	1.947778	0.071554	0.855899	0.439423	445.5122	3.684356	443.8599	7.003609	436.2514	38.96783	445.5122	3.684356	102.1228
071319BK-01-530	760.7787	17776.46	5.867196	18.09029	2.006155	0.533848	2.199951	0.070848	0.706149	0.320984	441.2634	3.011725	434.3604	7.774759	398.875	46.69777	441.2634	3.011725	110.627
071319BK-01-531	171.815	2657.883	1.778141	14.32811	9.08858	0.418557	9.475762	0.046996	1.208612	0.127548	296.0508	3.497188	355.0185	28.3965	762.0485	198.518	296.0508	3.497188	38.84935
071319BK-01-532	61.68253	10313.67	1.453498	5.285984	1.11473	13.58407	1.312861	0.522151	0.604062	0.460111	2708.295	13.35791	2721.155	12.41714	2731.423	19.18964	2731.423	19.18964	99.15325
071319BK-01-533	332.1342	22451.65	4.843511	12.1204	0.880898	2.523692	1.159565	0.222758	0.660734	0.569812	1296.434	7.759579	1278.885	8.432828	1250.355	18.65024	1250.355	18.65024	103.6853
071319BK-01-534	229.9544	15342.1	1.326851	8.797685	0.861718	4.550282	3.234766	0.294606	3.07657	0.951095	1664.506	45.13321	1740.213	26.93382	1833.216	18.10569	1833.216	18.10569	90.79707
071319BK-01-535	260.4046	5424.669	1.506308	17.16986	3.784449	0.360151	4.485057	0.047258	0.717251	0.15992	297.6622	2.086443	312.3272	12.05912	424.2284	98.80077	297.6622	2.086443	70.16556
071319BK-01-536	646.0667	15830.53	8.82153	17.84314	1.316707	0.522823	1.610053	0.069138	0.600659	0.373068	430.9629	2.503985	427.0357	5.612804	406.8477	33.43212	430.9629	2.503985	105.9273

Unit: TRcs
Sample: 071919BK-01

				Isotope ratios						Apparent ages (Ma)								
Analysis	U (ppm)	206Pb 204Pb	U/Th	206Pb* 207Pb*	± (%)	207Pb* 235U	± (%)	206Pb* 238U	± (%)	error corr.	206Pb* 238U	± (Ma)	207Pb* 235U	± (Ma)	206Pb* 207Pb*	± (Ma)	Best age (Ma)	± (Ma)	Conc (%)
071919BK-01 -1	201.3247	9663.762	1.019396	15.98264	3.388763	0.790209	3.626803	0.093697	0.805422	0.222075	577.3674	4.448079	591.2903	16.25658	646.0455	75.98335	577.3674	4.448079	89.36947
071919BK-01 -2	334.4322	56747.33	2.502067	9.275563	0.625637	4.687196	0.910579	0.315509	0.65755	0.722123	1767.762	10.16637	1764.956	7.620276	1762.417	11.51459	1762.417	11.51459	100.3032
071919BK-01 -3	241.0309	8209.283	1.484746	16.88245	2.013723	0.504627	3.409528	0.063589	0.805633	0.236289	397.4141	3.105007	414.8296	11.6114	513.8254	72.81221	397.4141	3.105007	77.34419
071919BK-01 -4	622.4893	17780.55	2.724688	11.89176	0.68524	2.26195	3.653776	0.196618	3.506016	0.95956	1157.129	37.13688	1200.513	25.73182	1280.282	20.03793	1280.282	20.03793	90.38078
071919BK-01 -5	231.3333	5348.116	3.036042	17.11755	2.863251	0.517364	3.737235	0.067262	1.140035	0.305048	419.6363	4.631617	423.3889	12.93928	444.822	79.1471	419.6363	4.631617	94.33803
071919BK-01 -6	798.5154	1328.317	3.448192	15.24562	1.225813	0.286373	4.731857	0.03798	1.359513	0.287311	240.3017	3.206792	255.7009	10.69654	400.3467	101.5811	240.3017	3.206792	60.02341
071919BK-01 -7	331.8639	16050.05	2.261346	16.35111	1.835314	0.858051	2.452023	0.103211	1.014555	0.413762	633.1978	6.118716	629.0583	11.49816	615.1252	48.1941	633.1978	6.118716	102.938
071919BK-01 -8	465.2243	38776.26	1.6041	15.014	1.344486	1.220147	1.576379	0.133519	0.687093	0.435868	807.9115	5.217341	809.8427	8.796944	816.0845	29.65202	807.9115	5.217341	98.99851
071919BK-01 -9	603.9063	5276.801	9.769392	12.90122	0.804911	1.878483	2.691836	0.18197	0.699002	0.259675	1077.726	6.937286	1073.527	17.83885	1065.903	52.29631	1065.903	52.29631	101.1092
071919BK-01 -10	217.9523	14191.72	1.752708	13.97763	1.573527	1.594799	1.912865	0.163009	0.69062	0.36104	973.4743	6.240005	968.177	11.93814	957.0427	36.44954	957.0427	36.44954	101.7169
071919BK-01 -11	147.282	19988.37	3.238264	9.181425	0.8493	4.783428	1.206376	0.318629	0.747112	0.619303	1783.03	11.6377	1781.994	10.13166	1781.556	17.27189	1781.556	17.27189	100.0828
071919BK-01 -12	246.415	7426.097	0.861176	16.79565	3.716231	0.54884	5.122512	0.068719	1.998491	0.390139	428.433	8.283873	444.2365	18.43316	527.9122	103.4421	428.433	8.283873	81.1561
071919BK-01 -13	461.1756	31197.02	2.463946	13.33869	0.933113	1.771246	1.180842	0.171379	0.708174	0.599719	1019.706	6.679114	1034.977	7.663618	1068.275	18.97368	1068.275	18.97368	95.45351
071919BK-01 -14	211.2296	6548.287	3.482613	16.41529	3.44352	0.483913	4.746691	0.059434	0.96748	0.203822	372.1824	3.498818	400.7542	15.71863	569.966	101.1835	372.1824	3.498818	65.29905
071919BK-01 -15	33.73562	3349.748	2.455041	11.47554	5.827639	2.338184	7.008532	0.20324	1.041092	0.148546	1192.701	11.33612	1223.97	49.88553	1280.333	135.2249	1280.333	135.2249	93.15555
071919BK-01 -16	67.9453	5387.999	32.73314	13.61392	4.186945	1.638482	4.483416	0.166839	0.904197	0.201676	994.6686	8.334262	985.1283	28.27735	964.8395	89.70733	964.8395	89.70733	103.0916
071919BK-01 -17	303.167	31520.65	1.632686	10.4361	0.797684	3.674648	1.300346	0.277757	0.962409	0.740118	1580.056	13.48638	1565.877	10.37936	1547.613	16.4303	1547.613	16.4303	102.0963
071919BK-01 -18	137.5181	9500.45	2.295828	13.36047	2.07684	1.882567	2.478784	0.185041	0.773144	0.311904	1094.456	7.782401	1074.967	16.43909	1036.513	47.58981	1036.513	47.58981	105.5902
071919BK-01 -19	276.0688	7112.514	0.936104	9.740736	0.685006	3.681255	3.44175	0.263486	2.92455	0.849728	1507.653	39.31606	1567.311	27.48837	1649.406	33.6453	1649.406	33.6453	91.40583
071919BK-01 -20	105.7386	7263.349	0.504546	13.44315	3.552934	1.688836	3.931425	0.168117	1.048458	0.266687	1001.729	9.727371	1004.324	25.07791	1010.854	76.8276	1010.854	76.8276	99.09737
071919BK-01 -21	120.252	5544.793	0.863695	15.55438	4.93469	0.83897	5.06609	0.098059	0.821018	0.162061	603.0232	4.726419	618.5772	23.47211	676.8383	106.9031	603.0232	4.726419	89.09413
071919BK-01 -22	175.9221	23569.02	0.668481	8.732899	0.805561	5.269325	1.051536	0.333431	0.571231	0.543235	1854.989	9.208006	1863.907	8.974282	1874.636	15.91682	1874.636	15.91682	98.95194
071919BK-01 -23	1483.561	44803.09	12.49563	18.81219	1.101276	0.385652	1.281108	0.05263	0.604978	0.472231	330.6463	1.949904	331.1886	3.620422	335.9816	25.59007	330.6463	1.949904	98.41204
071919BK-01 -24	298.4672	36602.21	1.562743	7.591709	0.586409	6.807516	0.851649	0.373623	0.61324	0.720063	2046.425	10.75264	2086.7	7.540048	2127.423	10.34812	2127.423	10.34812	96.19266
071919BK-01 -25	463.0548	14382.07	1.101978	17.30709	1.482967	0.664918	1.891284	0.084446	0.755379	0.3994	522.6048	3.79187	517.6178	7.669556	496.6444	38.21331	522.6048	3.79187	105.2272
071919BK-01 -26	364.0796	7000.284	0.936765	18.24435	2.84124	0.391418	3.058475	0.053527	0.944232	0.308726	336.1377	3.092588	335.4046	8.736322	331.3283	65.96585	336.1377	3.092588	101.4515
071919BK-01 -27	69.01332	2937.149	2.170134	14.60748	5.651837	1.051297	6.680063	0.119265	0.888031	0.132938	726.3324	6.099958	729.5244	34.77579	740.2451	140.2274	726.3324	6.099958	98.12053
071919BK-01 -28	194.2899	17041.12	3.077941	12.6742	1.102256	1.98259	1.345771	0.183091	0.600615	0.446298	1083.838	5.991882	1109.603	9.083475	1161.292	23.87561	1161.292	23.87561	93.33034
071919BK-01 -29	318.5143	27735.41	2.254702	13.2999	1.082079	1.80751	1.329273	0.174509	0.666579	0.501462	1036.906	6.384566	1048.178	8.689887	1072.637	23.09376	1072.637	23.09376	96.66891
071919BK-01 -30	185.2602	19324.27	3.109861	12.72805	1.548914	2.199465	1.768337	0.203734	0.591538	0.334517	1195.349	6.454075	1180.874	12.344	1155.296	33.07904	1155.296	33.07904	103.4669
071919BK-01 -31	237.6779	10724.2	1.014502	16.0069	3.053033	0.808673	3.16293	0.095384	0.538548	0.170269	587.2994	3.023092	601.7092	14.36023	657.3348	66.83428	587.2994	3.023092	89.34555
071919BK-01 -32	914.802	17229.2	13.93592	17.24474	1.102989	0.466464	1.637041	0.058852	1.025078	0.626177	368.6421	3.672853	388.7434	5.287375	511.1161	28.03277	368.6421	3.672853	72.12493
071919BK-01 -33	145.9472	1234.11	0.637936	12.81959	3.487406	1.372875	13.1869	0.149122	2.570125	0.1949	896.0412	21.50059	877.3947	77.61996	831.5238	270.7006	896.0412	21.50059	107.7589
071919BK-01 -34	221.1041	7503.38	2.379843	13.95993	1.885395	1.218061	2.818579	0.125945	1.835998	0.651391	764.6931	13.23902	808.8878	15.71775	933.4205	43.89298	764.6931	13.23902	81.92375
071919BK-01 -35	275.8291	28958.07	2.337444	8.450437	0.592839	5.415066	1.439586	0.331212	1.26882	0.881378	1844.251	20.35064	1887.241	12.33933	1935.64	12.17169	1935.64	12.17169	95.27865
071919BK-01 -36	321.1213	16863.07	7.922091	16.0613	2.863642	0.797838	3.582128	0.093678	1.759674	0.491237	577.2501	9.716212	595.6085	16.14254	667.0816	66.83871	577.2501	9.716212	86.53365
071919BK-01 -37	195.3493	10757.71	3.287769	16.29454	1.950975	0.854682	2.728457	0.102658	0.8039	0.294635	629.9695	4.82474	627.2154	12.76747	618.2144	56.28796	629.9695	4.82474	101.9015
071919BK-01 -38	559.9859	25041.45	1.945945	16.43635	1.096893	0.788655	2.028518	0.094353	1.523958	0.751267	581.2327	8.470159	590.4085	9.081986	626.7544	28.85995	581.2327	8.470159	92.73692
071919BK-01 -39	792.0514	20286.11	1.138238	18.45674	2.01782	0.337546	2.379278	0.045522	0.709896	0.298366	286.9717	1.992522	295.3103	6.096833	362.7413	51.20043	286.9717	1.992522	79.11193
071919BK-01 -40	361.7711	11810.08	1.03814	17.46554	2.269061	0.563605	2.573434	0.072532	0.728608	0.283127	451.3921	3.176373	453.8705	9.418971	467.403	54.66416	451.3921	3.176373	96.5745
071919BK-01 -41	250.0196	12097.98	1.405698	16.89148	2.366823	0.717087	2.610887	0.089136	0.563696	0.215902	550.4242	2.973947	548.9461	11.07172	543.7485	55.7321	550.4242	2.973947	101.2277
071919BK-01 -42	282.8646	9337.953	2.424316	16.35901	2.459936	0.887117	3.493073	0.107354	1.444918	0.413652	657.3632	9.030126	644.8195	16.67473	602.0543	68.84599	657.3632	9.030126	109.1867
071919BK-01 -43	216.4417	9183.566	1.479558	17.21118	4.411022	0.535385	4.589799	0.068298	0.757233	0.164982	425.8909	3.120765	435.3772	16.25211	486.8346	99.97985	425.8909	3.120765	87.48163
071919BK-01 -44	697.3366	28892.82	1.197462	18.4125	1.464592	0.437957	1.719619	0.058685	0.587473	0.34163	367.6216	2.099252	368.8106	5.318039	377.2484	36.33713	367.6216	2.099252	97.44818
071919BK-01 -45	353.4317	8634.209	1.593813	17.89007	3.329891	0.445426	4.257054	0.059244	0.980645	0.230358	371.0286	3.535746	374.0716	13.32122	393.9161	92.97427	371.0286	3.535746	94.18975
071919BK-01 -46	889.7292	61074.19	7.341978	11.38495	0.648197	2.688995	0.96635	0.221296	0.711596	0.736375	1288.72	8.311985	1325.434	7.152427	1386.099	12.5537	1386.099	12.5537	92.97457
071919BK-01 -47	190.8168	29514.43	3.105904	7.572455	0.77221	6.539711	1.299462	0.358248	1.019266	0.784376	1973.865	17.33054	2051.26	11.445	2130.726	14.109	2130.726	14.109	92.63817
071919BK-01 -48	538.469	75262.27	1.405527	9.796501	0.620505	3.50777	0.957673	0.248198	0.724039	0.75604	1429.177	9.281019	1528.966	7.567012	1670.697	11.58943	1670.697	11.58943	85.54376
071919BK-01 -49	1423.719	30993.47	1.914059	18.4907	1.018347	0.359069	1.492703	0.04829	0.773065	0.517896	304.0127	2.295658	311.5192	4.004439	369.0427	28.7462	304.0127	2.295658	82.37873
071919BK-01 -50	207.1084	25544.26	1.886218	10.47827	0.955199	3.446767	1.258987	0.261875	0.695258	0.552236	1499.425	9.301256	1515.132	9.90906	1537.951	19.74497	1537.951	19.74497	97.49501
071919BK-01 -51	331.4558	6828.11	1.211202	18.17253	3.116827	0.484295	3.566129	0.066021	0.666606	0.186927	412.1364	2.661348	401.0155	11.81508	338.3933	79.37365	412.1364	2.661348	121.7921
071919BK-01 -52	520.8106	28645.33	0.820416	16.4743	1.248307	0.799005	1.477828	0.095699	0.635496	0.43002	589.1526	3.578049	596.2669	6.664645	624.3405	28.78654	589.1526	3.578049	94.364
071919BK-01 -53	453.9272	14900.53	0.929572	17.51714	2.111223	0.61832	2.406205	0.07945	0.705107	0.293037	492.8361	3.345507	488.7938	9.335199	470.8765	50.92229	492.8361	3.345507	104.6636
071919BK-01 -54	114.3322	5939.169	1.11645	15.19577	3.059705	0.85604	3.429969	0.097378	1.205853	0.351564	599.0232	6.89789	627.9586	16.06434	734.546	67.99069	599.0232	6.89789	81.55014
071919BK-01 -55	192.8566	2976.836	1.543143	15.60911	2.682259	0.612209	6.051021	0.074566	3.340449	0.552047	463.6062	14.9428	484.9523	23.3353	588.079	109.5295	463.6062	14.9428	78.834
071919BK-01 -56	513.192	70006.31	2.810706	9.337858	0.907315	4.463995	1.324294	0.301079	0.956431	0.722219	1696.655	14.26753	1724.303	10.98613	1758.81	16.75145	1758.81	16.75145	96.46613
071919BK-01 -57	60.62925	3035.911	2.437015	13.81848	6.470352	1.222254	6.735944	0.13027	1.463016	0.217195	789.4067	10.87002	810.8055	37.63526	870.9084	136.345	789.4067	10.87002	90.64176
071919BK-01 -58	350.6406	5447.381	1.268068	17.08129	2.476681	0.529536	3.00723	0.068334	1.244584	0.413864	426.1093	5.131813	431.5016	10.57178	461.3362	60.69718	426.1093	5.131813	92.36415
071919BK-01 -59	786.5436	9173.366	0.544613	16.10665	1.231331	0.857255	1.882172	0.102143	1.219299	0.647815	626.9567	7.284508	628.6234	8.821424	635.5825	30.87106	626.9567	7.284508	98.64284
071919BK-01 -60	184.0586	10802.32	2.344578	15.62121	2.917443	0.944959	3.477851	0.108694	1.55125	0.446037	665.1563	9.803759	675.4745	17.15872	710.9348	66.1606	665.1563	9.803759	93.5608
071919BK-01 -61	83.11491	5951.085	2.182182	13.59144	3.314367	1.729904	3.85132	0.175223	0.839883	0.218077	1040.826	8.072503	1019.715	24.78565	975.5651	76.66199	975.5651	76.66199	106.6895
071919BK-01 -62	309.8923	18301.69	8.338105	13.48605	1.082064	1.950242	1.47769	0.191632	0.929536	0.629047	1130.211	9.636319	1098.53	9.91877	1037.152	23.21729	1037.152	23.21729	108.9726
071919BK-01 -63	348.473	34805.8	1.882489	10.55527	0.830041	3.476918	1.035116	0.265712	0.603542	0.583067	1518.998	8.167736	1521.993	8.162885	1526.963	15.84243	1526.963	15.84243	99.47838
071919BK-01 -64	273.5574	55126.17	1.16376	7.839032	0.617562	6.337128	1.001244	0.358833	0.782946	0.781973	1976.64	13.32836	2023.605	8.781059	2072.611	10.99348	2072.611	10.99348	95.36952
071919BK-01 -65	259.1884	20758.64	3.354852	13.48949	1.077651	1.85345	1.381461	0.18194	0.652234	0.472134	1077.567	6.472252	1064.659	9.111519	1039.162	24.60441	1039.162	24.60441	103.6957
071919BK-01 -66	371.5779	12766.06	2.792911	17.71878	3.681485	0.440901	3.813326	0.057488	0.803507	0.21071	360.3277	2.815828	370.8879	11.84843	438.3614	82.99196	360.3277	2.815828	82.19877
071919BK-01 -67	727.2871	19996.1	1.426281	18.39859	1.429463	0.452704	1.975999	0.060869	0.797902	0.403796	380.9078	2.95122	379.1711	6.252583	369.5373	40.70329	380.9078	2.95122	103.077
071919BK-01 -68	295.7187	7184.438	3.03283	18.72589	2.885058	0.459614	3.659858	0.064515	0.779437	0.212969	403.0244	3.045141	383.9892	11.70222	271.7747	81.96783	403.0244	3.045141	148.2936
071919BK-01 -69	122.9851	3368.133	1.176111	14.1747	7.547455	0.612301	9.779724	0.066604	1.648851	0.168599	415.6651	6.637413	485.0102	37.72898	828.5515	201.4781	415.6651	6.637413	50.16769
071919BK-01 -70	390.935	20007.28	5.285482	16.56637	1.170575	0.789223	1.62385	0.095409	0.911626	0.561398	587.4449	5.11854	590.7313	7.273085	604.2979	29.08767	587.4449	5.11854	97.21114
071919BK-01 -71	578.2436	17807.73	2.627066	17.85183	1.336793	0.601892	1.751441	0.078616	0.681475	0.389094	487.8572	3.201936	478.4339	6.682163	434.4619	35.95699	487.8572	3.201936	112.29
071919BK-01 -72	187.6503	20503.92	1.065639	13.68666	2.111841	1.700312	2.377314	0.169393	0.693357	0.291656	1008.766	6.474563	1008.648	15.2007	1009.258	46.12072	1009.258	46.12072	99.95126
071919BK-01 -73	351.3324	10072.33	1.37818	16.03808	1.403062	0.702481	2.853075	0.083143	1.115727	0.391061	514.8579	5.521	540.2719	11.95406	649.9691	56.402	514.8579	5.521	79.21267
071919BK-01 -74	84.71087	2595.199	1.204063	15.08488	6.553445	0.746596	7.246315	0.088654	1.423891	0.196444	547.5699	7.474843	566.2474	31.47018	642.9527	152.9524	547.5699	7.474843	85.16488
071919BK-01 -75	274.2043	6060.31	2.03127	17.3129	2.704067	0.470501	3.489466	0.06128	0.856323	0.245402	383.4078	3.18748	391.5346	11.3371	440.7715	75.27619	383.4078	3.18748	86.9856
071919BK-01 -76	409.9742	6307.898	3.942141	18.11677	2.376134	0.415013	3.412978	0.056584	0.698215	0.204577	354.8205	2.410465	352.4787	10.16434	338.0467	75.69286	354.8205	2.410465	104.962

071919BK-01 -77	154.761	20432.46	2.000911	10.96622	1.674744	3.074688	1.829544	0.244925	0.698477	0.381777	1412.252	8.858519	1426.404	14.01868	1448.398	32.19663	1448.398	32.19663	97.50442
071919BK-01 -78	415.179	20858.6	1.921943	13.51137	0.752711	1.818914	1.095482	0.178835	0.730202	0.666557	1060.607	7.141024	1052.294	7.177496	1035.944	16.51428	1035.944	16.51428	102.3807
071919BK-01 -79	96.96606	3284.559	1.32183	13.74942	5.822282	0.667573	6.659057	0.070401	0.974974	0.146413	438.574	4.133771	519.2354	27.07443	892.8455	136.1498	438.574	4.133771	49.12093
071919BK-01 -80	1427.768	62879.87	41.25696	16.7648	0.764151	0.817479	1.110882	0.099192	0.744385	0.670085	609.6706	4.330303	606.6411	5.073512	596.2784	17.85687	609.6706	4.330303	102.246
071919BK-01 -81	260.9985	11874.63	3.951563	16.021	2.165663	0.992984	2.613496	0.116977	0.837153	0.320319	713.1434	5.651723	700.2414	13.22253	659.9903	53.09795	713.1434	5.651723	108.0536
071919BK-01 -82	469.9666	14849.82	1.066161	19.1417	1.599523	0.378582	1.883714	0.053253	0.771914	0.409783	334.4619	2.515927	325.9944	5.252623	266.9664	39.42	334.4619	2.515927	125.2824
071919BK-01 -83	253.9246	7955.445	1.733339	16.9801	5.971168	0.471567	6.145335	0.05958	0.866515	0.141004	373.071	3.140952	392.2705	19.99838	508.0615	133.9221	373.071	3.140952	73.43028
071919BK-01 -84	509.3407	22431.93	1.439369	16.43394	1.618927	0.871736	2.031552	0.104394	0.707266	0.348141	640.1078	4.309754	636.5093	9.607518	624.671	41.07359	640.1078	4.309754	102.4712
071919BK-01 -85	545.8801	17189.54	1.599035	17.7653	2.06685	0.531726	2.404465	0.069146	0.89929	0.374009	431.0112	3.749306	432.9545	8.475498	444.2532	49.60562	431.0112	3.749306	97.01928
071919BK-01 -86	262.9931	11455.88	109.5181	16.53725	2.349685	0.805063	2.618077	0.098038	0.735775	0.281037	602.901	4.234878	599.6808	11.85686	588.4845	54.53306	602.901	4.234878	102.4498
071919BK-01 -87	164.0659	20823.91	1.112151	9.964648	0.985364	3.876699	1.314273	0.280356	0.801916	0.610159	1593.155	11.31948	1608.842	10.60883	1630.231	19.35381	1630.231	19.35381	97.72572
071919BK-01 -88	110.6209	5059.713	0.833725	14.47063	5.497465	0.642413	5.885673	0.069896	0.990793	0.16834	435.5305	4.172664	503.7992	23.37948	828.0293	121.1138	435.5305	4.172664	52.59844
071919BK-01 -89	65.15807	1948.714	0.91715	12.3805	6.753227	0.948382	7.304823	0.093072	1.788247	0.244804	573.682	9.815625	677.2596	36.11868	1039.676	143.1609	573.682	9.815625	55.17894
071919BK-01 -90	693.2741	27265.06	22.78131	16.99254	1.108964	0.778772	1.681388	0.096279	1.224349	0.728177	592.5672	6.931629	584.7826	7.474735	555.6417	25.13576	592.5672	6.931629	106.6456
071919BK-01 -91	317.881	43078.73	2.141543	9.797386	0.768215	4.102274	1.051641	0.290677	0.704122	0.669547	1644.91	10.22256	1654.756	8.585557	1668.065	14.44776	1668.065	14.44776	98.6119
071919BK-01 -92	73.1664	7138.966	1.334672	13.55416	2.604586	1.819853	3.086527	0.182786	0.813944	0.263709	1082.176	8.108666	1052.632	20.22867	992.736	60.54967	992.736	60.54967	109.0095
071919BK-01 -93	239.4333	22971.72	1.481629	11.55927	1.019386	2.73244	1.258536	0.229335	0.695305	0.552472	1331.015	8.361702	1337.323	9.35547	1348.257	20.25091	1348.257	20.25091	98.72119
071919BK-01 -94	243.8585	17169.53	3.667282	13.39609	1.256621	1.777677	1.870869	0.173619	0.918099	0.490734	1032.018	8.755426	1037.331	12.15808	1049.442	32.86786	1049.442	32.86786	98.33969
071919BK-01 -95	127.3862	16478.5	1.832348	10.38231	1.906256	3.316228	2.113863	0.250415	0.784916	0.371318	1440.614	10.13322	1484.878	16.49244	1549.49	36.86882	1549.49	36.86882	92.97346
071919BK-01 -96	184.2616	5206.73	7.349236	15.89436	4.014667	0.525145	4.349309	0.062963	0.950892	0.218631	393.6223	3.630941	428.5823	15.20725	622.0952	91.57339	393.6223	3.630941	63.27365
071919BK-01 -97	1361.767	58718.14	3.391487	16.54083	0.828783	0.80469	1.131449	0.096356	0.738515	0.652716	593.0198	4.184136	599.4706	5.122645	624.864	18.50289	593.0198	4.184136	94.90383
071919BK-01 -98	75.12499	8749.642	3.638376	13.24019	3.321111	1.931838	3.933177	0.188464	0.919147	0.233691	1113.049	9.396057	1092.176	26.32094	1051.693	77.09924	1051.693	77.09924	105.834
071919BK-01 -99	774.9649	38204.1	2.277536	16.60987	1.3505	0.81695	1.510559	0.098452	0.626716	0.41489	605.3301	3.62103	606.3453	6.896468	611.0606	29.71996	605.3301	3.62103	99.06221
071919BK-01 -100	886.3264	23886.12	1.796276	17.90794	1.196331	0.490757	1.424115	0.064063	0.683454	0.479915	400.2848	2.652556	405.4261	4.760336	435.7687	27.84193	400.2848	2.652556	91.85717
071919BK-01 -101	106.2354	2318.097	2.318224	13.81332	5.982958	0.744124	7.941113	0.081049	3.122177	0.393166	502.3801	15.08961	564.8092	34.41482	825.8473	152.5566	502.3801	15.08961	60.83209
071919BK-01 -102	470.2913	95128.94	3.037643	5.20423	0.539769	14.07304	0.827951	0.52838	0.627474	0.757863	2734.624	13.98394	2754.641	7.849287	2770.045	8.862251	2770.045	8.862251	98.72129
071919BK-01 -103	589.1116	66462.15	5.839904	10.811	0.596987	3.146809	1.242625	0.245832	1.081728	0.870518	1416.945	13.75991	1444.219	9.575007	1485.414	11.5855	1485.414	11.5855	95.39053
071919BK-01 -104	276.013	10315.12	2.89933	16.38332	2.071505	0.710282	2.831177	0.085874	0.740879	0.261686	531.0906	3.777016	544.9138	11.93934	604.074	59.12188	531.0906	3.777016	87.91814
071919BK-01 -105	779.7918	79035.19	3.085882	13.50153	0.706507	1.755698	0.954366	0.17132	0.613885	0.643238	1019.381	5.788127	1029.264	6.174025	1051.224	14.74428	1051.224	14.74428	96.9709
071919BK-01 -106	138.6531	3598.93	1.224918	14.6624	4.873129	0.533879	6.56	0.059959	1.034092	0.157636	375.3777	3.770894	434.3809	23.18788	761.5208	136.7061	375.3777	3.770894	49.29317
071919BK-01 -107	136.327	3972.704	1.323589	7.681579	0.977984	5.948137	1.595793	0.33809	1.187805	0.744335	1877.476	19.34692	1968.293	13.87223	2065.907	18.78851	2065.907	18.78851	90.87902
071919BK-01 -108	247.6704	48476.92	4.242724	7.639317	0.570515	6.874298	0.884118	0.379405	0.669181	0.756892	2073.504	11.86517	2095.349	7.837277	2117.621	10.12656	2117.621	10.12656	97.9167
071919BK-01 -109	189.0355	22967.84	4.944776	11.7737	0.994728	2.471657	2.384743	0.211328	2.154126	0.903295	1235.887	24.22623	1263.778	17.24108	1312.398	19.84824	1312.398	19.84824	94.1701
071919BK-01 -110	651.2056	28925.16	1.520335	16.3222	1.329374	0.850356	1.510142	0.100892	0.594144	0.393436	619.6359	3.510131	624.8443	7.046933	644.704	29.83686	619.6359	3.510131	96.11168
071919BK-01 -111	273.6813	6220.036	1.703309	16.49564	2.303207	0.670953	4.026458	0.08299	0.936876	0.23268	513.9463	4.628099	521.2916	16.41794	554.5568	85.48584	513.9463	4.628099	92.67694
071919BK-01 -112	412.4953	8871.469	5.911246	6.515774	0.573808	8.129732	0.95306	0.385539	0.751101	0.788094	2102.107	13.47307	2245.556	8.617454	2379.732	9.995237	2379.732	9.995237	88.33374
071919BK-01 -113	666.0771	52048.31	0.733037	15.91349	1.023479	0.992005	1.284623	0.114319	0.641805	0.499605	697.7834	4.244541	699.7429	6.495837	706.9647	23.67127	697.7834	4.244541	98.70131
071919BK-01 -114	180.7432	5288.721	1.507449	16.27821	2.684183	0.825814	3.041281	0.101446	0.873084	0.287078	622.8794	5.183788	611.287	13.96817	569.5322	63.41784	622.8794	5.183788	109.3668
071919BK-01 -115	172.0723	1777.765	3.622194	16.86799	4.993958	0.441742	11.55519	0.062398	1.022335	0.088474	390.1902	3.870726	371.4797	35.96412	257.3529	265.2957	390.1902	3.870726	151.6168
071919BK-01 -116	642.1882	5443.413	8.968613	17.77533	1.864209	0.481774	5.428723	0.064834	1.88904	0.347971	404.9594	7.414521	399.289	17.92396	367.5585	114.7511	404.9594	7.414521	110.1755
071919BK-01 -117	248.8467	9779.822	2.346525	9.322931	0.932679	4.51768	1.316135	0.307655	0.744795	0.565895	1729.159	11.29605	1734.231	10.94224	1741.138	19.88714	1741.138	19.88714	99.31197
071919BK-01 -118	747.9076	3742.847	1.991148	13.44726	0.782213	1.515125	1.924786	0.154837	1.72278	0.89505	928.0223	14.8903	936.5107	11.77391	957.4064	17.56423	957.4064	17.56423	96.93086
071919BK-01 -119	174.7354	9901.659	2.085274	9.772684	1.09042	4.143994	1.815043	0.295985	0.776275	0.427689	1671.37	11.4289	1663.025	14.84795	1653.293	30.40658	1653.293	30.40658	101.0934
071919BK-01 -120	215.9811	41168.99	1.67477	5.274146	0.720488	13.89239	1.070366	0.529069	0.780968	0.729627	2737.53	17.4196	2742.398	10.13886	2746.685	12.03184	2746.685	12.03184	99.66669
071919BK-01 -121	368.8439	42833.45	1.700494	9.266523	0.786581	4.563336	1.066468	0.305773	0.718615	0.673827	1719.87	10.84791	1742.598	8.882518	1770.761	14.38791	1770.761	14.38791	97.12605
071919BK-01 -122	175.9543	16721.09	0.817076	11.02992	1.54998	3.021303	1.86493	0.242491	0.718359	0.385193	1399.633	9.037787	1413.013	14.22815	1434.056	32.83261	1434.056	32.83261	97.59965
071919BK-01 -123	330.21	9923.952	2.07103	16.4527	2.217764	0.76548	3.1361	0.093036	0.766009	0.244255	573.469	4.2031	577.1669	13.80759	592.6739	65.9264	573.469	4.2031	96.75962
071919BK-01 -124	275.4627	9283.663	3.280863	16.44562	2.963453	0.710657	3.680621	0.086482	0.740322	0.20114	534.6993	3.798772	545.1365	15.52681	589.9544	78.22929	534.6993	3.798772	90.63401
071919BK-01 -125	520.7618	31455.64	9.663833	13.18824	1.098405	1.880676	1.372519	0.179892	0.793385	0.57805	1066.386	7.797805	1074.301	9.098702	1091.251	22.41568	1091.251	22.41568	97.72142
071919BK-01 -126	167.2633	8160.535	1.328659	16.01273	3.234725	0.887137	3.713507	0.105409	0.92948	0.250297	646.0321	5.713657	644.8299	17.72742	641.5779	77.32653	646.0321	5.713657	100.6943
071919BK-01 -127	189.2888	6888.696	2.573449	12.8223	1.503526	1.90749	2.160311	0.18112	1.342506	0.621441	1073.091	13.27113	1083.708	14.39194	1105.993	33.81269	1105.993	33.81269	97.02515
071919BK-01 -128	371.135	8694.031	1.145329	18.458	2.497538	0.439997	2.816528	0.06043	0.825171	0.292975	378.243	3.031351	370.2501	8.738617	321.5271	61.1783	378.243	3.031351	117.6395
071919BK-01 -129	332.5107	2473.403	2.727907	18.07573	3.806785	0.365744	6.761979	0.053397	0.778331	0.115104	335.3406	2.543333	316.4939	18.38903	180.9386	156.6816	335.3406	2.543333	185.3339
071919BK-01 -130	168.7491	27981.36	1.286245	10.10445	0.926729	3.846451	1.245867	0.281616	0.795526	0.638532	1599.493	11.26865	1602.525	10.04042	1607.308	17.87381	1607.308	17.87381	99.51382
071919BK-01 -131	264.9595	9959.44	2.578319	16.52584	3.157638	0.591503	3.779554	0.072214	0.824793	0.218225	449.479	3.580978	471.8267	14.26423	582.9572	80.11586	449.479	3.580978	77.10326
071919BK-01 -132	110.8137	18537.69	2.414631	5.674877	0.780038	10.61314	1.386397	0.435881	1.101027	0.794165	2332.176	21.54605	2489.859	12.86575	2621.845	14.01632	2621.845	14.01632	88.95171
071919BK-01 -133	583.7651	102357.3	1.30806	7.553737	0.597156	6.587862	1.148713	0.359127	0.979855	0.853003	1978.033	16.69048	2057.724	10.127	2139.276	10.48167	2139.276	10.48167	92.46277
071919BK-01 -134	365.9132	26653.3	2.886856	9.509791	0.786343	3.841809	1.097748	0.264698	0.682065	0.621331	1513.834	9.202551	1601.552	8.844469	1719.729	15.80741	1719.729	15.80741	88.02747
071919BK-01 -135	293.5731	5888.847	1.923778	17.75923	2.956896	0.423063	5.069882	0.056665	1.289546	0.254354	355.3114	4.45792	358.2393	15.3053	378.2048	110.3459	355.3114	4.45792	93.94683
071919BK-01 -136	767.5922	39453.53	2.459499	16.1065	1.0102	0.920495	1.249567	0.107525	0.68974	0.551983	658.3598	4.316786	662.6215	6.081392	678.0601	22.24905	658.3598	4.316786	97.0946
071919BK-01 -137	368.8075	16588.26	7.451986	16.4782	1.760681	0.809072	2.340363	0.097523	0.709656	0.303225	599.8791	4.06501	601.9331	10.62821	610.5966	48.2189	599.8791	4.06501	98.24475
071919BK-01 -138	205.8154	7146.196	1.771962	17.57554	2.930026	0.607829	3.225148	0.079885	1.148993	0.356261	495.4357	5.479274	482.1901	12.38063	420.6478	67.28716	495.4357	5.479274	117.7792
071919BK-01 -139	374.7947	56310.77	2.421587	7.461324	0.649777	6.996658	0.933896	0.377034	0.669243	0.716614	2062.415	11.81241	2111.005	8.296987	2159.434	11.36303	2159.434	11.36303	95.5072
071919BK-01 -140	256.4887	68663.37	3.45973	7.892135	0.722503	6.474041	1.095218	0.368935	0.811276	0.740744	2024.389	14.09467	2042.378	9.633041	2061.347	12.97751	2061.347	12.97751	98.20711
071919BK-01 -141	229.638	8151.135	1.937145	16.62829	3.514625	0.678913	4.770841	0.083875	1.585033	0.332233	519.211	7.90697	526.1175	19.59137	557.1528	98.18324	519.211	7.90697	93.19004
071919BK-01 -142	214.3995	17273.33	3.056726	12.9128	1.47933	2.00185	1.665547	0.188363	0.686228	0.412013	1112.503	7.011867	1116.138	11.27839	1124.074	30.23496	1124.074	30.23496	98.97056
071919BK-01 -143	653.7624	19267.45	2.699801	18.8887	2.217369	0.390309	2.598082	0.053927	0.734001	0.282517	338.5879	2.421101	334.5955	7.406073	307.9039	56.74366	338.5879	2.421101	109.9655
071919BK-01 -144	222.6208	5484.04	4.259476	15.89757	3.926612	0.656631	4.327742	0.078559	1.521409	0.351548	487.5149	7.143577	512.5514	17.41926	626.7415	87.35303	487.5149	7.143577	77.78563
071919BK-01 -145	58.67684	3329.505	0.635025	13.47585	6.550125	0.850003	8.726904	0.087659	1.664462	0.190728	541.6768	8.647603	624.6506	40.7353	938.7924	175.9419	541.6768	8.647603	57.69932
071919BK-01 -146	402.568	10503.39	2.710078	17.83716	2.539793	0.506078	3.383644	0.066735	0.812565	0.240145	416.4574	3.276997	415.8086	11.54525	413.1618	73.43817	416.4574	3.276997	100.7977
071919BK-01 -147	192.6698	9740.953	1.176908	15.95433	2.065798	0.93932	2.254693	0.110666	0.756805	0.335657	676.6173	4.861099	672.5264	11.08916	659.7725	45.55291	676.6173	4.861099	102.5531
071919BK-01 -148	773.6841	23140.49	2.75403	18.13902	1.756465	0.484784	2.075482	0.064132	0.731261	0.352333	400.7081	2.841007	401.35	6.880829	406.0002	43.47969	400.7081	2.841007	98.69653
071919BK-01 -149	288.0105	1803.997	2.321872	15.73522	3.700989	0.491356	10.76485	0.06386	6.596365	0.612769	399.057	25.52519	405.834	36.02757	445.5317	189.4215	399.057	25.52519	89.56871
071919BK-01 -150	55.05887	1943.012	1.391458	13.78731	9.112494	0.880896	10.22342	0.097519	1.457186	0.142534	599.851	8.346594	641.4665	48.65397	791.7868	212.7857	599.851	8.346594	75.75916
071919BK-01 -151	789.657	59610.78	4.27797	13.53253	0.788531	1.742487	1.122171	0.170558	0.740787	0.660138	1015.187	6.958119	1024.385	7.239711	1044.982	17.02094	1044.982	17.02094	97.14876
071919BK-01 -152	287.7781	4439.547	1.685602	18.10649	3.570125	0.299378	5.065415	0.041566	2.186946	0.431741	262.5301	5.626055	265.9143	11.85084	296.846	104.2864	262.5301	5.626055	88.43983
071919BK-01 -153	346.1797	11713.1	1.007408	16.89877	1.611804	0.78286	1.789395	0.09742	0.642104	0.358839	599.2733	3.674518	587.1135	7.97833	541.305	36.52324	599.2733	3.674518	110.709
071919BK-01 -154	399.3919	7293.005	2.045599	18.66931	2.100795	0.379165	3.868082	0.053025	0.733764	0.189697	333.0645	2.381846	326.4239	10.79827	280.351	86.92644	333.0645	2.381846	118.8027
071919BK-01 -155	472.7615	9528.105	0.957004	7.914744	0.575311	5.229761	1.345708	0.301768	1.181222	0.87777	1700.071	17.65187	1857.479	11.47122	2039.316	11.4	2039.316	11.4	83.36478
071919BK-01 -156	267.7416	31377.69	2.985978	9.292315	0.656208	4.579877	0.96321	0.308071	0.642058	0.666582	1731.206	9.747917	1745.613	8.02766	1763.692	13.12302	1763.692	13.12302	98.15808
071919BK-01 -157	125.651	23053.29	0.73403	8.006153	0.864518	6.59999	1.200106	0.382726	0.820937	0.684054	2089.003	14.64807	2059.346	10.58268	2030.55	15.49564	2030.55	15.49564	102.8787
071919BK-01 -158	200.0343	30472.64	2.880808	9.321837	0.653413	4.544296	0.941556	0.30669	0.617029	0.65533	1724.398	9.335794	1739.117	7.836186	1757.644	13.00835	1757.644	13.00835	98.10847
071919BK-01 -159	301.4673	14425.41	1.027971	16.22753	1.519175	0.823275	2.196826	0.097914	0.699066	0.318216	602.1699	4.018935	609.874	10.07239	639.5533	44.80153	602.1699	4.018935	94.15476
071919BK-01 -160	529.4152	43277.36	2.865601	11.27465	0.612773	2.918684	0.886424	0.238118	0.636442	0.717988	1376.904	7.890548	1386.765	6.703855	1402.788	11.82004	1402.788	11.82004	98.1548
071919BK-01 -161	170.8207	11471.39	2.162664	14.43845	3.337345	1.201106	3.457231	0.127329	0.788403	0.228045	772.6075	5.740398	801.0965	19.158	882.0857	69.61895	772.6075	5.740398	87.58871
071919BK-01 -162	60.06882	2998.123	1.386071	13.20204	7.122853	0.916869	8.660353	0.093128	2.20926	0.2551	574.0098	12.13318	660.7025	42.08514	969.9069	171.1459	574.0098	12.13318	59.18195
071919BK-01 -163	195.238	7526.152	1.746498	16.23345	3.924568	0.752611	4.128418	0.090926	0.9894	0.239656	561.0102	5.315967	569.7385	18.00297	605.6458	86.74882	561.0102	5.315967	92.63007
071919BK-01 -164	932.7575	17862.48	1.596648	16.55724	1.199318	0.728592	1.738682	0.088158	0.91224	0.524673	544.6365	4.764299	555.7263	7.441312	602.3425	32.04148	544.6365	4.764299	90.41973
071919BK-01 -165	394.1375	20372.14	1.630236	17.16328	2.307942	0.698229	2.537166	0.087471	0.730102	0.287763	540.5641	3.785725	537.7327	10.59244	526.7188	53.29222	540.5641	3.785725	102.6286
071919BK-01 -166	98.0681	11229.03	3.733756	9.225506	1.352182	4.100966	1.700972	0.275859	0.676129	0.397496	1570.471	9.423933	1654.496	13.88634	1763.676	28.52499	1763.676	28.52499	89.04536
071919BK-01 -167	271.5377	71449.12	1.81912	5.358994	0.721423	13.57381	1.043922	0.524922	0.750922	0.719328	2720.022	16.66332	2720.441	9.8728	2721.458	11.95123	2721.458	11.95123	99.94726
071919BK-01 -168	236.1579	7434.958	4.592207	18.14204	2.45241	0.650968	3.081344	0.088292	0.722748	0.234556	545.4296	3.77992	509.0743	12.33708	349.8904	67.70146	545.4296	3.77992	155.8859
071919BK-01 -169	358.6728	23682.18	2.923797	13.11789	0.681672	1.887717	1.296708	0.179948	1.011267	0.779873	1066.691	9.941887	1076.779	8.607257	1098.111	16.23151	1098.111	16.23151	97.13872
071919BK-01 -170	174.7791	13743.92	2.821609	12.85388	1.653288	2.027136	1.8454	0.190383	0.671099	0.36366	1123.452	6.919061	1124.655	12.54855	1127.867	34.23235	1127.867	34.23235	99.60855
071919BK-01 -171	195.4654	6610.433	1.228977	18.06932	4.056346	0.455225	5.025036	0.061773	1.509203	0.300337	386.396	5.660172	380.9315	15.96249	348.8582	108.4201	386.396	5.660172	110.7602
071919BK-01 -172	846.204	35304.77	1.471468	16.43413	0.948799	0.809947	1.756867	0.096618	1.405684	0.800109	594.5587	7.983788	602.4241	7.983041	633.0919	22.7119	594.5587	7.983788	93.9135
071919BK-01 -173	421.7542	32618.29	2.338775	13.47826	0.855624	1.740166	1.278327	0.1701	0.874542	0.68413	1012.662	8.195594	1023.525	8.243191	1047.722	18.81784	1047.722	18.81784	96.65365
071919BK-01 -174	177.0395	4946.288	1.26609	16.35824	4.043577	0.541753	6.206421	0.067117	0.823867	0.132744	418.7633	3.340382	439.5797	22.1476	551.0486	134.4063	418.7633	3.340382	75.99391
071919BK-01 -175	179.6404	523.0685	1.697391	11.82416	5.451462	0.322341	20.78062	0.040966	7.895336	0.379937	258.8177	20.02981	283.7014	51.47922	495.1324	427.2085	258.8177	20.02981	52.27242
071919BK-01 -176	264.5293	32827.94	1.627504	12.2261	0.862818	2.275078	1.090389	0.201599	0.622083	0.570515	1183.904	6.728146	1204.591	7.691202	1242.712	17.55367	1242.712	17.55367	95.26779
071919BK-01 -177	213.3879	11961.57	0.721752	16.67394	2.776269	0.821324	3.077194	0.100772	0.725123	0.235644	618.9309	4.279292	608.7867	14.09094	572.1611	65.06499	618.9309	4.279292	108.1743
071919BK-01 -178	661.3134	21520.88	0.84285	16.75415	1.503352	0.744313	1.936302	0.090934	0.622594	0.321538	561.0597	3.345429	564.9195	8.389655	581.4483	39.81414	561.0597	3.345429	96.49348
071919BK-01 -179	155.3223	23774.98	2.18736	7.774804	0.699369	6.554551	1.031398	0.369004	0.645794	0.626135	2024.712	11.22119	2053.257	9.086615	2082.791	14.15059	2082.791	14.15059	97.21145
071919BK-01 -180	349.0751	20785.1	2.55376	13.91897	1.195465	1.596437	1.385461	0.161751	0.594589	0.429163	966.5022	5.336663	968.8175	8.649854	974.9604	25.5051	974.9604	25.5051	99.13246
071919BK-01 -181	223.1758	51168.17	1.337726	7.639242	0.698598	7.157199	1.056367	0.39497	0.788556	0.74648	2145.838	14.39299	2131.188	9.411508	2117.837	12.31941	2117.837	12.31941	101.3222
071919BK-01 -182	151.9399	11127.61	2.368874	13.61166	3.269748	1.517146	4.544833	0.151529	3.091631	0.680252	909.53	26.22586	937.3261	27.82117	1004.108	67.63616	1004.108	67.63616	90.5809
071919BK-01 -183	207.5098	10604.36	1.152884	16.42391	3.168666	0.859075	3.517092	0.104059	0.730039	0.207569	638.1544	4.435608	629.618	16.50389	599.9992	74.50882	638.1544	4.435608	106.3592
071919BK-01 -184	442.1717	16480.13	1.318951	16.82553	1.594747	0.702031	1.750185	0.086442	0.682903	0.390189	534.4609	3.502646	540.0034	7.330108	564.4005	35.09062	534.4609	3.502646	94.69533
071919BK-01 -185	141.4594	9973.638	2.71642	8.505416	0.843597	4.472252	2.173509	0.277437	1.966316	0.904674	1578.441	27.52954	1725.837	18.03836	1910.314	16.62635	1910.314	16.62635	82.62731
071919BK-01 -186	199.565	13863.91	2.577221	12.5024	1.043857	2.175125	1.449511	0.198594	0.702253	0.484476	1167.762	7.500769	1173.12	10.08298	1183.9	25.07518	1183.9	25.07518	98.63684

071919BK-01 -187	345.415	11530.01	1.651123	16.45541	2.601068	0.800361	2.837766	0.096959	0.741031	0.261132	596.5619	4.222327	597.0324	12.8102	599.7428	59.3164	596.5619	4.222327	99.46962
071919BK-01 -188	657.9208	40136.77	2.056369	6.37931	0.637226	8.847718	1.147055	0.407758	0.951162	0.829221	2204.665	17.76022	2322.424	10.46466	2428.339	10.86889	2428.339	10.86889	90.78902
071919BK-01 -189	160.9031	25239.93	4.301058	7.537828	0.72875	7.245238	1.135037	0.395294	0.852708	0.75126	2147.333	15.57305	2142.088	10.12754	2137.809	13.1002	2137.809	13.1002	100.4455
071919BK-01 -190	535.9443	37168.55	4.414744	10.17978	0.909925	3.654109	1.307186	0.269205	0.905036	0.692355	1536.763	12.37472	1561.406	10.42143	1595.69	17.61111	1595.69	17.61111	96.30712
071919BK-01 -191	288.5753	6776.627	1.742993	17.21847	3.009053	0.46713	3.252249	0.060219	0.897889	0.276083	376.955	3.287582	389.2044	10.51473	463.6593	69.30083	376.955	3.287582	81.29999
071919BK-01 -192	882.133	23459.48	1.889314	17.44984	1.395856	0.616888	1.754107	0.078459	0.861091	0.4909	486.9169	4.038362	487.8951	6.795463	493.4304	33.7021	486.9169	4.038362	98.67996
071919BK-01 -193	415.4504	58868.03	2.107013	8.699959	0.949939	4.450182	1.376124	0.279694	0.985325	0.716014	1589.819	13.88273	1721.733	11.40966	1886.858	17.29439	1886.858	17.29439	84.25745
071919BK-01 -194	527.9145	16541.94	2.846246	16.90373	1.423386	0.669454	2.128071	0.082816	0.921714	0.433122	512.9068	4.544355	520.3802	8.665083	554.2819	41.86563	512.9068	4.544355	92.53538
071919BK-01 -195	97.77188	11704.17	1.073946	13.42366	3.964956	1.735941	4.338432	0.170794	0.992431	0.228753	1016.483	9.332768	1021.958	27.95765	1034.562	85.3767	1034.562	85.3767	98.2525
071919BK-01 -196	301.5027	4990.971	1.543586	17.72223	3.66574	0.345403	4.241742	0.04655	0.997737	0.235219	293.3033	2.86082	301.2579	11.05771	364.3052	92.99972	293.3033	2.86082	80.51031
071919BK-01 -197	677.6	14977.1	13.35847	17.5315	2.001027	0.503599	2.376982	0.064758	0.971159	0.408568	404.4938	3.807572	414.1357	8.083842	469.1785	48.0352	404.4938	3.807572	86.2132
071919BK-01 -198	374.0621	17251.54	15.43236	15.83195	1.867608	0.940716	2.322609	0.108819	1.006472	0.433337	665.8841	6.367416	673.257	11.43197	698.9239	44.58692	665.8841	6.367416	95.27277
071919BK-01 -199	157.9399	9039.473	1.620067	15.94521	3.530604	0.981018	3.939035	0.115729	0.853579	0.216697	705.934	5.707495	694.1267	19.80903	656.9857	82.48453	705.934	5.707495	107.4504
071919BK-01 -200	319.1393	6881.979	1.474513	17.83166	2.114237	0.508878	2.63973	0.067994	0.818874	0.310211	424.0589	3.360756	417.6941	9.039828	383.6497	56.38459	424.0589	3.360756	110.5328
071919BK-01 -201	544.4242	10989.55	33.3284	16.56273	1.073961	0.761526	1.685235	0.092967	0.816175	0.484309	573.0618	4.475321	574.8903	7.397652	583.0488	32.00234	573.0618	4.475321	98.2871
071919BK-01 -202	271.9714	1463.177	1.304828	12.97715	3.242582	1.353486	8.384112	0.145085	1.351329	0.161177	873.3544	11.03736	869.064	48.99661	859.0264	172.0285	873.3544	11.03736	101.6679
071919BK-01 -203	28.24766	6124.449	1.481181	7.554648	2.341375	6.750125	2.739243	0.373726	1.334249	0.487087	2046.909	23.39969	2079.209	24.22958	2112.102	41.96186	2112.102	41.96186	96.91335
071919BK-01 -204	307.7187	4483.622	0.472335	16.64582	2.855231	0.722072	3.215393	0.091601	0.851279	0.264751	564.9964	4.60495	551.8891	13.6905	499.0984	68.32621	564.9964	4.60495	113.2034
071919BK-01 -205	238.8537	2766.691	0.893651	17.38317	2.734044	0.519639	3.936692	0.071716	1.035605	0.263065	446.487	4.46735	424.91	13.66938	310.4442	86.47598	446.487	4.46735	143.822
071919BK-01 -206	362.8319	17061.51	1.015385	16.85576	2.36221	0.801667	2.544067	0.098839	0.719389	0.282771	607.6041	4.171363	597.7687	11.49467	561.5819	53.17674	607.6041	4.171363	108.1951
071919BK-01 -207	366.8903	1849.027	2.425064	15.01509	3.947033	0.480636	4.334483	0.058984	0.917334	0.211636	369.4441	3.293754	398.5089	14.28774	571.6975	92.21448	369.4441	3.293754	64.6223
071919BK-01 -208	110.0601	8893.005	2.237297	13.85106	2.857709	1.571293	3.202692	0.160482	0.8297	0.259063	959.4564	7.396527	958.9367	19.87495	958.6147	63.21514	958.6147	63.21514	100.0878
071919BK-01 -209	303.3208	45172.18	2.625214	9.739845	0.763182	4.181955	1.078825	0.294534	0.725465	0.672459	1664.146	10.64037	1670.49	8.840516	1679.259	14.74937	1679.259	14.74937	99.10002
071919BK-01 -210	123.5717	510.184	4.464822	12.24459	11.00985	0.330911	13.18663	0.045019	2.728781	0.206936	283.8689	7.578091	290.2611	33.30286	343.0443	293.0685	283.8689	7.578091	82.74994
071919BK-01 -211	200.4545	7034.045	1.341351	16.60165	3.606528	0.711626	3.799153	0.088198	0.774508	0.203863	544.8723	4.046654	545.7112	16.03968	550.1836	81.25255	544.8723	4.046654	99.03463
071919BK-01 -212	311.7799	4135.112	2.074482	11.65621	0.855374	2.607289	1.122763	0.228153	0.64956	0.578537	1324.813	7.77879	1302.692	8.240161	1267.309	17.86175	1267.309	17.86175	104.5375
071919BK-01 -213	844.9652	8297.333	3.34255	18.1353	1.642746	0.43934	2.673467	0.059339	0.723343	0.270564	371.6065	2.611982	369.7866	8.286124	359.3566	58.07359	371.6065	2.611982	103.4088
071919BK-01 -214	97.7067	1680.632	3.713475	8.41304	1.713302	5.053898	2.019479	0.328798	0.928693	0.459868	1832.555	14.81364	1828.403	17.11992	1824.449	32.53008	1824.449	32.53008	100.4443
071919BK-01 -215	261.5353	9164.045	1.781936	16.29346	3.114953	0.762768	3.779681	0.091972	0.780846	0.20659	567.1889	4.239625	575.6057	16.60815	609.8956	79.9466	567.1889	4.239625	92.99771
071919BK-01 -216	118.4416	2715.468	0.392906	14.58671	4.810597	0.889918	6.522014	0.101447	1.067596	0.163691	622.8827	6.338705	646.3255	31.19287	730.045	136.4681	622.8827	6.338705	85.32113
071919BK-01 -217	90.80214	3918.031	1.757182	14.94884	4.607199	0.83806	5.617323	0.095583	1.052338	0.187338	588.4715	5.918465	618.0745	26.01176	728.9868	117.0345	588.4715	5.918465	80.72458
071919BK-01 -218	288.6643	57032.69	4.537786	9.070352	0.721878	4.904455	0.976624	0.321419	0.65516	0.670842	1796.653	10.27298	1803.023	8.237163	1811.172	13.15829	1811.172	13.15829	99.19841
071919BK-01 -219	41.3691	2997	1.2315	12.93073	5.817656	1.731493	6.708862	0.17199	1.661592	0.247671	1023.068	15.71894	1020.306	43.20772	1015.248	131.8285	1015.248	131.8285	100.7702
071919BK-01 -220	318.1209	1748.658	2.569958	17.15491	2.563989	0.627297	3.383953	0.090618	1.823638	0.538907	559.1898	9.767828	494.4106	13.24601	205.5494	66.13208	559.1898	9.767828	272.0464
071919BK-01 -221	219.4834	9612.271	1.696853	17.64618	5.335799	0.520545	5.835469	0.068047	0.740164	0.126839	424.3782	3.039936	425.5153	20.28721	432.6286	129.036	424.3782	3.039936	98.09297
071919BK-01 -222	355.6897	12338.98	1.652827	7.65052	0.586064	6.702427	0.984396	0.372738	0.777553	0.789878	2042.272	13.61021	2072.941	8.69791	2104.308	10.59609	2104.308	10.59609	97.05194
071919BK-01 -223	346.8646	1661.346	5.600406	17.69035	3.262247	0.423574	3.818949	0.06406	0.873233	0.228658	400.2719	3.389001	358.6033	11.53829	98.12441	88.00094	400.2719	3.389001	407.9228
071919BK-01 -224	179.9334	20518.71	2.986699	11.17903	1.406457	2.864121	1.715741	0.23261	0.960634	0.559895	1348.166	11.68638	1372.528	12.91355	1411.459	27.20299	1411.459	27.20299	95.51575
071919BK-01 -225	324.5585	3964.719	1.444021	10.62616	0.947843	3.314608	1.365163	0.263767	0.898735	0.658335	1509.087	12.09217	1484.497	10.6493	1450.344	19.55977	1450.344	19.55977	104.0503
071919BK-01 -226	136.0284	17395.56	1.054444	9.697122	1.284064	4.102525	1.693533	0.28903	0.923763	0.545465	1636.678	13.35238	1654.806	13.82664	1678.682	26.2185	1678.682	26.2185	97.4978
071919BK-01 -227	303.5375	14023.36	1.818866	16.83574	2.390602	0.786053	2.567783	0.097103	0.627958	0.244553	597.4109	3.582908	588.9303	11.4753	557.3386	54.29258	597.4109	3.582908	107.1899
071919BK-01 -228	253.3317	33220.04	2.755451	8.713798	0.613086	5.312422	0.907885	0.334931	0.653659	0.719979	1862.239	10.57222	1870.863	7.758288	1881.225	11.34977	1881.225	11.34977	98.99079
071919BK-01 -229	179.5581	5551.651	0.98066	16.23341	3.103779	0.774201	3.901705	0.094622	0.814633	0.208789	582.8172	4.539522	582.1703	17.28929	580.6093	82.93117	582.8172	4.539522	100.3803
071919BK-01 -230	653.341	7304.989	1.323256	17.72018	1.727652	0.477042	2.492352	0.063182	1.671427	0.670622	394.95	6.403151	396.0414	8.173582	403.3699	41.40411	394.95	6.403151	97.91261
071919BK-01 -231	291.4225	17428.75	2.370655	17.34477	2.580265	0.745035	2.735763	0.094535	0.670905	0.245235	582.3025	3.735446	565.3396	11.86044	498.6003	58.44904	582.3025	3.735446	116.7874
071919BK-01 -232	305.8135	8031.935	7.719432	17.30898	2.725315	0.613019	3.217069	0.078978	0.747142	0.232243	490.0211	3.525463	485.4626	12.415	464.9644	69.34952	490.0211	3.525463	105.389
071919BK-01 -233	391.3381	27367.42	3.917264	13.56277	1.245614	1.757189	1.458126	0.173046	0.624985	0.428622	1028.87	5.943377	1029.813	9.436036	1032.68	26.64186	1032.68	26.64186	99.63105
071919BK-01 -234	260.8757	7114.604	3.878737	5.319644	0.676791	13.16992	1.177883	0.509692	0.747774	0.634846	2655.314	16.27455	2691.904	11.11642	2720.2	15.00028	2720.2	15.00028	97.61464
071919BK-01 -235	216.0475	13050.09	1.439497	5.147081	0.68443	13.27847	0.999778	0.49509	0.710665	0.710823	2592.66	15.17054	2699.652	9.440879	2781.457	11.52199	2781.457	11.52199	93.21231
071919BK-01 -236	249.5614	22770.95	3.406937	11.91239	1.065872	2.542497	1.34748	0.21998	0.792599	0.588208	1281.767	9.213014	1284.289	9.820116	1289.337	21.19958	1289.337	21.19958	99.41286
071919BK-01 -237	172.8352	4610.234	0.656549	16.38335	2.494261	0.517669	5.814086	0.064476	1.343062	0.231001	402.7882	5.244158	423.5928	20.13925	539.3919	123.8436	402.7882	5.244158	74.6745
071919BK-01 -238	130.3574	18691.65	1.49118	9.381665	1.224797	4.555088	1.444967	0.310224	0.650961	0.450503	1741.81	9.93582	1741.092	12.03134	1741.013	23.64349	1741.013	23.64349	100.0458
071919BK-01 -239	190.8947	9837.167	2.409231	11.37657	0.834166	2.792567	1.268034	0.232819	0.782839	0.617364	1349.256	9.530371	1353.549	9.480773	1361.159	19.22188	1361.159	19.22188	99.12552
071919BK-01 -240	300.7653	37446.57	5.307682	8.193635	0.612795	5.728566	0.900446	0.3394	0.654289	0.726629	1883.782	10.68784	1935.688	7.784295	1992.472	10.99818	1992.472	10.99818	94.54499
071919BK-01 -241	319.1672	6108.661	18.42517	13.75829	1.449325	1.30481	2.138085	0.133732	0.793078	0.370929	809.1225	6.030591	847.8432	12.29103	951.4623	40.6288	809.1225	6.030591	85.03989
071919BK-01 -242	297.6532	42511.82	2.888093	12.44143	0.952985	2.263079	1.219398	0.203839	0.674073	0.552792	1195.908	7.357729	1200.864	8.587321	1210.654	20.0127	1210.654	20.0127	98.78198
071919BK-01 -243	370.2586	22031.61	4.953598	14.64221	1.195869	1.363065	1.481772	0.145278	0.823769	0.555935	874.4386	6.736163	873.1882	8.678862	870.9114	25.53053	874.4386	6.736163	100.405
071919BK-01 -244	159.0817	13883.42	0.85748	10.25927	1.261676	3.398275	1.702697	0.253952	0.959886	0.563744	1458.823	12.53166	1503.998	13.35883	1569.027	26.34907	1569.027	26.34907	92.97628
071919BK-01 -245	190.8055	4929.482	2.01275	15.89692	4.302326	0.7802	6.044959	0.093801	2.572588	0.425576	577.9763	14.22189	585.5975	26.9068	616.1754	118.1935	577.9763	14.22189	93.80061
071919BK-01 -246	324.4314	1284.282	1.536456	17.36204	2.836285	0.432874	3.409477	0.067669	0.860118	0.252273	422.0974	3.514228	365.2153	10.45891	19.25819	NA	422.0974	3.514228	2191.781
071919BK-01 -247	551.2386	127392.9	2.174193	5.466234	0.714626	12.94064	1.085033	0.510257	0.81633	0.752355	2657.726	17.77965	2675.34	10.22729	2689.383	11.81192	2689.383	11.81192	98.8229
071919BK-01 -248	127.095	4691.041	0.605192	16.48439	4.73382	0.760136	5.066065	0.095199	0.888786	0.175439	586.2098	4.980277	574.0884	22.21851	527.3611	109.3993	586.2098	4.980277	111.1591
071919BK-01 -249	1132.534	77981.9	94.91691	10.72706	0.651096	2.76579	0.998739	0.214314	0.735571	0.7365	1251.759	8.368786	1346.355	7.448227	1500.828	12.77251	1500.828	12.77251	83.40459
071919BK-01 -250	165.7988	595.8075	2.36841	15.83878	3.601342	0.46452	5.561694	0.087718	0.885048	0.159133	542.0296	4.60108	387.3966	17.91394	NA	NA	542.0296	4.60108	
071919BK-01 -251	1065.944	29960.75	8.232912	10.78375	0.617918	2.732067	1.250176	0.213481	1.085607	0.868363	1247.336	12.31168	1337.221	9.292981	1484.979	11.74642	1484.979	11.74642	83.99692
071919BK-01 -252	266.2874	5597.9	2.911092	10.69281	0.992723	2.959042	1.314637	0.234348	0.729093	0.554597	1357.247	8.923295	1397.169	9.977249	1459.449	20.79712	1459.449	20.79712	92.99722
071919BK-01 -253	446.43	11132.17	5.78072	17.85895	2.16354	0.495617	2.402768	0.065344	0.763207	0.317637	408.0433	3.017702	408.7312	8.084938	413.5699	50.94228	408.0433	3.017702	98.66367
071919BK-01 -254	140.5853	9129.249	1.755515	14.05171	2.192332	1.606643	2.963309	0.166429	0.942829	0.318168	992.4079	8.672073	972.8011	18.54783	929.6679	57.6994	929.6679	57.6994	106.7486
071919BK-01 -255	161.5427	15687.56	2.374417	7.810611	0.760937	5.712466	1.869685	0.323823	1.59825	0.854823	1808.373	25.20247	1933.255	16.15759	2070.646	17.09591	2070.646	17.09591	87.33378
071919BK-01 -256	216.5338	10705.74	1.6124	15.86161	2.992748	0.843092	3.50854	0.098523	1.719987	0.490229	605.7492	9.944284	620.8505	16.29752	677.2371	65.3782	605.7492	9.944284	89.44418
071919BK-01 -257	1040.469	52200.74	0.82298	16.59747	1.006677	0.747672	1.240937	0.089883	0.610835	0.492237	554.8444	3.247428	566.8727	5.390574	616.3472	23.32364	554.8444	3.247428	90.0214
071919BK-01 -258	488.882	24631.45	0.980126	17.78669	2.234017	0.504408	2.552483	0.065372	0.677455	0.26541	408.2114	2.679709	414.6818	8.689998	451.7924	54.67349	408.2114	2.679709	90.35375
071919BK-01 -259	284.3546	19030.08	4.885309	11.80244	1.337417	2.197261	1.617525	0.188614	0.819037	0.506352	1113.86	8.378265	1180.174	11.28762	1304.698	27.08992	1304.698	27.08992	85.37302
071919BK-01 -260	433.4716	19825.28	2.815312	15.8588	1.243599	0.923585	1.489561	0.106834	0.685868	0.46045	654.3362	4.267628	664.2542	7.262083	698.9676	28.16426	654.3362	4.267628	93.61467
071919BK-01 -261	727.5007	10815.4	0.262894	17.8479	1.170304	0.488323	2.535877	0.064387	0.752767	0.296847	402.2486	2.935458	403.7673	8.448474	413.4168	54.15142	402.2486	2.935458	97.29855
071919BK-01 -262	181.925	8481.987	1.93825	16.05039	2.451273	0.815398	3.28605	0.097013	0.861575	0.262192	596.8805	4.911679	605.4778	14.98765	638.7476	68.2346	596.8805	4.911679	93.44543
071919BK-01 -263	412.814	6990.22	0.910596	16.01645	2.287225	0.861725	3.23639	0.102919	0.914707	0.282632	631.495	5.502422	631.0643	15.21166	630.4802	66.90111	631.495	5.502422	100.1609
071919BK-01 -264	424.4154	24904.23	4.766557	8.000992	0.70705	5.889797	1.454837	0.341211	1.259763	0.865914	1892.492	20.6602	1959.732	12.62876	2032.268	12.87826	2032.268	12.87826	93.12218
071919BK-01 -265	464.3631	10449.53	1.282323	16.24002	1.261961	0.852565	2.402525	0.102121	0.764293	0.318121	626.8246	4.56523	626.0557	11.22715	624.1962	49.13024	626.8246	4.56523	100.4211
071919BK-01 -266	338.2442	6543.405	1.578999	13.69501	1.305896	1.697707	1.782728	0.172788	1.17377	0.658412	1027.456	11.14798	1007.668	11.39203	965.7959	27.40377	965.7959	27.40377	106.3844
071919BK-01 -267	223.1492	4052.448	1.58847	15.51055	3.583403	0.622917	6.500381	0.073743	2.283863	0.351343	458.6672	10.11136	491.6737	25.33918	649.4715	130.7953	458.6672	10.11136	70.62161
071919BK-01 -268	556.2227	7932.403	3.142126	13.45523	0.873199	1.482718	1.391524	0.147399	0.968526	0.696018	886.3653	8.020638	923.3426	8.438435	1013.605	20.24868	1013.605	20.24868	87.44681
071919BK-01 -269	308.4101	2040.819	1.749845	16.3158	1.989323	0.648265	3.08354	0.086323	0.866168	0.2809	533.7562	4.437001	507.4106	12.31477	391.3095	66.42517	533.7562	4.437001	136.4026
071919BK-01 -270	638.8823	13413	4.364773	11.62036	0.664942	2.482589	1.100924	0.210549	0.84808	0.770335	1231.74	9.50879	1266.971	7.968905	1328.106	13.58815	1328.106	13.58815	92.74408
071919BK-01 -271	466.2369	8040.472	3.151603	12.89266	0.949474	2.019534	1.280931	0.192089	0.761331	0.594357	1132.684	7.908361	1122.103	8.699166	1102.562	20.6158	1102.562	20.6158	102.7319
071919BK-01 -272	177.5836	1267.606	2.390537	14.35889	4.078326	0.426666	12.13281	0.052872	6.229601	0.513451	332.1308	20.16653	360.8065	36.85936	550.5047	227.8605	332.1308	20.16653	60.33206
071919BK-01 -273	482.8135	9892.132	2.719676	15.40275	1.175294	1.103778	1.873323	0.125388	0.717901	0.383223	761.4985	5.156264	755.1754	9.980178	737.4363	36.62534	761.4985	5.156264	103.263
071919BK-01 -274	61.86107	7305.348	2.550656	12.26175	4.020226	2.249161	4.201651	0.20366	0.979352	0.233087	1194.95	10.68216	1196.524	29.54076	1200.208	80.5599	1200.208	80.5599	99.56194
071919BK-01 -275	206.0175	7328.655	0.616284	16.58874	2.819397	0.794453	3.39173	0.098243	0.813632	0.239887	604.1049	4.691912	593.6949	15.24825	555.0416	71.82743	604.1049	4.691912	108.8396
071919BK-01 -276	164.9412	4834.563	1.352585	16.74618	4.480946	0.491028	4.910124	0.062431	0.992693	0.202173	390.3946	3.760407	405.6107	16.42028	494.1473	106.054	390.3946	3.760407	79.00368
071919BK-01 -277	1471.871	202250	7.968989	7.891301	0.658449	6.930067	0.993271	0.394484	0.74224	0.747268	2143.589	13.53563	2102.515	8.813923	2063.309	11.63938	2063.309	11.63938	103.8908
071919BK-01 -278	130.6441	3819.384	0.825215	16.95727	5.270465	0.580823	5.787589	0.075922	1.20629	0.208427	471.7353	5.487276	464.9899	21.59501	432.7634	126.1851	471.7353	5.487276	109.0054
071919BK-01 -279	197.7049	27925.54	0.526336	7.79134	0.747048	6.411241	1.059355	0.361475	0.712418	0.672501	1989.161	12.19332	2033.81	9.305396	2080.165	13.79968	2080.165	13.79968	95.62517
071919BK-01 -280	85.21309	11198.73	1.345163	9.964145	1.738308	3.939021	2.014777	0.28648	0.691671	0.343299	1623.913	9.929079	1621.736	16.31705	1619.707	35.22355	1619.707	35.22355	100.2597
071919BK-01 -281	219.0777	3788.889	1.358773	16.36261	4.275869	0.56578	6.026962	0.071216	1.378973	0.228801	443.477	5.909818	455.2819	22.11638	516.2589	128.9595	443.477	5.909818	85.90204
071919BK-01 -282	397.5929	10159.23	1.760406	16.38467	1.852244	0.763625	2.953777	0.092364	1.860338	0.629817	569.5054	10.14023	576.0992	12.98689	603.1149	49.66252	569.5054	10.14023	94.42734
071919BK-01 -283	829.6283	26607.17	16.77839	17.55877	1.416424	0.509102	1.656729	0.065074	0.815322	0.492128	406.4124	3.211281	417.8454	5.675083	482.4445	31.85728	406.4124	3.211281	84.24025
071919BK-01 -284	596.1054	12759.05	73.96467	17.81198	2.328264	0.500459	2.998639	0.065604	0.799966	0.266776	409.6178	3.174866	412.0131	10.15577	426.4033	64.46695	409.6178	3.174866	96.06346
071919BK-01 -285	318.618	9744.613	1.300889	13.67587	1.657244	1.428866	2.428978	0.143763	1.460111	0.601121	865.907	11.83085	901.0756	14.51012	989.1969	39.47518	989.1969	39.47518	87.53637
071919BK-01 -286	646.0694	107594.2	0.922904	8.738874	0.642858	5.305303	0.914234	0.334627	0.641774	0.70198	1860.767	10.37293	1869.717	7.810884	1880.449	11.73006	1880.449	11.73006	98.95337
071919BK-01 -287	639.2891	5775.199	16.17416	18.21077	1.465518	0.444783	3.261617	0.061222	1.005667	0.308334	383.0542	3.74003	373.6196	10.19584	316.4905	70.56828	383.0542	3.74003	121.0318
071919BK-01 -288	77.05436	9984.578	1.326855	14.63646	5.306837	1.259797	5.497836	0.135796	0.99034	0.180133	820.8472	7.63291	827.8165	31.1307	847.4981	112.5349	820.8472	7.63291	96.85535
071919BK-01 -289	326.5282	9024.472	2.516968	17.82579	2.30556	0.456245	3.411394	0.060377	0.726772	0.213042	377.9157	2.667627	381.6431	10.8528	405.2694	74.62539	377.9157	2.667627	93.25049
071919BK-01 -290	35.11126	2329.613	8.415472	8.811621	2.896895	4.492247	4.06368	0.300867	1.536542	0.378116	1695.608	22.90902	1729.54	33.7616	1771.621	68.709	1771.621	68.709	95.70939
071919BK-01 -291	650.5215	16997.94	1.233519	16.62482	1.154342	0.739601	1.602103	0.089924	0.755056	0.47129	555.0857	4.015829	562.1725	6.916317	591.9233	30.62531	555.0857	4.015829	93.77662
071919BK-01 -292	295.3804	5298.915	1.348283	16.89847	2.767427	0.694782	3.231714	0.088765	0.894875	0.276904	548.2283	4.703137	535.6695	13.45312	483.527	68.59651	548.2283	4.703137	113.3811
071919BK-01 -293	272.0831	3190.066	1.410526	16.51361	3.77985	0.689191	4.26428	0.088739	0.7838	0.183806	548.0744	4.118258	532.3141	17.66771	466.2817	92.89413	548.0744	4.118258	117.5415
071919BK-01 -294	545.4027	2042.159	2.305999	12.94985	1.220116	0.926481	4.801219	0.095125	4.549086	0.947486	585.7747	25.47268	665.7818	23.44933	947.8443	31.41572	585.7747	25.47268	61.80073
071919BK-01 -295	136.5447	23572.57	2.105772	11.89137	1.715162	2.57435	1.889254	0.222283	0.742052	0.392775	1293.928	8.699371	1293.378	13.81712	1293.294	33.79234	1293.294	33.79234	100.049
071919BK-01 -296	150.0063	2742.689	3.255108	13.65607	3.133795	1.148638	4.002711	0.12178	2.013998	0.503159	740.8029	14.09443	776.5996	21.73053	881.8095	71.56067	740.8029	14.09443	84.0094

071919BK-01 -297	466.9375	12930.8	4.345341	16.65857	1.223554	0.680879	1.904935	0.083333	0.827783	0.434547	515.9875	4.104787	527.3056	7.835237	577.5728	37.28894	515.9875	4.104787	89.33722
071919BK-01 -298	124.8023	5780.449	3.333987	13.42037	2.464041	1.549626	3.436674	0.15507	1.319207	0.383862	929.3189	11.41695	950.3443	21.21201	1000.223	64.46117	1000.223	64.46117	92.91113
071919BK-01 -299	138.9444	1395.657	2.744989	16.66943	4.069082	0.624969	6.212618	0.091062	1.028933	0.16562	561.8168	5.535983	492.9572	24.26614	185.53	142.7704	561.8168	5.535983	302.8172
071919BK-01 -300	243.5386	1860.329	1.37051	16.22517	3.324152	0.712235	3.670722	0.095463	1.011678	0.275607	587.7656	5.683267	546.0727	15.50512	376.6363	79.4154	587.7656	5.683267	156.0566
071919BK-01 -301	80.85052	535.1412	1.442212	14.91008	7.439466	0.481246	9.684741	0.088237	2.3959	0.247389	545.1013	12.52317	398.9272	31.95959	NA	NA	545.1013	12.52317	
071919BK-01 -302	1275.117	181810.7	4.637189	8.061209	0.558832	6.058491	0.860579	0.352322	0.654235	0.760227	1945.679	10.98784	1984.293	7.500342	2025.528	9.903398	2025.528	9.903398	96.05787
071919BK-01 -303	119.4106	3610.073	0.720247	15.73741	4.745132	0.815066	6.383734	0.098713	0.863986	0.135342	606.862	5.003975	605.2921	29.11549	600.3401	137.058	606.862	5.003975	101.0864
071919BK-01 -304	99.84108	595.7873	0.711963	15.20878	7.352618	0.379463	9.45187	0.066968	1.2066	0.127657	417.8608	4.881974	326.643	26.40614	NA	NA	417.8608	4.881974	
071919BK-01 -305	375.2128	47940.29	1.491717	8.17359	0.595752	6.135924	0.83966	0.362409	0.566371	0.674523	1993.581	9.71204	1995.372	7.331129	1997.986	11.01336	1997.986	11.01336	99.7795
071919BK-01 -306	450.1385	12218.15	3.64143	17.1957	2.296228	0.664311	3.140008	0.084079	1.78133	0.567301	520.4252	8.906158	517.2478	12.72684	504.1724	56.92536	520.4252	8.906158	103.2237
071919BK-01 -307	343.7789	20987.37	1.594984	15.9086	1.722613	0.952061	1.94241	0.110407	0.602039	0.309944	675.1084	3.858831	679.175	9.619558	693.6276	39.39127	675.1084	3.858831	97.3301
071919BK-01 -308	361.1799	39786.76	2.211288	11.61277	0.728161	2.710889	0.964946	0.227901	0.610046	0.632208	1323.488	7.299006	1331.443	7.157703	1345.085	14.43719	1345.085	14.43719	98.39438
071919BK-01 -309	651.7192	10230.36	4.536681	13.13261	0.84659	1.598467	5.02725	0.154159	4.936367	0.981922	924.2342	42.50449	969.6113	31.41126	1074.818	19.1088	1074.818	19.1088	85.9898
071919BK-01 -310	146.2459	5955.212	2.632994	17.51858	3.147207	0.676851	4.301559	0.089319	0.908467	0.211195	551.5094	4.801941	524.8693	17.63186	411.5498	94.06389	551.5094	4.801941	134.0079
071919BK-01 -311	224.2441	10437.78	1.326148	17.07919	2.704147	0.763905	3.260896	0.096355	0.634042	0.194438	593.014	3.592198	576.2605	14.34035	511.6913	70.31368	593.014	3.592198	115.8929
071919BK-01 -312	161.6908	10038.65	3.676033	13.23084	2.02413	1.958174	2.355921	0.190357	0.733074	0.311162	1123.31	7.557152	1101.256	15.83629	1058.833	45.08839	1058.833	45.08839	106.0895
071919BK-01 -313	175.1314	32117.19	2.490866	7.725951	0.685916	6.935962	0.996246	0.387574	0.708735	0.711406	2111.568	12.76149	2103.269	8.841271	2095.91	12.30324	2095.91	12.30324	100.7471
071919BK-01 -314	1203.505	10423.5	36.22597	13.62318	0.600577	1.667739	0.924406	0.166914	0.628637	0.680044	995.0842	5.796575	996.3255	5.867893	999.9247	13.76348	999.9247	13.76348	99.51591
071919BK-01 -315	982.3391	9068.019	13.5734	18.71478	1.193159	0.364326	2.14342	0.05069	0.762162	0.355582	318.7592	2.370375	315.4397	5.811847	291.9591	45.7585	318.7592	2.370375	109.1794
071919BK-01 -316	360.9802	1525.669	1.818532	18.43915	2.516879	0.326509	4.804953	0.052845	0.609858	0.126923	331.9659	1.973276	286.8974	12.00949	NA	NA	331.9659	1.973276	
071919BK-01 -317	129.79	2927.183	1.942367	15.49591	5.323776	0.622557	6.579857	0.075333	1.367465	0.207826	468.204	6.17555	491.4485	25.63998	602.2165	139.4175	468.204	6.17555	77.7468
071919BK-01 -318	912.0631	27493.99	4.455223	9.406996	0.965586	3.580827	4.159109	0.244	4.043025	0.972089	1407.458	51.12145	1545.291	33.02347	1740.052	17.88523	1740.052	17.88523	80.88601
071919BK-01 -319	295.0215	24899.9	0.539591	13.93155	1.861162	1.624158	2.145792	0.164448	1.033676	0.481722	981.447	9.410459	979.6009	13.48594	976.371	38.32953	976.371	38.32953	100.5199
071919BK-01 -320	215.8035	8746.946	1.443535	9.642664	1.038672	3.81809	1.711579	0.269513	1.165092	0.680712	1538.327	15.94488	1596.566	13.77288	1675.102	23.17147	1675.102	23.17147	91.83485
071919BK-01 -321	224.2034	7843.212	3.670847	16.72079	2.585059	0.715556	2.912417	0.089017	1.103457	0.37888	549.7211	5.814499	548.0398	12.33512	542.0056	58.9179	549.7211	5.814499	101.4235
071919BK-01 -322	270.9992	6630.747	9.032335	13.68868	1.491939	1.59396	1.976857	0.162087	1.227933	0.621154	968.3624	11.04084	967.8484	12.33504	967.5901	31.60224	967.5901	31.60224	100.0798
071919BK-01 -323	195.9479	5570.281	2.467812	16.15633	5.247441	0.433224	5.731225	0.05268	1.098152	0.191609	330.9561	3.542683	365.4631	17.59216	591.6183	122.0495	330.9561	3.542683	55.9408
071919BK-01 -324	593.5988	18656.43	1.252379	16.51217	1.403493	0.764251	1.777772	0.092164	0.894746	0.503296	568.3251	4.867359	576.4599	7.819705	609.577	33.22879	568.3251	4.867359	93.23271
071919BK-01 -325	407.6072	9143.946	2.941588	16.40379	2.347061	0.673271	6.314019	0.081752	5.258012	0.832752	506.569	25.61595	522.6993	25.80197	594.7668	75.77281	506.569	25.61595	85.17102
071919BK-01 -326	72.39263	18229.35	4.435231	7.736823	1.307311	6.695111	1.636871	0.375558	0.842782	0.514874	2055.5	14.83311	2071.976	14.46161	2089.147	24.67365	2089.147	24.67365	98.38943
071919BK-01 -327	120.8907	9651.526	1.800074	13.80579	2.855064	1.624406	3.033315	0.165056	0.754814	0.248841	984.816	6.893567	979.6969	19.0661	969.1477	59.95884	969.1477	59.95884	101.6167
071919BK-01 -328	408.3575	2292.676	4.227596	17.97055	2.422295	0.450403	3.85724	0.065946	2.540071	0.65852	411.6846	10.13018	377.5617	12.16298	174.2263	67.71947	411.6846	10.13018	236.293
071919BK-01 -329	558.0755	21280.05	0.789394	16.69521	1.501657	0.833004	1.786373	0.10142	0.640295	0.358433	622.7264	3.800752	615.2778	8.243191	588.9065	36.16884	622.7264	3.800752	105.7428
071919BK-01 -330	966.5973	9253.147	27.39386	17.99001	1.29012	0.456736	2.336707	0.060971	0.807065	0.345386	381.5276	2.989828	381.9851	7.439197	385.7142	49.24091	381.5276	2.989828	98.91456
071919BK-01 -331	168.1842	7379.423	1.410682	15.66667	2.335326	1.052328	3.094079	0.122622	0.774153	0.250205	745.6359	5.451039	730.0347	16.11024	683.3783	63.98111	745.6359	5.451039	109.1103
071919BK-01 -332	524.4042	106397.2	1.631067	9.801137	0.583161	4.028899	0.879004	0.285057	0.648858	0.738175	1616.779	9.278493	1640.048	7.150583	1670.794	10.96359	1670.794	10.96359	96.76712
071919BK-01 -333	284.9548	6648.29	4.668131	17.15831	3.147976	0.512958	4.156043	0.065934	1.177595	0.283345	411.614	4.695638	420.4363	14.30848	470.0628	88.2539	411.614	4.695638	87.56574
071919BK-01 -334	391.2402	11297.7	6.178788	16.86576	1.55226	0.661282	2.619269	0.082192	0.739557	0.282352	509.1924	3.620882	515.3979	10.58691	543.9379	54.94612	509.1924	3.620882	93.61223
071919BK-01 -335	138.0108	4723.277	5.300764	16.08237	4.513198	0.804938	5.22486	0.098177	0.807149	0.154482	603.718	4.651685	599.6106	23.66374	585.0742	112.1126	603.718	4.651685	103.1866
071919BK-01 -336	323.0937	7815.248	1.401174	17.58479	3.035726	0.500647	4.576538	0.065626	0.755996	0.165189	409.7496	3.001294	412.1406	15.50437	426.5021	100.7228	409.7496	3.001294	96.07212
071919BK-01 -337	172.4953	12622.63	1.433336	15.73359	2.631042	1.038348	3.309393	0.119942	0.829553	0.250666	730.2313	5.727159	723.0945	17.11922	701.9689	68.19679	730.2313	5.727159	104.0262
071919BK-01 -338	246.4035	24936.09	1.525441	13.85301	1.569045	1.63506	1.884159	0.164608	0.672843	0.357105	982.3355	6.130615	983.8107	11.87163	988.0076	35.79677	988.0076	35.79677	99.42591
071919BK-01 -339	278.5596	24583.18	5.498732	13.78342	1.448744	1.71357	1.606892	0.171658	0.663876	0.413143	1021.238	6.269998	1013.622	10.30368	998.0656	29.71305	998.0656	29.71305	102.3217
071919BK-01 -340	637.8142	997.0485	2.010898	15.62228	3.082172	0.322574	7.039705	0.047201	4.661184	0.662128	297.3148	13.54369	283.8809	17.43559	175.6457	123.1477	297.3148	13.54369	169.2697
071919BK-01 -341	488.8735	11823.01	8.021615	17.88733	1.416212	0.504501	2.541423	0.06653	0.641455	0.2524	415.217	2.579464	414.7448	8.653405	413.0698	55.0025	415.217	2.579464	100.5198
071919BK-01 -342	390.0669	6539.783	1.513517	18.38123	3.193849	0.338925	3.511955	0.046844	0.810955	0.230913	295.1148	2.339294	296.357	9.026884	307.1369	77.85137	295.1148	2.339294	96.08574
071919BK-01 -343	492.5374	21968.53	0.962151	16.52998	1.48487	0.808115	1.717407	0.097369	0.735436	0.428224	598.9747	4.206617	601.3958	7.79397	611.4535	33.55962	598.9747	4.206617	97.95916
071919BK-01 -344	236.8075	30464.78	1.381838	8.756438	0.706024	5.305164	1.006005	0.336225	0.669597	0.6656	1868.485	10.86133	1869.695	8.59494	1871.809	13.54213	1871.809	13.54213	99.82237
071919BK-01 -345	111.2682	4415.95	1.393272	15.41721	5.02383	0.891741	5.317549	0.104386	0.979046	0.184116	640.0604	5.965436	647.3042	25.45713	673.5634	111.8559	640.0604	5.965436	95.02601
071919BK-01 -346	274.8388	15855.7	0.957228	13.31731	1.011555	1.852091	1.50041	0.179976	0.719825	0.479752	1066.842	7.077604	1064.175	9.893558	1059.605	26.49614	1059.605	26.49614	100.683
071919BK-01 -347	633.5554	25404.73	2.918524	11.91496	0.775946	2.358913	1.178508	0.203984	0.808769	0.686265	1196.686	8.833202	1230.256	8.403989	1290.405	16.66821	1290.405	16.66821	92.73723
071919BK-01 -348	235.2011	10998.88	5.434289	14.066	1.969704	1.395332	3.238273	0.144139	2.481605	0.766336	868.0241	20.15369	886.9595	19.15609	935.3637	42.67793	935.3637	42.67793	92.80071
071919BK-01 -349	516.1359	2459.515	5.218323	15.8808	2.101633	0.530801	2.849036	0.067073	1.247322	0.437805	418.4967	5.054172	432.3412	10.03125	507.7693	56.34032	418.4967	5.054172	82.41867
071919BK-01 -350	207.4678	4569.819	1.163033	15.88134	2.904867	0.812003	3.670797	0.097902	0.863154	0.235141	602.0999	4.96173	603.5772	16.7043	610.0481	77.13424	602.0999	4.96173	98.69712
071919BK-01 -351	86.97843	10984.74	1.752966	8.036739	1.308674	5.350051	1.621386	0.313054	0.853864	0.526626	1755.716	13.12332	1876.898	13.87152	2014.569	24.44314	2014.569	24.44314	87.15096
071919BK-01 -352	293.3668	11913.77	4.377427	16.15686	1.851365	0.861223	2.7481	0.102328	0.757931	0.275802	628.0395	4.535584	630.7903	12.91228	641.6186	56.79798	628.0395	4.535584	97.88362
071919BK-01 -353	115.9954	8909.14	3.05551	13.07601	2.242425	1.768062	2.95825	0.170232	0.847967	0.286645	1013.39	7.951829	1033.81	19.18837	1078.126	56.8929	1078.126	56.8929	93.9955
071919BK-01 -354	298.9595	12812.01	1.125906	17.751	3.24008	0.441249	3.535783	0.057636	0.818399	0.231462	361.2298	2.874998	371.133	10.99202	434.3935	76.65141	361.2298	2.874998	83.15727
071919BK-01 -355	301.2059	7299.699	2.683258	17.29888	3.714606	0.523085	4.034557	0.067572	0.956913	0.237179	421.5095	3.904439	427.2102	14.07025	459.0692	86.95126	421.5095	3.904439	91.8183
071919BK-01 -356	220.4234	26037.18	0.807151	11.42218	0.89558	2.987337	1.140734	0.247527	0.680565	0.596603	1425.711	8.704852	1404.4	8.678133	1373.022	17.61104	1373.022	17.61104	103.8375
071919BK-01 -357	97.72018	5279.752	0.645285	15.60801	4.931803	0.856416	5.701427	0.100674	0.913299	0.160188	618.3553	5.385033	628.1642	26.71302	664.5942	120.6318	618.3553	5.385033	93.04252
071919BK-01 -358	281.3757	7002.644	2.409105	17.37339	3.560767	0.42312	5.140794	0.054988	2.63972	0.513485	345.0714	8.869421	358.2796	15.52087	445.6823	98.0869	345.0714	8.869421	77.42542
071919BK-01 -359	203.4079	28142.48	3.068151	12.28496	1.184359	2.341783	1.436984	0.208699	0.697545	0.485423	1221.881	7.764118	1225.064	10.22504	1231.546	24.65566	1231.546	24.65566	99.21524
071919BK-01 -360	80.50511	2347.254	1.534957	14.3808	6.239	0.88517	8.473364	0.100667	1.097052	0.129471	618.3186	6.468123	643.7711	40.41953	735.0526	178.1889	618.3186	6.468123	84.11896
071919BK-01 -361	1113.499	64721.58	4.05973	16.40846	0.995829	0.836503	1.302044	0.099323	0.78488	0.602806	610.4415	4.571374	617.2142	6.021941	643.0907	22.35252	610.4415	4.571374	94.92307
071919BK-01 -362	85.85725	14775.78	2.875669	8.124483	0.85667	6.042276	1.212958	0.356538	0.812384	0.669755	1965.743	13.7643	1981.958	10.56766	1999.677	16.00099	1999.677	16.00099	98.30303
071919BK-01 -363	207.8394	7401.827	1.767043	16.63824	5.995271	0.586433	6.643588	0.072721	1.491757	0.224541	452.5255	6.519092	468.5873	24.94116	549.0274	141.51	452.5255	6.519092	82.4231
071919BK-01 -364	359.5032	7406.973	1.218353	17.4966	2.596933	0.514529	2.895622	0.06722	0.837306	0.289163	419.3867	3.399764	421.49	9.988908	433.9619	61.75708	419.3867	3.399764	96.64136
071919BK-01 -365	235.7626	8770.293	83.90816	16.21326	3.302397	0.558039	4.104128	0.067026	0.873553	0.212847	418.2155	3.537352	450.2491	14.92685	618.2588	86.56731	418.2155	3.537352	67.64409
071919BK-01 -366	406.1269	10695.09	60.17454	17.89628	3.02961	0.441756	3.809154	0.058425	0.783606	0.205717	366.0422	2.788413	371.4897	11.85137	406.5658	83.45213	366.0422	2.788413	90.03271
071919BK-01 -367	93.20931	12511.69	0.715963	6.877164	0.911323	8.486267	1.218551	0.423765	0.784459	0.643763	2277.548	15.05136	2284.455	11.0691	2291.375	16.03664	2291.375	16.03664	99.39656
071919BK-01 -368	279.943	25399.95	2.654884	12.72525	0.996085	2.126769	1.332311	0.196515	0.712099	0.534484	1156.569	7.539382	1157.537	9.201781	1160.193	22.32815	1160.193	22.32815	99.68769
071919BK-01 -369	367.7199	19681.11	1.865531	13.82999	1.026747	1.599583	1.339696	0.16111	0.673686	0.502865	962.9425	6.025947	970.0471	8.370456	987.0556	23.54549	987.0556	23.54549	97.55707
071919BK-01 -370	142.2475	8534.051	0.498283	15.33416	3.269168	0.570847	4.362471	0.06479	2.809589	0.644036	404.6883	11.02055	458.5621	16.09847	739.281	70.61091	404.6883	11.02055	54.7408
071919BK-01 -371	80.87751	2122.798	1.5291	16.17241	6.742012	0.599225	7.220153	0.078596	1.003922	0.139044	487.7364	4.715843	476.742	27.47659	425.1369	159.6915	487.7364	4.715843	114.7246
071919BK-01 -372	27.74773	1672.332	0.834597	11.42558	8.625577	1.834849	9.130814	0.167299	1.334034	0.146102	997.2141	12.3253	1058.018	60.0781	1186.572	178.7721	1186.572	178.7721	84.0416
071919BK-01 -373	914.2251	21478.02	3.097128	17.06891	1.087069	0.650371	1.646615	0.080971	1.032983	0.627337	501.9138	4.987986	508.707	6.588822	540.3343	28.0658	501.9138	4.987986	92.88948
071919BK-01 -374	619.8992	17954.57	1.203234	17.81405	1.455042	0.469327	1.754894	0.061162	0.908383	0.517628	382.6911	3.375128	390.7239	5.691706	439.5023	33.42616	382.6911	3.375128	87.07373
071919BK-01 -375	317.0988	48878.68	2.441946	12.8762	1.227993	2.110419	1.540612	0.196652	0.922017	0.598474	1157.31	9.767603	1152.214	10.61424	1143.512	24.51562	1143.512	24.51562	101.2066
071919BK-01 -376	114.3555	32705.31	1.411239	5.422868	0.882568	13.43971	1.236256	0.526507	0.860913	0.696387	2726.716	19.14185	2711.055	11.68393	2700.108	14.64793	2700.108	14.64793	100.9855
071919BK-01 -377	266.9763	20354.14	2.327905	16.541	3.109538	0.876923	3.278813	0.105824	0.849203	0.258997	648.4492	5.238747	639.3197	15.55592	608.1076	68.47274	648.4492	5.238747	106.6339
071919BK-01 -378	716.6505	15168.41	2.712793	17.55954	1.358685	0.557927	1.614109	0.071844	0.8129	0.503621	447.2577	3.512498	450.1764	5.869458	466.0557	30.90071	447.2577	3.512498	95.96659
071919BK-01 -379	786.9788	28710.48	1.321831	16.87886	1.618695	0.688043	1.854696	0.08445	0.863522	0.465587	522.6273	4.334907	531.6238	7.67614	571.3818	35.71178	522.6273	4.334907	91.46727
071919BK-01 -380	995.7262	117600.1	1.78015	12.43255	0.860883	2.160623	1.238634	0.193958	0.886673	0.715847	1142.779	9.285382	1168.471	8.597847	1217.259	17.02597	1217.259	17.02597	93.88128
071919BK-01 -381	87.99484	22494.27	1.643625	6.152991	0.940912	10.255	1.245344	0.45649	0.807089	0.648085	2424.043	16.30664	2458.052	11.522	2487.022	15.98787	2487.022	15.98787	97.46768
071919BK-01 -382	1131.491	28167.46	3.422182	17.65646	1.445884	0.466151	2.163648	0.059887	1.354941	0.62623	374.9385	4.935281	388.5268	6.985079	471.2191	37.33907	374.9385	4.935281	79.56777
071919BK-01 -383	1320.533	21147.11	2.381826	14.06409	0.822255	1.536392	1.46251	0.157282	1.13953	0.77916	941.6531	9.983515	945.0604	8.99551	953.882	18.74973	953.882	18.74973	98.71798
071919BK-01 -384	137.6739	9232.546	3.959109	14.04207	2.784739	1.5303	3.215654	0.15837	0.898166	0.279311	947.7132	7.915918	942.6185	19.74961	931.648	63.37549	931.648	63.37549	101.7244
071919BK-01 -385	61.22256	3173.622	1.585727	15.14524	4.83335	0.829773	6.293868	0.097317	1.048504	0.166591	598.6667	5.994397	613.4861	28.98862	669.5137	132.9357	598.6667	5.994397	89.41815
071919BK-01 -386	627.8084	104953.1	0.98884	10.60517	0.639438	3.301852	0.89718	0.252815	0.619298	0.690271	1452.978	8.056269	1481.49	6.992274	1523.364	12.23459	1523.364	12.23459	95.37957
071919BK-01 -387	116.1701	17646.17	1.036491	8.682228	1.142249	4.552061	4.56264	0.28685	4.41206	0.966997	1625.768	63.40162	1740.538	38.00167	1882.123	20.94078	1882.123	20.94078	86.37947
071919BK-01 -388	301.7333	11812.53	4.674625	18.02787	2.750775	0.49082	2.941797	0.065248	0.695288	0.236348	407.4642	2.74537	405.469	9.834518	395.0742	64.11511	407.4642	2.74537	103.1361
071919BK-01 -389	114.1694	23953.58	0.813762	7.21496	0.796278	7.448093	1.070044	0.38896	0.646377	0.604066	2118.003	11.66863	2166.767	9.579232	2214.027	14.78804	2214.027	14.78804	95.66295
071919BK-01 -390	264.6177	38828.05	1.264618	8.643106	0.649432	5.467591	0.928353	0.341733	0.647876	0.697877	1894.999	10.63729	1895.521	7.969028	1896.858	11.95505	1896.858	11.95505	99.902
071919BK-01 -391	161.2991	14632.56	2.71909	13.40674	2.417458	1.805696	2.580463	0.176842	0.695111	0.269375	1049.697	6.73347	1047.521	16.86442	1043.846	50.13993	1043.846	50.13993	100.5604
071919BK-01 -392	340.3395	7731.043	0.762983	17.76514	2.620927	0.389439	3.268231	0.051612	0.769951	0.235586	324.4091	2.435982	333.9599	9.301546	401.9817	71.15351	324.4091	2.435982	80.70247
071919BK-01 -393	130.9115	5769.042	0.878958	15.91649	5.708726	0.555748	5.964911	0.066429	1.307814	0.219251	414.604	5.251563	448.7552	21.63906	628.7045	125.4891	414.604	5.251563	65.94576
071919BK-01 -394	233.5165	15081.04	1.988548	10.67146	1.056694	2.958019	1.973728	0.229844	1.606633	0.814009	1333.681	19.35617	1396.907	14.97862	1495.596	21.6901	1495.596	21.6901	89.17391
071919BK-01 -395	1291.065	89563.78	3.27076	16.24129	0.831291	0.8269	1.199068	0.097081	0.857238	0.71492	597.2784	4.890062	611.8909	5.510823	667.2912	17.95367	597.2784	4.890062	89.50791
071919BK-01 -396	394.9464	23950.11	2.599623	16.44823	1.794343	0.81678	2.120663	0.097832	0.740215	0.349049	601.6933	4.252286	606.2505	9.68094	624.2395	42.85136	601.6933	4.252286	96.38822
071919BK-01 -397	278.2907	31687.51	1.215475	8.641285	0.714231	5.380984	1.031278	0.336476	0.733028	0.710795	1869.696	11.89686	1881.832	8.830609	1896.018	13.0443	1896.018	13.0443	98.61173
071919BK-01 -398	236.0302	40496.15	1.451121	7.517843	0.879855	6.855231	1.142661	0.372473	0.704212	0.616291	2041.026	12.32007	2092.887	10.12569	2145.035	15.72411	2145.035	15.72411	95.15118
071919BK-01 -399	229.1852	29457.41	2.277786	9.741948	0.905446	4.20048	1.17189	0.296371	0.7091	0.605091	1673.287	10.45038	1674.114	9.611366	1675.937	17.2401	1675.937	17.2401	99.84192
071919BK-01 -400	532.228	12907.97	4.495043	17.79504	2.168576	0.422155	2.684782	0.055273	0.710161	0.264513	346.8129	2.39785	357.5906	8.092317	429.0876	57.73957	346.8129	2.39785	80.82567
071919BK-01 -401	381.013	27867.79	2.431221	6.529703	0.671049	8.366906	1.381879	0.395077	1.203569	0.870965	2146.329	21.97222	2271.598	12.53403	2387.085	11.55986	2387.085	11.55986	89.91425
071919BK-01 -402	386.9128	8457.349	4.010103	18.09517	2.847479	0.448054	3.237017	0.06034	0.748377	0.231194	377.6925	2.745356	375.9155	10.17032	365.9386	70.99658	377.6925	2.745356	103.212
071919BK-01 -403	167.1853	13699.78	2.645761	12.92413	1.668185	2.045985	1.890752	0.193228	0.713015	0.377107	1138.836	7.443263	1130.959	12.89622	1116.753	34.94672	1116.753	34.94672	101.9774
071919BK-01 -404	49.39857	4169.869	1.099115	12.61866	5.76063	1.898172	7.019026	0.180435	1.387814	0.197722	1069.353	13.67508	1080.449	46.71156	1103.748	137.7083	1103.748	137.7083	96.88384
071919BK-01 -405	212.1877	25241.13	2.141421	12.91824	1.172659	2.052555	1.495086	0.192565	0.772837	0.516918	1135.256	8.044552	1133.146	10.20804	1129.956	25.47906	1129.956	25.47906	100.469
071919BK-01 -406	65.23337	2106.602	1.622818	13.47374	10.11115	0.699795	10.82127	0.074851	1.924107	0.177808	465.3136	8.637646	538.6684	45.26576	863.5791	221.4589	465.3136	8.637646	53.88199

071919BK-01 -407	392.4642	39678	2.42069	5.196959	0.628346	14.13671	0.945543	0.53051	0.689353	0.729055	2743.6	15.40346	2758.921	8.96684	2770.852	10.61725	2770.852	10.61725	99.0165
071919BK-01 -408	207.6929	9547.606	0.776961	16.12347	3.284348	0.868222	3.884166	0.103455	0.848463	0.218441	634.6237	5.12799	634.6011	18.33062	635.4772	81.60769	634.6237	5.12799	99.86569
071919BK-01 -409	191.864	10937.25	1.404236	16.41289	4.675186	0.808857	5.220846	0.097841	0.838973	0.160697	601.7437	4.820007	601.8128	23.70922	602.9944	111.5785	601.7437	4.820007	99.79259
071919BK-01 -410	1311.343	3502.187	2.698633	17.46519	0.97356	0.362412	2.388017	0.049225	1.977137	0.827941	309.7622	5.97961	314.0142	6.450116	346.6741	30.29187	309.7622	5.97961	89.35256
071919BK-01 -411	394.2608	35574.07	5.355828	8.49673	0.68232	4.79225	1.476017	0.294516	1.291007	0.874656	1664.057	18.93431	1783.541	12.40038	1927.113	12.81854	1927.113	12.81854	86.34976
071919BK-01 -412	149.8389	15323.07	1.55864	13.55918	1.367457	1.75642	1.773422	0.173895	0.764887	0.431306	1033.537	7.304222	1029.53	11.47476	1021.888	32.40577	1021.888	32.40577	101.14
071919BK-01 -413	38.1365	3089.45	4.151699	11.56613	6.490111	2.20826	8.576327	0.19439	1.047072	0.122089	1145.112	10.98557	1183.661	60.0091	1255.677	166.7438	1255.677	166.7438	91.19475
071919BK-01 -414	508.5681	55854.39	3.199697	13.06332	0.747016	1.946294	1.042385	0.183918	0.719165	0.689922	1088.343	7.201934	1097.17	6.991935	1115.573	15.04572	1115.573	15.04572	97.55908
071919BK-01 -415	214.3683	7210.182	1.350729	16.04882	4.919224	0.554355	5.112516	0.06628	0.933341	0.18256	413.7051	3.739987	447.8453	18.51613	628.1234	108.3819	413.7051	3.739987	65.86367
071919BK-01 -416	122.1761	12306.21	1.211543	13.46628	2.289412	1.7254	2.620349	0.170167	0.791679	0.302127	1013.029	7.421545	1018.039	16.84567	1029.688	50.52286	1029.688	50.52286	98.38212
071919BK-01 -417	608.147	4427.097	119.4596	17.46922	1.888283	0.426635	4.366923	0.05702	1.279901	0.29309	357.4775	4.450813	360.7843	13.26092	383.0575	93.84292	357.4775	4.450813	93.32217
071919BK-01 -418	420.0564	28151.4	2.13164	16.54651	1.697939	0.804196	1.886711	0.096761	0.644282	0.341484	595.3989	3.664226	599.193	8.539332	614.4968	38.30228	595.3989	3.664226	96.89211
071919BK-01 -419	2115.066	70138.8	25.34031	18.43421	0.725899	0.431654	0.953786	0.05759	0.597827	0.626794	360.9545	2.098584	364.3502	2.919978	386.9762	16.6895	360.9545	2.098584	93.27565
071919BK-01 -420	1110.026	17756.4	2.707631	18.04282	1.010101	0.438753	1.422561	0.057934	0.698755	0.491195	363.0479	2.466705	369.373	4.404915	410.2101	27.71533	363.0479	2.466705	88.50292
071919BK-01 -421	291.6262	41950.26	2.300834	9.074385	0.669779	4.657217	0.93371	0.30559	0.613356	0.656902	1718.97	9.254721	1759.59	7.805019	1808.943	12.79345	1808.943	12.79345	95.02619
071919BK-01 -422	118.1176	19272.9	1.357802	5.371605	0.773849	10.33376	2.994584	0.40158	2.884733	0.963317	2176.312	53.28294	2465.133	27.73057	2713.407	13.25448	2713.407	13.25448	80.20589
071919BK-01 -423	343.0214	34539.62	2.822262	10.69891	0.640152	3.359922	0.908973	0.26029	0.635866	0.699543	1491.327	8.465874	1495.105	7.112769	1501.272	12.27944	1501.272	12.27944	99.33759
071919BK-01 -424	364.2381	29539.34	2.811553	12.76975	0.851202	2.076755	1.111961	0.192376	0.616361	0.554301	1134.235	6.4105	1141.164	7.621142	1155.206	18.36379	1155.206	18.36379	98.18466
071919BK-01 -425	251.8655	26968.11	1.987634	8.211637	0.65675	5.775074	1.915873	0.343301	1.787895	0.933201	1902.53	29.4554	1942.682	16.5836	1986.527	12.25068	1986.527	12.25068	95.77164
071919BK-01 -426	809.058	39018.45	4.157558	14.01783	0.769178	1.40813	1.375197	0.143046	1.12932	0.821206	861.8645	9.110616	892.3698	8.165204	969.6224	15.99964	969.6224	15.99964	88.88661
071919BK-01 -427	877.6592	177957.6	1.207549	9.335986	0.573014	4.604154	0.839342	0.310127	0.61277	0.730059	1741.333	9.350661	1750.021	7.001898	1761.194	10.48677	1761.194	10.48677	98.87227
071919BK-01 -428	160.8503	5971.525	1.720116	16.38786	3.174211	0.807153	3.775781	0.09932	0.794047	0.2103	610.4203	4.624612	600.8554	17.12532	565.8953	80.42668	610.4203	4.624612	107.8681
071919BK-01 -429	66.5671	11738.83	2.130661	7.638403	1.251672	6.864977	1.567437	0.381324	0.660717	0.421527	2082.467	11.75798	2094.146	13.89277	2106.395	24.94651	2106.395	24.94651	98.86406
071919BK-01 -430	293.8619	43757.33	1.83679	5.332957	0.569251	11.5376	1.292031	0.444272	1.156264	0.89492	2369.736	22.92857	2567.632	12.07325	2728.513	9.491844	2728.513	9.491844	86.85082
071919BK-01 -431	277.8977	24682.97	2.22602	13.36725	1.017711	1.809414	1.482268	0.175734	0.960969	0.64831	1043.627	9.259218	1048.866	9.693756	1060.689	22.71013	1060.689	22.71013	98.39141
071919BK-01 -432	122.3175	10878.89	2.504126	14.95516	3.238232	1.149217	3.487081	0.126409	0.857062	0.245782	767.3496	6.20032	776.8733	18.93494	805.2288	70.76311	767.3496	6.20032	95.29585
071919BK-01 -433	178.5336	4051.77	1.878472	14.52907	4.311556	1.311626	5.51023	0.14486	0.791927	0.143719	872.0853	6.459508	850.8413	31.75657	796.7364	114.3742	872.0853	6.459508	109.4572
071919BK-01 -434	177.1831	3299.745	2.037142	15.16218	2.117161	1.011263	3.283727	0.118405	1.725371	0.52543	721.3764	11.7753	709.5118	16.76609	673.0742	59.79039	721.3764	11.7753	107.1763
071919BK-01 -435	263.9325	5931.134	4.283411	16.90897	2.266909	0.520867	2.702947	0.066246	0.820013	0.303377	413.5018	3.284305	425.7305	9.399734	493.4294	56.80967	413.5018	3.284305	83.8016
071919BK-01 -436	135.2298	34185.5	1.05409	5.255451	0.735195	13.9054	1.039049	0.527849	0.723563	0.696371	2732.382	16.11479	2743.284	9.842814	2752.02	12.25513	2752.02	12.25513	99.28639
071919BK-01 -437	751.6639	105503.2	1.589355	6.820353	0.660727	7.6418	0.977054	0.376084	0.717082	0.733923	2057.965	12.63361	2189.786	8.773051	2316.364	11.38512	2316.364	11.38512	88.84464
071919BK-01 -438	421.4424	33415.49	79.58872	13.86031	0.948217	1.644281	1.35379	0.165289	0.81846	0.604569	986.1037	7.483879	987.3577	8.547909	991.0512	21.91117	991.0512	21.91117	99.50079
071919BK-01 -439	853.706	22627.37	1.750285	18.30051	1.245979	0.447542	1.518565	0.059755	0.691403	0.4553	374.1367	2.513157	375.5564	4.767262	385.2782	30.3709	374.1367	2.513157	97.10821
071919BK-01 -440	96.57735	13855.89	0.960476	7.801104	0.990388	6.540502	1.345422	0.37062	0.782086	0.581294	2032.318	13.63281	2051.367	11.85002	2071.321	19.28944	2071.321	19.28944	98.11702
071919BK-01 -441	442.4728	19874.4	2.646854	17.11803	1.526312	0.755124	1.768604	0.094375	0.729127	0.412261	581.3607	4.05334	571.1934	7.726443	531.905	35.31062	581.3607	4.05334	109.2978
071919BK-01 -442	460.5996	25775.06	3.215955	17.09905	1.630031	0.730831	1.802947	0.090973	0.732435	0.406243	561.2877	3.937175	557.0408	7.730072	540.6759	36.04967	561.2877	3.937175	103.8122
071919BK-01 -443	721.3988	84250.8	4.901793	7.801459	0.6545	6.417051	0.965058	0.361379	0.708719	0.73438	1988.706	12.12765	2034.606	8.478083	2082.227	11.52602	2082.227	11.52602	95.50861
071919BK-01 -444	151.7512	13166.39	3.74289	12.60931	1.931612	2.1113	2.17134	0.194573	0.762951	0.351374	1146.1	8.010971	1152.501	14.96226	1165.404	40.27389	1165.404	40.27389	98.34358
071919BK-01 -445	116.6715	4616.597	1.483897	15.74186	5.78538	0.752932	6.367645	0.08989	0.904298	0.142014	554.8867	4.807935	569.9244	27.77844	631.3363	135.878	554.8867	4.807935	87.89083
071919BK-01 -446	1056.616	133631.4	26.18682	7.934611	0.644106	6.347943	0.976825	0.363429	0.733344	0.750743	1998.408	12.60126	2025.101	8.568883	2053.17	11.39435	2053.17	11.39435	97.33283
071919BK-01 -447	141.439	6801.734	3.907705	15.52497	3.332988	0.924961	4.592039	0.107059	0.838639	0.182629	655.6453	5.228125	664.9804	22.40823	697.6682	96.22461	655.6453	5.228125	93.97667
071919BK-01 -448	181.8219	9205.677	1.932808	16.15303	3.920435	0.836868	4.080853	0.1	0.759138	0.186024	614.4098	4.448843	617.4158	18.88035	629.3705	86.41714	614.4098	4.448843	97.62291
071919BK-01 -449	594.736	33113.48	1.769208	13.20008	0.723346	1.770635	1.358819	0.169469	1.113624	0.819553	1009.184	10.403	1034.753	8.817634	1090.054	15.58764	1090.054	15.58764	92.58108
071919BK-01 -450	309.5719	26052.34	1.957792	11.43411	0.735353	2.857573	1.081667	0.237024	0.699541	0.646724	1371.207	8.64063	1370.806	8.136095	1371.003	15.87517	1371.003	15.87517	100.0149
071919BK-01 -451	294.5575	11611.53	2.128567	13.49232	1.10736	1.584287	1.392629	0.156706	0.703759	0.505345	938.4463	6.146178	964.0552	8.668998	1023.785	24.33692	1023.785	24.33692	91.66437
071919BK-01 -452	254.2262	10757.54	1.130932	16.12522	3.1411	0.806511	3.393661	0.095842	0.766957	0.225997	589.9966	4.324124	600.495	15.38514	641.2922	71.11178	589.9966	4.324124	92.00122
071919BK-01 -453	713.0017	17388.71	2.279827	16.76158	1.01333	0.725293	1.94542	0.088892	1.064362	0.547112	548.9801	5.601252	553.787	8.304314	574.5276	35.41069	548.9801	5.601252	95.55331
071919BK-01 -454	394.518	50399.07	0.748393	5.86393	0.63493	10.88867	0.944486	0.461009	0.69693	0.737893	2444.013	14.17635	2513.668	8.783702	2571.123	10.65687	2571.123	10.65687	95.05623
071919BK-01 -455	343.8812	17246.58	2.057642	10.66644	0.797134	3.075112	1.443872	0.238531	0.942445	0.652721	1379.054	11.70072	1426.51	11.06362	1498.857	20.68492	1498.857	20.68492	92.00704
071919BK-01 -456	238.283	23192.41	2.748383	13.56304	1.107826	1.661102	1.371351	0.163796	0.771773	0.562783	977.8383	7.002205	993.7963	8.692085	1030.048	22.93632	1030.048	22.93632	94.93134
071919BK-01 -457	285.7162	59399.91	2.089153	7.545796	0.755443	7.311108	1.103788	0.39841	0.799956	0.724737	2161.715	14.69201	2150.168	9.859466	2139.904	13.29661	2139.904	13.29661	101.0193
071919BK-01 -458	677.2866	41279.44	5.768259	14.40183	0.983146	1.386735	1.244054	0.144712	0.756399	0.608011	871.252	6.164204	883.3084	7.339492	914.5459	20.34385	871.252	6.164204	95.26608
071919BK-01 -459	91.46324	12410.54	0.893868	10.71907	2.019025	3.177263	2.304	0.248525	0.826553	0.358747	1430.867	10.60626	1451.649	17.79583	1483.016	40.7591	1483.016	40.7591	96.48354
071919BK-01 -460	188.3251	29939.44	1.286941	4.48515	0.70507	17.7213	1.020143	0.574022	0.72913	0.714733	2924.314	17.14123	2974.729	9.805367	3009.68	11.46177	3009.68	11.46177	97.16362
071919BK-01 -461	375.4267	13148.13	8.769651	16.79332	2.187997	0.712613	2.384973	0.087909	0.83858	0.35161	543.1586	4.368211	546.2965	10.07679	560.3701	48.66801	543.1586	4.368211	96.92856
071919BK-01 -462	64.10819	5273.207	0.69928	12.60924	6.23178	1.717148	6.800303	0.161582	1.004505	0.147715	965.5599	9.007669	1014.959	43.66366	1123.984	134.2158	1123.984	134.2158	85.90514
071919BK-01 -463	124.596	16719.52	2.078033	13.20476	3.345364	1.863469	3.482321	0.17942	0.822462	0.236182	1063.805	8.0656	1068.217	23.01457	1078.109	67.93237	1078.109	67.93237	98.67318
071919BK-01 -464	200.515	11904.14	1.818691	13.52635	1.041409	1.738041	1.398038	0.172284	0.690802	0.494123	1024.682	6.544608	1022.737	9.011152	1019.439	24.60449	1019.439	24.60449	100.5143
071919BK-01 -465	376.5958	12768.35	3.410068	14.263	0.953833	1.543598	1.459078	0.16131	0.818253	0.560801	964.0521	7.326875	947.9411	8.990951	911.5888	24.87504	911.5888	24.87504	105.7551
071919BK-01 -466	182.7986	9507.289	1.349376	15.80386	2.937782	0.891279	3.633141	0.104052	0.717968	0.197616	638.1135	4.361997	647.0564	17.38652	679.2965	76.12188	638.1135	4.361997	93.93741
071919BK-01 -467	439.1066	17016.87	5.67009	16.15194	1.250121	0.926006	1.466975	0.109335	0.642891	0.438243	668.8829	4.084614	665.531	7.161697	655.108	28.31	668.8829	4.084614	102.1027
071919BK-01 -468	90.81441	4319.639	1.243405	13.45368	4.36602	1.599941	4.758728	0.162409	1.491691	0.313464	970.1489	13.43532	970.1871	29.74305	971.1472	92.24083	971.1472	92.24083	99.8972
071919BK-01 -469	224.1505	11329.79	0.772414	14.45968	1.807855	1.407247	1.962856	0.149439	0.598935	0.305134	897.8167	5.019669	891.9976	11.65164	878.4811	38.70424	897.8167	5.019669	102.201
071919BK-01 -470	752.4467	1437.851	1.576703	16.50345	3.737604	0.303037	8.898731	0.043363	2.590412	0.291099	273.6438	6.940163	268.7695	21.01642	227.5042	197.0216	273.6438	6.940163	120.2808
071919BK-01 -471	237.5749	10135.34	1.664272	16.74913	4.002197	0.554848	4.173511	0.068649	0.712613	0.170747	428.011	2.951011	448.1676	15.12341	553.9296	89.76078	428.011	2.951011	77.26811
071919BK-01 -472	369.7979	17766.3	5.940689	16.7537	1.843777	0.810656	2.05316	0.099276	0.688728	0.335448	610.1657	4.009629	602.822	9.333951	576.2285	42.0279	610.1657	4.009629	105.8895
071919BK-01 -473	423.1424	10440.94	3.955312	17.56905	2.152453	0.52481	2.622103	0.068148	0.847504	0.323215	424.9854	3.485611	428.3594	9.163845	447.4971	55.14941	424.9854	3.485611	94.96943
071919BK-01 -474	478.6463	10251.43	3.011324	18.3648	2.792394	0.449832	3.796334	0.061162	0.689935	0.181737	382.6877	2.563454	377.1614	11.96043	344.3276	84.48102	382.6877	2.563454	111.1406
071919BK-01 -475	51.80928	13630.43	5.749738	4.103852	0.897161	20.09861	1.169115	0.596639	0.747479	0.639355	3016.282	18.00626	3096.113	11.30882	3148.991	14.27062	3148.991	14.27062	95.78567
071919BK-01 -476	115.5103	7062.429	1.516108	15.29837	5.750838	0.914499	5.977467	0.104118	1.412646	0.236329	638.4985	8.587428	659.4465	28.99968	732.7018	123.1218	638.4985	8.587428	87.14302
071919BK-01 -477	350.6476	10108.73	1.509869	16.32385	2.869281	0.667773	3.592932	0.080473	0.753986	0.209853	498.9471	3.620089	519.3576	14.60834	611.0904	75.95469	498.9471	3.620089	81.64867
071919BK-01 -478	446.2022	2587.567	2.933343	15.26579	2.810716	0.683205	5.48473	0.082221	3.88266	0.707904	509.3673	19.01589	528.7095	22.60846	614.0256	83.69163	509.3673	19.01589	82.95538
071919BK-01 -479	179.7429	24392.68	0.887308	9.539707	1.023486	4.346625	1.200294	0.300561	0.599406	0.499383	1694.089	8.929793	1702.255	9.908405	1713.104	19.12558	1713.104	19.12558	98.89006
071919BK-01 -480	374.9452	10933.58	3.701928	17.45361	2.551163	0.462754	3.031168	0.059617	0.74646	0.246261	373.298	2.707374	386.1713	9.737151	465.0094	65.118	373.298	2.707374	80.27753
071919BK-01 -481	104.4936	13334.28	3.304527	11.6873	1.808094	2.474366	2.034671	0.211092	0.643574	0.316304	1234.633	7.231223	1264.57	14.71441	1316.685	37.42702	1316.685	37.42702	93.76824
071919BK-01 -482	240.1419	15836.41	0.912813	13.94739	1.464162	1.64582	1.667415	0.167606	0.654437	0.392486	998.9062	6.055904	987.9485	10.53201	964.5958	31.33115	964.5958	31.33115	103.557
071919BK-01 -483	1388.173	27593.12	0.533077	18.46858	1.202978	0.405796	1.445733	0.054567	0.706013	0.488343	342.4988	2.354972	345.8429	4.237461	369.3289	28.4002	342.4988	2.354972	92.73543
071919BK-01 -484	232.8409	44151.23	1.629305	8.180494	0.856952	6.000769	1.139353	0.354796	0.736622	0.646527	1957.46	12.43565	1975.956	9.916609	1996.131	15.44733	1996.131	15.44733	98.06272
071919BK-01 -485	470.0016	62414.44	2.333585	10.49718	0.695972	3.367958	1.04131	0.255488	0.769647	0.739114	1466.717	10.09644	1496.975	8.152815	1540.883	13.19049	1540.883	13.19049	95.18681
071919BK-01 -486	195.3346	26761.8	1.297611	9.134438	0.825831	4.930739	1.121752	0.326233	0.712742	0.635384	1820.095	11.30209	1807.533	9.469834	1793.853	15.7712	1793.853	15.7712	101.4629
071919BK-01 -487	184.465	31471.17	1.993649	7.62178	0.809664	6.699422	1.10428	0.369317	0.747895	0.677269	2026.188	13.00335	2072.544	9.756676	2119.689	14.23673	2119.689	14.23673	95.58894
071919BK-01 -488	547.1247	19413.27	13.26536	17.97548	2.540356	0.508606	2.722579	0.066817	0.725813	0.26659	416.9493	2.930479	417.5114	9.320264	421.5678	58.58155	416.9493	2.930479	98.90446
071919BK-01 -489	420.3145	53290.43	1.459615	9.217398	0.752348	4.397861	1.052113	0.292949	0.731958	0.695703	1656.25	10.69093	1711.939	8.704078	1781.536	13.78085	1781.536	13.78085	92.96756

Unit: TRcs
Sample: 071919BK-02

				Isotope ratios						Apparent ages (Ma)								
Analysis	U (ppm)	206Pb 204Pb	U/Th	206Pb* 207Pb*	± (%)	207Pb* 235U	± (%)	206Pb* 238U	± (%)	error corr.	206Pb* 238U	± (Ma)	207Pb* 235U	± (Ma)	206Pb* 207Pb*	± (Ma)	Best age (Ma)	± (Ma)	Conc (%)
071919BK-02-1	412.8339	7508.835	2.699922	18.43407	3.841514	0.434617	4.002334	0.059849	0.797747	0.199321	374.708	2.904006	366.4495	12.31218	315.5266	89.23005	374.708	2.904006	118.7564
071919BK-02-2	471.6198	11011.49	2.045668	17.42803	2.355876	0.697584	2.822765	0.08962	0.625955	0.221753	553.2898	3.318882	537.3471	11.77849	471.213	60.94476	553.2898	3.318882	117.4182
071919BK-02-3	266.3322	26081.11	5.33151	12.83686	1.781194	2.065187	1.945978	0.192177	0.596852	0.30671	1133.157	6.202195	1137.339	13.31359	1146.21	36.82325	1146.21	36.82325	98.86126
071919BK-02-4	793.1537	10572.65	2.879441	18.44348	2.248172	0.437099	2.999244	0.059551	0.716441	0.238874	372.8965	2.595781	368.2047	9.262897	339.7788	65.96506	372.8965	2.595781	109.7468
071919BK-02-5	151.7049	12756.78	1.405079	8.125831	1.289823	6.196378	1.514355	0.36555	0.627839	0.414592	2008.427	10.83443	2003.937	13.24056	2000.068	24.4817	2000.068	24.4817	100.4179
071919BK-02-6	442.1603	33734.29	1.26297	8.500784	0.674175	5.806837	0.91807	0.356544	0.61007	0.664513	1965.769	10.33658	1947.431	7.952591	1928.748	12.28863	1928.748	12.28863	101.9194
071919BK-02-7	184.3901	22683.71	2.616493	8.129808	0.799316	6.332816	1.056806	0.373354	0.625418	0.5918	2045.164	10.96043	2023.008	9.267518	2001.232	15.13039	2001.232	15.13039	102.1953
071919BK-02-8	313.2305	10462.53	1.763041	13.52848	1.040818	1.828087	1.821927	0.18119	0.614416	0.337234	1073.473	6.075694	1055.593	11.95873	1019.656	34.74851	1019.656	34.74851	105.278
071919BK-02-9	123.9731	1406.47	0.9721	12.66805	7.636704	0.903537	16.70982	0.094505	1.982479	0.118642	582.1278	11.03484	653.6159	80.70483	909.768	343.9073	582.1278	11.03484	63.9864
071919BK-02-10	213.9766	6886.077	2.557871	9.159562	1.437642	4.402131	1.797567	0.295319	1.002223	0.557544	1668.056	14.72984	1712.741	14.87455	1768.605	27.25483	1768.605	27.25483	94.31477
071919BK-02-11	566.1776	45874.04	24.82839	8.493545	0.622847	5.473761	0.869108	0.335175	0.588697	0.677358	1863.418	9.526734	1896.489	7.461747	1933.642	11.44558	1933.642	11.44558	96.36834
071919BK-02-12	384.9773	3245.288	1.705242	15.52483	5.033585	0.487377	8.97331	0.058468	1.248288	0.139111	366.3017	4.445017	403.1212	29.86424	620.8832	192.083	366.3017	4.445017	58.99689
071919BK-02-13	168.2054	1510.133	0.845378	12.63161	9.263666	0.752312	12.75017	0.077632	1.922444	0.150778	481.9759	8.927813	569.5648	55.63739	937.5184	259.4257	481.9759	8.927813	51.40975
071919BK-02-14	1201.542	11558.77	24.91663	17.33071	2.257978	0.4786	2.491034	0.06098	0.831789	0.333913	381.5851	3.081869	397.1116	8.187299	489.4546	51.82762	381.5851	3.081869	77.96128
071919BK-02-15	320.3385	10306.24	4.150694	15.70822	1.794529	1.03697	1.993205	0.119776	0.701357	0.351874	729.2752	4.836113	722.4081	10.30335	702.0928	39.72046	729.2752	4.836113	103.8716
071919BK-02-16	230.2379	7761.282	1.138713	15.3735	5.712244	0.89785	6.163642	0.102286	1.775391	0.288043	627.7895	10.62021	651.0594	29.63205	733.5237	125.107	627.7895	10.62021	85.58545
071919BK-02-17	595.9278	13663.54	0.592832	13.56759	0.961715	1.718993	1.298569	0.17013	0.76716	0.590774	1012.825	7.190353	1015.649	8.336247	1022.603	21.20482	1022.603	21.20482	99.04381
071919BK-02-18	732.953	29032.01	3.890932	13.33289	0.871739	1.882433	1.232142	0.181679	0.646167	0.524426	1076.139	6.404247	1074.92	8.170717	1073.34	21.07098	1073.34	21.07098	100.2608

071919BK-02-19	647.8522	16115.25	1.685439	16.77083	1.667835	0.738405	1.955274	0.090421	0.667108	0.341184	558.0293	3.566085	561.4744	8.433176	576.3861	39.94708	558.0293	3.566085	96.81519
071919BK-02-20	597.8806	56404.56	3.058793	9.81273	0.666894	4.21966	0.927534	0.298484	0.631047	0.68035	1683.787	9.35115	1677.852	7.613826	1671.224	12.56788	1671.224	12.56788	100.7517
071919BK-02-21	243.0063	4408.47	2.90293	14.68946	7.121857	0.611804	8.021231	0.067888	0.862045	0.10747	423.42	3.532781	484.6975	30.9247	786.8655	167.6934	423.42	3.532781	53.81097
071919BK-02-22	509.675	27973.31	0.889419	11.82808	0.876207	2.627336	1.172458	0.224819	0.623222	0.531551	1307.286	7.374312	1308.32	8.623144	1310.842	19.27152	1310.842	19.27152	99.72875
071919BK-02-23	604.5744	12154.07	1.213798	16.15097	1.861188	0.755595	2.358841	0.089482	0.949128	0.40237	552.4731	5.025262	571.4655	10.3088	648.6866	46.39841	552.4731	5.025262	85.16796
071919BK-02-24	526.0982	83004.25	2.380972	8.563465	0.665393	5.584344	0.953314	0.344382	0.669888	0.702694	1907.717	11.06214	1913.687	8.209849	1920.929	12.16056	1920.929	12.16056	99.3122
071919BK-02-25	587.2539	18560.87	2.047529	16.40583	1.742128	0.842664	2.179051	0.100708	0.7378	0.338588	618.5543	4.351583	620.6148	10.11859	629.0534	44.15956	618.5543	4.351583	98.33097
071919BK-02-26	354.8158	39571.67	2.123427	8.282219	0.712277	5.865366	0.933359	0.350328	0.584146	0.625854	1936.162	9.769566	1956.125	8.096907	1978.075	12.96617	1978.075	12.96617	97.88112
071919BK-02-27	772.8596	16148.9	4.33628	18.00462	2.951203	0.498707	3.095977	0.06564	0.656843	0.21216	409.8339	2.608178	410.8266	10.46096	417.3594	67.60785	409.8339	2.608178	98.19687
071919BK-02-28	1865.809	8030.397	22.28698	16.16427	1.086677	0.522407	2.049361	0.062552	0.735668	0.358974	391.1246	2.791827	426.7579	7.140582	624.9743	41.26374	391.1246	2.791827	62.58251
071919BK-02-29	196.6195	5435.01	1.513306	11.18977	2.115964	2.629667	4.184815	0.217887	2.072486	0.49524	1270.703	23.90215	1308.972	30.79451	1373.055	69.95833	1373.055	69.95833	92.54567
071919BK-02-30	474.2068	10982.87	2.183133	16.76523	2.889069	0.603637	3.424977	0.074428	0.816972	0.238534	462.7762	3.648235	479.5392	13.09126	561.4823	72.51311	462.7762	3.648235	82.42044
071919BK-02-31	116.996	9213.968	2.092566	8.422743	1.473465	5.586062	1.745295	0.342556	0.682119	0.390833	1898.953	11.21962	1913.952	15.03178	1931.006	28.77191	1931.006	28.77191	98.34006
071919BK-02-32	752.6449	22998.43	11.99982	13.78184	1.690238	0.761642	1.977048	0.076139	0.99032	0.500909	473.0338	4.516804	574.9566	8.67942	1002.303	34.72749	473.0338	4.516804	47.19467
071919BK-02-33	130.2769	2785.033	1.426184	14.47912	6.144788	0.887903	6.378437	0.09994	0.99594	0.156142	614.0563	5.833394	645.242	30.46915	756.8569	133.0481	614.0563	5.833394	81.13242
071919BK-02-34	1458.759	53289.47	100.3334	13.33451	0.707549	1.710986	1.161962	0.16466	0.892973	0.768504	982.6208	8.138516	1012.654	7.446443	1079.086	14.9199	1079.086	14.9199	91.0605
071919BK-02-35	231.3513	5380.181	4.638389	13.20921	2.951425	1.66941	3.477763	0.164326	0.69903	0.201	980.7754	6.359847	996.9614	22.08748	1033.598	68.84742	1033.598	68.84742	94.88943
071919BK-02-36	160.7637	4434.092	2.882545	15.17763	5.124852	0.886993	5.68448	0.101845	0.80676	0.141923	625.2129	4.807091	644.7527	27.13776	714.7074	119.6374	625.2129	4.807091	87.47815
071919BK-02-37	517.2145	20857.77	2.471284	10.07766	0.756243	3.315212	2.156242	0.241875	2.005111	0.92991	1396.439	25.17517	1484.639	16.82195	1613.813	14.77069	1613.813	14.77069	86.53041
071919BK-02-38	717.7682	18856.36	2.877599	16.12872	1.522529	0.835674	1.768796	0.098143	0.764028	0.431948	603.5151	4.401762	616.7558	8.176332	666.5834	34.14022	603.5151	4.401762	90.53857
071919BK-02-39	547.8699	17894.98	2.90872	11.54801	0.92867	2.540215	1.30093	0.212882	0.63126	0.485238	1244.154	7.142455	1283.635	9.478451	1351.153	21.94869	1351.153	21.94869	92.08094
071919BK-02-40	647.6125	6797.823	2.693435	16.61817	1.881931	0.695903	3.740387	0.086227	1.169839	0.312759	533.1828	5.986404	536.3411	15.58577	550.7573	77.58325	533.1828	5.986404	96.80904
071919BK-02-41	265.0388	13206.13	2.322089	13.10503	2.376422	2.009894	2.566029	0.192127	0.842045	0.328151	1132.887	8.748224	1118.855	17.40027	1092.557	48.55204	1092.557	48.55204	103.6914
071919BK-02-42	630.0982	23015.48	2.495084	16.58021	1.711482	0.843496	2.113832	0.101636	0.779459	0.368742	623.9867	4.635742	621.0732	9.820979	611.3917	42.45414	623.9867	4.635742	102.0601
071919BK-02-43	258.621	56730.11	2.463545	5.241557	0.732629	13.70077	1.081928	0.517014	0.7946	0.73443	2686.506	17.45745	2729.248	10.23877	2761.735	12.05652	2761.735	12.05652	97.27601
071919BK-02-44	301.7902	22991.51	2.575875	9.185528	0.914768	4.915786	1.224514	0.326494	0.758921	0.619773	1821.364	12.04162	1804.97	10.33211	1786.863	17.51187	1786.863	17.51187	101.9308
071919BK-02-45	406.6868	24725.72	1.982955	11.80764	1.092417	2.731736	1.39725	0.233528	0.780877	0.558867	1352.961	9.529956	1337.131	10.38597	1312.704	22.47758	1312.704	22.47758	103.0668
071919BK-02-46	777.5729	76112.47	3.04066	8.713919	0.76513	4.675714	1.186619	0.293461	0.903049	0.761026	1658.803	13.20771	1762.904	9.926192	1889.353	13.85361	1889.353	13.85361	87.7974
071919BK-02-47	1327.309	32949.83	12.85425	16.55917	1.270763	0.840333	1.597602	0.100804	0.755239	0.472733	619.1206	4.458325	619.3293	7.40732	621.0109	30.35408	619.1206	4.458325	99.69562
071919BK-02-48	672.5576	66221.34	3.698944	5.990037	0.754651	10.34835	1.094274	0.446281	0.791615	0.723416	2378.698	15.74667	2466.439	10.13231	2540.278	12.66547	2540.278	12.66547	93.6393
071919BK-02-49	578.3165	10511.03	2.160433	18.09391	2.808816	0.519368	3.336419	0.069323	1.007797	0.30206	432.077	4.211736	424.7289	11.58087	385.9962	71.46386	432.077	4.211736	111.9381
071919BK-02-50	284.3996	40334.54	1.88909	7.714749	0.891542	6.716778	1.170846	0.373591	0.753538	0.643584	2046.275	13.21183	2074.831	10.34832	2104.051	15.73083	2104.051	15.73083	97.25405
071919BK-02-51	294.0763	4777.886	0.902195	16.51098	4.353265	0.541103	4.734127	0.067647	0.860098	0.18168	421.9648	3.51308	439.1514	16.87944	531.2467	102.0409	421.9648	3.51308	79.42917
071919BK-02-52	189.6573	6162.656	3.719649	16.14894	4.143213	0.780695	4.989911	0.094243	0.999904	0.200385	580.584	5.55154	585.8801	22.21693	607.3765	105.7885	580.584	5.55154	95.58882
071919BK-02-53	620.8111	17748.89	1.932883	17.63991	2.169511	0.593462	2.574639	0.07639	0.793926	0.308364	474.5396	3.632167	473.0761	9.736678	466.9692	54.24859	474.5396	3.632167	101.6212
071919BK-02-54	183.7435	19281.21	2.142356	6.658615	0.860628	8.802924	1.180469	0.423399	0.779875	0.660648	2275.89	14.95432	2317.795	10.76396	2355.647	15.13768	2355.647	15.13768	96.61421
071919BK-02-55	1067.042	14593.52	17.31144	17.71798	1.46966	0.554282	2.388753	0.071897	0.577999	0.241967	447.5771	2.499226	447.7979	8.649931	449.8776	51.49847	447.5771	2.499226	99.48862
071919BK-02-56	512.8856	12853.27	2.735999	16.85862	2.039687	0.774398	2.531216	0.095708	0.564061	0.222842	589.2084	3.176135	582.2829	11.21734	556.3168	53.80575	589.2084	3.176135	105.9124
071919BK-02-57	649.9214	17289.23	3.841031	16.94309	1.319768	0.728344	1.755906	0.090026	0.510504	0.290735	555.6902	2.71799	555.5805	7.513551	556.1013	36.64772	555.6902	2.71799	99.92608
071919BK-02-58	168.8928	2532.889	1.947388	16.44677	3.789535	0.520068	4.380863	0.067943	1.190948	0.271852	423.7532	4.884387	425.1968	15.22016	433.979	93.94374	423.7532	4.884387	97.64373
071919BK-02-59	646.9777	19922.92	3.135601	9.207069	0.608479	4.121613	1.339683	0.27463	1.174211	0.876484	1564.261	16.30907	1658.597	10.94735	1780.99	11.76096	1780.99	11.76096	87.83101
071919BK-02-60	583.5976	18789.04	1.595086	16.67612	1.744139	0.778544	1.930937	0.094584	0.647788	0.335479	582.5918	3.608449	584.6527	8.582761	593.6284	39.44105	582.5918	3.608449	98.14082
071919BK-02-61	289.8256	19012.57	3.745662	13.7526	1.624324	1.738673	1.772734	0.173748	0.611743	0.345084	1032.731	5.837584	1022.972	11.42798	1003.015	33.77289	1003.015	33.77289	102.9627
071919BK-02-62	159.8921	3545.199	2.074495	12.91463	3.040369	1.760021	5.960722	0.172397	0.742788	0.124614	1025.305	7.041066	1030.856	38.61389	1043.51	119.4055	1043.51	119.4055	98.25546
071919BK-02-63	620.633	49149.27	4.973597	5.396887	0.640432	12.78625	0.919495	0.496914	0.657795	0.715388	2600.518	14.07646	2664.032	8.659378	2713.317	10.59632	2713.317	10.59632	95.84275
071919BK-02-64	813.1478	19988.68	2.268496	13.46679	0.747808	1.774574	1.00681	0.173523	0.660528	0.656061	1031.495	6.296164	1036.196	6.538545	1047.024	15.34136	1047.024	15.34136	98.51683
071919BK-02-65	772.2199	9641.042	3.18634	16.00061	1.500314	0.911165	1.744407	0.107423	0.695501	0.398703	657.7662	4.349114	657.677	8.444747	658.2896	34.30424	657.7662	4.349114	99.9205
071919BK-02-66	470.4754	27325.18	3.312491	7.971434	0.689474	6.237338	1.012729	0.358953	0.652758	0.644553	1977.207	11.11484	2009.7	8.862469	2044.013	13.68458	2044.013	13.68458	96.73162
071919BK-02-67	310.9844	9486.569	6.303093	13.34221	1.758298	1.57471	2.395697	0.154179	0.692072	0.288881	924.3484	5.959677	960.2853	14.87871	1044.377	46.27205	1044.377	46.27205	88.50716
071919BK-02-68	370.9551	5090.482	1.650945	16.51267	3.446449	0.699064	5.72441	0.087118	0.69454	0.12133	538.4696	3.58795	538.2315	23.91928	538.1879	124.4235	538.4696	3.58795	100.0523
071919BK-02-69	442.183	13212.94	3.131955	13.32765	0.92298	1.786737	1.499275	0.173742	1.09812	0.732434	1032.697	10.47855	1040.637	9.760884	1058.247	20.54976	1058.247	20.54976	97.58559
071919BK-02-70	1260.201	123638	5.77602	9.037518	0.858995	4.850574	1.320522	0.315566	1.002526	0.75919	1768.038	15.50216	1793.714	11.117	1824.475	15.59008	1824.475	15.59008	96.90666
071919BK-02-71	266.8374	19892.9	1.937958	9.321926	1.16133	4.430963	1.461972	0.298953	0.862802	0.590163	1686.113	12.80086	1718.146	12.11186	1758.187	21.58263	1758.187	21.58263	95.90064
071919BK-02-72	1117.373	47385.6	2.004462	9.035322	0.868377	4.561317	1.224033	0.29715	0.861409	0.703746	1677.162	12.72079	1742.23	10.19413	1822.016	15.77856	1822.016	15.77856	92.04982
071919BK-02-73	815.2413	10764.27	1.537713	18.25308	1.574083	0.499208	1.852621	0.067194	0.872791	0.471111	419.2271	3.542536	411.1664	6.263859	367.1202	36.82994	419.2271	3.542536	114.1934
071919BK-02-74	98.79161	6550.553	3.065663	9.970598	2.664892	3.86995	2.994727	0.283427	1.135412	0.379137	1608.599	16.16377	1607.436	24.16852	1606.709	51.67292	1606.709	51.67292	100.1176
071919BK-02-75	206.9214	4494.14	1.11548	15.60747	4.222303	0.657891	5.033543	0.077749	1.265488	0.251411	482.6726	5.885093	513.3231	20.28427	653.1915	104.5923	482.6726	5.885093	73.8945
071919BK-02-76	545.9544	12516.12	3.936601	17.28638	2.92578	0.489246	3.169818	0.062068	0.992557	0.313128	388.1883	3.739277	404.3963	10.57403	498.9918	66.33748	388.1883	3.739277	77.79454
071919BK-02-77	876.3841	24317.59	2.305043	15.55809	1.150483	1.012324	1.577021	0.114318	0.885711	0.561636	697.7772	5.857557	710.0474	8.055603	749.9431	27.56157	697.7772	5.857557	93.04401
071919BK-02-78	591.0473	20942.95	3.23557	13.62104	0.860329	1.724737	1.105092	0.170526	0.60878	0.550887	1015.011	5.717279	1017.791	7.102865	1024.639	18.65963	1024.639	18.65963	99.06034
071919BK-02-79	913.2717	65338.25	105.7618	8.421413	0.641014	5.641719	0.894583	0.342266	0.616319	0.688945	1897.563	10.13093	1922.497	7.71596	1950.255	11.5867	1950.255	11.5867	97.29816
071919BK-02-80	610.2426	13825.47	2.483516	17.68023	2.09228	0.52033	2.526324	0.067414	0.713496	0.282425	420.5596	2.904888	425.3716	8.779516	452.4773	53.82303	420.5596	2.904888	92.946
071919BK-02-81	257.3648	10941.79	0.878314	13.14351	2.175746	1.88866	2.414075	0.181617	0.701352	0.290526	1075.8	6.949175	1077.111	16.02781	1080.655	46.35015	1080.655	46.35015	99.5508
071919BK-02-82	194.9518	2617.587	2.916612	14.07668	4.978813	0.797934	5.918557	0.087547	1.709094	0.288769	541.0163	8.869106	595.6623	26.67711	810.532	118.6071	541.0163	8.869106	66.74829
071919BK-02-83	304.7315	9827.413	1.532217	13.02747	1.77439	1.911034	2.184627	0.182472	0.960427	0.43963	1080.463	9.554049	1084.945	14.56324	1094.848	39.26867	1094.848	39.26867	98.68606
071919BK-02-84	644.9776	43097.9	1.202139	10.65875	0.749891	3.485616	0.98079	0.268098	0.622647	0.634843	1531.142	8.485972	1523.964	7.738764	1514.815	14.2987	1514.815	14.2987	101.0778
071919BK-02-85	212.8974	2384.807	1.138566	16.35532	3.508785	0.686652	10.74681	0.089728	1.263529	0.117573	553.9298	6.706789	530.7869	44.45268	433.4378	238.3186	553.9298	6.706789	127.7991
071919BK-02-86	888.2237	21146.05	7.429505	16.895	1.840386	0.746905	2.006152	0.091813	0.648232	0.323122	566.2506	3.514024	566.4272	8.709648	568.1051	41.30887	566.2506	3.514024	99.67357
071919BK-02-87	1422.789	11371.93	1.099123	17.87398	1.670499	0.382602	2.706419	0.050334	0.690746	0.255225	316.5746	2.133901	328.9507	7.604716	418.4111	58.452	316.5746	2.133901	75.66114
071919BK-02-88	557.4802	11707.16	2.079271	16.60372	2.214889	0.858313	2.483166	0.104638	0.661557	0.266417	641.5313	4.039748	629.2014	11.64613	586.0984	51.94708	641.5313	4.039748	109.4579
071919BK-02-89	1136.125	17288.44	17.68932	18.99282	1.711294	0.428446	2.052561	0.059477	0.636064	0.309888	372.4414	2.301833	362.0725	6.251203	297.1531	44.51656	372.4414	2.301833	125.3366
071919BK-02-90	582.0951	71367.03	1.54346	5.77573	0.60717	11.22084	0.940282	0.466534	0.713308	0.758611	2468.346	14.62809	2541.649	8.766438	2601.393	10.20894	2601.393	10.20894	94.88555
071919BK-02-91	411.0983	26553.17	3.464228	7.564526	0.731845	6.953269	1.00442	0.379678	0.619169	0.616444	2074.781	10.98413	2105.481	8.916609	2136.362	13.83261	2136.362	13.83261	97.11745
071919BK-02-92	351.1451	15807.61	2.665744	13.5799	1.247478	1.758676	1.488324	0.173878	0.642402	0.431628	1033.444	6.134047	1030.361	9.634418	1024.684	27.18385	1024.684	27.18385	100.8549
071919BK-02-93	401.0828	14576.33	7.717285	16.84591	3.469267	0.738599	3.877185	0.091005	0.641887	0.165555	561.4773	3.451557	561.5874	16.72611	562.962	83.35135	561.4773	3.451557	99.73626
071919BK-02-94	322.1555	11903.75	2.190807	16.76785	3.935909	0.753463	4.409833	0.092752	0.909444	0.206231	571.7932	4.976185	570.2317	19.24285	564.9387	94.00421	571.7932	4.976185	101.2133
071919BK-02-95	788.1789	10522.97	13.47251	17.9327	2.503639	0.500645	2.946581	0.066211	0.68979	0.234098	413.2863	2.761344	412.1387	9.981918	406.6695	64.11672	413.2863	2.761344	101.6271
071919BK-02-96	1619.994	16638.66	6.107966	18.60039	1.810823	0.388334	2.071167	0.052809	0.641364	0.309663	331.7422	2.073855	333.1519	5.882493	343.9892	44.56736	331.7422	2.073855	96.43973
071919BK-02-97	99.48133	6737.396	1.752965	9.142709	2.900016	4.771993	3.235557	0.319649	0.731165	0.225978	1788.017	11.41693	1779.984	27.16793	1771.358	57.5604	1771.358	57.5604	100.9405
071919BK-02-98	604.5048	49150.68	2.205326	7.829968	0.660702	6.648452	0.905436	0.375156	0.607506	0.670955	2053.618	10.6839	2065.8	7.991778	2078.723	11.81856	2078.723	11.81856	98.79232
071919BK-02-99	260.3927	3141.676	1.334137	15.95204	6.341845	0.533487	10.14516	0.066074	0.734009	0.072351	412.4588	2.932663	434.1215	35.852	551.6836	221.3785	412.4588	2.932663	74.76365
071919BK-02-100	695.9819	94487.12	4.50644	4.823315	0.53147	15.97059	0.768576	0.554295	0.554763	0.721806	2843.013	12.75364	2875.039	7.344268	2898.246	8.62769	2898.246	8.62769	98.09426
071919BK-02-101	761.4426	20630.23	1.580339	16.24744	1.278145	0.919264	1.448564	0.108647	0.586674	0.405004	664.8839	3.706286	661.9705	7.044987	652.9864	28.42455	664.8839	3.706286	101.822
071919BK-02-102	1461.406	81493.8	11.02789	11.68839	0.61915	2.618965	0.859196	0.220585	0.584118	0.679843	1284.965	6.804978	1305.974	6.313539	1341.471	12.17358	1341.471	12.17358	95.78776
071919BK-02-103	1119.943	6339.132	1.736503	17.59214	1.759056	0.460676	3.219138	0.060741	0.799033	0.248213	380.1327	2.949565	384.7283	10.30923	413.4183	69.74386	380.1327	2.949565	91.94869
071919BK-02-104	608.5853	45695.58	2.615442	8.180484	0.603334	6.370665	0.853859	0.375678	0.587738	0.688331	2056.061	10.34668	2028.236	7.4938	2000.797	11.00098	2000.797	11.00098	102.7621
071919BK-02-105	189.5075	2151.474	0.953964	15.11613	7.899943	0.466909	10.77862	0.056516	2.245553	0.208334	354.4035	7.743515	389.0518	34.84921	601.5429	228.7724	354.4035	7.743515	58.91575
071919BK-02-106	604.4235	8931.87	2.732218	18.35939	3.16799	0.489297	3.678363	0.066604	0.672457	0.182814	415.6619	2.70694	404.4313	12.27148	341.7747	81.86686	415.6619	2.70694	121.6187
071919BK-02-107	1144.825	35285.48	3.13819	7.535353	0.62395	5.877794	1.102432	0.31942	0.892263	0.809359	1786.894	13.92485	1957.961	9.566644	2144.735	11.31344	2144.735	11.31344	83.31536
071919BK-02-108	378.7007	25823.05	1.884543	10.29118	1.10516	3.695231	1.307248	0.274991	0.676185	0.517258	1566.088	9.401471	1570.338	10.44691	1576.85	20.93921	1576.85	20.93921	99.31751
071919BK-02-109	546.1418	8766.146	2.53247	17.24517	3.180617	0.46181	4.554849	0.058962	1.505946	0.330625	369.308	5.405271	385.5161	14.61189	484.9812	94.96252	369.308	5.405271	76.14894
071919BK-02-110	373.0448	8216.305	3.096666	17.19259	3.554331	0.579312	4.341352	0.073876	0.757338	0.174447	459.4625	3.358572	464.0194	16.17098	487.589	94.37445	459.4625	3.358572	94.2315
071919BK-02-111	562.0171	7250.376	3.225453	18.07014	2.511439	0.500504	3.290767	0.067499	0.68656	0.208632	421.0685	2.798495	412.0435	11.14589	362.756	72.60077	421.0685	2.798495	116.0749
071919BK-02-112	254.5588	19441.55	1.387713	9.501267	1.001867	4.359061	1.259903	0.299847	0.650306	0.516156	1690.549	9.670386	1704.614	10.40606	1722.728	19.82063	1722.728	19.82063	98.13207
071919BK-02-113	103.0726	3680.293	2.785206	12.99094	3.758992	1.893959	5.027212	0.186298	0.728389	0.144889	1101.29	7.373883	1078.972	33.41889	1035.023	100.5562	1035.023	100.5562	106.4025
071919BK-02-114	338.4669	8270.315	1.73063	16.06014	3.644771	0.814046	3.903422	0.096737	0.747243	0.191433	595.2582	4.248837	604.7211	17.78773	641.305	82.38904	595.2582	4.248837	92.81983
071919BK-02-115	674.2524	15642.29	1.254338	17.20417	1.881719	0.689837	2.065346	0.086735	0.778027	0.376705	536.199	4.002985	532.7024	8.561199	518.6885	42.00875	536.199	4.002985	103.3759
071919BK-02-116	179.0124	9390.99	1.053278	8.46666	0.90227	5.255504	1.344002	0.32392	0.860425	0.640196	1808.843	13.57087	1861.666	11.46569	1921.944	18.51005	1921.944	18.51005	94.1153
071919BK-02-117	1427.351	11731.33	1.609104	18.17649	2.090983	0.322301	2.778238	0.043106	0.959014	0.345188	272.0568	2.554774	283.6708	6.876017	381.4797	58.60038	272.0568	2.554774	71.31619
071919BK-02-118	2352.827	156237.5	10.80839	8.055482	0.636233	5.344254	0.945598	0.30981	0.698647	0.738842	1739.77	10.65278	1875.97	8.088201	2031.105	11.27817	2031.105	11.27817	85.65633
071919BK-02-119	150.6766	1545.174	1.445705	12.25445	13.78867	0.563894	14.9507	0.056036	2.889899	0.193295	351.4753	9.885355	454.0581	54.79022	1014.368	298.7618	351.4753	9.885355	34.6497
071919BK-02-120	297.6485	25710.69	6.949314	8.006425	0.717685	6.426226	1.030534	0.371542	0.730708	0.709058	2036.653	12.76032	2035.861	9.055064	2035.815	12.85501	2035.815	12.85501	100.0412
071919BK-02-121	266.6462	11115.58	1.782139	15.19137	3.595892	1.204738	3.811285	0.134256	0.724998	0.190224	812.0972	5.531931	802.7705	21.14948	777.8727	78.7033	812.0972	5.531931	104.3998
071919BK-02-122	108.6185	878.1387	0.9779	9.990413	9.624125	0.578948	13.41632	0.049515	3.85976	0.287691	311.5414	11.73882	463.7852	49.99031	1311.835	250.2903	311.5414	11.73882	23.74853
071919BK-02-123	318.0173	24291.89	1.656791	9.024974	1.074483	4.984583	1.298574	0.325149	0.678234	0.522291	1814.824	10.72791	1816.71	10.98269	1819.645	20.09921	1819.645	20.09921	99.73506
071919BK-02-124	1799.544	49658.75	8.394471	12.91544	0.69674	1.945762	1.04628	0.181392	0.774393	0.74014	1074.577	7.664877	1096.987	7.017411	1142.591	13.9674	1142.591	13.9674	94.04742
071919BK-02-125	338.2454	4033.979	6.669628	17.21094	4.004409	0.519579	5.196106	0.068578	0.790381	0.15211	427.5803	3.269872	424.87	18.04188	411.1435	114.923	427.5803	3.269872	103.9978
071919BK-02-126	1375.402	27306.22	4.861621	18.48518	1.426478	0.440457	1.72367	0.059137	0.72133	0.418485	370.3772	2.59634	370.5748	5.351698	372.7695	35.24622	370.3772	2.59634	99.35823
071919BK-02-127	238.2279	11711.86	4.163706	13.92489	3.344208	1.483706	3.489616	0.151145	0.855146	0.245054	907.3797	7.238068	923.7466	21.16987	963.9377	69.10268	963.9377	69.10268	94.1326
071919BK-02-128	797.5555	65598.87	2.976951	10.30928	0.78257	3.047352	1.022751	0.226419	0.647744	0.633336	1315.704	7.708968	1419.569	7.819156	1579.811	14.80706	1579.811	14.80706	83.28235

071919BK-02-129	106.9241	2697.526	1.183845	13.98227	5.969777	0.833396	7.760631	0.090544	1.721156	0.22178	558.7565	9.21207	615.4949	35.83459	831.048	157.9953	558.7565	9.21207	67.23516
071919BK-02-130	428.9484	47175.43	1.533896	7.59986	0.74203	7.235358	1.046058	0.396279	0.729996	0.697855	2151.883	13.35575	2140.871	9.332012	2131.067	13.11404	2131.067	13.11404	100.9768
071919BK-02-131	618.852	29390.85	3.479167	13.33186	0.917245	1.90609	1.213795	0.183933	0.773182	0.636996	1088.425	7.743417	1083.219	8.083859	1073.657	18.77354	1073.657	18.77354	101.3754
071919BK-02-132	1052.334	49961.68	2.238788	9.07022	0.748096	4.890533	1.087105	0.319787	0.777675	0.715363	1788.69	12.14714	1800.626	9.164631	1815.252	13.79382	1815.252	13.79382	98.53673
071919BK-02-133	161.2697	3891.135	0.704177	15.0917	4.561216	0.846473	6.153264	0.097316	1.371283	0.222855	598.662	7.839697	622.7113	28.64975	712.0201	127.6001	598.662	7.839697	84.07937
071919BK-02-134	532.3745	28073.24	3.093086	11.06049	1.058335	2.809113	1.62827	0.224674	1.129331	0.693577	1306.524	13.35588	1357.97	12.19334	1440.719	22.35629	1440.719	22.35629	90.68555
071919BK-02-135	511.198	7324.407	0.656331	17.47401	3.912728	0.499272	4.157072	0.065001	0.800714	0.192615	405.967	3.150393	411.2096	14.05731	441.6917	90.76993	405.967	3.150393	91.91185
071919BK-02-136	278.1242	13561.71	1.675751	11.18587	1.401956	2.924498	1.629491	0.237994	0.752346	0.461706	1376.262	9.323613	1388.271	12.33021	1407.591	27.67322	1407.591	27.67322	97.77426
071919BK-02-137	133.7705	4968.737	1.131337	14.47813	5.05938	0.893734	5.755553	0.097121	1.563141	0.271588	597.5134	8.920194	648.3733	27.58755	830.6003	115.5997	597.5134	8.920194	71.93754
071919BK-02-138	250.791	16750.75	3.04165	9.320518	0.944278	4.495853	1.223235	0.30365	0.759128	0.62059	1709.382	11.39844	1730.206	10.16088	1756.263	17.54557	1756.263	17.54557	97.33065
071919BK-02-139	329.1477	33252.88	2.610934	7.255281	0.79358	7.500796	1.10635	0.392477	0.760002	0.686945	2134.308	13.80893	2173.082	9.912521	2210.641	13.94984	2210.641	13.94984	96.54701
071919BK-02-140	932.7714	26597.7	9.544704	17.60296	1.980266	0.623513	2.157966	0.079699	0.714299	0.331006	494.3241	3.398969	492.0466	8.415385	482.4428	45.00322	494.3241	3.398969	102.4627
071919BK-02-141	249.5553	22682.1	3.028455	7.725189	0.964579	6.316529	1.327112	0.352504	0.864278	0.651247	1946.545	14.52104	2020.75	11.63402	2098.186	17.69072	2098.186	17.69072	92.77274
071919BK-02-142	453.833	10714.81	1.437337	16.43352	2.607667	0.84624	3.043603	0.102282	0.758138	0.249092	627.768	4.534955	622.5833	14.16614	604.7065	63.79313	627.768	4.534955	103.8137
071919BK-02-143	911.1297	18476.19	1.333471	16.59253	1.985927	0.780553	2.191426	0.094367	0.719808	0.328466	581.3129	4.001219	585.7989	9.754781	604.144	44.78997	581.3129	4.001219	96.22092
071919BK-02-144	533.694	21603.68	4.315145	8.079492	0.77788	5.71634	1.062232	0.333802	0.711918	0.67021	1856.785	11.48541	1933.841	9.180078	2018.201	13.97671	2018.201	13.97671	92.00198
071919BK-02-145	272.3577	14862.84	2.75797	11.60887	1.631206	2.622163	2.055362	0.221334	1.042397	0.50716	1288.919	12.17769	1306.871	15.10922	1337.281	34.24903	1337.281	34.24903	96.38355
071919BK-02-146	1018.109	53666.29	8.495475	11.54057	0.719264	2.706943	1.038324	0.225337	0.734819	0.707698	1310.015	8.711168	1330.362	7.699001	1364.09	14.12943	1364.09	14.12943	96.03583
071919BK-02-147	1141.887	21324.05	2.340506	18.81009	2.085593	0.41582	2.263531	0.056984	0.735782	0.32506	357.2598	2.557142	353.0577	6.750253	326.483	48.57208	357.2598	2.557142	109.4268
071919BK-02-148	651.5152	8429.357	7.12082	18.52659	2.219445	0.470837	3.333418	0.064815	0.777225	0.233161	404.8443	3.049782	391.7667	10.83533	316.242	73.70776	404.8443	3.049782	128.0172
071919BK-02-149	494.2501	21236.87	5.401701	13.35657	1.116411	1.500297	1.533341	0.145409	0.890175	0.580546	875.1763	7.284915	930.5066	9.342571	1064.876	25.11311	1064.876	25.11311	82.18572
071919BK-02-150	1855.567	7140.663	1.809707	16.49817	1.105915	0.555162	2.083175	0.068153	1.610909	0.773295	425.0204	6.625868	448.3724	7.551056	570.9387	28.74058	425.0204	6.625868	74.44239
071919BK-02-151	1659.728	38889.02	12.7706	18.09542	1.029832	0.49333	1.224996	0.064637	0.64328	0.525129	403.7639	2.517665	407.1773	4.109118	427.531	23.24638	403.7639	2.517665	94.44083
071919BK-02-152	388.1845	8012.086	2.314124	17.41269	3.295189	0.532238	4.665745	0.068827	0.802192	0.171932	429.0876	3.330048	433.2938	16.45768	456.6925	102.0138	429.0876	3.330048	93.95547
071919BK-02-153	527.5368	7871.121	1.223215	17.11053	3.041412	0.568899	3.524532	0.072289	0.687095	0.194946	449.9319	2.986041	457.3019	12.97762	495.4697	76.21517	449.9319	2.986041	90.80916
071919BK-02-154	1571.242	24859.11	4.519507	18.43069	1.573209	0.399997	1.902087	0.053598	0.788565	0.414579	336.5722	2.585994	341.6462	5.518162	377.2699	38.94127	336.5722	2.585994	89.21257
071919BK-02-155	248.6877	3845.843	1.290695	16.06935	5.40688	0.547913	8.410771	0.067407	1.054329	0.125355	420.5135	4.292083	443.6285	30.23842	566.3323	181.9765	420.5135	4.292083	74.25208
071919BK-02-156	174.415	3263.145	2.834151	15.11148	8.311514	0.657627	9.384932	0.076594	1.036384	0.110431	475.7579	4.753129	513.1617	37.8229	684.3802	199.5365	475.7579	4.753129	69.51661
071919BK-02-157	128.3892	9949.456	2.221615	11.25322	3.233197	2.862001	3.398685	0.235333	0.71212	0.209528	1362.387	8.745207	1371.971	25.57939	1387.74	63.81477	1387.74	63.81477	98.17307
071919BK-02-158	288.4823	15887.56	2.971811	10.63013	1.274673	3.442649	1.743206	0.265641	0.748659	0.429472	1518.639	10.12949	1514.191	13.7169	1508.782	29.73112	1508.782	29.73112	100.6534
071919BK-02-159	414.1371	5910.5	2.431373	16.43123	3.31461	0.486229	3.484797	0.059872	0.841686	0.241531	374.8481	3.065065	402.3372	11.5766	564.3236	73.69614	374.8481	3.065065	66.42432
071919BK-02-160	806.9058	21911.76	2.654832	6.864442	0.571718	6.876149	1.10761	0.34083	0.903125	0.815382	1890.661	14.79895	2095.587	9.818872	2304.098	11.01204	2304.098	11.01204	82.05644
071919BK-02-161	1531.074	24448.74	1.62059	16.19439	1.34967	0.709406	1.560975	0.083417	0.550326	0.352553	516.4892	2.731492	544.3932	6.577811	663.9444	31.29334	516.4892	2.731492	77.79103
071919BK-02-162	151.3669	4511.987	2.181946	15.09054	4.990932	0.820924	6.680362	0.093605	0.902109	0.135039	576.8222	4.977553	608.5637	30.5895	729.5199	140.4082	576.8222	4.977553	79.06873
071919BK-02-163	136.8228	7362.581	2.295745	10.65546	1.646436	3.291923	1.922204	0.257428	0.793161	0.412631	1476.671	10.46774	1479.144	14.97127	1483.501	33.18173	1483.501	33.18173	99.53961
071919BK-02-164	758.8768	14417.59	10.55646	17.67534	1.96231	0.601155	2.33047	0.077803	0.626418	0.268795	482.9959	2.915008	477.9666	8.884598	454.8931	49.82216	482.9959	2.915008	106.1779
071919BK-02-165	271.3879	18151.4	3.112413	6.838442	0.675454	7.764294	0.929436	0.383703	0.601327	0.64698	2093.558	10.74932	2204.078	8.360731	2309.236	12.16464	2309.236	12.16464	90.66018
071919BK-02-166	254.397	27158.77	1.741677	8.133339	0.729013	6.200311	1.063915	0.36411	0.728768	0.684987	2001.625	12.53981	2004.492	9.302743	2008.204	13.75581	2008.204	13.75581	99.67239
071919BK-02-167	358.6673	33175.38	2.0619	8.148863	0.681668	6.161953	0.942914	0.362288	0.598175	0.63439	1993.01	10.25492	1999.069	8.23756	2006.092	12.9383	2006.092	12.9383	99.34789
071919BK-02-168	192.4451	14311.73	1.73066	9.279753	1.121798	4.642967	1.486263	0.312606	0.624499	0.420181	1753.518	9.587673	1757.029	12.41753	1761.987	24.65257	1761.987	24.65257	99.51936
071919BK-02-169	602.921	59194.47	5.205797	6.010846	0.610048	10.35628	0.879295	0.448237	0.625204	0.711029	2387.411	12.47409	2467.148	8.142192	2534.228	10.37384	2534.228	10.37384	94.20663
071919BK-02-170	265.3519	13351.21	0.914991	8.520832	1.118463	4.715485	1.483038	0.291458	0.871788	0.587839	1648.812	12.68311	1769.995	12.42445	1916.877	21.52227	1916.877	21.52227	86.01554
071919BK-02-171	615.2569	16327.21	3.761055	16.58636	2.183262	0.819148	2.46716	0.099168	0.611799	0.247977	609.5299	3.558224	607.5731	11.28079	601.2033	51.72929	609.5299	3.558224	101.385
071919BK-02-172	641.1964	16378.65	1.300127	16.06778	1.784877	0.861509	2.35776	0.10098	0.66171	0.280652	620.1489	3.912383	630.9463	11.08004	670.7848	48.42781	620.1489	3.912383	92.45124
071919BK-02-173	521.4329	12258.8	1.576188	16.47973	2.361909	0.764167	2.510545	0.092363	0.688035	0.274058	569.4975	3.75025	576.4114	11.04241	604.6839	52.24491	569.4975	3.75025	94.18102
071919BK-02-174	464.358	22871.06	178.1621	16.14279	2.266034	0.847747	2.493707	0.09943	0.637126	0.255494	611.0658	3.714433	623.4119	11.61765	669.3943	51.60771	611.0658	3.714433	91.28638
071919BK-02-175	107.5993	18261.03	2.599473	5.742713	0.646929	12.47848	1.002283	0.517324	0.673385	0.671851	2687.821	14.80016	2641.107	9.422228	2606.217	12.36596	2606.217	12.36596	103.1311
071919BK-02-176	1923.708	4623.478	1.652743	16.18786	1.035991	0.625832	1.441842	0.076755	0.914774	0.634448	476.7254	4.203611	493.4961	5.635521	573.0168	24.22811	476.7254	4.203611	83.19571
071919BK-02-177	689.1892	19601.09	1.765848	17.73481	1.949121	0.512281	2.126562	0.066209	0.652297	0.306738	413.2738	2.611179	419.9818	7.31461	457.9441	44.90916	413.2738	2.611179	90.24547
071919BK-02-178	1848.383	13840.01	2.39093	16.43717	8.545375	0.741925	12.08155	0.089236	8.506545	0.704094	551.0173	44.92589	563.5281	52.29579	615.2814	185.5812	551.0173	44.92589	89.55534
071919BK-02-179	284.6092	8391.66	3.777395	11.53513	8.591069	2.50938	12.11805	0.212255	8.511731	0.702401	1240.822	96.07995	1274.752	88.20414	1333.254	167.1309	1333.254	167.1309	93.06719
071919BK-02-180	660.1707	8560.523	1.582844	17.87554	8.794468	0.549521	12.53498	0.072862	8.500045	0.678106	453.3726	37.21337	444.6826	45.16754	400.9203	206.7747	453.3726	37.21337	113.083
071919BK-02-181	291.0364	38841.1	3.69455	5.159857	8.514463	14.02073	12.03284	0.52109	8.501827	0.706552	2703.801	187.8067	2751.111	114.5286	2786.71	139.7591	2786.71	139.7591	97.02482
071919BK-02-182	844.4458	6967.764	1.288779	18.23107	9.924854	0.269184	13.16789	0.036698	8.512246	0.64644	232.3337	19.42474	242.0414	28.36509	338.265	228.0854	232.3337	19.42474	68.68394
071919BK-02-183	636.7573	30278.02	2.832763	10.97871	8.526884	3.04095	12.04235	0.24131	8.494588	0.705393	1393.504	106.4621	1417.962	92.26991	1455.701	162.6462	1455.701	162.6462	95.72732
071919BK-02-184	128.1668	5740.581	1.235575	9.805343	8.627742	3.954546	12.23181	0.285557	8.503671	0.69521	1619.289	121.7805	1624.923	99.44865	1633.018	163.6801	1633.018	163.6801	99.15927
071919BK-02-185	170.8837	21994.26	2.118734	7.324105	8.550441	7.488539	12.05668	0.396149	8.497978	0.704836	2151.283	155.4694	2171.617	108.4096	2191.628	148.9729	2191.628	148.9729	98.15912
071919BK-02-186	1268.389	27242.78	8.744367	17.20471	1.85336	0.601886	2.156523	0.075159	0.979535	0.45422	467.1639	4.414159	478.4297	8.227653	533.7609	42.04649	467.1639	4.414159	87.52307
071919BK-02-187	371.3922	27419.58	2.500902	9.201328	1.113257	4.52682	1.538459	0.300917	0.998629	0.64911	1695.856	14.89089	1735.912	12.79548	1785.302	21.33108	1785.302	21.33108	94.98986
071919BK-02-188	435.0188	7853.266	1.326711	16.44678	2.917869	0.756269	3.33028	0.09225	1.091763	0.327829	568.8293	5.94416	571.8556	14.56216	584.8688	68.32718	568.8293	5.94416	97.25758
071919BK-02-189	1440.273	1350.102	3.035128	15.69651	1.816653	0.2366	6.755007	0.032187	5.568326	0.824326	204.2221	11.19352	215.6326	13.12398	343.1267	86.56238	204.2221	11.19352	59.51799
071919BK-02-190	1298.316	11963.86	2.844627	18.17982	3.069472	0.334538	3.559718	0.044731	1.193473	0.335272	282.0905	3.294075	293.0245	9.060905	382.0746	75.3949	282.0905	3.294075	73.83125
071919BK-02-191	235.1226	22047.18	2.562301	6.620354	0.993713	8.692774	1.442742	0.415458	1.015181	0.703647	2239.828	19.20849	2306.321	13.13872	2366.473	17.49217	2366.473	17.49217	94.64839
071919BK-02-192	1807.42	37670.06	8.133179	18.35376	1.326699	0.427525	1.684689	0.056834	0.963656	0.572008	356.3403	3.340711	361.4178	5.123082	395.0908	30.99015	356.3403	3.340711	90.192
071919BK-02-193	1144.586	9434.298	3.040002	8.618795	0.593556	4.433783	0.894703	0.278248	0.660821	0.738592	1582.532	9.272977	1718.674	7.412912	1889.542	10.85429	1889.542	10.85429	83.75217
071919BK-02-194	404.9364	11857.88	1.453972	16.26913	3.545852	0.845313	3.797109	0.100904	0.881012	0.232022	619.7065	5.205477	622.0736	17.66341	631.6525	79.5732	619.7065	5.205477	98.10877
071919BK-02-195	463.7498	25209.55	3.087984	12.62035	0.914754	2.08388	1.283276	0.190478	0.613507	0.478079	1123.966	6.327941	1143.513	8.805136	1181.661	22.27918	1181.661	22.27918	95.11753
071919BK-02-196	539.4729	28817.93	7.09296	8.611825	0.608374	5.16423	0.941473	0.321121	0.693654	0.736776	1795.2	10.86895	1846.741	8.00891	1906.076	11.43479	1906.076	11.43479	94.18301
071919BK-02-197	691.6963	25020.35	1.911492	16.35998	1.554959	0.853025	1.735964	0.101319	0.64535	0.371753	622.1329	3.827281	626.3082	8.114476	642.374	34.65921	622.1329	3.827281	96.84902
071919BK-02-198	1753.78	20327.19	5.191734	18.52681	1.623579	0.357195	1.769868	0.048234	0.589444	0.333044	303.6689	1.748452	310.1187	4.729742	359.8609	37.63756	303.6689	1.748452	84.38507
071919BK-02-199	128.4088	16366.4	0.835189	5.494013	1.016935	12.93711	1.250882	0.513227	0.623717	0.498622	2670.393	13.63678	2675.082	11.79045	2679.338	17.93717	2679.338	17.93717	99.66613
071919BK-02-200	158.0702	5730.056	1.250112	14.94955	6.317703	0.911475	6.898685	0.101817	1.092722	0.158396	625.0476	6.509359	657.8416	33.41405	772.8604	143.498	625.0476	6.509359	80.87458
071919BK-02-201	622.9147	25518.91	3.532288	12.50629	1.044438	2.212637	1.226217	0.200388	0.60797	0.495809	1177.404	6.542604	1185.045	8.575436	1199.876	20.99139	1199.876	20.99139	98.12717
071919BK-02-202	1657.163	54690.47	3.31986	16.80867	0.80873	0.732684	1.096398	0.088962	0.706734	0.644596	549.3981	3.72193	558.1274	4.70759	594.8415	18.14308	549.3981	3.72193	92.36042
071919BK-02-203	314.366	7963.879	1.386042	15.47228	3.330906	0.877432	3.687911	0.100446	0.746206	0.202338	617.0211	4.390764	639.5948	17.5026	721.0701	76.64699	617.0211	4.390764	85.57019
071919BK-02-204	413.8925	6358.361	5.059403	18.15291	3.060655	0.491995	3.945845	0.067026	0.904477	0.229223	418.211	3.662536	406.2691	13.21258	339.945	86.99006	418.211	3.662536	123.0231
071919BK-02-205	317.3816	8004.728	2.145135	16.37315	3.241764	0.738118	4.390871	0.089566	0.816209	0.185888	552.972	4.325245	561.3066	18.93553	596.1883	93.51873	552.972	4.325245	92.75124
071919BK-02-206	166.6615	3711.788	2.875292	15.37196	4.340072	0.841251	4.759835	0.09892	0.912806	0.191773	608.0774	5.29682	619.8359	22.08528	663.9619	100.121	608.0774	5.29682	91.58318
071919BK-02-207	236.8466	7189.06	2.303089	15.36835	3.594012	1.085721	4.745203	0.123811	0.768345	0.16192	752.4594	5.456814	746.4229	25.08621	729.3069	99.281	752.4594	5.456814	103.1746
071919BK-02-208	430.1621	10875.75	4.095874	16.92963	6.855227	0.756356	10.29801	0.094215	7.523091	0.730539	580.4167	41.7578	571.9058	45.05903	539.1501	153.9961	580.4167	41.7578	107.654
071919BK-02-209	425.9331	10932.83	1.049395	16.44685	7.008656	0.813619	10.49932	0.098376	7.514396	0.715703	604.8867	43.38687	604.4822	47.86165	603.8876	158.8505	604.8867	43.38687	100.1654
071919BK-02-210	227.7716	10339.37	1.500652	12.86835	6.831082	2.017936	10.27644	0.190098	7.508924	0.730693	1121.906	77.32351	1121.565	69.88031	1121.753	140.0644	1121.753	140.0644	100.0136
071919BK-02-211	421.869	12589.92	2.711806	13.59793	6.550574	1.638028	9.996384	0.162685	7.511132	0.751385	971.6786	67.75231	984.9538	63.10641	1015.519	133.7624	1015.519	133.7624	95.68294
071919BK-02-212	602.9578	45699.85	2.172488	8.19857	6.449768	5.596888	9.90022	0.330784	7.51015	0.758584	1842.178	120.3521	1915.62	85.48831	1996.846	114.756	1996.846	114.756	92.25439
071919BK-02-213	412.1383	10164.29	1.588545	15.81096	2.342496	0.931248	2.920844	0.10832	0.855594	0.292927	662.984	5.390506	668.2908	14.30192	687.1513	59.60721	662.984	5.390506	96.48297
071919BK-02-214	261.698	11008.03	2.884047	14.64214	3.636784	1.072697	3.904765	0.115151	0.724832	0.185628	702.5954	4.82493	740.0628	20.52227	856.0525	79.71301	702.5954	4.82493	82.07387
071919BK-02-215	195.0431	24626.46	1.380259	2.929066	0.543505	33.96935	0.819147	0.716321	0.612603	0.747855	3482.244	16.48192	3609.151	8.079799	3681.011	8.301009	3681.011	8.301009	94.60021
071919BK-02-216	186.0361	2751.008	3.140723	15.17933	3.910344	0.543091	7.187241	0.064432	1.443333	0.200819	402.5255	5.632117	440.4605	25.6901	644.827	151.4725	402.5255	5.632117	62.4238
071919BK-02-217	1470.455	19920.06	2.060826	19.00307	1.349778	0.39013	1.705724	0.05407	0.600308	0.351937	339.4636	1.985102	334.4641	4.860664	300.8542	36.41234	339.4636	1.985102	112.8333
071919BK-02-218	190.2985	27437.51	0.786172	5.68993	0.674629	11.56004	0.920813	0.474233	0.623909	0.677563	2502.098	12.93795	2569.448	8.605576	2623.73	11.26434	2623.73	11.26434	95.36418
071919BK-02-219	415.3718	16412.49	2.522789	9.362343	0.776535	4.636233	1.355672	0.314596	0.962922	0.710292	1763.284	14.85495	1755.817	11.32345	1747.72	17.47424	1747.72	17.47424	100.8906
071919BK-02-220	669.1478	10305.35	2.299743	16.59504	1.909123	0.80291	2.788047	0.098112	0.692606	0.24842	603.3351	3.989145	598.4688	12.60797	581.0208	58.68776	603.3351	3.989145	103.8405
071919BK-02-221	730.3671	11738.58	7.729352	11.78413	0.963123	2.317823	1.596745	0.199234	1.060541	0.66419	1171.204	11.35811	1217.758	11.32689	1302.048	23.19077	1302.048	23.19077	89.95097
071919BK-02-222	265.4248	3978.329	2.005145	15.26463	3.749165	1.033925	5.493765	0.120156	1.068741	0.194537	731.4591	7.390202	720.8888	28.36397	689.0722	115.0364	731.4591	7.390202	106.1513
071919BK-02-223	71.47392	3295.551	2.368395	12.58043	7.253544	2.029625	7.778794	0.194141	1.084365	0.1394	1143.77	11.36465	1125.49	52.96179	1091.235	154.5094	1091.235	154.5094	104.8142
071919BK-02-224	612.354	8543.544	8.704726	10.6581	1.796571	1.195887	2.30187	0.09328	0.818982	0.35579	574.905	4.50452	798.686	12.72957	1488.339	40.74177	1488.339	40.74177	38.6273
071919BK-02-225	515.4873	3354.285	2.00624	16.51761	3.327244	0.535958	4.64455	0.06858	2.01103	0.432987	427.5977	8.320131	435.7563	16.45748	480.0427	92.54473	427.5977	8.320131	89.07493
071919BK-02-226	837.8078	9188.659	1.918958	17.9997	2.101493	0.522803	2.289643	0.069666	0.684924	0.29914	434.1429	2.875632	427.0224	7.981805	389.726	49.02454	434.1429	2.875632	111.397
071919BK-02-227	161.7728	923.9838	1.414068	13.7745	8.416719	0.589686	11.22655	0.074582	2.160037	0.192404	463.7026	9.664399	470.6673	42.30944	505.7503	243.0242	463.7026	9.664399	91.68607
071919BK-02-228	868.4342	6192.295	1.293985	16.11676	1.689196	0.798731	2.176956	0.096202	0.707888	0.325173	592.1122	4.004756	596.1126	9.815841	612.2846	44.48423	592.1122	4.004756	96.70539
071919BK-02-229	682.2383	20234.01	7.217812	16.35134	1.659425	0.923172	1.843058	0.10984	0.685753	0.372073	671.8182	4.375076	664.0358	8.98348	638.6596	36.82089	671.8182	4.375076	105.1919
071919BK-02-230	877.4825	8751.836	2.205771	18.79105	2.458849	0.331359	2.691272	0.046233	0.786777	0.292344	291.3536	2.241273	290.603	6.801392	285.589	58.83808	291.3536	2.241273	102.0185
071919BK-02-231	140.0415	3845.468	1.803916	14.58854	6.567283	0.951702	7.338332	0.105611	1.11226	0.151569	647.2108	6.8491	678.9885	36.34965	786.727	152.4709	647.2108	6.8491	82.26625
071919BK-02-232	1223.724	39346	7.395129	13.58144	0.832116	1.531785	1.196693	0.150349	0.856595	0.715801	902.9191	7.217129	943.2143	7.35176	1039.374	16.88914	1039.374	16.88914	86.87143
071919BK-02-233	386.891	7784.517	1.424673	16.58584	2.728249	0.797578	2.949703	0.098166	0.739846	0.25082	603.653	4.263372	595.4612	13.2898	565.3052	62.19626	603.653	4.263372	106.7835
071919BK-02-234	433.2045	47130.45	2.165178	7.754722	0.686878	6.873123	0.98355	0.384131	0.700687	0.712407	2095.554	12.53561	2095.197	8.718543	2095.596	12.12933	2095.596	12.12933	99.99799
071919BK-02-235	839.8801	28205.31	1.916183	11.02943	0.693254	2.943462	0.923105	0.234747	0.536248	0.580918	1359.333	6.572142	1393.166	6.996304	1446.163	14.30994	1446.163	14.30994	93.99581
071919BK-02-236	108.2338	2177.572	1.773954	14.28529	6.456468	0.924119	8.443593	0.104852	1.473442	0.174504	642.7837	9.014173	664.5361	41.19946	739.9407	176.1763	642.7837	9.014173	86.86962
071919BK-02-237	577.9526	16653.57	3.089237	16.60428	2.328214	0.772998	2.612666	0.093656	0.709894	0.271712	577.1243	3.918928	581.4816	11.56653	599.4578	54.44776	577.1243	3.918928	96.27437
071919BK-02-238	907.7706	10980.6	22.83274	13.64541	0.972724	1.465508	1.725023	0.146405	1.264215	0.732868	880.7797	10.40776	916.2795	10.4117	1003.647	23.82307	1003.647	23.82307	87.75795

071919BK-02-239	880.9492	14826.15	19.60885	17.48938	1.93385	0.545176	2.325821	0.069767	0.586297	0.252082	434.7525	2.464888	441.8313	8.332482	479.8144	49.76237	434.7525	2.464888	90.60847
071919BK-02-240	567.5722	14795.43	9.829108	12.81648	1.053392	1.8652	1.815073	0.17405	0.903564	0.497811	1034.387	8.635046	1068.831	11.99816	1140.658	31.32374	1140.658	31.32374	90.68333
071919BK-02-241	152.2149	5717.072	1.011335	13.66302	5.269553	1.550962	5.617895	0.157777	1.348939	0.240115	944.4089	11.85028	950.8765	34.69523	966.759	111.4139	966.759	111.4139	97.68814
071919BK-02-242	216.8724	24956.48	1.054234	8.315147	1.052985	5.936311	1.25504	0.356566	0.639927	0.509886	1965.875	10.84297	1966.563	10.90667	1968.046	19.2508	1968.046	19.2508	99.8897
071919BK-02-243	156.7231	5983.006	2.06607	13.90635	4.556806	1.609532	4.677923	0.166497	0.82841	0.177089	992.7797	7.622293	973.9259	29.30492	932.5112	94.52148	932.5112	94.52148	106.463
071919BK-02-244	636.5331	6829.391	1.854693	17.17283	2.628782	0.508723	3.743673	0.065214	0.674543	0.180182	407.2566	2.662146	417.5901	12.81807	476.052	81.45748	407.2566	2.662146	85.54877
071919BK-02-245	856.5766	87174.68	23.42919	6.090728	0.638147	9.678083	0.950069	0.424285	0.703404	0.740372	2279.903	13.5078	2404.623	8.743632	2512.708	10.73524	2512.708	10.73524	90.7349
071919BK-02-246	5505.711	35017.41	3.848083	18.03104	0.733897	0.335901	1.006224	0.043886	0.596864	0.593173	276.8755	1.617585	294.0614	2.568993	433.839	18.0437	276.8755	1.617585	63.81986
071919BK-02-247	418.4942	49442.15	0.966034	7.951921	0.689816	6.288542	0.944779	0.360385	0.641828	0.679342	1983.997	10.96079	2016.859	8.277113	2051.423	12.24465	2051.423	12.24465	96.71322
071919BK-02-248	1013.057	18972.84	5.633648	18.09722	1.895054	0.415428	2.277444	0.054829	0.826545	0.362926	344.104	2.769597	352.7765	6.787223	411.2061	47.48233	344.104	2.769597	83.68164
071919BK-02-249	2099.637	29738.94	4.638027	18.21467	0.892662	0.423184	1.259258	0.055933	0.689887	0.547852	350.8443	2.355742	358.3249	3.80202	408.0083	23.57107	350.8443	2.355742	85.98951
071919BK-02-250	652.3067	3266.009	3.163372	9.061689	0.62949	4.117766	2.785757	0.278899	0.682656	0.245052	1585.813	9.596888	1657.834	22.76287	1751.106	49.44349	1751.106	49.44349	90.56065
071919BK-02-251	362.6637	51403.47	2.499059	4.793301	0.582799	16.53209	0.952855	0.570488	0.751717	0.788911	2909.824	17.60296	2908.091	9.123517	2907.584	9.489288	2907.584	9.489288	100.0771
071919BK-02-252	600.1697	7929.249	5.587865	17.18631	2.066918	0.523943	3.064459	0.066866	0.638853	0.208472	417.2472	2.581164	427.7817	10.6983	485.8964	66.18056	417.2472	2.581164	85.87164
071919BK-02-253	2761.205	7817.631	28.38205	17.84059	1.189593	0.372509	1.61697	0.049441	0.674152	0.416923	311.088	2.047407	321.5117	4.456116	398.6771	32.93993	311.088	2.047407	78.03007
071919BK-02-254	1013.689	12626.21	63.47181	17.53925	2.273092	0.514669	2.535774	0.066257	0.627127	0.247312	413.5673	2.51215	421.5839	8.749062	466.6141	54.42512	413.5673	2.51215	88.63155
071919BK-02-255	169.9973	3011.466	1.63457	15.72074	6.40885	0.501253	8.064413	0.061315	1.57709	0.195562	383.6173	5.873496	412.5501	27.34706	578.7472	172.0855	383.6173	5.873496	66.28408
071919BK-02-256	468.9275	24845.94	3.29442	11.12242	0.934442	2.942443	1.335953	0.236834	0.734794	0.550015	1370.216	9.070198	1392.903	10.12461	1428.631	21.29988	1428.631	21.29988	95.91113
071919BK-02-257	356.0301	37634.37	1.721529	6.77961	0.631502	9.045699	0.98453	0.442043	0.748891	0.760658	2359.781	14.79871	2342.635	9.001859	2328.469	10.95008	2328.469	10.95008	101.3447
071919BK-02-258	189.7096	5240.97	2.033924	15.74504	5.488447	0.817473	5.657338	0.096767	0.998071	0.176421	595.4372	5.67668	606.6377	25.8429	649.6296	119.6352	595.4372	5.67668	91.65795
071919BK-02-259	854.0628	43424.49	3.395008	10.71282	0.69711	3.332528	0.992435	0.257623	0.687034	0.69227	1477.667	9.072566	1488.705	7.751274	1505.27	13.53043	1505.27	13.53043	98.16622
071919BK-02-260	384.5793	14408.01	2.715148	13.31164	1.295069	1.856903	1.524447	0.180127	0.735657	0.482573	1067.67	7.238433	1065.886	10.06121	1063.131	26.86186	1063.131	26.86186	100.4269
071919BK-02-261	313.6692	6269.236	2.330438	16.95512	5.897402	0.469004	6.533598	0.05953	0.974328	0.149126	372.7659	3.52895	390.5008	21.18356	497.8791	142.4722	372.7659	3.52895	74.87077
071919BK-02-262	622.6728	54348.11	1.530014	6.782325	0.654506	8.78089	0.957332	0.428972	0.696348	0.727385	2301.083	13.47568	2315.51	8.726963	2328.99	11.2551	2328.99	11.2551	98.80173
071919BK-02-263	147.0652	3683.092	1.438974	15.26342	4.70881	0.852427	7.283312	0.099527	1.151505	0.158102	611.6387	6.719251	625.9805	34.04377	679.0641	153.8506	611.6387	6.719251	90.07082
071919BK-02-264	284.4057	39262.15	3.710122	5.90524	0.668054	11.31521	1.102858	0.481422	0.865374	0.784665	2533.455	18.12885	2549.46	10.28929	2562.929	11.43606	2562.929	11.43606	98.85
071919BK-02-265	596.4823	10995.07	3.649555	17.16759	1.882805	0.663041	2.110533	0.08376	0.868142	0.411338	518.5293	4.325284	516.4723	8.544166	508.3603	42.31774	518.5293	4.325284	102.0004
071919BK-02-266	208.6965	3386.18	1.434533	15.29507	6.762511	0.593832	8.255271	0.069885	1.401958	0.169826	435.463	5.903374	473.3119	31.2406	662.1372	174.587	435.463	5.903374	65.76628
071919BK-02-267	2037.601	21353.06	2.145508	17.88966	1.239594	0.490591	1.6339	0.063896	0.969808	0.593554	399.2781	3.754751	405.3133	5.460355	440.7968	29.255	399.2781	3.754751	90.58097
071919BK-02-268	2010.229	34433.88	2.995845	13.84654	0.743715	1.336576	1.451827	0.13386	1.166446	0.803433	809.8478	8.87716	861.7419	8.432733	998.5535	17.53909	998.5535	17.53909	81.1021
071919BK-02-269	336.4416	5563.84	1.048334	16.11901	2.632517	0.890009	3.627531	0.107688	0.734161	0.202386	659.3083	4.601089	646.3744	17.34658	602.3707	76.88365	659.3083	4.601089	109.4523
071919BK-02-270	310.2823	24998.93	0.767725	9.148187	0.759021	5.201944	0.979415	0.343933	0.57994	0.592129	1905.565	9.567497	1852.935	8.341499	1795.138	14.36936	1795.138	14.36936	106.1514
071919BK-02-271	155.2574	3917.095	0.898589	15.37589	4.971736	0.87006	5.354002	0.101993	1.238409	0.231305	626.0794	7.388814	635.6001	25.29834	670.5401	111.5148	626.0794	7.388814	93.36941
071919BK-02-272	1757.073	26638.22	3.566257	16.91105	0.980211	0.736602	1.342754	0.090415	0.71146	0.529852	557.9889	3.802909	560.4206	5.783139	571.2337	24.78554	557.9889	3.802909	97.68137
071919BK-02-273	211.6934	8014.966	1.608015	10.97242	1.540238	3.291641	1.768201	0.264783	0.656055	0.37103	1514.266	8.853864	1479.077	13.77138	1429.766	31.34281	1429.766	31.34281	105.91
071919BK-02-274	625.3337	3888.968	0.941602	17.39505	2.849359	0.575427	6.004385	0.077012	0.767855	0.127882	478.2628	3.539447	461.5182	22.27204	379.97	134.0047	478.2628	3.539447	125.8686
071919BK-02-275	718.1814	3799.427	1.11552	8.834669	0.675487	3.867874	1.546853	0.253769	1.357957	0.877884	1457.882	17.71846	1607.003	12.48055	1809.14	13.46113	1809.14	13.46113	80.58427
071919BK-02-276	1536.851	40348.77	5.242176	12.69595	0.970907	1.951685	1.380418	0.17899	0.962133	0.696987	1061.456	9.41614	1099.027	9.268133	1175.074	19.58377	1175.074	19.58377	90.33098
071919BK-02-277	401.7493	8171.059	4.749354	17.34314	3.953556	0.498566	4.716338	0.064166	1.526001	0.323556	400.9128	5.931577	410.7312	15.93372	467.2338	98.89224	400.9128	5.931577	85.80561
071919BK-02-278	45.06972	706.9095	3.16373	9.316265	13.71117	0.762769	16.83366	0.062658	3.279117	0.194795	391.7693	12.46401	575.6063	74.09278	1389.639	319.0573	391.7693	12.46401	28.19216
071919BK-02-279	454.5998	8409.757	1.186442	16.57642	2.869642	0.736494	3.83985	0.090381	1.82387	0.474985	557.7875	9.745617	560.3574	16.53783	571.7382	73.54654	557.7875	9.745617	97.55995
071919BK-02-280	1578.054	26527.06	9.239868	8.082862	0.897648	5.266764	1.307085	0.307395	0.948552	0.7257	1727.876	14.37706	1863.492	11.15454	2019.092	15.9418	2019.092	15.9418	85.57689
071919BK-02-281	389.9311	20457.74	3.231883	7.847084	0.680707	5.905833	1.000328	0.334983	0.708645	0.708413	1862.489	11.4629	1962.092	8.68656	2069.601	12.44147	2069.601	12.44147	89.99267
071919BK-02-282	284.8347	6230.271	3.401807	16.55119	3.407362	0.762214	4.151852	0.094362	0.731467	0.176178	581.2855	4.065844	575.2868	18.2363	552.624	89.22778	581.2855	4.065844	105.1864
071919BK-02-283	439.8338	72744.89	3.353354	5.647304	0.643444	12.37292	0.920062	0.50297	0.651642	0.708259	2626.546	14.05787	2633.124	8.643774	2638.896	10.78469	2638.896	10.78469	99.53202
071919BK-02-284	234.5077	8538.586	2.083939	16.2355	6.499514	0.715472	7.010431	0.085902	0.792772	0.113085	531.2555	4.042772	547.9901	29.69664	619.1056	150.471	531.2555	4.042772	85.81017
071919BK-02-285	504.9342	9451.766	1.526873	17.95271	2.826025	0.516113	3.731946	0.068533	1.310874	0.351258	427.3126	5.419913	422.5512	12.90035	397.6063	78.32918	427.3126	5.419913	107.4713
071919BK-02-286	672.2473	19180.34	1.492549	16.43	1.788965	0.837669	2.246348	0.100218	0.688498	0.306497	615.6869	4.042857	617.8583	10.39746	626.7392	46.0961	615.6869	4.042857	98.23655
071919BK-02-287	1074.255	32053.36	5.665275	13.646	0.789147	1.713288	1.0569	0.169159	0.64404	0.609367	1007.474	6.006925	1013.516	6.776492	1027.459	16.94702	1027.459	16.94702	98.0549
071919BK-02-288	69.08158	4049.77	2.936715	10.03722	3.79678	3.705022	4.039901	0.276911	0.855565	0.211779	1575.785	11.96054	1572.453	32.31293	1568.784	74.00168	1568.784	74.00168	100.4462
071919BK-02-289	1377.683	36657.1	0.778608	16.46525	1.067835	0.771574	1.423327	0.091959	0.777193	0.54604	567.1154	4.219269	580.6658	6.29446	634.99	25.68017	567.1154	4.219269	89.31091
071919BK-02-290	603.8843	3193.585	2.267762	16.98544	2.853544	0.498965	3.17524	0.066077	0.782132	0.246322	412.4787	3.125083	411.0018	10.73252	403.6681	68.91696	412.4787	3.125083	102.1826
071919BK-02-291	266.2219	13199.9	2.702356	5.565525	0.592722	12.42738	0.916529	0.499961	0.654155	0.713731	2613.628	14.0558	2637.25	8.613403	2656.136	10.64495	2656.136	10.64495	98.39964
071919BK-02-292	222.1467	9382.198	2.347319	13.43832	3.619542	1.802973	4.034406	0.177868	0.608478	0.150822	1055.318	5.923313	1046.536	26.35587	1029.109	80.66321	1029.109	80.66321	102.5468
071919BK-02-293	2021.336	28688.96	4.823691	16.67295	0.919735	0.656799	1.166166	0.079421	0.470461	0.403426	492.6666	2.23145	512.6541	4.694139	603.7176	23.08144	492.6666	2.23145	81.60548
071919BK-02-294	278.1857	6547.376	3.327769	15.56643	2.538793	0.831967	2.806907	0.096447	0.672385	0.239547	593.5504	3.812726	614.7029	12.94404	694.3473	58.07561	593.5504	3.812726	85.4832
071919BK-02-295	587.2646	10054.08	1.459645	16.44496	2.63786	0.631674	3.058608	0.076518	1.325359	0.433321	475.307	6.072891	497.138	12.02357	599.9291	59.71203	475.307	6.072891	79.2272
071919BK-02-296	697.4501	55458.53	0.49433	7.939207	0.486528	9.536605	0.686344	0.339593	0.476871	0.6948	1884.714	7.793022	1966.607	5.964412	2054.657	8.714746	2054.657	8.714746	91.72887
071919BK-02-297	392.6038	6938.943	5.169388	16.68558	3.961426	0.53209	4.326362	0.066159	0.818864	0.189273	412.973	3.275643	433.196	15.25761	543.1705	92.92117	412.973	3.275643	76.03008

Unit: TRcs
Sample: 072920BK-01

						Isotope ratios					Apparent ages (Ma)								
Analysis	U (ppm)	206Pb 204Pb	U/Th	206Pb* 207Pb*	± (%)	207Pb* 235U	± (%)	206Pb* 238U	± (%)	error corr.	206Pb* 238U	± (Ma)	207Pb* 235U	± (Ma)	206Pb* 207Pb*	± (Ma)	Best age (Ma)	± (Ma)	Conc (%)
072920BK-01-1	761.7716	8702.307	57.57719	18.27261	2.100506	0.405751	2.550706	0.055252	0.726756	0.284923	346.6872	2.453017	345.8107	7.475658	340.9334	55.35367	346.6872	2.453017	101.6877
072920BK-01-2	124.8762	8247.605	0.975605	13.24865	1.70189	1.72765	2.280257	0.169204	0.827337	0.362826	1007.726	7.718307	1018.876	14.66598	1043.772	42.8715	1043.772	42.8715	96.54653
072920BK-01-3	89.43218	6594.62	2.149548	13.07482	4.164587	1.893986	4.777286	0.183799	0.819658	0.171574	1087.698	8.203844	1078.981	31.75653	1062.311	94.71512	1062.311	94.71512	102.3898
072920BK-01-4	151.5426	8367.132	2.631039	10.70227	1.962062	3.298271	2.364405	0.259219	0.785224	0.332102	1485.847	10.42025	1480.645	18.42434	1474.007	42.32024	1474.007	42.32024	100.8033
072920BK-01-5	285.2527	7860.352	2.489775	16.29369	3.524818	0.821154	4.251306	0.099496	0.921638	0.216789	611.4544	5.376389	608.6921	19.4663	599.3782	89.88982	611.4544	5.376389	102.0148
072920BK-01-6	1787.653	12402.33	0.416242	16.36876	1.103515	0.493094	2.218903	0.059355	1.013031	0.456546	371.7002	3.658938	407.0168	7.440781	613.5648	42.66138	371.7002	3.658938	60.58043
072920BK-01-7	78.49884	1307.353	4.287145	13.69624	5.459085	0.821938	7.466276	0.095635	1.204123	0.161275	588.7782	6.775491	609.1293	34.214	686.5148	157.4427	588.7782	6.775491	85.76337
072920BK-01-8	605.9965	15844.85	10.05642	12.62562	0.756131	2.121649	1.375348	0.195332	0.773335	0.562283	1150.195	8.146501	1155.873	9.491713	1167.378	22.52828	1167.378	22.52828	98.52807
072920BK-01-9	1294.034	4882.009	16.65903	14.3667	0.732275	1.13524	1.319297	0.122291	0.685773	0.519802	743.7356	4.817115	770.2483	7.122307	848.8073	23.41603	743.7356	4.817115	87.62126
072920BK-01-10	479.267	12982.12	3.219784	16.25505	2.488514	0.773447	2.6762	0.091861	0.734292	0.274379	566.5328	3.982446	581.7386	11.8517	642.515	55.3537	566.5328	3.982446	88.17425
072920BK-01-11	140.3311	5864.507	5.340667	12.31724	2.008379	2.192193	2.338235	0.199639	0.665452	0.284596	1173.38	7.138874	1178.564	16.30591	1188.972	44.26474	1188.972	44.26474	98.68861
072920BK-01-12	146.9287	1657.205	3.60186	12.315	2.444043	1.769966	6.766667	0.174882	0.785883	0.11614	1038.952	7.54096	1034.508	43.93049	1025.987	136.0825	1025.987	136.0825	101.2637
072920BK-01-13	225.14	2737.062	1.876874	16.56587	3.029427	0.383612	5.407086	0.050006	0.84416	0.156121	314.5597	2.591642	329.6925	15.22312	438.8769	118.9264	314.5597	2.591642	71.67379
072920BK-01-14	98.94727	7261.805	3.309844	9.344443	1.231748	4.669871	2.08422	0.318645	0.684131	0.328243	1783.11	10.65706	1761.859	17.43202	1737.535	36.09971	1737.535	36.09971	102.623
072920BK-01-15	189.7613	1772.757	3.471097	15.41906	7.786731	0.422583	13.77037	0.053461	1.378066	0.100075	335.7378	4.508271	357.8961	41.55774	505.1313	302.7306	335.7378	4.508271	66.46545
072920BK-01-16	74.51886	1507.382	3.217718	13.23565	7.383881	0.855589	14.11959	0.092869	1.957536	0.13864	572.4804	10.72333	627.7119	66.19879	833.0245	292.7929	572.4804	10.72333	68.72311
072920BK-01-17	217.1075	3262.772	12.08961	16.47398	4.990649	0.533888	5.354522	0.068026	1.045538	0.195263	424.254	4.292923	434.3864	18.92593	489.425	115.9237	424.254	4.292923	86.68417
072920BK-01-18	70.93248	4187.781	1.967462	10.71695	2.451082	3.306132	3.043423	0.263277	0.76912	0.252715	1506.584	10.333	1482.5	23.73035	1449.014	56.0703	1449.014	56.0703	103.973
072920BK-01-19	443.8545	3752.647	2.690977	16.59074	2.399327	0.714589	4.220795	0.090898	0.991756	0.234969	560.8465	5.327138	547.4678	17.86345	493.1303	90.50604	560.8465	5.327138	113.7319
072920BK-01-20	85.21901	8337.726	6.382927	11.29812	3.639098	3.007031	3.81895	0.24847	1.003629	0.262802	1430.578	12.87619	1409.403	29.10771	1378.351	70.85209	1378.351	70.85209	103.7891
072920BK-01-21	346.3186	5636.257	13.76081	17.97352	2.789012	0.488461	3.31623	0.066072	0.754662	0.227566	412.447	3.015097	403.861	11.05055	356.016	72.91144	412.447	3.015097	115.8507
072920BK-01-22	341.0733	20211.77	2.108313	10.89062	0.931727	3.23831	1.25012	0.254954	0.621536	0.497181	1463.975	8.139895	1466.38	9.698855	1470.674	20.58975	1470.674	20.58975	99.54453
072920BK-01-23	104.4939	3048.834	4.291722	14.65017	7.155303	0.908374	9.631394	0.103064	1.181888	0.122712	632.3384	7.118686	656.1927	46.5827	739.9863	202.6667	632.3384	7.118686	85.45272
072920BK-01-24	229.0054	7789.926	3.778401	15.68986	3.577113	0.92649	4.194123	0.108285	0.91266	0.217604	662.7776	5.748339	665.7863	20.48349	676.9156	87.51806	662.7776	5.748339	97.9114
072920BK-01-25	375.292	5431.794	2.99741	17.0665	1.951022	0.661086	2.467196	0.08551	0.687487	0.278651	528.9301	3.491143	515.2782	9.97042	456.1473	52.59455	528.9301	3.491143	115.956
072920BK-01-26	195.0541	6064.454	3.490848	13.69693	1.747596	1.69917	3.552853	0.173932	0.689369	0.194032	1033.738	6.584247	1008.219	22.71361	954.0613	71.28243	954.0613	71.28243	108.3513
072920BK-01-27	145.5074	1923.764	2.428422	15.55547	4.321573	0.59658	13.05029	0.075808	1.175769	0.090095	471.053	5.340984	475.0608	49.55331	495.4034	287.5257	471.053	5.340984	95.08474
072920BK-01-28	182.3193	3965.734	4.193686	16.0867	3.198992	0.774682	5.851334	0.095563	0.945434	0.161576	588.3522	5.316197	582.4451	25.94072	560.4175	125.9677	588.3522	5.316197	104.9846
072920BK-01-29	68.68896	3870.32	2.679627	8.423745	2.089946	5.495186	2.662494	0.344141	0.895041	0.336166	1906.559	14.77247	1899.844	22.87615	1893.282	45.11357	1893.282	45.11357	100.7013
072920BK-01-30	95.04303	1326.248	1.263768	12.04677	9.337008	0.717217	13.58117	0.07164	1.42023	0.104573	446.0304	6.120477	549.0227	57.65792	1003.93	275.3309	446.0304	6.120477	44.42842
072920BK-01-31	393.776	2397.948	2.134218	16.97173	2.711934	0.527614	11.78797	0.07191	0.770277	0.065344	447.6546	3.331181	430.2252	41.36298	338.8865	267.2245	447.6546	3.331181	132.0957
072920BK-01-32	61.80982	5222.983	1.939951	8.148221	2.011011	5.891015	2.593139	0.353934	0.737161	0.284274	1953.357	12.42242	1959.911	22.51302	1967.598	44.33687	1967.598	44.33687	99.27619
072920BK-01-33	52.56543	7325.453	1.124445	7.905114	2.176792	6.334233	2.92277	0.366769	1.347162	0.46092	2014.18	23.30438	2023.204	25.63635	2033.18	45.90675	2033.18	45.90675	99.06551
072920BK-01-34	162.2652	5920.338	6.536239	15.01371	3.62908	1.140789	4.490449	0.128345	0.869947	0.193733	778.417	6.378934	772.8836	24.30155	757.8266	92.97849	778.417	6.378934	102.717
072920BK-01-35	228.8594	9727.848	7.305701	11.97998	1.475225	2.122808	2.39672	0.186851	0.734566	0.306488	1104.296	7.455032	1156.25	16.54441	1255.846	44.62063	1255.846	44.62063	87.93245
072920BK-01-36	119.0908	3874.19	2.69663	12.62817	3.213151	1.85598	3.501809	0.177425	0.96397	0.275278	1052.892	9.364045	1065.558	23.11083	1092.434	67.44199	1092.434	67.44199	96.38036
072920BK-01-37	307.3502	5997.285	34.8105	15.88532	3.423908	0.840423	3.91061	0.10023	0.793169	0.202825	615.7558	4.657982	619.3789	18.1343	633.5988	82.47225	615.7558	4.657982	97.18386
072920BK-01-38	109.3666	2120.258	1.640341	13.51231	5.990697	0.697545	6.9773	0.074948	0.994888	0.142589	465.8987	4.471636	537.3236	29.11973	854.1672	143.62	465.8987	4.471636	54.54421
072920BK-01-39	392.1499	10666.86	45.47372	16.82662	2.171822	0.639237	3.017969	0.079526	0.915606	0.303385	493.2957	4.348159	501.8334	11.95046	541.916	62.88766	493.2957	4.348159	91.02807
072920BK-01-40	2488.395	2037.918	7.286042	18.08186	1.028961	0.272047	6.024623	0.040877	1.236067	0.205169	258.2646	3.129221	244.3289	13.08351	113.49	NA	258.2646	3.129221	227.566
072920BK-01-41	112.8953	2358.023	2.475355	14.9951	4.603368	0.826789	7.941589	0.098639	1.038871	0.130814	606.4284	6.012757	611.8288	36.51158	632.8291	169.7516	606.4284	6.012757	95.82814
072920BK-01-42	147.6651	11152.31	3.480756	7.670792	1.004895	6.960213	1.33538	0.387869	0.762752	0.571187	2112.94	13.74165	2106.367	11.85639	2100.704	19.24908	2100.704	19.24908	100.5824

072920BK-01-43	703.7912	36639.62	3.105616	9.820344	0.715998	4.090693	1.044558	0.289571	0.7332	0.701923	1639.383	10.61329	1652.449	8.523006	1669.888	13.75757	1669.888	13.75757	98.17324
072920BK-01-44	330.0218	4089.213	3.78386	16.34471	3.588602	0.551287	4.171062	0.068703	0.802986	0.192513	428.3352	3.327691	445.8392	15.05199	538.169	89.58196	428.3352	3.327691	79.5912
072920BK-01-45	493.7097	4000.457	16.24952	19.04398	2.665064	0.412651	6.033112	0.060468	0.599087	0.0993	378.4704	2.202093	350.7827	17.89635	172.3178	140.2202	378.4704	2.202093	219.6352
072920BK-01-46	103.87	4379.706	2.735266	11.72432	4.990789	2.575696	5.730098	0.225211	0.627343	0.109482	1309.353	7.433663	1293.76	41.93463	1268.827	111.2661	1268.827	111.2661	103.194
072920BK-01-47	217.2745	5869.003	2.372137	12.39641	1.169407	2.118544	1.927466	0.194689	0.686062	0.35594	1146.727	7.207232	1154.862	13.29619	1171.042	35.6795	1171.042	35.6795	97.92366
072920BK-01-48	227.6282	4127.807	2.193711	15.39398	4.854927	0.649446	5.37363	0.076143	0.882947	0.164311	473.06	4.027293	508.1376	21.48658	670.2194	113.4913	473.06	4.027293	70.58286
072920BK-01-49	117.2805	5152.52	3.337065	11.19639	1.61875	2.886215	2.800909	0.240144	0.600168	0.214276	1387.443	7.491872	1378.317	21.12484	1365.028	52.69537	1365.028	52.69537	101.6421
072920BK-01-50	1032.376	31382.6	10.06982	13.28823	0.689039	1.880718	1.068175	0.181165	0.597417	0.559287	1073.334	5.906886	1074.316	7.081123	1077.201	17.7741	1077.201	17.7741	99.64106
072920BK-01-51	201.8962	14294.99	3.792657	9.25216	1.107592	4.617285	1.38875	0.310551	0.722827	0.520488	1743.417	11.0416	1752.397	11.59132	1763.904	21.67121	1763.904	21.67121	98.83858
072920BK-01-52	437.0592	35888.25	2.128237	7.865931	0.694398	6.732222	0.989051	0.38374	0.684931	0.692513	2093.73	12.24469	2076.861	8.744065	2060.926	12.58781	2060.926	12.58781	101.5917
072920BK-01-53	208.8668	4326.641	11.16937	17.15032	5.367587	0.498333	6.595946	0.065628	0.954981	0.144783	409.7639	3.791393	410.573	22.27859	416.0769	145.959	409.7639	3.791393	98.48273
072920BK-01-54	241.2417	4037.304	4.825338	16.74303	3.681444	0.70542	4.547924	0.090939	0.807688	0.177595	561.0906	4.340239	542.0231	19.1034	463.6014	99.222	561.0906	4.340239	121.0287
072920BK-01-55	168.6167	2205.603	5.452665	16.10417	5.570727	0.505941	9.012607	0.065968	1.056814	0.11726	411.8194	4.216064	415.7161	30.75425	438.3486	199.5801	411.8194	4.216064	93.9479
072920BK-01-56	160.5737	1905.942	1.705468	14.4867	5.234939	0.415928	8.119179	0.048983	2.103045	0.259022	308.2735	6.330559	353.1351	24.22151	660.6668	168.2998	308.2735	6.330559	46.66096
072920BK-01-57	65.45564	3359.136	1.049475	11.14058	3.022756	2.81034	3.735481	0.237552	0.80674	0.215967	1373.96	9.982691	1358.297	27.98218	1334.554	70.55312	1334.554	70.55312	102.9527
072920BK-01-58	88.32742	1052.344	2.483316	13.72565	9.778558	0.556137	15.26156	0.067894	2.37242	0.155451	423.4544	9.723276	449.009	55.43629	583.0295	329.0566	423.4544	9.723276	72.63001
072920BK-01-59	76.13683	1217.972	1.843418	12.19263	11.8545	0.677564	14.02099	0.069465	1.914722	0.136561	432.9328	8.017239	525.3013	57.5632	950.8735	285.5159	432.9328	8.017239	45.53001
072920BK-01-60	903.2832	9919.646	53.93761	18.11873	1.603627	0.408628	2.118854	0.054804	1.059982	0.500262	343.9491	3.550246	347.8868	6.241204	375.2198	41.29023	343.9491	3.550246	91.66604
072920BK-01-61	342.2949	13761.15	4.248471	12.17634	1.275449	2.315597	1.551588	0.205702	0.805271	0.518998	1205.878	8.856432	1217.077	11.00334	1237.858	26.00377	1237.858	26.00377	97.41656
072920BK-01-62	240.2228	4664.092	2.323297	16.97477	4.110649	0.569387	5.51784	0.073358	0.884055	0.160218	456.3553	3.89494	457.6177	20.32986	464.9072	120.7658	456.3553	3.89494	98.16051
072920BK-01-63	274.8195	11317.57	7.790328	12.80215	1.678824	1.915589	2.231191	0.179561	1.151159	0.515939	1064.576	11.29654	1086.533	14.88585	1131.685	38.04129	1131.685	38.04129	94.06995
072920BK-01-64	228.4883	14466.17	5.365787	10.00257	0.987001	3.977119	1.2731	0.28936	0.769063	0.604087	1638.331	11.12615	1629.539	10.32994	1619.002	18.88454	1619.002	18.88454	101.1939
072920BK-01-65	143.9107	5429.67	4.342936	13.33573	3.126505	1.805846	3.973122	0.179793	0.987574	0.248564	1065.844	9.70186	1047.576	25.97008	1010.54	78.04761	1010.54	78.04761	105.4726
072920BK-01-66	108.0351	1850.016	3.164289	13.26103	9.734598	0.573543	11.44798	0.061081	1.792465	0.156575	382.1961	6.651607	460.3033	42.39341	872.5392	234.901	382.1961	6.651607	43.80275
072920BK-01-67	133.8513	4893.291	2.744479	12.5514	2.074612	2.169247	3.238751	0.203482	0.695818	0.214841	1194.001	7.584052	1171.238	22.51291	1130.279	62.99104	1130.279	62.99104	105.6377
072920BK-01-68	292.0019	10499.99	6.12002	13.05617	1.262591	1.994304	2.13459	0.190752	0.621332	0.291078	1125.447	6.41638	1113.583	14.43674	1091.346	40.90502	1091.346	40.90502	103.1247
072920BK-01-69	406.5227	5493.017	0.878928	17.11694	2.598236	0.54505	4.020659	0.070334	0.665677	0.165564	438.1657	2.819849	441.7489	14.40291	461.4039	87.95035	438.1657	2.819849	94.96359
072920BK-01-70	290.4719	8733.686	4.868766	13.6988	1.690403	1.618979	1.931237	0.16326	0.718668	0.372128	974.8689	6.502042	977.5952	12.12259	984.6015	36.47264	984.6015	36.47264	99.01152
072920BK-01-71	890.3303	12510.17	3.966991	17.44339	1.82578	0.497765	2.079349	0.063781	0.793193	0.381462	398.5798	3.065753	410.1882	7.016893	477.0236	42.49841	398.5798	3.065753	83.55558
072920BK-01-72	476.5475	10273.42	2.534476	17.71698	3.265993	0.515857	3.547457	0.067469	0.713384	0.201097	420.8917	2.906652	422.3798	12.25855	431.4593	77.44448	420.8917	2.906652	97.55073
072920BK-01-73	216.0246	3486.074	2.524441	15.46615	5.235582	0.545299	6.477513	0.064602	0.996197	0.153793	403.552	3.896925	441.9121	23.21324	647.8973	137.5883	403.552	3.896925	62.28641
072920BK-01-74	32.35546	679.2105	1.234217	10.4747	11.84411	0.932777	20.81068	0.089708	3.109626	0.149425	553.8082	16.5024	669.0949	102.3243	1080.426	417.1073	553.8082	16.5024	51.2583
072920BK-01-75	159.7094	5369.584	1.216301	15.7686	3.725644	0.874471	5.593265	0.103223	0.792119	0.14162	633.2712	4.777748	637.9922	26.5009	655.7035	118.8548	633.2712	4.777748	96.5789
072920BK-01-76	127.6969	4274.482	4.348316	13.55818	2.689431	1.684265	3.46541	0.171447	0.981477	0.283221	1020.081	9.259906	1002.596	22.08198	965.4717	67.87063	965.4717	67.87063	105.6562
072920BK-01-77	1297.491	4948.505	1.515881	17.80486	1.67407	0.337389	2.859361	0.04545	1.697951	0.593822	286.5287	4.758581	295.1913	7.324527	365.2548	51.85788	286.5287	4.758581	78.44625
072920BK-01-78	108.6392	10024.88	2.469432	5.53542	1.171094	12.70724	1.611319	0.507586	1.096094	0.680246	2646.316	23.79006	2658.196	15.16858	2667.956	19.56289	2667.956	19.56289	99.18889
072920BK-01-79	265.4114	5959.364	1.723587	16.94481	2.469839	0.665069	4.28438	0.084263	0.963033	0.224778	521.5159	4.824584	517.7101	17.3778	501.8922	91.95382	521.5159	4.824584	103.9099
072920BK-01-80	380.0006	7044.634	17.09241	17.75966	2.573283	0.52705	4.196077	0.069913	0.791138	0.188542	435.6316	3.332578	429.8497	14.70626	399.9287	92.34448	435.6316	3.332578	108.9273
072920BK-01-81	136.5577	2607.372	3.532524	14.21078	6.324949	0.861087	9.33847	0.093701	1.066412	0.114196	577.3912	5.88967	630.7162	43.89919	827.7799	193.8977	577.3912	5.88967	69.75178
072920BK-01-82	132.5031	4801.606	4.434097	12.58186	3.385427	2.187965	3.905288	0.201752	0.814526	0.20857	1184.725	8.815081	1177.218	27.22161	1164.288	75.70884	1164.288	75.70884	101.7554
072920BK-01-83	130.4535	2576.264	1.394177	15.56494	5.392166	0.819985	6.646521	0.098714	0.971852	0.14622	606.8685	5.628764	608.04	30.41531	613.3269	142.1562	606.8685	5.628764	98.947
072920BK-01-84	209.8559	691.5887	1.683043	15.21675	5.087478	0.473906	40.14951	0.075377	5.465541	0.13613	468.4722	24.69643	393.8833	131.8143	NA	NA	468.4722	24.69643	
072920BK-01-85	186.0432	9782.962	5.253744	11.12425	1.34444	2.97306	1.602801	0.241776	0.726513	0.453277	1395.925	9.118692	1400.758	12.17892	1408.937	27.34799	1408.937	27.34799	99.07653
072920BK-01-86	103.838	1958.862	2.367184	13.94131	8.145548	0.878624	13.00461	0.096595	1.129708	0.08687	594.421	6.414919	640.2392	61.83393	806.3264	272.2425	594.421	6.414919	73.71965
072920BK-01-87	48.94586	2119.622	1.962495	12.1089	9.564912	2.000191	9.944021	0.183457	1.222547	0.122943	1085.831	12.21703	1115.577	67.41428	1174.88	195.7188	1174.88	195.7188	92.4206
072920BK-01-88	339.3947	7032.048	2.9314	17.1861	3.974789	0.749306	4.634146	0.092752	0.64832	0.139901	571.7927	3.547393	567.8219	20.15813	552.9013	100.1646	571.7927	3.547393	103.4168
072920BK-01-89	132.3507	2362.933	4.755104	16.35058	6.069358	0.644809	10.05427	0.08145	0.957626	0.095246	504.771	4.649413	505.2793	40.04248	508.519	220.5915	504.771	4.649413	99.26296
072920BK-01-90	263.3224	3960.115	2.093545	16.63589	3.656214	0.501329	4.971296	0.061707	0.712222	0.143267	386	2.668486	412.6014	16.85723	565.1787	107.202	386	2.668486	68.29699
072920BK-01-91	83.16254	2583.787	0.891294	15.29631	8.606462	0.817509	9.583512	0.095011	1.202609	0.125487	585.1027	6.726613	606.6578	43.79654	688.9472	203.2351	585.1027	6.726613	84.92707
072920BK-01-92	1461.759	22857.15	92.33176	18.29224	0.79416	0.515276	1.508181	0.066248	0.644047	0.427036	413.5126	2.579598	421.9907	5.207572	469.5448	30.21168	413.5126	2.579598	88.0667
072920BK-01-93	117.8523	4059.39	1.547183	15.27625	5.209779	0.871402	6.258478	0.098722	0.868179	0.13872	606.9174	5.028697	636.328	29.59872	743.1211	131.1772	606.9174	5.028697	81.67141
072920BK-01-94	620.5386	13728.56	3.87253	11.35915	0.726415	2.916222	1.301701	0.235033	0.700903	0.538452	1360.823	8.598576	1386.127	9.842559	1426.115	20.94732	1426.115	20.94732	95.42169
072920BK-01-95	277.2257	7481.377	5.165857	12.58301	1.233264	2.159241	1.754965	0.19519	0.834473	0.475493	1149.427	8.785182	1168.027	12.17973	1203.514	30.42172	1203.514	30.42172	95.50592
072920BK-01-96	47.41912	525.0606	2.176023	13.65618	9.021096	0.631714	49.40094	0.097183	2.593297	0.052495	597.8768	14.80747	497.1628	196.6177	57.56495	NA	597.8768	14.80747	1038.613
072920BK-01-97	300.6043	4794.441	1.666852	16.27827	4.046179	0.772386	4.982567	0.09269	1.235895	0.248044	571.4275	6.758283	581.1306	22.05095	620.1563	104.208	571.4275	6.758283	92.14251
072920BK-01-98	400.9737	7463.608	6.219943	14.2227	1.381289	1.490661	2.881852	0.152767	0.68125	0.236393	916.4556	5.819869	926.5861	17.51495	951.6818	57.28511	951.6818	57.28511	96.29853
072920BK-01-99	230.9632	7703.444	3.512296	12.22666	1.204368	2.363065	2.496587	0.207144	0.667829	0.267497	1213.585	7.387501	1231.51	17.81401	1263.859	46.99033	1263.859	46.99033	96.02218
072920BK-01-100	78.89542	1504.416	3.178239	12.46091	4.528636	1.788999	5.008844	0.177193	1.045048	0.20864	1051.62	10.14035	1041.461	32.63463	1021.066	99.22023	1021.066	99.22023	102.9924
072920BK-01-101	88.32974	1857.028	4.392171	13.61314	12.34726	0.862704	12.81201	0.092012	1.320046	0.103032	567.4239	7.170072	631.5979	60.32197	869.4938	265.119	567.4239	7.170072	65.25912
072920BK-01-102	68.57372	1427.594	2.7567	11.73239	9.241095	0.781467	10.10058	0.073501	2.297753	0.227487	457.2119	10.14171	586.3197	45.01875	1124.945	196.4764	457.2119	10.14171	40.64307
072920BK-01-103	125.9566	4157.43	6.737523	12.99787	4.378078	1.646394	6.051359	0.158572	1.617299	0.267262	948.836	14.26962	988.1688	38.24436	1077.46	117.1415	1077.46	117.1415	88.06228
072920BK-01-104	1320.538	5830.366	11.1312	17.75011	1.166148	0.429888	2.333041	0.056542	1.60478	0.687849	354.5604	5.536269	363.0971	7.122177	418.9437	37.83606	354.5604	5.536269	84.63197
072920BK-01-105	167.6251	7097.829	5.618303	13.28033	2.268693	1.863034	2.597543	0.179972	0.693238	0.266882	1066.823	6.81607	1068.063	17.16438	1071.491	50.31239	1071.491	50.31239	99.5643
072920BK-01-106	28.26584	827.4447	3.310698	10.46766	6.073919	2.19063	15.4441	0.198033	2.255521	0.146044	1164.744	24.03453	1178.066	108.0739	1203.46	302.7488	1203.46	302.7488	96.7829
072920BK-01-107	476.1878	8405.327	0.933988	16.6336	2.66124	0.755522	3.011288	0.092324	0.55628	0.184732	569.2654	3.030916	571.4231	13.15974	580.9414	64.31364	569.2654	3.030916	97.99016
072920BK-01-108	829.5112	21013.56	3.308127	16.24859	1.215122	0.876976	1.551244	0.102829	0.585201	0.377246	630.9667	3.517473	639.3479	7.359471	670.0099	30.72574	630.9667	3.517473	94.17275
072920BK-01-109	151.775	2350.995	2.051158	15.77665	7.486507	0.581446	12.40556	0.072532	1.228244	0.099007	451.3944	5.354567	465.3904	46.34501	535.9808	271.1247	451.3944	5.354567	84.21839
072920BK-01-110	545.1803	7387.88	2.316521	17.56329	2.969179	0.502694	3.367388	0.065262	0.642283	0.190736	407.5471	2.536581	413.5243	11.43864	447.9651	73.46568	407.5471	2.536581	90.97743
072920BK-01-111	190.5296	14373.03	6.509752	9.252961	0.759282	4.747963	1.296447	0.317356	0.698714	0.538946	1776.803	10.8508	1775.748	10.87413	1775.287	19.92929	1775.287	19.92929	100.0854
072920BK-01-112	141.156	7874.35	8.956735	8.695023	1.025011	5.380091	1.368298	0.340563	0.818661	0.598306	1889.377	13.40705	1881.69	11.71636	1873.984	19.7687	1873.984	19.7687	100.8214
072920BK-01-113	104.7981	7159.441	1.272863	10.32695	2.584568	3.604463	2.944689	0.272391	0.709791	0.241041	1552.927	9.795378	1550.516	23.41035	1548.033	53.70087	1548.033	53.70087	100.3162
072920BK-01-114	299.9364	19189	4.756583	7.910927	0.679787	6.014203	0.976285	0.343098	0.639952	0.655497	1901.558	10.53845	1977.902	8.499955	2059.455	13.00959	2059.455	13.00959	92.33309
072920BK-01-115	322.1689	44660.48	6.554182	4.884276	0.598492	16.26679	0.999943	0.571009	0.797164	0.79721	2911.963	18.67806	2892.608	9.56551	2879.86	9.803102	2879.86	9.803102	101.1147
072920BK-01-116	533.2272	9288.452	1.244407	17.96901	2.127311	0.529178	3.392627	0.070338	0.809193	0.238515	438.1913	3.427986	431.2638	11.92146	395.3792	73.87715	438.1913	3.427986	110.8281
072920BK-01-117	87.39944	5572.973	3.953273	10.74887	2.246117	3.277417	2.954464	0.260213	0.813911	0.275485	1490.93	10.83379	1475.706	22.98968	1454.69	54.03846	1454.69	54.03846	102.4912
072920BK-01-118	90.79866	1445.076	4.094953	16.79401	8.12019	0.424408	20.76548	0.061777	1.908857	0.091925	386.4227	7.159529	359.198	62.90368	187.8753	NA	386.4227	7.159529	205.6804
072920BK-01-119	171.5552	4127.105	1.494332	15.84307	4.560401	0.791071	6.598318	0.095395	0.968358	0.146758	587.3665	5.436382	591.779	29.59979	609.6547	141.2016	587.3665	5.436382	96.34413
072920BK-01-120	368.3981	6161.938	3.590269	17.3627	2.766617	0.684354	3.225671	0.089068	0.81652	0.253132	550.0251	4.304804	529.4024	13.30829	442.4031	69.43464	550.0251	4.304804	124.3267
072920BK-01-121	201.2319	3809.792	2.43645	16.80371	4.195649	0.733499	4.896261	0.095035	0.858067	0.17525	585.2448	4.800586	558.6045	21.03936	452.4315	107.0858	585.2448	4.800586	129.3554
072920BK-01-122	137.8965	2551.377	4.116103	16.06516	5.288636	0.601117	6.259207	0.076706	1.082257	0.172906	476.4303	4.97027	477.9424	23.86521	486.1673	136.1975	476.4303	4.97027	97.99718
072920BK-01-123	180.3779	5420.952	2.464474	15.9317	6.121898	0.531903	6.328507	0.063864	1.010314	0.159645	399.0816	3.909708	433.0719	22.31528	619.045	134.9424	399.0816	3.909708	64.46729
072920BK-01-124	127.9829	3970.57	8.912823	12.88689	3.401081	1.847402	3.859695	0.180089	0.653242	0.169247	1067.458	6.426344	1062.504	25.43234	1053.239	76.64115	1053.239	76.64115	101.35
072920BK-01-125	96.08464	1378.353	2.337408	11.86731	15.95171	0.708504	17.13891	0.069143	1.869221	0.109063	430.9886	7.792731	543.8575	72.28899	1051.014	345.7387	430.9886	7.792731	41.00693
072920BK-01-126	366.6498	5000.811	1.937774	16.1309	3.491425	0.756723	3.989221	0.092144	0.649684	0.16286	568.2035	3.533514	572.1175	17.44995	588.6475	85.40916	568.2035	3.533514	96.52694
072920BK-01-127	220.9609	9492.977	5.965904	13.19587	1.685793	1.759881	2.052659	0.170476	0.779108	0.37956	1014.731	7.315023	1030.804	13.29121	1065.963	38.20281	1065.963	38.20281	95.19381
072920BK-01-128	83.77303	1866.284	2.72515	11.70113	7.873804	0.954602	8.819118	0.088208	1.143404	0.129651	544.9274	5.974644	680.4963	43.76107	1160.153	173.7049	544.9274	5.974644	46.97029
072920BK-01-129	148.3322	10086.1	2.625075	8.217499	0.937704	5.921877	1.276587	0.354013	0.579958	0.454303	1953.734	9.774878	1964.448	11.09004	1976.513	20.25807	1976.513	20.25807	98.8475
072920BK-01-130	119.9911	6061.861	2.649884	9.251373	1.136984	4.612762	1.347836	0.31359	0.593902	0.440634	1758.347	9.139776	1751.579	11.24784	1744.292	22.16619	1744.292	22.16619	100.8057
072920BK-01-131	336.0344	2058.668	1.066596	8.75635	0.927634	4.740136	4.866375	0.316981	0.710413	0.145984	1774.97	11.02259	1774.365	40.82611	1774.431	87.91511	1774.431	87.91511	100.0304
072920BK-01-132	296.619	16578.15	4.255811	12.14369	1.103295	2.487351	1.605501	0.219616	0.632965	0.394248	1279.845	7.34749	1268.358	11.62789	1249.806	28.8752	1249.806	28.8752	102.4035
072920BK-01-133	144.3818	1203.968	7.427315	16.54722	5.249568	0.619882	12.32015	0.091397	1.179336	0.095724	563.7929	6.366555	489.7736	47.90643	157.9047	NA	563.7929	6.366555	357.0464
072920BK-01-134	181.5995	5301.533	21.15786	8.532335	0.94271	5.423915	1.620759	0.336396	0.892458	0.550642	1869.307	14.48178	1888.641	13.89596	1910.729	24.28628	1910.729	24.28628	97.8321
072920BK-01-135	281.1909	9348.909	6.102627	8.946429	0.677725	5.085232	1.617984	0.328082	0.674814	0.417071	1829.078	10.74633	1833.645	13.7298	1839.605	26.62526	1839.605	26.62526	99.42779
072920BK-01-136	766.566	7006.699	62.01895	7.818145	0.611067	6.190538	2.055619	0.349678	1.505513	0.732389	1933.059	25.14449	2003.113	17.97152	2076.908	24.64682	2076.908	24.64682	93.07392
072920BK-01-137	664.09	8951.588	43.21937	12.98204	0.707103	1.641012	2.06197	0.154829	0.704648	0.341736	927.9739	6.090101	986.1015	13.01	1118.717	38.64456	1118.717	38.64456	82.94985
072920BK-01-138	519.8355	10820.49	5.462422	16.75616	2.351538	0.705164	2.890867	0.086039	0.689167	0.238395	532.0709	3.519609	541.8706	12.13955	584.2374	60.9773	532.0709	3.519609	91.07101
072920BK-01-139	179.514	6992.131	3.629459	13.92438	2.06075	1.70873	2.720221	0.174321	0.74098	0.272397	1035.873	7.090666	1011.809	17.42547	960.9829	53.48182	960.9829	53.48182	107.793
072920BK-01-140	189.0864	2228.424	18.91416	14.79538	4.339258	0.545245	5.401794	0.063913	1.159432	0.214638	399.3796	4.490011	441.8771	19.35597	670.6402	112.9548	399.3796	4.490011	59.55199
072920BK-01-141	83.40278	9110.458	5.336906	4.941126	0.814709	15.77805	1.187186	0.561865	0.821622	0.692076	2874.333	19.05374	2863.453	11.33648	2856.503	13.95059	2856.503	13.95059	100.6242
072920BK-01-142	102.8953	6877.185	3.910109	10.383	1.714835	3.579694	2.423335	0.271858	0.655804	0.27062	1550.224	9.036398	1545.039	19.23556	1538.755	43.88675	1538.755	43.88675	100.7454
072920BK-01-143	121.99	4538.401	3.985714	12.18499	4.098227	2.228056	4.551852	0.20209	0.857281	0.188337	1186.54	9.290738	1189.907	31.91141	1196.906	88.21012	1196.906	88.21012	99.13392
072920BK-01-144	644.9422	10756.98	8.466676	18.21785	1.629158	0.474293	3.064658	0.06318	0.730433	0.238341	394.9375	2.798163	394.1497	10.01126	390.4866	66.81664	394.9375	2.798163	101.1398
072920BK-01-145	77.73873	701.1292	4.376326	11.55754	11.15801	0.587517	23.42848	0.063527	1.928458	0.082313	397.0372	7.425676	469.2809	88.26084	841.0419	492.3995	397.0372	7.425676	47.20778
072920BK-01-146	464.4761	5860.543	15.22377	16.15966	1.475914	0.850463	2.764243	0.102176	0.837175	0.302859	627.1456	5.003	624.9032	12.90044	617.7122	56.87021	627.1456	5.003	101.5271
072920BK-01-147	399.5382	13199.77	8.241674	10.28611	0.845837	3.378321	2.106659	0.250732	1.681644	0.798252	1442.252	21.73202	1499.381	16.50653	1581.882	23.73351	1581.882	23.73351	91.17314
072920BK-01-148	94.40692	3996.863	2.183942	12.34652	2.68282	2.282674	3.150189	0.210771	0.847695	0.269093	1232.924	9.51277	1206.944	22.24601	1161.597	60.14044	1161.597	60.14044	106.1404
072920BK-01-149	37.00881	3163.559	2.586436	7.331736	3.426563	7.183892	3.795148	0.388976	0.887385	0.233821	2118.077	16.01987	2134.506	33.83914	2151.103	64.45856	2151.103	64.45856	98.46466
072920BK-01-150	182.987	4642.035	2.684912	15.27726	4.485023	0.840833	6.040346	0.096574	0.977697	0.161861	594.301	5.550671	619.6053	28.02189	714.102	126.7383	594.301	5.550671	83.22354
072920BK-01-151	207.9466	3998.299	3.796083	15.92031	3.737455	0.859457	5.309951	0.10398	0.816536	0.153775	637.6919	4.957729	629.8264	24.9256	602.6078	113.6178	637.6919	4.957729	105.822
072920BK-01-152	254.4191	30794.24	1.724655	4.266476	0.567259	20.12122	0.890841	0.615674	0.685182	0.76914	3092.681	16.83146	3097.201	8.617396	3100.81	9.072066	3100.81	9.072066	99.73785

072920BK-01-153	333.9269	11193.85	3.978797	17.25003	3.2189	0.692068	3.812434	0.087741	0.699911	0.183586	542.163	3.639468	534.0419	15.83428	500.4801	82.54689	542.163	3.639468	108.3286
072920BK-01-154	474.7152	14701.54	3.163206	16.69075	2.309211	0.808335	2.571706	0.099221	0.813908	0.316485	609.8447	4.736022	601.5197	11.67301	571.2057	53.0805	609.8447	4.736022	106.7645
072920BK-01-155	81.53494	2133.277	1.645691	14.34062	5.17915	0.86502	6.54897	0.099362	1.410789	0.215421	610.6692	8.21978	632.8597	30.85171	713.8561	136.0089	610.6692	8.21978	85.54514
072920BK-01-156	27.84183	515.7069	2.130808	6.925981	21.89253	1.38583	23.91653	0.084716	3.746785	0.156661	524.2127	18.8638	882.9236	141.9764	1936.648	429.0923	1936.648	429.0923	27.06803
072920BK-01-157	125.3165	1950.586	2.365076	14.6418	6.06761	0.815741	12.94636	0.096913	0.756114	0.058404	596.2951	4.306431	605.6696	59.12437	641.8608	278.9514	596.2951	4.306431	92.90101
072920BK-01-158	137.6565	2407.986	2.870322	15.15734	6.027877	0.769169	11.03139	0.092113	1.438722	0.130421	568.0233	7.822577	579.2859	48.73554	624.6201	236.4787	568.0233	7.822577	90.93902
072920BK-01-159	249.2	2365.342	1.871049	16.79956	4.182644	0.475638	9.584086	0.064022	1.044649	0.108998	400.0385	4.051975	395.0756	31.37728	367.0947	215.1291	400.0385	4.051975	108.9742
072920BK-01-160	133.7267	2189.14	1.536485	15.823	6.303676	0.752764	8.86719	0.095574	1.1841	0.133537	588.419	6.658938	569.8268	38.68667	497.2969	193.9196	588.419	6.658938	118.3235
072920BK-01-161	111.2443	4989.064	3.8796	10.63398	2.504339	3.238308	3.877446	0.254828	0.939936	0.242411	1463.324	12.30493	1466.38	30.09043	1471.616	71.42101	1471.616	71.42101	99.4366
072920BK-01-162	329.5373	9279.782	3.244338	10.88459	0.941797	3.206314	1.304758	0.253565	0.790284	0.605694	1456.836	10.30492	1458.686	10.099	1462.19	19.73005	1462.19	19.73005	99.63389
072920BK-01-163	803.7419	6502.118	2.411133	18.1249	1.939339	0.359437	4.565687	0.048541	1.12442	0.246276	305.555	3.355568	311.794	12.25802	359.6694	99.88366	305.555	3.355568	84.95439
072920BK-01-164	337.6323	15246.93	4.565197	7.728617	0.732915	6.362379	1.470987	0.353807	1.10412	0.750598	1952.751	18.60138	2027.094	12.90813	2104.41	17.06154	2104.41	17.06154	92.79328
072920BK-01-165	35.86035	1641.202	2.7148	11.31837	7.715259	2.182656	10.65791	0.1956	1.300605	0.122032	1151.639	13.71661	1175.525	74.3486	1220.641	208.4827	1220.641	208.4827	94.34709
072920BK-01-166	1131.601	9684.764	6.703699	18.36212	1.74832	0.439705	2.143306	0.05935	0.765951	0.357369	371.6696	2.766297	370.0441	6.646729	360.8364	45.16607	371.6696	2.766297	103.0022
072920BK-01-167	160.2339	1875.302	3.87759	13.31864	7.405411	0.607577	11.17034	0.064826	1.005231	0.089991	404.9092	3.945079	482.0312	42.89278	868.7054	231.2234	404.9092	3.945079	46.61064
072920BK-01-168	142.3693	2767.758	3.32321	14.88747	3.414397	1.06745	7.490526	0.123953	0.825158	0.11016	753.2764	5.866302	737.4889	39.28904	690.7722	158.971	753.2764	5.866302	109.0485
072920BK-01-169	280.3553	5091.732	6.153326	15.43221	2.327644	0.963282	3.260396	0.111841	0.65471	0.200807	683.4301	4.245467	684.995	16.24456	691.0577	68.13205	683.4301	4.245467	98.89623
072920BK-01-170	481.2309	5228.536	0.744373	17.87033	2.672998	0.535165	3.565225	0.072267	0.82266	0.230745	449.7981	3.574164	435.2314	12.62036	359.8294	78.27687	449.7981	3.574164	125.0031
072920BK-01-171	167.9361	6180.536	6.656078	13.14555	2.234068	1.692939	3.818588	0.164753	0.860239	0.225277	983.1356	7.843982	1005.872	24.37984	1056.637	74.93569	1056.637	74.93569	93.04381
072920BK-01-172	155.5877	7676.593	5.778337	12.33637	1.899185	2.315775	2.760242	0.210583	0.766503	0.277694	1231.925	8.595306	1217.131	19.57683	1191.851	52.3449	1191.851	52.3449	103.3623
072920BK-01-173	112.1276	2057.781	2.148719	15.21498	9.319038	0.708034	13.88754	0.086929	1.070877	0.077111	537.352	5.521073	543.5785	58.51853	570.7399	302.5708	537.352	5.521073	94.15007
072920BK-01-174	391.4351	5280.519	4.013124	17.78632	3.900634	0.506198	4.139419	0.068217	0.838476	0.202559	425.4033	3.451761	415.8896	14.12654	364.405	91.44692	425.4033	3.451761	116.7392
072920BK-01-175	1441.97	9408.7	12.70145	18.46472	1.409994	0.36534	2.377724	0.050034	1.239887	0.52146	314.7323	3.808596	316.1936	6.46031	327.9721	46.02267	314.7323	3.808596	95.96313
072920BK-01-176	192.454	4331.912	8.200196	15.99368	7.402285	0.534452	7.75047	0.065052	1.09087	0.140749	406.2774	4.295187	434.7602	27.41695	589.5481	166.6485	406.2774	4.295187	68.91335
072920BK-01-177	68.05088	1703.493	1.386582	10.43686	7.079146	1.008823	8.918612	0.082946	3.490547	0.391378	513.6848	17.23466	708.2793	45.50835	1387.875	157.7982	1387.875	157.7982	37.01233
072920BK-01-178	102.3705	7068.079	5.885186	8.850661	1.528435	4.985589	1.773165	0.323303	0.711042	0.401001	1805.84	11.19861	1816.88	14.99755	1830.336	29.44403	1830.336	29.44403	98.66165
072920BK-01-179	176.0074	2964.107	1.233344	16.11416	5.154036	0.553682	6.434718	0.06978	1.067964	0.165969	434.8277	4.490651	447.4059	23.2881	513.5498	139.5567	434.8277	4.490651	84.671
072920BK-01-180	129.4299	2264.092	1.12335	14.70105	6.433196	0.847604	7.550296	0.099043	0.787005	0.104235	608.7966	4.571972	623.3331	35.18453	677.3992	160.7293	608.7966	4.571972	89.87266
072920BK-01-181	293.985	11914.98	3.415458	11.17198	0.766543	2.946514	1.244795	0.239985	0.648591	0.521043	1386.617	8.092016	1393.951	9.437025	1406.006	20.34551	1406.006	20.34551	98.62103
072920BK-01-182	189.8274	13885.09	3.017886	5.791347	0.765895	9.916274	1.339509	0.415353	1.080323	0.806507	2239.349	20.43742	2427.024	12.35581	2589.07	13.21359	2589.07	13.21359	86.49241
072920BK-01-183	99.21314	1810.004	1.398996	14.41335	4.151596	0.792797	7.85176	0.092909	0.84503	0.107623	572.7175	4.630881	592.7571	35.26975	671.1367	167.2533	572.7175	4.630881	85.33545
072920BK-01-184	132.2176	2068.755	3.67083	14.62091	6.242133	0.827053	7.707105	0.0969	1.164054	0.151036	596.2179	6.62902	611.9755	35.43885	671.6866	163.1955	596.2179	6.62902	88.7643
072920BK-01-185	240.0955	2540.931	2.715612	17.05674	5.026143	0.488598	5.989628	0.066486	1.02581	0.171264	414.9483	4.122478	403.9547	19.96457	342.5278	133.6628	414.9483	4.122478	121.1429
072920BK-01-186	204.0891	2331.429	4.330587	17.68926	3.976583	0.4178	5.56666	0.059834	0.996072	0.178935	374.6174	3.625106	354.4765	16.65777	225.6292	126.6813	374.6174	3.625106	166.0324
072920BK-01-187	115.5652	2181.67	2.960497	14.79135	6.280844	0.862692	6.771995	0.101899	0.813852	0.120179	625.5288	4.85168	631.5913	31.85691	654.3082	144.3735	625.5288	4.85168	95.60155
072920BK-01-188	508.0747	71332.17	1.980835	5.284262	0.495004	13.80407	0.798813	0.525867	0.622472	0.779247	2724.013	13.82923	2736.358	7.563262	2746.182	8.231912	2746.182	8.231912	99.19275
072920BK-01-189	235.7546	17869.94	3.318701	11.77378	1.283779	2.64854	1.726982	0.226702	0.720933	0.417452	1317.192	8.588743	1314.238	12.72998	1310.247	30.45473	1310.247	30.45473	100.53
072920BK-01-190	62.07105	1229.192	0.844583	13.95107	8.299877	0.721768	18.11611	0.086795	4.490062	0.247849	536.5536	23.11633	551.7101	77.26003	615.6989	381.666	536.5536	23.11633	87.14546
072920BK-01-191	1745.141	42684.59	22.7873	13.78285	0.690334	1.62451	0.953623	0.161662	0.638118	0.669151	966.005	5.724624	979.7373	5.993575	1011.506	14.3666	1011.506	14.3666	95.50161
072920BK-01-192	232.354	10264.7	1.455468	12.33794	1.122603	2.368482	1.69957	0.213387	0.669754	0.394072	1246.838	7.592812	1233.144	12.13461	1210.126	30.73847	1210.126	30.73847	103.0338
072920BK-01-193	63.37539	1173.617	0.707572	12.4779	10.79206	0.879571	16.2195	0.092954	1.594863	0.09833	572.9833	8.743952	640.7509	77.21748	888.4619	335.5484	572.9833	8.743952	64.4916
072920BK-01-194	1512.263	35436.07	11.53158	14.12676	0.606072	1.429145	0.972695	0.145756	0.667045	0.68577	877.128	5.470251	901.1922	5.810775	961.5735	14.46421	961.5735	14.46421	91.21799
072920BK-01-195	619.4294	7065.512	2.166326	18.0961	2.088837	0.500737	3.329492	0.067753	0.657925	0.197605	422.602	2.691227	412.201	11.28056	355.3526	73.70202	422.602	2.691227	118.9247
072920BK-01-196	51.34158	817.9209	3.033302	12.71551	11.84366	0.82071	14.95611	0.096635	1.134338	0.075844	594.6602	6.443686	608.4442	68.55775	661.0594	321.2414	594.6602	6.443686	89.95564
072920BK-01-197	1111.892	1959.935	0.800606	19.20451	1.723152	0.214616	6.119273	0.034602	0.725267	0.118522	219.2888	1.563683	197.4188	10.97917	NA	NA	219.2888	1.563683	
072920BK-01-198	369.7691	30861.47	4.062968	7.70367	0.682563	6.86071	0.995561	0.380647	0.667674	0.670651	2079.306	11.86651	2093.595	8.822994	2108.422	12.95648	2108.422	12.95648	98.61907
072920BK-01-199	888.609	10202.8	22.12274	18.0367	2.536947	0.349294	3.448806	0.046274	0.756939	0.219478	291.6042	2.158086	304.19	9.065565	402.8292	75.37129	291.6042	2.158086	72.38903
072920BK-01-200	277.1607	10855.93	0.820089	8.143582	0.775378	6.23111	1.164342	0.365888	0.767342	0.659034	2010.024	13.25076	2008.826	10.18792	2008.351	15.54113	2008.351	15.54113	100.0833
072920BK-01-201	146.9783	7799.117	2.507056	10.48693	1.584121	3.53279	2.335495	0.26949	0.664096	0.284349	1538.214	9.087891	1534.587	18.48456	1530.393	42.16931	1530.393	42.16931	100.5111
072920BK-01-202	713.8769	9169.615	4.201125	17.58283	1.911569	0.562979	3.257657	0.072694	0.966391	0.296652	452.3674	4.221777	453.4636	11.91501	460.0025	69.01811	452.3674	4.221777	98.3402
072920BK-01-203	97.87092	1716.458	7.742817	11.36259	8.781188	0.916903	12.4905	0.082046	1.572769	0.125917	508.324	7.687683	660.7207	60.7366	1223.545	244.3395	508.324	7.687683	41.54518
072920BK-01-204	76.92576	996.123	2.624827	13.30527	5.532477	0.852939	6.816567	0.100647	1.651779	0.242318	618.2013	9.736985	626.2608	31.87095	656.4024	141.9886	618.2013	9.736985	94.18023
072920BK-01-205	473.8075	8011.722	4.630044	16.28263	1.799265	0.819641	2.675457	0.098669	0.842008	0.314716	606.604	4.874708	607.8482	12.23733	613.4073	54.85847	606.604	4.874708	98.89091
072920BK-01-206	295.0178	5616.607	2.08218	15.89024	3.145189	0.870527	3.90121	0.103495	0.850816	0.21809	634.8612	5.144043	635.8532	18.43721	640.3381	81.90578	634.8612	5.144043	99.14469
072920BK-01-207	31.0464	3235.183	1.834769	4.882941	2.522077	14.72185	3.277742	0.525148	1.062585	0.324182	2720.977	23.58597	2797.432	31.17453	2853.727	50.49595	2853.727	50.49595	95.34818
072920BK-01-208	193.1341	22114.16	2.132509	4.498156	0.671869	18.45142	0.963709	0.596916	0.660117	0.684975	3017.401	15.90636	3013.576	9.28253	3011.713	11.2773	3011.713	11.2773	100.1889
072920BK-01-209	167.0349	5701.386	2.117273	10.69288	1.260955	2.930014	2.300407	0.230836	0.698382	0.303591	1338.882	8.443362	1389.697	17.41617	1469.402	41.61756	1469.402	41.61756	91.11745
072920BK-01-210	198.8691	9327.305	4.091991	11.85179	1.748461	2.540045	1.933218	0.219942	0.682421	0.352997	1281.567	7.931206	1283.586	14.08547	1287.797	35.21398	1287.797	35.21398	99.51624
072920BK-01-211	186.4488	2251.73	14.01286	14.88846	8.329447	0.5481	9.480192	0.064937	1.060638	0.111879	405.582	4.169227	443.751	34.09344	647.7851	202.7577	405.582	4.169227	62.61058
072920BK-01-212	1079.112	54127.61	10.36442	11.86761	0.695458	2.40321	1.11265	0.205179	0.845339	0.759753	1203.079	9.277474	1243.559	7.978113	1315.202	14.02999	1315.202	14.02999	91.4749
072920BK-01-213	148.4692	1705.644	1.79159	14.16237	3.681316	0.427669	13.2784	0.049366	1.434461	0.10803	310.6297	4.350211	361.52	40.40964	703.4322	282.0791	310.6297	4.350211	44.15916
072920BK-01-214	146.1748	1658.287	2.876164	14.36161	5.199657	0.575676	9.367162	0.067792	1.618551	0.17279	422.8405	6.624265	461.6791	34.76314	660.7684	198.1398	422.8405	6.624265	63.99224
072920BK-01-215	764.8486	14586.46	3.060002	16.20618	1.293532	0.892011	1.894257	0.105372	0.683375	0.360762	645.8125	4.199459	647.4493	9.068324	654.0919	37.92261	645.8125	4.199459	98.73422
072920BK-01-216	221.4069	2746.593	4.050991	13.85319	2.152806	1.454456	3.457778	0.155254	0.841758	0.243439	930.3484	7.292414	911.7175	20.80813	867.7758	69.53792	930.3484	7.292414	107.2107
072920BK-01-217	147.6914	1497.5	1.878074	15.73445	4.35444	0.680315	18.28212	0.090197	1.05707	0.05782	556.7024	5.637794	526.9649	75.29582	401.0856	411.9132	556.7024	5.637794	138.7989
072920BK-01-218	244.1841	2051.32	3.183301	15.43489	3.237199	0.795168	6.142417	0.098302	0.818375	0.133233	604.4486	4.721826	594.0995	27.63315	555.7458	132.9151	604.4486	4.721826	108.7635
072920BK-01-219	485.0403	2211.32	5.009994	17.11875	2.679254	0.49144	4.939237	0.067691	0.804123	0.162803	422.2305	3.286447	405.8912	16.52695	314.9301	110.8928	422.2305	3.286447	134.0712
072920BK-01-220	187.2008	3289.263	5.91681	13.16203	2.487307	1.853965	4.737508	0.184625	0.88009	0.185771	1092.192	8.84209	1064.841	31.25863	1010.086	94.42395	1010.086	94.42395	108.1286
072920BK-01-221	309.1097	6352.193	3.35353	11.92766	1.065657	2.488481	2.33963	0.217232	0.824558	0.352431	1267.232	9.486151	1268.687	16.94788	1271.984	42.70628	1271.984	42.70628	99.62637
072920BK-01-222	1025.692	1687.505	5.804101	16.46939	2.055266	0.534698	9.562226	0.073291	0.799077	0.083566	455.9544	3.517562	434.9224	33.84037	326.0251	216.7397	455.9544	3.517562	139.8525
072920BK-01-223	90.9754	2074.58	2.070604	15.24844	4.19527	0.806577	5.81245	0.098216	1.334428	0.229581	603.9454	7.693217	600.5318	26.35578	588.6242	122.7985	603.9454	7.693217	102.6029
072920BK-01-224	211.9482	3465.491	1.260298	16.32401	3.570034	0.779297	6.990475	0.097427	0.816679	0.116827	599.3134	4.673843	585.0824	31.09761	531.2102	152.2562	599.3134	4.673843	112.8204
072920BK-01-225	639.0899	14658.2	6.971033	16.6966	1.706232	0.761696	2.649944	0.092401	1.860948	0.702259	569.7206	10.14721	574.9879	11.63419	596.7843	40.87052	569.7206	10.14721	95.46507
072920BK-01-226	319.4651	25428.77	2.684391	7.973426	0.709258	6.533966	0.909205	0.373241	0.555234	0.610681	2044.632	9.728311	2050.487	8.006709	2057.131	12.70752	2057.131	12.70752	99.3924
072920BK-01-227	359.6331	4894.279	2.413131	16.77522	5.774085	0.434061	6.356162	0.054677	0.700589	0.110222	343.1741	2.341366	366.056	19.53717	514.6017	138.9118	343.1741	2.341366	66.68734
072920BK-01-228	520.6433	1291.283	1.072187	16.33052	1.730541	0.560715	16.8833	0.080203	1.052407	0.062334	497.3346	5.037178	451.9914	61.66505	228.4606	NA	497.3346	5.037178	217.6894
072920BK-01-229	301.5471	4412.785	5.504724	16.92111	3.007962	0.632936	4.408483	0.081053	1.064379	0.241439	502.4072	5.144445	497.9234	17.3521	478.3032	94.61542	502.4072	5.144445	105.0395
072920BK-01-230	318.5417	15924.14	3.320985	13.19436	1.387349	1.86928	1.706225	0.178335	0.755602	0.44285	1057.874	7.371911	1070.276	11.28718	1096.511	30.60255	1096.511	30.60255	96.47634
072920BK-01-231	205.2793	7316.984	4.54353	12.52794	1.892704	2.122852	2.282387	0.194752	0.798477	0.349843	1147.065	8.390437	1156.264	15.75514	1174.427	42.2967	1174.427	42.2967	97.67019
072920BK-01-232	795.5043	16512.27	36.19824	16.98666	1.208264	0.680618	1.967577	0.083865	0.701562	0.356561	519.1516	3.49937	527.1479	8.091058	562.8533	40.052	519.1516	3.49937	92.23568
072920BK-01-233	36.34178	3095.826	4.183819	9.481587	4.251824	4.488073	5.905188	0.317374	0.997023	0.168838	1776.892	15.48412	1728.768	49.07289	1671.787	107.6969	1671.787	107.6969	106.287
072920BK-01-234	80.19334	5210.387	1.690972	8.304874	1.676525	5.666546	2.191939	0.344699	1.008475	0.460084	1909.234	16.66476	1926.285	18.92022	1945.446	34.79596	1945.446	34.79596	98.13865
072920BK-01-235	615.6457	7287.925	12.33729	17.57607	2.721536	0.449559	2.969283	0.058705	0.77795	0.261999	367.7479	2.780823	376.9703	9.350707	434.9789	63.82684	367.7479	2.780823	84.54385
072920BK-01-236	102.6928	6377.715	2.456676	10.55358	3.457319	3.444949	3.715338	0.266737	0.68843	0.185294	1524.219	9.344911	1514.716	29.24585	1502.264	69.03268	1502.264	69.03268	101.4615
072920BK-01-237	114.0847	2225.455	2.882879	14.98997	4.704657	0.780853	6.592844	0.092918	1.164998	0.176706	572.7701	6.384908	585.97	29.3606	638.4051	139.7173	572.7701	6.384908	89.71891
072920BK-01-238	69.57534	11551.57	4.653232	7.425662	1.546581	7.480068	1.83738	0.402118	0.700443	0.381218	2178.784	12.94972	2170.603	16.45785	2163.621	29.62186	2163.621	29.62186	100.7008
072920BK-01-239	65.70036	7969.735	3.85197	7.566859	1.642145	7.35354	1.906752	0.404481	0.830944	0.43579	2189.641	15.42671	2155.339	17.04476	2123.563	30.06135	2123.563	30.06135	103.1116
072920BK-01-240	101.3961	3994.319	4.528611	11.53084	3.27632	2.685412	3.855066	0.231684	0.679625	0.176294	1343.32	8.241095	1324.448	28.52994	1294.877	73.82428	1294.877	73.82428	103.7412
072920BK-01-241	102.7884	2484.283	2.61684	16.00577	4.894566	0.756441	10.41539	0.095899	1.078106	0.103511	590.331	6.081683	571.9545	45.57623	500.5525	228.6525	590.331	6.081683	117.9359
072920BK-01-242	448.5951	7467.87	3.689217	16.7338	2.553562	0.688681	3.004512	0.08567	0.731659	0.24352	529.8796	3.721852	532.0076	12.44217	542.0982	63.72413	529.8796	3.721852	97.74605
072920BK-01-243	558.3954	10057.68	12.70061	17.59382	1.998854	0.495719	2.464499	0.064382	0.779537	0.316306	402.2173	3.039618	408.8002	8.293801	447.0972	51.9618	402.2173	3.039618	89.96193
072920BK-01-244	1145.13	19204.56	9.743358	17.07957	1.099927	0.606812	1.60443	0.075531	1.097398	0.68398	469.3953	4.968068	481.5473	6.152405	540.7807	25.61709	469.3953	4.968068	86.79956
072920BK-01-245	324.6311	10310.89	35.99037	12.88308	1.176749	1.897575	2.213618	0.179032	0.871262	0.393592	1061.686	8.528508	1080.24	14.72066	1118.749	40.60018	1118.749	40.60018	94.8994
072920BK-01-246	93.46292	2852.669	3.228484	14.09477	5.669469	0.887195	6.484694	0.096763	1.163501	0.179423	595.4115	6.617318	644.8615	30.96396	823.0166	133.3047	595.4115	6.617318	72.34501
072920BK-01-247	362.2198	6159.503	8.680696	16.65271	3.199042	0.510224	3.931798	0.063576	0.714683	0.18177	397.3383	2.753965	418.5997	13.48858	538.4599	84.59088	397.3383	2.753965	73.79163
072920BK-01-248	213.9612	3383.337	5.286268	16.02903	5.806301	0.506719	8.716559	0.062581	0.985164	0.113022	391.3004	3.740283	416.2402	29.77379	557.8838	189.1662	391.3004	3.740283	70.14013
072920BK-01-249	723.9469	8758.547	51.54805	17.88722	1.58642	0.49725	1.965378	0.065695	0.77322	0.39342	410.1659	3.072694	409.8391	6.627695	408.9502	40.42437	410.1659	3.072694	100.2973
072920BK-01-250	96.98672	1830.14	2.446523	13.59339	8.187144	0.714845	9.226604	0.07796	1.798563	0.194932	483.9368	8.385231	547.6189	39.07266	823.1532	189.2566	483.9368	8.385231	58.79061
072920BK-01-251	518.8346	77174.99	3.334409	5.765688	0.6792	10.82061	1.13223	0.447484	0.903689	0.79815	2384.056	18.0095	2507.839	10.52427	2610.343	11.3606	2610.343	11.3606	91.33115
072920BK-01-252	221.8818	231.5001	4.171819	13.63647	5.558757	0.051298	331.047	0.056074	1.023717	0.003092	351.7025	3.503984	50.79555	165.4697	NA	NA	351.7025	3.503984	
072920BK-01-253	752.1725	15552.56	401.0516	16.81872	1.54861	0.739323	1.815973	0.090302	0.76217	0.419703	557.3241	4.069316	562.0105	7.837941	581.9757	35.79734	557.3241	4.069316	95.76416
072920BK-01-254	154.1416	1886.645	6.238692	11.77579	2.084607	2.21326	8.745974	0.204355	1.472539	0.168368	1198.672	16.10705	1185.243	61.24221	1161.664	171.1926	1161.664	171.1926	103.1857
072920BK-01-255	146.3922	9232.755	4.050894	8.978809	1.323179	4.936945	1.612575	0.3211	0.736609	0.456791	1795.097	11.54145	1808.595	13.61668	1824.958	26.02077	1824.958	26.02077	98.36379
072920BK-01-256	333.2446	13486.84	16.08823	12.74414	1.130394	2.069164	1.636975	0.191055	0.688988	0.420891	1127.086	7.124532	1138.656	11.20636	1161.615	29.43924	1161.615	29.43924	97.02749
072920BK-01-257	582.8655	14856.66	6.412133	13.70447	0.852651	1.764903	1.663116	0.175151	0.646052	0.388459	1040.429	6.207332	1032.65	10.77978	1017.075	31.06187	1017.075	31.06187	102.2962
072920BK-01-258	208.8849	3287.689	12.66422	15.72932	4.989692	0.668782	7.442993	0.08097	1.176413	0.158056	501.907	5.680496	519.9716	30.29642	601.06	159.2875	501.907	5.680496	83.50364
072920BK-01-259	324.5525	26365.21	4.968022	9.396335	0.771282	4.549029	1.127176	0.307679	0.735601	0.652605	1729.274	11.15725	1739.984	9.382867	1753.66	15.62744	1753.66	15.62744	98.60943
072920BK-01-260	110.0228	1892.388	2.525825	13.68709	9.44237	0.559963	10.74208	0.06128	1.276311	0.118814	383.4047	4.750758	451.5024	39.17225	815.9553	223.5258	383.4047	4.750758	46.98845
072920BK-01-261	287.5399	1474.5	20.97009	16.25962	4.822107	0.441018	6.194323	0.061258	3.018677	0.48733	383.2744	11.2326	370.9704	19.25143	295.8002	123.5314	383.2744	11.2326	129.5721
072920BK-01-262	760.4013	14913.17	61.52668	18.35809	1.954361	0.482311	2.132135	0.064587	0.702643	0.329549	403.4586	2.747985	399.657	7.044322	378.6906	45.26514	403.4586	2.747985	106.5404

072920BK-01-263	87.48271	11322.88	2.675386	7.059986	1.392224	8.310271	1.659535	0.424974	0.734788	0.442767	2283.022	14.12656	2265.44	15.04184	2250.341	25.70352	2250.341	25.70352	101.4523
072920BK-01-264	1071.715	14290.11	0.9692	10.84718	0.712788	3.153987	1.091516	0.248302	0.74893	0.686138	1429.715	9.60331	1445.975	8.415202	1470.774	15.07268	1470.774	15.07268	97.20835
072920BK-01-265	256.2101	9579.992	4.033281	15.58492	4.150698	0.969261	4.546783	0.111085	0.844551	0.185747	679.0466	5.443181	688.0826	22.7271	718.6405	94.91206	679.0466	5.443181	94.49043
072920BK-01-266	836.5286	7890.272	6.210317	16.24445	1.151976	0.790961	1.721836	0.095105	0.73551	0.427166	585.6585	4.117696	591.7171	7.721452	615.9382	33.60154	585.6585	4.117696	95.08397
072920BK-01-267	1292.526	6828.479	1.613301	16.11698	1.274447	0.553102	3.540888	0.066283	0.838931	0.236927	413.7206	3.3618	447.027	12.80474	623.1648	74.23369	413.7206	3.3618	66.39024
072920BK-01-268	242.5889	27270.74	5.177811	4.823552	0.72288	16.30713	1.044852	0.565138	0.747464	0.715378	2887.826	17.39848	2894.978	9.996578	2900.649	11.83915	2900.649	11.83915	99.55794
072920BK-01-269	54.90176	2627.51	4.913691	10.97552	4.832645	2.710754	5.350044	0.226802	1.200972	0.224479	1317.717	14.31279	1331.406	39.7042	1354.313	100.5983	1354.313	100.5983	97.29783
072920BK-01-270	280.5039	28270.58	1.883623	7.109693	0.741517	7.945792	1.064337	0.406781	0.755952	0.710256	2200.189	14.09118	2224.89	9.599321	2248.447	12.94658	2248.447	12.94658	97.8537
072920BK-01-271	150.5849	12128.44	2.867564	5.590869	0.837509	12.46202	1.131628	0.502882	0.722724	0.638658	2626.168	15.58951	2639.866	10.63721	2651.091	14.44307	2651.091	14.44307	99.0599
072920BK-01-272	189.5005	8598.607	0.636181	13.14397	1.744128	1.836565	2.74787	0.17881	0.780995	0.284218	1060.469	7.636851	1058.632	18.06698	1055.743	53.06375	1055.743	53.06375	100.4477
072920BK-01-273	426.5743	47174.86	14.8402	8.000992	0.705302	6.374856	0.993302	0.370436	0.687422	0.692057	2031.451	11.97833	2028.813	8.718443	2026.887	12.69683	2026.887	12.69683	100.2252
072920BK-01-274	673.9763	14435.01	3.132953	17.14012	2.346674	0.608879	2.646279	0.076953	0.922466	0.34859	477.911	4.249114	482.8531	10.16922	507.3214	54.55757	477.911	4.249114	94.20279
072920BK-01-275	97.89697	6502.608	1.557886	9.502715	1.552097	4.18361	2.224244	0.293961	0.796192	0.357961	1661.295	11.66019	1670.815	18.22963	1683.582	38.34257	1683.582	38.34257	98.67623
072920BK-01-276	429.3614	7338.082	1.335065	16.52675	2.579471	0.740165	3.432426	0.091532	0.959439	0.279522	564.5884	5.186447	562.502	14.82519	555.0007	71.89147	564.5884	5.186447	101.7275
072920BK-01-277	159.7446	4757.592	0.609951	15.45863	3.067066	0.857122	4.317216	0.101065	0.967153	0.224022	620.6477	5.72271	628.5506	20.23454	658.019	90.23557	620.6477	5.72271	94.32063
072920BK-01-278	86.36343	4193.167	6.653279	11.22043	3.469583	2.871484	6.930222	0.243331	5.923839	0.854783	1403.993	74.73986	1374.461	52.23829	1329.693	69.62779	1329.693	69.62779	105.5878
072920BK-01-279	111.4355	988.331	3.030776	13.351	11.46303	0.485601	15.93895	0.0586	1.37332	0.086161	367.1032	4.90064	401.9081	52.94931	608.1417	345.31	367.1032	4.90064	60.36475
072920BK-01-280	396.0263	5245.02	3.555983	9.121886	0.697945	4.633129	1.158595	0.314672	0.690649	0.596109	1763.657	10.65656	1755.257	9.676081	1746.05	17.03774	1746.05	17.03774	101.0084
072920BK-01-281	132.2283	6411.508	2.171823	9.644185	1.383648	4.214246	2.499391	0.301357	0.679375	0.271816	1698.035	10.14175	1676.798	20.51406	1651.115	44.59242	1651.115	44.59242	102.8418
072920BK-01-282	103.4182	5384.003	1.095026	11.38795	4.745711	2.468095	5.379191	0.209553	2.385142	0.443402	1226.437	26.63816	1262.736	38.88929	1325.944	93.39293	1325.944	93.39293	92.49543
072920BK-01-283	172.3662	8619.819	3.15767	10.42308	1.415059	3.473176	1.845088	0.266359	0.808375	0.438123	1522.296	10.96081	1521.144	14.54747	1520.343	31.27585	1520.343	31.27585	100.1285
072920BK-01-284	309.5408	3471.662	2.360621	17.30122	3.612278	0.511392	4.193934	0.069034	0.710995	0.169529	430.3323	2.959755	419.3845	14.40978	360.5713	93.30374	430.3323	2.959755	119.3474
072920BK-01-285	687.1391	8826.754	29.9121	17.5191	2.315474	0.4687	2.82215	0.061175	1.349413	0.478151	382.7643	5.014723	390.2908	9.145002	436.0907	55.21639	382.7643	5.014723	87.77173
072920BK-01-286	713.8838	4188.429	5.140859	18.3265	2.447252	0.392556	6.511567	0.055551	0.744229	0.114293	348.5123	2.524865	336.2349	18.64031	253.1817	148.8927	348.5123	2.524865	137.6531
072920BK-01-287	79.39958	1145.526	4.577352	12.97378	7.561951	0.705674	14.75705	0.078755	2.034416	0.137861	488.6892	9.574483	542.1742	62.06944	774.7926	309.0317	488.6892	9.574483	63.07355
072920BK-01-288	264.5006	5930.956	0.664203	15.20262	3.348256	0.936234	4.919324	0.106396	0.783703	0.159311	651.7838	4.858308	670.9091	24.15704	736.6145	102.8592	651.7838	4.858308	88.4837
072920BK-01-289	668.5528	21697.34	33.82747	13.66151	0.723996	1.633773	1.065618	0.162752	0.672133	0.630745	972.0541	6.064763	983.3146	6.711986	1009.403	16.76898	1009.403	16.76898	96.29993
072920BK-01-290	266.59	9042.584	3.284519	12.54508	2.070982	2.089603	2.412741	0.192493	0.796115	0.329963	1134.863	8.284233	1145.395	16.57068	1166.237	45.12652	1166.237	45.12652	97.30983
072920BK-01-291	117.123	2920.344	1.350739	14.19738	5.511145	1.057838	6.798012	0.115916	1.183539	0.174101	707.014	7.925244	732.757	35.49741	813.2334	140.0988	707.014	7.925244	86.93864
072920BK-01-292	535.1236	16163.41	4.162909	13.34459	0.810399	1.753752	1.127929	0.170002	0.748309	0.663436	1012.121	7.009169	1028.547	7.293947	1064.544	16.9643	1064.544	16.9643	95.07555
072920BK-01-293	174.9134	2952.114	1.355602	13.39948	7.545694	0.642934	9.387409	0.066142	1.168772	0.124504	412.8719	4.674248	504.121	37.31791	943.8374	191.1915	412.8719	4.674248	43.74397
072920BK-01-294	299.2857	7064.942	2.031991	16.035	2.762579	0.829038	3.20827	0.098673	0.755934	0.23562	606.6295	4.376564	613.0782	14.76669	637.9296	67.10486	606.6295	4.376564	95.09348
072920BK-01-295	176.3846	13875.11	4.315958	9.294296	0.986608	4.499247	1.50604	0.302871	0.712097	0.472828	1705.529	10.67122	1730.833	12.51195	1762.34	24.25586	1762.34	24.25586	96.77638
072920BK-01-296	280.2729	5623.909	2.379204	17.62029	3.525707	0.564955	4.29228	0.074864	0.870057	0.202703	465.3912	3.906461	454.7468	15.73494	402.248	94.16957	465.3912	3.906461	115.6976
072920BK-01-297	113.4981	1404.01	1.363532	14.54264	6.191275	0.775791	8.321153	0.095284	0.943869	0.11343	586.7106	5.293252	583.0794	36.92815	569.9304	180.1836	586.7106	5.293252	102.9443
072920BK-01-298	450.9558	22792.08	1.703703	9.661065	0.761484	3.483055	1.306895	0.242907	1.006662	0.77027	1401.79	12.68246	1523.384	10.31031	1697.427	15.35789	1697.427	15.35789	82.58327
072920BK-01-299	79.98092	1147.784	1.42267	13.33663	10.60357	0.753553	15.72569	0.08627	1.38793	0.088259	533.4377	7.105694	570.2836	68.72214	720.942	334.3437	533.4377	7.105694	73.99176
072920BK-01-300	223.2368	4560.212	0.8403	15.53686	3.571724	0.873465	3.865374	0.102053	0.838922	0.217035	626.429	5.007984	637.447	18.30073	677.6283	80.67072	626.429	5.007984	92.44434
072920BK-01-301	96.59752	6827.701	2.230295	9.284833	1.825696	4.394162	2.436765	0.297209	1.08333	0.444577	1677.456	16.00045	1711.243	20.15825	1753.627	39.94411	1753.627	39.94411	95.65636
072920BK-01-302	127.0661	3433.234	1.454287	14.9007	6.681583	0.907335	7.879128	0.103118	0.960317	0.121881	632.656	5.786894	655.6397	38.07607	736.4891	165.7668	632.656	5.786894	85.90161
072920BK-01-303	483.125	41887.61	3.807625	9.019942	0.570578	5.088375	0.837329	0.329104	0.600408	0.717052	1834.039	9.58384	1834.169	7.105767	1835.089	10.57393	1835.089	10.57393	99.94275
072920BK-01-304	117.2609	5179.417	2.558674	12.28799	2.027195	2.330419	3.163909	0.211519	0.666356	0.210612	1236.905	7.499702	1221.605	22.48329	1195.528	61.04477	1195.528	61.04477	103.461
072920BK-01-305	207.4358	2490.991	3.214556	15.84286	3.61483	0.731563	6.865915	0.09113	1.839845	0.267968	562.2159	9.905676	557.4704	29.46211	539.0716	144.8591	562.2159	9.905676	104.2934
072920BK-01-306	181.583	3240.214	4.06936	14.99418	4.200809	0.598684	4.776887	0.06865	1.258235	0.263401	428.0198	5.2106	476.3979	18.16586	717.5141	97.918	428.0198	5.2106	59.65316
072920BK-01-307	125.2409	3756.404	3.57451	13.56806	3.399541	1.724064	4.383804	0.176015	1.727288	0.394016	1045.169	16.66562	1017.541	28.1792	959.4295	82.35784	959.4295	82.35784	108.9365
072920BK-01-308	304.3123	3983.774	2.786196	17.51479	3.244647	0.495983	6.452343	0.066168	0.991168	0.153614	413.0298	3.965428	408.9796	21.7247	387.1349	143.3186	413.0298	3.965428	106.6888
072920BK-01-309	620.6473	6882.035	103.6047	18.67157	1.946083	0.446642	2.420012	0.061976	0.629029	0.259928	387.6293	2.366439	374.9248	7.586715	298.1634	53.3249	387.6293	2.366439	130.0057
072920BK-01-310	86.55305	2159.339	2.496401	14.87249	5.117719	0.90495	8.629087	0.106674	1.003313	0.116271	653.4003	6.23436	654.3693	41.64656	658.6251	184.069	653.4003	6.23436	99.2067
072920BK-01-311	236.2246	3528.554	3.302083	16.26101	4.159584	0.533712	5.40198	0.06638	0.773077	0.14311	414.3115	3.102189	434.2701	19.08961	542.4993	116.9573	414.3115	3.102189	76.37089
072920BK-01-312	86.81911	1737.379	4.811419	15.15975	6.102524	0.782717	8.975868	0.096962	1.1889	0.132455	596.5808	6.774445	587.0319	40.03627	551.2244	194.5601	596.5808	6.774445	108.2283
072920BK-01-313	1194.007	15358.01	12.48915	17.96931	0.985491	0.565333	1.3608	0.073784	0.707094	0.519617	458.9147	3.132149	454.9916	4.990283	436.1693	25.8872	458.9147	3.132149	105.2148
072920BK-01-314	621.7331	8055.427	3.400922	18.5054	3.026428	0.350836	3.492295	0.047964	0.782867	0.22417	302.0103	2.309811	305.3495	9.209879	331.9343	77.19234	302.0103	2.309811	90.98496
072920BK-01-315	218.3961	2537.031	1.364006	16.18564	4.987816	0.388252	6.314673	0.049462	1.169998	0.185282	311.2181	3.554747	333.0918	17.93376	489.758	136.9841	311.2181	3.554747	63.54528
072920BK-01-316	35.15432	1963.392	3.681777	10.92526	6.200437	2.821047	7.330486	0.238655	1.732945	0.236403	1379.702	21.52411	1361.146	55.00665	1332.949	137.9423	1332.949	137.9423	103.5075
072920BK-01-317	541.6639	7747.299	29.70367	17.82969	2.535178	0.505933	3.516958	0.066639	0.700664	0.199225	415.8754	2.821889	415.7106	11.99788	415.7482	77.02936	415.8754	2.821889	100.0306
072920BK-01-318	264.2812	4281.38	3.832669	16.8603	3.845261	0.738489	4.896666	0.094527	0.72508	0.148076	582.2536	4.036755	561.5236	21.12347	479.3236	107.0938	582.2536	4.036755	121.474
072920BK-01-319	332.9373	4714.833	3.474463	16.79135	3.137234	0.577335	4.132851	0.072992	0.779627	0.188641	454.1581	3.418893	462.7473	15.3609	506.5616	89.32884	454.1581	3.418893	89.65505
072920BK-01-320	71.09549	1574.241	2.57218	14.85125	13.05906	0.71898	14.76345	0.088325	1.69826	0.115031	545.6257	8.884836	550.0644	62.7793	569.457	320.7131	545.6257	8.884836	95.81509
072920BK-01-321	317.103	4489.048	7.935682	17.7556	4.242948	0.475176	5.213037	0.06393	0.764833	0.146715	399.4841	2.962642	394.7579	17.05188	368.129	116.2726	399.4841	2.962642	108.5174
072920BK-01-322	218.181	16866.22	4.154714	8.49597	0.755495	5.745259	1.146335	0.351481	0.680371	0.593519	1941.666	11.40661	1938.204	9.914392	1935.267	16.5137	1935.267	16.5137	100.3306
072920BK-01-323	146.3257	8097.507	1.77811	7.984056	1.020057	6.428092	1.459777	0.371877	0.646202	0.442672	2038.227	11.292	2036.116	12.82757	2034.735	23.16081	2034.735	23.16081	100.1716
072920BK-01-324	64.99139	1072.1	2.926746	13.21771	7.833298	0.939252	9.050748	0.108001	1.002517	0.110766	661.1282	6.299382	672.4906	44.53902	711.6856	191.5392	661.1282	6.299382	92.89611
072920BK-01-325	226.5774	17660.32	5.085531	7.523758	0.728815	7.020173	1.008272	0.379834	0.692274	0.686594	2075.51	12.28468	2113.987	8.961547	2152.376	12.79835	2152.376	12.79835	96.42877
072920BK-01-326	260.2791	7262.317	5.956904	11.13786	1.558739	2.899385	2.121203	0.235987	0.690146	0.325356	1365.798	8.494404	1381.752	16.01614	1407.301	38.40532	1407.301	38.40532	97.05093
072920BK-01-327	150.9567	4477.763	2.343249	13.07808	2.665991	1.846507	3.04092	0.180179	0.819637	0.269536	1067.953	8.066714	1062.185	20.03226	1051.249	59.01106	1051.249	59.01106	101.5889
072920BK-01-328	325.1324	1260.566	3.411744	14.33319	2.530833	0.768456	9.448578	0.094551	8.209212	0.86883	582.3971	45.71489	578.8766	41.7124	566.0541	101.9276	582.3971	45.71489	102.8872
072920BK-01-329	33.34819	532.3886	2.575468	9.469454	15.69087	0.949283	23.11023	0.086088	3.122239	0.135102	532.3577	15.9537	677.729	114.7621	1197.244	457.5037	532.3577	15.9537	44.46527
072920BK-01-330	581.8629	6073.091	1.810281	17.6033	2.363363	0.472375	4.312392	0.062238	0.914453	0.212052	389.2215	3.453929	392.8283	14.04897	415.0662	94.20067	389.2215	3.453929	93.77334
072920BK-01-331	192.8998	4364.145	21.10497	12.71714	1.376285	2.071348	1.755566	0.196962	0.762798	0.434502	1158.98	8.091525	1139.378	12.02241	1103.122	31.60003	1103.122	31.60003	105.0637
072920BK-01-332	249.0647	2729.336	3.897454	16.69429	3.805652	0.460392	4.736937	0.060492	1.071535	0.226208	378.619	3.940192	384.5305	15.16415	421.2158	103.0292	378.619	3.940192	89.88718
072920BK-01-333	287.4439	9961.024	7.248344	12.2238	1.419957	2.348658	1.904143	0.210081	0.740033	0.388644	1229.248	8.282119	1227.151	13.56139	1224.304	34.46798	1224.304	34.46798	100.4039
072920BK-01-334	148.5365	2064.521	3.200223	16.19133	5.432332	0.730093	12.2641	0.096192	0.709468	0.057849	592.0513	4.013299	556.6078	52.5972	415.1157	274.4989	592.0513	4.013299	142.6232
072920BK-01-335	267.519	4375.635	1.963432	18.14742	2.760031	0.499639	4.90558	0.069573	0.858973	0.175101	433.5824	3.601867	411.4582	16.59697	290.1577	110.4006	433.5824	3.601867	149.4299
072920BK-01-336	149.2771	1963.698	3.33323	15.73745	3.778544	0.663713	5.365973	0.085219	0.845487	0.157565	527.1975	4.279992	516.8827	21.73936	472.5244	117.3311	527.1975	4.279992	111.5704
072920BK-01-337	174.5603	1761.739	4.186249	17.58968	3.103288	0.436699	15.74695	0.064884	1.021981	0.0649	405.2573	4.014154	367.9225	48.63794	139.9451	NA	405.2573	4.014154	289.5831
072920BK-01-338	70.61118	6910.163	1.712596	5.244137	0.802858	14.0901	1.099273	0.537399	0.663122	0.603237	2772.552	14.94248	2755.789	10.42252	2744.234	14.41552	2744.234	14.41552	101.0319
072920BK-01-339	138.2955	962.6801	1.80713	16.66346	3.825366	0.622311	15.99753	0.099771	1.00575	0.062869	613.0647	5.881782	491.2948	62.38816	NA	NA	613.0647	5.881782	
072920BK-01-340	231.2154	7007.81	5.36577	11.0433	0.923272	3.221297	2.316754	0.260616	0.839278	0.362265	1492.994	11.18519	1462.296	17.95312	1418.799	41.28239	1418.799	41.28239	105.2294
072920BK-01-341	247.0128	2213.394	4.262618	16.52224	2.231318	0.725136	5.969469	0.096333	1.24711	0.208915	592.8853	7.064108	553.6945	25.48314	396.5701	130.9988	592.8853	7.064108	149.5033
072920BK-01-342	658.7679	1453.037	5.654055	12.19437	1.109256	1.867242	13.46319	0.185588	0.785998	0.058381	1097.429	7.931506	1069.554	89.25464	1014.008	273.5469	1014.008	273.5469	108.2269
072920BK-01-343	171.7074	930.2683	1.653571	16.76998	5.394417	0.366382	8.692396	0.060118	1.106145	0.127254	376.3459	4.043746	316.9687	23.67066	NA	NA	376.3459	4.043746	
072920BK-01-344	421.2955	3045.778	2.2662	16.60853	1.526213	0.729482	2.015037	0.094443	0.766211	0.380247	581.7617	4.262305	556.249	8.630218	454.1444	41.36884	581.7617	4.262305	128.1006
072920BK-01-345	107.7575	1997.795	2.557929	15.07025	6.598227	0.740124	9.654448	0.08987	0.864039	0.089496	554.7707	4.592969	562.4778	41.71823	594.7191	208.8091	554.7707	4.592969	93.28281
072920BK-01-346	250.7879	31355.43	1.724903	5.19065	0.631998	14.62424	0.918733	0.545814	0.657985	0.716187	2807.74	14.97692	2791.109	8.731815	2779.814	10.50695	2779.814	10.50695	101.0046
072920BK-01-347	232.862	3420.47	11.69934	15.62609	3.840889	0.420191	4.283005	0.050573	1.014448	0.236854	318.0414	3.148069	356.1873	12.86772	613.81	89.92998	318.0414	3.148069	51.81431
072920BK-01-348	244.3873	18263.32	4.148827	7.710336	0.614485	7.012349	0.943051	0.391029	0.678952	0.719952	2127.599	12.30356	2112.996	8.380671	2099.561	11.49415	2099.561	11.49415	101.3354
072920BK-01-349	914.7656	39353.81	3.298473	12.33732	0.607238	2.185267	1.023063	0.194762	0.760346	0.743205	1147.119	7.990099	1176.358	7.126857	1231.427	13.42903	1231.427	13.42903	93.15366
072920BK-01-350	49.98529	6876.558	2.240684	4.886231	0.982318	16.21205	1.470735	0.575693	0.735525	0.500107	2931.154	17.32352	2889.384	14.06687	2861.098	20.72556	2861.098	20.72556	102.4486
072920BK-01-351	391.5175	25092.25	15.67739	10.62004	0.809829	3.371231	1.130662	0.259578	0.678163	0.599792	1487.68	9.009372	1497.735	8.854389	1512.799	17.07563	1512.799	17.07563	98.33958
072920BK-01-352	281.5949	3344.606	3.581415	16.45243	4.799898	0.45922	5.794454	0.05875	1.106299	0.190924	368.0206	3.957372	383.7155	18.51786	480.4531	125.7646	368.0206	3.957372	76.59865
072920BK-01-353	681.173	34653.74	4.321675	10.70999	0.668597	3.252039	0.993025	0.25345	0.712224	0.717226	1456.245	9.283689	1469.664	7.711824	1489.91	13.10157	1489.91	13.10157	97.74046
072920BK-01-354	432.8886	5757.468	24.64649	17.17293	3.127097	0.525962	4.47465	0.068418	0.887504	0.19834	426.6192	3.663696	429.1263	15.66153	443.5584	97.56136	426.6192	3.663696	96.18106
072920BK-01-355	414.9271	14372.34	3.064488	12.60534	1.118008	2.202291	1.372947	0.203671	0.665093	0.484427	1195.011	7.254742	1181.77	9.587615	1158.459	23.84126	1158.459	23.84126	103.1553
072920BK-01-356	212.4225	5592.551	2.107257	15.28433	2.30092	0.886055	4.100181	0.102155	0.788012	0.19219	627.0234	4.708326	644.2477	19.56109	706.0057	85.63307	627.0234	4.708326	88.8128
072920BK-01-357	345.5107	8408.683	18.78476	12.6879	1.19061	2.092545	1.779464	0.196754	0.74424	0.418238	1157.859	7.887691	1146.362	12.22641	1125.525	32.19642	1125.525	32.19642	102.8728
072920BK-01-358	114.0636	2184.851	2.957369	15.2901	6.002214	0.794384	6.640592	0.098214	0.813002	0.122429	603.9316	4.687002	593.6558	29.85912	555.5489	143.907	603.9316	4.687002	108.709
072920BK-01-359	128.3334	3963.496	1.734108	9.681694	1.546075	4.019347	2.593253	0.292543	0.671074	0.258777	1654.223	9.791143	1638.117	21.08849	1618.301	46.63505	1618.301	46.63505	102.2197
072920BK-01-360	234.0649	10564.53	4.015272	12.18376	1.030272	2.319034	1.472721	0.208675	0.725973	0.492947	1221.754	8.079777	1218.128	10.44867	1212.566	25.21486	1212.566	25.21486	100.7577
072920BK-01-361	571.5169	12344.77	32.23723	14.44578	1.213511	1.197995	1.954847	0.12765	1.417475	0.725108	774.4441	10.3438	799.6606	10.81901	871.4641	27.88277	774.4441	10.3438	88.86701
072920BK-01-362	367.442	33791.39	2.112269	9.581643	0.780236	4.22423	0.955657	0.294804	0.475957	0.498042	1665.49	6.985784	1678.74	7.846314	1696.128	15.27323	1696.128	15.27323	98.19365
072920BK-01-363	114.1807	6401.376	4.93307	9.373674	1.965134	4.372661	2.201602	0.303627	0.58797	0.267065	1709.269	8.82797	1707.187	18.19582	1705.417	39.06137	1705.417	39.06137	100.2259
072920BK-01-364	272.2454	10267.33	0.928745	16.16491	2.314073	0.909303	2.492604	0.109164	0.661404	0.265347	667.8904	4.196319	656.6868	12.05417	619.3063	51.87077	667.8904	4.196319	107.8449
072920BK-01-365	441.4176	2015.44	61.95981	14.72903	1.691748	0.710059	7.640313	0.084878	1.647948	0.215691	525.175	8.311463	544.7811	32.2233	628.5843	160.9477	525.175	8.311463	83.54885
072920BK-01-366	131.8954	1781.603	1.479983	13.97261	7.393735	0.407831	12.99089	0.046638	1.05788	0.081432	293.8459	3.038754	347.3119	38.22994	723.3222	275.7213	293.8459	3.038754	40.62449
072920BK-01-367	764.1523	10072.64	4.284149	17.28173	1.675442	0.529748	2.758399	0.068144	0.565129	0.204876	424.9662	2.324156	431.6421	9.699502	468.3726	59.80989	424.9662	2.324156	90.73252
072920BK-01-368	53.05855	2476.303	4.300781	12.54118	7.069097	1.891993	7.563431	0.185498	0.911627	0.120531	1096.941	9.195482	1078.282	50.28355	1041.616	151.7315	1041.616	151.7315	105.3115
072920BK-01-369	335.2296	9611.96	9.085397	13.4086	1.499897	1.703687	1.964992	0.16909	0.562757	0.286392	1007.098	5.246989	1009.917	12.57321	1016.9	38.15842	1016.9	38.15842	99.03611

Unit: KJf
Sample: 070819BK-01

				Isotope ratios							Apparent ages (Ma)								
Analysis	U (ppm)	206Pb 204Pb	U/Th	206Pb* 207Pb*	± (%)	207Pb* 235U	± (%)	206Pb* 238U	± (%)	error corr.	206Pb* 238U	± (Ma)	207Pb* 235U	± (Ma)	206Pb* 207Pb*	± (Ma)	Best age (Ma)	± (Ma)	Conc (%)
070819BK-01-1	99.76518	7071.253	1.668512	9.142913	1.233903	4.66401	1.513876	0.313175	0.699447	0.462024	1756.311	10.75321	1760.808	12.65838	1766.928	24.52804	1766.928	24.52804	99.39909
070819BK-01-2	121.87	9430.994	1.466285	8.854769	1.436033	4.162905	5.715508	0.269391	5.411368	0.946787	1537.709	74.03409	1666.751	46.82684	1834.122	33.33145	1834.122	33.33145	83.83896
070819BK-01-3	62.64253	4986.355	0.619917	9.970685	2.532213	3.99926	3.036322	0.295887	0.74026	0.243802	1670.881	10.89587	1634.046	24.66818	1587.752	55.04624	1587.752	55.04624	105.2357
070819BK-01-4	107.8962	8087.673	0.930017	9.902534	1.236005	4.027091	1.594357	0.292689	0.738588	0.463251	1654.953	10.78035	1639.683	12.96922	1620.949	26.29496	1620.949	26.29496	102.0978
070819BK-01-5	138.7075	16345.76	2.452535	6.206197	0.772565	10.45426	1.131975	0.47042	0.732757	0.647326	2485.401	15.11204	2475.871	10.4908	2468.777	14.5685	2468.777	14.5685	100.6734
070819BK-01-6	336.5445	3902.878	1.280988	17.50809	5.478021	0.33078	6.263434	0.044724	0.872299	0.139268	282.0509	2.407279	290.1613	15.80923	356.9521	140.1527	282.0509	2.407279	79.01644
070819BK-01-7	239.8387	3368.465	2.607843	16.11686	5.161807	0.542963	8.266425	0.067865	1.191921	0.144188	423.2773	4.883063	440.3761	29.54505	531.7339	179.4406	423.2773	4.883063	79.60322
070819BK-01-8	134.5691	10344.86	1.445646	12.13822	2.577542	2.186553	2.774151	0.194827	0.714605	0.257594	1147.469	7.511518	1176.768	19.33087	1231.928	52.59057	1231.928	52.59057	93.14412
070819BK-01-9	79.06867	10784.75	1.497108	7.720458	1.26976	6.736197	1.651538	0.379024	0.77594	0.469829	2071.721	13.74806	2077.383	14.60278	2083.75	25.65313	2083.75	25.65313	99.42274
070819BK-01-10	188.5548	11801.93	3.246596	10.92043	1.199345	3.022688	1.617351	0.24141	0.947516	0.585844	1394.023	11.87805	1413.363	12.34049	1443.446	24.97297	1443.446	24.97297	96.57601
070819BK-01-11	104.668	11781.19	0.330859	5.392994	0.70091	13.13439	1.065326	0.514872	0.764592	0.717707	2677.396	16.75223	2689.355	10.05216	2699.06	12.24827	2699.06	12.24827	99.19736
070819BK-01-12	225.9209	950.6973	3.322072	15.27135	6.621051	0.127256	18.54995	0.018387	2.197851	0.118483	117.4515	2.558036	121.629	21.26629	205.1343	NA	117.4515	2.558036	57.2559
070819BK-01-13	44.92831	5219.379	0.654328	8.98655	2.961268	4.950896	3.379271	0.329375	0.922233	0.272909	1835.351	14.73	1810.978	28.55412	1783.82	59.28053	1783.82	59.28053	102.8888
070819BK-01-14	166.0159	31638.62	1.709858	5.713891	0.837329	12.09972	1.22336	0.500986	0.886736	0.724836	2618.032	19.07932	2612.165	11.47403	2608.33	14.0363	2608.33	14.0363	100.372
070819BK-01-15	242.6778	29558.02	1.578238	8.878993	0.795867	5.143949	1.151422	0.331577	0.805207	0.699315	1846.019	12.9254	1843.395	9.788744	1841.207	14.89865	1841.207	14.89865	100.2614
070819BK-01-16	45.37161	4462.938	0.858375	8.904452	2.264659	4.988353	2.820262	0.330081	0.901254	0.319564	1838.773	14.41811	1817.349	23.85883	1793.654	48.66732	1793.654	48.66732	102.5155
070819BK-01-17	113.0318	10530.82	1.096874	8.474184	1.252694	5.590239	1.557532	0.345756	0.862668	0.553868	1914.299	14.2878	1914.596	13.41595	1915.682	23.26712	1915.682	23.26712	99.9278
070819BK-01-18	255.4848	31129.27	1.47034	6.363267	0.802328	9.591922	1.204713	0.441951	0.895194	0.743077	2359.37	17.68725	2396.397	11.078	2428.741	13.66786	2428.741	13.66786	97.14374
070819BK-01-19	275.8165	14086.94	2.371767	12.25513	1.247981	2.368726	1.642765	0.212254	0.845272	0.514542	1240.817	9.540654	1233.218	11.72935	1220.815	27.67251	1220.815	27.67251	101.6385
070819BK-01-20	41.96768	1303.598	1.318657	14.04195	9.584924	0.835019	12.35431	0.100323	1.78997	0.144886	616.3041	10.52074	616.393	57.14292	617.6385	264.7974	616.3041	10.52074	99.78394
070819BK-01-21	188.9139	10442.82	4.315497	13.39028	2.125104	1.801818	2.770234	0.177485	0.672994	0.242937	1053.222	6.539377	1046.117	18.09103	1032.17	54.31386	1032.17	54.31386	102.0396
070819BK-01-22	384.1248	24705.61	1.672787	10.82049	0.735455	3.333968	0.996314	0.262001	0.626571	0.628889	1500.071	8.385555	1489.043	7.782345	1474.18	14.69738	1474.18	14.69738	101.7563
070819BK-01-23	148.7734	1318.312	3.522785	14.6973	9.004039	0.24221	9.808559	0.030722	1.481227	0.151014	195.0637	2.846059	220.2285	19.4216	499.4245	213.979	195.0637	2.846059	39.05769
070819BK-01-24	83.60189	6483.172	0.488966	8.298651	1.327363	5.818352	1.572864	0.355099	0.664454	0.422448	1958.902	11.22438	1949.147	13.62912	1939.562	25.50441	1939.562	25.50441	100.9971
070819BK-01-25	69.03679	7418.686	0.852948	8.824235	1.896821	5.189793	2.225124	0.336438	0.685267	0.307968	1869.509	11.12076	1850.943	18.94561	1830.916	38.37382	1830.916	38.37382	102.1079
070819BK-01-26	51.73551	9001.09	0.887933	5.010361	0.756768	15.05229	1.237259	0.548735	0.782464	0.632418	2819.909	17.87184	2818.553	11.78082	2818.283	15.6522	2818.283	15.6522	100.0577
070819BK-01-27	68.29137	1507.248	1.714086	13.95879	8.194359	0.872902	11.78123	0.101802	1.332237	0.113081	624.9596	7.935094	637.1417	55.80947	681.4986	250.8354	624.9596	7.935094	91.70373
070819BK-01-28	103.9079	12452.85	1.510362	5.241962	0.969693	13.49368	1.343536	0.514489	0.863691	0.642849	2675.764	18.91419	2714.843	12.70146	2744.755	16.92118	2744.755	16.92118	97.48646
070819BK-01-29	265.9031	4869.519	1.449189	17.45674	2.498439	0.557635	3.094185	0.074336	1.088974	0.351942	462.2284	4.857325	449.9861	11.24808	388.8524	65.02837	462.2284	4.857325	118.8699
070819BK-01-30	371.3195	32806.53	2.628417	10.83084	1.040872	3.23687	1.370048	0.254884	0.869174	0.634411	1463.615	11.38058	1466.035	10.62825	1470.352	20.10422	1470.352	20.10422	99.5418
070819BK-01-31	87.92222	4399.727	2.817602	11.55446	2.546938	2.531511	2.915709	0.219792	0.916989	0.314499	1280.776	10.65145	1281.135	21.22544	1282.567	53.9307	1282.567	53.9307	99.86037
070819BK-01-32	109.1373	15310.27	3.240632	8.182785	1.416879	6.212291	1.726174	0.370395	0.941844	0.545625	2031.26	16.41034	2006.18	15.09819	1981.215	25.75334	1981.215	25.75334	102.526
070819BK-01-33	170.4601	1076.71	1.420467	12.09878	9.21826	0.240569	13.21389	0.025099	2.421135	0.183227	159.801	3.821439	218.8863	26.02402	914.9979	268.3617	159.801	3.821439	17.46464
070819BK-01-34	27.14051	4324.824	0.757625	7.561126	3.697576	6.819905	4.244457	0.38178	1.20774	0.284545	2084.591	21.51132	2088.31	37.60343	2092.729	71.5498	2092.729	71.5498	99.61115
070819BK-01-35	392.5092	7249.402	3.297598	17.74812	3.818876	0.435882	5.214148	0.058032	0.707931	0.135771	363.6432	2.50308	367.3443	16.07309	391.7232	115.9819	363.6432	2.50308	92.83166
070819BK-01-36	205.43	5201.457	0.539591	15.95923	3.387459	0.506232	5.502887	0.061156	0.82913	0.150672	382.6546	3.080376	415.9124	18.7814	605.7667	117.7363	382.6546	3.080376	63.16863
070819BK-01-37	231.673	6041.759	1.880295	16.80628	2.986282	0.621358	4.939572	0.0786	0.765899	0.155054	487.7583	3.597905	490.6981	19.22357	505.3869	107.4165	487.7583	3.597905	96.51185
070819BK-01-38	79.93595	5689.675	1.183168	10.26701	2.429741	3.800511	2.618538	0.28902	0.748678	0.285915	1636.632	10.82138	1592.854	21.05259	1536.195	47.22082	1536.195	47.22082	106.5381
070819BK-01-39	283.957	7860.384	2.906399	16.63682	2.558498	0.670094	2.759846	0.083069	0.710964	0.25761	514.4133	3.515176	520.7698	11.24417	549.6987	58.21683	514.4133	3.515176	93.58095
070819BK-01-40	87.97357	15919.97	1.91682	5.248431	0.76318	14.23078	1.030978	0.541554	0.684655	0.664083	2789.949	15.50508	2765.211	9.781366	2747.907	12.66932	2747.907	12.66932	101.53
070819BK-01-41	72.36736	9060.35	1.429969	8.453869	1.898996	5.730759	2.16199	0.354697	0.996214	0.460786	1956.988	16.81463	1936.019	18.69307	1914.417	34.43257	1914.417	34.43257	102.2237
070819BK-01-42	80.26425	9553.841	1.151538	8.395131	1.639308	5.718525	2.080543	0.351791	0.661354	0.317876	1943.146	11.09502	1934.171	17.98299	1925.336	35.35318	1925.336	35.35318	100.925
070819BK-01-43	642.9408	6522.086	1.770053	17.51655	3.88808	0.227109	4.285756	0.029985	0.706659	0.164885	190.4531	1.326167	207.8095	8.054119	410.4449	94.59566	190.4531	1.326167	46.40164
070819BK-01-44	366.5331	4017.51	2.261214	16.50719	3.821103	0.247607	7.157468	0.031483	0.872079	0.121842	199.824	1.715892	224.6305	14.4246	494.0813	156.7759	199.824	1.715892	40.44355
070819BK-01-45	271.6808	9968.829	4.09723	9.492369	0.739477	4.056212	1.151218	0.282781	0.775469	0.673608	1605.354	11.01999	1645.548	9.377674	1698.06	15.67773	1698.06	15.67773	94.54051
070819BK-01-46	190.0251	5693.384	1.719609	16.72989	2.682837	0.762013	3.859862	0.096611	0.73249	0.189771	594.5167	4.160002	575.1709	16.951	500.4306	83.49582	594.5167	4.160002	118.801
070819BK-01-47	144.8777	10277.41	0.991769	8.469397	0.873193	5.717519	1.128379	0.355225	0.648853	0.575031	1959.502	10.9637	1934.019	9.752071	1907.592	16.58021	1907.592	16.58021	102.7212
070819BK-01-48	213.345	2076.276	3.380789	15.2054	8.318151	0.251247	10.00735	0.030995	1.480124	0.147904	196.772	2.868468	227.5887	20.40636	560.3079	216.1998	196.772	2.868468	35.11854
070819BK-01-49	272.0066	16397.06	1.792781	10.32803	0.796183	2.814767	1.18797	0.213072	0.807634	0.679844	1245.162	9.14476	1359.476	8.900636	1544.87	16.37521	1544.87	16.37521	80.59975
070819BK-01-50	254.1926	38198.95	1.773447	8.541032	0.901782	5.316465	1.208014	0.330905	0.796198	0.659097	1842.764	12.76133	1871.513	10.32442	1904.351	16.32115	1904.351	16.32115	96.76599
070819BK-01-51	201.3322	11509.8	1.966017	12.44155	1.882963	2.273404	2.283233	0.208687	0.72528	0.317655	1221.817	8.072441	1204.072	16.10251	1173.259	42.86904	1173.259	42.86904	104.1387
070819BK-01-52	138.2606	2257.639	2.296455	15.79547	8.245413	0.511275	8.969127	0.065472	1.000177	0.111513	408.8173	3.961939	419.3058	30.8194	478.3567	197.3466	408.8173	3.961939	85.46287
070819BK-01-53	109.2671	29019.36	0.645294	5.276295	0.716948	13.85924	1.009	0.532444	0.705502	0.699209	2751.739	15.80179	2740.135	9.55601	2732.301	11.87286	2732.301	11.87286	100.7114
070819BK-01-54	326.071	50419.94	1.608064	5.374384	0.631087	13.44508	0.925368	0.525667	0.671667	0.725838	2723.168	14.91846	2711.432	8.745779	2703.402	10.5081	2703.402	10.5081	100.7311
070819BK-01-55	156.0212	21841.54	1.564245	7.805516	0.870346	6.576726	1.162186	0.374739	0.708955	0.610019	2051.659	12.45792	2056.233	10.2435	2061.575	16.24352	2061.575	16.24352	99.51898
070819BK-01-56	385.2205	9471.075	12.50045	17.06358	2.87	0.4723	3.653487	0.060266	1.370943	0.375242	377.2447	5.023391	392.7761	11.90087	486.2457	74.78997	377.2447	5.023391	77.58315
070819BK-01-57	102.3613	9706.123	1.75327	12.33727	2.586314	2.194378	2.805338	0.199847	0.815132	0.290565	1174.497	8.752206	1179.258	19.57015	1188.883	53.01144	1188.883	53.01144	98.78995
070819BK-01-58	349.2101	22288.42	3.701434	12.39458	1.070556	2.2722	1.390747	0.20578	0.707032	0.508383	1206.294	7.778428	1203.698	9.806143	1199.896	23.59142	1199.896	23.59142	100.5332
070819BK-01-59	316.1944	21198.91	2.898112	9.126606	0.743708	4.419081	1.119886	0.294098	0.709714	0.633738	1661.977	10.39746	1715.922	9.273041	1783.174	15.79327	1783.174	15.79327	93.20332
070819BK-01-60	224.4012	23820.12	1.266631	8.808738	0.943731	5.065636	1.189792	0.325105	0.697986	0.586645	1814.612	11.03922	1830.37	10.08957	1849.114	17.42557	1849.114	17.42557	98.13414
070819BK-01-61	478.9043	9241.636	0.779889	17.86683	3.845696	0.377929	4.498285	0.050373	0.737039	0.163849	316.8103	2.278567	325.5131	12.52801	389.188	99.66372	316.8103	2.278567	81.40289
070819BK-01-62	37.41589	4554.475	0.611829	7.615595	1.537508	6.823739	2.353546	0.385247	0.833422	0.354113	2100.745	14.94154	2088.808	20.84595	2077.813	38.75702	2077.813	38.75702	101.1037
070819BK-01-63	221.9891	15534.27	2.441546	13.07165	1.319726	1.976032	1.705591	0.189387	0.733441	0.430022	1118.055	7.52855	1107.367	11.49952	1087.29	30.86454	1087.29	30.86454	102.8296
070819BK-01-64	116.0237	1492.655	2.220388	12.89587	9.143838	0.316794	15.02257	0.03379	1.885534	0.125513	214.2233	3.972876	279.4338	36.71325	869.3866	310.4778	214.2233	3.972876	24.64074
070819BK-01-65	476.8698	26561.65	5.821877	12.8617	0.799643	2.045284	1.218765	0.191889	0.725487	0.595264	1131.602	7.529446	1130.725	8.311612	1129.903	19.5139	1129.903	19.5139	100.1504
070819BK-01-66	40.30019	4650.184	0.597128	9.470654	4.084832	4.527839	4.33109	0.319547	1.003229	0.231634	1787.516	15.66134	1736.099	36.0367	1675.481	77.89195	1675.481	77.89195	106.6867
070819BK-01-67	68.27265	11386.19	0.800418	5.397698	1.175305	13.31901	1.420695	0.522614	0.745859	0.524996	2710.257	16.50315	2702.531	13.41884	2697.464	19.96953	2697.464	19.96953	100.4743
070819BK-01-68	33.02408	4055.898	1.17835	8.47552	1.667567	5.670082	2.548721	0.35624	0.987332	0.387383	1964.328	16.71817	1926.824	22.00282	1887.485	42.30212	1887.485	42.30212	104.0712
070819BK-01-69	66.88231	5512.805	0.837589	7.900267	1.690692	6.562998	2.377912	0.380797	0.786528	0.330764	2080.008	13.98289	2054.392	20.95538	2029.541	39.73327	2029.541	39.73327	102.4866
070819BK-01-70	20.78004	2041.586	1.558593	9.170132	7.163675	4.284983	9.175143	0.301649	1.463413	0.159498	1699.482	21.86226	1690.48	75.67481	1680.12	167.6286	1680.12	167.6286	101.1524
070819BK-01-71	274.7541	14796.77	5.016529	5.062728	0.667697	13.43462	1.045813	0.491983	0.802142	0.767003	2579.248	17.05125	2710.697	9.883654	2810.892	10.96879	2810.892	10.96879	91.75907
070819BK-01-72	169.191	11059.46	1.328355	8.756606	1.157764	5.286702	1.423851	0.336333	0.740086	0.519777	1869.006	12.00759	1866.717	12.15842	1864.939	21.95715	1864.939	21.95715	100.218
070819BK-01-73	130.6581	16846.21	1.911971	8.883169	1.287704	5.216203	1.483313	0.33544	0.723952	0.488064	1864.693	11.72245	1855.267	12.63905	1845.489	23.42491	1845.489	23.42491	101.0406
070819BK-01-74	197.2401	2763.154	2.423815	13.65973	8.711619	0.423971	8.811548	0.044806	0.938041	0.106456	282.5545	2.593229	358.8869	26.64509	888.4455	181.3592	282.5545	2.593229	31.80325
070819BK-01-75	45.59734	4453.19	2.488922	9.014603	3.535168	4.7939	3.718323	0.320034	0.956099	0.257132	1789.897	14.94284	1783.831	31.24871	1777.521	65.57788	1777.521	65.57788	100.6962
070819BK-01-76	229.0816	24085.15	1.869222	7.70889	0.666853	6.841943	1.007426	0.381788	0.662179	0.657297	2084.63	11.79436	2091.168	8.925038	2098.36	13.33559	2098.36	13.33559	99.34569
070819BK-01-77	90.99057	11578.65	1.733048	8.510986	1.40717	5.694127	1.649437	0.352797	0.750778	0.455172	1947.939	12.62183	1930.477	14.24713	1912.549	26.35897	1912.549	26.35897	101.8504
070819BK-01-78	66.2647	6748.084	1.496655	8.891626	2.314645	5.175113	2.591207	0.337693	0.638957	0.246586	1875.561	10.39813	1848.532	22.05338	1819.022	45.58677	1819.022	45.58677	103.1082
070819BK-01-79	370.5921	16366.76	4.120586	13.70833	1.205713	1.756059	1.572363	0.175766	0.66619	0.423687	1043.805	6.419946	1029.397	10.17297	999.7702	28.92289	999.7702	28.92289	104.4045
070819BK-01-80	50.88728	10056.32	0.851681	5.386405	0.895626	13.42685	1.246332	0.525135	0.711425	0.570815	2720.923	15.79104	2710.15	11.77839	2702.833	16.89153	2702.833	16.89153	100.6693
070819BK-01-81	334.2281	20865.49	2.215396	12.40339	0.897442	2.280507	1.262403	0.205791	0.63438	0.502518	1206.357	6.979476	1206.273	8.911064	1206.998	21.47693	1206.998	21.47693	99.94692
070819BK-01-82	50.07284	4200.317	5.210053	8.97534	2.380602	5.078529	3.249536	0.338645	0.765047	0.235433	1880.149	12.47632	1832.525	27.57385	1779.623	57.6172	1779.623	57.6172	105.6487
070819BK-01-83	1213.889	6496.882	3.835994	19.22052	1.503112	0.230576	2.269666	0.033355	0.818126	0.360461	211.5094	1.702333	210.6741	4.318175	202.3538	49.16268	211.5094	1.702333	104.5246
070819BK-01-84	379.9239	6313.966	5.534153	12.48559	0.953928	2.109764	1.548197	0.195507	0.856107	0.55297	1151.14	9.025204	1152	10.66544	1154.465	25.60031	1154.465	25.60031	99.71196
070819BK-01-85	362.673	2672.06	2.206641	17.62086	5.433565	0.217041	9.903924	0.030547	0.946853	0.095604	193.9698	1.809252	199.4437	17.9357	265.6651	226.6949	193.9698	1.809252	73.01288
070819BK-01-86	351.9466	22656.7	3.55307	12.12573	1.105653	2.445143	1.372759	0.215523	0.759743	0.553442	1258.175	8.68391	1255.994	9.893155	1253.092	22.35065	1253.092	22.35065	100.4057
070819BK-01-87	200.6253	7163.979	1.521186	16.17377	3.703818	0.559593	4.524663	0.067504	0.977878	0.216122	421.1003	3.986235	451.2618	16.48601	608.9308	95.54635	421.1003	3.986235	69.15405
070819BK-01-88	196.6183	13997.1	2.070468	10.11132	1.079241	3.837068	1.400935	0.282714	0.755154	0.539036	1605.018	10.72931	1600.557	11.28452	1595.486	22.03129	1595.486	22.03129	100.5974
070819BK-01-89	191.7328	15079.46	2.682658	9.986369	1.270748	3.976174	1.486537	0.289096	0.68382	0.460009	1637.011	9.88593	1629.346	12.06135	1620.258	24.56536	1620.258	24.56536	101.034
070819BK-01-90	239.9922	27021.53	2.048447	7.602108	0.745017	7.074357	1.041822	0.389803	0.708165	0.679737	2121.916	12.80399	2120.824	9.26861	2120.511	13.38851	2120.511	13.38851	100.0663
070819BK-01-91	125.0835	9192.574	2.022083	13.94768	3.242772	1.708596	3.47454	0.175422	0.82712	0.238052	1041.914	7.957494	1011.759	22.2583	947.9077	69.10172	947.9077	69.10172	109.9172
070819BK-01-92	66.60632	4724.287	0.807077	11.43198	4.502023	2.860907	5.297975	0.243802	0.917676	0.173213	1406.431	11.5956	1371.683	39.88205	1318.807	101.2018	1318.807	101.2018	106.6442
070819BK-01-93	25.93537	1006.325	2.028089	11.27169	8.573317	1.639404	13.6393	0.158266	1.981194	0.145256	947.1343	17.45123	985.4831	86.22724	1072.798	272.2299	1072.798	272.2299	88.28639
070819BK-01-94	713.9989	13022.49	5.047627	18.47484	1.912773	0.375578	2.43589	0.050874	1.226977	0.503708	319.8849	3.829123	323.7792	6.753186	352.8854	47.53496	319.8849	3.829123	90.64836
070819BK-01-95	55.35661	6518.581	1.308728	9.821806	2.77267	3.989977	3.230271	0.287882	0.848089	0.262544	1630.935	12.22076	1632.159	26.23236	1634.527	57.91615	1634.527	57.91615	99.78027
070819BK-01-96	39.22745	3703.013	1.064358	8.822663	2.420346	5.050674	3.43145	0.331247	0.818902	0.238646	1844.424	13.13543	1827.862	29.09189	1809.821	60.5702	1809.821	60.5702	101.912
070819BK-01-97	102.7352	9076.703	1.021981	8.872922	1.66716	5.082586	2.055783	0.328772	0.712431	0.34655	1832.428	11.36334	1833.203	17.44401	1834.855	34.93759	1834.855	34.93759	99.86774
070819BK-01-98	124.7745	1163.027	2.265731	12.60933	12.11272	0.284043	15.28126	0.030527	2.573741	0.168425	193.8434	4.914764	253.86	34.33678	853.6506	314.6234	193.8434	4.914764	22.70758
070819BK-01-99	57.83817	5749.288	1.178297	8.895448	2.294479	5.125182	2.527234	0.334906	0.954745	0.377782	1862.117	15.44111	1840.289	21.47486	1816.47	42.49012	1816.47	42.49012	102.513
070819BK-01-100	238.2196	13663.33	1.604569	13.13159	1.604322	1.902867	2.085342	0.182841	0.714007	0.342393	1082.477	7.114891	1082.093	13.88084	1082.184	39.30446	1082.184	39.30446	100.027
070819BK-01-101	257.5912	1722.071	1.627865	16.12182	9.073636	0.176313	13.92376	0.023773	2.253623	0.161854	151.4601	3.373554	164.8832	21.19394	363.1773	311.1549	151.4601	3.373554	41.70417
070819BK-01-102	984.9696	91089.34	2.061131	8.845526	0.619797	5.19715	0.917573	0.332231	0.675115	0.735761	1849.185	10.85317	1852.15	7.813623	1856.249	11.22773	1856.249	11.22773	99.61942
070819BK-01-103	427.3791	7483.796	0.794225	17.64976	3.484761	0.558662	3.769315	0.0737	0.805413	0.213676	458.4083	3.563866	450.6549	13.71879	412.2358	82.35086	458.4083	3.563866	111.2005
070819BK-01-104	217.944	18407	1.556549	9.73855	0.933671	4.013815	1.263175	0.284788	0.754858	0.597588	1615.433	10.78636	1636.998	10.26827	1665.597	18.73969	1665.597	18.73969	96.9882

070819BK-01-105	153.7094	7707.149	1.846999	13.21466	1.826311	1.803253	2.254755	0.176377	0.789866	0.350311	1047.149	7.634251	1046.637	14.72835	1046.466	42.59703	1046.466	42.59703	100.0652
070819BK-01-106	282.3587	27049.56	1.427556	10.12227	0.837032	3.811149	1.127737	0.280018	0.73369	0.650586	1591.453	10.34668	1595.102	9.071022	1600.722	15.98046	1600.722	15.98046	99.42095
070819BK-01-107	42.01541	4057.974	0.999775	8.834131	1.494527	4.97896	2.854323	0.327267	0.907526	0.317948	1825.121	14.4252	1815.755	24.13948	1805.801	49.20819	1805.801	49.20819	101.0699
070819BK-01-108	86.66555	6936.547	1.121846	8.514409	1.414092	5.539181	1.693789	0.346643	0.806491	0.476146	1918.548	13.38283	1906.698	14.56939	1894.595	26.79155	1894.595	26.79155	101.2643
070819BK-01-109	190.3054	8426.341	1.127245	13.99238	1.803508	1.566192	2.318585	0.162768	0.759713	0.327662	972.142	6.855583	956.9206	14.36937	923.0056	45.02303	923.0056	45.02303	105.3235
070819BK-01-110	81.34141	7012.7	2.125654	11.65882	3.381965	2.640069	3.856602	0.228521	0.838002	0.21729	1326.742	10.04863	1311.878	28.40885	1288.493	73.28274	1288.493	73.28274	102.9685
070819BK-01-111	277.6411	5182.303	1.19843	16.86058	4.149613	0.496752	4.372176	0.06375	0.762284	0.174349	398.3927	2.944948	409.5017	14.73493	473.5882	95.29735	398.3927	2.944948	84.12217
070819BK-01-112	87.65945	5174.466	2.769674	12.2149	2.958618	2.179116	3.709655	0.199663	0.968075	0.260961	1173.511	10.38644	1174.395	25.82445	1176.904	70.85819	1176.904	70.85819	99.71174
070819BK-01-113	180.9186	14269.38	1.486605	8.288391	0.68819	5.798776	0.981109	0.350846	0.665829	0.678649	1938.636	11.14786	1946.228	8.49695	1955.079	12.86729	1955.079	12.86729	99.15898
070819BK-01-114	240.4376	7249.26	1.285546	15.9262	3.097548	0.906885	3.264189	0.108165	0.747476	0.228993	662.0825	4.703251	655.4004	15.76405	633.4238	68.44815	662.0825	4.703251	104.5244
070819BK-01-115	70.69002	7631.178	1.488693	8.384691	1.633716	5.564156	1.916805	0.343344	0.757067	0.394963	1902.737	12.47369	1910.569	16.49934	1919.849	31.57921	1919.849	31.57921	99.10864
070819BK-01-116	69.012	9471.612	1.043688	7.534636	1.529515	6.900113	1.786611	0.380961	0.675075	0.377852	2080.772	12.00522	2098.672	15.84594	2117.016	28.99839	2117.016	28.99839	98.28795
070819BK-01-117	188.9065	3046.843	1.08974	15.00289	4.63475	0.566428	6.564833	0.066342	0.979948	0.149272	414.0799	3.93019	455.7018	24.10846	672.4139	138.9932	414.0799	3.93019	61.5811
070819BK-01-118	167.7568	6628.493	2.416484	12.63363	1.876034	2.023699	2.51369	0.191147	0.864564	0.343942	1127.587	8.943717	1123.502	17.08401	1116.501	47.09062	1116.501	47.09062	100.9929
070819BK-01-119	54.40916	3180.846	1.271138	12.69944	4.880081	1.819851	5.815787	0.178237	1.055856	0.18155	1057.338	10.29649	1052.631	38.12871	1043.739	115.4687	1043.739	115.4687	101.3029
070819BK-01-120	69.7599	3588.849	1.804792	13.43114	5.762224	1.648444	6.675568	0.170156	0.991682	0.148554	1012.97	9.295959	988.9549	42.21353	936.9309	135.5293	936.9309	135.5293	108.1157
070819BK-01-121	141.4543	8744.823	1.484854	12.52682	2.259424	2.10205	3.074638	0.195145	0.880691	0.286437	1149.185	9.269971	1149.478	21.15831	1150.894	58.51003	1150.894	58.51003	99.85155
070819BK-01-122	158.4449	24184.95	1.950228	5.70984	0.785302	11.88747	1.138909	0.493844	0.815857	0.71635	2587.285	17.38672	2595.578	10.66735	2602.768	13.24148	2602.768	13.24148	99.40514
070819BK-01-123	61.46589	13173.44	0.837675	3.757137	0.881453	23.76658	1.194568	0.649736	0.798278	0.668256	3227.173	20.26731	3258.867	11.64021	3279.096	13.96279	3279.096	13.96279	98.41653
070819BK-01-124	94.47518	11039.87	1.320152	8.700716	1.523623	5.169345	1.791403	0.329797	0.779517	0.435143	1837.4	12.46253	1847.584	15.24237	1859.839	29.13393	1859.839	29.13393	98.79349
070819BK-01-125	37.24452	3976.612	0.865082	8.317882	2.572272	5.328049	2.990259	0.330804	1.36536	0.456603	1842.276	21.87881	1873.374	25.56989	1908.808	47.7773	1908.808	47.7773	96.51447
070819BK-01-126	55.93732	11256.12	12.56561	4.9533	1.239899	15.07911	1.965767	0.54467	1.517766	0.772099	2802.967	34.50046	2820.248	18.72082	2833.319	20.37616	2833.319	20.37616	98.92875
070819BK-01-127	959.1369	7021.961	6.549973	18.4288	2.412947	0.186772	2.720062	0.025901	0.777748	0.28593	164.8443	1.26582	173.8714	4.346667	299.4626	59.45042	164.8443	1.26582	55.04671
070819BK-01-128	88.09348	8249.272	1.278874	8.815349	1.312088	5.073122	2.183758	0.328885	1.068766	0.489416	1832.974	17.05133	1831.622	18.52447	1830.858	34.51865	1830.858	34.51865	100.1156
070819BK-01-129	83.12934	8331.252	1.199697	8.590586	1.30165	5.133889	1.80801	0.324158	0.915223	0.506204	1810.003	14.44317	1841.731	15.36648	1878.54	28.09931	1878.54	28.09931	96.35157
070819BK-01-130	143.1543	15408.71	2.426766	8.042338	0.899623	6.175667	1.201651	0.362495	0.778661	0.647993	1993.99	13.35472	2001.011	10.50136	2009.024	16.24128	2009.024	16.24128	99.25166
070819BK-01-131	80.23918	1468.879	3.098918	13.2419	8.79889	0.617113	11.6676	0.068054	1.565608	0.134184	424.4199	6.430739	488.0364	45.24006	799.8753	243.0167	424.4199	6.430739	53.06076
070819BK-01-132	58.41534	8734.503	1.728593	7.580269	1.35996	6.750429	1.903284	0.375066	0.849905	0.446546	2053.194	14.94422	2079.249	16.83368	2105.906	29.89178	2105.906	29.89178	97.49691
070819BK-01-133	97.80157	17099.11	1.207042	4.867919	0.78928	14.99575	1.100843	0.53056	0.752621	0.683677	2743.812	16.81822	2814.97	10.47935	2867.04	13.06614	2867.04	13.06614	95.70193
070819BK-01-134	51.00637	5407.435	0.366073	8.017086	1.756505	6.337974	2.235237	0.375469	1.039178	0.464907	2055.083	18.28658	2023.722	19.60567	1992.645	35.18806	1992.645	35.18806	103.1334
070819BK-01-135	39.99505	3158.137	1.104547	8.688966	2.560767	4.954479	3.086527	0.324447	0.968488	0.313779	1811.41	15.29404	1811.589	26.08253	1812.571	53.24731	1812.571	53.24731	99.93592
070819BK-01-136	110.848	6623.048	1.299358	10.8606	1.8104	3.082761	2.098314	0.249039	0.937779	0.44692	1433.518	12.05343	1428.414	16.08876	1421.63	35.87087	1421.63	35.87087	100.8362
070819BK-01-137	25.89813	2858.527	0.613125	8.33295	4.84384	5.389507	5.076032	0.339738	1.265598	0.249328	1885.408	20.68899	1883.187	43.50123	1881.509	88.60715	1881.509	88.60715	100.2072
070819BK-01-138	154.3921	3119.894	1.897921	15.52381	5.145352	0.465913	5.958705	0.056659	1.677378	0.2815	355.2721	5.798022	388.362	19.23226	591.474	124.0549	355.2721	5.798022	60.06554
070819BK-01-139	158.0551	16318.49	0.877605	8.89212	1.141986	5.054805	1.45648	0.329126	0.863462	0.592842	1834.142	13.78345	1828.555	12.34696	1822.971	21.28048	1822.971	21.28048	100.6128
070819BK-01-140	152.7563	8727.025	2.52803	12.73993	2.061132	2.045734	2.691622	0.193107	0.7961	0.29577	1138.184	8.306243	1130.875	18.35898	1117.757	51.29088	1117.757	51.29088	101.8275
070819BK-01-141	294.7821	24272.79	2.754515	11.65347	1.218906	2.675995	1.471799	0.227308	0.796777	0.541363	1320.372	9.51296	1321.85	10.87941	1325.071	23.965	1325.071	23.965	99.64543
070819BK-01-142	280.0951	17721.31	3.463129	12.81948	1.193285	1.936916	1.564634	0.181633	0.772651	0.493822	1075.889	7.656205	1093.933	10.47797	1130.869	27.07657	1130.869	27.07657	95.13825
070819BK-01-143	87.5748	9188.999	2.024393	7.675848	1.324607	6.690474	1.633463	0.375951	0.776465	0.475349	2057.343	13.67632	2071.364	14.43019	2086.087	25.27829	2086.087	25.27829	98.62214
070819BK-01-144	58.52528	8038.135	1.293999	8.886981	1.736236	4.923536	2.12454	0.321602	0.813614	0.38296	1797.546	12.76307	1806.299	17.9323	1817.187	35.63569	1817.187	35.63569	98.91919
070819BK-01-145	25.44184	3604.793	0.271928	7.630885	4.132185	6.638058	4.765684	0.378116	1.248669	0.262012	2067.479	22.08548	2064.419	42.07865	2062.12	81.16472	2062.12	81.16472	100.2599
070819BK-01-146	88.11561	7457.259	1.343299	10.02436	1.473664	3.709414	2.206431	0.274939	0.831054	0.376651	1565.824	11.55301	1573.401	17.64828	1584.373	38.21948	1584.373	38.21948	98.8293
070819BK-01-147	42.70583	4921.933	1.371801	7.561124	2.498473	6.673522	3.040498	0.373743	1.005534	0.330714	2046.988	17.63533	2069.123	26.85568	2091.986	50.45098	2091.986	50.45098	97.84906
070819BK-01-148	95.84517	10762.09	0.86814	7.807548	1.529869	6.501596	1.934035	0.371941	0.934404	0.483137	2038.526	16.33022	2046.114	17.02163	2054.525	29.89358	2054.525	29.89358	99.22128
070819BK-01-149	232.823	16523.3	2.025967	10.76392	0.964394	3.130272	1.337033	0.246749	0.870567	0.651118	1421.69	11.10703	1440.162	10.28941	1468.356	19.26905	1468.356	19.26905	96.82195
070819BK-01-150	26.74765	2293.027	0.694327	10.6187	9.720969	3.076453	10.15067	0.253428	1.222572	0.120443	1456.13	15.93488	1426.844	77.93709	1384.24	194.0105	1384.24	194.0105	105.1934
070819BK-01-151	178.4122	15336.53	1.178083	9.867106	1.306526	3.943989	1.636499	0.284697	0.878851	0.537031	1614.975	12.55499	1622.757	13.25649	1633.656	25.6485	1633.656	25.6485	98.85651
070819BK-01-152	247.1606	17071.28	2.767249	11.59645	1.355155	2.630563	1.653832	0.223322	0.889962	0.538121	1299.403	10.47323	1309.222	12.16793	1326.168	26.99224	1326.168	26.99224	97.98179
070819BK-01-153	62.15528	3239.109	1.733856	10.55021	2.47047	3.168577	3.889442	0.253903	0.907607	0.233352	1458.573	11.84734	1449.535	30.02757	1437.119	72.14326	1437.119	72.14326	101.4928
070819BK-01-154	554.8721	41799.58	2.743002	10.45606	0.859603	3.534891	1.236476	0.268938	0.881551	0.712954	1535.411	12.04421	1535.057	9.78674	1535.371	16.31715	1535.371	16.31715	100.0026
070819BK-01-155	72.55639	10978.92	0.65718	5.480445	1.279354	12.46624	1.583594	0.499188	0.905852	0.572023	2610.304	19.44395	2640.185	14.88655	2663.876	21.52359	2663.876	21.52359	97.98894
070819BK-01-156	65.76325	8210.98	1.829146	6.006477	1.050546	10.62252	1.539007	0.467623	0.96347	0.626033	2473.127	19.78968	2490.678	14.28323	2505.745	20.19052	2505.745	20.19052	98.69826
070819BK-01-157	531.4147	38315.72	2.334137	10.61573	0.818734	3.283422	1.237423	0.254111	0.84533	0.683137	1459.64	11.0416	1477.131	9.63157	1503.156	17.0781	1503.156	17.0781	97.105
070819BK-01-158	92.3223	8083.429	1.15259	9.013923	1.781935	4.027216	2.065444	0.26769	0.906975	0.439119	1529.063	12.34618	1639.708	16.80198	1785.416	33.82366	1785.416	33.82366	85.64184
070819BK-01-159	131.3582	20670.76	1.266459	5.686604	0.816423	11.57715	1.20469	0.478832	0.87812	0.728918	2522.175	18.32894	2570.83	11.2601	2610.129	13.73298	2610.129	13.73298	96.63027
070819BK-01-160	557.8644	1311.045	1.935725	16.60588	4.255879	0.281682	12.3041	0.04162	1.028668	0.083604	262.8693	2.649662	251.9912	27.46407	152.9261	NA	262.8693	2.649662	171.893
070819BK-01-161	214.2884	1785.793	1.653742	14.44671	6.020979	0.252057	12.68078	0.029867	1.722346	0.135823	189.7184	3.219993	228.246	25.9266	647.4697	270.8375	189.7184	3.219993	29.30151
070819BK-01-162	168.6957	15810.29	0.962463	9.782025	1.015955	4.073436	1.314703	0.290977	0.825414	0.627833	1646.412	11.99309	1649.001	10.71846	1653.092	18.96389	1653.092	18.96389	99.59589
070819BK-01-163	72.07807	3869.88	1.245672	11.6847	3.366807	2.54263	3.769643	0.224657	0.956571	0.253756	1306.436	11.31206	1284.327	27.47853	1248.396	71.38638	1248.396	71.38638	104.6491
070819BK-01-164	420.4959	6941.786	1.432323	18.03619	3.153434	0.366136	4.830003	0.049794	0.807525	0.167189	313.2551	2.469135	316.7857	13.14469	343.8309	107.7992	313.2551	2.469135	91.10731
070819BK-01-165	113.1223	6693.175	1.847711	10.68237	1.788598	3.334841	2.032198	0.264269	0.784308	0.385941	1511.645	10.56846	1489.247	15.87571	1458.308	35.64893	1458.308	35.64893	103.6574
070819BK-01-166	448.0781	27359.84	11.40022	8.144114	0.662568	5.349072	1.058635	0.317264	0.817168	0.771908	1776.353	12.68756	1876.741	9.056403	1990.522	11.96783	1990.522	11.96783	89.2406
070819BK-01-167	653.1237	4866.401	5.907611	17.63458	3.406192	0.29887	5.25865	0.04037	1.422343	0.270477	255.1248	3.557881	265.517	12.28688	359.1877	114.3249	255.1248	3.557881	71.02827
070819BK-01-168	294.8903	7435.895	1.572921	16.13958	2.022399	0.884279	2.698812	0.106955	0.796981	0.295308	655.0412	4.964079	643.2911	12.86086	603.172	55.79075	655.0412	4.964079	108.5994
070819BK-01-169	413.7333	3241.777	4.267007	17.07103	4.202826	0.22651	7.146046	0.030409	1.052169	0.147238	193.1087	2.001699	207.3133	13.40099	372.9774	159.2934	193.1087	2.001699	51.77491
070819BK-01-170	61.07096	4102.674	0.893681	11.16438	3.266429	2.815528	3.851835	0.237199	0.970059	0.251843	1372.12	11.98921	1359.678	28.8682	1340.993	72.03637	1340.993	72.03637	102.3212
070819BK-01-171	229.6669	20233.9	2.713548	11.02167	1.298647	2.816859	1.784908	0.227081	1.19245	0.668073	1319.183	14.22548	1360.032	13.37611	1425.64	25.3656	1425.64	25.3656	92.53273
070819BK-01-172	225.5764	26728.41	2.110829	6.768928	0.738728	8.782015	1.067663	0.432895	0.749328	0.70184	2318.757	14.5935	2315.627	9.732919	2313.6	13.04854	2313.6	13.04854	100.2229
070819BK-01-173	145.1786	3777.191	2.567584	15.23596	5.269245	0.554128	5.701375	0.065094	0.880614	0.154456	406.5305	3.469419	447.6975	20.64395	666.0358	120.7134	406.5305	3.469419	61.03733
070819BK-01-174	577.4966	9509.949	3.384917	18.68733	2.71667	0.370225	3.069442	0.051584	0.734882	0.239419	324.2382	2.323838	319.8203	8.421186	288.7561	68.11787	324.2382	2.323838	112.2879
070819BK-01-175	93.02573	8215.49	1.258324	8.769896	1.443588	5.16346	2.010031	0.332702	1.007866	0.501418	1851.466	16.21976	1846.615	17.09975	1841.925	31.47998	1841.925	31.47998	100.518
070819BK-01-176	171.7803	12156.4	1.586572	12.6611	2.478911	2.165163	2.683113	0.201478	0.750812	0.279829	1183.256	8.116369	1169.929	18.63855	1146.229	51.18911	1146.229	51.18911	103.2303
070819BK-01-177	62.50969	3255.485	3.025427	12.1626	4.468713	2.265325	5.084261	0.210644	0.953925	0.187623	1232.247	10.69955	1201.563	35.82961	1147.693	99.24392	1147.693	99.24392	107.3673
070819BK-01-178	144.3925	21287.84	0.811046	8.516428	0.983468	5.595171	1.28909	0.346155	0.772769	0.599469	1916.213	12.80986	1915.355	11.10498	1915.193	18.51247	1915.193	18.51247	100.0533
070819BK-01-179	361.5423	34720.01	11.32201	9.122277	0.816709	4.800238	1.140899	0.317922	0.732989	0.642466	1779.574	11.39848	1784.941	9.587533	1791.997	15.92186	1791.997	15.92186	99.30674
070819BK-01-180	123.603	12971.34	1.798214	5.950047	0.765466	10.89632	1.150969	0.47274	0.775251	0.673564	2495.564	16.04197	2514.321	10.70476	2530.216	14.27944	2530.216	14.27944	98.63049
070819BK-01-181	150.9814	21402.95	1.645042	8.880097	1.015545	5.132173	1.282492	0.331881	0.771413	0.601496	1847.493	12.39148	1841.447	10.89904	1835.394	18.55805	1835.394	18.55805	100.6592
070819BK-01-182	119.2634	6785.22	4.4369	12.87011	2.590223	1.800367	3.030761	0.172432	0.815725	0.269149	1025.495	7.733776	1045.591	19.78712	1088.679	58.51029	1088.679	58.51029	94.19627
070819BK-01-183	286.7167	5315.917	2.977093	11.84487	0.891135	2.155424	1.223373	0.190868	0.763295	0.623927	1126.073	7.886413	1166.8	8.485429	1244.045	18.74759	1244.045	18.74759	90.51708
070819BK-01-184	167.8045	21762.49	3.295722	7.710852	1.015477	6.874652	1.306559	0.385493	0.687606	0.526272	2101.893	12.33305	2095.394	11.58236	2089.767	19.53455	2089.767	19.53455	100.5803
070819BK-01-185	71.26256	7380.408	1.153956	4.677022	0.717476	12.79595	1.152589	0.437553	0.847762	0.735529	2339.677	16.63413	2664.746	10.8553	2922.354	12.63441	2922.354	12.63441	80.0614
070819BK-01-186	1014.889	65571.51	4.72952	13.69018	0.703276	1.64007	1.023181	0.163412	0.686425	0.670874	975.7081	6.215283	985.7394	6.454091	1009.007	15.38852	1009.007	15.38852	96.69985
070819BK-01-187	439.7949	29799.58	1.761224	10.64485	0.679582	3.359326	0.985948	0.260775	0.687003	0.696794	1493.803	9.160196	1494.966	7.714809	1497.422	13.37617	1497.422	13.37617	99.75834
070819BK-01-188	61.10169	5326.567	1.370608	7.907942	1.796076	6.459086	2.060557	0.378075	0.735485	0.356935	2067.286	13.00763	2040.344	18.1195	2013.972	34.14019	2013.972	34.14019	102.6472
070819BK-01-189	102.1037	11370.91	1.74389	8.56244	1.278582	5.517795	1.714337	0.34547	0.745905	0.435098	1912.93	12.34635	1903.372	14.73742	1893.734	27.76768	1893.734	27.76768	101.0137
070819BK-01-190	126.8186	1318.498	1.279627	12.45766	3.789904	1.334542	8.617568	0.138791	1.531124	0.177675	837.8235	12.02948	860.8576	50.06069	921.5595	174.612	837.8235	12.02948	90.91367
070819BK-01-191	134.2448	4247.54	1.864857	13.77381	5.794371	0.595418	6.744841	0.062098	1.044868	0.154914	388.37	3.938136	474.3214	25.5647	915.7658	137.2523	388.37	3.938136	42.40931
070819BK-01-192	266.9809	20453.66	2.563434	10.92072	0.892702	3.174906	1.145292	0.25221	0.672971	0.587597	1449.861	8.737739	1451.076	8.843851	1453.666	17.63168	1453.666	17.63168	99.73822
070819BK-01-193	400.301	31665.06	12.40785	13.00137	0.826813	1.925872	1.098904	0.181842	0.69102	0.628826	1077.029	6.85399	1090.108	7.344621	1117.215	17.03212	1117.215	17.03212	96.40301
070819BK-01-194	817.5198	12433.51	1.048817	18.71844	2.282506	0.349355	2.882236	0.048279	0.883773	0.306628	303.9477	2.623864	304.236	7.577193	307.4347	62.48268	303.9477	2.623864	98.86576
070819BK-01-195	48.29667	7222.972	1.877586	9.097872	1.945701	4.75896	2.206262	0.318195	0.847327	0.384055	1780.906	13.18509	1777.689	18.51413	1774.693	37.18064	1774.693	37.18064	100.3501
070819BK-01-196	112.871	2997.922	2.202602	15.24228	5.648362	0.802233	7.315641	0.095515	1.295307	0.17706	588.0696	7.280198	598.0875	33.07695	637.2148	155.1037	588.0696	7.280198	92.2875
070819BK-01-197	115.0998	1937.639	2.243887	14.05751	7.069693	0.526112	8.910804	0.059778	1.297582	0.145619	374.2777	4.718265	429.2259	31.20147	736.981	186.9574	374.2777	4.718265	50.78525
070819BK-01-198	341.6572	21500.41	2.262717	13.50751	1.31637	1.717558	1.714716	0.169407	0.700501	0.408523	1008.846	6.541747	1015.113	11.00454	1029.518	31.66412	1029.518	31.66412	97.992
070819BK-01-199	239.3451	2332.04	1.624859	16.68767	4.682249	0.355895	7.275806	0.047905	0.994981	0.136752	301.6447	2.932169	309.145	19.39364	367.0728	162.6239	301.6447	2.932169	82.17571
070819BK-01-200	50.04824	3237.51	1.24178	12.43021	6.110114	1.966016	6.761094	0.186405	1.471606	0.217658	1101.872	14.90513	1103.944	45.53564	1108.882	131.9766	1108.882	131.9766	99.3679
070819BK-01-201	230.4427	2612.936	1.797734	15.57652	2.708279	0.793993	5.090446	0.097642	0.926482	0.182004	600.5747	5.312888	593.4344	22.87996	567.1982	109.0185	600.5747	5.312888	105.8844
070819BK-01-202	146.6037	11907.05	3.098813	10.7808	1.598849	3.253736	1.862874	0.25622	0.859164	0.461203	1470.475	11.29646	1470.069	14.46954	1470.292	31.37953	1470.292	31.37953	100.0124
070819BK-01-203	378.7446	49890.8	1.806804	5.400155	0.797589	12.87466	1.148239	0.502102	0.82103	0.715034	2622.825	17.69176	2670.522	10.81913	2707.547	13.24658	2707.547	13.24658	96.87087
070819BK-01-204	460.2576	28054.75	3.007876	13.0918	0.98375	1.937392	1.389779	0.184469	0.855215	0.615361	1091.341	8.586041	1094.098	9.307722	1100.458	21.90322	1100.458	21.90322	99.17154
070819BK-01-205	543.6826	29672.35	1.796284	14.09989	1.153229	1.535023	1.715023	0.157443	1.2472	0.727221	942.5506	10.9365	944.5121	10.54505	949.992	24.07208	949.992	24.07208	99.21669
070819BK-01-206	675.1694	36864.38	5.352964	15.7212	1.375109	1.033703	1.649682	0.118139	0.873435	0.529456	719.8453	5.949046	720.7781	8.514293	724.585	29.66336	719.8453	5.949046	99.34588
070819BK-01-207	256.9138	18369.24	1.916989	8.891795	0.766021	5.119657	1.051033	0.331065	0.519481	0.494258	1843.543	8.329184	1839.373	8.928348	1835.43	16.55297	1835.43	16.55297	100.442
070819BK-01-208	365.8203	8827.27	1.054778	16.59225	2.321749	0.80934	2.456086	0.099741	0.647513	0.263636	612.8902	3.785727	602.0835	11.15582	562.5275	51.60473	612.8902	3.785727	108.9529
070819BK-01-209	24.5469	3950.586	1.078251	5.325012	1.970987	13.23498	2.185289	0.51878	0.867443	0.396946	2694.003	19.10067	2696.555	20.63313	2699.173	33.12436	2699.173	33.12436	99.80847
070819BK-01-210	60.94602	4943.712	0.960872	8.549628	1.811959	5.267396	2.466838	0.333126	0.623507	0.252756	1853.517	10.04379	1863.594	21.05434	1875.623	43.03218	1875.623	43.03218	98.82136
070819BK-01-211	409.8325	7934.406	1.534083	17.58412	2.217653	0.506501	3.351131	0.066497	0.698208	0.20835	415.0148	2.806361	416.0937	11.44065	423.0309	73.16538	415.0148	2.806361	98.1051
070819BK-01-212	195.1641	1351.766	1.809706	13.49799	8.931873	0.267386	10.09896	0.030473	2.018709	0.199893	193.5085	3.848326	240.6018	21.63726	730.5868	210.1204	193.5085	3.848326	26.48672
070819BK-01-213	138.1452	4239.753	1.461347	15.15342	4.612529	0.8738	5.611339	0.100869	0.847169	0.150975	619.4967	5.003901	637.6286	26.57568	703.3631	118.1602	619.4967	5.003901	88.07637
070819BK-01-214	193.692	1457.72	2.409122	13.26133	9.830883	0.274637	16.44472	0.0303	1.358047	0.082583	192.4237	2.574588	246.3943	35.9924	798.9507	345.5969	192.4237	2.574588	24.08456

070819BK-01-215	230.6516	9985.225	0.728708	13.6607	1.804878	1.557126	2.414564	0.157181	0.658693	0.2728	941.0935	5.76768	953.3268	14.9304	982.5753	47.28894	982.5753	47.28894	95.77826
070819BK-01-216	183.8349	19731.05	4.733421	7.683078	0.700377	6.785965	0.997664	0.379688	0.648304	0.649822	2074.827	11.50121	2083.894	8.829265	2093.614	13.32889	2093.614	13.32889	99.10263
070819BK-01-217	150.7896	3626.769	2.119926	16.27509	6.97882	0.529864	9.310502	0.066839	1.052833	0.11308	417.0848	4.252167	431.7194	32.75406	511.5565	203.687	417.0848	4.252167	81.5325
070819BK-01-218	400.6689	47395.83	3.681026	9.294376	0.601371	4.590233	0.918194	0.30993	0.654977	0.713332	1740.361	9.989875	1747.495	7.655568	1756.82	11.77119	1756.82	11.77119	99.06315
070819BK-01-219	157.2302	714.0393	3.13617	10.09961	12.48058	0.198274	25.94027	0.018144	2.531061	0.097573	115.9183	2.907743	183.665	43.60956	1179.362	519.0161	115.9183	2.907743	9.828901
070819BK-01-220	162.361	8995.899	3.642889	12.81518	1.846752	2.078764	2.677344	0.19714	0.64347	0.240339	1159.935	6.830863	1141.827	18.35736	1108.434	51.91573	1108.434	51.91573	104.6463
070819BK-01-221	100.9279	7826.347	1.532043	9.485734	1.396094	4.220105	1.746033	0.295396	0.838166	0.48004	1668.437	12.32113	1677.938	14.3336	1690.626	28.25047	1690.626	28.25047	98.68754
070819BK-01-222	44.78248	8546.99	1.646063	3.039982	0.802301	33.27031	1.121491	0.736389	0.76141	0.678926	3557.18	20.81606	3588.647	11.05559	3606.916	12.63519	3606.916	12.63519	98.6211
070819BK-01-223	172.1771	14314.54	2.831378	9.152628	0.789623	4.7254	1.123611	0.31661	0.620651	0.552372	1773.155	9.621304	1771.755	9.416534	1770.884	17.10206	1770.884	17.10206	100.1282
070819BK-01-224	420.5221	3900.653	3.128069	17.58665	4.542817	0.229845	8.116139	0.031407	0.883057	0.108803	199.3487	1.733421	210.0709	15.40273	333.0864	183.1798	199.3487	1.733421	59.84894
070819BK-01-225	348.9353	9677.665	17.51977	16.93271	2.522922	0.740131	3.590325	0.093427	0.687603	0.191516	575.7745	3.787387	562.4821	15.50687	510.0255	77.49219	575.7745	3.787387	112.8913
070819BK-01-226	348.3349	40361.52	2.352973	5.551377	0.622708	12.37557	0.903119	0.499238	0.634527	0.702594	2610.521	13.6209	2633.324	8.484729	2651.605	10.65789	2651.605	10.65789	98.45058
070819BK-01-227	68.81551	7569.79	1.366991	6.407298	1.027573	9.380548	1.314935	0.438663	0.768646	0.58455	2344.654	15.10837	2375.929	12.06598	2403.591	18.13771	2403.591	18.13771	97.54796
070819BK-01-228	108.2375	3484.207	2.150927	15.84546	4.185881	0.764664	4.674896	0.093657	1.18254	0.252955	577.1303	6.52821	576.697	20.57168	575.9146	98.37409	577.1303	6.52821	100.2111
070819BK-01-229	195.5886	12930.89	2.21285	12.86357	1.533679	2.092091	1.927046	0.197084	0.832869	0.4322	1159.635	8.839374	1146.213	13.2396	1121.753	34.65459	1121.753	34.65459	103.377
070819BK-01-230	31.3619	2748.282	1.599146	9.883648	6.158692	3.995524	6.58794	0.299994	0.900242	0.13665	1691.281	13.39214	1633.287	53.55187	1560.192	122.5407	1560.192	122.5407	108.4021
070819BK-01-231	194.5563	15845.12	1.066089	10.10238	0.86724	3.907616	1.349114	0.286569	0.709418	0.52584	1624.361	10.18632	1615.259	10.90778	1604.212	21.40101	1604.212	21.40101	101.2561
070819BK-01-232	181.4502	16537.62	9.973223	7.63744	0.888245	6.915583	1.171506	0.381029	0.717474	0.612438	2081.089	12.76088	2100.658	10.39287	2120.629	16.2267	2120.629	16.2267	98.13547
070819BK-01-233	143.8372	7347.349	1.616799	13.6037	2.586612	1.713647	2.901727	0.171686	0.773063	0.266415	1021.393	7.30225	1013.65	18.60815	997.8242	56.82894	997.8242	56.82894	102.362
070819BK-01-234	81.49526	9429.038	1.348715	4.926627	0.800844	15.61944	1.205248	0.555142	0.670413	0.556245	2846.525	15.42751	2853.808	11.50201	2859.651	16.30078	2859.651	16.30078	99.54098
070819BK-01-235	102.8756	3137.887	0.888333	5.82647	0.728985	11.30371	1.170206	0.483333	0.687841	0.587795	2541.768	14.44824	2548.511	10.91676	2554.594	15.84977	2554.594	15.84977	99.49791
070819BK-01-236	67.36497	4460.792	1.337339	13.02429	5.575155	1.897556	6.870841	0.183986	1.022745	0.148853	1088.714	10.24529	1080.233	45.71892	1064.058	136.8021	1064.058	136.8021	102.3172
070819BK-01-237	206.9773	12097.45	2.327582	11.6565	1.364398	2.585924	1.88869	0.218638	0.928109	0.491403	1274.674	10.73416	1296.661	13.80331	1334.067	31.81588	1334.067	31.81588	95.548
070819BK-01-238	393.4158	28446.8	1.592467	9.870704	0.848444	4.128365	1.210363	0.292975	0.779021	0.643625	1656.379	11.3791	1659.935	9.893696	1665.224	17.14024	1665.224	17.14024	99.4688
070819BK-01-239	37.54075	3937.686	1.101029	8.643427	3.228688	5.228182	4.041792	0.333216	0.983972	0.243449	1853.949	15.85356	1857.221	34.46355	1861.656	70.81514	1861.656	70.81514	99.58606
070819BK-01-240	53.76213	6050.835	0.98958	5.459894	1.074915	13.14716	1.627331	0.521342	0.877858	0.539447	2704.87	19.39277	2690.272	15.35683	2680.031	22.6676	2680.031	22.6676	100.9268
070819BK-01-241	108.1299	10971.07	1.45726	9.018011	1.33837	5.028328	1.639417	0.328116	0.777828	0.474454	1829.243	12.38779	1824.105	13.88587	1819.015	26.19655	1819.015	26.19655	100.5623
070819BK-01-242	910.098	17291.2	349.9425	18.57171	1.389169	0.421684	1.912511	0.056931	0.855479	0.447307	356.9323	2.970487	357.2548	5.760004	360.3097	38.57426	356.9323	2.970487	99.06263
070819BK-01-243	204.7988	17279.3	1.109623	10.97043	0.980951	3.206834	1.162766	0.253972	0.563494	0.484615	1458.928	7.357091	1458.811	9.000251	1459.451	19.33636	1459.451	19.33636	99.96421
070819BK-01-244	147.797	13669.55	2.159662	9.079048	1.016884	4.792612	1.373532	0.314178	0.739385	0.538309	1761.232	11.3949	1783.605	11.5946	1810.658	21.03288	1810.658	21.03288	97.27026
070819BK-01-245	126.4767	10181.39	1.426436	12.12522	1.154998	2.431935	1.982166	0.215597	0.725658	0.366093	1258.567	8.296657	1252.094	14.26302	1241.851	36.14653	1241.851	36.14653	101.346
070819BK-01-246	33.12674	5411.673	10.66619	5.183136	0.844685	15.61124	1.567222	0.590129	1.017444	0.649202	2989.946	24.3414	2853.307	14.9564	2758.89	19.57841	2758.89	19.57841	108.375
070819BK-01-247	238.5005	34731.98	1.558669	5.892532	0.575896	11.48483	0.84767	0.488195	0.604902	0.713606	2562.861	12.79197	2563.349	7.917855	2564.448	9.93423	2564.448	9.93423	99.93809
070819BK-01-248	238.5511	19566.56	2.224049	9.084158	0.723268	4.979414	1.029797	0.32841	0.657769	0.638737	1830.672	10.48278	1815.832	8.707863	1799.623	14.41776	1799.623	14.41776	101.7253
070819BK-01-249	645.351	64059.95	3.927864	9.122508	0.616612	4.896131	0.901888	0.322865	0.650975	0.721791	1803.704	10.24207	1801.59	7.604606	1799.921	11.35769	1799.921	11.35769	100.2102
070819BK-01-250	195.2934	22137.7	3.445864	9.225898	0.808463	4.724846	1.091153	0.316283	0.699078	0.640679	1771.553	10.82858	1771.656	9.144314	1772.558	15.29386	1772.558	15.29386	99.94329
070819BK-01-251	49.66466	2415.033	2.035862	11.85278	6.912192	1.992403	8.621052	0.183081	0.966936	0.11216	1083.786	9.645963	1112.938	58.34786	1171.214	169.8905	1171.214	169.8905	92.53523
070819BK-01-252	47.90599	4924.214	1.501081	8.609767	2.56412	5.23498	3.155889	0.333892	0.842951	0.267104	1857.216	13.6021	1858.329	26.91122	1860.343	54.93767	1860.343	54.93767	99.83191
070819BK-01-253	220.4478	11262.16	2.175012	12.83375	1.449124	2.076207	1.622526	0.196567	0.647478	0.399055	1156.853	6.856728	1140.983	11.11973	1111.781	29.71558	1111.781	29.71558	104.054
070819BK-01-254	52.61775	5239.478	1.550705	8.781315	1.825508	5.169136	2.290652	0.337084	0.79436	0.346784	1872.624	12.90968	1847.549	19.49108	1820.203	38.99644	1820.203	38.99644	102.88
070819BK-01-255	70.54556	9073.353	2.036629	5.610985	0.851598	11.75221	1.1064	0.482255	0.685746	0.619799	2537.081	14.38255	2584.865	10.3536	2623.251	14.44262	2623.251	14.44262	96.71517
070819BK-01-256	119.713	13910.61	5.068191	9.400017	1.146943	4.554766	1.468505	0.313639	0.754071	0.513495	1758.59	11.60606	1741.033	12.22719	1720.791	23.1519	1720.791	23.1519	102.1966
070819BK-01-257	55.56182	9764.411	1.961138	7.666702	1.810156	6.966314	2.047275	0.390377	0.816319	0.398734	2124.579	14.77512	2107.145	18.18018	2090.918	33.00895	2090.918	33.00895	101.6098
070819BK-01-258	144.7731	11883.25	2.607538	10.14047	1.364927	3.66913	1.582974	0.272833	0.725791	0.458498	1555.166	10.02895	1564.678	12.63145	1578.331	26.32525	1578.331	26.32525	98.53229
070819BK-01-259	332.1794	18979.1	2.549292	13.37212	1.447285	1.909252	1.786932	0.186883	0.738462	0.413257	1104.469	7.495646	1084.324	11.90802	1044.964	32.83091	1044.964	32.83091	105.6945
070819BK-01-260	93.15087	5871.508	3.408644	10.75537	2.215014	3.333385	2.608761	0.266593	0.781677	0.299635	1523.487	10.60615	1488.906	20.3789	1440.805	47.44205	1440.805	47.44205	105.7385
070819BK-01-261	112.2778	8354.619	3.185506	10.94969	2.240305	3.289624	2.387256	0.265876	0.737897	0.309098	1519.833	9.990831	1478.6	18.59107	1420.729	43.39289	1420.729	43.39289	106.9756
070819BK-01-262	57.25853	7852.554	1.326653	9.737771	2.72819	4.067901	2.884529	0.292022	0.813277	0.281945	1651.627	11.84959	1647.892	23.51391	1643.923	51.35796	1643.923	51.35796	100.4686
070819BK-01-263	179.9285	6229.016	3.629912	16.02795	5.364789	0.635811	5.507259	0.076483	0.875357	0.158946	475.0985	4.009253	499.709	21.73835	614.9871	117.5037	475.0985	4.009253	77.25341
070819BK-01-264	589.7625	116535.3	13.29629	3.947881	0.733168	20.31603	1.033624	0.580803	0.728481	0.704783	2952.024	17.25394	3106.523	10.0032	3208.644	11.58385	3208.644	11.58385	92.00222
070819BK-01-265	226.7459	18396.59	1.648686	10.84986	1.245426	2.848527	1.542058	0.225573	0.870127	0.564263	1311.257	10.32404	1368.422	11.58978	1459.636	24.20321	1459.636	24.20321	89.83455
070819BK-01-266	44.04498	4034.037	1.315582	9.842188	3.591176	3.964265	5.03308	0.292246	1.110659	0.220672	1652.742	16.19209	1626.913	40.83245	1594.465	91.72008	1594.465	91.72008	103.655
070819BK-01-267	227.0713	320.6957	4.880631	12.49983	7.302316	0.13284	61.98351	0.028959	1.677616	0.027066	184.027	3.043617	126.6467	73.93221	NA	NA	184.027	3.043617	
070819BK-01-268	205.8297	31859.88	3.154184	6.688182	0.943177	8.801962	1.31909	0.42578	0.911826	0.691254	2286.664	17.55349	2317.696	12.02793	2345.874	16.29928	2345.874	16.29928	97.47598
070819BK-01-269	240.1967	15097.34	4.227601	9.115423	0.99764	4.775817	1.532009	0.317554	0.836257	0.545856	1777.772	12.99294	1780.657	12.86319	1784.815	23.3987	1784.815	23.3987	99.60537
070819BK-01-270	178.0975	12208.05	1.312882	9.668803	0.973151	4.218745	1.334903	0.29834	0.876557	0.656645	1683.07	12.9844	1677.674	10.95755	1671.719	18.61351	1671.719	18.61351	100.679
070819BK-01-271	198.9262	20452.31	2.622211	8.081181	0.992619	5.776085	1.287485	0.341212	0.797486	0.619414	1892.497	13.07882	1942.833	11.14408	1997.692	17.96027	1997.692	17.96027	94.73415
070819BK-01-272	104.5682	5737.005	3.899712	11.77307	3.357254	2.27756	4.428616	0.200515	0.937393	0.211667	1178.086	10.09299	1205.36	31.2575	1255.399	84.66762	1255.399	84.66762	93.8416
070819BK-01-273	41.21775	4018.396	1.354376	8.436896	2.995763	5.442777	3.277167	0.343159	0.873511	0.266545	1901.847	14.3865	1891.618	28.11816	1881.179	56.91635	1881.179	56.91635	101.0987
070819BK-01-274	131.3575	10969.96	4.578142	10.29789	1.340766	3.5957	1.779343	0.272437	0.88564	0.497734	1553.16	12.22378	1548.582	14.13675	1543.142	29.01366	1543.142	29.01366	100.6492
070819BK-01-275	479.0373	40766.63	3.962289	7.972664	0.773635	5.948161	1.112598	0.345288	0.788587	0.70878	1912.059	13.04773	1968.297	9.671508	2028.697	13.89571	2028.697	13.89571	94.25061
070819BK-01-276	139.4753	17424.22	2.139739	8.313698	1.104268	5.927946	1.436772	0.359812	0.853931	0.59434	1981.282	14.56594	1965.338	12.48359	1949.355	20.64848	1949.355	20.64848	101.6378
070819BK-01-277	148.6324	14557.66	3.262343	8.82684	1.034717	5.248816	1.309964	0.339233	0.780025	0.595455	1882.978	12.73706	1860.58	11.17302	1836.415	19.06229	1836.415	19.06229	102.5355
070819BK-01-278	42.64467	2113.049	4.578749	12.35123	5.88223	1.839033	6.797895	0.179899	1.300601	0.191324	1066.423	12.78341	1059.515	44.74087	1046.211	134.7009	1046.211	134.7009	101.932
070819BK-01-279	74.5918	8916.032	2.122799	5.664728	1.038533	11.88497	1.356636	0.492756	0.805432	0.593698	2582.587	17.13921	2595.382	12.70664	2606.094	18.18605	2606.094	18.18605	99.09799
070819BK-01-280	384.1289	2126.071	3.790785	17.33895	4.445329	0.216322	13.15141	0.030944	1.003264	0.076286	196.4546	1.941229	198.8436	23.75378	228.3051	NA	196.4546	1.941229	86.04917
070819BK-01-281	266.1699	12174.36	2.884348	10.71715	0.918429	3.291024	1.518587	0.259642	0.707464	0.46587	1488.009	9.400487	1478.931	11.82659	1466.74	25.52134	1466.74	25.52134	101.45
070819BK-01-282	96.86091	9215.968	1.279485	8.68591	1.19656	5.301112	1.675715	0.338684	0.713122	0.425563	1880.336	11.63052	1869.042	14.31557	1857.276	27.3989	1857.276	27.3989	101.2416
070819BK-01-283	155.809	10160.18	2.271398	10.69196	1.60259	3.233173	2.003837	0.254768	0.838832	0.418613	1463.017	10.9793	1465.149	15.54136	1469.049	34.5542	1469.049	34.5542	99.58945
070819BK-01-284	59.2372	5402.107	2.444254	9.670814	3.817506	4.039233	4.421849	0.290821	0.721467	0.163139	1645.632	10.47841	1642.132	36.0086	1638.446	81.04847	1638.446	81.04847	100.4385
070819BK-01-285	132.44	12624.27	1.582501	7.898851	1.026683	6.332546	1.324873	0.366287	0.655228	0.494559	2011.906	11.32376	2022.971	11.61841	2035.036	20.37367	2035.036	20.37367	98.86341
070819BK-01-286	331.918	5119.206	4.114239	7.680618	0.710483	6.362782	1.908589	0.362083	0.722165	0.378376	1992.039	12.37541	2027.149	16.74892	2063.84	31.15593	2063.84	31.15593	96.52096
070819BK-01-287	441.53	23912.11	5.513008	10.92628	0.839604	2.63739	1.447912	0.210471	1.113786	0.769236	1231.329	12.48415	1311.13	10.66037	1444.951	17.62282	1444.951	17.62282	85.21596
070819BK-01-288	68.57928	6925.783	2.24265	8.388239	1.493987	5.667546	1.78233	0.350575	0.659298	0.369908	1937.345	11.03221	1926.437	15.38439	1915.487	29.71011	1915.487	29.71011	101.1411
070819BK-01-289	89.12448	8106.987	1.715302	9.256721	1.904518	4.610747	2.302421	0.314516	0.635617	0.276065	1762.891	9.803715	1751.215	19.21397	1738.089	40.57626	1738.089	40.57626	101.427
070819BK-01-290	163.7769	13622.14	3.255757	10.42319	1.028487	3.439736	1.587537	0.262882	0.595216	0.374931	1504.57	7.987141	1513.525	12.48946	1526.877	27.72789	1526.877	27.72789	98.53909
070819BK-01-291	38.15491	4603.42	1.297944	10.229	4.198259	3.823366	5.277416	0.292705	0.847639	0.160616	1655.034	12.37259	1597.677	42.50112	1523.628	98.24146	1523.628	98.24146	108.6245
070819BK-01-292	112.6555	1887.104	1.3052	15.53516	5.131939	0.532647	9.111649	0.068132	1.243535	0.136477	424.8912	5.113309	433.5651	32.16397	480.849	199.8033	424.8912	5.113309	88.36272
070819BK-01-293	219.6237	2747.69	5.071174	17.64752	3.552918	0.356202	4.868301	0.050223	0.84816	0.174221	315.8928	2.61469	309.3754	12.98384	261.5328	110.136	315.8928	2.61469	120.7852
070819BK-01-294	250.1094	19354.69	2.549055	8.89679	0.812222	5.0566	1.077669	0.327632	0.596688	0.553684	1826.894	9.49237	1828.856	9.136016	1831.862	16.26332	1831.862	16.26332	99.72883
070819BK-01-295	120.0301	13129.21	2.479613	8.415701	1.179201	5.427985	1.431991	0.333478	0.630792	0.4405	1855.215	10.16918	1889.284	12.27878	1927.696	23.03264	1927.696	23.03264	96.24003
070819BK-01-296	50.31941	4401.412	0.942864	8.870449	3.688942	4.982081	4.40412	0.328821	0.920711	0.209057	1832.666	14.68709	1816.285	37.25996	1798.322	78.40876	1798.322	78.40876	101.9098
070819BK-01-297	55.43383	9060.38	1.083481	5.968095	1.356708	10.98079	1.666946	0.478684	0.955841	0.573408	2521.529	19.94704	2521.506	15.51434	2522.203	22.93914	2522.203	22.93914	99.9733
070819BK-01-298	120.5576	12940.92	1.393154	8.26601	1.232944	5.898224	1.603055	0.356267	0.905516	0.564869	1964.455	15.33366	1960.973	13.91841	1958.062	23.61521	1958.062	23.61521	100.3265
070819BK-01-299	211.952	17539.36	4.019955	9.259243	0.903811	4.670003	1.259597	0.315545	0.831155	0.659858	1767.936	12.85158	1761.882	10.53443	1755.491	17.3143	1755.491	17.3143	100.709
070819BK-01-300	192.6735	27473.96	1.951691	5.191214	0.842227	13.68298	1.187572	0.515787	0.830826	0.6996	2681.287	18.22475	2728.018	11.23762	2763.504	13.93058	2763.504	13.93058	97.02492
070819BK-01-301	208.7068	4711.057	1.864358	17.3682	4.427857	0.405606	4.730699	0.053942	1.286043	0.271851	338.6757	4.243081	345.7062	13.86191	394.1838	102.1625	338.6757	4.243081	85.91823
070819BK-01-302	436.4161	7349.505	1.855693	18.38083	2.612133	0.4088	3.376179	0.056602	0.876366	0.259573	354.9283	3.026392	348.0105	9.947881	303.0778	74.33512	354.9283	3.026392	117.108
070819BK-01-303	33.58052	4359.824	0.898141	7.992234	2.850841	6.400769	3.756244	0.379872	1.130911	0.301075	2075.685	20.06996	2032.374	32.99832	1989.446	63.728	1989.446	63.728	104.3348
070819BK-01-304	389.32	21224.01	2.918625	13.37898	1.079193	1.875052	1.446004	0.183394	0.852621	0.589639	1085.492	8.517869	1072.316	9.575905	1046.519	23.57162	1046.519	23.57162	103.7241
070819BK-01-305	34.16288	3770.674	2.050148	5.400774	2.042894	13.53983	2.655767	0.539046	0.843586	0.317643	2779.455	19.04684	2718.071	25.11668	2673.469	41.68888	2673.469	41.68888	103.9643
070819BK-01-306	70.17394	5092.223	1.402308	10.07757	2.540743	3.461345	3.800822	0.259823	0.840873	0.221235	1488.934	11.17935	1518.455	29.95108	1560.656	69.54341	1560.656	69.54341	95.40438
070819BK-01-307	327.3157	27026.95	3.425568	8.661904	0.677726	5.287072	1.013181	0.333626	0.677388	0.668576	1855.934	10.92402	1866.777	8.651555	1879.64	13.57527	1879.64	13.57527	98.73881
070819BK-01-308	91.61796	10259.5	1.996442	5.424262	0.805831	11.89032	1.136091	0.471101	0.738035	0.649626	2488.386	15.23587	2595.803	10.64116	2681.442	14.2846	2681.442	14.2846	92.80028
070819BK-01-309	60.76154	3930.92	1.764214	10.27669	3.148464	3.588257	4.141601	0.277663	0.817771	0.197453	1579.58	11.45648	1546.936	32.89924	1503.427	76.75991	1503.427	76.75991	105.0653
070819BK-01-310	79.54246	9072.871	1.204477	8.191021	1.682846	5.98506	1.992607	0.360112	0.682419	0.342476	1982.703	11.6475	1973.675	17.33773	1964.985	33.39665	1964.985	33.39665	100.9017
070819BK-01-311	160.3156	28513.76	4.374188	5.802869	0.710555	12.0041	1.023443	0.506791	0.732498	0.71572	2642.914	15.88186	2604.726	9.593027	2575.88	11.94377	2575.88	11.94377	102.6024
070819BK-01-312	170.6574	15294.08	0.752641	8.973443	1.060008	4.989702	1.30429	0.327543	0.685757	0.52577	1826.46	10.90707	1817.578	11.03292	1808.188	20.16527	1808.188	20.16527	101.0106
070819BK-01-313	41.93701	6642.322	3.407401	5.352192	0.930409	12.57995	1.199994	0.494492	0.690912	0.575762	2590.08	14.73693	2648.722	11.28776	2694.531	16.2073	2694.531	16.2073	96.12359
070819BK-01-314	145.0226	23847.24	5.493694	9.386687	1.383487	4.50714	1.528352	0.308689	0.565417	0.369952	1734.254	8.597511	1732.29	12.70138	1730.701	26.05805	1730.701	26.05805	100.2053
070819BK-01-315	162.5583	10922.18	1.884473	13.29123	1.802705	1.852839	2.038065	0.181868	0.667977	0.32775	1077.169	6.626225	1064.441	13.44107	1039.304	38.87479	1039.304	38.87479	103.6433
070819BK-01-316	240.9081	9212.587	1.589398	7.421753	0.588339	7.306321	0.962701	0.397719	0.671388	0.6974	2158.526	12.31539	2149.583	8.598478	2141.796	12.05973	2141.796	12.05973	100.7811
070819BK-01-317	467.6554	32401.89	4.209492	10.9566	0.687186	2.971709	0.946589	0.237413	0.626271	0.661608	1373.232	7.745865	1400.413	7.191631	1442.85	13.52421	1442.85	13.52421	95.17495
070819BK-01-318	28.54942	888.0396	1.839435	9.939285	20.62778	1.058731	23.11582	0.090796	4.114146	0.17798	560.245	22.07619	733.1978	121.2785	1306.524	447.4141	1306.524	447.4141	42.88059
070819BK-01-319	168.3516	10632.06	3.597378	11.03653	1.09883	3.049877	1.60916	0.248319	0.610186	0.379195	1429.8	7.824648	1420.203	12.30527	1406.657	28.51112	1406.657	28.51112	101.6452
070819BK-01-320	413.5176	2698.778	2.893218	18.2588	4.52741	0.168213	5.806091	0.024799	0.893219	0.153842	157.9173	1.393411	157.8665	8.489075	158.1453	134.349	157.9173	1.393411	99.85583
070819BK-01-321	133.7937	14401.82	1.030319	7.980013	0.883895	6.398808	1.138166	0.374113	0.545881	0.479615	2048.723	9.580689	2032.105	9.995095	2016.029	17.70866	2016.029	17.70866	101.6217
070819BK-01-322	78.81062	9715.522	1.298612	8.262657	1.019282	6.063619	1.522954	0.368555	0.644092	0.422923	2022.595	11.18166	1985.031	13.27535	1946.892	24.6676	1946.892	24.6676	103.8884
070819BK-01-323	86.02588	7035.911	2.164114	10.15387	1.982925	3.853369	2.195065	0.290335	0.704763	0.321067	1643.205	10.22255	1603.973	17.69777	1553.625	39.02944	1553.625	39.02944	105.7659
070819BK-01-324	478.0862	45025.43	2.847917	9.654241	0.578097	4.167192	0.826256	0.293452	0.540914	0.654657	1658.755	7.91103	1667.593	6.76612	1679.526	11.53687	1679.526	11.53687	98.76329

070819BK-01-325	155.9068	10088.22	4.283314	11.49125	1.988457	2.609183	2.149369	0.221492	0.626591	0.291523	1289.756	7.324372	1303.225	15.77871	1326.293	39.81209	1326.293	39.81209	97.24516
070819BK-01-326	137.2134	18803.54	2.958271	8.785761	0.971474	5.286687	1.246845	0.338457	0.606074	0.486086	1879.241	9.879688	1866.715	10.64682	1853.569	19.69558	1853.569	19.69558	101.385
070819BK-01-327	110.8649	12418.66	3.629205	8.992757	0.994072	4.840877	1.395789	0.318343	0.757156	0.542457	1781.631	11.78611	1792.03	11.74668	1804.932	21.32113	1804.932	21.32113	98.70903
070819BK-01-328	152.297	10365.3	2.134898	11.06424	1.374402	3.175936	1.542562	0.258284	0.665651	0.431523	1481.058	8.808138	1451.326	11.91271	1408.865	26.63726	1408.865	26.63726	105.1242
070819BK-01-329	588.1403	38095.08	16.41148	10.78706	0.667326	3.262963	0.941062	0.255872	0.643977	0.684308	1468.688	8.45797	1472.269	7.31402	1478.244	13.01272	1478.244	13.01272	99.35358
070819BK-01-330	177.6872	26841.54	2.278615	5.249629	0.56883	14.04934	0.832644	0.534121	0.604955	0.726547	2758.793	13.57757	2753.042	7.892898	2749.53	9.404561	2749.53	9.404561	100.3369
070819BK-01-331	213.6779	6471.988	1.407381	16.51039	3.502111	0.590471	4.011156	0.073254	0.977951	0.243808	455.7298	4.302926	471.1682	15.12183	548.0538	85.00658	455.7298	4.302926	83.1542
070819BK-01-332	205.4688	5704.56	0.907027	16.50063	2.771882	0.725297	4.36458	0.090392	0.984126	0.22548	557.8555	5.259165	553.7892	18.63259	538.0446	93.08939	557.8555	5.259165	103.682
070819BK-01-333	54.67748	2324.69	4.238441	6.567169	1.788845	7.628494	3.01763	0.376211	1.277587	0.423374	2058.562	22.51425	2188.222	27.09585	2312.792	46.92117	2312.792	46.92117	89.00765
070819BK-01-334	204.7502	5475.432	3.078599	12.90331	1.204085	1.916449	1.707343	0.185125	0.697104	0.408297	1094.913	7.019675	1086.832	11.39231	1071.567	31.32308	1071.567	31.32308	102.1787
070819BK-01-335	108.2736	11048.36	4.829245	9.821932	1.584549	4.070353	1.794969	0.292398	0.729724	0.406539	1653.503	10.6428	1648.383	14.63224	1642.653	30.43302	1642.653	30.43302	100.6605
070819BK-01-336	86.08811	23004.52	3.499421	4.891586	0.825149	15.53032	1.123346	0.551233	0.747772	0.665664	2830.298	17.12956	2848.349	10.71665	2861.841	13.64051	2861.841	13.64051	98.8978
070819BK-01-337	24.73353	3666.601	0.591129	8.757313	5.438117	5.371172	6.108726	0.351799	1.003379	0.164253	1943.182	16.83318	1880.27	52.33771	1812.239	109.568	1812.239	109.568	107.2255
070819BK-01-338	183.9967	6975.711	3.610923	13.81869	2.616191	1.652492	2.996614	0.16957	0.855306	0.285424	1009.741	7.993963	990.5059	18.95817	949.0499	58.77435	949.0499	58.77435	106.3949
070819BK-01-339	115.5554	1098.552	2.919448	10.3191	20.72821	0.364148	22.32515	0.03117	1.540636	0.069009	197.8665	3.002094	315.3069	60.58367	1310.206	437.6147	197.8665	3.002094	15.10194
070819BK-01-340	207.4783	7002.623	3.511927	16.10183	4.240933	0.865553	4.551663	0.103785	0.781675	0.171734	636.5537	4.738005	633.1498	21.44621	621.9331	96.75142	636.5537	4.738005	102.3508
070819BK-01-341	128.4636	7971.95	2.585482	12.14331	1.520739	2.39779	1.749958	0.21421	0.748288	0.427604	1251.207	8.510068	1241.941	12.53991	1226.74	31.08547	1226.74	31.08547	101.9944
070819BK-01-342	320.1092	2614.123	2.915357	15.73061	4.900022	0.257388	6.791903	0.031944	0.906737	0.133503	202.7031	1.809387	232.5599	14.11785	547.1708	147.1985	202.7031	1.809387	37.04567
070819BK-01-343	51.91614	6000.518	2.981411	8.391825	2.066128	5.771326	2.872113	0.355391	0.784982	0.273312	1960.292	13.26847	1942.12	24.86109	1923.559	49.52853	1923.559	49.52853	101.9096
070819BK-01-344	184.2901	23844.08	2.01081	7.691926	0.664688	6.964564	0.929351	0.386367	0.635674	0.683997	2105.958	11.42023	2106.922	8.251851	2108.614	11.89397	2108.614	11.89397	99.87404
070819BK-01-345	507.1763	6848.386	2.111775	18.52855	2.300736	0.220516	3.083585	0.030555	1.037707	0.336526	194.0229	1.983391	202.3391	5.657009	301.4015	66.19774	194.0229	1.983391	64.37356
070819BK-01-346	101.2615	10987.94	2.9612	8.2452	1.071181	5.591941	1.592824	0.334479	1.039545	0.652643	1860.052	16.79651	1914.858	13.72061	1975.506	21.50032	1975.506	21.50032	94.15574
070819BK-01-347	208.0676	14613.09	2.316742	13.32831	1.334277	1.985579	1.847192	0.19279	0.690376	0.373743	1136.471	7.193235	1110.619	12.47448	1061.246	34.47721	1061.246	34.47721	107.0883
070819BK-01-348	557.4099	9235.467	2.631437	18.72034	2.133882	0.437983	3.467858	0.060878	0.66107	0.190628	380.9609	2.445446	368.8294	10.72534	294.2728	77.7279	380.9609	2.445446	129.4584
070819BK-01-349	126.9056	18268.83	1.790514	5.592184	0.724928	12.61691	1.016911	0.510216	0.701588	0.689921	2657.551	15.27975	2651.482	9.567534	2647.562	12.21321	2647.562	12.21321	100.3773
070819BK-01-350	277.9154	40403.94	2.802023	8.258142	0.676253	6.072925	0.934812	0.362299	0.609526	0.65203	1993.064	10.44975	1986.368	8.150092	1980.165	12.62115	1980.165	12.62115	100.6514
070819BK-01-351	68.08778	12707.27	2.320103	5.398063	0.946525	14.11102	1.251475	0.551571	0.785787	0.627888	2831.702	18.00751	2757.196	11.86688	2703.799	16.07599	2703.799	16.07599	104.7305
070819BK-01-352	243.5624	1855.118	3.01684	16.15569	6.384576	0.231629	12.9561	0.030897	1.588563	0.122611	196.1598	3.069189	211.5424	24.74587	387.4444	289.7814	196.1598	3.069189	50.62914
070819BK-01-353	121.5734	3012.135	1.185879	16.25784	5.252915	0.725383	5.447585	0.092156	0.853155	0.156612	568.278	4.640738	553.8395	23.25903	495.862	118.6414	568.278	4.640738	114.6041
070819BK-01-354	685.8513	17589.23	24.62257	16.64686	1.168417	0.715729	1.509593	0.086993	0.701173	0.464478	537.7292	3.617443	548.1422	6.394335	592.5839	28.98157	537.7292	3.617443	90.74313
070819BK-01-355	581.8995	9393.777	12.89605	18.49529	2.769504	0.371096	3.311035	0.050892	0.679168	0.205123	319.9966	2.120255	320.4658	9.099637	324.8883	73.57417	319.9966	2.120255	98.49432
070819BK-01-356	101.9033	6736.069	2.027641	11.08992	2.093775	3.066481	2.520567	0.250649	0.702821	0.278834	1441.824	9.080176	1424.357	19.30199	1399.162	46.40244	1399.162	46.40244	103.0491
070819BK-01-357	72.25029	12393.55	1.857946	5.300662	0.86229	13.74241	1.245613	0.526058	0.782705	0.62837	2724.823	17.39323	2732.12	11.79036	2738.219	15.94138	2738.219	15.94138	99.51075
070819BK-01-358	440.2297	29492.53	4.608104	9.109474	0.63826	4.840964	0.917996	0.318172	0.644265	0.701817	1780.798	10.02474	1792.045	7.725496	1805.938	11.88806	1805.938	11.88806	98.60791
070819BK-01-359	169.4868	16353.52	2.041251	7.286703	0.676668	7.739267	0.98058	0.40754	0.679905	0.69337	2203.663	12.69042	2201.174	8.817568	2199.598	12.27461	2199.598	12.27461	100.1848
070819BK-01-360	243.1155	14249.82	5.710291	13.16744	1.079292	1.9511	1.460773	0.187597	0.68466	0.468697	1108.342	6.971868	1098.825	9.806676	1080.901	25.87593	1080.901	25.87593	102.5387
070819BK-01-361	217.7735	36623.66	2.069973	6.594211	0.66373	9.426439	0.963868	0.44763	0.694336	0.720365	2384.709	13.84046	2380.408	8.848505	2377.458	11.39321	2377.458	11.39321	100.305
070819BK-01-362	128.6978	18065.62	1.629487	8.863847	1.417754	5.215287	1.643995	0.334349	0.703424	0.427875	1859.429	11.36232	1855.117	14.00796	1851.059	26.86797	1851.059	26.86797	100.4521
070819BK-01-363	249.684	21065.57	3.68544	10.01338	0.785896	4.065307	1.215655	0.294553	0.695989	0.572522	1664.24	10.20856	1647.372	9.906985	1626.712	18.53371	1626.712	18.53371	102.307
070819BK-01-364	80.78027	2800.271	4.078764	9.386652	1.743134	4.206655	2.102528	0.297512	0.787869	0.374725	1678.96	11.64571	1675.319	17.25009	1671.548	36.04255	1671.548	36.04255	100.4435
070819BK-01-365	673.5303	27393.4	3.72587	12.89032	0.708629	2.069197	1.045487	0.193024	0.645389	0.617309	1137.738	6.73136	1138.667	7.157032	1141.285	16.34674	1141.285	16.34674	99.68923
070819BK-01-366	128.9539	5630.223	2.871239	13.62248	3.487725	1.618401	3.603355	0.164153	0.721857	0.200329	979.8131	6.561569	977.371	22.61824	972.7945	72.03511	972.7945	72.03511	100.7215
070819BK-01-367	516.0641	45137.95	5.475896	9.160637	0.634296	4.923266	0.96211	0.324462	0.69472	0.72208	1811.485	10.97118	1806.253	8.119997	1800.995	12.1092	1800.995	12.1092	100.5825
070819BK-01-368	205.0997	9890.665	2.831929	11.78869	0.98784	2.653655	1.314006	0.229117	0.679665	0.517247	1329.869	8.167278	1315.66	9.690753	1293.413	21.85798	1293.413	21.85798	102.8186
070819BK-01-369	1472.484	17191.76	5.011544	19.22542	1.257087	0.305726	1.6668	0.043034	0.696034	0.417587	271.6092	1.851219	270.863	3.962747	265.4036	34.78032	271.6092	1.851219	102.3382
070819BK-01-370	152.9838	9916.009	4.241198	11.74841	1.435001	2.711053	1.737342	0.233247	0.795106	0.457656	1351.496	9.69415	1331.488	12.88782	1300.281	30.01455	1300.281	30.01455	103.9388
070819BK-01-371	168.3606	14103.84	3.332658	10.97963	1.294383	3.196907	1.499573	0.255544	0.661034	0.440815	1467.005	8.673142	1456.412	11.59891	1441.804	25.65079	1441.804	25.65079	101.7479
070819BK-01-372	261.2585	5134.178	5.272944	16.89151	3.324469	0.685195	5.145106	0.087504	0.699727	0.135999	540.7603	3.629489	529.9095	21.24475	484.43	112.6147	540.7603	3.629489	111.6282
070819BK-01-373	169.7599	19134.48	3.345364	7.729736	0.717199	6.972877	1.095561	0.390899	0.73674	0.672477	2126.998	13.34757	2107.981	9.729195	2090.224	14.25779	2090.224	14.25779	101.7593
070819BK-01-374	98.03676	5669.297	1.600765	12.17663	2.316395	2.255109	2.759675	0.204286	0.786629	0.285044	1198.302	8.601952	1198.381	19.41524	1199.389	52.16322	1199.389	52.16322	99.90935
070819BK-01-375	205.6496	9240.802	2.968581	13.62962	1.800854	1.754762	2.558323	0.17624	0.806144	0.315106	1046.4	7.786447	1028.919	16.54847	992.8246	49.35919	992.8246	49.35919	105.3963
070819BK-01-376	272.9333	15579.39	8.252834	12.77467	1.141418	1.744983	1.90999	0.1627	1.481657	0.775741	971.7651	13.36555	1025.308	12.32917	1142.282	23.94459	1142.282	23.94459	85.07226
070819BK-01-377	1856.824	16743.05	8.756257	19.57436	1.713211	0.218151	1.921926	0.031343	0.582366	0.303012	198.95	1.140921	200.3699	3.49482	218.1448	42.41925	198.95	1.140921	91.2009
070819BK-01-378	388.5328	8554.783	40.82859	17.46863	3.131906	0.499137	3.435129	0.065185	0.83345	0.242626	407.0802	3.287906	411.118	11.61369	434.8012	74.25515	407.0802	3.287906	93.62443
070819BK-01-379	147.2995	8244.434	3.091358	13.42264	2.270206	1.752252	2.521295	0.17465	0.707897	0.280767	1037.683	6.784993	1027.993	16.30043	1008.292	49.10757	1008.292	49.10757	102.915
070819BK-01-380	145.5766	14770.32	1.636149	8.427345	0.829402	5.702976	1.112892	0.351295	0.637607	0.572928	1940.777	10.68546	1931.819	9.614568	1922.988	16.35017	1922.988	16.35017	100.9251
070819BK-01-381	119.8743	7031.236	3.662167	13.24031	2.936444	1.695502	3.375128	0.167317	0.672275	0.199185	997.311	6.211785	1006.838	21.55976	1028.492	66.88859	1028.492	66.88859	96.96824
070819BK-01-382	244.1444	16945.36	4.465566	9.131491	0.868218	4.857111	1.180282	0.324082	0.787216	0.666973	1809.633	12.42088	1794.848	9.938576	1778.491	16.04181	1778.491	16.04181	101.751
070819BK-01-383	434.5516	15544.95	2.516876	10.30978	0.755568	2.890121	1.232229	0.218132	0.760994	0.617575	1271.995	8.784649	1379.337	9.295792	1550.41	18.20318	1550.41	18.20318	82.04254
070819BK-01-384	485.2244	97324.36	5.101173	5.141001	0.689251	14.8837	1.046482	0.555365	0.785489	0.7506	2847.446	18.08029	2807.832	9.957143	2780.208	11.33076	2780.208	11.33076	102.4185
070819BK-01-385	61.72544	5537.466	2.602646	7.300257	1.738998	7.430553	2.142175	0.400081	0.766105	0.357629	2169.414	14.11244	2164.657	19.17351	2160.893	34.89845	2160.893	34.89845	100.3943
070819BK-01-386	309.7468	6351.482	4.189612	18.21207	2.901307	0.55515	4.037229	0.076469	0.803557	0.199037	475.0136	3.679765	448.3647	14.63462	314.8798	90.01034	475.0136	3.679765	150.8555
070819BK-01-387	81.15009	5208.189	6.532216	12.91253	4.267669	1.931778	5.434006	0.187351	0.884073	0.162693	1107.01	8.992568	1092.155	36.37155	1063.554	107.9371	1063.554	107.9371	104.086
070819BK-01-388	580.8082	42191.7	2.235963	8.65698	0.743616	5.514007	1.05457	0.346859	0.73827	0.700067	1919.583	12.25645	1902.782	9.064335	1885.278	13.55889	1885.278	13.55889	101.8197
070819BK-01-389	403.9519	10416.98	2.039009	17.01688	3.268051	0.526173	3.494948	0.066461	0.770558	0.220478	414.7994	3.095608	429.2667	12.23535	508.6371	74.97672	414.7994	3.095608	81.55116
070819BK-01-390	331.5217	12689.84	4.573638	16.6171	2.341013	0.781399	2.849703	0.095746	0.85244	0.299133	589.4318	4.801687	586.281	12.69298	575.0408	59.15149	589.4318	4.801687	102.5026
070819BK-01-391	229.2229	5631.048	6.276399	17.48979	3.567288	0.505962	4.26387	0.066969	1.332883	0.312599	417.8692	5.393027	415.73	14.5468	404.8286	90.71673	417.8692	5.393027	103.2213
070819BK-01-392	46.00101	3536.76	1.574084	6.700879	2.023578	7.915297	2.62378	0.392805	0.804159	0.306489	2135.823	14.62	2221.423	23.65741	2302.057	42.90928	2302.057	42.90928	92.7789
070819BK-01-393	174.7188	10806.26	3.675888	11.51655	1.237559	2.694123	1.869555	0.227566	0.714049	0.381935	1321.729	8.533139	1326.845	13.84526	1335.937	33.41224	1335.937	33.41224	98.93648
070819BK-01-394	36.68631	3043.557	1.465953	12.97253	7.311366	1.837333	7.729391	0.183334	1.368072	0.176996	1085.165	13.66358	1058.907	50.86462	1006.038	154.5597	1006.038	154.5597	107.8652
070819BK-01-395	76.05499	3884.715	3.979448	11.95672	4.730202	2.429934	6.109459	0.219844	1.380483	0.225958	1281.048	16.03835	1251.501	43.9757	1201.901	117.3831	1201.901	117.3831	106.5852
070819BK-01-396	120.2924	11717.61	1.773955	8.447318	0.980876	5.655584	1.453244	0.349178	0.742115	0.510661	1930.673	12.38134	1924.614	12.53955	1918.861	22.40923	1918.861	22.40923	100.6156
070819BK-01-397	182.5546	1285.835	5.243675	13.61513	9.643822	0.228885	12.21541	0.02664	2.074781	0.169849	169.4841	3.470601	209.2777	23.10568	685.8409	257.8036	169.4841	3.470601	24.71187
070819BK-01-398	465.8053	87062.87	3.710107	5.002821	0.761481	14.91996	1.104798	0.540645	0.799147	0.723342	2786.147	18.07821	2810.147	10.51366	2828.116	12.44662	2828.116	12.44662	98.51602
070819BK-01-399	89.107	8747.611	2.453175	9.928944	1.395414	4.091728	1.727106	0.298725	0.886743	0.513427	1684.983	13.14833	1652.655	14.09348	1612.593	27.61141	1612.593	27.61141	104.489
070819BK-01-400	84.96091	1488.118	4.905584	13.61	17.0058	0.663763	18.4928	0.07508	1.337185	0.072308	466.687	6.019934	516.913	75.04883	746.4698	392.9143	466.687	6.019934	62.51921
070819BK-01-401	335.1936	10800	11.73544	13.02543	2.188034	0.995387	2.905477	0.095483	1.461769	0.503108	587.8809	8.213272	701.4652	14.71779	1085.568	50.36682	587.8809	8.213272	54.1542
070819BK-01-402	369.1128	11883.81	3.698836	16.76937	2.153215	0.793693	2.820271	0.098353	0.802618	0.284589	604.7493	4.633108	593.2645	12.67207	550.5175	59.01468	604.7493	4.633108	109.851
070819BK-01-403	97.85358	19844.84	2.630181	6.411701	0.920001	9.388533	1.234722	0.438958	0.795274	0.644092	2345.974	15.63906	2376.71	11.3308	2403.897	16.05648	2403.897	16.05648	97.59048
070819BK-01-404	232.1258	20871.95	4.33602	9.011545	0.875948	5.040857	1.267094	0.331833	0.723948	0.571345	1847.258	11.62775	1826.213	10.73645	1803.074	18.91285	1803.074	18.91285	102.4505
070819BK-01-405	140.9367	2913.354	2.146604	16.34086	3.844889	0.545775	5.890661	0.070664	1.198997	0.203542	440.155	5.101309	442.2248	21.12145	453.9979	128.1023	440.155	5.101309	96.95088
070819BK-01-406	181.0841	29776.76	2.054724	5.765504	0.657771	12.03698	1.030219	0.506267	0.785924	0.762871	2640.672	17.02854	2607.29	9.658577	2582.178	11.12355	2582.178	11.12355	102.2653
070819BK-01-407	244.5075	14436.01	2.592155	9.722154	0.875809	4.043712	1.302879	0.288779	0.725535	0.55687	1635.423	10.48005	1643.034	10.60669	1653.577	20.05387	1653.577	20.05387	98.90214
070819BK-01-408	206.0282	4433.91	3.145557	17.1141	5.061349	0.515787	6.057992	0.068072	0.960072	0.15848	424.5307	3.944494	422.3335	20.93402	411.3073	133.8392	424.5307	3.944494	103.215
070819BK-01-409	132.3453	14453.32	0.93291	8.715175	0.907963	5.180966	1.182669	0.331303	0.667905	0.564744	1844.693	10.71474	1849.494	10.06611	1855.668	17.63716	1855.668	17.63716	99.40856
070819BK-01-410	68.98981	7108.429	1.930398	8.733004	1.157527	5.252638	1.616133	0.339681	0.641139	0.396711	1885.136	10.4795	1861.201	13.78631	1835.341	26.87414	1835.341	26.87414	102.7131
070819BK-01-411	350.0879	43097.31	3.4138	9.28155	0.662798	4.501717	1.039858	0.304978	0.765493	0.736151	1715.946	11.53255	1731.289	8.639618	1750.662	12.88234	1750.662	12.88234	98.017
070819BK-01-412	56.70066	2838.677	1.839237	12.19589	3.509282	2.004485	3.876265	0.189441	1.009434	0.260414	1118.348	10.36402	1117.029	26.26473	1115.314	74.73573	1115.314	74.73573	100.272
070819BK-01-413	313.8893	26787.47	3.280078	5.80077	0.653303	10.86106	1.126496	0.459747	0.913079	0.810548	2438.439	18.53826	2511.307	10.47427	2571.465	11.02944	2571.465	11.02944	94.82685
070819BK-01-414	310.9585	22920.87	4.838377	10.22476	0.943395	3.281689	1.22109	0.245714	0.663872	0.543672	1416.333	8.441395	1476.72	9.503261	1565.405	19.20986	1565.405	19.20986	90.47712
070819BK-01-415	170.1632	24175.68	2.963101	7.640393	0.84127	7.192713	1.103233	0.40142	0.679312	0.615747	2175.574	12.5435	2135.599	9.835034	2098.103	15.2696	2098.103	15.2696	103.6925
070819BK-01-416	61.94682	4456.414	1.470451	9.488882	1.844039	4.213634	2.355423	0.299434	0.914764	0.388365	1688.501	13.5886	1676.679	19.33159	1662.706	40.17919	1662.706	40.17919	101.5514
070819BK-01-417	460.4791	13535.58	2.758693	17.68189	3.087624	0.56626	3.33103	0.074212	0.776986	0.233257	461.4812	3.460311	455.5927	12.22873	426.9436	72.25121	461.4812	3.460311	108.0895
070819BK-01-418	182.5458	11449.97	8.322684	12.88285	1.844097	1.935158	2.990735	0.184202	1.839098	0.614932	1089.892	18.44138	1093.325	20.02392	1101.021	47.16063	1101.021	47.16063	98.98917
070819BK-01-419	107.4455	2549.338	1.820032	14.6835	5.534881	0.9038	7.495122	0.105239	0.928965	0.123943	645.0378	5.702138	653.7561	36.14456	684.9128	158.9603	645.0378	5.702138	94.17809
070819BK-01-420	29.45958	1675.238	1.845303	12.03321	7.933358	1.978934	9.388434	0.192807	1.338243	0.142542	1136.566	13.94464	1108.357	63.40997	1054.315	187.5592	1054.315	187.5592	107.8014
070819BK-01-421	329.3555	3392.177	2.405934	12.30353	0.938955	1.780733	1.422898	0.168222	0.919856	0.646467	1002.309	8.538794	1038.447	9.252416	1116.21	21.66537	1116.21	21.66537	89.79572
070819BK-01-422	121.1091	2628.671	1.019366	16.23036	3.402303	0.626008	6.973981	0.081168	1.359334	0.194915	503.09	6.578633	493.6062	27.2692	450.7902	152.0592	503.09	6.578633	111.6018
070819BK-01-423	1088.898	89729.14	4.00692	9.951518	0.666265	3.968973	0.97773	0.287617	0.70999	0.726162	1629.609	10.22348	1627.875	7.929925	1626.428	12.49956	1626.428	12.49956	100.1956
070819BK-01-424	338.1375	12277.41	3.745406	12.56351	1.186429	2.210058	1.494776	0.204846	0.665855	0.445455	1201.298	7.297824	1184.23	10.4499	1154.033	26.57972	1154.033	26.57972	104.0957
070819BK-01-425	44.44791	6619.082	1.310535	8.86959	3.423174	5.23544	3.641019	0.344415	0.755849	0.207593	1907.872	12.48252	1858.404	31.05091	1804.274	64.78518	1804.274	64.78518	105.7418
070819BK-01-426	111.1753	12326.33	2.010311	9.180667	1.358794	4.917117	1.532792	0.332336	0.642788	0.419358	1849.695	10.33595	1805.198	12.93413	1754.973	25.45735	1754.973	25.45735	105.3974
070819BK-01-427	31.62362	2782.009	1.240004	8.673386	3.3221	5.133204	4.047744	0.338729	1.096162	0.270808	1880.554	17.87944	1841.618	34.41203	1798.678	70.92877	1798.678	70.92877	104.552
070819BK-01-428	125.2435	10663.2	3.787472	11.08553	1.48836	3.098531	1.872179	0.253771	0.803171	0.429003	1457.893	10.47973	1432.328	14.37255	1395.368	32.43383	1395.368	32.43383	104.4808
070819BK-01-429	269.597	21982.85	4.587546	13.56935	1.460203	1.808843	1.7053	0.180301	0.696203	0.408258	1068.617	6.85581	1048.66	11.1512	1008.184	31.56742	1008.184	31.56742	105.9942
070819BK-01-430	303.691	20373.01	2.995431	12.20693	1.151533	2.340824	1.399292	0.209827	0.653903	0.46731	1227.896	7.310876	1224.773	9.955598	1220.131	24.31884	1220.131	24.31884	100.6364
070819BK-01-431	99.71366	5249.964	2.410087	13.0284	4.209805	1.858488	4.689879	0.182758	0.859581	0.183284	1082.022	8.562186	1066.485	30.97118	1035.701	93.16814	1035.701	93.16814	104.4724
070819BK-01-432	201.7767	16967.44	5.276869	9.68433	1.090736	3.684618	1.549551	0.261867	1.026996	0.66277	1499.385	13.73897	1568.04	12.37586	1662.521	21.47807	1662.521	21.47807	90.18742
070819BK-01-433	9.306645	1532.069	0.611068	5.072831	6.289049	14.33168	7.070687	0.549376	3.068002	0.433904	2822.578	70.13003	2771.916	67.20979	2735.938	104.9469	2735.938	104.9469	103.1668
070819BK-01-434	107.2734	13283.11	4.0594	8.834425	1.251867	5.230277	1.717192	0.339486	0.750248	0.436904	1884.195	12.25764	1857.563	14.63848	1828.653	28.00417	1828.653	28.00417	103.0373

070819BK-01-435	64.51086	6930.758	2.170652	7.717867	1.161164	6.916336	1.674968	0.394448	0.691563	0.412881	2143.426	12.61067	2100.755	14.86002	2059.969	26.91385	2059.969	26.91385	104.0514
070819BK-01-436	99.1641	6099.677	3.679094	11.59822	3.167291	2.56064	3.832939	0.222174	1.28899	0.336293	1293.352	15.10528	1289.476	27.99576	1283.855	70.33189	1283.855	70.33189	100.7398
070819BK-01-437	202.5107	5577.132	3.354342	17.18683	2.133597	0.729955	2.602537	0.095638	0.699289	0.268695	588.7943	3.934935	556.5269	11.15079	427.5809	55.92778	588.7943	3.934935	137.7036
070819BK-01-438	65.72841	5108.443	0.971848	8.875583	1.396337	5.050999	2.120793	0.33427	0.821204	0.387216	1859.047	13.26246	1827.916	17.97727	1793.412	35.60629	1793.412	35.60629	103.6598
070819BK-01-439	186.6078	11449.94	3.702889	11.07403	0.999506	3.159569	1.32661	0.25844	0.680729	0.513134	1481.854	9.011969	1447.339	10.23216	1397.816	21.82851	1397.816	21.82851	106.0121
070819BK-01-440	400.6174	34982.37	2.330771	9.054312	0.775981	4.830604	0.981412	0.319828	0.584225	0.59529	1788.888	9.126361	1790.243	8.256175	1792.598	14.35966	1792.598	14.35966	99.793
070819BK-01-441	268.1284	18144.62	1.732232	11.08145	1.008426	3.129907	1.316038	0.254901	0.613685	0.466313	1463.703	8.035757	1440.072	10.12754	1406.157	22.29307	1406.157	22.29307	104.0925
070819BK-01-442	194.9454	8578.101	1.407925	16.34595	3.666945	0.823853	3.828264	0.100895	0.748686	0.195568	619.6544	4.423269	610.196	17.56043	576.1629	81.63603	619.6544	4.423269	107.5485
070819BK-01-443	275.5136	15865.96	1.854288	10.71727	0.834162	3.286749	1.142807	0.259057	0.633805	0.554603	1485.017	8.406679	1477.919	8.897183	1468.551	18.05649	1468.551	18.05649	101.1213
070819BK-01-444	121.0647	1995.943	2.60443	17.80896	4.405889	0.438021	7.659464	0.065276	1.251109	0.163342	407.629	4.941988	368.8557	23.6939	132.9101	NA		407.629	4.941988	306.6953
070819BK-01-445	279.641	17541.96	18.30118	13.11805	1.108216	1.960648	1.471652	0.188812	0.636744	0.432673	1114.935	6.519277	1102.105	9.896047	1077.742	26.61637	1077.742	26.61637	103.451
070819BK-01-446	876.0628	14326.41	4.629061	18.29734	1.128861	0.452712	1.469035	0.061316	0.709848	0.483207	383.6252	2.643711	379.1765	4.648442	353.1023	29.04579	383.6252	2.643711	108.6442
070819BK-01-447	389.7962	42199.83	3.319017	7.80106	0.644934	6.602733	1.067801	0.373953	0.847675	0.793851	2047.973	14.87282	2059.712	9.416435	2072.233	11.43894	2072.233	11.43894	98.82929
070819BK-01-448	280.8799	2663.15	3.333005	15.41781	6.49872	0.251335	9.53246	0.030641	1.507788	0.158174	194.5566	2.889676	227.6602	19.44319	586.0921	204.675	194.5566	2.889676	33.19556
070819BK-01-449	266.6978	9169.721	2.202935	7.043826	0.600701	6.382566	0.890301	0.328899	0.629903	0.707517	1833.041	10.04992	2029.874	7.815622	2237.128	10.88531	2237.128	10.88531	81.93722
070819BK-01-450	113.4395	8866.93	1.441792	9.286542	1.232305	4.567703	1.517898	0.31165	0.742787	0.489352	1748.823	11.37712	1743.395	12.64494	1737.674	24.27151	1737.674	24.27151	100.6416
070819BK-01-451	398.8738	2559.607	2.936222	17.1998	4.267145	0.198471	5.871037	0.027506	1.142102	0.194532	174.9224	1.970932	183.832	9.872535	300.9395	131.4131	174.9224	1.970932	58.12544
070819BK-01-452	145.1934	16148.02	1.529428	5.320383	0.623618	13.73431	0.930874	0.534132	0.637562	0.684907	2758.837	14.30957	2731.562	8.810662	2712.164	11.18778	2712.164	11.18778	101.7209
070819BK-01-453	71.229	5882.041	2.284327	12.46839	3.109823	2.039246	3.41868	0.19085	0.886854	0.259414	1125.978	9.16233	1128.709	23.2953	1134.816	65.71627	1134.816	65.71627	99.22123
070819BK-01-454	113.7413	19645.21	1.005748	5.400078	0.686686	12.54291	1.025971	0.494804	0.746577	0.727678	2591.425	15.93097	2645.95	9.648602	2688.616	11.63022	2688.616	11.63022	96.38509
070819BK-01-455	111.03	9322.737	1.293329	9.012793	1.497737	4.97368	1.901703	0.33071	0.669149	0.351869	1841.822	10.72027	1814.858	16.07847	1784.816	32.44828	1784.816	32.44828	103.1939
070819BK-01-456	445.5402	3314.643	3.486464	18.3977	2.833007	0.407783	3.463094	0.059469	0.944946	0.272862	372.3967	3.419238	347.2774	10.18596	183.4763	77.60617	372.3967	3.419238	202.9672
070819BK-01-457	882.2122	35243.72	3.320787	10.27855	0.862995	3.738564	1.275231	0.280811	0.928476	0.728084	1595.444	13.12255	1579.666	10.21625	1559.461	16.3975	1559.461	16.3975	102.3074
070819BK-01-458	63.84896	2128.9	2.476179	8.701373	2.534835	5.182308	2.782554	0.347408	0.93313	0.33535	1922.208	15.50963	1849.715	23.68781	1769.919	47.87721	1769.919	47.87721	108.6043
070819BK-01-459	427.5756	50717.62	30.30195	3.263136	0.880619	29.26571	1.460041	0.695492	1.163661	0.797006	3403.532	30.77119	3462.472	14.33613	3497.416	13.63514	3497.416	13.63514	97.31563
070819BK-01-460	167.6071	11145.67	2.178619	5.778029	0.887396	12.07775	1.261325	0.511155	0.88952	0.705226	2661.557	19.39629	2610.461	11.8285	2571.773	14.94937	2571.773	14.94937	103.4911
070819BK-01-461	747.4424	4989.453	1.74851	18.68703	2.491651	0.33029	3.290498	0.047422	0.919086	0.279315	298.6745	2.682453	289.7872	8.295648	219.7376	73.1244	298.6745	2.682453	135.9233
070819BK-01-462	74.26173	4518.429	0.795743	5.28228	1.043851	14.11903	1.507478	0.547812	0.921453	0.611255	2816.067	21.02357	2757.734	14.2952	2716.017	19.66933	2716.017	19.66933	103.6837
070819BK-01-463	62.57254	615.8288	1.746237	12.50325	11.03006	0.678798	12.73865	0.087236	1.797471	0.141104	539.1702	9.297212	526.0476	52.34558	470.4792	280.104	539.1702	9.297212	114.6002
070819BK-01-464	344.4188	6425.326	2.337728	17.63261	3.473321	0.408882	4.398388	0.0544	0.875822	0.199123	341.4794	2.912919	348.0699	12.96196	393.2426	96.71166	341.4794	2.912919	86.83684
070819BK-01-465	215.128	32158.85	2.767829	6.795438	0.646868	8.274389	0.954872	0.40838	0.696546	0.729466	2207.51	13.02006	2261.519	8.650398	2311.468	11.20826	2311.468	11.20826	95.50251
070819BK-01-466	115.9063	10063.55	3.351193	7.727542	0.994333	6.551116	1.275555	0.370075	0.670442	0.525608	2029.751	11.67414	2052.795	11.23702	2076.768	19.10823	2076.768	19.10823	97.73604
070819BK-01-467	223.5527	3804.523	5.784678	16.02579	4.26951	0.755955	5.930846	0.093319	0.798858	0.134695	575.1365	4.395527	571.6735	25.93125	558.8547	128.2393	575.1365	4.395527	102.9134
070819BK-01-468	69.08865	7675.09	2.447459	7.402541	1.234639	7.439987	1.684212	0.403398	0.801375	0.475816	2184.667	14.84936	2165.793	15.0761	2148.695	25.87661	2148.695	25.87661	101.6741
070819BK-01-469	292.0072	27286.05	1.944451	6.788202	0.653884	8.557909	1.04024	0.421489	0.74365	0.714883	2267.237	14.21446	2292.094	9.457599	2315.061	12.47772	2315.061	12.47772	97.9342
070819BK-01-470	325.8641	5925.085	2.570876	16.99622	3.086524	0.544605	3.396034	0.06986	0.745041	0.219386	435.3134	3.136184	441.4561	12.15869	474.592	73.32137	435.3134	3.136184	91.72371
070819BK-01-471	83.07007	6422.94	2.777543	10.02124	2.510309	3.293105	2.810218	0.243786	0.831588	0.295916	1406.347	10.50725	1479.424	21.89129	1586.649	50.18467	1586.649	50.18467	88.63631
070819BK-01-472	136.9896	10024.8	3.834266	10.70156	1.313522	3.372687	1.859623	0.265039	0.658078	0.353877	1515.573	8.88796	1498.073	14.56506	1474.211	33.00212	1474.211	33.00212	102.8057
070819BK-01-473	189.6382	25074.91	5.135303	8.324117	0.760534	6.367819	1.207059	0.385172	0.841674	0.697293	2100.4	15.08739	2027.844	10.59317	1955.554	15.44928	1955.554	15.44928	107.4069
070819BK-01-474	255.8304	5536.727	2.254693	17.61653	4.329438	0.408189	4.648465	0.054557	0.767304	0.165066	342.4366	2.558962	347.5699	13.68251	382.9775	103.0596	342.4366	2.558962	89.41428
070819BK-01-475	75.78813	5566.751	2.204618	11.04159	2.018917	3.15328	2.433697	0.25905	0.76624	0.314846	1484.977	10.16304	1445.802	18.76364	1389.473	44.33877	1389.473	44.33877	106.8734
070819BK-01-476	253.2071	3702.177	3.95533	17.24808	3.151034	0.489721	3.662702	0.065571	0.737282	0.201295	409.4199	2.924721	404.7205	12.22634	378.9456	80.7074	409.4199	2.924721	108.0419
070819BK-01-477	78.21872	2882.209	2.30613	12.66351	6.83577	0.983981	9.04297	0.095998	1.027518	0.113626	590.9125	5.80176	695.6445	45.57028	1051.612	181.4016	590.9125	5.80176	56.19111
070819BK-01-478	238.5543	22196.38	4.81767	9.272375	0.798166	4.722588	1.115947	0.318074	0.689033	0.617443	1780.318	10.71883	1771.256	9.351326	1761.368	16.04868	1761.368	16.04868	101.0759
070819BK-01-479	233.6876	3411.758	2.253113	14.5255	7.117112	0.351155	9.229454	0.039249	1.106702	0.11991	248.179	2.694404	305.5896	24.36032	771.6021	193.2535	248.179	2.694404	32.16412
070819BK-01-480	86.80207	10612.08	1.455507	9.955582	1.57757	3.969349	2.247827	0.28914	0.979461	0.435737	1637.23	14.16166	1627.952	18.23305	1616.778	37.67461	1616.778	37.67461	101.265
070819BK-01-481	461.6474	8664.6	20.21281	18.36636	2.467337	0.444211	2.762292	0.060782	0.840132	0.304143	380.3791	3.103232	373.2171	8.627168	329.957	59.70265	380.3791	3.103232	115.2814
070819BK-01-482	269.659	18645.77	4.081244	10.92294	0.952494	3.103893	1.256425	0.246569	0.766389	0.609976	1420.757	9.772144	1433.656	9.649174	1453.661	18.94261	1453.661	18.94261	97.73644
070819BK-01-483	360.031	27098.89	6.55289	9.134469	0.764636	4.92421	1.136237	0.325947	0.81104	0.713795	1818.706	12.85233	1806.415	9.589984	1793.036	14.48989	1793.036	14.48989	101.4317
070819BK-01-484	357.1839	25797.13	2.647199	12.51906	0.895709	2.217978	1.193042	0.201676	0.756229	0.633866	1184.315	8.181591	1186.732	8.349672	1191.999	18.21206	1191.999	18.21206	99.35536
070819BK-01-485	40.50291	2942.376	1.854267	10.972	8.493655	2.96621	9.156907	0.247744	1.081298	0.118086	1426.831	13.84019	1399.006	69.64424	1357.669	175.6265	1357.669	175.6265	105.0942
070819BK-01-486	185.0951	3337.437	18.54573	17.48985	4.140642	0.594301	5.442952	0.081297	1.029434	0.189131	503.8618	4.989395	473.6108	20.60442	330.6059	121.3146	503.8618	4.989395	152.4056
070819BK-01-487	178.1749	4539.79	46.27047	16.43325	5.029092	0.67558	6.029206	0.084633	0.919384	0.152488	523.7177	4.62458	524.0993	24.68807	526.7384	130.7413	523.7177	4.62458	99.42653
070819BK-01-488	45.87514	6016.758	1.479392	7.878358	2.174426	6.738919	2.378927	0.390202	0.784069	0.329589	2123.767	14.18681	2077.74	21.03697	2033.177	39.75096	2033.177	39.75096	104.4556
070819BK-01-489	441.3586	28722.87	2.305719	13.96711	1.111816	1.628984	1.347381	0.165475	0.694567	0.515494	987.1307	6.357139	981.4668	8.477332	969.7221	23.54893	969.7221	23.54893	101.7952
070819BK-01-490	387.8949	29046.41	2.70848	10.64924	0.804729	3.484563	1.124497	0.269516	0.637986	0.567353	1538.344	8.731237	1523.725	8.872117	1504.287	17.49728	1504.287	17.49728	102.264
070819BK-01-491	120.7723	10004.93	3.205876	10.2039	1.169641	3.583113	1.644873	0.268134	0.941117	0.572152	1531.326	12.82773	1545.797	13.05828	1566.441	25.28385	1566.441	25.28385	97.7583
070819BK-01-492	91.37501	3900.857	2.505614	12.28307	4.487261	1.676539	5.333621	0.156004	1.793172	0.336202	934.5326	15.59975	999.6695	33.93546	1146.273	99.84546	1146.273	99.84546	81.52792
070819BK-01-493	302.3819	7914.79	1.445482	17.00764	2.151416	0.551132	3.352335	0.070118	0.965378	0.287972	436.8683	4.077697	445.7379	12.09497	492.7594	70.8001	436.8683	4.077697	88.65754
070819BK-01-494	193.2547	11901.87	3.855036	12.39331	1.798614	2.144045	1.960569	0.195432	0.731132	0.372918	1150.737	7.705235	1163.132	13.57635	1187.168	35.91545	1187.168	35.91545	96.93124
070819BK-01-495	33.40078	4923.705	0.839518	8.181846	3.118312	5.878823	3.441158	0.356723	0.886706	0.257677	1966.624	15.02931	1958.113	29.87006	1949.89	59.42857	1949.89	59.42857	100.8582
070819BK-01-496	92.2047	10687.41	3.518464	10.53297	2.044151	3.442443	2.297543	0.266641	0.815692	0.355028	1523.729	11.06925	1514.144	18.07942	1501.571	40.60602	1501.571	40.60602	101.4756
070819BK-01-497	173.1336	1723.94	6.379801	11.08801	15.34229	0.338324	16.55417	0.029925	1.754796	0.106003	190.0792	3.286807	295.9013	42.51705	1246.312	324.4885	190.0792	3.286807	15.25134
070819BK-01-498	179.3205	2018.391	2.829126	12.78221	8.193456	0.291702	10.02169	0.02974	1.95992	0.195568	188.9179	3.648912	259.8984	22.98383	962.3031	201.2096	188.9179	3.648912	19.63185
070819BK-01-499	148.2157	15951.48	4.473851	5.355883	0.647552	13.16002	0.888847	0.513313	0.600598	0.675705	2670.76	13.13278	2691.194	8.38802	2707.282	10.8129	2707.282	10.8129	98.65095
070819BK-01-500	213.02	20332.39	2.484614	8.78642	0.751143	5.235672	1.041707	0.335956	0.663235	0.636682	1867.185	10.75169	1858.442	8.88128	1849.446	14.52633	1849.446	14.52633	100.9592
070819BK-01-501	396.229	27727.34	3.935355	12.94525	0.969126	2.017112	1.192253	0.19067	0.669465	0.561513	1125.001	6.91093	1121.288	8.093681	1114.948	19.67398	1114.948	19.67398	100.9017
070819BK-01-502	273.1994	3230.407	1.015508	16.58725	3.698344	0.381881	5.667442	0.049665	0.761622	0.134386	312.4616	2.323023	328.4211	15.90413	444.0679	124.9437	312.4616	2.323023	70.36347
070819BK-01-503	158.4485	1339.688	3.005703	11.66543	8.31074	0.313947	13.37494	0.030324	1.888249	0.141178	192.5749	3.582517	277.2353	32.45994	1071.749	267.1103	192.5749	3.582517	17.96829
070819BK-01-504	160.2597	12294.96	11.6273	11.97796	1.808905	2.521456	2.232837	0.222118	0.744584	0.33347	1293.057	8.723745	1278.24	16.23503	1254.248	41.1619	1254.248	41.1619	103.0942
070819BK-01-505	159.9248	7334.754	0.724139	7.724789	0.707017	6.362165	1.543252	0.361525	0.605327	0.392241	1989.4	10.36148	2027.064	13.54229	2066.386	25.0279	2066.386	25.0279	96.27435
070819BK-01-506	125.0594	13236.38	2.638835	9.028585	1.131584	4.926551	1.475853	0.325489	0.688106	0.466243	1816.478	10.89266	1806.816	12.45764	1796.463	23.76354	1796.463	23.76354	101.1141
070819BK-01-507	162.9953	3788.354	5.306887	9.476602	1.162404	3.769179	2.309351	0.268302	1.46939	0.636278	1532.177	20.03815	1586.205	18.53409	1659.582	32.99201	1659.582	32.99201	92.32302
070819BK-01-508	580.1618	7871.956	4.549109	17.89545	2.239694	0.419225	2.977317	0.056287	0.820706	0.275653	353.0076	2.819259	355.4965	8.930212	372.7375	64.42332	353.0076	2.819259	94.70673
070819BK-01-509	433.3147	9161.907	0.749109	17.94383	2.325484	0.504468	2.821761	0.067593	0.679444	0.240787	421.639	2.773122	414.7224	9.607574	377.376	61.61827	421.639	2.773122	111.7291
070819BK-01-510	294.8661	42422.87	1.800532	5.00533	0.527804	14.87358	0.768595	0.540766	0.552995	0.719488	2786.653	12.51159	2807.185	7.312661	2822.668	8.715919	2822.668	8.715919	98.7241
070819BK-01-511	222.37	5266.79	1.356052	16.0103	2.882784	0.861617	4.827657	0.104737	0.703353	0.145692	642.1076	4.298644	631.0052	22.69147	592.3444	103.5961	642.1076	4.298644	108.4011
070819BK-01-512	46.52388	1801.166	3.219939	12.6305	7.934703	1.734302	8.590089	0.176551	0.940806	0.109522	1048.103	9.100752	1021.35	55.37785	965.3573	174.6433	965.3573	174.6433	108.5716
070819BK-01-513	27.91466	1713.904	-344.423	11.47105	8.843961	2.09385	12.0284	0.19242	1.643445	0.13663	1134.469	17.096	1146.79	82.84115	1171.045	236.6995	1171.045	236.6995	96.8767
070819BK-01-514	63.6328	2024.779	1.037565	7.390529	1.304155	6.972826	1.765732	0.392381	0.685472	0.388209	2133.862	12.45256	2107.975	15.68143	2083.556	28.63186	2083.556	28.63186	102.4144
070819BK-01-515	170.9155	21373.32	1.722226	8.114452	0.740315	6.082921	1.03506	0.359362	0.658068	0.635777	1979.15	11.21467	1987.802	9.026239	1997.57	14.19596	1997.57	14.19596	99.07789
070819BK-01-516	118.9052	3120.202	2.716181	14.42994	6.15248	0.821985	7.310821	0.092048	0.969129	0.132561	567.6353	5.265876	609.1551	33.50214	767.6559	152.8257	567.6353	5.265876	73.94398
070819BK-01-517	27.80255	1560.604	0.557187	8.875032	3.246287	4.683981	5.083201	0.326423	1.348359	0.265258	1821.021	21.39065	1764.382	42.55827	1698.757	90.35453	1698.757	90.35453	107.1972
070819BK-01-518	170.8881	10930.53	2.365636	6.09276	0.786259	9.565148	1.056446	0.425133	0.606893	0.574467	2283.738	11.67078	2393.827	9.711956	2489.596	14.57334	2489.596	14.57334	91.73128
070819BK-01-519	83.48463	3003.932	1.860481	10.18251	3.372266	3.157841	4.011227	0.244421	0.743167	0.185272	1409.639	9.409701	1446.917	30.94311	1502.93	74.52676	1502.93	74.52676	93.79273
070819BK-01-520	509.8881	6296.942	22.83059	17.36529	2.427847	0.487668	3.170631	0.06388	0.656219	0.206968	399.1778	2.540028	403.3202	10.55382	428.0651	69.17759	399.1778	2.540028	93.25166
070819BK-01-521	300.0383	17399.76	4.648226	9.327421	0.630258	4.007891	1.105078	0.272649	0.852038	0.771021	1554.235	11.76721	1635.797	8.980387	1743.078	12.89322	1743.078	12.89322	89.16613
070819BK-01-522	353.0238	17761.86	7.318259	11.87136	0.858041	2.483583	1.176262	0.215484	0.769746	0.6544	1257.967	8.796929	1267.26	8.515238	1283.895	17.30667	1283.895	17.30667	97.98055
070819BK-01-523	312.4825	23865.28	0.773527	9.89194	0.725867	3.444095	1.105321	0.248072	0.72251	0.653666	1428.526	9.257653	1514.521	8.698023	1637.695	15.53384	1637.695	15.53384	87.22788
070819BK-01-524	243.7068	18475.39	5.791401	9.245905	0.800502	4.791355	1.202879	0.321821	0.73262	0.609055	1798.617	11.49845	1783.385	10.10519	1766.386	17.42947	1766.386	17.42947	101.8247
070819BK-01-525	53.36098	2154.114	2.385563	12.23509	4.025143	1.947916	5.380758	0.186704	0.8728	0.162208	1103.498	8.85208	1097.729	36.117	1087.189	106.4724	1087.189	106.4724	101.5001
070819BK-01-526	99.98319	4730.568	1.613569	12.6177	2.395688	1.93608	4.087977	0.183018	0.793357	0.194071	1083.442	7.912071	1093.644	27.37783	1114.858	80.07916	1114.858	80.07916	97.1821
070819BK-01-527	233.1316	11502.58	2.864581	13.03407	1.238809	1.997001	1.50036	0.191038	0.72171	0.481025	1126.993	7.462332	1114.497	10.15152	1091.057	26.34884	1091.057	26.34884	103.2937
070819BK-01-528	135.7999	10148.84	3.833637	9.944415	1.274015	5.001269	1.735068	0.327284	0.723056	0.416731	1825.205	11.49349	1819.537	14.68297	1813.83	28.64914	1813.83	28.64914	100.6271
070819BK-01-529	260.4451	27638.66	2.670309	9.355814	0.77135	4.579533	1.042579	0.311166	0.695384	0.666985	1746.441	10.63844	1745.55	8.689058	1745.262	14.22835	1745.262	14.22835	100.0675
070819BK-01-530	132.185	1868.274	2.891863	8.5607	1.117281	5.115064	4.598191	0.33743	0.829701	0.180441	1874.296	13.4944	1838.61	39.07341	1799.227	82.33485	1799.227	82.33485	104.1723
070819BK-01-531	47.00467	4589.35	1.827513	8.65877	2.548226	5.32356	3.515365	0.341885	0.798715	0.227207	1895.731	13.11823	1872.653	30.05852	1847.914	61.93952	1847.914	61.93952	102.5876
070819BK-01-532	323.1666	30495.43	4.21806	9.044991	0.643802	4.995785	0.932724	0.32794	0.658544	0.706044	1828.391	10.48382	1818.609	7.891316	1808.197	12.00446	1808.197	12.00446	101.1168
070819BK-01-533	123.1646	757.7774	3.361881	13.23603	14.83692	0.230344	31.21458	0.029569	2.694862	0.086333	187.8489	4.989223	210.483	59.40644	473.0076	NA		187.8489	4.989223	39.71372
070819BK-01-534	366.1167	39125.77	11.79351	8.774272	0.584427	5.33967	0.884354	0.33912	0.609832	0.689579	1882.435	9.955488	1875.236	7.563306	1868.039	11.55728	1868.039	11.55728	100.7707
070819BK-01-535	48.31597	1101.775	2.017912	12.80139	8.640775	0.929953	20.0998	0.103149	1.655828	0.08238	632.8368	9.98078	667.6101	98.65052	787.7242	424.5324	632.8368	9.98078	80.33736

Unit: KJf
Sample: 071820BK-01

				Isotope ratios						Apparent ages (Ma)								
Analysis	U (ppm)	206Pb 204Pb	U/Th	206Pb* 207Pb*	± (%)	207Pb* 235U	± (%)	206Pb* 238U	± (%)	error corr.	206Pb* 238U	± (Ma)	207Pb* 235U	± (Ma)	206Pb* 207Pb*	± (Ma)	Best age (Ma)	± (Ma)	Conc (%)

071820BK-01-1	205.4446	1838.648	2.679402	13.26299	8.598948	0.657202	13.22535	0.069155	1.354143	0.10239	431.0616	5.646309	512.9011	53.30394	897.368	272.5477	431.0616	5.646309	48.03621
071820BK-01-2	107.3954	1489.351	0.790302	13.88366	8.153572	0.962336	12.43027	0.109801	1.564486	0.125861	671.5898	9.978147	684.5057	61.97303	728.1437	262.2947	671.5898	9.978147	92.23314
071820BK-01-3	155.9033	6858.386	0.883884	8.541134	2.493102	5.699465	2.91719	0.351932	1.043514	0.357712	1943.819	17.51144	1931.287	25.20448	1918.631	48.86482	1918.631	48.86482	101.3128
071820BK-01-4	52.77569	3645.182	2.188136	4.849198	1.552248	16.26622	2.37653	0.56949	1.11863	0.470699	2905.724	26.16581	2892.574	22.7371	2884.124	34.05111	2884.124	34.05111	100.7489
071820BK-01-5	518.6163	4795.606	1.50891	16.94756	3.282637	0.533051	4.563308	0.067703	1.021057	0.223754	422.3029	4.173751	433.8322	16.11232	496.4567	98.05208	422.3029	4.173751	85.06338
071820BK-01-6	127.7045	1197.801	1.494878	13.73718	10.00998	0.563803	12.11656	0.066194	2.397487	0.197869	413.1828	9.595224	453.999	44.38449	667.2611	255.1292	413.1828	9.595224	61.9222
071820BK-01-7	142.131	7728.358	1.912936	9.907576	1.921126	4.166623	2.668588	0.29951	1.021341	0.382727	1688.877	15.17474	1667.482	21.85525	1641.44	45.76412	1641.44	45.76412	102.8899
071820BK-01-8	106.0731	5995.421	1.453372	8.696283	2.577116	5.316208	2.906224	0.33609	0.909109	0.312814	1867.833	14.74195	1871.472	24.84227	1876.284	49.76778	1876.284	49.76778	99.54957
071820BK-01-9	542.0134	9089.06	1.985375	16.80667	4.271299	0.537728	4.685735	0.066282	0.946374	0.201969	413.7164	3.792314	436.9254	16.63909	562.0774	100.022	413.7164	3.792314	73.60488
071820BK-01-10	156.5879	2593.601	3.831892	14.49159	5.958615	1.046604	6.799435	0.118993	0.967707	0.142322	724.7636	6.633696	727.1987	35.32046	735.6543	142.6194	724.7636	6.633696	98.5196
071820BK-01-11	144.6644	2526.926	2.450763	14.99836	6.264564	0.813822	7.834753	0.096425	1.119058	0.142833	593.4253	6.344282	604.5958	35.70828	647.6517	166.789	593.4253	6.344282	91.62722
071820BK-01-12	156.904	3360.738	5.399732	12.80463	3.040942	1.893123	4.729807	0.185086	0.843976	0.178438	1094.702	8.497146	1078.679	31.43576	1047.341	93.89549	1047.341	93.89549	104.522
071820BK-01-13	107.9768	861.1198	3.739709	12.30427	11.51965	0.631124	14.3175	0.070616	2.120737	0.148122	439.8648	9.017241	496.7961	56.30798	769.4083	299.5163	439.8648	9.017241	57.16924
071820BK-01-14	109.4202	368.7295	1.673514	8.226036	19.21016	0.312494	31.27613	0.027069	5.679605	0.181596	172.1752	9.649443	276.112	75.75156	1287.088	613.4592	172.1752	9.649443	13.37711
071820BK-01-15	326.2459	12093.59	2.219823	13.38522	2.130427	1.864637	2.495508	0.183128	0.679694	0.272367	1084.04	6.781948	1068.631	16.49498	1038.177	48.47623	1038.177	48.47623	104.4177
071820BK-01-16	121.15	1550.102	1.371336	13.10903	11.83052	0.629987	12.40637	0.067841	1.729606	0.139413	423.1344	7.083538	496.0878	48.72539	849.5468	256.3147	423.1344	7.083538	49.80707
071820BK-01-17	196.5445	4938.972	1.974486	11.42085	2.902823	2.173038	4.082553	0.185377	2.177926	0.533472	1096.28	21.95642	1172.452	28.39664	1316.776	66.95008	1316.776	66.95008	83.25487
071820BK-01-18	82.44352	4704.787	1.230232	7.914381	3.110776	6.319918	3.709669	0.369737	1.15199	0.310537	2028.162	20.04583	2021.221	32.53261	2014.895	62.55155	2014.895	62.55155	100.6585
071820BK-01-19	51.81666	3129.522	1.845728	7.218253	3.487326	7.96399	4.702693	0.427435	1.329879	0.282791	2294.145	25.67123	2226.954	42.44815	2166.464	78.67632	2166.464	78.67632	105.8935
071820BK-01-20	91.24649	793.639	0.673532	13.31931	9.703264	0.56645	25.73906	0.071991	2.291143	0.089014	448.1416	9.91881	455.7161	94.78216	495.0808	NA	448.1416	9.91881	90.51888
071820BK-01-21	276.4271	11842.63	1.553211	9.573496	1.708617	4.14855	2.135264	0.289665	1.018357	0.476923	1639.857	14.74479	1663.923	17.47172	1695.215	34.59672	1695.215	34.59672	96.7344
071820BK-01-22	120.7704	1562.85	2.075596	13.02854	14.66412	0.690043	17.26871	0.073728	1.633356	0.094585	458.5765	7.229984	532.8261	71.71157	865.8179	358.9577	458.5765	7.229984	52.96454
071820BK-01-23	590.8925	18782.46	2.246291	10.96624	0.87483	3.079676	1.244061	0.246076	0.61978	0.498191	1418.206	7.890066	1427.647	9.535948	1442.561	20.55392	1442.561	20.55392	98.31171
071820BK-01-24	94.10132	880.2323	2.456528	11.29024	12.43106	0.759619	18.34119	0.075859	2.681587	0.146206	471.3576	12.18883	573.7903	80.56466	1004.38	371.1483	471.3576	12.18883	46.9302
071820BK-01-25	145.1306	2864.143	2.28076	11.80974	6.215154	1.928283	6.549572	0.174752	1.596363	0.243735	1038.243	15.30832	1090.944	43.81977	1198.537	125.352	1198.537	125.352	86.62581
071820BK-01-26	990.4369	8965.307	3.549798	17.74602	1.943112	0.553113	2.119036	0.073046	0.650002	0.306744	454.4809	2.852406	447.0336	7.662791	409.8441	45.13161	454.4809	2.852406	110.8912
071820BK-01-27	702.7764	5079.326	1.898015	16.49365	2.196149	0.599825	3.042916	0.074964	0.836079	0.274762	465.9934	3.758586	477.1224	11.58486	531.9564	64.06991	465.9934	3.758586	87.59992
071820BK-01-28	143.0168	2160.229	1.0672	13.93197	5.920308	1.123073	10.49078	0.124391	1.030238	0.098204	755.7891	7.347307	764.446	56.40627	790.7303	219.6195	755.7891	7.347307	95.58115
071820BK-01-29	147.6034	3013.924	2.786395	12.94409	6.545726	1.736779	7.3623	0.172714	0.833303	0.113185	1027.048	7.911461	1022.269	47.47496	1012.916	148.4507	1012.916	148.4507	101.3952
071820BK-01-30	161.9569	4741.396	2.615977	13.03069	4.085618	1.781264	5.531859	0.174225	0.796395	0.143965	1035.348	7.617382	1038.641	35.98892	1046.475	110.4713	1046.475	110.4713	98.93663
071820BK-01-31	438.297	24898.99	5.548322	8.835495	0.691207	5.208939	0.976811	0.332063	0.607714	0.622141	1848.373	9.765925	1854.079	8.321123	1861.254	13.80961	1861.254	13.80961	99.30794
071820BK-01-32	221.9987	8922.764	4.637915	5.45915	0.907847	12.75815	1.15402	0.502511	0.656052	0.568493	2624.576	14.14441	2661.96	10.86645	2691.192	15.68778	2691.192	15.68778	97.52466
071820BK-01-33	140.2495	1625.227	2.927258	11.64742	3.686291	2.171838	11.47863	0.201612	0.829283	0.072246	1183.976	8.969623	1172.068	79.97109	1151.021	228.0155	1151.021	228.0155	102.8631
071820BK-01-34	623.013	4689.95	1.228867	18.05107	2.826947	0.523206	3.71976	0.071671	1.08183	0.290833	446.2139	4.663998	427.2906	12.97426	327.447	80.78228	446.2139	4.663998	136.2706
071820BK-01-35	192.1073	5417.215	2.166303	10.94205	2.320405	3.110145	2.699506	0.250777	0.686067	0.254145	1442.479	8.867318	1435.202	20.74427	1425.243	49.87265	1425.243	49.87265	101.2094
071820BK-01-36	254.7474	5631.63	9.504153	13.37792	3.231873	1.628808	3.798522	0.161517	0.703748	0.185269	965.1996	6.308516	981.3988	23.90209	1018.68	75.63095	1018.68	75.63095	94.75002
071820BK-01-37	154.9338	7243.346	1.32975	7.897408	1.167767	6.293946	1.762908	0.36016	1.1081	0.628564	1982.932	18.91488	2017.611	15.44733	2054.042	24.20511	2054.042	24.20511	96.53801
071820BK-01-38	97.23914	2284.364	1.793818	12.46927	5.226796	1.856654	6.255632	0.1801	1.063594	0.170022	1067.522	10.4638	1065.798	41.30608	1063.167	124.1143	1063.167	124.1143	100.4096
071820BK-01-39	210.3951	5368.041	2.010234	11.53079	2.428548	2.621607	3.592348	0.223656	0.765725	0.213154	1301.165	9.022201	1306.715	26.41025	1316.661	68.0512	1316.661	68.0512	98.82304
071820BK-01-40	201.0062	3753.944	1.461715	13.08116	2.225419	1.866379	3.835957	0.184335	0.777898	0.202791	1090.613	7.805021	1069.249	25.36648	1026.787	75.97964	1026.787	75.97964	106.2161
071820BK-01-41	191.3903	4374.459	2.106663	12.22827	3.240217	2.113857	4.036758	0.192811	0.7743	0.191812	1136.584	8.068399	1153.335	27.83225	1185.835	78.29209	1185.835	78.29209	95.84669
071820BK-01-42	763.4035	22446.06	28.50172	12.85499	1.025352	1.961998	1.415164	0.183878	0.739352	0.52245	1088.126	7.402745	1102.568	9.518386	1132.025	24.026	1132.025	24.026	96.12206
071820BK-01-43	34.81331	1612.958	1.183719	8.397983	5.083833	4.917425	7.162318	0.320962	1.283147	0.179152	1794.425	20.09829	1805.251	60.50652	1818.547	128.0707	1818.547	128.0707	98.67358
071820BK-01-44	76.2398	654.5905	1.855676	8.600505	7.847405	0.937572	14.91954	0.071006	2.603082	0.174475	442.2163	11.12531	671.6106	73.43251	1543.962	277.6547	1543.962	277.6547	28.64165
071820BK-01-45	325.9457	6805.371	2.219414	12.67088	1.412646	2.124765	1.909954	0.199173	0.616095	0.322571	1170.876	6.596516	1156.886	13.18775	1131.637	36.00121	1131.637	36.00121	103.4674
071820BK-01-46	230.8848	4282.895	1.957085	13.56133	3.045244	1.692853	3.550109	0.173189	0.816992	0.230131	1029.66	7.774796	1005.84	22.66472	955.1696	70.64536	955.1696	70.64536	107.7986
071820BK-01-47	59.98566	276.7691	1.825876	4.694312	29.47171	0.653247	33.98517	0.028046	6.204668	0.18257	178.3065	10.91173	510.4751	137.1798	2547.789	578.1828	178.3065	10.91173	6.998479
071820BK-01-48	93.06658	5782.462	1.44607	6.433212	1.651478	9.862738	1.973772	0.46735	0.704383	0.356872	2471.929	14.46226	2422.032	18.19833	2381.096	31.41788	2381.096	31.41788	103.8148
071820BK-01-49	32.58648	1456.569	3.009943	9.364957	8.215162	3.848558	10.09412	0.287286	2.896904	0.286989	1627.954	41.67715	1602.966	81.52968	1571.08	181.5375	1571.08	181.5375	103.6201
071820BK-01-50	388.894	10259.64	1.802822	11.31646	1.204807	2.916581	1.457338	0.243538	0.56482	0.38757	1405.066	7.13078	1386.22	11.01981	1358.146	25.89719	1358.146	25.89719	103.4547
071820BK-01-51	29.2345	2009.609	2.486958	4.366925	2.581875	18.11668	3.29824	0.589132	1.301518	0.39461	2985.9	31.10457	2995.95	31.74825	3003.388	48.71378	3003.388	48.71378	99.41772
071820BK-01-52	102.004	3909.581	1.51228	9.878529	2.529099	3.83615	3.692859	0.28731	0.879541	0.238173	1628.07	12.65441	1600.365	29.75176	1564.877	67.25216	1564.877	67.25216	104.0382
071820BK-01-53	211.6017	2146.695	1.670711	15.12631	6.175982	0.817784	11.05928	0.100177	1.070977	0.09684	615.4442	6.286411	606.8116	50.56057	575.6381	239.9581	615.4442	6.286411	106.9151
071820BK-01-54	174.0259	3846.173	4.310415	13.36244	4.041556	1.600219	4.824768	0.163597	0.91238	0.189103	976.7342	8.269256	970.2958	30.15807	956.6132	96.92789	956.6132	96.92789	102.1034
071820BK-01-55	120.8542	2304.535	0.948472	14.74238	5.939171	0.962781	8.02528	0.113719	1.449578	0.180626	694.3106	9.541523	684.7361	39.99174	654.3439	169.5966	694.3106	9.541523	106.1079
071820BK-01-56	467.1506	20442.81	2.239547	11.21698	0.968706	2.871462	1.21353	0.236019	0.659272	0.543268	1365.966	8.115301	1374.455	9.13945	1388.488	19.55639	1388.488	19.55639	98.37794
071820BK-01-57	98.52534	2251.628	3.087759	12.0336	9.429708	1.601001	10.40539	0.151574	1.24634	0.119778	909.7804	10.57519	970.6008	65.12295	1111.814	206.8292	1111.814	206.8292	81.82846
071820BK-01-58	188.9705	2063.288	4.32092	14.55572	5.763498	0.646466	11.19827	0.075858	1.323249	0.118165	471.3525	6.014601	506.3018	44.67391	668.4146	238.7247	471.3525	6.014601	70.51799
071820BK-01-59	287.0761	3999.043	1.352093	15.19466	4.492845	0.925428	5.061927	0.107707	0.946336	0.186952	659.4173	5.931746	665.2263	24.70852	685.9084	106.1784	659.4173	5.931746	96.1378
071820BK-01-60	135.8646	3083.012	2.001444	12.82411	6.075169	1.667423	6.615404	0.164544	1.008556	0.152456	981.9816	9.186406	996.2053	42.01341	1028.512	132.3392	1028.512	132.3392	95.47593
071820BK-01-61	455.7257	12102.58	2.800079	12.79115	1.380492	2.043963	2.018599	0.19162	0.744262	0.368702	1130.143	7.715194	1130.284	13.76386	1131.439	37.34777	1131.439	37.34777	99.88552
071820BK-01-62	421.4239	4247.811	1.816575	16.07995	3.306838	0.777487	3.769085	0.095276	0.842754	0.223596	586.6657	4.725847	584.0489	16.74141	574.8138	79.91235	586.6657	4.725847	102.0619
071820BK-01-63	232.7154	2620.762	0.626962	16.25137	4.857115	0.67982	8.491834	0.087467	1.203482	0.141722	540.5418	6.240049	526.6655	34.90869	467.9454	186.4258	540.5418	6.240049	115.5139
071820BK-01-64	274.1241	2599.114	1.411836	14.79104	7.814573	0.588711	8.383205	0.068338	1.272671	0.151812	426.134	5.247921	470.0441	31.55273	691.5046	176.9746	426.134	5.247921	61.62418
071820BK-01-65	238.556	3521.186	1.069189	14.60078	5.391817	0.713722	6.932497	0.079672	1.455466	0.209948	494.1642	6.923633	546.954	29.32439	774.3071	142.7559	494.1642	6.923633	63.82019
071820BK-01-66	39.66662	602.9284	1.25998	5.699565	30.49282	1.983719	31.23152	0.092595	5.457591	0.174746	570.8659	29.81608	1109.987	213.9472	2406.707	536.7507	2406.707	536.7507	23.71979
071820BK-01-67	159.0719	5134.63	1.740699	10.81758	2.0985	3.078402	2.793283	0.246963	0.946142	0.33872	1422.796	12.07963	1427.329	21.41137	1434.908	50.13748	1434.908	50.13748	99.15595
071820BK-01-68	204.239	1135.338	1.730847	13.05388	7.477123	0.517427	8.379559	0.058287	1.825212	0.217817	365.2021	6.480416	423.4308	29.02087	755.1418	172.8676	365.2021	6.480416	48.36205
071820BK-01-69	362.0489	3304.119	2.235189	15.07697	5.256102	0.565224	6.702496	0.065798	1.043238	0.155649	410.7905	4.151834	454.9213	24.58078	685.4622	141.4869	410.7905	4.151834	59.92899
071820BK-01-70	409.2652	3365.108	1.269295	16.60122	5.409887	0.453088	7.872701	0.058291	1.365783	0.173483	365.2256	4.849516	379.4396	24.93054	468.0759	171.9053	365.2256	4.849516	78.02701
071820BK-01-71	328.3651	3735.785	1.313757	16.95964	5.173539	0.534421	6.779707	0.069811	1.170294	0.172617	435.0189	4.923025	434.7395	23.98063	434.2085	148.8887	435.0189	4.923025	100.1866
071820BK-01-72	264.2872	2371.474	1.460491	16.20608	7.371433	0.510265	9.971802	0.066056	2.409715	0.241653	412.3511	9.625366	418.6275	34.22242	454.3461	215.2127	412.3511	9.625366	90.75705
071820BK-01-73	232.4084	7530.684	2.100231	11.03809	1.823281	2.966288	2.185771	0.240419	0.73766	0.337483	1388.874	9.216694	1399.026	16.59978	1415.346	39.35322	1415.346	39.35322	98.12965
071820BK-01-74	307.1934	4093.914	1.985477	16.84084	4.448742	0.527194	5.214274	0.067693	0.902567	0.173096	422.2404	3.688875	429.9457	18.27877	472.3921	113.6954	422.2404	3.688875	89.38345
071820BK-01-75	312.6719	4031.011	2.10301	15.56766	5.639802	0.589931	6.179031	0.069687	0.926348	0.149918	434.272	3.89036	470.8236	23.28356	654.0944	131.194	434.272	3.89036	66.39286
071820BK-01-76	305.5499	4424.463	0.783922	15.86149	3.796494	0.897231	5.115829	0.107533	0.888507	0.173678	658.4024	5.561125	650.2465	24.57054	622.9562	108.7441	658.4024	5.561125	105.69
071820BK-01-77	281.395	6622.984	3.3387	13.84924	2.295526	1.592479	2.672952	0.162861	0.719493	0.269176	972.6546	6.495815	967.2688	16.67319	955.9205	52.64221	955.9205	52.64221	101.7506
071820BK-01-78	991.7393	9980.256	1.642069	17.08597	1.767162	0.56593	2.064843	0.070603	0.757598	0.366904	439.7851	3.220695	455.3791	7.577319	535.8015	42.05412	439.7851	3.220695	82.07986
071820BK-01-79	386.9018	5272.596	1.179335	16.19174	4.360731	0.697652	5.405696	0.082985	0.846939	0.156675	513.9163	4.183582	537.3877	22.56021	639.2369	114.8917	513.9163	4.183582	80.39528
071820BK-01-80	137.5338	934.2356	2.405242	11.71553	13.30362	0.442744	15.6903	0.044376	1.891589	0.120558	279.9021	5.181298	372.1856	48.92837	996.9966	318.3062	279.9021	5.181298	28.07452
071820BK-01-81	91.08146	3552.937	1.141458	8.464116	2.805092	5.688556	3.285922	0.345961	0.844935	0.257138	1915.281	14.00027	1929.632	28.38376	1945.843	56.7794	1945.843	56.7794	98.42939
071820BK-01-82	423.5017	5843.788	9.115734	15.27563	3.539663	0.96477	3.915243	0.107102	0.714879	0.182589	655.8948	4.458207	685.7645	19.52334	785.9379	80.84574	655.8948	4.458207	83.45377
071820BK-01-83	75.1115	798.208	2.197984	10.39784	10.89882	0.763461	15.40293	0.068067	2.908484	0.188827	424.4988	11.94876	576.0047	67.81084	1230.749	298.5184	424.4988	11.94876	34.49109
071820BK-01-84	129.1541	4741.381	3.022533	9.840591	3.004012	4.049899	3.853365	0.287534	0.911479	0.236541	1629.196	13.1219	1644.279	31.38845	1664.401	69.30833	1664.401	69.30833	97.88484
071820BK-01-85	212.925	4533.688	1.730333	15.04104	4.51264	1.294334	4.929799	0.143298	0.849435	0.172306	863.2875	6.863263	843.2172	28.24625	791.6317	101.9231	863.2875	6.863263	109.0517
071820BK-01-86	158.0839	3829.383	3.851467	13.92495	5.384027	1.651342	6.901219	0.17002	0.837661	0.121379	1012.221	7.846814	990.0654	43.67115	942.197	140.5289	942.197	140.5289	107.432
071820BK-01-87	608.1253	5026.341	2.516276	17.0172	3.666078	0.558139	3.949959	0.070022	0.727045	0.184064	436.2879	3.067053	450.3142	14.36771	523.52	85.18164	436.2879	3.067053	83.33739
071820BK-01-88	303.4851	10178.62	2.268518	10.88792	1.338945	3.260002	1.821037	0.251027	0.741957	0.407436	1443.77	9.597339	1471.564	14.15092	1512.695	31.39173	1512.695	31.39173	95.44352
071820BK-01-89	108.0211	1104.891	1.499395	12.79735	10.66936	0.627018	18.73634	0.067495	1.925591	0.102773	421.044	7.848491	494.2368	73.44446	850.365	390.5597	421.044	7.848491	49.51333
071820BK-01-90	429.9539	4022.767	2.078531	17.49076	2.653113	0.60537	3.701352	0.079242	0.96738	0.261358	491.5997	4.578827	480.6356	14.17307	429.6142	79.66996	491.5997	4.578827	114.4282
071820BK-01-91	407.7106	12277.24	1.42088	9.582533	1.050042	4.487048	1.266079	0.304611	0.551017	0.435216	1714.131	8.293689	1728.578	10.51304	1746.893	20.8759	1746.893	20.8759	98.12456
071820BK-01-92	1218.832	10831.68	2.335604	17.91547	2.514886	0.523349	3.109122	0.06734	0.627317	0.201766	420.1113	2.551388	427.3864	10.84617	467.778	67.44449	420.1113	2.551388	89.80997
071820BK-01-93	254.36	10071.5	2.580394	8.63066	0.982838	5.628494	1.2951	0.342385	0.559864	0.432294	1898.132	9.205315	1920.473	11.16678	1945.441	20.87702	1945.441	20.87702	97.56824
071820BK-01-94	439.8142	3797.159	2.096629	16.90376	3.834411	0.56872	4.973679	0.071477	0.735027	0.147783	445.0471	3.16085	457.1866	18.31083	519.6075	108.0188	445.0471	3.16085	85.65064
071820BK-01-95	235.9414	9215.812	2.056433	10.87322	1.450551	3.370249	2.162533	0.259037	0.654265	0.302546	1484.915	8.677531	1497.507	16.93514	1516.181	38.89116	1516.181	38.89116	97.93782
071820BK-01-96	539.8113	3996.451	1.906232	17.48769	3.652767	0.521469	4.407708	0.067733	0.733364	0.166382	422.4835	2.998996	426.1324	15.34056	446.8636	96.62968	422.4835	2.998996	94.54417
071820BK-01-97	347.7181	2752.408	7.865137	15.46589	5.098217	0.568625	8.57641	0.066568	1.095066	0.127684	415.4478	4.405931	457.1249	31.57783	673.3694	182.2257	415.4478	4.405931	61.69686
071820BK-01-98	633.5968	4929.352	13.579	17.42626	2.443944	0.530208	4.588282	0.067734	0.723135	0.157605	422.4872	2.95719	431.9475	16.14404	483.7006	100.1233	422.4872	2.95719	87.34477
071820BK-01-99	368.1144	5198.054	3.4974	15.98354	4.358867	0.792576	6.374502	0.09338	0.826718	0.129691	575.4975	4.551553	592.6322	28.6256	659.7333	135.5962	575.4975	4.551553	87.23185
071820BK-01-100	1346.102	25880.36	22.23478	13.76945	0.925871	1.590473	1.209151	0.155419	0.70209	0.580647	931.2707	6.088031	966.4825	7.538164	1048.346	19.86544	1048.346	19.86544	88.8324
071820BK-01-101	548.3239	5470.431	1.346642	16.21557	3.179528	0.586314	3.674226	0.069969	0.829903	0.225872	435.9692	3.498488	468.5108	13.78997	632.2274	77.10062	435.9692	3.498488	68.95767
071820BK-01-102	192.2516	3298.877	1.695107	14.44865	7.123196	1.005173	7.484665	0.109168	0.884019	0.118111	667.912	5.608884	706.4328	38.11493	831.843	155.1589	667.912	5.608884	80.29303
071820BK-01-103	222.1093	2714.102	1.419073	14.62457	3.635482	0.967407	4.42196	0.108588	0.838204	0.189555	664.5433	5.292734	687.1265	22.08148	762.6854	91.54219	664.5433	5.292734	87.13203
071820BK-01-104	112.152	2030.472	1.943102	12.23174	5.764519	1.921585	6.091655	0.182028	1.311051	0.215221	1078.044	13.01514	1088.619	40.70417	1110.687	118.9185	1110.687	118.9185	97.06096
071820BK-01-105	167.3655	5815.996	1.304309	9.509402	2.077309	4.25285	2.441014	0.292961	0.815798	0.334205	1656.308	11.91587	1684.288	20.06974	1720.092	42.28031	1720.092	42.28031	96.29183
071820BK-01-106	49.65724	3075.915	0.784211	5.396235	1.379955	13.19624	1.876592	0.515209	1.028039	0.547822	2678.831	22.53413	2693.788	17.71416	2705.734	25.90953	2705.734	25.90953	99.00568
071820BK-01-107	345.058	4171.614	1.423227	16.15007	4.429873	0.744063	5.453442	0.090165	0.771936	0.14155	556.5112	4.115705	564.7738	23.62798	599.139	116.956	556.5112	4.115705	92.88516
071820BK-01-108	313.3131	6021.715	1.338342	14.80006	2.94893	1.234911	4.033018	0.133283	0.911465	0.226001	806.5662	6.91026	816.5724	22.63119	844.849	81.7613	806.5662	6.91026	95.46868
071820BK-01-109	96.01798	2868.073	2.598929	11.19711	5.91945	2.876647	6.694155	0.241314	0.9562	0.142841	1393.526	11.98309	1375.814	50.47933	1349.252	128.0112	1349.252	128.0112	103.2814
071820BK-01-110	156.6321	5625.984	2.819898	11.39137	2.965347	2.752947	3.359282	0.228571	0.752217	0.223922	1327.003	9.021568	1342.886	25.0259	1369.107	63.0299	1369.107	63.0299	96.92471

071820BK-01-111	247.6427	1786.744	2.690597	15.21984	8.030293	0.545829	8.977264	0.067144	1.34614	0.14995	418.9282	5.460026	442.2605	32.19694	566.5302	193.5983	418.9282	5.460026	73.94631
071820BK-01-112	271.2385	1805.756	3.683331	16.26749	6.285822	0.528226	9.795787	0.070075	1.569821	0.160255	436.6085	6.627024	430.6316	34.39279	399.7329	217.1066	436.6085	6.627024	109.2251
071820BK-01-113	148.0874	8754.905	3.103661	5.554211	1.022986	12.54783	1.39627	0.499391	0.864214	0.618945	2611.18	18.55525	2646.318	13.13174	2674.004	18.15126	2674.004	18.15126	97.65058
071820BK-01-114	247.2348	2054.873	1.404362	15.13506	6.332186	0.497975	7.460858	0.059763	1.418315	0.190101	374.1816	5.155989	410.3307	25.18899	620.0443	158.2414	374.1816	5.155989	60.34756
071820BK-01-115	152.8504	3274.799	2.489185	12.47072	3.257425	2.085979	4.316945	0.194741	0.963244	0.223131	1147.008	10.12136	1144.204	29.63785	1139.753	83.70602	1139.753	83.70602	100.6366
071820BK-01-116	337.179	17764.87	2.330429	7.797405	0.844099	6.8321	1.24366	0.379467	0.771604	0.62043	2073.795	13.68285	2089.893	11.01602	2106.537	17.11692	2106.537	17.11692	98.44574
071820BK-01-117	178.8931	4594.049	2.477115	11.5053	2.16811	2.845604	3.733279	0.240299	1.130393	0.302788	1388.253	14.11804	1367.65	28.05697	1336.434	68.79625	1336.434	68.79625	103.8774
071820BK-01-118	355.1002	7006.643	1.472998	15.22159	3.089151	1.029709	3.963451	0.115135	1.153253	0.290972	702.5002	7.675777	718.782	20.41938	770.8376	79.85419	702.5002	7.675777	91.13466
071820BK-01-119	147.435	3920.826	1.643341	9.913948	1.962521	3.958108	3.020494	0.291895	0.756425	0.250431	1650.993	11.01753	1625.653	24.48859	1593.804	54.6206	1593.804	54.6206	103.5882
071820BK-01-120	315.0075	6586.88	2.054723	11.89404	2.457616	2.440959	2.751955	0.213879	0.678861	0.246683	1249.449	7.710657	1254.76	19.82473	1264.729	52.07892	1264.729	52.07892	98.79186
071820BK-01-121	304.0031	15456.43	2.325607	8.595879	0.661164	5.557039	1.068768	0.345532	0.637169	0.596171	1913.23	10.54794	1909.468	9.197309	1906.149	15.41372	1906.149	15.41372	100.3715
071820BK-01-122	200.6207	9005.009	2.86356	10.6442	2.249407	3.31663	2.743967	0.257688	0.692889	0.252514	1478	9.151722	1484.972	21.41043	1495.752	50.23661	1495.752	50.23661	98.81321
071820BK-01-123	345.961	5300.6	1.426575	11.92431	1.751137	2.262119	4.099243	0.200624	2.083821	0.508343	1178.672	22.44691	1200.566	28.87129	1241.04	69.18335	1241.04	69.18335	94.97455
071820BK-01-124	366.6764	18981.48	3.272059	5.759115	0.700341	11.55363	1.211659	0.482962	0.943617	0.778781	2540.154	19.81062	2568.929	11.32342	2592.429	12.67742	2592.429	12.67742	97.98355
071820BK-01-125	319.4048	2713.367	2.401277	15.68274	5.175984	0.563087	8.706466	0.069706	0.913848	0.104962	434.386	3.838838	453.5338	31.85713	552.7323	189.2806	434.386	3.838838	78.58885
071820BK-01-126	161.3055	6261.048	1.851528	11.67938	3.244474	2.581164	4.015695	0.223862	0.685837	0.170789	1302.25	8.086996	1295.312	29.39702	1284.662	77.07091	1284.662	77.07091	101.3691
071820BK-01-127	1052.666	25332.53	2.470135	10.98238	0.684266	3.067977	1.103765	0.245889	0.759294	0.687913	1417.237	9.660235	1424.73	8.452595	1436.756	15.27652	1436.756	15.27652	98.64146
071820BK-01-128	395.3682	4841.243	3.273143	16.67894	5.136997	0.541783	5.836305	0.068646	0.851493	0.145896	427.9952	3.526003	439.5997	20.82721	501.7827	127.2231	427.9952	3.526003	85.29493
071820BK-01-129	318.3241	4043.248	1.66085	14.84595	5.445535	0.668848	6.568711	0.075658	0.974035	0.148284	470.1541	4.416458	520.012	26.73753	746.3804	137.4256	470.1541	4.416458	62.99122
071820BK-01-130	136.8327	6956.818	0.909752	9.704091	1.956184	4.080596	2.423533	0.292838	0.745879	0.307765	1655.696	10.89106	1650.433	19.76709	1644.529	42.78532	1644.529	42.78532	100.679
071820BK-01-131	98.24215	8293.223	11.68397	6.158901	1.395156	9.625372	3.762028	0.431818	3.417287	0.908363	2313.908	66.43975	2399.599	34.61733	2473.866	26.55365	2473.866	26.55365	93.53407
071820BK-01-132	98.7758	10169.89	2.154777	4.418667	0.755369	18.27456	1.009548	0.585545	0.648179	0.642049	2971.334	15.43106	3004.301	9.719244	3027.125	12.41497	3027.125	12.41497	98.15698
071820BK-01-133	102.3313	4304.301	1.302377	9.355735	2.888519	4.303018	3.417423	0.299395	0.879187	0.257266	1688.306	13.05879	1693.939	28.16372	1701.705	60.83898	1701.705	60.83898	99.21263
071820BK-01-134	1022.386	31246.67	7.713296	12.21341	0.910439	2.405579	1.189206	0.213163	0.700753	0.589261	1245.646	7.937354	1244.266	8.529544	1242.712	18.83446	1242.712	18.83446	100.2361
071820BK-01-135	835.9439	23885.58	1.7546	10.6631	0.798325	3.43398	1.117365	0.264618	0.720467	0.644791	1513.423	9.718337	1512.207	8.786986	1511.311	16.12295	1511.311	16.12295	100.1398
071820BK-01-136	126.1115	1175.487	1.808181	9.969747	13.00018	0.847934	14.25497	0.068878	2.183848	0.153199	429.3926	9.071798	623.5145	66.51083	1411.102	270.9022	1411.102	270.9022	30.42958
071820BK-01-137	126.4715	4184.666	0.514092	9.972842	3.002398	3.771647	3.431742	0.279321	0.891417	0.259756	1587.941	12.54653	1586.731	27.54951	1585.918	61.96746	1585.918	61.96746	100.1276
071820BK-01-138	71.75862	281.3228	1.673993	9.218668	18.31152	0.245875	50.2715	0.030922	7.014043	0.139523	196.3147	13.56207	223.22	101.0701	518.1777	NA	196.3147	13.56207	37.8856
071820BK-01-139	137.5114	4085.799	2.407261	10.27347	2.645426	3.625829	2.877966	0.27496	0.836069	0.290507	1565.929	11.62341	1555.217	22.90905	1541.499	51.79003	1541.499	51.79003	101.5848
071820BK-01-140	345.5073	6190.391	4.492581	13.54307	2.752598	1.745392	2.928355	0.173834	0.750589	0.256318	1033.202	7.165543	1025.46	18.90568	1009.839	57.42725	1009.839	57.42725	102.3135
071820BK-01-141	110.6992	1489.127	2.328513	13.57851	8.253037	0.953963	9.056667	0.106617	1.347312	0.148765	653.0733	8.367913	680.1643	44.92591	771.7866	188.8683	653.0733	8.367913	84.61837
071820BK-01-142	255.3665	7602.032	10.96832	10.77615	1.58754	3.248272	2.039409	0.254403	0.662626	0.324911	1461.143	8.663074	1468.764	15.83469	1480.606	36.56649	1480.606	36.56649	98.6855
071820BK-01-143	334.8974	3018.954	1.262964	16.3532	4.605428	0.541367	8.263828	0.068473	0.727007	0.087975	426.9512	3.003407	439.3255	29.47942	505.629	181.364	426.9512	3.003407	84.43962
071820BK-01-144	63.49596	2483.108	1.472497	8.108809	2.485762	6.33416	5.221601	0.382586	0.895964	0.171588	2088.352	15.98256	2023.194	45.82124	1958.122	91.89153	1958.122	91.89153	106.6508
071820BK-01-145	370.725	3502.995	2.911761	16.5921	5.747345	0.582647	9.350539	0.073987	0.930188	0.09948	460.1302	4.130897	466.1609	34.96709	496.9349	205.3941	460.1302	4.130897	92.59366
071820BK-01-146	71.12653	3378.632	1.501351	8.840031	6.177165	5.106523	6.508326	0.333244	1.061415	0.163086	1854.084	17.10239	1837.191	55.31716	1818.878	116.677	1818.878	116.677	101.9356
071820BK-01-147	189.2267	6307.975	2.074208	9.401082	1.70856	4.318183	2.043385	0.295073	0.732119	0.358287	1666.83	10.75313	1696.839	16.84836	1734.893	34.9922	1734.893	34.9922	96.07679
071820BK-01-148	65.81224	2617.427	0.67751	10.43643	7.987561	3.304266	8.813956	0.259968	1.569892	0.178114	1489.678	20.88094	1482.06	68.8083	1471.98	164.9082	1471.98	164.9082	101.2023
071820BK-01-149	103.2765	2751.182	1.538136	12.67572	5.199057	1.674697	5.706168	0.161757	1.443056	0.252894	966.5346	12.9524	998.9705	36.29284	1071.755	110.9887	1071.755	110.9887	90.1824
071820BK-01-150	639.0441	24850.44	1.687149	9.876244	0.745032	4.012147	1.005073	0.283423	0.643874	0.640624	1608.579	9.166098	1636.66	8.169395	1673.716	14.26404	1673.716	14.26404	96.10822
071820BK-01-151	546.284	10477.25	10.75786	13.67064	1.54026	1.630347	1.818684	0.161542	0.684999	0.376645	965.3389	6.141268	981.993	11.4465	1020.278	34.13128	1020.278	34.13128	94.61524
071820BK-01-152	160.4241	4522.095	2.709681	11.33914	2.621454	2.831227	2.97068	0.236672	0.800847	0.269584	1369.37	9.880072	1363.847	22.29422	1356.025	55.17005	1356.025	55.17005	100.9842
071820BK-01-153	340.8992	5106.105	12.21187	14.67484	2.834777	1.256221	3.083589	0.13678	0.692649	0.224624	826.4277	5.372515	826.2085	17.43466	826.54	62.70588	826.4277	5.372515	99.9864
071820BK-01-154	549.6252	17284.3	2.161984	10.63224	0.775046	3.337531	1.116918	0.254584	0.64222	0.574993	1462.073	8.401048	1489.877	8.72659	1530.477	17.20725	1530.477	17.20725	95.53057
071820BK-01-155	326.209	3372.117	2.880707	15.60279	5.555567	0.673412	7.209458	0.080424	0.847952	0.117617	498.6517	4.068929	522.7847	29.46676	630.602	154.3978	498.6517	4.068929	79.07551
071820BK-01-156	225.2155	6396.821	2.865867	11.34737	2.552451	2.571152	3.536931	0.214141	0.623827	0.176375	1250.84	7.092719	1292.469	25.86246	1363.125	67.08251	1363.125	67.08251	91.76262
071820BK-01-157	184.1297	7301.277	2.932202	9.254107	1.850952	4.462773	2.499106	0.300784	0.699495	0.279898	1695.193	10.42683	1724.076	20.73321	1760.102	43.87236	1760.102	43.87236	96.31226
071820BK-01-158	1099.688	17857.37	1.876697	14.64841	0.989153	1.235771	1.738148	0.131104	0.913864	0.525769	794.1613	6.828316	816.9631	9.755304	880.4561	30.56876	794.1613	6.828316	90.19885
071820BK-01-159	457.6116	16564.38	2.689785	10.67228	0.898667	3.333044	1.141399	0.25689	0.628896	0.550987	1473.91	8.286034	1488.826	8.915106	1510.942	17.98252	1510.942	17.98252	97.54911
071820BK-01-160	555.2747	6522.519	1.329372	16.49637	3.707889	0.565373	4.406615	0.069141	0.840366	0.190706	430.98	3.503393	455.0176	16.16177	579.2901	94.01469	430.98	3.503393	74.39795
071820BK-01-161	135.8071	1552.431	1.137478	13.81474	8.646151	0.935388	11.00607	0.105977	1.341888	0.121922	649.344	8.288993	670.4656	54.06252	743.0046	231.6558	649.344	8.288993	87.39435
071820BK-01-162	574.4094	16954.05	2.39939	10.83299	0.825755	3.220817	1.111853	0.251665	0.664016	0.597215	1447.059	8.606611	1462.181	8.615038	1485.023	16.89594	1485.023	16.89594	97.44354
071820BK-01-163	120.2259	4564.887	6.035682	10.86562	6.722596	3.110042	6.939772	0.249868	0.995916	0.143508	1437.792	12.83474	1435.176	53.3697	1432.112	131.2021	1432.112	131.2021	100.3966
071820BK-01-164	194.4347	8842.553	1.286154	10.0007	2.511558	3.960594	2.986747	0.287632	0.73833	0.247202	1629.685	10.632	1626.162	24.21795	1622.397	53.85479	1622.397	53.85479	100.4492
071820BK-01-165	111.1091	990.302	3.327696	13.04252	11.3691	0.638221	14.6853	0.073099	2.329448	0.158624	454.8014	10.22928	501.2043	58.15486	719.9744	309.2549	454.8014	10.22928	63.1691
071820BK-01-166	436.4654	4514.471	2.139111	15.07429	2.957293	0.694514	4.477916	0.077637	1.24401	0.27781	482.0039	5.777492	535.5088	18.63762	771.3384	90.60584	482.0039	5.777492	62.48929
071820BK-01-167	336.171	3314.088	1.809471	16.02593	5.822986	0.49769	8.96583	0.060552	0.969958	0.108184	378.9797	3.569977	410.1372	30.26117	590.4434	193.6364	378.9797	3.569977	64.18562
071820BK-01-168	143.0545	3925.39	2.66765	11.03925	2.141109	3.017672	2.875461	0.244754	0.8765	0.304821	1411.366	11.11009	1412.096	21.93323	1414.011	52.39488	1414.011	52.39488	99.81297
071820BK-01-169	195.8885	3810.493	4.291194	13.45571	1.768907	1.744089	2.854262	0.17444	0.90521	0.317143	1036.529	8.667293	1024.977	18.42222	1001.263	54.98259	1001.263	54.98259	103.5222
071820BK-01-170	470.3105	5663.606	2.115652	17.83911	2.781916	0.680238	5.423569	0.089334	0.699748	0.12902	551.5984	3.699274	526.9183	22.29847	422.3245	120.1231	551.5984	3.699274	130.6101
071820BK-01-171	224.9803	9559.831	2.35012	8.236165	0.849903	6.049551	1.434867	0.356719	0.674516	0.47009	1966.604	11.43267	1983.006	12.50331	2000.908	22.49595	2000.908	22.49595	98.28559
071820BK-01-172	520.7199	13162.02	2.881334	13.97854	1.251349	1.595835	1.635877	0.160304	0.624587	0.381806	958.4667	5.562684	968.5823	10.21189	992.5093	30.7236	992.5093	30.7236	96.57005
071820BK-01-173	469.6505	12557.69	3.830075	12.48719	1.461195	2.230111	1.787086	0.199671	0.686447	0.384115	1173.555	7.365103	1190.553	12.52871	1222.391	32.4243	1222.391	32.4243	96.00488
071820BK-01-174	491.3541	16075.19	2.531762	10.16839	0.936141	3.627487	1.654181	0.261538	1.078574	0.652029	1497.704	14.41461	1555.581	13.16733	1635.875	23.29495	1635.875	23.29495	91.55373
071820BK-01-175	130.0679	7396.738	1.432252	8.000131	2.35929	6.347447	2.695022	0.362119	0.71987	0.267111	1992.211	12.33699	2025.032	23.64467	2059.407	45.82984	2059.407	45.82984	96.73713
071820BK-01-176	411.0259	4097.791	0.937655	16.0579	4.105974	0.761888	4.61849	0.091172	0.705461	0.152747	562.4624	3.799774	575.0987	20.28152	626.2704	98.41329	562.4624	3.799774	89.81143
071820BK-01-177	528.0379	4525.144	2.21609	18.37669	2.727212	0.487957	5.423302	0.066268	0.890939	0.16428	413.633	3.569476	403.5174	18.06054	346.9881	121.0654	413.633	3.569476	119.2067
071820BK-01-178	272.1151	1332.604	1.775155	12.19563	9.594602	0.304781	10.64789	0.030061	1.871234	0.175738	190.9287	3.520334	270.1274	25.25997	1029.556	212.4863	190.9287	3.520334	18.54476
071820BK-01-179	187.3736	8286.369	1.939489	9.542882	1.512001	4.497249	1.904117	0.306469	0.757703	0.397929	1723.306	11.45789	1730.464	15.81832	1739.913	32.02252	1739.913	32.02252	99.04554
071820BK-01-180	265.7054	4084.262	9.316445	15.70761	5.045377	0.998763	6.678191	0.116764	0.892139	0.13359	711.9112	6.013099	703.1815	33.89621	676.3188	141.6339	711.9112	6.013099	105.2627
071820BK-01-181	136.7001	10561.53	0.962479	5.319456	0.924754	13.39929	1.208363	0.504034	0.729236	0.603491	2631.108	15.75394	2708.208	11.4179	2766.95	15.81271	2766.95	15.81271	95.09055
071820BK-01-182	115.823	5836.943	1.126029	5.702681	1.255575	11.98599	1.465117	0.48907	0.740236	0.50524	2566.651	15.67275	2603.311	13.7318	2632.67	21.00988	2632.67	21.00988	97.49231
071820BK-01-183	284.2836	10906.19	5.599417	9.80362	1.123066	4.310502	1.678574	0.301045	0.731534	0.435807	1696.489	10.91169	1695.371	13.83533	1694.776	27.85164	1694.776	27.85164	100.1011
071820BK-01-184	290.5242	2816.418	2.731229	17.01631	3.917858	0.504819	7.450937	0.066291	0.90933	0.122042	413.7712	3.644336	414.9592	25.38532	422.5203	165.2266	413.7712	3.644336	97.92931
071820BK-01-185	818.4364	10038.22	4.439413	17.62969	2.818597	0.550753	3.891193	0.070112	0.813505	0.209063	436.8316	3.435916	445.4898	14.03313	491.3919	83.94586	436.8316	3.435916	88.89679
071820BK-01-186	266.3678	1749.665	1.571945	14.85347	7.198401	0.556262	8.188433	0.0663	0.996378	0.121681	413.828	3.993729	449.0905	29.72703	634.9012	175.2237	413.828	3.993729	65.1799
071820BK-01-187	516.0092	8976.464	2.427417	15.53066	2.8344	1.037401	3.216709	0.116264	0.615474	0.191337	709.0215	4.132426	722.623	16.63224	765.968	66.53928	709.0215	4.132426	92.56542
071820BK-01-188	157.453	7483.582	3.079764	11.69072	2.649081	2.601635	2.771197	0.22016	0.737143	0.266002	1282.718	8.574149	1301.099	20.32834	1332.368	51.68843	1332.368	51.68843	96.27362
071820BK-01-189	51.60063	137.709	2.672748	6.930281	24.80999	0.128796	272.2156	0.025739	9.674958	0.035542	163.8264	15.65046	123.0154	326.1497	NA	NA	163.8264	15.65046	
071820BK-01-190	804.8348	12445.18	2.210635	17.00068	1.993363	0.775988	2.391257	0.095853	0.672288	0.281144	590.0579	3.790756	583.1921	10.6093	557.4758	50.02652	590.0579	3.790756	105.8446
071820BK-01-191	249.3874	3350.579	1.383065	16.80066	3.893296	0.743222	5.843187	0.095931	0.934502	0.15993	590.52	5.273211	564.284	25.30087	460.819	127.9816	590.52	5.273211	128.1458
071820BK-01-192	186.9828	6405.156	2.874994	10.93005	2.486404	3.171051	2.886897	0.253256	0.696117	0.24113	1455.247	9.068197	1450.138	22.2889	1443.467	53.38773	1443.467	53.38773	100.8161
071820BK-01-193	259.069	6807.086	7.094374	12.55102	3.641732	2.13008	4.573772	0.195342	1.173753	0.256627	1150.248	12.36513	1158.611	31.61442	1175.167	87.52089	1175.167	87.52089	97.87951
071820BK-01-194	184.661	4229.681	2.407889	12.57086	3.240958	2.094414	3.680137	0.195595	0.882593	0.239826	1151.612	9.307911	1146.975	25.29693	1139.092	71.0813	1139.092	71.0813	101.0992
071820BK-01-195	148.895	8110.155	2.372627	8.736928	1.713792	5.421369	1.93943	0.342024	0.67016	0.345545	1896.397	11.01014	1888.238	16.62739	1880.047	32.79307	1880.047	32.79307	100.8697
071820BK-01-196	398.0315	10615.17	9.674806	11.75414	1.499337	2.576146	2.224641	0.218879	0.648961	0.291715	1275.95	7.512438	1293.888	16.27355	1324.599	41.21417	1324.599	41.21417	96.32727
071820BK-01-197	140.8045	7464.496	2.215541	7.930792	1.469233	6.516414	2.112768	0.374273	0.723082	0.342244	2049.477	12.69469	2048.118	18.60066	2047.503	35.07558	2047.503	35.07558	100.0964
071820BK-01-198	91.76558	379.7616	1.558187	5.944779	32.61079	0.490257	34.46684	0.026416	5.06537	0.146964	168.0759	8.403641	405.0858	115.6287	2159.647	614.5309	168.0759	8.403641	7.782562
071820BK-01-199	380.5452	7660.346	1.186814	13.92205	2.825661	1.505187	2.95132	0.154837	0.63213	0.214186	928.0207	5.463598	932.4906	18.00702	943.9731	59.06239	943.9731	59.06239	98.31008
071820BK-01-200	441.5109	2731.151	1.197905	16.35642	3.283995	0.41377	8.185674	0.053365	0.941749	0.115048	335.1506	3.075635	351.5865	24.33032	462.5975	180.4874	335.1506	3.075635	72.44973
071820BK-01-201	121.582	4342.568	1.275528	10.02107	2.457274	3.716888	2.966172	0.276589	0.695023	0.234316	1574.159	9.70736	1575.011	23.73719	1576.948	53.97943	1576.948	53.97943	99.82319
071820BK-01-202	474.4266	13085.02	3.705377	12.29331	1.273505	2.316111	1.681343	0.207225	0.774165	0.460445	1214.018	8.566563	1217.234	11.9244	1223.777	29.31854	1223.777	29.31854	99.20253
071820BK-01-203	264.8534	2828.784	1.620817	15.07634	4.11141	0.67917	4.797587	0.079677	0.845749	0.176286	494.192	4.023431	526.2727	19.70567	668.9262	101.1107	494.192	4.023431	73.8784
071820BK-01-204	95.84243	3921.365	1.479322	9.372031	4.286664	4.389021	5.308398	0.305383	0.75155	0.141578	1717.947	11.33401	1710.274	43.92604	1701.677	96.85119	1701.677	96.85119	100.9561
071820BK-01-205	276.4155	3099.84	2.056038	14.94277	6.295594	0.59537	7.626179	0.068804	0.825661	0.108267	428.9441	3.426364	474.291	28.90544	700.9699	161.6301	428.9441	3.426364	61.19294
071820BK-01-206	456.3191	6926.162	1.368587	16.08757	2.662446	0.817942	3.367791	0.098105	0.729012	0.216466	603.2945	4.198564	606.8995	15.38688	621.301	70.95004	603.2945	4.198564	97.1018
071820BK-01-207	244.3801	3136.317	1.195418	15.58486	4.347945	0.876919	6.476917	0.106102	0.883268	0.136372	650.0705	5.461847	639.3171	30.73581	602.4186	138.9849	650.0705	5.461847	107.9101
071820BK-01-208	226.1736	4915.371	3.34523	15.03524	8.059868	0.607273	9.184943	0.06882	1.158834	0.126167	429.0437	4.810064	481.8387	35.25129	742.4662	193.0799	429.0437	4.810064	57.7863
071820BK-01-209	90.10204	1149.838	4.047211	10.60412	7.840684	0.800121	16.56742	0.07026	2.828256	0.170712	437.72	11.96891	596.897	74.90757	1260.479	321.1288	437.72	11.96891	34.7265
071820BK-01-210	389.9725	3202.182	1.643594	16.63994	5.002898	0.55748	6.525618	0.072279	0.993058	0.152178	449.8729	4.315178	449.8847	23.72123	450.8903	143.3698	449.8729	4.315178	99.77435
071820BK-01-211	899.756	7006.078	1.172458	17.59648	3.122156	0.519435	3.767005	0.068217	0.679156	0.180291	425.4052	2.795897	424.7738	13.07673	422.2982	82.72154	425.4052	2.795897	100.7358
071820BK-01-212	686.3584	13213.78	39.22689	14.22229	1.246411	1.480209	1.60143	0.153731	0.74776	0.466933	921.8414	6.422975	922.3158	9.704781	924.3634	29.11369	924.3634	29.11369	99.72715
071820BK-01-213	263.5799	3586.638	6.47731	15.27532	4.416381	0.892497	7.692404	0.104451	0.765621	0.099529	640.4405	4.667647	647.7101	36.85143	674.0549	163.9216	640.4405	4.667647	95.0131
071820BK-01-214	257.5146	9703.197	3.077669	11.47088	1.561356	2.696547	1.804152	0.226144	0.729447	0.404316	1314.257	8.672723	1327.511	13.3641	1349.783	31.84782	1349.783	31.84782	97.36802
071820BK-01-215	198.3033	1879.847	1.914533	16.1943	6.137823	0.483495	7.402544	0.064495	1.330753	0.17977	402.9044	5.197547	400.468	24.50198	387.3893	163.7286	402.9044	5.197547	104.005
071820BK-01-216	82.36107	799.3857	1.087341	11.03151	11.28013	0.708934	23.8293	0.070113	3.678078	0.154351	436.8341	15.53483	544.1131	100.703	1024.073	482.8565	436.8341	15.53483	42.65653
071820BK-01-217	282.6831	6355.825	7.419234	13.92294	3.023163	1.581179	3.563743	0.163267	0.782395	0.219543	974.9053	7.078854	962.8333	22.17013	936.2407	71.30294	936.2407	71.30294	104.1298
071820BK-01-218	228.3138	2185.902	2.172093	17.28327	2.928723	0.52842	5.961017	0.074502	1.262349	0.211767	463.2237	5.642351	430.7605	20.92899	261.6378	133.8689	463.2237	5.642351	177.0477
071820BK-01-219	152.4165	4192.567	2.306142	11.68585	4.150327	2.566815	4.259146	0.225184	0.718017	0.168582	1309.211	8.507264	1291.235	31.13167	1262.299	82.04129	1262.299	82.04129	103.7164
071820BK-01-220	302.9187	7872.965	3.333946	13.38873	1.241508	1.82435	1.517651	0.180555	0.66609	0.438895	1070.003	6.567098	1054.25	9.95418	1022.627	27.61913	1022.627	27.61913	104.6328

071820BK-01-221	515.0282	4219.452	2.480043	16.71767	2.998428	0.544016	4.870074	0.06984	0.6634	0.13622	435.1929	2.791774	441.0689	17.4248	472.8212	106.8105	435.1929	2.791774	92.04175
071820BK-01-222	375.8618	8890.473	39.42016	13.86077	1.692329	1.570448	2.146198	0.160564	0.764107	0.356028	959.9091	6.814773	958.603	13.31494	956.4789	40.98672	956.4789	40.98672	100.3586
071820BK-01-223	111.6987	1000.81	1.432904	9.281008	19.79849	0.874357	22.03425	0.067169	2.0991	0.095265	419.0776	8.517018	637.9305	104.7373	1517.137	418.8822	1517.137	418.8822	27.62292
071820BK-01-224	325.6661	4386.115	1.408432	16.03005	2.769394	0.834596	3.224082	0.101884	0.804304	0.249467	625.4386	4.794102	616.1589	14.89371	583.131	67.82439	625.4386	4.794102	107.2553
071820BK-01-225	70.70207	2769.038	1.434388	8.961412	3.91375	4.464263	4.398435	0.301825	0.891651	0.20272	1700.352	13.32651	1724.353	36.5034	1754.39	78.84144	1754.39	78.84144	96.91987
071820BK-01-226	235.2387	2130.867	3.215079	13.56839	7.515731	0.622867	10.64532	0.066813	1.179594	0.110809	416.9243	4.762353	491.6427	41.50906	857.6223	220.2178	416.9243	4.762353	48.61398
071820BK-01-227	123.9062	4486.841	2.829961	10.24995	2.94829	3.31507	3.442644	0.250907	0.868924	0.2524	1443.151	11.23539	1484.605	26.86137	1545.144	62.62369	1545.144	62.62369	93.39914
071820BK-01-228	286.5645	5080.221	1.211745	16.0394	4.924799	0.813638	5.880725	0.097788	1.153839	0.196207	601.4351	6.625708	604.4927	26.79428	616.8934	124.5787	601.4351	6.625708	97.49417
071820BK-01-229	442.3707	3907.177	1.268299	16.03592	4.985379	0.515934	6.029355	0.062907	1.092949	0.181271	393.2819	4.169881	422.4316	20.83894	585.7814	128.7819	393.2819	4.169881	67.13799
071820BK-01-230	244.5574	9677.48	1.668743	9.219528	1.238271	4.578165	1.491442	0.305775	0.745412	0.499793	1719.884	11.25251	1745.301	12.42962	1776.666	23.57131	1776.666	23.57131	96.80399
071820BK-01-231	119.457	2344.241	2.210366	12.29103	3.944216	2.023063	5.316816	0.192488	1.323928	0.249008	1134.839	13.77632	1123.288	36.14324	1101.907	103.0684	1101.907	103.0684	102.9887
071820BK-01-232	465.0267	3642.287	2.477193	16.60053	5.045419	0.53621	7.409577	0.068319	0.836273	0.112864	426.0192	3.447511	435.9224	26.26663	489.518	162.6116	426.0192	3.447511	87.0283
071820BK-01-233	97.30422	2901.345	1.403389	11.48541	6.864399	2.27059	7.934971	0.197901	1.194643	0.150554	1164.037	12.72287	1203.199	55.99224	1275.034	153.2045	1275.034	153.2045	91.29457
071820BK-01-234	534.6809	32039.35	2.715037	5.133221	0.654429	13.60328	0.957742	0.501344	0.690805	0.721285	2619.567	14.87065	2722.492	9.059059	2800.471	10.85382	2800.471	10.85382	93.54024
071820BK-01-235	130.1724	539.9458	1.078186	8.205559	21.15175	0.383102	22.57126	0.028382	4.694312	0.207977	180.416	8.351876	329.3181	63.56425	1585.224	417.9701	180.416	8.351876	11.38111
071820BK-01-236	104.2401	3289.294	2.815612	10.43473	4.596394	3.294728	5.35502	0.25552	0.78086	0.145818	1466.879	10.24455	1479.807	41.73682	1499.199	100.2466	1499.199	100.2466	97.84422
071820BK-01-237	230.1021	10480.81	2.678326	8.800004	2.006206	5.215978	2.226363	0.329851	0.772668	0.347054	1837.658	12.35452	1855.23	18.97155	1875.754	37.64333	1875.754	37.64333	97.96902
071820BK-01-238	197.6305	3703.816	2.068663	14.78607	2.783948	1.263195	3.492014	0.140795	0.894181	0.256064	849.1537	7.114134	829.3422	19.7929	777.5082	70.98624	849.1537	7.114134	109.2148
071820BK-01-239	235.308	8098.251	3.359748	9.272791	1.411552	4.490928	1.831591	0.299545	0.698097	0.381142	1689.052	10.37301	1729.296	15.21182	1779.124	30.8901	1779.124	30.8901	94.93725
071820BK-01-240	541.8691	5739.74	2.687736	17.69659	3.892208	0.489337	4.752899	0.063819	0.786799	0.165541	398.8092	3.042735	404.4589	15.85766	437.8002	104.3758	398.8092	3.042735	91.09387
071820BK-01-241	1039.255	3688.127	1.161705	17.72061	4.613655	0.219966	5.263835	0.029511	0.799545	0.151894	187.4885	1.477465	201.8811	9.637231	374.4563	117.1486	187.4885	1.477465	50.06952
071820BK-01-242	173.1467	1865.954	2.276525	12.8936	9.049605	0.776025	11.70358	0.078146	1.66946	0.142645	485.0454	7.8005	583.2136	51.97021	987.4499	236.4724	485.0454	7.8005	49.12102
071820BK-01-243	628.9105	7530.684	1.767123	16.16766	2.838497	0.835878	3.817423	0.098728	0.780207	0.204381	606.9513	4.519384	616.8685	17.64993	654.3635	80.21138	606.9513	4.519384	92.75446
071820BK-01-244	453.2176	14243.02	4.469754	9.487191	1.029663	3.964943	1.649401	0.269471	1.275551	0.773342	1538.117	17.45447	1627.052	13.37531	1744.821	19.15574	1744.821	19.15574	88.1533
071820BK-01-245	101.72	1819.944	1.847426	12.71969	9.291726	1.580103	9.875891	0.158479	1.135227	0.114949	948.3188	10.01117	962.4099	61.48724	995.6086	199.842	995.6086	199.842	95.25016
071820BK-01-246	353.4156	5132.082	0.698402	15.52929	3.31137	0.917076	3.784906	0.105714	0.748905	0.197866	647.8093	4.615674	660.8127	18.38648	706.3834	78.94864	647.8093	4.615674	91.7079
071820BK-01-247	438.9393	8146.018	1.72069	15.88093	2.917828	0.948637	4.094726	0.11004	0.767827	0.187516	672.9813	4.906755	677.3924	20.2433	692.99	85.78049	672.9813	4.906755	97.11271
071820BK-01-248	233.0062	2629.803	2.745743	15.82644	6.465808	0.628006	10.12996	0.077186	1.236395	0.122053	479.3053	5.71116	494.8532	39.69784	568.4224	219.3429	479.3053	5.71116	84.32204
071820BK-01-249	122.1597	1410.306	1.683881	16.42395	7.701348	0.499062	15.25053	0.070049	1.960189	0.128533	436.4511	8.272082	411.0673	51.59687	271.8759	NA	436.4511	8.272082	160.5332
071820BK-01-250	48.36358	2705.186	1.378523	5.311095	2.083072	13.55021	2.471027	0.522356	0.886446	0.358736	2709.166	19.6075	2718.795	23.37011	2726.664	37.99675	2726.664	37.99675	99.35829
071820BK-01-251	79.75854	2150.83	3.391739	12.40927	7.34881	1.765112	9.740607	0.169108	1.605255	0.1648	1007.197	14.96834	1032.727	63.21733	1088.084	192.9665	1088.084	192.9665	92.56613
071820BK-01-252	107.2502	5991.719	1.539984	9.070217	2.622157	4.711836	3.213155	0.309248	0.742729	0.231153	1737.008	11.30927	1769.346	26.92017	1808.506	56.8296	1808.506	56.8296	96.04656
071820BK-01-253	273.9535	7319.26	2.214745	11.23257	1.867192	2.773354	2.124325	0.22562	0.73624	0.346576	1311.504	8.736957	1348.392	15.85491	1408.219	38.14912	1408.219	38.14912	93.1321
071820BK-01-254	113.9539	2407.59	2.770099	13.19513	8.924402	1.685396	9.336132	0.169645	0.876513	0.093884	1010.154	8.195278	1003.024	59.56461	988.3527	189.5076	988.3527	189.5076	102.2059
071820BK-01-255	289.1513	11374.58	2.148126	9.543547	1.436826	4.427816	1.687676	0.301044	0.687126	0.407143	1696.486	10.24929	1717.558	13.98012	1744.122	28.24158	1744.122	28.24158	97.26873
071820BK-01-256	1234.168	18015.76	2.100438	18.04767	1.866311	0.555052	2.29666	0.071593	0.778451	0.338949	445.7447	3.352656	448.3005	8.323863	462.4206	47.90633	445.7447	3.352656	96.39377
071820BK-01-257	212.1954	1957.271	2.775942	13.44716	8.726805	0.648932	10.13816	0.068182	1.757535	0.173358	425.193	7.231798	507.8214	40.53371	900.4725	206.3929	425.193	7.231798	47.21887
071820BK-01-258	223.3628	6417.705	5.538668	11.09636	1.917455	3.074051	2.344667	0.246745	0.847047	0.361265	1421.668	10.8068	1426.246	17.96557	1433.895	41.71189	1433.895	41.71189	99.1473
071820BK-01-259	165.6829	2369.601	1.345482	13.69475	11.62293	0.904025	12.78417	0.095731	1.186979	0.092848	589.3397	6.685105	653.8761	61.70842	884.3424	264.1546	589.3397	6.685105	66.64158
071820BK-01-260	537.9485	7209.028	2.469098	15.95701	2.24145	0.984522	2.960367	0.115083	0.791305	0.2673	702.1996	5.264602	695.9213	14.91338	676.6038	60.99287	702.1996	5.264602	103.783
071820BK-01-261	550.203	4779.834	5.497461	17.3595	3.381275	0.524295	6.1278	0.068333	0.957491	0.156254	426.1052	3.947999	428.0164	21.40452	439.2664	134.7869	426.1052	3.947999	97.00381
071820BK-01-262	189.9548	4289.309	2.83153	12.82439	2.594357	1.999915	3.763148	0.19051	1.00088	0.265969	1124.136	10.32488	1115.483	25.47856	1099.517	72.61638	1099.517	72.61638	102.239
071820BK-01-263	56.91783	1056.197	1.64994	10.54689	6.505672	2.006885	11.84318	0.175196	1.829387	0.154468	1040.677	17.58081	1117.84	80.42866	1271.931	229.0508	1271.931	229.0508	81.81863
071820BK-01-264	152.8827	2376.102	3.930464	12.71478	3.667521	1.708894	5.554847	0.167292	1.16343	0.209444	997.1732	10.74866	1011.87	35.59615	1044.681	109.6406	1044.681	109.6406	95.45242
071820BK-01-265	582.8427	4962.118	2.467088	16.53453	3.657463	0.591508	4.007306	0.073103	1.198388	0.299051	454.8207	5.262684	471.8305	15.124	556.3567	83.45023	454.8207	5.262684	81.74984
071820BK-01-266	681.2211	26121.96	13.3678	12.17324	1.143318	2.388808	1.597749	0.207578	0.962341	0.602311	1215.904	10.66386	1239.253	11.43645	1280.913	24.83603	1280.913	24.83603	94.92477
071820BK-01-267	50.79094	2565.248	1.403674	9.327424	5.740307	4.321094	6.076878	0.300244	1.294196	0.21297	1692.521	19.26502	1697.394	50.14829	1704.201	109.4183	1704.201	109.4183	99.31463
071820BK-01-268	445.72	7086.548	2.690618	15.26293	2.039455	1.027654	2.846171	0.114583	1.021651	0.358956	699.309	6.77062	717.7533	14.64785	776.7432	55.89719	699.309	6.77062	90.03092
071820BK-01-269	351.2476	10824.65	3.992733	9.97679	1.249787	3.986337	1.59928	0.285133	0.946177	0.591627	1617.16	13.53288	1631.417	12.98286	1650.64	23.90292	1650.64	23.90292	97.97167
071820BK-01-270	612.8063	6916.552	1.622853	17.3832	3.68059	0.599631	4.390406	0.076587	0.923205	0.210278	475.7179	4.233718	476.9996	16.71237	484.1499	94.83746	475.7179	4.233718	98.2584
071820BK-01-271	88.58228	3647.194	1.815079	9.641012	3.45341	4.306951	3.660711	0.30554	0.909509	0.248451	1718.722	13.72157	1694.692	30.17505	1665.882	65.62636	1665.882	65.62636	103.1719
071820BK-01-272	368.7735	4006.231	1.44489	15.37384	3.429312	0.874439	5.482722	0.101231	0.689843	0.125821	621.6209	4.087944	637.9746	25.9764	697.2634	115.9767	621.6209	4.087944	89.15152
071820BK-01-273	127.5789	1989.68	1.041984	13.54815	5.645338	1.380589	11.24897	0.147443	1.110398	0.098711	886.6123	9.197914	880.6904	66.33459	866.7591	232.7384	886.6123	9.197914	102.2905
071820BK-01-274	329.3365	4610.874	2.512255	13.80565	3.869952	1.376094	4.992335	0.141169	0.733679	0.146961	851.2717	5.850794	878.7714	29.36562	949.5699	101.1221	949.5699	101.1221	89.64814
071820BK-01-275	85.55908	9376.53	1.820711	4.46301	1.042348	18.19312	1.274463	0.580628	0.707046	0.55478	2951.312	16.74308	3000.002	12.26705	3033.484	16.9955	3033.484	16.9955	97.29117
071820BK-01-276	164.4767	5769.317	2.335471	10.52902	3.163895	3.068043	4.0099	0.235178	1.147716	0.286221	1361.577	14.08704	1424.747	30.71651	1521.242	72.46491	1521.242	72.46491	89.50433
071820BK-01-277	89.11043	765.3689	3.703918	11.37731	14.34062	0.693894	22.62007	0.07127	2.774685	0.122665	443.8045	11.89987	535.1372	94.35791	947.1347	465.2347	443.8045	11.89987	46.85759
071820BK-01-278	126.2005	8497.421	1.134975	4.479849	0.730806	18.44631	1.067373	0.590702	0.722733	0.677114	2992.266	17.30122	3013.309	10.28095	3028.065	12.59799	3028.065	12.59799	98.81775
071820BK-01-279	405.2383	15577.58	1.607639	7.743429	0.790513	6.767451	1.15483	0.374824	0.676793	0.586054	2052.059	11.89474	2081.476	10.21667	2111.453	16.41229	2111.453	16.41229	97.18704
071820BK-01-280	273.6485	3928.348	1.708334	15.00285	4.255755	0.879338	4.922829	0.099457	0.96432	0.195887	611.2276	5.623384	640.6249	23.39227	746.6101	102.0768	611.2276	5.623384	81.86705
071820BK-01-281	132.9717	4627.119	2.572637	11.60055	4.617255	2.414731	5.190464	0.206534	1.624871	0.313049	1210.324	17.93039	1246.991	37.2858	1311.71	95.6986	1311.71	95.6986	92.27072
071820BK-01-282	170.5285	5217.013	1.712086	11.89169	2.270824	2.470794	2.834476	0.21593	0.840148	0.296403	1260.332	9.617856	1263.526	20.49129	1269.815	52.82583	1269.815	52.82583	99.25319
071820BK-01-283	182.4847	3757.176	1.944753	14.18016	4.244128	1.479615	4.880395	0.157786	0.850945	0.17436	944.4628	7.475851	922.0729	29.57823	869.7687	99.65562	869.7687	99.65562	108.5878
071820BK-01-284	631.7533	5552.207	1.949537	17.96758	2.598419	0.490871	2.937972	0.065851	0.736352	0.250633	411.1135	2.932731	405.5037	9.822414	374.6336	64.01673	411.1135	2.932731	109.7375
071820BK-01-285	118.9207	3362.591	2.58183	9.425503	3.180179	3.942196	3.916942	0.275216	0.952242	0.243109	1567.222	13.24816	1622.389	31.73487	1695.493	70.05779	1695.493	70.05779	92.43461
071820BK-01-286	146.5422	8566.553	2.890466	5.785114	0.930397	11.60193	1.391327	0.482142	0.72019	0.517628	2536.588	15.10257	2572.828	13.00697	2602.213	19.83904	2602.213	19.83904	97.47808
071820BK-01-287	239.4483	2701.597	1.868612	15.05729	4.121044	0.86599	5.008628	0.10103	0.913029	0.182291	620.4425	5.400754	633.3873	23.60643	680.7729	105.2409	620.4425	5.400754	91.13795
071820BK-01-288	95.84679	415.2695	1.952372	8.041039	18.50132	0.378538	21.60912	0.029704	4.232381	0.195861	188.6954	7.870561	325.9616	60.32092	1476.956	406.5149	188.6954	7.870561	12.77597
071820BK-01-289	269.0142	3572.237	1.856422	15.31079	5.218811	0.883259	6.088687	0.102699	1.27645	0.209643	630.2045	7.663551	642.7413	29.00345	687.9708	127.1507	630.2045	7.663551	91.60338
071820BK-01-290	86.62011	341.6363	2.233067	9.300305	23.21848	0.244912	36.98875	0.026798	6.092389	0.164709	170.4754	10.24991	222.4344	74.01823	816.2887	787.9202	170.4754	10.24991	20.88421
071820BK-01-291	123.9682	6122.277	2.131037	7.688111	1.331447	6.7711	1.700172	0.380163	0.846628	0.497966	2077.047	15.0332	2081.953	15.04289	2087.559	25.92971	2087.559	25.92971	99.49646
071820BK-01-292	163.6059	3507.049	1.853642	10.96812	2.25886	2.693652	3.949427	0.221888	0.93882	0.237711	1291.843	10.99015	1326.716	29.25295	1384.292	73.70636	1384.292	73.70636	93.32157
071820BK-01-293	489.5468	5962.807	1.57237	15.95193	2.806015	0.908429	3.657964	0.108563	0.643543	0.175929	664.3979	4.062732	656.2224	17.68187	629.1345	77.60648	664.3979	4.062732	105.6051
071820BK-01-294	316.2145	12395.69	1.263482	9.798741	1.189432	3.962767	1.448824	0.282148	0.604722	0.417388	1602.171	8.578527	1626.607	11.74734	1659.15	24.38123	1659.15	24.38123	96.56575
071820BK-01-295	319.9956	8279.51	1.000331	9.844734	0.99471	3.970403	1.302585	0.285653	0.585659	0.449613	1619.77	8.388387	1628.168	10.56561	1639.826	21.59929	1639.826	21.59929	98.77697
071820BK-01-296	246.2258	14912.68	3.721085	9.072637	1.185364	4.823554	1.513854	0.315845	0.653481	0.431667	1769.406	10.11162	1789.014	12.73256	1812.734	24.80677	1812.734	24.80677	97.60979
071820BK-01-297	124.198	86.23523	1.839232	6.792445	22.52245	-0.48415	406.6294	0.083776	2.800861	0.006888	518.6249	13.95703	NA	NA	NA	NA	518.6249	13.95703	
071820BK-01-298	558.0135	11894.31	2.337453	13.31387	1.084598	1.785102	2.033018	0.173178	0.821211	0.403937	1029.595	7.814498	1040.041	13.23176	1062.953	37.42636	1062.953	37.42636	96.86179
071820BK-01-299	139.7473	1604.329	0.915008	13.43619	9.211121	1.031872	13.24159	0.113408	1.069304	0.080753	692.5113	7.021176	719.8636	68.38416	806.958	277.3582	692.5113	7.021176	85.81752
071820BK-01-300	297.7731	3380.357	0.826274	15.3176	3.313692	0.979192	6.05888	0.11548	0.666796	0.110053	704.4923	4.449943	693.1903	30.44614	657.6354	129.2236	704.4923	4.449943	107.1251
071820BK-01-301	283.0877	5539.059	3.101841	13.03064	2.21075	1.902511	2.524658	0.184539	0.607351	0.240568	1091.721	6.099528	1081.968	16.80449	1063.274	49.29881	1063.274	49.29881	102.6755
071820BK-01-302	335.4471	8693.017	2.715905	13.57847	2.328829	1.739685	2.472586	0.17383	0.492022	0.198991	1033.179	4.69702	1023.347	15.94362	1003.245	49.212	1003.245	49.212	102.9837
071820BK-01-303	281.1705	16040.87	1.833717	8.183089	0.936467	6.050881	1.217376	0.358842	0.493768	0.4056	1976.683	8.405731	1983.198	10.6083	1990.756	19.7887	1990.756	19.7887	99.29309

APPENDIX C. HF ISOTOPIC DATA FOR BASEMENT UNITS

The following data tables contain raw isotopic measurements for Hf isotopic analyses of detrital zircon samples from units TRPs and TRcs. All analyses were conducted at the Arizona LaserChron Center.

Unit: TRPs

Sample: 071319BK-01

Sample	(^{176}Yb + ^{176}Lu) / ^{176}Hf (%)	Volts Hf	^{176}Hf/^{177}Hf	± (1σ)	^{176}Lu/^{177}Hf	^{176}Hf/^{177}Hf (T)	E-Hf (0)	E-Hf (0) ± (1σ)	E-Hf (T)	Age (Ma)
071319BK-01-361	19.0	4.3	0.282858	0.000014	0.001175	0.282849	2.6	0.5	11.9	432
071319BK-01-73	7.6	4.4	0.282367	0.000015	0.000458	0.282364	-14.8	0.5	-5.2	436
071319BK-01-515	11.1	4.3	0.282873	0.000016	0.000698	0.282867	3.1	0.6	12.7	438
071319BK-01-292	42.6	3.9	0.282847	0.000017	0.002600	0.282825	2.2	0.6	11.2	440
071319BK-01-67	13.2	4.1	0.282812	0.000015	0.000964	0.282804	1.0	0.5	10.7	451
071319BK-01-11	23.3	4.5	0.282807	0.000015	0.001674	0.282792	0.8	0.5	10.8	473
071319BK-01-333	9.9	4.4	0.282667	0.000018	0.000745	0.282659	-4.2	0.6	8.1	561
071319BK-01-345	20.9	5.1	0.282079	0.000019	0.001190	0.282065	-25.0	0.7	-11.9	610
071319BK-01-532	10.3	6.2	0.282168	0.000010	0.000605	0.282161	-21.8	0.4	-7.7	643
071319BK-01-52	19.3	4.4	0.282078	0.000013	0.001043	0.282059	-25.0	0.5	-4.4	953
071319BK-01-148	23.1	5.5	0.282106	0.000011	0.001277	0.282082	-24.0	0.4	-2.6	995
071319BK-01-2	1.2	4.8	0.281633	0.000033	0.000077	0.281631	-40.7	1.2	-18.2	1013
071319BK-01-290	15.3	4.3	0.282210	0.000017	0.000939	0.282191	-20.3	0.6	2.4	1044
071319BK-01-156	22.5	4.5	0.282112	0.000014	0.001336	0.282085	-23.8	0.5	-0.8	1067
071319BK-01-407	16.1	5.0	0.282178	0.000017	0.000947	0.282158	-21.5	0.6	2.7	1111
071319BK-01-203	9.5	4.0	0.282116	0.000017	0.000560	0.282104	-23.7	0.6	1.4	1137
071319BK-01-396	26.4	4.4	0.281996	0.000019	0.001579	0.281962	-27.9	0.7	-2.9	1171
071319BK-01-395	26.5	4.2	0.282217	0.000014	0.001476	0.282180	-20.1	0.5	8.4	1326
071319BK-01-275	13.4	4.6	0.282062	0.000015	0.000776	0.282042	-25.6	0.5	3.9	1344
071319BK-01-142	14.3	4.8	0.282047	0.000012	0.000842	0.282025	-26.1	0.4	4.1	1377
071319BK-01-329	50.6	2.6	0.281917	0.000027	0.002813	0.281842	-30.7	0.9	-1.9	1397
071319BK-01-150	9.6	3.6	0.282098	0.000017	0.000628	0.282082	-24.3	0.6	6.9	1415
071319BK-01-338	7.0	4.3	0.281728	0.000017	0.000435	0.281716	-37.4	0.6	-5.3	1447
071319BK-01-493	7.7	4.4	0.282112	0.000019	0.000531	0.282098	-23.8	0.7	8.4	1454
071319BK-01-362	10.8	5.2	0.281833	0.000010	0.000653	0.281814	-33.6	0.4	0.9	1563
071319BK-01-260	15.3	4.5	0.281709	0.000010	0.000941	0.281680	-38.1	0.4	-3.1	1596
071319BK-01-384	23.0	4.4	0.281707	0.000013	0.001438	0.281662	-38.1	0.5	-2.6	1650
071319BK-01-235	29.8	5.1	0.281720	0.000017	0.001849	0.281661	-37.7	0.6	-1.6	1695
071319BK-01-43	23.0	4.4	0.281723	0.000019	0.001570	0.281671	-37.6	0.7	-0.3	1736
071319BK-01-91	9.2	3.9	0.281677	0.000018	0.000513	0.281659	-39.2	0.6	3.3	1910
071319BK-01-108	5.9	4.0	0.281483	0.000014	0.000362	0.281470	-46.0	0.5	-2.9	1932
071319BK-01-95	8.7	4.3	0.281496	0.000018	0.000548	0.281476	-45.6	0.6	-1.7	1975
071319BK-01-252	21.6	4.6	0.281548	0.000019	0.001227	0.281501	-43.7	0.7	0.2	2017
071319BK-01-190	9.5	3.6	0.281413	0.000019	0.000591	0.281390	-48.5	0.7	-2.6	2068
071319BK-01-123	5.6	4.6	0.281111	0.000016	0.000353	0.281094	-59.2	0.6	-2.8	2509
071319BK-01-71	6.1	4.3	0.281105	0.000015	0.000367	0.281086	-59.4	0.5	1.4	2702

Unit: TRcs

Sample: 071919BK-01

Sample	(^{176}Yb + ^{176}Lu) / ^{176}Hf (%)	Volts Hf	^{176}Hf/^{177}Hf	± (1σ)	^{176}Lu/^{177}Hf	^{176}Hf/^{177}Hf (T)	E-Hf (0)	E-Hf (0) ± (1σ)	E-Hf (T)	Age (Ma)
071919BK-01-181	6.0	4.9	0.282455	0.000015	0.000351	0.282453	-11.7	0.5	-5.9	263
071919BK-01-181	16.3	4.3	0.282676	0.000020	0.001295	0.282669	-3.9	0.7	2.3	287
071919BK-01-56	22.5	4.7	0.282468	0.000014	0.000951	0.282462	-11.2	0.5	-3.9	340
071919BK-01-380	24.6	4.8	0.282684	0.000016	0.001378	0.282676	-3.6	0.6	3.2	319
071919BK-01-184	9.8	4.9	0.282693	0.000014	0.000694	0.282688	-3.3	0.5	4.0	333
071919BK-01-90	14.4	5.1	0.282486	0.000017	0.001025	0.282479	-10.6	0.6	-3.4	334
071919BK-01-91	20.1	4.6	0.282591	0.000017	0.001404	0.282581	-6.9	0.6	1.1	373
071919BK-01-117	23.4	4.0	0.282665	0.000016	0.001468	0.282654	-4.3	0.6	3.7	375
071919BK-01-176	29.2	4.2	0.282596	0.000022	0.001879	0.282582	-6.7	0.8	1.7	401
071919BK-01-231	16.3	5.4	0.282454	0.000014	0.000931	0.282447	-11.7	0.5	-2.9	404
071919BK-01-412	21.0	4.0	0.282532	0.000018	0.001226	0.282522	-9.0	0.6	-0.2	410
071919BK-01-77	20.8	4.7	0.282506	0.000015	0.001319	0.282495	-9.9	0.5	-1.0	416
071919BK-01-445	14.0	4.8	0.282687	0.000018	0.000873	0.282680	-3.5	0.6	5.6	419
071919BK-01-97	15.3	4.7	0.282512	0.000017	0.000911	0.282504	-9.7	0.6	-0.2	436
071919BK-01-87	11.8	4.0	0.282613	0.000013	0.000726	0.282608	-6.1	0.5	3.5	439
071919BK-01-60	28.5	5.9	0.282223	0.000014	0.002242	0.282203	-19.9	0.5	-9.6	493
071919BK-01-165	34.9	3.8	0.282658	0.000017	0.002086	0.282639	-4.5	0.6	5.9	495
071919BK-01-350	19.7	5.5	0.282631	0.000013	0.001251	0.282618	-5.5	0.5	6.3	548
071919BK-01-368	16.9	5.4	0.282283	0.000013	0.001028	0.282273	-17.7	0.5	-5.8	552
071919BK-01-278	18.8	5.0	0.282254	0.000013	0.001331	0.282240	-18.8	0.5	-6.3	582
071919BK-01-107	23.9	5.6	0.282302	0.000015	0.001526	0.282285	-17.1	0.5	-4.5	593
071919BK-01-314	14.5	4.1	0.282245	0.000017	0.000848	0.282236	-19.1	0.6	-6.1	597
071919BK-01-271	12.4	4.9	0.282430	0.000014	0.000815	0.282421	-12.5	0.5	0.5	597
071919BK-01-485	19.7	4.3	0.282632	0.000017	0.001476	0.282616	-5.4	0.6	7.4	602
071919BK-01-23	16.1	4.9	0.281678	0.000017	0.000997	0.281667	-39.1	0.6	-26.1	603
071919BK-01-109	32.0	4.5	0.282452	0.000018	0.001773	0.282432	-11.8	0.6	1.0	605

071919BK-01-317	27.8	4.7	0.282506	0.000011	0.002004	0.282483	-9.9	0.4	3.3	627
071919BK-01-163	9.4	6.2	0.282451	0.000012	0.000634	0.282443	-11.8	0.4	2.6	658
071919BK-01-175	13.2	4.3	0.282508	0.000017	0.000962	0.282496	-9.8	0.6	4.9	677
071919BK-01-233	32.8	4.1	0.282533	0.000017	0.001889	0.282508	-8.9	0.6	6.0	706
071919BK-01-31	6.7	4.8	0.282541	0.000016	0.000563	0.282533	-8.6	0.6	7.3	726
071919BK-01-64	22.7	4.5	0.282525	0.000015	0.001632	0.282501	-9.2	0.5	7.6	789
071919BK-01-292	12.9	5.2	0.282068	0.000014	0.000758	0.282055	-25.4	0.5	-6.3	874
071919BK-01-11	10.5	5.2	0.282223	0.000012	0.000697	0.282210	-19.9	0.4	1.1	957
071919BK-01-80	8.7	4.5	0.282137	0.000016	0.000525	0.282127	-22.9	0.6	-0.7	1009
071919BK-01-116	13.4	5.5	0.282127	0.000013	0.000793	0.282111	-23.3	0.5	-0.3	1051
071919BK-01-324	37.0	5.7	0.282239	0.000015	0.002079	0.282196	-19.3	0.5	3.9	1103
071919BK-01-328	14.8	4.3	0.282185	0.000015	0.000870	0.282165	-21.2	0.5	5.0	1200
071919BK-01-102	29.9	4.8	0.282004	0.000013	0.001756	0.281959	-27.6	0.5	1.1	1348
071919BK-01-53	16.5	4.9	0.282095	0.000014	0.000953	0.282070	-24.4	0.5	5.9	1386
071919BK-01-85	15.6	4.5	0.281953	0.000014	0.000921	0.281928	-29.4	0.5	2.3	1448
071919BK-01-144	19.3	4.7	0.281789	0.000017	0.001189	0.281752	-35.2	0.6	0.7	1653
071919BK-01-244	6.9	5.8	0.281192	0.000014	0.000566	0.281174	-56.3	0.5	-19.2	1679
071919BK-01-146	13.9	4.8	0.281762	0.000018	0.000817	0.281734	-36.2	0.6	2.8	1771
071919BK-01-24	8.0	4.4	0.281555	0.000014	0.000453	0.281539	-43.5	0.5	-1.8	1875
071919BK-01-225	16.2	5.0	0.281296	0.000021	0.000938	0.281262	-52.7	0.7	-11.3	1887
071919BK-01-296	10.6	5.3	0.281073	0.000012	0.000661	0.281039	-60.5	0.4	-0.6	2689
071919BK-01-199	10.5	5.0	0.281037	0.000016	0.000633	0.281004	-61.8	0.6	-1.1	2721
071919BK-01-535	11.0	4.1	0.281017	0.000018	0.000650	0.280983	-62.5	0.6	-1.1	2752
071919BK-01-501	3.6	4.6	0.280811	0.000014	0.000264	0.280797	-69.8	0.5	-7.3	2771

APPENDIX D. U-PB DETRITAL ZIRCON DATA FOR THE CANTWELL FORMATION

The following data tables contain raw isotopic measurements and calculates ages for detrital zircon samples from the Cantwell Formation. All analyses were conducted at the Arizona LaserChron Center.

Member: Polychrome
Sample: PC1L-3.5m

				Isotope ratios							Apparent ages (Ma)								
Analysis	U (ppm)	206Pb 204Pb	U/Th	206Pb* 207Pb*	± (%)	207Pb* 235U	± (%)	206Pb* 238U	± (%)	error corr.	206Pb* 238U	± (Ma)	207Pb* 235U	± (Ma)	206Pb* 207Pb*	± (Ma)	Best age (Ma)	± (Ma)	Conc (%)
PC1-3_5m 1	744.5344	7004.13	2.356827	17.57226	2.165805	0.234649	2.679009	0.030725	0.864715	0.322774	195.0841	1.661651	214.029	5.169905	428.9165	56.5433	195.0841	1.661651	45.483
PC1-3_5m 2	428.5113	3770.764	2.173904	14.5259	6.525956	0.256225	7.215007	0.028289	1.173822	0.162692	179.8316	2.081731	231.6204	14.9435	797.4142	149.4077	179.8316	2.081731	22.55184
PC1-3_5m 3	301.1265	9239.534	2.171415	16.22662	3.482607	0.780899	4.408091	0.093357	0.845614	0.191832	575.3607	4.654527	585.9961	19.62863	628.3361	93.25115	575.3607	4.654527	91.56894
PC1-3_5m 4	114.1362	4048.149	1.305339	7.677434	1.547501	6.571921	1.775389	0.371593	0.758015	0.426957	2036.891	13.23849	2055.589	15.64746	2075.142	28.27713	2075.142	28.27713	98.15667
PC1-3_5m 5	418.4093	2033.298	0.312989	17.73839	3.548857	0.386409	4.297424	0.056451	0.924601	0.215152	354.0043	3.18488	331.7431	12.16228	179.4049	97.88664	354.0043	3.18488	197.3214
PC1-3_5m 6	112.6751	531.4849	1.365892	14.78707	6.722228	0.277685	14.7399	0.050284	2.101804	0.142593	316.2661	6.486871	248.8191	32.53877	NA	NA	316.2661	6.486871	
PC1-3_5m 7	219.1501	7224.072	1.409878	8.916131	0.888401	5.002096	1.185611	0.325674	0.715207	0.603239	1817.378	11.32651	1819.677	10.0331	1823.081	17.15516	1823.081	17.15516	99.68718
PC1-3_5m 8	500.0618	2630.841	2.211168	17.31193	4.537465	0.44486	4.890498	0.057835	0.852298	0.174276	362.4461	3.003884	373.6735	15.29021	444.836	107.0931	362.4461	3.003884	81.47859
PC1-3_5m 9	423.7284	18706.34	1.528839	9.062088	0.740113	5.152157	1.042337	0.318949	0.722776	0.693419	1784.593	11.26718	1844.751	8.863612	1914.059	13.47634	1914.059	13.47634	93.23605
PC1-3_5m 12	352.0077	577.5675	3.151251	15.51244	5.794607	0.172218	10.33668	0.031034	1.872156	0.181118	197.0135	3.63261	161.3421	15.42108	NA	NA	197.0135	3.63261	
PC1-3_5m 13	535.6067	1468.775	4.406947	18.52283	2.653594	0.207403	5.22474	0.03176	1.389957	0.266034	201.5532	2.758161	191.3714	9.113176	68.59896	NA	201.5532	2.758161	293.8138
PC1-3_5m 14	413.6259	19310.08	2.225067	6.151292	0.752474	11.22352	1.107527	0.466025	0.81108	0.732334	2466.104	16.62075	2541.872	10.326	2603.614	12.56547	2603.614	12.56547	94.71848
PC1-3_5m 15	471.3995	2058.071	1.705276	16.64649	5.665883	0.214153	6.981177	0.027189	1.143446	0.16379	172.9282	1.951054	197.0317	12.50349	497.3614	151.8762	172.9282	1.951054	34.76913
PC1-3_5m 16	747.6697	3449.944	2.545378	17.38876	5.282787	0.245135	8.271844	0.030941	0.958135	0.115831	196.4365	1.85374	222.6167	16.53711	510.1849	180.8856	196.4365	1.85374	38.503
PC1-3_5m 18	868.4977	1737.663	1.738918	17.97324	2.852065	0.203767	3.438727	0.02937	0.829116	0.241111	186.6051	1.524995	188.3091	5.910507	210.747	77.36918	186.6051	1.524995	88.54461
PC1-3_5m 19	1035.935	1179.594	2.29082	17.79539	4.724584	0.108319	5.630379	0.0167	1.042047	0.185076	106.7631	1.10336	104.4266	5.58743	52.47501	NA	106.7631	1.10336	203.4552
PC1-3_5m 25	434.1936	10742.92	2.622683	5.602754	0.746732	13.34484	1.11959	0.509678	0.821812	0.73403	2655.254	17.88559	2704.361	10.57602	2741.963	12.50366	2741.963	12.50366	96.8377
PC1-3_5m 31	529.0597	23785.35	2.525713	5.766078	0.6925	12.71884	1.006566	0.498241	0.729239	0.724482	2606.234	15.63317	2659.054	9.475776	2700.189	11.4574	2700.189	11.4574	96.52042
PC1-3_5m 32	204.3003	1845.768	2.314868	15.95107	6.394904	0.431869	7.774706	0.053395	1.655729	0.212964	335.3308	5.410235	364.503	23.81455	555.5162	165.9212	335.3308	5.410235	60.36382
PC1-3_5m 33	436.9184	3647.892	2.527288	16.77966	7.035503	0.252306	9.339358	0.03126	0.809322	0.086657	198.4306	1.581479	228.448	19.10803	550.9144	203.4957	198.4306	1.581479	36.01841
PC1-3_5m 34	247.1763	2052.544	2.766749	15.81426	6.279956	0.505135	10.75119	0.063929	1.108936	0.103145	399.476	4.295468	415.1726	36.6528	504.3485	235.9198	399.476	4.295468	79.20634
PC1-3_5m 35	559.889	2227.742	2.48659	16.76723	3.929616	0.233313	7.909828	0.031237	1.148345	0.14518	198.2837	2.242319	212.9295	15.19477	379.1476	176.2294	198.2837	2.242319	52.29724
PC1-3_5m 36	658.6053	852.5001	1.528672	16.27018	5.037659	0.112076	10.78652	0.018066	1.091417	0.101183	115.4188	1.24849	107.8627	11.03842	NA	NA	115.4188	1.24849	
PC1-3_5m 37	771.7302	2137.33	1.873812	17.91255	2.12457	0.401448	2.645117	0.058267	0.67183	0.253989	365.0803	2.384561	342.6981	7.693709	194.5945	59.46739	365.0803	2.384561	187.6108
PC1-3_5m 40	1781.805	2320.11	2.833703	19.30629	1.991554	0.192648	2.521456	0.030424	0.665845	0.264072	193.1987	1.267319	178.8862	4.135575	NA	NA	193.1987	1.267319	
PC1-3_5m 41	627.7575	1489.525	1.912719	17.93914	3.018151	0.360877	3.722074	0.056475	0.785883	0.211141	354.1532	2.70816	312.8693	10.02234	16.61552	NA	354.1532	2.70816	2131.46
PC1-3_5m 43	213.4165	428.9864	2.862601	12.50231	10.51855	0.236392	11.98018	0.037228	1.704244	0.142255	235.6307	3.943217	215.4614	23.26192	1.430088	NA	235.6307	3.943217	16476.65
PC1-3_5m 47	259.5515	289.8452	7.034132	14.42378	8.866752	0.077906	23.58923	0.034119	2.549312	0.108071	216.2787	5.422154	76.17435	17.31315	NA	NA	216.2787	5.422154	
PC1-3_5m 48	473.1678	729.9288	3.406826	16.96225	6.421345	0.166318	8.614699	0.031223	1.119655	0.12997	198.1988	2.185375	156.2184	12.47423	NA	NA	198.1988	2.185375	
PC1-3_5m 49	202.1681	3745.839	4.728788	8.678971	1.033441	4.450907	3.212861	0.288754	0.75517	0.235046	1635.299	10.9074	1721.868	26.64411	1829.561	56.62403	1829.561	56.62403	89.38205
PC1-3_5m 50	529.1897	1758.938	2.13807	16.31009	6.76854	0.211207	8.023745	0.028833	1.237753	0.154261	183.2427	2.23616	194.5651	14.20775	335.1852	179.9019	183.2427	2.23616	54.66909
PC1-3_5m 52	709.0897	646.1207	1.700089	15.98685	5.172425	0.132577	6.246801	0.024256	1.076162	0.172274	154.4976	1.642878	126.4109	7.425003	NA	NA	154.4976	1.642878	
PC1-3_5m 53	468.2417	529.9305	2.430929	16.60684	3.436208	0.131741	6.80046	0.02993	0.862549	0.126837	190.1131	1.615874	125.6608	8.038053	NA	NA	190.1131	1.615874	
PC1-3_5m 55	324.5638	486.977	2.990333	14.16809	6.442405	0.169832	8.81014	0.030704	1.002802	0.113824	194.954	1.925737	159.273	12.9877	NA	NA	194.954	1.925737	
PC1-3_5m 56	388.3268	5805.911	3.81567	11.25985	1.098766	2.855015	1.301537	0.23911	0.658735	0.506121	1382.071	8.19441	1370.132	9.787735	1352.389	21.65597	1352.389	21.65597	102.1948
PC1-3_5m 57	571.027	1654.057	1.428293	17.11404	4.220972	0.192945	5.349133	0.028192	1.090447	0.203855	179.2243	1.927428	179.1388	8.7849	179.0036	122.1513	179.2243	1.927428	100.1233
PC1-3_5m 58	427.9931	15718.35	2.250561	7.775097	0.728615	6.33466	1.072994	0.359465	0.781311	0.728159	1979.638	13.31777	2023.263	9.409857	2068.823	12.96096	2068.823	12.96096	95.68913
PC1-3_5m 59	703.7955	2676.617	2.766454	17.66479	3.712179	0.217294	5.9286	0.030816	0.806826	0.136091	195.654	1.554873	199.6549	10.74608	248.1855	135.2853	195.654	1.554873	78.8338
PC1-3_5m 60	529.6718	3700.62	1.817663	16.87507	5.059377	0.233466	7.795063	0.030603	0.97589	0.125193	194.3226	1.868077	213.0558	14.98226	426.502	172.7102	194.3226	1.868077	45.56195
PC1-3_5m 61	463.7576	2044.736	1.058391	13.71437	5.937427	0.260904	7.052428	0.028719	1.274501	0.180718	182.5244	2.293651	235.3951	14.81829	803.7473	145.4238	182.5244	2.293651	22.70918
PC1-3_5m 62	232.5505	11928.82	2.088173	11.71652	1.7369	2.61478	1.971166	0.225713	0.754298	0.382666	1311.99	8.954244	1304.799	14.47891	1293.824	35.4073	1293.824	35.4073	101.404
PC1-3_5m 66	1824.769	4264.166	1.778926	18.82171	1.818814	0.098924	2.631768	0.014485	0.747518	0.284036	92.70854	0.688053	95.78297	2.405547	174.0191	58.88657	92.70854	0.688053	53.27492
PC1-3_5m 67	505.5957	17647.31	2.588123	13.39988	1.062914	1.786199	1.319972	0.176009	0.683771	0.518019	1045.135	6.5971	1040.441	8.592565	1031.454	22.83878	1031.454	22.83878	101.3264
PC1-3_5m 68	898.5331	5269.414	1.240601	19.05517	2.712213	0.260973	3.502839	0.038113	0.762381	0.217647	241.1232	1.804321	235.451	7.361187	180.2086	79.72479	241.1232	1.804321	133.8022
PC1-3_5m 69	194.1768	12291.62	0.826776	8.913788	0.94965	4.989777	1.575876	0.325958	0.840812	0.533552	1818.76	13.32446	1817.591	13.33053	1817.027	24.1995	1817.027	24.1995	100.0954
PC1-3_5m 70	1955.648	11812.44	3.29295	19.3504	1.664456	0.214271	2.752173	0.03083	0.892322	0.324225	195.7396	1.720377	197.1307	4.931252	214.8203	60.28329	195.7396	1.720377	91.11781
PC1-3_5m 71	532.2524	2625.036	1.582371	17.75245	3.248222	0.40487	4.187722	0.057898	0.881772	0.210561	362.8291	3.110957	345.1743	12.25486	228.9606	94.60108	362.8291	3.110957	158.4679
PC1-3_5m 72	320.1247	757.5848	1.710405	14.43996	10.41806	0.172371	11.846	0.025096	1.769872	0.149407	159.7841	2.793213	161.4748	17.68664	187.3333	NA	159.7841	2.793213	85.294
PC1-3_5m 73	445.4601	16832.47	3.288466	14.04925	1.199234	1.562484	1.547583	0.160758	0.826513	0.534067	960.9865	7.379013	955.4521	9.581887	943.6028	26.80269	943.6028	26.80269	101.8423
PC1-3_5m 74	833.833	12136.33	2.038396	18.05897	2.72527	0.43663	3.146913	0.05849	0.9133	0.290221	366.4375	3.253331	367.873	9.71172	377.887	67.75144	366.4375	3.253331	96.97012
PC1-3_5m 75	1622.621	12633.02	2.20229	19.28258	1.922004	0.216712	2.154121	0.031019	0.921879	0.42796	196.9244	1.787956	199.1697	3.895809	226.8578	44.99549	196.9244	1.787956	86.80522
PC1-3_5m 76	459.4718	2503.582	5.677128	14.79046	8.300804	0.129438	9.617289	0.015194	1.398799	0.145446	97.20712	1.349531	123.593	11.19182	667.6952	204.1252	97.20712	1.349531	14.55861
PC1-3_5m 77	634.4131	710.1673	2.211763	14.46591	6.91025	0.103709	8.336983	0.015559	1.773057	0.212674	99.53003	1.75117	100.194	7.954419	117.0579	NA	99.53003	1.75117	85.02631
PC1-3_5m 79	674.2315	2298.798	0.749647	17.7082	3.60045	0.355895	3.805848	0.051324	0.885569	0.232686	322.6446	2.786917	309.145	10.14358	209.5378	85.84422	322.6446	2.786917	153.9792
PC1-3_5m 80	784.3644	1266.957	1.76196	18.23351	4.065245	0.170369	4.455473	0.028523	0.920017	0.206491	181.2988	1.644743	159.739	6.585627	NA	NA	181.2988	1.644743	
PC1-3_5m 81	712.1837	1223.34	2.943946	17.47334	4.692361	0.192007	5.103384	0.030721	0.997633	0.195485	195.0603	1.916839	178.3405	8.34712	NA	NA	195.0603	1.916839	
PC1-3_5m 82	1228.709	1111.584	2.01002	18.33301	2.91204	0.161979	4.433169	0.028413	0.837583	0.188935	180.6105	1.491768	152.4342	6.274956	NA	NA	180.6105	1.491768	
PC1-3_5m 83	118.9048	688.1094	1.696058	14.70785	4.87488	0.630476	6.66486	0.097409	1.021552	0.153274	599.207	5.845335	496.3925	26.17408	47.36545	NA	599.207	5.845335	1265.072
PC1-3_5m 84	288.8397	4269.739	2.241139	7.642684	0.879447	5.593511	1.240093	0.314008	0.838294	0.675993	1760.402	12.91393	1915.1	10.68238	2087.779	16.07109	2087.779	16.07109	84.31938
PC1-3_5m 85	484.665	1174.268	2.506038	16.98349	4.007907	0.226422	4.685047	0.03506	0.997471	0.212905	222.1365	2.178006	207.2409	8.782815	42.08139	NA	222.1365	2.178006	527.8733
PC1-3_5m 86	670.6527	1510.29	3.47894	17.3412	3.920211	0.238468	4.456079	0.03569	1.32522	0.297396	226.0631	2.943913	217.1654	8.712426	122.774	100.258	226.0631	2.943913	184.1295
PC1-3_5m 87	668.087	1056.288	2.524759	17.59797	4.088236	0.170141	4.723172	0.028517	0.940629	0.199152	181.2602	1.681239	159.5411	6.97334	NA	NA	181.2602	1.681239	
PC1-3_5m 88	877.2491	1311.084	1.984804	18.25037	2.866427	0.178636	3.652164	0.029417	0.72925	0.199676	186.8984	1.343388	166.8861	5.620483	NA	NA	186.8984	1.343388	
PC1-3_5m 89	641.0341	1071.617	1.918041	17.81947	5.293702	0.183094	5.511209	0.03096	0.74791	0.135707	196.5556	1.447874	170.7196	8.66049	NA	NA	196.5556	1.447874	
PC1-3_5m 90	1149.382	2267.078	1.791616	17.73503	2.433615	0.204864	2.741326	0.029345	0.802022	0.292567	186.4449	1.473912	189.2338	4.73284	225.1663	60.60692	186.4449	1.473912	82.80319
PC1-3_5m 91	76.55801	1539.353	0.957407	8.552866	2.650749	5.241294	2.798341	0.346478	0.746004	0.266588	1917.76	12.37476	1859.357	23.86571	1795.437	49.10636	1795.437	49.10636	106.813
PC1-3_5m 92	962.3494	1564.966	3.503025	18.08295	2.99398	0.194558	3.173348	0.030324	0.658244	0.207429	192.5753	1.24887	180.5113	5.248003	26.37764	NA	192.5753	1.24887	730.0705
PC1-3_5m 93	520.5966	1000.407	2.545244	17.89245	3.502997	0.173541	4.885452	0.03023	0.962619	0.197038	191.9899	1.820882	162.4874	7.335778	NA	NA	191.9899	1.820882	
PC1-3_5m 94	460.9879	1114.056	2.407573	16.24026	5.19391	0.274454	5.603711	0.040489	0.825953	0.147394	255.8625	2.071915	246.2489	12.25385	156.5818	129.8113	255.8625	2.071915	163.405
PC1-3_5m 95	539.707	472.9927	2.736677	13.78926	9.260793	0.091099	10.65926	0.015857	1.842953	0.172897	101.4178	1.854456	88.52686	9.036891	NA	NA	101.4178	1.854456	
PC1-3_5m 96	263.9614	597.5285	1.26493	15.60316	6.51554	0.309316	7.392793	0.056401	1.120927	0.151624	353.6984	3.857895	273.6509	17.7354	NA	NA	353.6984	3.857895	
PC1-3_5m 98	209.882	662.7111	1.609591	16.14939	4.691226	0.296595	6.564731	0.053691	1.086948	0.165574	337.1435	3.570398	263.7374	15.24892	NA	NA	337.1435	3.570398	
PC1-3_5m 99	352.3492	2193.067	1.367011	16.54239	3.906778	0.683694	4.081744	0.090675	0.781914	0.191564	559.5259	4.190519	529.0048	16.83117	400.3548	89.774	559.5259	4.190519	139.7575
PC1-3_5m 100	910.7983	3436.003	1.548455	17.91003	2.030369	0.412349	2.295615	0.057012	0.717102	0.312379	357.4276	2.49336	350.5654	6.805476	306.3694	49.6733	357.4276	2.49336	116.6656
PC1-3_5m 101	1859.001	2412.613	1.589651	18.73874	2.760571	0.111974	2.998192	0.016899	0.768755	0.256406	108.027	0.823544	107.7693	3.065578	103.0989	68.52428	108.027	0.823544	104.78
PC1-3_5m 102	381.6508	11406.58	1.511116	8.158798	0.653366	6.101739	0.95851	0.35828	0.651548	0.67975	1974.016	11.07894	1990.496	8.362295	2008.409	12.47564	2008.409	12.47564	98.28755
PC1-3_5m 103	108.5818	3163.414	1.14099	8.202276	1.781945	6.014732	1.959414	0.362433	0.743286	0.379341	1993.694	12.74638	1977.979	17.06091	1962.35	32.3513	1962.35	32.3513	101.5972
PC1-3_5m 104	371.6152	6049.085	2.711093	12.89537	1.231142	2.02401	1.445721	0.190874	0.694247	0.480208	1126.109	7.173218	1123.606	9.825563	1119.658	25.29602	1119.658	25.29602	100.5762
PC1-3_5m 106	1282.811	6303.115	25.12622	18.37849	1.560501	0.427541	1.724134	0.058209	0.610414	0.354041	364.7234	2.164514	361.429	5.24317	341.3276	36.50615	364.7234	2.164514	106.8543
PC1-3_5m 108	525.5022	2815.653	2.448795	18.09983	2.76173	0.376254	4.389912	0.053144	0.826269	0.18822	333.7969	2.687869	324.2782	12.18679	257.4836	99.12065	333.7969	2.687869	129.6381
PC1-3_5m 109	505.4927	2921.664	2.474697	17.65616	3.042497	0.494389	3.264681	0.067679	0.776281	0.237782	422.1582	3.172134	407.8974	10.96713	328.9536	71.9526	422.1582	3.172134	128.3337
PC1-3_5m 110	435.5661	8515.28	2.187371	12.37326	1.083196	2.27219	1.312735	0.202858	0.603727	0.4599	1190.655	6.56352	1203.696	9.256036	1228.009	22.90539	1228.009	22.90539	96.95821
PC1-3_5m 111	590.5087	1442.196	2.717427	17.43849	4.857674	0.191356	5.385592	0.028704	1.045438	0.194118	182.4295	1.880453	177.7856	8.783645	117.5032	NA	182.4295	1.880453	155.2549
PC1-3_5m 112	193.3138	1124.756	1.292319	16.06952	6.316283	0.476003	7.398705	0.068082	0.985413	0.133187	424.5927	4.049179	395.3268	24.23206	228.5591	169.5988	424.5927	4.049179	185.7693
PC1-3_5m 113	645.1137	667.7737	1.758448	15.25277	6.030861	0.183476	11.91053	0.029722	1.256556	0.1055	188.8051	2.338037	171.0475	18.75127	NA	NA	188.8051	2.338037	
PC1-3_5m 114	865.8024	4968.106	1.145844	17.4863	2.391796	0.515252	2.604511	0.066726	0.782741	0.300533	416.3976	3.156281	421.975	8.992958	453.5122	55.16468	416.3976	3.156281	91.81619
PC1-3_5m 115	1329.939	4407.256	4.041178	19.19873	1.530323	0.280408	1.804648	0.040411	0.648242	0.359207	255.3803	1.62312	250.9812	4.012979	211.0584	39.03465	255.3803	1.62312	120.9998
PC1-3_5m 116	360.2723	1673.117	2.154604	17.24226	4.61594	0.378661	5.014949	0.054053	0.935357	0.186514	339.3577	3.092104	326.0527	13.98677	233.1379	113.8098	339.3577	3.092104	145.5609
PC1-3_5m 117	246.2299	6842.779	1.519755	8.786388	0.760723	5.349635	1.058387	0.336047	0.725907	0.685862	1867.623	11.77004	1876.831	9.05443	1887.808	13.86402	1887.808	13.86402	98.93077
PC1-3_5m 118	819.7951	2008.603	2.573308	17.61683	4.456363	0.218786	4.671705	0.03113	0.791306	0.169383	197.6156	1.540018	200.8992	8.515462	240.6182	106.1728	197.6156	1.540018	82.1283
PC1-3_5m 119	574.7742	1525.177	2.499185	18.549	3.140736	0.198288	4.149442	0.031513	1.148988	0.276902	200.0124	2.262832	183.677	6.972083	NA	NA	200.0124	2.262832	
PC1-3_5m 120	445.974	1313.042	3.064247	16.60579	5.690277	0.214456	6.393479	0.03074	1.043313	0.163184	195.1756	2.005776	197.2851	11.46415	223.5945	145.9793	195.1756	2.005776	87.28997
PC1-3_5m 121	512.8059	2341.642	2.305854	17.96927	3.508012	0.403267	3.940252	0.057376	1.370787	0.347893	359.6465	4.79499	344.0148	11.49807	240.7273	85.18444	359.6465	4.79499	149.3999
PC1-3_5m 122	765.7413	1788.078	3.035053	18.01689	3.290512	0.203942	3.633096	0.03032	0.711704	0.195895	192.5498	1.350121	188.4565	6.249045	138.4964	83.70701	192.5498	1.350121	139.0287
PC1-3_5m 123	309.7312	4578.279	3.143978	13.95125	1.751112	1.646067	2.00571	0.168436	0.811843	0.404766	1003.487	7.54432	988.0434	12.66973	954.7715	37.50903	954.7715	37.50903	105.1023
PC1-3_5m 124	601.0199	1795.649	1.746469	17.06222	4.79861	0.239918	5.12864	0.03338	0.805701	0.157098	211.669	1.677725	218.3532	10.07665	292.0369	115.7438	211.669	1.677725	72.48022

PC1-3_5m 125	232.74	5785.934	1.443536	8.035894	0.927971	6.327021	1.137902	0.363451	0.642733	0.56484	1998.509	11.04473	2022.205	9.977478	2047.235	16.58998	2047.235	16.58998	97.61995
PC1-3_5m 126	1541.821	2397.971	1.761821	19.7005	2.271863	0.116056	2.869659	0.018264	0.837321	0.291784	116.6777	0.968179	111.4903	3.030008	3.122526	NA	116.6777	0.968179	3736.644
PC1-3_5m 127	944.4444	32992.78	7.418431	5.417604	0.649606	12.70768	1.028366	0.484011	0.797147	0.775159	2544.713	16.76008	2658.228	9.680394	2746.482	10.68261	2746.482	10.68261	92.65354
PC1-3_5m 128	822.1182	2479.136	1.712763	18.9038	2.656561	-0.19717	3.562581	0.037137	0.725161	0.203549	235.0636	1.673886	NA	-8.88427	NA	NA	235.0636	1.673886	
PC1-3_5m 129	616.5199	1574.014	2.577539	18.6717	2.830638	-0.11527	3.373757	0.036889	1.003969	0.297582	233.5196	2.302508	NA	-4.46322	NA	NA	233.5196	2.302508	
PC1-3_5m 130	385.8369	1852.359	1.686924	16.62582	4.857608	-0.27172	5.178943	0.073483	0.829789	0.160224	457.1054	3.661653	NA	-19.6224	NA	NA	457.1054	3.661653	
PC1-3_5m 131	442.6335	1026.096	1.934604	16.90934	4.845284	-0.09799	6.305223	0.030961	1.090601	0.172968	196.5582	2.111314	NA	-6.95484	NA	NA	196.5582	2.111314	
PC1-3_5m 132	462.9302	1991.163	2.387055	17.72535	5.22853	-0.20821	5.638912	0.059998	1.04094	0.184599	375.6155	3.798202	NA	-15.0577	NA	NA	375.6155	3.798202	
PC1-3_5m 142	1521.228	1545.496	2.997489	19.12285	2.45892	-0.10362	5.278845	0.034463	1.84265	0.349063	218.4231	3.95735	NA	-6.19632	NA	NA	218.4231	3.95735	
PC1-3_5m 143	356.5365	4072.874	1.848081	9.127374	0.845065	-2.92486	1.229725	0.390936	0.696299	0.566223	2127.169	12.61575	NA	NA	NA	NA	2127.169	12.61575	
PC1-3_5m 144	387.4454	6422.075	1.329647	8.389496	0.753616	-2.21467	1.448385	0.468537	1.205124	0.832047	2477.143	24.78628	NA	NA	NA	NA	2477.143	24.78628	
PC1-3_5m 145	291.536	483.6699	3.426123	16.64692	4.47796	-0.1186	19.33998	0.058196	1.652551	0.085447	364.6477	5.858725	NA	-26.4308	NA	NA	364.6477	5.858725	
PC1-3_5m 146	589.1432	1064.14	1.198712	18.54161	2.710687	-0.18515	5.920012	0.065774	0.815305	0.13772	410.6447	3.243599	NA	-13.6594	NA	NA	410.6447	3.243599	
PC1-3_5m 147	2853.508	1624.407	2.498729	18.83722	3.294438	-0.06079	4.135024	0.019638	0.713042	0.17244	125.3706	0.885308	NA	-2.71778	NA	NA	125.3706	0.885308	
PC1-3_5m 148	656.2241	746.2177	1.889906	16.48282	4.577942	-0.11133	8.888255	0.038792	1.013485	0.114025	245.3396	2.439758	NA	-11.3068	NA	NA	245.3396	2.439758	
PC1-3_5m 149	872.0409	896.2252	2.045246	18.30695	4.653739	0.15697	9.158578	0.028559	0.706933	0.077188	181.5223	1.265342	148.0476	12.61756	NA	NA	181.5223	1.265342	
PC1-3_5m 150	117.2241	190.047	1.236394	9.891151	20.62406	0.121162	64.80353	0.040027	2.23895	0.03455	253.0017	5.554863	116.1248	71.22586	NA	NA	253.0017	5.554863	
PC1-3_5m 157	389.4882	14126.32	2.226755	8.705141	0.707826	5.428465	1.1765	0.337561	0.688371	0.5851	1874.924	11.199	1889.36	10.08802	1906.027	17.13706	1906.027	17.13706	98.36818
PC1-3_5m 158	1313.967	1733.855	3.677638	18.12651	3.33912	0.098326	3.810828	0.015004	0.935363	0.245449	96.00619	0.891352	95.22961	3.46407	76.83397	NA	96.00619	0.891352	124.9528
PC1-3_5m 159	245.5227	474.301	1.897441	14.36581	11.26618	0.123117	15.48068	0.022974	2.815667	0.181883	146.4245	4.076355	117.8941	17.23278	NA	NA	146.4245	4.076355	
PC1-3_5m 160	295.0451	1599.801	1.840674	17.82421	4.220029	0.343011	5.726557	0.052068	1.169752	0.204268	327.2057	3.731981	299.4508	14.85193	89.38615	NA	327.2057	3.731981	366.0587
PC1-3_5m 161	367.6934	4422.314	2.83975	13.17177	1.551829	1.879943	1.688277	0.184065	0.621233	0.367969	1089.143	6.225418	1074.042	11.19056	1044.374	31.68759	1044.374	31.68759	104.2867
PC1-3_5m 162	398.5912	7672.808	2.638695	8.789021	0.761714	5.120356	1.020996	0.327349	0.67044	0.656653	1825.522	10.65872	1839.488	8.673373	1856.096	13.91358	1856.096	13.91358	98.35276
PC1-3_5m 163	603.1686	1190.006	1.292554	16.11629	8.880671	0.221003	9.146001	0.031895	0.880887	0.096314	202.3999	1.755216	202.744	16.81055	207.7676	211.4855	202.3999	1.755216	97.41647
PC1-3_5m 164	617.9776	3168.271	3.843542	17.66647	2.22223	0.512866	2.654194	0.070756	0.650315	0.245014	440.706	2.770208	420.3744	9.136455	311.2824	58.55869	440.706	2.770208	141.5775
PC1-3_5m 165	1953.582	6382.405	1.068345	18.53998	1.532346	0.418827	1.688891	0.058166	0.660057	0.390823	364.4619	2.338915	355.2119	5.062211	296.1892	35.464	364.4619	2.338915	123.0503
PC1-3_5m 166	147.4028	4574.42	3.254286	9.387311	1.656419	4.486635	1.923657	0.310777	0.867115	0.450764	1744.531	13.25305	1728.502	15.97379	1709.933	31.59601	1709.933	31.59601	102.0233
PC1-3_5m 167	224.5167	3876.429	2.669054	13.60033	3.008654	1.674143	3.166213	0.171918	0.846577	0.267378	1022.67	8.005877	998.7602	20.12958	947.5046	62.45546	947.5046	62.45546	107.933
PC1-3_5m 168	1407.797	2662.329	2.254667	18.2038	3.257156	0.125327	3.619896	0.018189	0.881633	0.243552	116.1995	1.015275	119.89	4.093494	194.782	81.63189	116.1995	1.015275	59.65615
PC1-3_5m 169	1276.072	142235.4	2.971973	9.276913	0.76522	3.754851	1.237493	0.250371	0.972331	0.785726	1440.389	12.55099	1583.15	9.922982	1779.69	13.96124	1779.69	13.96124	80.93483
PC1-3_5m 170	222.8653	7476.01	3.479929	8.871622	1.037262	5.133387	1.368451	0.332376	0.859875	0.628356	1849.89	13.82793	1841.648	11.63005	1833.121	19.29003	1833.121	19.29003	100.9148
PC1-3_5m 171	867.265	1911.791	5.517938	16.04678	2.229156	0.473931	9.233509	0.062234	0.877795	0.095066	389.1992	3.315284	393.9008	30.15522	422.5424	205.5445	389.1992	3.315284	92.1089
PC1-3_5m 172	464.5805	3145.965	3.743448	15.61486	6.974325	0.276053	7.864629	0.033359	1.210877	0.153965	211.54	2.519918	247.522	17.27724	605.098	168.3315	211.54	2.519918	34.95963
PC1-3_5m 174	325.7466	605.6581	2.467218	13.29956	7.92616	0.212915	10.10024	0.030074	1.02874	0.101853	191.0111	1.93618	195.9962	18.00461	257.4552	231.4111	191.0111	1.93618	74.19197
PC1-3_5m 175	320.0174	3414.062	3.017226	17.40494	4.122829	0.407353	4.5333	0.055136	1.095471	0.24165	345.9797	3.690195	346.9669	13.32407	354.5429	99.38753	345.9797	3.690195	97.58471
PC1-3_5m 176	583.2741	3309.822	1.99182	17.2443	5.242506	0.268516	7.904031	0.036074	0.831038	0.105141	228.4534	1.865289	241.5067	16.99001	371.3754	177.2633	228.4534	1.865289	61.5155
PC1-3_5m 177	1173.494	7980.578	3.1529	19.50129	2.000876	0.216511	3.069883	0.031521	0.790929	0.257641	200.0582	1.558017	199.0014	5.54778	187.4844	69.0585	200.0582	1.558017	106.7066
PC1-3_5m 178	869.2074	2391.443	2.23663	18.13448	2.261991	0.209536	2.806825	0.030748	0.856648	0.305202	195.2253	1.647323	193.1628	4.937279	169.0303	62.41211	195.2253	1.647323	115.4972
PC1-3_5m 179	1215.862	3319.776	2.948806	18.74406	2.646675	0.214629	2.867305	0.031546	0.773769	0.269859	200.2147	1.525389	197.4296	5.144603	165.2725	64.53107	200.2147	1.525389	121.1422
PC1-3_5m 180	718.313	2073.393	2.19974	16.85313	5.160704	0.241622	5.361696	0.033236	0.862327	0.160831	210.7679	1.788118	219.7475	10.59484	318.0142	120.3593	210.7679	1.788118	66.27625
PC1-3_5m 181	678.0365	2224.093	1.240541	17.78549	2.660415	0.249506	3.176209	0.036155	0.717812	0.225996	228.9559	1.614629	226.1749	6.440027	198.3424	71.86527	228.9559	1.614629	115.4347
PC1-3_5m 182	580.0007	2131.336	2.10976	17.3116	4.395165	0.177576	7.92639	0.025096	1.046237	0.131994	159.7815	1.651147	165.9724	12.13727	256.1758	180.8496	159.7815	1.651147	62.37182
PC1-3_5m 183	1823.656	26904.42	1.922631	17.52392	0.780251	0.618736	1.038054	0.078682	0.655035	0.631022	488.2507	3.080098	489.0547	4.028854	493.7847	17.76429	488.2507	3.080098	98.87926
PC1-3_5m 184	336.1882	1745.398	1.980243	11.7733	6.328373	0.263684	7.807833	0.024673	1.645954	0.210808	157.124	2.554926	237.631	16.54411	1135.171	152.0911	157.124	2.554926	13.84144
PC1-3_5m 185	2194.44	17591.55	2.400551	19.25552	1.890227	0.212982	2.152645	0.029952	0.672797	0.312544	190.2486	1.261283	196.0516	3.837888	267.4521	46.90717	190.2486	1.261283	71.13369
PC1-3_5m 186	1360.143	8614.088	1.996027	19.44756	2.725862	0.21263	3.353827	0.030736	0.724236	0.215943	195.1525	1.392184	195.7573	5.971342	204.0422	76.00797	195.1525	1.392184	95.6432
PC1-3_5m 187	479.5395	2678.478	2.427766	17.40244	4.880237	0.233843	5.885562	0.032322	1.158721	0.196875	205.0645	2.338731	213.3665	11.32664	307.0052	131.5318	205.0645	2.338731	66.79514
PC1-3_5m 188	1656.557	7523.971	1.722281	19.35468	1.515443	0.207218	1.829513	0.02993	0.669646	0.366024	190.1115	1.254485	191.2157	3.188666	205.8845	39.49946	190.1115	1.254485	92.3389
PC1-3_5m 189	52.97112	349.3217	2.882377	8.023682	12.65037	0.515523	18.79925	0.043797	4.407391	0.234445	276.3276	11.92151	422.1564	65.02032	1324.755	356.8722	276.3276	11.92151	20.85876
PC1-3_5m 190	179.1004	13466.87	1.27503	5.285224	0.639141	13.8131	0.942363	0.525914	0.662781	0.703318	2724.214	14.72562	2736.977	8.922873	2747.109	11.01439	2747.109	11.01439	99.16657
PC1-3_5m 191	246.4716	1558.248	2.101675	15.01535	7.67381	0.27057	9.910168	0.033884	1.734181	0.17499	214.8091	3.663798	243.1495	21.43171	527.5085	214.2943	214.8091	3.663798	40.72146
PC1-3_5m 192	515.264	51892.79	2.230721	5.696314	0.593051	12.50786	0.901828	0.511537	0.677315	0.751047	2663.189	14.77639	2643.318	8.479301	2628.853	9.898888	2628.853	9.898888	101.3061
PC1-3_5m 193	2373.21	12871.84	2.262745	19.82172	1.95646	0.122043	2.216453	0.017747	0.763678	0.34455	113.4032	0.858462	116.9221	2.447887	190.1787	48.39796	113.4032	0.858462	59.6298
PC1-3_5m 194	701.6723	5786.58	2.054828	18.5934	2.949207	0.222147	4.423333	0.031093	0.822192	0.185876	197.3876	1.59831	203.6948	8.164043	278.3545	99.54946	197.3876	1.59831	70.91229
PC1-3_5m 195	346.094	1767.919	3.305116	14.50294	6.943508	0.203867	8.80249	0.024052	2.486157	0.282438	153.2152	3.764262	188.3929	15.13686	656.7667	181.3969	153.2152	3.764262	23.32872
PC1-3_5m 196	593.0755	5561.476	2.492665	16.87048	4.747871	0.236432	5.09409	0.029909	0.745967	0.146438	189.9813	1.396519	215.4949	9.89115	505.2898	110.9301	189.9813	1.396519	37.59849
PC1-3_5m 197	204.355	9823.417	1.847525	12.46427	2.67258	2.16968	3.124163	0.197358	0.688056	0.220237	1161.111	7.310924	1171.377	21.71751	1191.241	60.16266	1191.241	60.16266	97.47066
PC1-3_5m 198	597.4799	8461.495	1.090196	17.50787	4.096575	0.330644	4.605762	0.04278	0.736999	0.160017	270.0414	1.949093	290.0577	11.62116	455.5519	100.9379	270.0414	1.949093	59.27786
PC1-3_5m 199	240.4805	16006.8	1.591437	8.733175	0.955698	5.23286	1.287391	0.329596	0.797873	0.61976	1836.422	12.75012	1857.984	10.97511	1882.97	18.19742	1882.97	18.19742	97.52792
PC1-3_5m 200	737.9704	6068.625	4.395589	18.10683	2.588556	-0.09993	4.546658	0.042417	0.941673	0.207113	267.7977	2.470116	NA	-5.12577	NA	NA	267.7977	2.470116	
PC1-3_5m 201	294.5621	1666.632	2.489334	13.48357	8.784592	-0.12551	12.09113	0.042942	1.366735	0.113036	271.0444	3.62766	NA	-17.6224	NA	NA	271.0444	3.62766	
PC1-3_5m 202	839.1461	4345.156	2.853953	18.17101	3.133438	-0.06895	3.495725	0.049654	0.821186	0.234911	312.3945	2.504173	NA	-2.6285	NA	NA	312.3945	2.504173	
PC1-3_5m 203	675.266	6716.781	1.55536	17.53391	2.684709	-0.18507	3.65372	0.075778	0.792923	0.217018	470.8753	3.600576	NA	-8.42524	NA	NA	470.8753	3.600576	
PC1-3_5m 204	243.4414	9321.358	2.993385	11.05697	1.239381	-1.30665	1.615926	0.329975	0.980287	0.606641	1838.26	15.67868	NA	NA	NA	NA	1838.26	15.67868	
PC1-3_5m 205	683.7458	10272.48	3.031904	17.85898	2.470786	-0.19318	2.761074	0.079515	0.893828	0.323725	493.2253	4.244152	NA	-6.71253	NA	NA	493.2253	4.244152	
PC1-3_5m 214	936.2708	1890.704	5.380953	18.45951	2.593931	-0.09029	2.947008	0.043977	0.706822	0.239844	277.4347	1.91937	NA	-2.96981	NA	NA	277.4347	1.91937	
PC1-3_5m 215	1147.395	1854.84	1.916208	18.28523	2.626652	-0.08784	2.996726	0.042447	0.710365	0.237047	267.9835	1.864636	NA	-2.93016	NA	NA	267.9835	1.864636	
PC1-3_5m 216	676.3133	953.3499	2.838871	16.54544	6.525274	-0.07818	6.878159	0.039298	0.759335	0.110398	248.479	1.850887	NA	-5.92337	NA	NA	248.479	1.850887	
PC1-3_5m 217	297.4472	6113.287	1.994824	8.679355	0.7932	-2.31692	1.020346	0.462865	0.635019	0.622356	2452.196	12.95255	NA	NA	NA	NA	2452.196	12.95255	
PC1-3_5m 218	658.977	2245.556	1.616816	17.59108	2.529292	-0.21316	2.721915	0.07554	0.696184	0.25577	469.4472	3.152053	NA	-7.48731	NA	NA	469.4472	3.152053	
PC1-3_5m 219	967.5974	1872.487	2.389644	18.34445	2.672592	0.446024	3.010422	0.03266	0.662042	0.219917	207.1742	1.349774	374.4913	9.428716	1607.049	54.75954	207.1742	1.349774	12.89159
PC1-3_5m 221	213.0673	224.0658	3.22902	10.08218	14.71243	0.17613	23.75714	0.018759	3.684152	0.155076	119.8054	4.373052	164.7247	36.13972	872.4263	492.5901	119.8054	4.373052	13.73244
PC1-3_5m 222	1489.297	2791.909	1.843048	19.35945	2.670903	0.452476	2.805045	0.033321	0.707973	0.252393	211.3007	1.471701	379.0116	8.872934	1596.448	50.67869	211.3007	1.471701	13.23568
PC1-3_5m 223	1910.448	1613.16	3.184723	18.17884	2.04374	0.930607	2.696537	0.028985	1.331267	0.493695	184.1954	2.417431	667.954	13.19876	3072.459	37.46987	184.1954	2.417431	5.995047
PC1-3_5m 224	243.0545	223.0471	3.113129	10.37794	22.2465	0.141419	28.26567	0.016867	2.757395	0.097553	107.8224	2.948363	134.3071	35.57377	633.4988	617.0375	107.8224	2.948363	17.02014
PC1-3_5m 226	412.046	699.1862	2.794278	17.05569	4.255635	0.348422	5.907737	0.031914	1.087262	0.18404	202.5163	2.167656	303.5337	15.50118	1177.552	114.9218	202.5163	2.167656	17.19807
PC1-3_5m 227	232.296	205.1758	3.235749	11.55846	11.99369	0.058568	41.15084	0.017651	1.666256	0.040491	112.7899	1.863023	57.79265	23.12201	NA	NA	112.7899	1.863023	
PC1-3_5m 229	346.3116	646.0942	2.611688	14.87459	9.321505	0.954178	9.74628	0.035303	1.222619	0.125445	223.6504	2.687504	680.2759	48.35732	2794.118	158.6842	223.6504	2.687504	8.004329
PC1-3_5m 230	575.3838	1029.441	2.182812	17.49185	5.977137	0.870264	6.47955	0.033373	0.866602	0.133744	211.6268	1.804185	635.7104	30.62347	2735.274	105.7947	211.6268	1.804185	7.736948
PC1-3_5m 271	1314.738	2466.631	1.742043	18.86595	1.421048	0.412567	1.72102	0.057367	0.632024	0.367238	359.5954	2.210502	350.7224	5.103936	293.398	36.54141	359.5954	2.210502	122.5623
PC1-3_5m 273	357.4629	557.9544	1.399808	14.60918	7.102463	0.30203	8.008135	0.047428	1.126306	0.140645	298.7137	3.287671	267.9846	18.86429	8.368005	NA	298.7137	3.287671	3569.712
PC1-3_5m 274	213.5307	353.4792	1.510481	13.44589	11.22636	0.234156	14.48262	0.04892	1.182603	0.081657	307.8903	3.555535	213.624	27.90757	NA	NA	307.8903	3.555535	
PC1-3_5m 275	395.6989	207.5914	0.996162	11.29513	15.43012	0.032795	37.32591	0.015094	2.258561	0.060509	96.57598	2.16497	32.76466	12.03506	NA	NA	96.57598	2.16497	
PC1-3_5m 276	623.8486	570.2508	1.55119	15.97904	3.868316	0.152902	5.603273	0.02803	1.081339	0.192984	178.2094	1.900655	144.4706	7.545695	NA	NA	178.2094	1.900655	
PC1-3_5m 277	392.7029	359.4115	2.384717	15.9828	5.581312	0.0869	14.35836	0.028763	1.120375	0.078029	182.7988	2.019267	84.61107	11.65687	NA	NA	182.7988	2.019267	
PC1-3_5m 278	300.8855	4585.957	2.471258	5.417124	0.652726	12.16376	1.912275	0.445723	1.792666	0.937452	2376.208	35.62884	2617.117	17.94376	2809.866	10.88242	2809.866	10.88242	84.5666
PC1-3_5m 279	206.8278	504.6625	0.866342	15.21631	5.069933	0.265363	9.553035	0.049867	1.151945	0.120584	313.7065	3.527206	238.9793	20.34483	NA	NA	313.7065	3.527206	
PC1-3_5m 280	357.6773	511.6116	1.718738	16.69633	4.744337	0.134744	15.85262	0.030031	1.092715	0.06893	190.7444	2.053759	128.3519	19.1159	NA	NA	190.7444	2.053759	
PC1-3_5m 281	495.038	11343.68	2.534062	5.694118	0.565786	12.45916	0.906356	0.484653	0.702659	0.775257	2547.501	14.78663	2639.651	8.519417	2711.781	9.443502	2711.781	9.443502	93.94198
PC1-3_5m 282	473.1817	657.9658	1.998431	17.02379	3.113384	0.163496	14.74842	0.030823	1.345842	0.091253	195.6968	2.594195	153.7585	21.04648	NA	NA	195.6968	2.594195	
PC1-3_5m 283	278.1503	415.7364	1.977239	14.6451	5.956099	0.145027	16.99228	0.029902	1.697572	0.099903	189.9327	3.177209	137.5112	21.85651	NA	NA	189.9327	3.177209	
PC1-3_5m 284	388.4423	584.403	1.704307	13.95533	11.31265	0.205938	13.14266	0.030137	1.074861	0.081784	191.405	2.027094	190.1383	22.79281	175.4332	NA	191.405	2.027094	109.1042
PC1-3_5m 286	396.8669	1855.779	1.870549	16.20385	3.219259	0.773635	3.650853	0.097534	0.691963	0.189535	599.9388	3.964036	581.8462	16.17085	512.8006	78.78823	599.9388	3.964036	116.9926
PC1-3_5m 300	508.2571	506.3603	1.645912	15.40849	6.58018	0.1722	14.33427	0.029187	1.074943	0.074991	185.4551	1.965133	161.3267	21.38463	NA	NA	185.4551	1.965133	
PC1-3_5m 301	453.7711	929.0868	1.911089	13.09981	11.72206	0.148024	25.71854	0.014603	2.601661	0.101159	93.45649	2.413881	140.1658	33.68349	1029.102	525.6764	93.45649	2.413881	9.081364
PC1-3_5m 319	2091.045	4168.641	3.462665	17.90089	1.089303	0.489524	1.499194	0.057489	0.810986	0.540948	360.3358	2.842102	404.5861	5.002854	666.6309	26.99948	360.3358	2.842102	54.05327
PC1-3_5m 327	516.4993	677.7082	1.826893	18.61269	3.175071	0.150485	6.87709	0.03094	0.99154	0.14418	196.4318	1.918324	142.3397	9.133926	NA	NA	196.4318	1.918324	
PC1-3_5m 328	2060.016	11662.32	1.561001	16.62259	1.036891	0.781309	1.579588	0.087407	0.976755	0.618361	540.1837	5.061254	586.2301	7.035003	769.7175	26.13867	540.1837	5.061254	70.17948
PC1-3_5m 329	390.8999	832.71	1.260677	16.74228	3.902602	0.332657	4.571941	0.053123	1.002868	0.219353	333.6663	3.261108	291.592	11.5885	NA	NA	333.6663	3.261108	
PC1-3_5m 330	268.3105	276.3969	2.016577	14.42338	10.14054	0.060185	18.53034	0.029324	1.440561	0.077741	186.3164	2.645585	59.34235	10.68157	NA	NA	186.3164	2.645585	
PC1-3_5m 331	840.5389	968.4338	2.653895	17.11373	4.839518	0.197495	5.430195	0.030661	0.83419	0.153621	194.6818	1.599739	183.0047	9.093687	35.79859	NA	194.6818	1.599739	543.8252
PC1-3_5m 332	1154.964	1039.823	1.670469	18.63231	4.248847	0.150913	4.836585	0.025682	0.940969	0.194552	163.4682	1.518846	142.7177	6.439595	NA	NA	163.4682	1.518846	
PC1-3_5m 333	264.6598	281.1448	2.565532	13.30245	9.750233	0.090852	17.92831	0.029301	1.243031	0.069333	186.1701	2.281056	88.29678	15.16248	NA	NA	186.1701	2.281056	
PC1-3_5m 334	1979.204	4100.646	2.184253	18.88026	1.307969	0.293744	1.668139	0.041078	0.772453	0.463063	259.5104	1.964782	261.5019	3.845781	280.4043	33.8467	259.5104	1.964782	92.54864

PC1-3_5m 335	749.4987	1968.092	1.906587	17.95147	2.687153	0.403562	3.422601	0.057778	0.834877	0.243931	362.1007	2.93976	344.2285	9.992612	226.2604	76.72635	362.1007	2.93976	160.0372
PC1-3_5m 336	781.0839	747.4224	2.477398	17.77528	6.26266	0.07745	9.720794	0.014762	1.307293	0.134484	94.46854	1.225976	75.74453	7.095161	NA	NA	94.46854	1.225976	
PC1-3_5m 337	54.38124	2043.476	0.860455	9.016617	2.674238	4.956042	4.964106	0.328318	0.999488	0.201343	1830.224	15.92536	1811.856	41.96579	1791.57	88.61076	1791.57	88.61076	102.1575
PC1-3_5m 338	508.1465	1223.264	2.742804	17.01295	4.239036	0.204295	6.501182	0.03033	1.502237	0.231071	192.6117	2.850685	188.7539	11.19862	141.7937	NA	192.6117	2.850685	135.8394
PC1-3_5m 339	86.76637	1695.829	1.328567	8.595294	1.628914	5.222217	1.936357	0.336359	0.816791	0.421818	1869.128	13.25285	1856.248	16.50302	1842.623	31.77727	1842.623	31.77727	101.4384
PC1-3_5m 340	313.1531	603.3914	4.063347	14.31788	8.816846	0.200728	19.22539	0.030894	1.176395	0.06119	196.143	2.272666	185.7423	32.64513	56.48509	NA	196.143	2.272666	347.2473
PC1-3_5m 341	1553.012	10284.48	1.61932	18.37153	1.987042	0.435703	2.185354	0.057362	0.646522	0.295843	359.5632	2.261013	367.2177	6.734164	416.7818	46.66216	359.5632	2.261013	86.27133
PC1-3_5m 342	775.9885	3340.13	2.022929	18.43566	1.88402	0.392389	2.82525	0.054938	0.870933	0.308268	344.7643	2.923785	336.1133	8.084486	277.6987	61.56101	344.7643	2.923785	124.1505
PC1-3_5m 343	802.5585	14648.1	2.089268	9.030466	0.681272	5.050798	1.004458	0.321002	0.714706	0.711534	1794.623	11.19569	1827.883	8.513721	1866.755	12.73813	1866.755	12.73813	96.13597
PC1-3_5m 344	779.0558	75150.23	2.476991	6.273356	0.63978	10.41644	0.943019	0.458787	0.69245	0.73429	2434.202	14.03869	2472.513	8.736744	2504.875	10.76908	2504.875	10.76908	97.17856
PC1-3_5m 345	471.4512	40106.74	23.45204	6.659478	0.663781	9.189441	0.969529	0.434173	0.699266	0.721243	2324.504	13.64655	2357.061	8.878519	2386.074	11.43496	2386.074	11.43496	97.41961
PC1-3_5m 346	667.2614	28385.13	3.176788	8.648235	0.686072	5.525657	1.001421	0.339709	0.726862	0.72583	1885.27	11.88139	1904.596	8.610272	1926.482	12.3421	1926.482	12.3421	97.86073
PC1-3_5m 347	315.2648	2192.947	2.541848	17.17249	4.549947	0.300899	9.886504	0.041326	1.369333	0.138505	261.047	3.503194	267.1024	23.2234	321.5498	222.9266	261.047	3.503194	81.184
PC1-3_5m 348	581.7477	2198.87	2.029728	17.36009	3.398679	0.239274	4.824189	0.033262	0.945903	0.196075	210.9322	1.962925	217.8258	9.457906	294.0001	108.0557	210.9322	1.962925	71.74561
PC1-3_5m 349	164.8371	464.2078	1.509964	11.89109	13.40235	0.194139	40.0443	0.026308	3.139547	0.078402	167.3974	5.187871	180.155	66.19783	351.9871	NA	167.3974	5.187871	47.55782
PC1-3_5m 350	280.7848	1948.25	2.776398	14.46662	8.405107	0.417978	10.39437	0.047753	1.071371	0.103072	300.7112	3.147745	354.6045	31.12063	725.3298	219.784	300.7112	3.147745	41.45855
PC1-3_5m 351	203.783	1582.132	3.085229	12.79785	12.70281	0.324756	13.62972	0.033141	2.166023	0.158919	210.1793	4.479117	285.5543	33.93904	960.33	276.1108	210.1793	4.479117	21.88615
PC1-3_5m 352	281.1658	26213.27	1.76854	8.362781	0.791923	5.916473	1.085427	0.353705	0.711376	0.655388	1952.265	11.98215	1963.655	9.428034	1976.439	14.60297	1976.439	14.60297	98.7769
PC1-3_5m 353	201.5453	6592.395	2.048792	13.95953	2.876851	1.735921	4.204579	0.166919	0.715723	0.170225	995.1131	6.599761	1021.951	27.09455	1080.738	83.15638	1080.738	83.15638	92.07714
PC1-3_5m 354	816.3406	3409.416	2.276707	19.68546	2.886405	0.217858	6.862342	0.031316	0.899255	0.131042	198.7778	1.760241	200.1255	12.46525	217.0257	157.6418	198.7778	1.760241	91.59184
PC1-3_5m 355	1186.242	14036.36	2.432957	18.95672	1.462132	0.452645	1.815453	0.058472	0.667751	0.367815	366.3291	2.37796	379.13	5.744046	459.0633	37.462	366.3291	2.37796	79.79926
PC1-3_5m 356	265.1095	687.0314	3.372003	10.0966	32.13239	0.182964	33.72128	0.015589	3.408347	0.101074	99.71829	3.372593	170.6081	53.00572	1319.16	669.4285	99.71829	3.372593	7.559225
PC1-3_5m 357	936.927	12418.49	1.692529	18.67595	1.890616	0.452366	2.045581	0.055403	0.678383	0.331633	347.6084	2.295667	378.9348	6.469436	576.0509	41.95372	347.6084	2.295667	60.34335
PC1-3_5m 367	562.8785	763.3267	2.290765	17.1322	5.015099	0.184154	6.372342	0.031353	0.783498	0.122953	199.0108	1.535423	171.6291	10.06276	NA	NA	199.0108	1.535423	
PC1-3_5m 368	181.5015	4110.905	0.884156	5.497555	0.706903	13.44391	0.974167	0.496916	0.66335	0.680941	2600.53	14.19539	2711.35	9.206955	2795.701	11.67792	2795.701	11.67792	93.01887
PC1-3_5m 369	649.4811	10720.74	1.71123	8.532133	0.580801	6.397225	0.896442	0.351255	0.663106	0.739709	1940.589	11.11187	2031.888	7.871971	2126.672	10.56391	2126.672	10.56391	91.25004
PC1-3_5m 370	1062.476	2004.288	3.6071	18.81799	2.295317	0.223834	3.03189	0.031136	0.762798	0.251591	197.6554	1.484831	205.0955	5.630551	292.4914	67.01694	197.6554	1.484831	67.57646
PC1-3_5m 371	62.38531	571.3654	1.162984	12.58738	8.057788	0.857478	12.15919	0.101245	1.226654	0.100883	621.7026	7.269946	628.7449	57.05457	655.0714	260.3952	621.7026	7.269946	94.90608
PC1-3_5m 372	1970.421	6034.531	5.008983	19.68192	1.553306	0.243766	1.796716	0.032087	0.629142	0.350162	203.5973	1.2609	221.4995	3.575573	417.184	37.59756	203.5973	1.2609	48.80276
PC1-3_5m 373	79.99259	1687.602	3.124869	12.46281	6.144157	2.215626	7.818501	0.199292	0.811101	0.103741	1171.515	8.688767	1185.99	54.75263	1213.319	153.2111	1213.319	153.2111	96.55455
PC1-3_5m 374	760.8927	6825.578	2.48471	18.7192	1.910499	0.431371	3.018528	0.057089	0.789478	0.261544	357.8966	2.748511	364.1496	9.237105	405.1201	65.23158	357.8966	2.748511	88.34332
PC1-3_5m 375	811.3872	8146.41	1.523002	18.44287	2.335579	0.452804	2.544184	0.058609	0.711219	0.279547	367.1633	2.538361	379.2411	8.05176	454.6329	54.24215	367.1633	2.538361	80.76039
PC1-3_5m 376	823.9966	3259.282	1.897213	18.56675	2.280427	0.341732	2.610714	0.046988	0.849414	0.325357	296.0046	2.457452	298.4835	6.751741	318.8841	56.10846	296.0046	2.457452	92.82515
PC1-3_5m 377	699.3546	10561.1	2.34229	13.95164	0.834902	1.661383	1.194519	0.160313	0.738688	0.618398	958.5134	6.579185	993.9037	7.571698	1073.742	18.83412	1073.742	18.83412	89.26851
PC1-3_5m 378	264.9254	4580.674	4.347377	11.14557	1.422419	3.095033	1.69908	0.242325	0.737299	0.43394	1398.772	9.270963	1431.461	13.03994	1481.204	29.0179	1481.204	29.0179	94.43481
PC1-3_5m 379	1045.025	3551.494	3.222516	19.21443	3.253886	0.209793	3.670513	0.030359	0.879141	0.239515	192.7942	1.669839	193.3791	6.463126	201.5174	82.7591	192.7942	1.669839	95.67124
PC1-3_5m 380	192.0099	849.094	2.177293	11.54701	11.88224	0.346135	17.42684	0.034406	2.099181	0.120457	218.0674	4.501069	301.81	45.52986	1013.801	353.1269	218.0674	4.501069	21.50988
PC1-3_5m 381	294.0292	1431.737	1.621335	13.34465	10.13307	0.2629	14.57603	0.028092	1.454936	0.099817	178.5987	2.562831	237.0016	30.81943	865.6155	302.2373	178.5987	2.562831	20.63257
PC1-3_5m 382	588.0783	2749.827	2.6966	16.75738	3.955103	0.224832	6.617723	0.028666	1.040406	0.157215	182.1954	1.869035	205.9234	12.33507	487.9581	144.3627	182.1954	1.869035	37.33833
PC1-3_5m 383	156.0062	10374.68	1.684132	8.926951	1.302243	5.217142	1.57846	0.322712	0.715596	0.453351	1802.958	11.25475	1855.42	13.45026	1915.505	25.24191	1915.505	25.24191	94.1244
PC1-3_5m 385	145.3966	3788.281	1.748863	4.704197	0.658122	17.57226	1.007496	0.567412	0.757188	0.751554	2897.183	17.67006	2966.613	9.67942	3014.719	10.67204	3014.719	10.67204	96.10128
PC1-3_5m 386	360.3225	5447.625	1.755635	8.858814	0.797765	5.381687	1.071375	0.329831	0.703199	0.656352	1837.563	11.24325	1881.944	9.174157	1932.047	14.47321	1932.047	14.47321	95.10968
PC1-3_5m 387	1284.36	1926.406	1.681219	19.24766	2.131144	0.197534	2.520619	0.030191	0.826185	0.32777	191.7407	1.560805	183.0377	4.221767	73.17142	56.64122	191.7407	1.560805	262.0431
PC1-3_5m 389	1139.302	1740.064	2.259764	18.83199	1.79589	0.206423	2.169307	0.031317	0.686032	0.316244	198.786	1.342923	190.5468	3.768877	90.65599	48.76097	198.786	1.342923	219.2751
PC1-3_5m 390	774.0139	1250.08	3.752925	19.5743	2.64151	0.176104	3.568379	0.030419	0.824624	0.231092	193.17	1.569297	164.7021	5.425347	NA	NA	193.17	1.569297	
PC1-3_5m 391	696.5098	2024.269	2.208274	17.48208	1.556984	0.412411	1.954861	0.055864	0.768313	0.393027	350.4202	2.620454	350.6099	5.795883	352.8724	40.5927	350.4202	2.620454	99.30506
PC1-3_5m 392	338.8389	3406.304	3.581623	14.06347	1.805801	1.585111	2.090711	0.160324	0.828356	0.396208	958.5766	7.378269	964.3788	13.01752	978.5355	39.11614	978.5355	39.11614	97.96033
PC1-3_5m 393	163.1555	4370.196	1.689446	5.248444	0.73404	12.83793	1.136846	0.462636	0.858238	0.754928	2451.187	17.49968	2667.831	10.70956	2837.123	12.15462	2837.123	12.15462	86.39694
PC1-3_5m 394	395.2636	782.0042	1.431876	15.94775	7.876517	0.195015	9.276889	0.03015	1.17066	0.126191	191.4893	2.208722	180.8991	15.37304	45.72643	NA	191.4893	2.208722	418.7715
PC1-3_5m 396	95.29993	436.366	0.579656	15.0237	7.434207	0.296222	16.48062	0.063434	2.067761	0.125466	396.4771	7.951185	263.4449	38.26016	NA	NA	396.4771	7.951185	
PC1-3_5m 397	925.7698	3037.689	2.401058	18.43742	2.087267	0.412406	2.370798	0.057569	0.772034	0.325643	360.8243	2.709158	350.6065	7.029056	284.4608	51.2477	360.8243	2.709158	126.845
PC1-3_5m 398	431.3967	8130.761	1.713399	9.380762	0.712911	4.51545	1.265619	0.296788	1.036611	0.819055	1675.361	15.29369	1733.821	10.52128	1805.878	13.20028	1805.878	13.20028	92.77265
PC1-3_5m 399	368.1065	11228.32	1.594816	5.424206	0.678101	13.43245	1.010922	0.514946	0.74474	0.736694	2677.71	16.31881	2710.544	9.553782	2735.81	11.2479	2735.81	11.2479	97.87631
PC1-3_5m 400	659.5061	1270.082	2.877612	16.68178	4.317104	0.20718	10.09933	0.03006	0.831063	0.082289	190.9219	1.563416	191.1835	17.60118	195.4475	NA	190.9219	1.563416	97.68453
PC1-3_5m 401	220.6201	2868.927	0.687806	11.16776	1.727488	2.786633	1.898331	0.230913	0.746462	0.39322	1339.282	9.027071	1351.959	14.18589	1372.891	33.57866	1372.891	33.57866	97.55193
PC1-3_5m 402	238.5331	744.3844	1.771857	15.28196	8.901248	0.366297	9.635728	0.056333	0.832161	0.086362	353.2878	2.860817	316.9053	26.2361	58.35937	NA	353.2878	2.860817	605.3661
PC1-3_5m 403	292.5982	493.5735	1.765783	14.42534	7.115656	0.167071	9.36017	0.029597	1.714321	0.183151	188.0286	3.176857	156.8736	13.60639	NA	NA	188.0286	3.176857	
PC1-3_5m 404	78.25134	370.3109	1.662289	10.63226	8.791049	0.708341	9.910143	0.08979	1.457079	0.147029	554.294	7.739021	543.761	41.74673	500.8308	216.2949	554.294	7.739021	110.6749
PC1-3_5m 405	164.0367	3569.514	0.446325	8.349512	1.184249	5.778239	1.391984	0.345364	0.658255	0.47289	1912.421	10.89306	1943.156	12.04933	1976.837	21.84758	1976.837	21.84758	96.74149
PC1-3_5m 407	238.8168	639.3276	1.875369	16.4144	5.229599	0.311187	8.070971	0.058031	0.903734	0.111973	363.6428	3.195389	275.1005	19.45206	NA	NA	363.6428	3.195389	
PC1-3_5m 408	83.14974	1873.368	4.673781	5.385737	0.965645	13.24782	1.314854	0.512556	0.856981	0.651769	2667.53	18.72061	2697.471	12.41438	2720.687	16.43235	2720.687	16.43235	98.04621
PC1-3_5m 409	298.0728	470.2233	3.039943	14.28217	8.999613	0.174226	12.25895	0.031535	1.892939	0.154413	200.1509	3.730523	163.0802	18.47111	NA	NA	200.1509	3.730523	
PC1-3_5m 410	205.9753	263.449	1.795391	11.86476	10.75866	0.115528	19.02729	0.029798	2.202357	0.115747	189.2819	4.108057	111.01	20.01111	NA	NA	189.2819	4.108057	
PC1-3_5m 411	674.6427	957.1976	2.265367	17.64144	3.125158	0.186632	4.436917	0.031439	0.813484	0.183344	199.5468	1.598414	173.7512	7.085783	NA	NA	199.5468	1.598414	
PC1-3_5m 412	808.4538	1102.318	2.824386	18.0482	4.769154	0.180031	5.512571	0.029566	0.787231	0.142807	187.831	1.45733	168.0873	8.539812	NA	NA	187.831	1.45733	
PC1-3_5m 413	512.184	414.2234	1.660221	14.18956	7.96425	0.088896	9.579806	0.018029	1.764093	0.184147	115.1864	2.013949	86.47426	7.94128	NA	NA	115.1864	2.013949	
PC1-3_5m 414	434.7155	7049.422	2.442436	8.484857	0.662149	5.725398	0.928814	0.343066	0.632211	0.680664	1901.4	10.41023	1935.21	8.028892	1972.364	12.12582	1972.364	12.12582	96.40212
PC1-3_5m 415	277.6153	1055.653	2.477994	16.42364	4.056986	0.58985	4.568128	0.087289	0.934688	0.204611	539.4841	4.837262	470.772	17.21057	149.2952	104.8524	539.4841	4.837262	361.354
PC1-3_5m 425	1361.999	1480.434	2.030036	17.75146	3.874147	0.117661	4.442992	0.017481	0.895587	0.201573	111.7134	0.991871	112.9491	4.749306	140.0974	102.2189	111.7134	0.991871	79.73977
PC1-3_5m 426	204.6104	2618.121	2.322243	11.36991	1.678526	2.776222	1.89729	0.231495	0.71653	0.37766	1342.33	8.682842	1349.164	14.16408	1360.835	33.85437	1360.835	33.85437	98.6402
PC1-3_5m 427	633.7178	1039.675	2.638383	18.12291	2.816195	0.181003	3.65861	0.030489	0.786963	0.215099	193.6099	1.500984	168.9235	5.693587	NA	NA	193.6099	1.500984	
PC1-3_5m 428	866.6167	2118.924	2.275691	17.78551	2.1995	0.368261	2.49196	0.051448	0.771459	0.309579	323.4034	2.433376	318.3635	6.810264	282.6614	54.20971	323.4034	2.433376	114.4137
PC1-3_5m 429	337.8046	5536.073	1.389767	8.444707	0.808588	5.682688	1.120961	0.340187	0.761601	0.679418	1887.57	12.46232	1928.741	9.679125	1974.035	14.65503	1974.035	14.65503	95.6199
PC1-3_5m 430	674.8017	903.054	2.431496	17.92894	4.237046	0.158586	5.269569	0.028035	1.072495	0.203526	178.2358	1.885386	149.465	7.324028	NA	NA	178.2358	1.885386	
PC1-3_5m 431	391.1793	868.7633	1.091128	15.98076	5.505648	0.306807	6.088615	0.046738	0.940134	0.154408	294.4638	2.706078	271.7032	14.5155	80.92018	NA	294.4638	2.706078	363.8941
PC1-3_5m 432	310.2475	2521.065	2.560718	15.53517	4.705717	0.24663	5.976055	0.029223	1.641962	0.274757	185.6815	3.005331	223.835	12.0053	647.5869	123.496	185.6815	3.005331	28.67284
PC1-3_5m 433	1188.416	11860.65	6.942395	19.96512	3.156387	0.201523	3.441912	0.028474	0.761676	0.221295	180.9931	1.359408	186.414	5.861742	256.6647	77.19125	180.9931	1.359408	70.51735
PC1-3_5m 434	811.7264	6978.17	2.814706	17.98276	5.711739	0.222816	6.067997	0.028913	0.869287	0.143258	183.7401	1.57468	204.2505	11.22736	449.0527	133.5398	183.7401	1.57468	40.91726
PC1-3_5m 435	409.5851	2980.916	1.710394	15.72348	4.24826	0.296996	5.67367	0.035118	1.114584	0.196448	222.4996	2.437635	264.0511	13.1926	651.9816	119.4909	222.4996	2.437635	34.12667
PC1-3_5m 436	916.0347	5392.105	1.681241	17.54814	7.854279	0.240357	9.271692	0.03075	0.851089	0.091794	195.2422	1.636773	218.7126	18.24507	480.4345	204.367	195.2422	1.636773	40.63868
PC1-3_5m 437	549.0925	51322.96	2.366627	9.129904	0.747252	4.89001	0.989778	0.310755	0.637275	0.643856	1744.421	9.739613	1800.536	8.343939	1866.921	13.66618	1866.921	13.66618	93.4384
PC1-3_5m 438	1233.011	11428.77	1.649617	18.96183	2.271752	0.211936	2.492804	0.028428	0.833447	0.334341	180.7034	1.485155	195.1759	4.426348	374.9098	52.85629	180.7034	1.485155	48.19918
PC1-3_5m 439	159.551	744.4242	3.176376	8.473975	27.28276	0.20469	28.50519	0.014029	5.428937	0.190454	89.8109	4.841971	189.0866	49.21693	1729.335	524.3676	89.8109	4.841971	5.193377
PC1-3_5m 440	766.4473	16984.04	1.102347	17.59958	2.277526	0.542737	2.424885	0.066126	0.699185	0.288337	412.774	2.795594	440.2276	8.662218	587.3545	50.39429	412.774	2.795594	70.27681
PC1-3_5m 441	671.009	4969.642	11.59751	13.78865	0.969326	1.675499	1.235197	0.164028	0.716169	0.579801	979.1206	6.505604	999.2748	7.85442	1044.621	20.31989	1044.621	20.31989	93.72975
PC1-3_5m 442	367.352	521.9926	2.101035	15.28204	6.099437	0.165243	7.314326	0.030603	1.611305	0.220294	194.3183	3.084341	155.2825	10.5324	NA	NA	194.3183	3.084341	
PC1-3_5m 443	213.8603	5064.021	1.965515	5.135543	0.686045	14.50891	0.978338	0.514259	0.693872	0.709235	2674.787	15.19078	2783.586	9.29361	2864.116	11.22019	2864.116	11.22019	93.38961
PC1-3_5m 444	37.99271	98.35334	2.342832	6.534256	26.07839	-0.04614	266.6071	0.047423	6.128396	0.022987	298.6814	17.88685	NA	-131.682	NA	NA	298.6814	17.88685	
PC1-3_5m 445	161.2782	393.4452	1.917445	15.13566	9.403317	0.19588	12.62553	0.049039	1.461958	0.115794	308.6178	4.405567	181.6338	21.00115	NA	NA	308.6178	4.405567	
PC1-3_5m 447	852.5533	1134.03	2.246936	18.39577	2.480486	0.179227	4.041327	0.030152	0.883303	0.218568	191.4991	1.666639	167.3949	6.236842	NA	NA	191.4991	1.666639	
PC1-3_5m 448	374.8074	6354.489	1.606123	6.450693	0.741678	8.077077	1.001357	0.366414	0.669631	0.668724	2012.506	11.57562	2239.683	9.047706	2455.063	12.58802	2455.063	12.58802	81.97369
PC1-3_5m 458	111.3474	3101.096	1.203639	9.969378	2.369188	3.845292	2.757187	0.271592	0.742193	0.269185	1548.877	10.21891	1602.282	22.22157	1674.019	49.08778	1674.019	49.08778	92.52445
PC1-3_5m 459	1605.456	4680.911	2.745086	18.9211	1.735837	0.215526	2.266298	0.029353	0.810555	0.357656	186.4967	1.490001	198.1794	4.080231	340.6215	47.92189	186.4967	1.490001	54.75189
PC1-3_5m 460	1697.161	4200.916	1.292375	17.74641	4.297266	0.131983	7.100734	0.016904	0.787363	0.110885	108.0576	0.843714	125.8779	8.406607	478.0324	156.1654	108.0576	0.843714	22.60466
PC1-3_5m 461	1252.474	5512.908	1.445255	17.98606	3.292848	0.265615	3.93333	0.033965	0.69127	0.175747	215.3189	1.463851	239.1821	8.382076	481.4951	85.5886	215.3189	1.463851	44.71881
PC1-3_5m 463	309.0511	7240.354	1.387624	10.63869	0.907794	3.481935	1.251198	0.257299	0.737293	0.58927	1476.008	9.726532	1523.13	9.87017	1590.027	18.88714	1590.027	18.88714	92.8291
PC1-3_5m 467	690.9442	5451.743	5.484239	10.57389	0.88666	3.08774	2.085345	0.228309	0.859442	0.412134	1325.629	10.29793	1429.651	15.99563	1588.89	35.50645	1588.89	35.50645	83.43111
PC1-3_5m 473	816.9836	3512.259	1.850928	17.94882	2.777151	0.217172	8.092702	0.029167	0.923648	0.114133	185.3319	1.687442	199.553	14.66239	372.1009	181.2756	185.3319	1.687442	49.80691
PC1-3_5m 481	269.0343	3151.182	3.43133	15.93678	4.697828	0.440126	5.674546	0.052231	1.056566	0.186194	328.2056	3.380912	370.3409	17.61087	644.2254	119.8878	328.2056	3.380912	50.94577
PC1-3_5m 482	378.039	1718.262	6.011347	11.25271	9.140117	0.191888	9.650585	0.016418	1.878939	0.194697	104.9769	1.956478	178.2386	15.77721	1311.053	184.0589	104.9769	1.956478	8.007065
PC1-3_5m 483	142.5853	16078.38	0.901798	7.991807	1.011224	7.485339	1.368194	0.375789	0.799231	0.58415	2056.583	14.0729	2171.234	12.25578	2282.164	19.11781	2282.164	19.11781	90.11549
PC1-3_5m 484	2579.513	22955.86	0.947974	19.45927	1.769109	0.230733	2.000684	0.027629	0.755532	0.377637	175.6946	1.309503	210.8039	3.808525	624.814	39.946	175.6946	1.309503	28.11951
PC1-3_5m 485	1073.43	9036.379	3.231941	19.43163	2.297076	0.257296	3.111688	0.031375	0.733671	0.235779	199.1496	1.438764	232.4859	6.465883	585.5494	65.66449	199.1496	1.438764	34.01073
PC1-3_5m 486	902.0812	11343.16	2.238853	18.74491	2.241568	0.314476	2.538233	0.036712	0.774779	0.305244	232.4216	1.768679	277.644	6.165966	679.3643	51.67377	232.4216	1.768679	34.21163

PC1-3_5m 487	406.1507	116127.6	1.640855	2.762774	0.632622	46.70085	1.017085	0.784247	0.79631	0.782933	3732.45	22.56315	3924.404	10.11114	4024.647	9.449119	4024.647	9.449119	92.7398
PC1-3_5m 498	240.8114	2723.993	1.549631	7.95523	0.797108	7.240836	1.044474	0.36348	0.657967	0.62995	1998.647	11.30718	2141.546	9.318743	2282.327	13.9663	2282.327	13.9663	87.57056
PC1-3_5m 499	664.9195	648.879	2.964128	16.99096	5.162342	0.197976	6.009486	0.030732	0.97678	0.16254	195.1288	1.877421	183.4126	10.08432	36.04965	NA	195.1288	1.877421	541.278
PC1-3_5m 500	2092.86	3735.821	2.206923	18.51631	1.119333	0.491729	1.377572	0.059189	0.744622	0.540532	370.6941	2.682407	406.0878	4.610868	613.5999	25.05077	370.6941	2.682407	60.413
PC1-3_5m 501	877.5646	779.5711	1.896373	17.10504	4.516105	0.188994	5.644086	0.028947	1.006796	0.178381	183.9566	1.825893	175.7708	9.109705	68.08015	NA	183.9566	1.825893	270.206
PC1-3_5m 502	383.6315	3749.445	1.912765	9.02728	0.645027	5.022888	0.952556	0.323908	0.688966	0.723281	1808.787	10.86626	1823.188	8.066374	1840.452	11.90967	1840.452	11.90967	98.27945
PC1-3_5m 504	630.5626	877.3125	1.727603	16.769	5.019743	0.194984	5.76464	0.031766	1.145739	0.198753	201.5931	2.273989	180.8731	9.55107	NA	NA	201.5931	2.273989	
PC1-3_5m 505	240.575	356.12	2.66485	11.8272	11.62259	0.18523	13.87349	0.030046	1.308779	0.094337	190.8383	2.461044	172.5506	22.01868	NA	NA	190.8383	2.461044	
PC1-3_5m 506	1142.951	2814.547	2.126995	18.18769	1.814987	0.410354	2.176122	0.057402	1.003787	0.461273	359.8058	3.51274	349.13	6.42909	279.7255	44.18519	359.8058	3.51274	128.6282
PC1-3_5m 507	799.4384	981.2233	3.060844	17.33318	5.437955	0.155849	6.21538	0.025688	1.136613	0.182871	163.5057	1.835056	147.0634	8.509643	NA	NA	163.5057	1.835056	
PC1-3_5m 508	843.6074	1275.697	1.614537	18.72905	3.390824	0.201562	3.860863	0.033971	1.112172	0.288063	215.3511	2.355512	186.447	6.576316	NA	NA	215.3511	2.355512	
PC1-3_5m 509	953.838	1323.99	2.350948	18.12502	3.088115	0.178205	3.811438	0.028511	1.07978	0.2833	181.2222	1.929552	166.5147	5.85359	NA	NA	181.2222	1.929552	
PC1-3_5m 511	257.5258	3395.469	1.682057	9.147142	1.041542	4.781175	1.467054	0.319494	0.997583	0.679991	1787.259	15.57126	1781.598	12.32014	1775.753	19.62927	1775.753	19.62927	100.6479
PC1-3_5m 512	1047.85	4510.917	2.335488	18.89051	2.006452	0.402951	2.409153	0.057357	1.115892	0.463189	359.5306	3.902147	343.7862	7.026046	239.7071	49.2295	359.5306	3.902147	149.9875
PC1-3_5m 513	669.5038	7239.977	1.65891	13.81948	1.381347	1.638464	1.802921	0.165174	1.112025	0.616791	985.4669	10.16212	985.1214	11.36869	985.2408	28.88564	985.2408	28.88564	100.023
PC1-3_5m 514	719.6073	3733.052	1.995238	17.68575	2.053551	0.529378	2.404935	0.07138	1.103104	0.458683	444.4624	4.73768	431.3969	8.452681	363.1687	48.19772	444.4624	4.73768	122.3846
PC1-3_5m 515	230.624	523.3285	2.975726	13.71614	5.629729	0.185165	50.21519	0.029438	2.04172	0.040659	187.0318	3.763802	172.4955	79.82502	NA	NA	187.0318	3.763802	
PC1-3_5m 516	120.3937	313.2248	2.697623	12.23637	12.1725	0.152648	16.61816	0.031988	1.999567	0.120324	202.9774	3.995438	144.2473	22.35	NA	NA	202.9774	3.995438	
PC1-3_5m 517	788.1556	982.9081	2.128269	15.98994	5.703847	0.1228	6.86635	0.018334	1.259165	0.183382	117.1206	1.461425	117.6074	7.62536	128.5146	NA	117.1206	1.461425	91.1341
PC1-3_5m 518	742.0004	3085.983	2.465644	18.79844	2.797604	0.392778	3.226525	0.057671	1.134042	0.351475	361.4474	3.98617	336.3967	9.239366	167.6379	70.56378	361.4474	3.98617	215.612
PC1-3_5m 519	959.728	1070.009	2.278957	15.58852	5.273936	0.105988	5.757208	0.014975	1.347751	0.234098	95.81885	1.281849	102.2885	5.602108	256.7885	128.7158	95.81885	1.281849	37.3143
PC1-3_5m 520	992.9247	2366.696	2.026154	18.68464	2.300711	0.203635	3.079786	0.030668	1.101716	0.357725	194.7283	2.113273	188.1976	5.290693	108.0541	67.91894	194.7283	2.113273	180.2136
PC1-3_5m 521	3864.882	6487.549	1.412056	19.57744	2.665742	0.103315	3.162295	0.015075	0.849939	0.268773	96.45682	0.813721	99.83215	3.006763	182.191	70.98304	96.45682	0.813721	52.94269
PC1-3_5m 522	485.2006	1251.931	2.016013	15.78214	5.315679	0.175581	7.300448	0.024214	1.719231	0.235497	154.2319	2.620135	164.2509	11.07189	312.1776	161.6284	154.2319	2.620135	49.40517
PC1-3_5m 523	1520.757	8655.054	1.918372	19.1796	2.38486	0.225449	3.252316	0.031933	0.854698	0.262797	202.6325	1.704959	206.4345	6.075476	251.0471	72.21516	202.6325	1.704959	80.71492
PC1-3_5m 524	344.1493	2832.632	5.193382	17.03968	4.262369	0.43914	4.92354	0.058831	0.944528	0.191839	368.5138	3.383096	369.6459	15.25598	377.7083	108.7702	368.5138	3.383096	97.56572
PC1-3_5m 525	603.8472	28899.23	2.299755	5.695409	0.763361	12.18031	1.11547	0.498678	0.81286	0.728715	2608.111	17.436	2618.393	10.46733	2627.064	12.70181	2627.064	12.70181	99.27853
PC1-3_5m 526	812.9306	2358.325	1.818956	17.46398	3.244883	0.204313	3.651114	0.028708	1.443369	0.395323	182.4595	2.596643	188.7691	6.28952	269.4207	76.91327	182.4595	2.596643	67.7229
PC1-3_5m 527	446.1743	1803.725	2.761992	16.06907	7.6467	0.252031	9.6586	0.033391	1.056168	0.10935	211.7373	2.199973	228.2244	19.7441	402.6559	215.4288	211.7373	2.199973	52.58517
PC1-3_5m 528	906.4965	3277.95	1.255408	17.91406	2.89364	0.214821	5.479053	0.029985	0.846064	0.154418	190.4573	1.587818	197.5905	9.838162	284.6036	123.8788	190.4573	1.587818	66.92019
PC1-3_5m 529	711.2427	6869.84	1.650161	17.17602	3.944222	0.235473	4.923044	0.030116	0.931636	0.18924	191.273	1.75579	214.7066	9.527612	481.141	106.8737	191.273	1.75579	39.75404
PC1-3_5m 530	791.3265	8616.445	2.431286	18.80096	3.111567	0.257769	4.061953	0.03592	0.844998	0.208027	227.4915	1.888775	232.8673	8.452876	288.4647	90.82029	227.4915	1.888775	78.86285
PC1-3_5m 531	194.2131	1559.23	3.731264	16.18572	11.12988	0.247612	11.83658	0.033911	1.98674	0.167847	214.9813	4.200686	224.6346	23.85769	327.9676	265.5654	214.9813	4.200686	65.54956
PC1-3_5m 532	189.9407	1062.258	5.01853	10.82277	14.24885	0.218452	15.29034	0.019824	2.429925	0.158919	126.5459	3.044986	200.6205	27.84218	1195.853	299.4401	126.5459	3.044986	10.58206
PC1-3_5m 533	111.9929	10415.03	1.138284	6.676189	1.16099	8.95743	1.483698	0.433581	0.908297	0.612184	2321.841	17.70904	2333.674	13.55306	2344.766	20.06425	2344.766	20.06425	99.02228
PC1-3_5m 534	46.01486	542.8256	2.567433	8.314171	19.56073	0.651585	23.91449	0.049543	6.525902	0.272885	311.7149	19.85828	509.4538	96.08484	1536.524	438.799	311.7149	19.85828	20.28701
PC1-3_5m 535	218.156	24956.14	1.485084	9.804812	1.073557	4.077225	1.400883	0.289515	0.798905	0.570287	1639.104	11.56268	1649.759	11.42321	1664.143	21.2961	1664.143	21.2961	98.49542
PC1-3_5m 536	144.4033	9893.627	0.825178	10.57163	1.653037	3.375371	2.17189	0.260895	0.709524	0.326685	1494.421	9.463961	1498.697	17.01434	1505.553	38.78624	1505.553	38.78624	99.2606
PC1-3_5m 537	292.3495	12083.02	1.930368	8.050715	0.720739	6.148794	1.23546	0.359756	0.75996	0.615123	1981.019	12.96155	1997.201	10.79027	2014.743	17.27422	2014.743	17.27422	98.32615
PC1-3_5m 538	1336.049	6424.97	2.635517	18.9377	2.462747	0.244506	2.813622	0.034961	0.732952	0.260501	221.5253	1.596094	222.1037	5.612973	229.2185	62.77086	221.5253	1.596094	96.64372
PC1-3_5m 539	1408.771	10183.22	4.441496	17.84764	1.683096	0.433734	3.194777	0.057565	0.780986	0.244457	360.7987	2.740383	365.8248	9.813845	398.7593	69.44305	360.7987	2.740383	90.48031
PC1-3_5m 540	1350.855	4859.236	4.94456	18.91413	2.042588	0.21378	2.390427	0.031077	0.732289	0.306342	197.2869	1.422827	196.72	4.274995	190.9616	52.94102	197.2869	1.422827	103.3123
PC1-3_5m 541	563.9638	4116.854	1.930826	17.65127	3.279073	0.367663	3.763106	0.050171	0.996526	0.264815	315.5691	3.068996	317.9202	10.27217	336.1952	82.24099	315.5691	3.068996	93.86483
PC1-3_5m 542	406.284	21228.43	2.444462	9.087406	0.707268	4.763445	1.010839	0.315493	0.710655	0.703035	1767.681	10.98699	1778.479	8.483224	1791.953	13.09108	1791.953	13.09108	98.64547
PC1-3_5m 543	1022.244	5510.742	1.017467	17.87851	2.948963	0.301958	3.158465	0.041067	0.758392	0.240114	259.4441	1.928534	267.9288	7.438131	343.7583	69.3972	259.4441	1.928534	75.47282
PC1-3_5m 544	323.6719	13403.94	1.733203	9.118461	0.711699	4.74015	1.290103	0.316241	0.71678	0.555599	1771.346	11.10165	1774.367	10.81782	1778.703	19.56707	1778.703	19.56707	99.58635
PC1-3_5m 545	242.423	19603.95	1.477823	4.871014	0.601975	15.82877	0.992181	0.558834	0.785218	0.791406	2861.808	18.14647	2866.517	9.476068	2870.526	9.861122	2870.526	9.861122	99.69629
PC1-3_5m 546	169.6447	5612.022	1.54405	10.26638	1.334461	3.580432	1.594626	0.272547	0.783769	0.491506	1553.719	10.82118	1545.203	12.65728	1534.376	26.13774	1534.376	26.13774	101.2606
PC1-3_5m 547	142.1686	7082.84	1.651077	7.038701	1.004538	7.856285	1.27442	0.404854	0.766004	0.601061	2191.353	14.23041	2214.68	11.4796	2237.069	17.61932	2237.069	17.61932	97.95641
PC1-3_5m 548	606.0499	2458.523	1.78917	16.75588	4.416593	0.231028	5.638566	0.031075	0.841401	0.149222	197.2703	1.634694	211.0474	10.74514	368.7144	125.6758	197.2703	1.634694	53.50219
PC1-3_5m 549	157.3771	197.2561	2.663314	11.08449	11.71632	0.047931	55.8274	0.028478	1.841637	0.032988	181.0161	3.28729	47.53792	25.93315	NA	NA	181.0161	3.28729	
PC1-3_5m 550	197.2497	446.7206	2.513823	11.26487	11.45553	0.261092	13.13487	0.033525	2.489538	0.189537	212.5744	5.205816	235.5467	27.61913	472.3595	286.4027	212.5744	5.205816	45.00266
PC1-3_5m 551	766.1365	2041.177	2.852712	17.92395	4.980018	0.205244	5.244546	0.030453	0.824806	0.157269	193.3803	1.571326	189.5536	9.068689	143.1679	121.6056	193.3803	1.571326	135.0724
PC1-3_5m 552	290.0259	737.0218	3.417309	12.83775	8.016915	0.260018	19.15283	0.032342	1.821271	0.095091	205.1874	3.678171	234.6812	40.15276	542.3461	420.2903	205.1874	3.678171	37.8333
PC1-3_5m 553	139.9685	2331.317	2.561902	8.727331	1.037812	5.127342	1.343587	0.331111	0.747501	0.556347	1843.763	11.98642	1840.647	11.41653	1837.898	20.21887	1837.898	20.21887	100.3191
PC1-3_5m 554	318.4183	2363.934	2.697354	14.81512	5.725697	0.286602	8.2939	0.032803	0.942995	0.113697	208.067	1.930737	255.8815	18.76176	721.4877	175.1299	208.067	1.930737	28.83861
PC1-3_5m 557	85.03862	1894.214	1.26623	5.422821	1.884346	13.13	3.266433	0.508504	2.654132	0.812547	2650.241	57.6767	2689.039	30.82902	2719.041	31.38199	2719.041	31.38199	97.4697
PC1-3_5m 558	792.0386	2788.393	2.763747	17.41304	3.09717	0.345405	3.387624	0.045921	0.761996	0.224935	289.433	2.156689	301.2594	8.831041	394.8677	74.0302	289.433	2.156689	73.29872
PC1-3_5m 559	196.4408	2220.265	1.668165	13.01228	1.975126	1.829717	2.431722	0.180237	0.853485	0.35098	1068.27	8.402127	1056.178	15.9669	1032.129	46.00399	1032.129	46.00399	103.5016
PC1-3_5m 561	505.2868	661.0255	2.277808	16.82138	4.378943	0.17398	7.095762	0.032749	1.438905	0.202784	207.7298	2.941389	162.8668	10.67782	NA	NA	207.7298	2.941389	
PC1-3_5m 562	238.091	1976.723	7.246177	11.86379	1.302247	2.358005	1.611346	0.208305	0.735307	0.456331	1219.779	8.171644	1229.981	11.48949	1248.764	28.06213	1248.764	28.06213	97.67891
PC1-3_5m 563	1084.483	2563.686	2.618049	18.1568	1.919906	0.393551	2.143986	0.054233	0.667864	0.311506	340.4571	2.21479	336.9603	6.148022	313.8895	46.3532	340.4571	2.21479	108.464
PC1-3_5m 564	510.0972	656.9068	3.551008	16.87151	5.0112	0.178946	6.442496	0.033315	1.013713	0.157348	211.2609	2.106867	167.1531	9.929465	NA	NA	211.2609	2.106867	
PC1-3_5m 565	695.0125	791.4117	3.872648	17.26083	4.046421	0.181552	5.074076	0.031565	0.843289	0.166196	200.3332	1.663408	169.3948	7.916681	NA	NA	200.3332	1.663408	
PC1-3_5m 566	101.4912	1189.944	0.857004	8.361409	1.358213	5.49766	1.636265	0.345433	0.719561	0.439758	1912.755	11.90935	1900.231	14.05828	1887.349	26.45642	1887.349	26.45642	101.3461
PC1-3_5m 567	152.5317	2157.538	1.435751	8.145454	2.116071	4.966759	3.384323	0.289845	0.962074	0.284274	1640.755	13.93656	1813.681	28.6122	2019.339	57.52383	2019.339	57.52383	81.2521
PC1-3_5m 568	653.2533	648.2295	1.60296	17.57393	4.611977	0.139958	5.78933	0.028187	0.767346	0.132545	179.1907	1.356078	133.0068	7.21731	NA	NA	179.1907	1.356078	
PC1-3_5m 569	344.9983	1064.339	0.820173	15.28913	4.719814	0.471346	6.196989	0.06104	0.84666	0.136624	381.9493	3.139875	392.1183	20.1601	453.4845	136.3637	381.9493	3.139875	84.22544
PC1-3_5m 570	667.6116	870.9665	4.254225	18.24678	2.524848	0.207138	4.008323	0.036772	0.879501	0.219419	232.7926	2.010886	191.1481	6.983967	NA	NA	232.7926	2.010886	
PC1-3_5m 571	565.4739	1058.752	2.13645	17.92204	2.795006	0.293846	4.504989	0.047033	1.150229	0.255323	296.2805	3.330778	261.5824	10.38906	NA	NA	296.2805	3.330778	
PC1-3_5m 573	373.9477	421.9278	3.790611	15.52852	6.911535	0.128577	10.05966	0.0303	1.322262	0.131442	192.4259	2.506775	122.8185	11.63765	NA	NA	192.4259	2.506775	
PC1-3_5m 574	218.9397	713.7728	1.321748	16.10124	4.616553	0.521387	5.287365	0.085978	0.920383	0.174072	531.7086	4.697369	426.0775	18.40082	NA	NA	531.7086	4.697369	
PC1-3_5m 575	481.3737	522.2335	1.788524	15.80013	8.099023	0.140901	9.862402	0.02777	1.149337	0.116537	176.5767	2.001918	133.8464	12.36805	NA	NA	176.5767	2.001918	
PC1-3_5m 576	555.3563	1284.23	0.876691	16.98483	3.504537	0.413327	3.8943	0.059447	0.776463	0.199384	372.2614	2.808598	351.2685	11.56457	215.7402	88.38035	372.2614	2.808598	172.5508
PC1-3_5m 586	574.5959	796.1381	1.949942	16.43308	4.00586	0.175561	5.15812	0.028592	1.100291	0.213312	181.7301	1.971637	164.2334	7.821902	NA	NA	181.7301	1.971637	
PC1-3_5m 587	210.3898	3050.395	1.157206	8.980274	0.997985	4.863695	1.34626	0.312776	0.852027	0.632884	1754.353	13.08624	1795.989	11.33892	1845.459	18.85909	1845.459	18.85909	95.0632
PC1-3_5m 588	363.439	435.421	2.340561	13.45965	10.95382	0.149881	14.66925	0.026072	1.396974	0.095231	165.9171	2.288246	141.8072	19.41716	NA	NA	165.9171	2.288246	
PC1-3_5m 590	273.9558	3543.187	1.697684	9.418763	1.018779	4.395219	1.355318	0.305116	0.858555	0.633471	1716.626	12.93905	1711.441	11.21141	1705.885	19.30475	1705.885	19.30475	100.6296
PC1-3_5m 592	410.7332	639.3634	1.129683	15.36049	6.982293	0.191394	9.06655	0.032631	1.137498	0.125461	206.9917	2.317126	177.8181	14.79026	NA	NA	206.9917	2.317126	
PC1-3_5m 593	693.8992	1765.595	2.579005	17.53443	3.260443	0.385772	3.596015	0.056561	0.969243	0.269532	354.677	3.344822	331.2761	10.16494	171.002	80.88537	354.677	3.344822	207.411
PC1-3_5m 594	316.9499	34149.92	2.205013	9.918633	0.832411	3.999896	1.070812	0.284443	0.654962	0.61165	1613.699	9.350067	1634.175	8.698439	1661.418	15.68238	1661.418	15.68238	97.12786
PC1-3_5m 595	232.9846	2803.229	4.408127	14.77718	8.432577	0.238198	11.88058	0.027211	2.114172	0.177952	173.0698	3.610311	216.9439	23.21087	725.5187	248.7118	173.0698	3.610311	23.85462
PC1-3_5m 596	249.4796	32380.08	5.60038	12.96862	1.745699	2.113893	1.873627	0.196882	0.639982	0.341574	1158.551	6.786438	1153.347	12.91564	1144.426	35.01909	1144.426	35.01909	101.2342
PC1-3_5m 598	126.5337	8406.805	2.533608	12.55123	2.544092	2.215358	2.828816	0.202842	0.704772	0.24914	1190.568	7.661539	1185.905	19.79266	1178.293	54.18933	1178.293	54.18933	101.0418
PC1-3_5m 599	111.314	1544.831	3.252769	9.936028	20.4868	0.471317	20.92003	0.037063	2.593466	0.12397	234.6019	5.974943	392.098	68.14755	1472.932	398.2413	234.6019	5.974943	15.92755
Member: Polychrome																				
Sample: CANT-BASE-PC																				
CANT-BASE-PC-2	316.45	14575.03	1.788448	21.1709	11.93384	0.090015	12.14845	0.013821	2.273424	0.187137	88.48841	1.997973	87.51723	10.18702	61.12956	285.2043	88.48841	1.997973	NA	
CANT-BASE-PC-78	163.7108	13473.26	2.864762	20.15065	10.1965	0.135044	10.62322	0.019736	2.980621	0.280576	125.9883	3.718775	128.6199	12.83427	177.4999	238.2739	125.9883	3.718775	NA	
CANT-BASE-PC-22	107.0749	4896.44	2.155462	17.98358	10.61811	0.176434	11.21195	0.023012	3.600472	0.321128	146.6644	5.220992	164.987	17.07519	436.6602	236.9685	146.6644	5.220992	NA	
CANT-BASE-PC-32	565.0415	91904.93	1.775389	20.34207	1.810176	0.183531	2.200123	0.027077	1.250521	0.568387	172.2292	2.125245	171.0944	3.464242	155.429	42.39012	172.2292	2.125245	NA	
CANT-BASE-PC-70	385.2889	44568.89	2.845334	19.68124	3.863418	0.196383	4.329304	0.028032	1.953682	0.451269	178.2195	3.434152	182.0607	7.21586	232.1887	89.24073	178.2195	3.434152	NA	
CANT-BASE-PC-95	100.9158	11119.68	1.547653	19.54705	14.62588	0.199489	14.91712	0.028281	2.933295	0.196639	179.782	5.200681	184.6934	25.19567	247.9864	338.2507	179.782	5.200681	NA	
CANT-BASE-PC-43	94.8245	5813.684	1.319834	20.63822	16.27528	0.189851	16.56823	0.028417	3.101849	0.187217	180.6358	5.525278	176.5024	26.84901	121.4848	385.6244	180.6358	5.525278	NA	
CANT-BASE-PC-34	234.1178	16821.84	1.679214	20.58892	8.290951	0.19047	8.418325	0.028442	1.458877	0.173298	180.7892	2.600851	177.0301	13.67696	127.1397	195.4152	180.7892	2.600851	NA	
CANT-BASE-PC-84	421.6141	50700.86	2.950313	20.12368	3.02234	0.196041	4.242647	0.028612	2.977501	0.701803	181.8579	5.339156	181.7712	7.061152	180.6217	70.45997	181.8579	5.339156	NA	
CANT-BASE-PC-4	415.8996	34561.66	2.155812	20.3077	3.126643	0.194737	3.564966	0.028682	1.712625	0.480404	182.2932	3.07827	180.6629	5.900188	159.3834	73.16646	182.2932	3.07827	NA	
CANT-BASE-PC-83	379.075	35744.57	1.599656	19.94801	3.992326	0.200308	4.383066	0.02898	1.809034	0.412732	184.1603	3.284385	185.3866	7.427126	201.0463	92.72595	184.1603	3.284385	NA	
CANT-BASE-PC-44	208.6217	50017.86	2.248264	20.36331	7.035239	0.197098	7.089874	0.029109	0.878484	0.123907	184.9707	1.601846	182.6681	11.85336	152.9626	164.9652	184.9707	1.601846	NA	
CANT-BASE-PC-72	50.96682	6324.99	2.706732	21.31456	30.28441	0.189822	30.65746	0.029344	4.768058	0.155527	186.4427	8.762377	176.4777	49.70249	44.94463	738.528	186.4427	8.762377	NA	
CANT-BASE-PC-11	414.6109	37767.54	2.990976	20.45451	3.424327	0.19827	3.976791	0.029413	2.022091	0.508473	186.8758	3.724552	183.6613	6.681459	142.4867	80.40131	186.8758	3.724552	NA	
CANT-BASE-PC-35	298.4544	15077.16	2.398174	20.06033	6.96143	0.204359	7.153484	0.029732	1.646458	0.230162	188.8734	3.064607	188.8078	12.32555	187.9655	162.1874	188.8734	3.064607	NA	
CANT-BASE-PC-31	262.4819	39609.34	1.177468	20.74655	4.283585	0.198238	4.634022	0.029829	1.767783	0.381479	189.4749	3.300759	183.6342	7.784673	109.1455	101.1892	189.4749	3.300759	NA	

CANT-BASE-PC-1	462.3235	30369.74	3.04055	20.03614	3.518354	0.206655	4.278549	0.03003	2.434577	0.569019	190.7379	4.575634	190.7422	7.440424	190.8179	81.85479	190.7379	4.575634	NA	
CANT-BASE-PC-23	244.2917	31574.89	2.962	19.55611	6.641118	0.213844	6.991878	0.03033	2.186757	0.312757	192.616	4.149741	196.7734	12.50778	246.9376	153.0402	192.616	4.149741	NA	
CANT-BASE-PC-47	225.6882	12880.92	2.486894	19.41634	4.928964	0.215637	5.176967	0.030366	1.58313	0.305803	192.8397	3.007693	198.2724	9.32476	263.4042	113.2006	192.8397	3.007693	NA	
CANT-BASE-PC-27	177.7102	26460.83	1.694718	20.2078	5.775255	0.208223	6.032164	0.030517	1.741677	0.288732	193.7855	3.324891	192.0607	10.55604	170.8929	134.9292	193.7855	3.324891	NA	
CANT-BASE-PC-12	338.1555	58896.67	1.29368	20.08621	4.089239	0.211238	4.388539	0.030773	1.592921	0.362973	195.3838	3.065616	194.5909	7.771424	184.9641	95.25914	195.3838	3.065616	NA	
CANT-BASE-PC-17	220.6491	68283.32	2.287783	19.71372	3.598644	0.216666	3.877047	0.030978	1.442653	0.372101	196.6686	2.794403	199.1312	7.010636	228.389	83.16074	196.6686	2.794403	NA	
CANT-BASE-PC-77	421.623	48538.74	3.783735	19.90308	3.012703	0.216419	3.411552	0.03124	1.60072	0.469206	198.306	3.125996	198.9252	6.163107	206.2598	69.89516	198.306	3.125996	NA	
CANT-BASE-PC-92	547.2845	86115.86	4.715907	19.94171	2.618069	0.216329	2.837253	0.031288	1.093489	0.385404	198.6031	2.13859	198.8495	5.123828	201.7772	60.80627	198.6031	2.13859	NA	
CANT-BASE-PC-50	176.9663	25593.72	2.231966	22.00461	6.959961	0.196544	7.453118	0.031367	2.666067	0.357712	199.0981	5.226957	182.1979	12.43143	-31.7132	168.9536	199.0981	5.226957	NA	
CANT-BASE-PC-80	204.157	79752.05	2.546791	18.5179	4.717385	0.233888	5.523903	0.031412	2.873985	0.520282	199.3803	5.642455	213.4028	10.6322	371.1035	106.2883	199.3803	5.642455	NA	
CANT-BASE-PC-71	455.756	49071.59	1.52359	20.08818	2.883923	0.215824	3.154844	0.031444	1.279072	0.405431	199.5803	2.513664	198.4285	5.68646	184.7358	67.18888	199.5803	2.513664	NA	
CANT-BASE-PC-94	548.9019	71726.98	1.73669	20.10878	1.509895	0.216913	2.202973	0.031635	1.604153	0.728177	200.7738	3.171082	199.3371	3.987191	182.3475	35.16006	200.7738	3.171082	NA	
CANT-BASE-PC-19	165.1813	18872.81	2.009969	20.40223	6.522143	0.213836	6.920353	0.031642	2.313641	0.334324	200.8137	4.574488	196.7666	12.37942	148.5142	153.0154	200.8137	4.574488	NA	
CANT-BASE-PC-20	254.819	22131.18	5.019413	20.12906	5.443001	0.217481	5.638293	0.03175	1.471083	0.260909	201.4915	2.918264	199.8111	10.22707	179.9995	126.9665	201.4915	2.918264	NA	
CANT-BASE-PC-10	91.40072	8244.601	2.552745	22.47285	19.86926	0.203642	20.06509	0.033191	2.796508	0.139372	210.4908	5.791329	188.2034	34.48327	-83.0257	490.6598	210.4908	5.791329	NA	
CANT-BASE-PC-96	161.9397	12877.73	3.601794	20.55356	9.488429	0.224169	10.0452	0.033416	3.297834	0.3283	211.8955	6.874366	205.3735	18.67976	131.1382	223.5604	211.8955	6.874366	NA	
CANT-BASE-PC-53	64.95838	7418.593	1.837019	18.5987	19.69653	0.250327	19.95352	0.033767	3.192118	0.159978	214.0803	6.721472	226.8421	40.58498	361.2895	448.1862	214.0803	6.721472	NA	
CANT-BASE-PC-55	68.35498	12461.75	1.831402	19.14414	11.44293	0.276629	11.8037	0.038409	2.89597	0.245344	242.9633	6.905201	247.9799	25.97622	295.7028	261.9329	242.9633	6.905201	NA	
CANT-BASE-PC-67	290.149	55738.49	1.230451	19.38918	1.94307	0.295804	4.501801	0.041597	4.060873	0.902055	262.7246	10.45444	263.1177	10.43509	266.5982	44.56227	262.7246	10.45444	NA	
CANT-BASE-PC-75	68.32779	7852.652	1.41199	19.80511	13.36287	0.309433	13.67468	0.044447	2.903539	0.21233	280.3385	7.965292	273.7411	32.82323	217.6846	310.517	280.3385	7.965292	NA	
CANT-BASE-PC-8	251.7277	52060.79	1.424477	19.36379	4.25403	0.368451	5.352536	0.051745	3.248518	0.606912	325.2262	10.30296	318.5046	14.63423	269.6031	97.58809	325.2262	10.30296	NA	
CANT-BASE-PC-97	236.9352	37702.12	1.135023	18.65574	2.30813	0.396032	3.598872	0.053585	2.761234	0.76725	336.493	9.053033	338.7665	10.36684	354.3902	52.12604	336.493	9.053033	NA	
CANT-BASE-PC-85	334.9048	161933.2	2.429187	18.88518	2.113306	0.392905	3.20012	0.053816	2.403063	0.750929	337.9044	7.910912	336.4895	9.165882	326.744	47.94985	337.9044	7.910912	NA	
CANT-BASE-PC-54	370.5317	20509.14	1.261857	18.59425	3.426632	0.409976	3.996803	0.055289	2.057334	0.514745	346.9091	6.948443	348.8576	11.80072	361.8299	77.30823	346.9091	6.948443	NA	
CANT-BASE-PC-62	328.3408	23220.22	2.449247	18.44406	2.409553	0.419675	2.663913	0.056139	1.135997	0.426439	352.1047	3.892622	355.8185	7.996188	380.0932	54.18499	352.1047	3.892622	NA	
CANT-BASE-PC-73	566.5182	184262.5	2.862443	18.55419	0.916545	0.443943	1.652841	0.05974	1.375438	0.832166	374.0461	4.99836	373.0287	5.159905	366.6917	20.65109	374.0461	4.99836	NA	
CANT-BASE-PC-21	146.0073	28710.98	1.261029	18.18132	3.315973	0.4592	4.336419	0.060552	2.794432	0.64441	378.9795	10.28505	383.7014	13.85719	412.2629	74.16647	378.9795	10.28505	NA	
CANT-BASE-PC-82	646.7462	99331.14	4.736663	18.47213	1.497101	0.458014	2.81111	0.061361	2.379292	0.846389	383.8991	8.867426	382.876	8.966775	376.6733	33.67718	383.8991	8.867426	NA	
CANT-BASE-PC-15	487.2534	138805.5	1.064156	18.34851	1.374006	0.465397	1.973803	0.061933	1.417041	0.717924	387.3712	5.327537	388.0044	6.365134	391.7611	30.83112	387.3712	5.327537	NA	
CANT-BASE-PC-13	244.2273	80964.38	2.315666	18.25305	2.353606	0.484986	3.147807	0.064204	2.090269	0.66404	401.143	8.129415	401.488	10.43903	403.4519	52.69583	401.143	8.129415	99.42771	
CANT-BASE-PC-29	396.171	28462.39	0.690426	18.08118	1.379351	0.504235	2.195125	0.066124	1.70762	0.777915	412.7612	6.827482	414.5653	7.471613	424.5983	30.79434	412.7612	6.827482	97.21217	
CANT-BASE-PC-104	316.6144	53156.67	3.319382	18.19582	1.72259	0.508034	2.007072	0.067045	1.03006	0.513215	418.3254	4.172169	417.1265	6.865645	410.4804	38.52865	418.3254	4.172169	101.9112	
CANT-BASE-PC-60	553.0278	73049.86	1.970719	17.88092	0.649791	0.529587	2.164218	0.068679	2.064367	0.953863	428.1937	8.552312	431.5353	7.608551	449.3922	14.45598	428.1937	8.552312	95.28284	
CANT-BASE-PC-74	324.8194	83075.35	2.430591	17.76212	1.25677	0.591065	3.511937	0.076143	3.279364	0.933777	473.0584	14.9578	471.5477	13.24795	464.211	27.86884	473.0584	14.9578	101.9059	
CANT-BASE-PC-26	126.4828	27605.83	1.274447	17.58103	2.87138	0.688944	3.579181	0.087847	2.136753	0.596995	542.7913	11.12326	532.1657	14.82562	486.859	63.39043	542.7913	11.12326	111.4884	
CANT-BASE-PC-106	337.0504	88142.54	1.248948	16.94057	1.056861	0.756942	1.740614	0.093001	1.383033	0.794566	573.2634	7.586121	572.2444	7.614576	568.2202	23.01216	573.2634	7.586121	100.8875	
CANT-BASE-PC-102	94.96001	33827.52	1.275212	16.93914	3.16376	0.768874	3.330703	0.094459	1.041252	0.312622	581.8568	5.793216	579.1168	14.70126	568.4044	68.87856	581.8568	5.793216	102.3667	
CANT-BASE-PC-61	231.5048	56715.44	1.861081	16.66909	1.798758	0.788035	2.318965	0.09527	1.463582	0.631136	586.6294	8.206732	590.0565	10.37788	603.2396	38.94715	586.6294	8.206732	97.2465	
CANT-BASE-PC-18	296.1373	66160.39	0.921295	16.5111	1.62811	0.819875	2.832615	0.09818	2.317966	0.818313	603.7332	13.35902	607.9787	12.95827	623.8117	35.12146	603.7332	13.35902	96.78133	
CANT-BASE-PC-49	103.005	38493.07	1.27267	16.76425	2.268174	0.812118	3.422857	0.098742	2.563462	0.748925	607.0323	14.85087	603.6413	15.57705	590.9096	49.19788	607.0323	14.85087	102.7285	
CANT-BASE-PC-69	71.39455	37665.05	2.134735	14.29064	1.810727	1.510099	2.843666	0.156515	2.192648	0.771064	937.38	19.12903	934.4794	17.37262	927.6268	37.18718	927.6268	37.18718	101.0514	
CANT-BASE-PC-105	63.56844	48699.01	1.281332	14.03954	1.586151	1.617456	3.553982	0.164696	3.180395	0.894882	982.8232	28.99169	977.0043	22.30324	963.9644	32.38541	963.9644	32.38541	101.9564	
CANT-BASE-PC-107	129.0121	56079.87	2.032484	14.02471	1.923502	1.649029	2.26952	0.167734	1.204517	0.530736	999.6132	11.15343	989.1791	14.34611	966.1233	39.25558	966.1233	39.25558	103.4664	
CANT-BASE-PC-64	33.27993	45415.33	1.344638	13.90483	6.989106	1.6095	7.687483	0.162314	3.20153	0.41646	969.6224	28.82111	973.9134	48.18074	983.6238	142.4542	983.6238	142.4542	98.57654	
CANT-BASE-PC-48	58.45722	20577.65	3.161759	13.61318	1.956262	1.723089	2.473502	0.170124	1.513688	0.611961	1012.795	14.18696	1017.177	15.89365	1026.601	39.59082	1026.601	39.59082	98.65518	
CANT-BASE-PC-56	467.0874	216662.4	3.877709	13.58307	0.403056	1.703951	1.679994	0.167862	1.630927	0.970794	1000.323	15.11178	1010.016	10.75009	1031.079	8.147802	1031.079	8.147802	97.01708	
CANT-BASE-PC-98	71.6192	66827.54	2.423494	13.579	1.676248	1.830237	2.480414	0.180249	1.828291	0.737091	1068.337	17.99968	1056.364	16.28831	1031.684	33.89925	1031.684	33.89925	103.5528	
CANT-BASE-PC-37	177.7848	168570.7	2.62609	13.49153	0.863445	1.719458	3.456886	0.168249	3.347316	0.968304	1002.454	31.07666	1015.822	22.19695	1044.733	17.43537	1044.733	17.43537	95.95313	
CANT-BASE-PC-28	15.42234	5577.534	2.925967	13.13664	7.539088	1.878016	8.359375	0.17893	3.611276	0.432003	1061.124	35.33276	1073.363	55.44229	1098.288	151.0596	1098.288	151.0596	96.61618	
CANT-BASE-PC-24	132.4795	64258.51	2.421245	13.11047	1.091594	1.954035	1.958745	0.185801	1.626378	0.830316	1098.591	16.42774	1099.834	13.15675	1102.314	21.81221	1102.314	21.81221	99.66226	
CANT-BASE-PC-100	32.67767	25462.6	1.587184	13.01814	6.389276	1.929835	6.685999	0.182208	1.969703	0.294601	1079.026	19.57014	1091.482	44.746	1116.434	127.6277	1116.434	127.6277	96.64932	
CANT-BASE-PC-66	45.02661	85493.45	5.848893	12.7245	3.054069	2.148195	4.087694	0.19825	2.716967	0.66467	1165.912	28.97819	1164.471	28.32912	1161.771	60.53773	1161.771	60.53773	100.3564	
CANT-BASE-PC-45	47.93295	60808.78	1.34506	12.64036	2.439296	2.154737	2.99028	0.197539	1.729627	0.578417	1162.086	18.39225	1166.579	20.74117	1174.948	48.26925	1174.948	48.26925	98.90525	
CANT-BASE-PC-38	142.7489	121784	2.827926	12.62052	0.878438	2.11831	1.504655	0.193895	1.221611	0.811888	1142.438	12.78943	1154.786	10.37892	1178.057	17.37277	1178.057	17.37277	96.97647	
CANT-BASE-PC-88	150.3293	47443.28	3.324902	12.47498	1.614177	2.20074	2.193612	0.199117	1.485384	0.677141	1170.573	15.90025	1181.279	15.31585	1200.919	31.83696	1200.919	31.83696	97.47305	
CANT-BASE-PC-63	173.1349	116712.4	3.596727	11.46218	1.228025	2.777327	4.946434	0.230883	4.791572	0.968692	1339.128	57.94072	1349.461	36.94504	1365.859	23.64777	1365.859	23.64777	98.04292	
CANT-BASE-PC-65	87.65448	73534.67	2.539541	11.39413	1.186236	2.899591	2.1204	0.239616	1.757538	0.828871	1384.703	21.9005	1381.806	16.01037	1377.317	22.80605	1377.317	22.80605	100.5362	
CANT-BASE-PC-57	50.61465	34767.96	2.899449	10.87232	1.661386	3.129384	3.715032	0.246763	3.322839	0.894431	1421.76	42.39648	1439.943	28.59439	1466.887	31.55474	1466.887	31.55474	96.92363	
CANT-BASE-PC-25	119.0027	97777.11	2.130956	10.80847	0.49133	3.218856	1.464903	0.252327	1.380049	0.942076	1450.467	17.92505	1461.709	11.34916	1478.065	9.317269	1478.065	9.317269	98.13284	
CANT-BASE-PC-79	676.7213	514148.2	2.866327	10.67526	0.138788	3.242995	1.124922	0.251086	1.116327	0.99236	1444.076	14.44264	1467.502	8.730452	1501.545	2.623633	1501.545	2.623633	96.1727	
CANT-BASE-PC-101	278.4938	236643.9	1.483265	10.61447	0.508511	3.549567	0.971421	0.273258	0.827693	0.852043	1557.316	11.45101	1538.338	7.695752	1512.333	9.597534	1512.333	9.597534	102.9744	
CANT-BASE-PC-46	76.34163	45312.15	1.084697	10.22265	0.957264	3.74179	2.252103	0.277422	2.038532	0.905168	1578.367	28.53945	1580.357	18.04683	1582.996	17.9015	1582.996	17.9015	99.70762	
CANT-BASE-PC-6	75.59371	111158.9	0.798355	9.973749	0.790139	3.814986	3.21773	0.275963	3.11921	0.969382	1570.996	43.48921	1595.911	25.89236	1628.953	14.68794	1628.953	14.68794	96.44208	
CANT-BASE-PC-87	134.3605	88114.42	0.805419	9.855441	0.495475	4.02833	0.969351	0.287939	0.833154	0.859497	1631.22	12.00739	1639.933	7.885348	1651.106	9.185165	1651.106	9.185165	98.7956	
CANT-BASE-PC-5	189.4925	213509.6	1.116199	9.676156	0.317323	4.149599	2.174634	0.291211	2.151357	0.989296	1647.578	31.27841	1664.131	17.7948	1685.062	5.857152	1685.062	5.857152	97.77549	
CANT-BASE-PC-100	425.9624	595633	3.147624	9.189171	0.195114	4.805412	1.534117	0.320262	1.521659	0.991879	1791.01	23.79486	1785.846	12.89465	1779.804	3.557142	1779.804	3.557142	100.6296	
CANT-BASE-PC-7	37.66474	58543.9	0.92484	9.169423	1.878913	4.808467	2.407766	0.319777	1.505664	0.625337	1788.641	23.51771	1786.38	20.24169	1783.724	34.25486	1783.724	34.25486	100.2757	
CANT-BASE-PC-40	75.98345	49520.74	0.879174	8.968887	0.751179	4.927405	2.737951	0.32052	2.632889	0.961628	1792.27	41.19715	1806.962	23.11449	1823.935	13.62612	1823.935	13.62612	98.26389	
CANT-BASE-PC-42	28.33104	22703.91	1.299726	8.934451	2.19128	5.037933	2.968705	0.326452	2.002872	0.674662	1821.16	31.77624	1825.721	25.15648	1830.911	39.7212	1830.911	39.7212	99.46743	
CANT-BASE-PC-39	223.593	157785	2.344945	8.927758	0.157604	5.010093	1.700677	0.324405	1.693358	0.995697	1811.204	26.73842	1821.029	14.39612	1832.27	2.856319	1832.27	2.856319	98.85028	
CANT-BASE-PC-91	126.2133	237430.8	1.920949	8.891208	0.46963	5.262354	1.828413	0.339344	1.767071	0.966451	1883.511	28.86176	1862.777	15.60202	1839.701	8.503645	1839.701	8.503645	102.3813	
CANT-BASE-PC-41	58.2781	61311.09	3.650978	8.807782	1.028594	5.075069	1.85146	0.324196	1.539447	0.831477	1810.187	24.29629	1831.947	15.70614	1856.75	18.58498	1856.75	18.58498	97.49225	
CANT-BASE-PC-86	80.3305	314832.1	2.98026	8.74699	0.699424	5.330188	2.196886	0.338143	2.082573	0.947966	1877.728	33.92501	1873.717	18.78507	1869.255	12.6195	1869.255	12.6195	100.4533	
CANT-BASE-PC-30	224.4029	294301.2	2.478048	8.569958	0.40146	5.432099	1.583867	0.337633	1.532143	0.967344	1875.273	24.93032	1889.933	13.5828	1906.061	7.211512	1906.061	7.211512	98.38474	
CANT-BASE-PC-68	64.69746	108731.2	1.138554	8.531416	0.931564	5.606351	2.089043	0.346897	1.869837	0.895069	1919.763	31.04496	1917.075	18.00286	1914.154	16.71605	1914.154	16.71605	100.293	
CANT-BASE-PC-59	387.215	856376.1	3.967459	7.832927	0.351369	6.314623	1.929415	0.358732	1.897151	0.983278	1976.161	32.28941	2020.486	16.91419	2066.07	6.195198	2066.07	6.195198	95.64833	
CANT-BASE-PC-93	60.85057	64758.77	1.694203	7.731931	1.085307	6.935549	2.018534	0.388927	1.701936	0.843155	2117.848	30.72225	2103.216	17.91492	2088.917	19.08476	2088.917	19.08476	101.385	
CANT-BASE-PC-9	131.5295	159475.6	2.751814	7.726552	0.25842	6.916597	1.6149	0.387594	1.59409	0.987113	2111.66	28.7044	2100.788	14.3271	2090.141	4.543995	2090.141	4.543995	101.0295	
CANT-BASE-PC-52	164.8259	250004.4	3.173493	7.602118	0.242155	6.910032	1.966484	0.38099	1.951518	0.992389	2080.906	34.70706	2099.946	17.44476	2118.64	4.24442	2118.64	4.24442	98.21896	
CANT-BASE-PC-58	179.3615	227364.5	2.015547	7.291675	0.311366	7.369517	2.530283	0.389731	2.511052	0.9924	2121.581	45.39578	2157.279	22.62609	2191.414	5.411411	2191.414	5.411411	96.81336	
CANT-BASE-PC-36	227.4167	381052.1	2.342894	6.742051	2.057813	8.973345	9.196525	0.438778	8.963341	0.974644	2345.169	176.2575	2335.296	84.20954	2326.666	35.26257	2326.666	35.26257	100.7953	
CANT-BASE-PC-33	92.4379	106519.5	6.173152	6.497634	0.535186	9.348004	2.077251	0.440527	2.007125	0.966241	2353.001	39.56848	2372.741	19.05602	2389.725	9.108679	2389.725	9.108679	98.46324	
CANT-BASE-PC-108	60.67822	177404.8	1.390342	6.007183	0.952616	10.96702	4.128709	0.477813	4.017307	0.973018	2517.733	83.73678	2520.337	38.43741	2522.42	15.99944	2522.42	15.99944	99.81419	
CANT-BASE-PC-89	129.9747	152927.1	1.232169	5.964937	0.253553	11.04965	0.938946	0.478028	0.904063	0.962849	2518.669	18.84902	2527.325	8.742895	2534.268	4.254149	2534.268	4.254149	99.38448	
CANT-BASE-PC-51	26.79371	25257.36	0.589373	5.831396	0.721823	11.04768	3.194235	0.467242	3.111609	0.974133	2471.456	63.87894	2527.158	29.75012	2572.181	12.06621	2572.181	12.06621	96.08408	
CANT-BASE-PC-76	188.996	393892.3	2.905199	5.723031	0.209686	11.43396	4.531691	0.474593	4.526837	0.998929	2503.671	93.92755	2559.203	42.33787	2603.483	3.49458	2603.483	3.49458	96.16624	
CANT-BASE-PC-14	67.99182	129756.2	1.163164	5.347818	0.377649	13.4651	2.331701	0.522258	2.300916	0.986797	2708.749	50.88909	2712.839	22.04242	2715.874	6.226987	2715.874	6.226987	99.73767	
CANT-BASE-PC-90	71.66198	277703.5	3.370258	5.010185	0.657407	15.49851	2.600696	0.563174	2.516235	0.967524	2879.732	58.44085	2846.393	24.8114	2822.864	10.73053	2822.864	10.73053	102.0145	

Member: Polychrome
Sample: CANT-TOP-PC

				Isotope ratios						Apparent ages (Ma)							
Analysis	U (ppm)	206Pb 204Pb	U/Th	206Pb* 207Pb*	± (%)	207Pb* 235U*	± (%)	206Pb* 238U	± (%)	error corr.	206Pb* 238U*	± (Ma)	207Pb* 235U	± (Ma)	206Pb* 207Pb*	± (Ma)	Best age (Ma)	± (Ma)	Conc (%)
CANTOP PC-2	589.2155	22417.88	4.507887	21.3465	9.408373	0.094558	9.657339	0.014639	2.178695	0.2256	93.68764	2.026407	91.74052	8.471437	41.41145	225.4112	93.68764	2.026407	NA	
CANTOP PC-22	194.6906	1315.067	2.643141	16.08085	29.35968	0.138828	29.56187	0.016191	3.451568	0.116757	103.5408	3.545234	131.9997	36.60747	680.4834	640.1817	103.5408	3.545234	NA	
CANTOP PC-95	201.1384	12658.82	1.783085	21.33026	9.550857	0.144394	9.872321	0.022338	2.498769	0.253109	142.4149	3.519599	136.9498	12.64866	43.19855	228.7819	142.4149	3.519599	NA	
CANTOP PC-39	281.9402	20349.58	1.690274	20.74673	5.654252	0.190596	6.261075	0.028679	2.68896	0.429472	182.2742	4.832637	177.1374	10.17752	109.1328	133.5972	182.2742	4.832637	NA	
CANTOP PC-107	158.5338	23301.02	1.675995	19.95009	7.715451	0.200353	8.079249	0.028989	2.397098	0.296698	184.2199	4.353433	185.4245	13.69346	200.7808	179.3596	184.2199	4.353433	NA	
CANTOP PC-40	248.6647	31545.35	1.739315	19.57289	6.31317	0.209919	7.103118	0.029799	3.255483	0.458317	189.292	6.072775	193.4849	12.51402	244.936	145.5283	189.292	6.072775	NA	
CANTOP PC-42	72.31807	4506.835	1.339625	23.52612	26.77178	0.175735	27.30697	0.029985	5.379804	0.197012	190.4554	10.09626	164.3835	41.46606	-196.443	680.5501	190.4554	10.09626	NA	

CANTOP PC-102	320.743	47273.74	2.380494	20.11764	6.656049	0.207738	7.941379	0.03031	4.331573	0.545443	192.4905	8.214615	191.6526	13.87062	181.3225	155.2512	192.4905	8.214615	NA	
CANTOP PC-60	161.4961	17387.86	3.115653	22.37368	10.3863	0.187727	10.53004	0.030462	1.733913	0.164663	193.4408	3.304272	174.6877	16.90089	-72.2048	254.3858	193.4408	3.304272	NA	
CANTOP PC-53	298.9044	47949	2.464899	19.86061	6.726828	0.213459	8.580093	0.030747	5.326142	0.620756	195.2233	10.24201	196.4513	15.32655	211.2243	156.0471	195.2233	10.24201	NA	
CANTOP PC-63	97.4685	11241.17	2.169304	21.74369	8.00919	0.195057	9.178533	0.030761	4.483118	0.488435	195.3065	8.624517	180.9352	15.21279	-2.8661	193.4221	195.3065	8.624517	NA	
CANTOP PC-34	132.4906	19198.17	1.194792	20.83708	19.31402	0.204816	19.43847	0.030953	2.196112	0.112978	196.5086	4.250435	189.1931	33.56552	98.85658	460.6577	196.5086	4.250435	NA	
CANTOP PC-62	112.5787	13292.12	1.947373	17.72905	10.36162	0.241148	10.94003	0.031008	3.510115	0.320851	196.8513	6.805276	219.3601	21.58608	468.3094	229.9664	196.8513	6.805276	NA	
CANTOP PC-28	200.4082	22572.77	1.945873	18.9347	9.577052	0.226287	9.978767	0.031075	2.802831	0.28088	197.2753	5.445547	207.1289	18.69922	320.7971	218.0381	197.2753	5.445547	NA	
CANTOP PC-82	469.1514	24390.2	3.008363	19.69215	3.333781	0.218308	3.780016	0.031179	1.781691	0.471345	197.9227	3.472786	200.5006	6.877691	230.9085	77.00194	197.9227	3.472786	NA	
CANTOP PC-84	280.7753	15788.85	2.479241	20.35388	6.585495	0.211235	6.855257	0.031183	1.904154	0.277766	197.945	3.711897	194.5882	12.13979	154.0496	154.3746	197.945	3.711897	NA	
CANTOP PC-94	547.9628	43056.42	3.199781	20.22181	3.06903	0.212759	3.270868	0.031204	1.131209	0.345844	198.0776	2.206597	195.8652	5.826543	169.2743	71.67868	198.0776	2.206597	NA	
CANTOP PC-16	842.4813	87921.94	2.965053	20.00004	2.597584	0.215245	7.332143	0.031222	6.856594	0.935142	198.1924	13.3825	197.9443	13.18724	195.0101	60.37792	198.1924	13.3825	NA	
CANTOP PC-15	176.6022	10108.45	1.319093	20.70888	9.542287	0.208477	10.02824	0.031312	3.083884	0.30752	198.7556	6.035867	192.2739	17.56781	113.4261	225.5839	198.7556	6.035867	NA	
CANTOP PC-20	197.8233	32282.01	4.45976	19.02276	11.50933	0.227139	11.88461	0.031337	2.962985	0.249313	198.9138	5.803783	207.8343	22.34	310.2054	262.7586	198.9138	5.803783	NA	
CANTOP PC-61	140.7795	14363.69	2.696793	19.29108	14.03561	0.22492	14.29178	0.031469	2.693824	0.188488	199.7359	5.298035	205.9964	26.6524	278.2683	322.717	199.7359	5.298035	NA	
CANTOP PC-100	87.59224	9307.404	2.162245	22.00897	18.25926	0.197366	18.90102	0.031504	4.88342	0.258368	199.9565	9.614835	182.8948	31.64467	-32.1931	445.9508	199.9565	9.614835	NA	
CANTOP PC-50	120.1408	13166.14	1.889371	21.46402	20.18735	0.202474	20.38879	0.03152	2.858999	0.140224	200.0515	5.631637	187.2177	34.87276	28.23811	488.2436	200.0515	5.631637	NA	
CANTOP PC-65	656.1339	42682.46	1.814617	20.00238	2.735743	0.217316	3.156614	0.031526	1.574776	0.498881	200.0933	3.10262	199.6734	5.721952	194.7383	63.59378	200.0933	3.10262	NA	
CANTOP PC-24	461.79	39916.09	1.8787	20.35116	3.979685	0.214566	4.459985	0.03167	2.013348	0.451425	200.9922	3.984238	197.3772	8.00041	154.3633	93.22571	200.9922	3.984238	NA	
CANTOP PC-37	186.3944	56435.82	2.132211	20.09712	10.5467	0.217734	11.10893	0.031737	3.489341	0.314102	201.4075	6.919145	200.0223	20.17129	183.6986	246.218	201.4075	6.919145	NA	
CANTOP PC-87	138.9059	30787.93	2.098423	21.16999	11.83456	0.207288	12.16096	0.031827	2.798604	0.23013	201.9722	5.564772	191.2747	21.20434	61.20046	282.8051	201.9722	5.564772	NA	
CANTOP PC-79	222.133	15277.06	1.662596	20.65617	14.90254	0.21248	15.09317	0.031832	2.391255	0.158433	202.0053	4.755565	195.6318	26.86305	119.458	352.9021	202.0053	4.755565	NA	
CANTOP PC-74	151.9149	10118.38	2.187399	19.33286	10.44164	0.227415	11.95395	0.031887	5.819705	0.486844	202.3479	11.59316	208.0627	22.49263	273.2681	239.8262	202.3479	11.59316	NA	
CANTOP PC-55	115.9374	8426.281	2.035463	19.36437	14.72086	0.227668	14.91221	0.031975	2.381238	0.159684	202.8944	4.756159	208.2719	28.08692	269.5346	339.1495	202.8944	4.756159	NA	
CANTOP PC-98	117.7261	10931.93	2.205856	21.76142	12.48307	0.20293	12.65699	0.032028	2.091016	0.165206	203.2292	4.183268	187.6022	21.68363	-4.83135	302.1514	203.2292	4.183268	NA	
CANTOP PC-106	414.0786	97031.73	2.480112	19.92249	5.853405	0.223034	6.181744	0.032227	1.987867	0.321571	204.4682	4.000773	204.4317	11.447	203.9885	135.9395	204.4682	4.000773	NA	
CANTOP PC-83	176.7122	18257.75	1.624546	20.63306	5.531695	0.215724	6.097263	0.032282	2.56456	0.420608	204.8151	5.170041	198.3449	10.98615	122.0709	130.3785	204.8151	5.170041	NA	
CANTOP PC-5	417.7891	23760.31	1.858015	19.64866	2.180599	0.226653	2.404984	0.032299	1.014364	0.421776	204.9232	2.045976	207.4323	4.51217	236.0443	50.32207	204.9232	2.045976	NA	
CANTOP PC-97	144.6157	11056.5	1.751113	22.36199	20.73985	0.199299	20.89175	0.032323	2.514713	0.120369	205.0719	5.075808	184.5328	35.26605	-70.9286	511.3726	205.0719	5.075808	NA	
CANTOP PC-103	373.5954	37711.41	3.331378	20.49442	3.236795	0.21845	3.923331	0.03247	2.217135	0.565116	205.9908	4.494897	200.6191	7.142277	137.9404	76.06168	205.9908	4.494897	NA	
CANTOP PC-78	119.23	10318.61	2.425401	21.37406	13.03126	0.210925	13.52519	0.032697	3.621728	0.267777	207.4089	7.392232	194.3289	23.92572	38.27842	312.9422	207.4089	7.392232	NA	
CANTOP PC-75	173.0323	19265.61	3.571223	22.80755	9.395884	0.20255	9.563189	0.033505	1.780995	0.186234	212.4475	3.722012	187.2815	16.35683	-119.359	232.1547	212.4475	3.722012	NA	
CANTOP PC-64	124.8626	21954.37	3.5766	22.84603	15.89665	0.202342	16.27684	0.033527	3.497423	0.214871	212.5857	7.313769	187.1064	27.82067	-123.519	394.4583	212.5857	7.313769	NA	
CANTOP PC-45	396.3521	64169.29	2.033649	19.79375	3.14009	0.239406	3.346758	0.034369	1.157853	0.345962	217.8317	2.480032	217.9336	6.564189	219.0362	72.67415	217.8317	2.480032	NA	
CANTOP PC-81	187.1278	20288.81	2.745398	19.61214	9.396331	0.24282	10.21806	0.034539	4.014696	0.392902	218.8932	8.640378	220.7271	20.27368	240.3187	217.0373	218.8932	8.640378	NA	
CANTOP PC-68	107.6206	8526.381	4.318317	22.9907	19.69258	0.207922	20.15357	0.03467	4.285859	0.21266	219.7084	9.257743	191.807	35.23847	-139.123	491.5157	219.7084	9.257743	NA	
CANTOP PC-36	25.36081	2282.6	2.265408	14.59117	145.2389	0.329489	145.4408	0.034868	7.660749	0.052673	220.9448	16.63929	289.1754	383.2057	884.7506	691.1922	220.9448	16.63929	NA	
CANTOP PC-27	137.6093	14052.36	1.568613	20.61205	9.483573	0.242558	9.604769	0.036261	1.520995	0.158358	229.6126	3.430931	220.5127	19.03997	124.4502	223.735	229.6126	3.430931	NA	
CANTOP PC-54	408.2333	56124.35	1.19323	19.57717	3.237278	0.256439	3.855413	0.036411	2.093859	0.543096	230.548	4.742049	231.793	7.9901	244.4152	74.61206	230.548	4.742049	NA	
CANTOP PC-21	46.97696	3792.135	1.570334	19.40925	26.43675	0.363101	27.128	0.051113	6.084963	0.224306	321.3539	19.07493	314.5275	73.50298	264.2678	616.358	321.3539	19.07493	NA	
CANTOP PC-10	125.4739	17636.92	1.707536	18.86432	11.03662	0.374055	11.37291	0.051177	2.745195	0.24138	321.7443	8.61572	322.6546	31.44647	329.2302	251.064	321.7443	8.61572	NA	
CANTOP PC-31	106.7297	37770.47	1.307021	18.36547	5.409357	0.389238	5.903913	0.051846	2.365384	0.400647	325.8456	7.515951	333.8127	16.79763	389.687	121.4995	325.8456	7.515951	NA	
CANTOP PC-104	100.0272	14544.29	1.997655	19.4628	13.32466	0.384193	13.52269	0.054232	2.305779	0.170512	340.4498	7.646336	330.1185	38.12849	257.8955	307.3795	340.4498	7.646336	NA	
CANTOP PC-18	238.7483	59321.05	2.540165	18.63701	2.595883	0.409262	3.463564	0.055319	2.29296	0.662023	347.0961	7.74831	348.3432	10.21356	356.6465	58.61776	347.0961	7.74831	NA	
CANTOP PC-96	162.5938	28497.17	3.15499	19.20504	5.790581	0.397354	6.094893	0.055347	1.901813	0.312034	347.2642	6.429585	339.7276	17.59993	288.4621	132.4204	347.2642	6.429585	NA	
CANTOP PC-88	253.3971	20179.46	1.700254	18.77979	3.864599	0.40847	4.267898	0.055635	1.811028	0.424337	349.0262	6.152895	347.7728	12.56836	339.4309	87.52703	349.0262	6.152895	NA	
CANTOP PC-91	219.7289	34883.86	2.132671	18.47319	3.867979	0.417402	4.266719	0.055924	1.801008	0.422106	350.7866	6.148882	354.1913	12.75874	376.5442	87.0554	350.7866	6.148882	NA	
CANTOP PC-25	210.3669	35270.46	6.386341	19.0343	5.422221	0.409429	5.592371	0.056522	1.36899	0.244796	354.4366	4.721221	348.4639	16.49679	308.863	123.5459	354.4366	4.721221	NA	
CANTOP PC-46	427.0671	59148.37	1.707699	18.90162	2.868108	0.417324	3.077575	0.05721	1.115987	0.362619	358.6351	3.893027	354.1358	9.201418	324.7244	65.11287	358.6351	3.893027	NA	
CANTOP PC-71	263.5846	45195.62	1.947426	18.62867	3.09288	0.426416	3.182161	0.057612	0.74849	0.235214	361.0874	2.628404	360.6286	9.659452	357.6568	69.81052	361.0874	2.628404	NA	
CANTOP PC-32	410.3272	51485.89	1.546836	18.39817	1.939786	0.432293	2.185802	0.057683	1.007452	0.460907	361.522	3.541916	364.8032	6.698741	385.6911	43.56573	361.522	3.541916	NA	
CANTOP PC-86	81.72952	42691.75	1.768461	18.01894	9.374027	0.532175	9.938109	0.069548	3.30055	0.33211	433.4296	13.83526	433.252	35.06326	432.2872	209.282	433.4296	13.83526	100.2643	
CANTOP PC-13	251.2227	66402.42	1.597934	17.62815	2.648834	0.546662	2.911131	0.069891	1.207628	0.414831	435.5019	5.085529	442.8076	10.44794	480.9316	58.55189	435.5019	5.085529	90.55382	
CANTOP PC-105	240.7631	51424.72	1.945254	18.40997	5.37773	0.528106	5.511993	0.070514	1.209167	0.21937	439.2495	5.134353	430.5522	19.34456	384.2522	120.8961	439.2495	5.134353	114.3128	
CANTOP PC-72	167.7634	47089.86	1.826473	17.63391	5.527898	0.55481	5.939613	0.070956	2.172867	0.365826	441.9152	9.280503	448.1428	21.52386	480.2105	122.2274	441.9152	9.280503	92.02531	
CANTOP PC-80	97.46644	52162.83	2.844093	17.34997	5.210635	0.576168	5.853691	0.072501	2.667391	0.455677	451.2084	11.62396	461.9958	21.73064	515.9691	114.5207	451.2084	11.62396	87.44872	
CANTOP PC-23	121.9584	37319.67	2.128683	17.60723	3.809108	0.701821	4.229341	0.089622	1.837939	0.434569	553.3029	9.745176	539.878	17.71166	483.5973	84.16582	553.3029	9.745176	114.414	
CANTOP PC-35	83.41019	44523.47	3.059992	13.6844	3.114104	1.688168	3.414689	0.167548	1.400877	0.41025	998.5888	12.95937	1004.072	21.77744	1016.04	63.08789	1016.04	63.08789	98.28245	
CANTOP PC-19	180.7753	97801.95	2.154929	13.50824	1.159815	1.764757	2.962963	0.172895	2.726532	0.920205	1028.042	25.90922	1032.597	19.20595	1042.236	23.42331	1042.236	23.42331	98.63809	
CANTOP PC-49	36.79392	35158.21	1.134404	13.43953	7.51482	1.850511	7.818687	0.180374	2.158554	0.276076	1069.019	21.26363	1063.612	51.58294	1052.557	151.6281	1052.557	151.6281	101.564	
CANTOP PC-76	247.3644	173272.8	0.837414	13.32298	0.843111	1.869104	2.051177	0.180607	1.869891	0.911618	1070.288	18.44014	1070.214	13.56895	1070.081	16.93358	1070.081	16.93358	100.0193	
CANTOP PC-14	53.72219	42435.12	2.640419	12.99365	1.783151	1.95693	3.214731	0.184419	2.674859	0.832063	1091.07	26.8486	1100.829	21.606	1120.189	35.54893	1120.189	35.54893	97.40055	
CANTOP PC-93	116.6675	140097.2	2.53874	12.82879	1.247029	2.074082	2.25038	0.192979	1.873267	0.832422	1137.493	19.53425	1140.282	15.41806	1145.609	24.76112	1145.609	24.76112	99.29164	
CANTOP PC-101	112.6212	173433.1	2.216889	11.13104	1.138147	3.120977	1.694559	0.251956	1.255448	0.74087	1448.556	16.28747	1437.874	13.03169	1422.088	21.74719	1422.088	21.74719	101.8612	
CANTOP PC-57	132.3621	97037.65	1.229018	9.512959	0.674861	4.499791	1.508118	0.310461	1.348696	0.894291	1742.974	20.5976	1730.934	12.52949	1716.393	12.40756	1716.393	12.40756	101.5486	
CANTOP PC-66	141.9964	174973.1	1.633116	9.179728	0.997543	4.788764	1.718279	0.318825	1.399067	0.814226	1783.987	21.80336	1782.93	14.43412	1781.676	18.18998	1781.676	18.18998	100.1297	
CANTOP PC-26	113.6043	67375.05	1.105259	9.093185	0.547843	4.824481	1.759518	0.318174	1.672056	0.950292	1780.808	26.0174	1789.176	14.79952	1798.931	9.969407	1798.931	9.969407	98.99255	
CANTOP PC-58	215.217	186018.1	0.730937	8.986773	0.436654	5.135336	1.084286	0.334712	0.992476	0.915327	1861.18	16.04439	1841.971	9.215441	1820.32	7.923382	1820.32	7.923382	102.2447	
CANTOP PC-85	68.77906	85061.66	1.201933	8.981691	1.05488	5.045593	1.557463	0.328677	1.145827	0.735701	1831.965	18.27208	1827.009	13.19913	1821.347	19.14216	1821.347	19.14216	100.583	
CANTOP PC-33	91.81061	163476.5	0.745379	8.972836	0.938583	5.132036	1.142734	0.333978	0.651846	0.570427	1857.635	10.52041	1841.424	9.711206	1823.137	17.02778	1823.137	17.02778	101.8922	
CANTOP PC-4	49.03562	40426.79	1.229262	8.925731	1.326517	5.021447	1.690506	0.325066	1.047933	0.619893	1814.422	16.57245	1822.945	14.3154	1832.681	24.03712	1832.681	24.03712	99.00368	
CANTOP PC-69	69.47237	53901.59	0.777314	8.887126	0.734123	5.21554	1.818284	0.33617	1.663496	0.914871	1868.219	26.97988	1855.158	15.49336	1840.533	13.29161	1840.533	13.29161	101.5043	
CANTOP PC-38	60.89653	60121.29	0.814378	8.879637	1.437237	5.096912	2.157842	0.328247	1.609544	0.745905	1829.88	25.64162	1835.592	18.31867	1842.059	26.01434	1842.059	26.01434	99.33888	
CANTOP PC-56	105.0078	84425.02	1.179701	8.823374	1.028485	5.329797	1.939823	0.34107	1.644728	0.847875	1891.817	26.96543	1873.654	16.58638	1853.557	18.5902	1853.557	18.5902	102.0641	
CANTOP PC-51	121.9909	114985	0.614077	8.670045	0.580468	5.422181	2.260132	0.340953	2.18432	0.966457	1891.251	35.80301	1888.366	19.37795	1885.182	10.45117	1885.182	10.45117	100.3219	
CANTOP PC-41	87.80315	85727.33	1.04897	8.570052	0.492119	5.530075	1.020293	0.343727	0.893765	0.875989	1904.573	14.73821	1905.283	8.773611	1906.041	8.840071	1906.041	8.840071	99.92295	
CANTOP PC-8	56.67605	73973.22	1.056793	8.525823	1.27719	5.538495	1.621082	0.342473	0.998346	0.615851	1898.557	16.41804	1906.592	13.94364	1915.331	22.91603	1915.331	22.91603	99.12425	
CANTOP PC-77	120.5435	97263.11	0.724698	8.432953	0.795846	5.703773	1.756288	0.348852	1.565624	0.891439	1929.112	26.10264	1931.939	15.17403	1934.956	14.24521	1934.956	14.24521	99.69796	
CANTOP PC-89	74.63402	89242.81	1.210994	8.109119	0.781053	6.0782	1.570045	0.357476	1.361983	0.86748	1970.201	23.12102	1987.125	13.69054	2004.76	13.86663	2004.76	13.86663	98.27612	
CANTOP PC-9	186.4888	195750.4	1.577504	7.745128	0.342573	6.742908	1.026786	0.378769	0.967953	0.942702	2070.531	17.1418	2078.263	9.079553	2085.918	6.026634	2085.918	6.026634	99.26236	
CANTOP PC-17	100.0017	94132.82	1.257429	7.67124	0.45302	6.926312	1.162846	0.38536	1.070973	0.920993	2101.272	19.20445	2102.034	10.31806	2102.765	7.954421	2102.765	7.954421	99.929	
CANTOP PC-3	166.0503	385973.8	1.024366	6.870837	1.096095	8.192046	3.069375	0.408226	2.866992	0.934064	2206.806	53.57757	2252.463	27.78232	2294.19	18.84579	2294.19	18.84579	96.19108	
CANTOP PC-73	61.68203	82512.94	1.764477	6.744997	0.600195	9.046696	2.087308	0.442558	1.999155	0.957767	2362.083	39.53733	2342.736	19.08686	2325.917	10.2861	2325.917	10.2861	101.5549	
CANTOP PC-29	104.3199	521048.8	0.986933	6.630772	0.377166	9.202545	1.391193	0.442559	1.339091	0.962548	2362.084	26.48305	2358.366	12.74206	2355.138	6.44416	2355.138	6.44416	100.2949	
CANTOP PC-30	12.24637	20145.07	0.830864	6.460189	2.757941	9.700872	5.261954	0.454522	4.481285	0.851639	2415.324	90.27836	2406.788	48.47282	2399.56	46.90906	2399.56	46.90906	100.657	
CANTOP PC-70	140.2913	174207.4	1.661041	6.028349	0.234722	11.16699	1.081636	0.48824	1.055861	0.97617	2563.056	22.32991	2537.164	10.08041	2516.51	3.945202	2516.51	3.945202	101.8496	
CANTOP PC-92	191.6184	244592.1	1.969243	5.733615	0.105054	12.13726	0.878659	0.504717	0.872356	0.992827	2634.036	18.86281	2615.071	8.242819	2600.403	1.751328	2600.403	1.751328	101.2934	
CANTOP PC-44	240.6415	375472	0.990103	5.666466	0.209732	11.98481	0.979306	0.492541	0.956584	0.976798	2581.659	20.34973	2603.219	9.178161	2620.023	3.489701	2620.023	3.489701	98.53571	
CANTOP PC-67	93.64771	104178.4	1.081876	5.494224	0.236163	12.79655	1.336877	0.509915	1.315853	0.984273	2656.288	28.64664	2664.79	12.59117	2671.253	3.910343	2671.253	3.910343	99.43902	
CANTOP PC-99	59.5866	70200.08	1.475851	5.428587	0.892566	13.19926	2.175396	0.519679	1.983853	0.91195	2697.818	43.73384	2694.004	20.53579	2691.128	14.74853	2691.128	14.74853	100.2486	
CANTOP PC-1	263.0598	537681.3	1.501054	5.36215	0.151359	13.22896	0.97654	0.514474	0.964739	0.987915	2675.701	21.12668	2696.126	9.219015	2711.46	2.496761	2711.46	2.496761	98.68122	
CANTOP PC-7	53.29511	88934.17	1.243867	5.297086	0.519342	13.58861	2.384168	0.522048	2.326917	0.975987	2707.861	51.45062	2721.471	22.55274	2731.579	8.547456	2731.579	8.547456	99.13174	
CANTOP PC-59	31.85554	50822.42	1.334343	5.280414	0.814964	14.1552	1.254408	0.542104	0.953611	0.760208	2792.25	21.61025	2760.16	11.89715	2736.761	13.40869	2736.761	13.40869	102.0275	
CANTOP PC-43	20.70289	26685.99	2.403661	5.252162	1.282555	14.55604	2.891921	0.554473	2.59196	0.896276	2843.748	59.60133	2786.667	27.48315	2745.586	21.08736	2745.586	21.08736	103.5753	
CANTOP PC-48	50.11441	95036.87	0.398782	5.225875	0.357768	13.92189	1.179784	0.527662	1.124229	0.952911	2731.594	25.03249	2744.407	11.17697	2753.834	5.878578	2753.834	5.878578	99.19243	

Member: Polychrome
Sample: CANT-PC1-COMP

				Isotope ratios						Apparent ages (Ma)								
Analysis	U (ppm)	206Pb 204Pb	U/Th	206Pb* 207Pb*	± (%)	207Pb* 235U*	± (%)	206Pb* 238U	± (%)	error corr.	206Pb* 238U*	± (Ma)	207Pb* 235U	± (Ma)	206Pb* 207Pb*	± (Ma)	Best age (Ma)	± (Ma)	Conc (%)
CANT-PC1-COMP-1	529.7265	28500.21	1.092482	19.08804	2.072114	0.415773	6.379914	0.057559	6.03404	0.945787	360.7655	21.17089	353.0237	19.02646	302.4357	47.24863	360.7655	21.17089	NA	

CANT-PC1-COMP-2	167.2778	7121.158	0.583967	17.66157	10.453	0.585433	11.70643	0.07499	5.270233	0.4502	466.1512	23.70014	467.9472	43.91921	476.7729	231.6593	466.1512	23.70014	NA	
CANT-PC1-COMP-3	254.0041	20069.88	1.419166	19.82559	5.463748	0.373401	6.647331	0.053691	3.786088	0.569565	337.1417	12.43646	322.1711	18.35282	215.3093	126.6041	337.1417	12.43646	NA	
CANT-PC1-COMP-4	699.5387	24529.57	1.450391	19.95254	3.48383	0.223993	9.648217	0.032414	8.997279	0.932533	205.6387	18.20994	205.2279	17.92991	200.5348	80.93251	205.6387	18.20994	NA	
CANT-PC1-COMP-5	123.8551	11843.8	0.68637	19.80593	15.90654	0.336815	17.43075	0.048382	7.12833	0.408951	304.5818	21.20673	294.7557	44.62167	217.5928	370.2144	304.5818	21.20673	NA	
CANT-PC1-COMP-6	560.9758	76725.68	0.50812	8.511399	0.193115	5.861779	8.710678	0.36185	8.708537	0.999754	1990.939	149.1903	1955.594	75.6969	1918.368	3.463861	1918.368	3.463861	103.7829	
CANT-PC1-COMP-7	772.3852	240682.5	1.493571	12.71014	0.670908	2.082713	6.124975	0.19199	6.08812	0.993983	1132.146	63.21514	1143.128	42.04154	1164.012	13.30597	1164.012	13.30597	97.26239	
CANT-PC1-COMP-8	672.7604	74852.55	0.967578	18.58277	2.894425	0.407046	7.195864	0.05486	6.588077	0.915537	344.2884	22.08701	346.7459	21.1403	363.2217	65.28563	344.2884	22.08701	NA	
CANT-PC1-COMP-9	728.955	53187.71	1.058596	20.53395	4.572948	0.19193	6.851033	0.028583	5.10145	0.744625	181.6759	9.138732	178.2744	11.20199	133.3998	107.529	181.6759	9.138732	NA	
CANT-PC1-COMP-11	374.6693	150519.9	2.26228	9.260491	0.383695	4.564014	5.116528	0.306535	5.102121	0.997184	1723.632	77.16999	1742.722	42.6402	1765.69	7.010973	1765.69	7.010973	97.61806	
CANT-PC1-COMP-12	169.3157	6241.255	0.9003	19.99212	26.30228	0.217603	27.46605	0.031552	7.910362	0.288005	200.252	15.59718	199.9125	49.88084	195.9316	620.6995	200.252	15.59718	NA	
CANT-PC1-COMP-13	717.0675	112207.5	3.315102	12.83052	4.611634	0.688271	5.108801	0.064048	2.198336	0.430304	400.194	8.530099	531.7613	21.15092	1145.342	91.6862	400.194	8.530099	34.94101	
CANT-PC1-COMP-16	237.6107	6682.863	1.389903	19.5406	11.20828	0.215158	11.30047	0.030493	1.440543	0.127476	193.6301	2.74785	197.8715	20.31929	248.7379	258.671	193.6301	2.74785	NA	
CANT-PC1-COMP-17	583.5415	29730.06	1.480713	19.83823	4.464696	0.21845	11.36052	0.031431	10.44643	0.919538	199.4961	20.52113	200.6189	20.68391	213.86	103.4541	199.4961	20.52113	NA	
CANT-PC1-COMP-18	58.79126	42277.46	0.414849	8.313597	1.896137	5.817361	4.399919	0.350763	3.970384	0.902377	1938.241	66.46617	1949	38.14068	1960.436	33.84152	1960.436	33.84152	98.86782	
CANT-PC1-COMP-19	767.252	29623.89	0.96791	19.98463	2.737654	0.226514	7.545979	0.032831	7.03186	0.931868	208.2449	14.40952	207.3168	14.15129	196.7787	63.64006	208.2449	14.40952	NA	
CANT-PC1-COMP-20	298.1338	15111.58	2.394268	19.63125	6.061365	0.304573	6.778568	0.043365	3.034606	0.447677	273.6564	8.130602	269.9658	16.07042	238.1003	139.8939	273.6564	8.130602	NA	
CANT-PC1-COMP-21	592.0605	21438.5	1.691315	21.19398	3.676482	0.165784	4.201271	0.025483	2.033263	0.483964	162.2167	3.25714	155.7532	6.06652	58.53323	87.67012	162.2167	3.25714	NA	
CANT-PC1-COMP-22	671.2421	116353.1	0.999774	13.5547	2.373933	1.522884	7.407088	0.149712	7.016366	0.94725	899.3464	58.89915	939.6381	45.42936	1035.304	47.95214	1035.304	47.95214	86.86786	
CANT-PC1-COMP-23	127.2616	56820.56	2.266063	10.73537	1.507181	3.444608	9.993145	0.268198	9.878834	0.988561	1531.649	134.6963	1514.638	78.79688	1490.922	28.53197	1490.922	28.53197	102.7317	
CANT-PC1-COMP-24	113.3056	134889.3	3.001559	5.596914	0.624344	11.59709	5.552752	0.470756	5.51754	0.993659	2486.877	113.8582	2572.438	51.95122	2640.552	10.36491	2640.552	10.36491	94.18019	
CANT-PC1-COMP-25	290.5602	17215.89	0.630404	17.73352	4.767839	0.521025	12.89102	0.067012	11.9769	0.929089	418.1283	48.49018	425.8357	44.86647	467.7776	105.6431	418.1283	48.49018	NA	
CANT-PC1-COMP-26	540.9176	11882.37	2.23148	20.24459	16.09889	0.075038	16.51338	0.011018	3.676583	0.222643	70.63577	2.582807	73.46893	11.7042	166.6444	378.2391	70.63577	2.582807	NA	
CANT-PC1-COMP-28	1035.665	63647.84	1.016066	19.17608	1.329898	0.305728	6.301887	0.04252	6.159964	0.977479	268.4344	16.19595	270.8642	14.98354	291.9223	30.38468	268.4344	16.19595	NA	
CANT-PC1-COMP-29	112.9046	33569.93	1.210597	9.610762	1.829157	4.424668	4.88295	0.308416	4.527404	0.927186	1732.908	68.79791	1716.969	40.4622	1697.569	33.71027	1697.569	33.71027	102.0817	
CANT-PC1-COMP-30	169.3378	4517.119	1.560555	21.92388	29.0693	0.120759	29.62679	0.019202	5.720318	0.193079	122.6078	6.947285	115.7601	32.42426	-22.8075	716.7618	122.6078	6.947285	NA	
CANT-PC1-COMP-31	485.4172	31954.5	1.743106	19.83859	6.131088	0.208119	8.73253	0.029945	6.218267	0.712081	190.2029	11.65456	191.9731	15.27584	213.8184	142.1229	190.2029	11.65456	NA	
CANT-PC1-COMP-33	71.47836	23793.44	1.124889	9.973164	2.63674	4.052885	3.799152	0.293154	2.735171	0.719942	1657.272	39.97182	1644.879	30.95109	1629.062	49.02383	1629.062	49.02383	101.7316	
CANT-PC1-COMP-35	341.6497	33196.28	1.264234	16.42104	2.170455	0.774531	5.296899	0.092244	4.831797	0.912194	568.795	26.30558	582.3589	23.47925	635.6359	46.71895	568.795	26.30558	89.48441	
CANT-PC1-COMP-36	337.0134	17428.24	2.184476	20.38829	14.13158	0.205497	14.53646	0.030387	3.406918	0.234371	192.9685	6.476858	189.7667	25.16613	150.1249	332.6062	192.9685	6.476858	NA	
CANT-PC1-COMP-37	1439.343	415390.7	9.097986	13.46204	0.308252	1.653077	2.008772	0.1614	1.98498	0.988156	964.5503	17.78265	990.7296	12.70944	1049.185	6.233089	1049.185	6.233089	91.93329	
CANT-PC1-COMP-38	244.072	61557.8	2.981596	12.92669	1.536112	1.83626	2.673834	0.172155	2.18855	0.818506	1023.975	20.72103	1058.523	17.57907	1130.47	30.5753	1130.47	30.5753	90.57955	
CANT-PC1-COMP-39	174.3407	16694.4	3.472872	18.31648	10.45835	0.512331	10.71931	0.06806	2.350873	0.219312	424.4565	9.657022	420.0153	36.88854	395.6804	235.0956	424.4565	9.657022	NA	
CANT-PC1-COMP-41	253.2872	103222	3.012203	12.69922	1.153869	2.07656	2.502531	0.191258	2.220641	0.887358	1128.188	22.98332	1141.1	17.15259	1165.715	22.86126	1165.715	22.86126	96.78074	
CANT-PC1-COMP-42	506.864	30173.34	4.71856	18.24175	1.80106	0.498451	2.957667	0.065946	2.346056	0.793212	411.6848	9.356419	410.6535	9.99018	404.8395	40.32344	411.6848	9.356419	NA	
CANT-PC1-COMP-43	395.587	37660.48	4.748355	17.44847	3.229888	0.612563	3.501943	0.077519	1.353302	0.386443	481.2955	6.276176	485.1752	13.50823	503.5503	71.10825	481.2955	6.276176	NA	
CANT-PC1-COMP-44	227.2809	84034.08	6.124335	12.64183	2.126932	2.181723	6.998342	0.200036	6.667304	0.952698	1175.514	71.64741	1175.228	48.76363	1174.719	42.0882	1174.719	42.0882	100.0677	
CANT-PC1-COMP-45	328.7763	7896.005	2.098994	23.32675	14.13005	0.105908	14.46972	0.017918	3.116812	0.215402	114.4827	3.536714	102.2157	14.07115	-175.178	353.7734	114.4827	3.536714	NA	
CANT-PC1-COMP-47	197.8633	84079.59	1.875645	9.700011	1.758424	4.248741	2.384416	0.298904	1.610399	0.675385	1685.87	23.88956	1683.493	19.60067	1680.516	32.47479	1680.516	32.47479	100.3186	
CANT-PC1-COMP-48	271.43	24023.43	1.441798	16.45702	14.03729	0.207663	14.42793	0.024786	3.334613	0.231122	157.8341	5.199248	191.59	25.19633	630.9224	303.7167	157.8341	5.199248	NA	
CANT-PC1-COMP-49	659.9902	97499.08	7.105625	14.51569	2.348572	1.257467	2.650095	0.132383	1.227686	0.463261	801.4466	9.252204	826.7687	14.98988	895.485	48.47152	801.4466	9.252204	89.4986	
CANT-PC1-COMP-50	117.2322	11981.34	0.838913	20.47756	21.73725	0.333312	22.40207	0.049503	5.417081	0.241812	311.4666	16.47132	292.091	56.9235	139.8518	515.6682	311.4666	16.47132	NA	
CANT-PC1-COMP-51	468.5135	217991.2	3.478002	9.16654	0.58035	4.61658	2.599885	0.30692	2.534284	0.974768	1725.53	38.36668	1752.27	21.70194	1784.297	10.57822	1784.297	10.57822	96.70645	
CANT-PC1-COMP-52	285.2219	14937.85	2.372823	20.68056	11.07961	0.207638	12.31726	0.031144	5.381178	0.436881	197.7014	10.47719	191.5688	21.50697	116.6403	261.9405	197.7014	10.47719	NA	
CANT-PC1-COMP-54	219.8921	108435.2	2.670253	12.15466	2.195336	2.371601	3.413787	0.209066	2.614277	0.7658	1223.839	29.1411	1234.084	24.38683	1252.042	42.95132	1252.042	42.95132	97.74747	
CANT-PC1-COMP-55	210.3699	80075.72	3.986631	10.42245	3.320151	3.479297	5.123212	0.263003	3.901782	0.761589	1505.185	52.37771	1522.533	40.4281	1546.712	62.4033	1546.712	62.4033	97.31516	
CANT-PC1-COMP-56	278.8154	16520.16	3.114151	21.22644	17.44691	0.193137	17.58631	0.029733	2.209875	0.125659	188.878	4.113414	179.3023	28.91324	54.85085	418.909	188.878	4.113414	NA	
CANT-PC1-COMP-57	121.7762	54594.04	2.367494	13.01327	2.04439	2.073601	6.4642	0.195709	6.132402	0.948671	1152.227	64.70657	1140.123	44.30962	1117.18	40.77847	1117.18	40.77847	103.1371	
CANT-PC1-COMP-58	223.7849	70204.81	3.099077	12.44457	1.785117	2.155673	2.602997	0.194563	1.894453	0.727797	1146.049	19.89095	1166.88	18.05678	1205.729	35.14568	1205.729	35.14568	95.05032	
CANT-PC1-COMP-59	65.90217	13971.74	5.114182	13.76638	5.628122	1.6685	6.15136	0.166588	2.482634	0.403591	993.2864	22.85387	996.6151	39.07278	1003.927	114.3259	1003.927	114.3259	98.94012	
CANT-PC1-COMP-60	430.3796	23580.47	2.59561	20.75672	9.13629	0.200323	9.539609	0.030157	2.744514	0.287697	191.5306	5.179264	185.3993	16.167	107.9558	216.1658	191.5306	5.179264	NA	
CANT-PC1-COMP-61	258.8735	48645.22	3.539551	13.68103	1.559494	1.65013	1.733402	0.163733	0.756743	0.436565	977.488	6.863555	989.6013	10.95966	1016.537	31.6068	1016.537	31.6068	96.15861	
CANT-PC1-COMP-62	106.2718	4115.994	4.435701	23.11803	33.05912	0.174855	34.21107	0.029317	8.802913	0.257312	186.2752	16.16303	163.6233	51.74462	-152.816	840.3127	186.2752	16.16303	NA	
CANT-PC1-COMP-64	192.8743	55372.09	2.864533	10.6724	1.020152	3.286866	3.197278	0.254415	3.030162	0.947732	1461.205	39.61787	1477.947	24.89657	1502.051	19.28244	1502.051	19.28244	97.28067	
CANT-PC1-COMP-65	289.2794	14960.2	1.65904	22.42233	8.961709	0.167552	9.21386	0.027248	2.140793	0.232345	173.2988	3.660545	157.2919	13.4267	-77.5166	219.589	173.2988	3.660545	NA	
CANT-PC1-COMP-66	72.92181	19346.96	1.862836	13.68233	4.520506	1.570419	5.481501	0.155838	3.100303	0.565594	933.6074	26.94647	958.5914	34.01758	1016.346	91.62039	1016.346	91.62039	91.85922	
CANT-PC1-COMP-67	141.3724	34823.57	2.090594	11.62443	1.669528	2.604583	3.357912	0.219588	2.91346	0.86764	1279.697	33.81633	1301.93	24.64152	1338.743	32.27173	1338.743	32.27173	95.58949	
CANT-PC1-COMP-68	282.5607	8609.136	2.566361	19.16919	11.71716	0.22214	12.24617	0.030884	3.560451	0.29074	196.0765	6.876106	203.6891	22.60515	292.7404	268.3884	196.0765	6.876106	NA	
CANT-PC1-COMP-69	274.365	12773.23	2.075955	20.85365	11.54843	0.208156	11.97297	0.031482	3.159997	0.263928	199.8199	6.217446	192.0037	20.94877	96.93988	274.0877	199.8199	6.217446	NA	
CANT-PC1-COMP-70	219.1121	244517.8	5.269009	5.435912	0.407659	12.94928	3.108676	0.510525	3.081831	0.991364	2658.868	67.14777	2675.968	29.31027	2688.899	6.735548	2688.899	6.735548	98.88318	
CANT-PC1-COMP-71	117.0101	3666.366	1.163526	12.53811	9.864849	1.681974	11.26966	0.15295	5.448862	0.483498	917.48	46.59842	1001.729	71.88368	1191	195.1871	1191	195.1871	77.03445	
CANT-PC1-COMP-72	610.6839	27104.88	2.719977	20.18852	6.243765	0.18167	7.46111	0.0266	4.084551	0.547445	169.2356	6.822568	169.4966	11.64768	173.1198	145.8321	169.2356	6.822568	NA	
CANT-PC1-COMP-73	477.0407	33589.72	1.157019	18.75148	3.668374	0.362935	3.956498	0.049359	1.482195	0.374623	310.583	4.494313	314.4039	10.6982	342.825	83.02913	310.583	4.494313	NA	
CANT-PC1-COMP-74	155.8682	8206.181	3.229294	21.22765	22.7964	0.196283	23.90421	0.030219	7.192747	0.300899	191.9206	13.60092	181.9765	39.84526	54.74687	549.9702	191.9206	13.60092	NA	
CANT-PC1-COMP-75	496.1924	20444.4	2.763899	20.20478	9.142186	0.187912	10.18219	0.027536	4.483015	0.44028	175.1114	7.744611	174.8464	16.3561	171.2405	213.7859	175.1114	7.744611	NA	
CANT-PC1-COMP76	292.1021	17096.25	1.615909	18.08302	10.59395	0.218376	13.96558	0.02864	9.099759	0.651585	182.0318	16.33281	200.5575	25.42164	424.3712	236.9292	182.0318	16.33281	NA	
CANT-PC1-COMP-77	258.2219	208240.8	1.642474	5.390059	0.360805	10.93942	6.297974	0.427648	6.28763	0.998358	2295.107	121.4289	2517.994	58.65764	2702.893	5.956573	2702.893	5.956573	84.913	
CANT-PC1-COMP-78	734.388	23691.95	2.949254	19.66147	4.663061	0.216096	5.13163	0.030815	2.142307	0.417471	195.6469	4.128394	198.6555	9.259263	234.5524	107.6472	195.6469	4.128394	NA	
CANT-PC1-COMP-80	517.2541	48482.02	1.664403	18.53091	5.664789	0.420824	6.001192	0.056558	1.981029	0.330106	354.6603	6.836152	356.64	18.04984	369.5205	127.6909	354.6603	6.836152	NA	
CANT-PC1-COMP-81	119.4474	42343.04	1.690148	8.213091	1.224382	6.053402	1.960562	0.360583	1.531239	0.78102	1984.935	26.16034	1983.561	17.08647	1982.113	21.79426	1982.113	21.79426	100.1424	
CANT-PC1-COMP-83	206.0196	11849.37	0.85839	10.81719	0.959381	3.261462	1.785434	0.255874	1.505777	0.843367	1468.695	19.77697	1471.912	13.87569	1476.536	18.19713	1476.536	18.19713	99.46899	
CANT-PC1-COMP-84	1267.219	26956.76	3.494445	20.28093	3.354873	0.209311	3.840124	0.030788	1.868523	0.486579	195.4772	3.597714	192.9745	6.748945	162.4745	78.47688	195.4772	3.597714	NA	
CANT-PC1-COMP-85	93.78244	17687.34	2.802074	13.59273	4.550275	1.809394	5.573307	0.178377	3.218191	0.577429	1058.101	31.40421	1048.859	36.4628	1029.642	92.04761	1029.642	92.04761	102.764	
CANT-PC1-COMP-87	27.81961	14285.26	2.011208	4.876032	1.966626	14.63163	4.912264	0.517438	4.501413	0.916362	2688.304	98.95741	2791.589	46.72038	2867.086	31.98485	2867.086	31.98485	93.76433	
CANT-PC1-COMP-88	229.5089	59058.65	2.041268	14.15148	2.501792	1.518196	2.810635	0.155822	1.280901	0.455734	933.5159	11.13196	937.7496	17.20736	947.6904	51.21618	947.6904	51.21618	98.50431	
CANT-PC1-COMP-89	85.14415	51929.76	0.871855	11.56351	3.957372	2.905561	4.771745	0.243679	2.666225	0.558753	1405.796	33.67667	1383.359	36.06087	1348.892	76.40264	1348.892	76.40264	104.2186	
CANT-PC1-COMP-90	385.4645	104361.7	3.375854	13.55606	0.709857	1.767244	2.691624	0.173752	2.596333	0.964597	1032.748	24.77611	1033.509	17.45565	1035.101	14.35869	1035.101	14.35869	99.77269	
CANT-PC1-COMP-91	309.8108	10931.3	4.006524	18.89159	9.282997	0.23904	10.17115	0.032752	4.15672	0.408677	207.7488	8.497873	217.6337	19.92694	325.9433	211.1178	207.7488	8.497873	NA	
CANT-PC1-COMP-92	447.6203	40677.24	1.507888	17.83581	1.222891	0.543544	1.799502	0.070312	1.320131	0.733609	438.0322	5.590513	440.7586	6.434338	455.0367	27.16098	438.0322	5.590513	NA	
CANT-PC1-COMP-93	84.18419	53962.01	1.219784	9.124597	1.993188	4.996524	3.109695	0.330659	2.386924	0.767575	1841.575	38.23626	1818.734	26.31561	1792.653	36.29894	1792.653	36.29894	102.729	
CANT-PC1-COMP-94	449.704	29080.12	1.66849	21.89885	10.88854	0.185099	11.3309	0.029398	3.135101	0.276686	186.7818	5.77178	172.4385	17.97167	-20.0407	264.121	186.7818	5.77178	NA	
CANT-PC1-COMP-96	391.5909	52286.19	2.774233	12.03919	0.85662	2.410195	2.184506	0.21045	2.009545	0.919908	1231.213	22.52263	1245.641	15.678	1270.656	16.71628	1270.656	16.71628	96.89584	
CANT-PC1-COMP-97	526.1959	134348.7	3.481059	16.6426	1.118634	0.757861	2.935263	0.091476	2.713748	0.924533	564.2634	14.66168	572.7753	12.85006	606.6793	24.20546	564.2634	14.66168	93.00851	
CANT-PC1-COMP-98	359.0943	15712.56	1.861533	21.47814	13.333	0.190114	14.45459	0.029615	5.582665	0.386221	188.1376	10.35132	176.7268	23.44979	26.64109	320.9458	188.1376	10.35132	NA	
CANT-PC1-COMP-99	295.8169	6403.058	3.078559	19.55524	15.51926	0.208773	15.68444	0.02961	2.270347	0.144751	188.1061	4.208954	192.5226	27.51282	247.0397	359.1892	188.1061	4.208954	NA	
CANT-PC1-COMP-100	211.1836	29845.16	1.96185	16.57595	2.921384	0.744771	4.842466	0.089536	3.861993	0.797526	552.7948	20.45922	565.1857	20.99146	615.3528	63.08418	552.7948	20.45922	89.8338	

Member: Polychrome
Sample: 070618BK-01

				Isotope ratios							Apparent ages (Ma)								
Analysis	U (ppm)	206Pb 204Pb	U/Th	206Pb* 207Pb*	± (%)	207Pb* 235U*	± (%)	206Pb* 238U	± (%)	error corr.	206Pb* 238U	± (Ma)	207Pb* 235U	± (Ma)	206Pb* 207Pb*	± (Ma)	Best age (Ma)	± (Ma)	Conc (%)
070618BK-01	254.6992	3120.527	2.499899	23.50722	3.1831	0.06476	3.356276	0.011046	1.064172	0.317069	70.81521	0.749472	63.71472	2.072733	NA	NA	70.81521	0.749472	111.1442	
070618BK-01	307.4367	3605.889	2.588398	21.61082	4.761856	0.070488	4.914456	0.011053	1.215158	0.247262	70.86039	0.85635	69.16246	3.285795	10.85032	114.6003	70.86039	0.85635	102.455	
070618BK-01	409.0379	9610.462	14.69068	20.4447	1.497243	0.102871	1.878453	0.01526	1.134394	0.603898	97.63122	1.099178	99.42344	1.779101	142.6233	35.11748	97.63122	1.099178	98.19738	
070618BK-01	519.7845	120056.5	4.873841	20.67876	1.317946	0.102849	1.896888	0.015432	1.364259	0.719209	98.71869	1.336519	99.40244	1.7962	115.84	31.07741	98.71869	1.336519	99.31214	
070618BK-01	456.4081	4907.372	4.117122	20.4085	2.961996	0.107871	3.402331	0.015974	1.674048	0.49203	102.1587	1.696706	104.0159	3.363745	146.7951	69.48614	102.1587	1.696706	98.21454	
070618BK-01	396.8899	19829.23	1.88123	20.81962	1.129624	0.110337	1.566443	0.016668	1.085216	0.69279	106.563	1.146933	106.2738	1.580564	99.78008	26.74289	106.563	1.146933	100.2721	
070618BK-01	347.1206	24252.29	1.668112	20.55161	1.920438	0.113427	2.203519	0.016914	1.08047	0.490338	108.124	1.158504	109.0956	2.279307	130.3597	45.15271	108.124	1.158504	99.10933	
070618BK-01	213.3621	28210.69	1.967787	20.83402	1.702798	0.112636	2.088876	0.017027	1.20991	0.579216	108.8392	1.305802	108.3739	2.147176	98.13882	40.30789	108.8392	1.305802	100.4293	
070618BK-01	1164.983	31045.11	1.963474	20.76912	0.883362	0.11793	1.81529	0.017772	1.585859	0.873612	113.5581	1.785102	113.1937	1.944404	105.5154	20.89786	113.5581	1.785102	100.3219	
070618BK-01	387.4989	15026.71	1.058101	20.58819	1.421077	0.123925	1.708393	0.018512	0.948233	0.555044	118.2479	1.111044	118.6242	1.912668	126.1994	33.45947	118.2479	1.111044	99.68285	

070618BK-01	388.8222	21698.44	2.116983	20.46815	1.238424	0.128991	1.675608	0.019157	1.128702	0.673607	122.3257	1.367675	123.1908	1.943893	139.9209	29.0798	122.3257	1.367675	99.29769
070618BK-01	464.5626	34448.26	2.249759	20.79038	1.139991	0.167914	1.9573	0.02533	1.591052	0.812881	161.2545	2.53382	157.6069	2.857356	103.1012	26.96099	161.2545	2.53382	102.3144
070618BK-01	197.4091	5271.638	3.011386	21.22944	1.13966	0.174396	1.579106	0.026863	1.093047	0.692194	170.888	1.843346	163.2267	2.381023	53.50718	27.18582	170.888	1.843346	104.6937
070618BK-01	137.5607	9010.271	3.060774	20.54531	1.682548	0.181379	2.233728	0.027039	1.469207	0.657738	171.9887	2.49346	169.2467	3.48225	131.0755	39.55535	171.9887	2.49346	101.6201
070618BK-01	694.1466	21083.89	2.291392	20.69912	1.13315	0.1816	2.105615	0.027274	1.774707	0.842845	173.467	3.03748	169.4362	3.285906	113.499	26.7152	173.467	3.03748	102.3789
070618BK-01	612.614	50701.61	6.403893	20.41395	1.166184	0.185896	1.898126	0.027535	1.49763	0.789005	175.1023	2.58709	173.1215	3.021203	146.1678	27.35194	175.1023	2.58709	101.1441
070618BK-01	253.6328	22050.28	2.679936	20.14032	1.221199	0.195342	1.669679	0.028546	1.138639	0.681951	181.4439	2.037188	181.1775	2.770563	177.6804	28.48192	181.4439	2.037188	100.1471
070618BK-01	519.8017	63168.25	2.13686	19.95113	1.048085	0.197416	1.924191	0.028578	1.6137	0.838638	181.6447	2.89029	182.9374	3.221193	199.6678	24.34119	181.6447	2.89029	99.29337
070618BK-01	284.7823	21149.99	2.093744	20.41688	1.140395	0.193954	1.640322	0.028733	1.179048	0.718791	182.6115	2.122867	179.9973	2.705645	145.8304	26.72614	182.6115	2.122867	101.4523
070618BK-01	573.7738	71735.38	1.854005	20.33341	1.066841	0.194813	1.74731	0.028742	1.383815	0.791969	182.6695	2.492328	180.7276	2.892802	155.4001	24.96551	182.6695	2.492328	101.0745
070618BK-01	439.2015	37769.66	2.591712	20.13243	1.102955	0.19684	1.821111	0.028754	1.449115	0.795731	182.7452	2.611005	182.4491	3.041204	178.5947	25.72298	182.7452	2.611005	100.1623
070618BK-01	281.7412	14046.69	2.28632	20.06169	1.545819	0.197876	1.919894	0.028804	1.138611	0.59306	183.057	2.054992	183.3276	3.220255	186.7943	35.9812	183.057	2.054992	99.85237
070618BK-01	540.0469	10125195	2.503639	19.76972	0.833584	0.201736	1.710628	0.028938	1.493783	0.873236	183.8991	2.70824	186.5937	2.915818	220.8163	19.29198	183.8991	2.70824	98.5559
070618BK-01	172.1927	9497.565	4.574052	20.81959	2.252003	0.192366	2.434102	0.02906	0.923763	0.379509	184.6594	1.681615	178.6461	3.987399	99.78179	53.26601	184.6594	1.681615	103.3661
070618BK-01	637.3578	29261.42	2.905011	19.98708	0.842988	0.200985	1.721069	0.029147	1.500483	0.871832	185.2105	2.739509	185.9594	2.924527	195.5053	19.61149	185.2105	2.739509	99.59724
070618BK-01	357.5971	10797.15	2.764164	20.62778	1.090226	0.195738	1.692709	0.029297	1.294863	0.764965	186.1438	2.375841	181.5136	2.813538	121.6321	25.67541	186.1438	2.375841	102.5509
070618BK-01	692.4486	57863.37	2.06245	20.11981	0.854373	0.200796	1.897059	0.029313	1.693777	0.892843	186.2502	3.109526	185.7999	3.221059	180.0563	19.91453	186.2502	3.109526	100.2424
070618BK-01	465.5526	70182.99	2.967314	19.98236	1.043455	0.202252	1.785511	0.029324	1.448879	0.811465	186.3181	2.660886	187.0303	3.049943	196.0555	24.27054	186.3181	2.660886	99.61921
070618BK-01	727.6649	49739.25	3.053046	19.83636	0.787784	0.204345	1.481869	0.029411	1.255122	0.846986	186.8623	2.311684	188.7959	2.553014	213.071	18.22877	186.8623	2.311684	98.97583
070618BK-01	255.0439	66635.45	3.013657	19.70013	1.123429	0.207176	1.566029	0.029614	1.091033	0.696688	188.1313	2.022914	191.1799	2.728971	228.9687	25.94306	188.1313	2.022914	98.40542
070618BK-01	304.2811	21836.73	2.478892	20.02405	1.256396	0.20433	1.842655	0.029687	1.347904	0.731501	188.591	2.505202	188.7831	3.174396	191.2092	29.21238	188.591	2.505202	99.89825
070618BK-01	478.4239	34898.16	2.030258	20.2484	0.923783	0.204285	1.756626	0.030013	1.494109	0.850556	190.6324	2.806553	188.7459	3.025649	165.1877	21.5678	190.6324	2.806553	100.9995
070618BK-01	256.322	82241.79	2.509734	18.9543	0.958529	0.218679	1.424422	0.030075	1.053661	0.739711	191.0165	1.983139	200.8099	2.5953	317.4121	21.81343	191.0165	1.983139	95.12305
070618BK-01	700.0112	4828232	2.960889	19.93385	0.89165	0.208231	1.850491	0.030118	1.621505	0.876257	191.2861	3.056147	192.0673	3.238278	201.6773	20.70794	191.2861	3.056147	99.59329
070618BK-01	177.0249	10411.41	3.036593	19.65539	1.219001	0.214316	1.709393	0.030565	1.198358	0.701043	194.0833	2.29115	197.1681	3.063346	234.2619	28.14431	194.0833	2.29115	98.43545
070618BK-01	183.0014	8968.742	2.753148	20.91482	1.32068	0.202778	1.636084	0.030773	0.9657	0.590251	195.3814	1.858491	187.4743	2.800737	89.01678	31.31502	195.3814	1.858491	104.2177
070618BK-01	572.2814	235356.4	12.802	19.99365	1.021169	0.212385	2.035877	0.030811	1.761252	0.865107	195.6214	3.393636	195.5524	3.621322	194.7413	23.74237	195.6214	3.393636	100.0353
070618BK-01	589.5839	30847.71	3.132803	19.74854	1.018097	0.215547	1.727323	0.030886	1.395394	0.807836	196.0926	2.695066	198.197	3.110108	223.3142	23.54704	196.0926	2.695066	98.93821
070618BK-01	570.9893	61700.59	3.460806	19.78776	1.023164	0.216012	1.753156	0.031014	1.423619	0.812032	196.8935	2.76064	198.5852	3.162219	218.7289	23.65771	196.8935	2.76064	99.14811
070618BK-01	585.2046	74024.86	3.265749	20.11107	1.038986	0.212694	1.780132	0.031037	1.445468	0.812001	197.0349	2.804991	195.8112	3.17021	181.069	24.21966	197.0349	2.804991	100.6249
070618BK-01	315.4779	19449.24	2.065714	19.63954	1.311781	0.218505	1.877672	0.031137	1.343459	0.715492	197.6625	2.615216	200.6651	3.418897	236.0982	30.26515	197.6625	2.615216	98.50368
070618BK-01	191.7928	8419.632	11.6694	20.15952	1.428601	0.214149	1.999449	0.031325	1.39889	0.699638	198.8329	2.738996	197.0287	3.580855	175.4583	33.32767	198.8329	2.738996	100.9157
070618BK-01	228.1615	9868.771	5.46117	20.76824	1.368623	0.207936	1.746155	0.031334	1.084401	0.621023	198.8927	2.123863	191.8193	3.052109	105.6161	32.31884	198.8927	2.123863	103.6875
070618BK-01	272.8633	31758.97	4.214261	19.85637	1.181208	0.217824	1.460928	0.031383	0.859685	0.588451	199.1975	1.686283	200.097	2.653264	210.7233	27.39367	199.1975	1.686283	99.55048
070618BK-01	165.1233	23378.75	3.413045	19.52037	1.385892	0.222219	1.774469	0.031474	1.108171	0.624509	199.7697	2.17984	203.7553	3.275916	250.103	31.90482	199.7697	2.17984	98.04391
070618BK-01	408.5508	37452.53	3.230307	20.03878	0.852588	0.21676	1.924897	0.031516	1.725782	0.896558	200.0324	3.399114	199.2094	3.481873	189.4524	19.84484	200.0324	3.399114	100.4132
070618BK-01	110.4435	60545.07	3.029284	19.20618	1.316192	0.227319	1.584068	0.031679	0.881425	0.556431	201.0451	1.744714	207.9833	2.97909	287.3427	30.08086	201.0451	1.744714	96.66407
070618BK-01	355.2037	18685.99	3.090039	20.38939	1.134423	0.215112	1.891639	0.031824	1.513731	0.800222	201.9547	3.00966	197.8333	3.400305	148.9907	26.59315	201.9547	3.00966	102.0832
070618BK-01	409.0801	16437.93	3.96529	19.60009	1.068746	0.22434	1.43747	0.031905	0.961302	0.668746	202.4573	1.915982	205.5156	2.674451	240.7178	24.64846	202.4573	1.915982	98.51186
070618BK-01	282.3127	49041.71	2.771938	20.04773	1.299082	0.220826	1.841678	0.032122	1.305436	0.70883	203.816	2.619067	202.5973	3.382534	188.4149	30.22752	203.816	2.619067	100.6016
070618BK-01	169.0748	23237.12	3.277836	19.66007	1.57696	0.225979	1.849914	0.032236	0.967149	0.522808	204.5277	1.947038	206.8741	3.462332	233.7128	36.38494	204.5277	1.947038	98.86576
070618BK-01	233.6666	36267.33	3.170743	19.63655	1.307835	0.228065	1.722096	0.032495	1.120349	0.650573	206.142	2.272973	208.5997	3.247321	236.4684	30.16647	206.142	2.272973	98.82181
070618BK-01	114.2826	14190.3	2.072704	20.34188	1.520265	0.22064	1.895029	0.032566	1.13134	0.597004	206.5871	2.30015	202.4421	3.478114	154.4566	35.60227	206.5871	2.30015	102.0475
070618BK-01	493.0367	22200.41	2.695018	20.09299	0.943867	0.223375	1.79681	0.032566	1.528934	0.850916	206.589	3.108535	204.7147	3.331257	183.1636	21.98404	206.589	3.108535	100.9156
070618BK-01	805.4249	37232.43	6.777102	19.71078	0.904138	0.229488	1.726645	0.032821	1.470998	0.85194	208.1795	3.013398	209.7758	3.272426	227.7605	20.88065	208.1795	3.013398	99.23905
070618BK-01	681.1712	28681.65	3.103172	19.91317	0.883174	0.230526	1.786694	0.033308	1.553151	0.869288	211.2181	3.227375	210.6324	3.398679	204.0645	20.50895	211.2181	3.227375	100.278
070618BK-01	239.3108	23022.11	6.54811	19.70653	1.102177	0.238495	1.445235	0.034102	0.934832	0.646837	216.1689	1.98731	217.1872	2.825884	228.2461	25.46662	216.1689	1.98731	99.53114
070618BK-01	243.049	22199.47	2.865906	19.87157	1.145755	0.236783	1.476385	0.034141	0.931107	0.630666	216.4105	1.981565	215.7827	2.870038	208.9203	26.58616	216.4105	1.981565	100.2909
070618BK-01	792.984	65280.1	2.739336	19.8575	0.682043	0.238319	1.783664	0.034338	1.648112	0.924004	217.6391	3.527063	217.0428	3.485542	210.5976	15.80069	217.6391	3.527063	100.2747
070618BK-01	280.5011	18604.87	2.617392	19.05134	1.375655	0.250606	1.681186	0.034642	0.966417	0.574842	219.5362	2.085915	227.068	3.420722	305.7904	31.34253	219.5362	2.085915	96.68303
070618BK-01	332.2914	53347.93	1.553249	19.58818	0.878664	0.25495	1.293224	0.036236	0.948882	0.733734	229.4582	2.138993	230.5895	2.66768	242.1172	20.24345	229.4582	2.138993	99.5094
070618BK-01	1262.565	135958.3	1.210027	19.50056	0.928021	0.256936	1.698833	0.036355	1.422959	0.83761	230.1975	3.217821	232.1947	3.526096	252.4833	21.34694	230.1975	3.217821	99.13985
070618BK-01	321.6758	35945.18	1.330297	19.14413	1.080726	0.289085	1.562681	0.040156	1.128718	0.722296	253.7993	2.809018	257.8391	3.558331	294.7535	24.69304	253.7993	2.809018	98.43317
070618BK-01	171.0542	6835.825	2.331496	19.66579	1.74055	0.28826	2.82033	0.041132	2.219177	0.78685	259.8477	5.651807	257.1887	6.407906	233.0424	40.15837	259.8477	5.651807	101.0339
070618BK-01	329.9246	25298.39	3.286132	19.39709	1.109886	0.298017	1.567313	0.041944	1.106626	0.706066	264.8689	2.871709	264.8503	3.653829	264.6977	25.46472	264.8689	2.871709	100.007
070618BK-01	394.9445	52848.84	2.20886	18.80773	1.07159	0.341863	1.471201	0.046653	1.008032	0.685176	293.9375	2.896448	298.5822	3.805815	335.0669	24.27473	293.9375	2.896448	98.44443
070618BK-01	600.6292	50073.94	4.18826	19.12809	0.956364	0.364977	1.695046	0.050655	1.399481	0.82563	318.5437	4.349609	315.924	4.602086	296.6438	21.82482	318.5437	4.349609	100.8292
070618BK-01	1801.707	60172.16	1.37597	19.05641	0.736754	0.371291	1.354549	0.051338	1.13666	0.839143	322.7337	3.578072	320.6095	3.724012	305.2127	16.79052	322.7337	3.578072	100.6626
070618BK-01	103.5326	15700.67	3.425749	19.01578	1.099811	0.393799	1.608067	0.054335	1.173155	0.729544	341.0788	3.897371	337.1407	4.613296	310.0451	25.05535	341.0788	3.897371	101.1681
070618BK-01	321.2573	28080.35	3.598196	18.70229	0.894	0.405886	1.537662	0.055079	1.251067	0.813617	345.6288	4.210176	345.9079	4.507621	347.7614	20.21198	345.6288	4.210176	99.91931
070618BK-01	354.2103	21489.98	1.987948	18.95611	0.92063	0.405261	1.470533	0.055741	1.146694	0.779781	349.6695	3.902832	345.4565	4.306106	317.1958	20.90967	349.6695	3.902832	101.2196
070618BK-01	247.7724	16725.37	2.741265	18.72361	0.792293	0.414178	1.141945	0.056268	0.822381	0.720158	352.8913	2.824106	351.8793	3.395935	345.2085	17.90289	352.8913	2.824106	100.2876
070618BK-01	512.6713	70842.66	1.299641	18.10357	0.908852	0.429195	1.877416	0.056378	1.642765	0.875014	353.5583	5.651731	362.6049	5.724773	420.864	20.28959	353.5583	5.651731	97.5051
070618BK-01	503.4377	7022059	2.852981	18.57988	0.802309	0.424045	1.489421	0.057167	1.25486	0.842516	358.3711	4.374341	358.9392	4.503377	362.5919	18.07388	358.3711	4.374341	99.84171
070618BK-01	432.4632	1255749	3.252989	18.64557	1.065775	0.425716	1.51268	0.057595	1.073465	0.709644	360.9817	3.768514	360.1301	4.586348	354.6539	24.0506	360.9817	3.768514	100.2365
070618BK-01	67.21145	8876.606	57.05738	18.84753	1.61988	0.422536	1.959378	0.057784	1.102338	0.562596	362.1332	3.881878	357.8627	5.909535	330.2852	36.72428	362.1332	3.881878	101.1934
070618BK-01	395.9101	207450.9	1.671539	18.71932	0.810329	0.426551	1.461665	0.057936	1.216482	0.832258	363.0611	4.294507	360.7245	4.437762	345.7027	18.31782	363.0611	4.294507	100.6477
070618BK-01	189.1894	11720.34	3.750634	18.78765	1.302157	0.430783	1.675407	0.058724	1.054218	0.629231	367.8636	3.76951	363.7327	5.121993	337.4553	29.47866	367.8636	3.76951	101.1357
070618BK-01	819.4463	49521.76	18.06334	18.48541	0.764165	0.439914	1.571856	0.059004	1.373603	0.873873	369.5681	4.933628	370.1917	4.876153	374.0764	17.19983	369.5681	4.933628	99.83153
070618BK-01	290.4953	152727.1	2.21172	18.57875	0.851672	0.452377	1.247739	0.060982	0.911871	0.730818	381.5975	3.378688	378.9426	3.946182	362.7289	19.19707	381.5975	3.378688	100.7006
070618BK-01	186.2997	67662.4	3.191841	18.4601	1.140516	0.466249	1.423099	0.062451	0.851136	0.598086	390.5146	3.225139	388.5949	4.594925	377.1606	25.64345	390.5146	3.225139	100.494
070618BK-01	257.5393	26132.57	1.898219	18.32094	0.964356	0.478989	1.378929	0.063674	0.985628	0.714778	397.9297	3.803506	397.3793	4.534564	394.1572	21.6304	397.9297	3.803506	100.1385
070618BK-01	411.9604	53109.69	3.080783	18.29027	0.902199	0.491885	1.667287	0.065279	1.402099	0.840947	407.6482	5.538665	406.1941	5.581779	397.9133	20.22269	407.6482	5.538665	102.4465
070618BK-01	982.5621	54791.84	2.077869	18.28552	0.752924	0.494613	1.558973	0.065624	1.365102	0.875642	409.7358	5.419264	408.0493	5.238528	398.4949	16.87515	409.7358	5.419264	102.8208
070618BK-01	542.6516	26346.2	17.48669	18.50862	0.838597	0.501797	1.501588	0.067389	1.245601	0.829522	420.4063	5.069484	412.9178	5.094491	371.2521	18.86351	420.4063	5.069484	113.2401
070618BK-01	644.4549	73531.99	1.094081	18.09249	0.49628	0.52743	1.243855	0.069239	1.140563	0.916957	431.5694	4.761168	430.1026	4.361199	422.2302	11.07678	431.5694	4.761168	102.2119
070618BK-01	114.8753	24687.18	1.394603	18.05696	1.311561	0.548655	1.755062	0.071884	1.166213	0.664485	447.4954	5.041732	444.1149	6.313534	426.6174	29.26221	447.4954	5.041732	104.8938
070618BK-01	91.25651	8456.253	1.44844	17.96206	1.315241	0.564463	1.755668	0.073566	1.162975	0.662412	457.6063	5.13735	454.4272	6.432032	438.3567	29.27346	457.6063	5.13735	104.3913
070618BK-01	354.256	68883.37	11.07064	17.72156	0.829893	0.580684	1.347273	0.074667	1.06133	0.787762	464.2125	4.753619	464.9008	5.025551	468.2795	18.39235	464.2125	4.753619	99.13151
070618BK-01	374.7115	68767.2	3.500735	17.6793	0.717762	0.58265	1.43181	0.074741	1.23891	0.865275	464.6573	5.554113	466.163	5.352321	473.6075	15.88408	464.6573	5.554113	98.11019
070618BK-01	505.9201	104809	10.54363	16.40002	1.358778	0.730539	2.192092	0.086931	1.720171	0.784717	537.3623	8.86878	556.8696	9.396434	637.4544	29.24537	537.3623	8.86878	84.29815
070618BK-01	263.1127	258684	4.314182	17.5134	0.817968	0.692351	1.194304	0.08798	0.870224	0.728645	543.5804	4.536417	534.2122	4.96117	494.4258	18.02973	543.5804	4.536417	109.9417
070618BK-01	331.5885	18283.19	1.31634	17.05368	0.777692	0.732823	1.202526	0.090679	0.917205	0.762731	559.5494	4.915783	558.2087	5.163844	552.7429	16.97233	559.5494	4.915783	101.2314
070618BK-01	162.0989	11819.27	1.915489	17.14358	0.999271	0.730354	1.30809	0.09085	0.844131	0.645316	560.5594	4.531959	556.7608	5.606222	541.2541	21.85145	560.5594	4.531959	103.5668
070618BK-01	213.8194	23066.98	3.222589	16.9297	0.923051	0.739745	1.537729	0.09087	1.229873	0.799798	560.6787	6.604271	562.2568	6.639149	568.669	20.09049	560.6787	6.604271	98.59491
070618BK-01	289.6444	68244.7	1.088321	17.04465	0.837701	0.74015	1.241727	0.091537	0.916593	0.73816	564.6193	4.955095	562.493	5.362817	553.8841	18.26218	564.6193	4.955095	101.9382
070618BK-01	218.2724	70001.01	3.732504	17.02209	0.88894	0.747471	1.401521	0.09232	1.083535	0.773113	569.2427	5.903459	566.7562	6.087225	556.7698	19.3884	569.2427	5.903459	102.2402
070618BK-01	129.2758	15856.16	2.870405	16.74333	1.199346	0.789251	1.576411	0.095884	1.023055	0.648977	590.2405	5.77029	590.7469	7.060741	592.714	25.97904	590.2405	5.77029	99.58269
070618BK-01	295.3475	35313.33	2.468226	16.78559	1.017323	0.807456	1.515843	0.098343	1.123759	0.741343	604.6902	6.486295	601.0256	6.876094	587.2473	22.05369	604.6902	6.486295	102.9703
070618BK-01	199.0713	18331.23	1.274939	16.73392	1.053484	0.819769	1.457832	0.099535	1.007694	0.691228	611.6849	5.880509	607.9197	6.668361	593.8892	22.82065	611.6849	5.880509	102.9965
070618BK-01	379.9507	118820.8	3.264894	16.87258	0.779641	0.81582	1.289457	0.099877	1.027064	0.796509	613.6857	6.012229	605.7139	5.882517	576.0199	16.95952	613.6857	6.012229	106.539
070618BK-01	199.8467	32924.07	1.707207	16.71551	0.980926	0.828701	1.378839	0.100509	0.969012	0.702773	617.3914	5.705041	612.8911	6.344602	596.3177	21.2514	617.3914	5.705041	103.534
070618BK-01	124.9934	17906.39	1.289268	16.77174	0.908269	0.832732	1.522606	0.101338	1.222037	0.802596	622.2436	7.248588	615.1267	7.024744	589.0354	19.68036	622.2436	7.248588	105.6377
070618BK-01	503.5916	267898.1	7.594333	16.66925	0.760375	0.842386	1.660344	0.101886	1.475998	0.888972	625.4528	8.797974	620.4614	7.708445	602.2761	16.44265	625.4528	8.797974	103.8482
070618BK-01	123.7453	18010.02	4.186074	16.7349	1.034878	0.84022	1.432102	0.102024	0.98992	0.691236	626.2616	5.907874	619.2671	6.639467	593.7981	22.42136	626.2616	5.907874	105.4671
070618BK-01	101.4385	10452.35	1.317813	16.84877	0.876626	0.836992	1.392746	0.102324	1.082251	0.777063	628.0136	6.476109	617.4844	6.443496	579.0491	19.04837	628.0136	6.476109	108.456
070618BK-01	414.453	100836.4	1.586952	16.62652	0.584141	0.853256	0.976592	0.102936	0.782631	0.80139	631.5936	4.708615	626.4346	4.565517	607.8297	12.6237	631.5936	4.708615	103.9096
070618BK-01	463.7441	181673	2.657621	16.139	1.129623	0.915484	2.105188	0.107205	1.776449	0.843843	656.4957	11.08814	659.9691	10.21663	671.8593	24.17572	656.4957	11.08814	97.71328
070618BK-01	130.8459	44077.32	4.621538	14.02935	1.068416	1.645106	1.556545	0.167463	1.131954	0.727222	998.1181	10.46702	987.6742	9.830055	964.557	21.83551	964.557	21.83551	103.4794
070618BK-01	89.05123	89120.9	1.208081	14.02253	1.176815	1.411492	1.549175	0.143613	1.007496	0.650344	865.059	8.155973	893.7867	9.207355	965.5132	24.02647	965.5132	24.02647	89.59578
070618BK-01	790.5498	943197	16.14248	13.79765	0.90597	1.553891	1.793467	0.155566	1.547819	0.863032	932.0861	13.43253	952.0416	11.08049	998.4384	18.38446	998.4384	18.38446	93.35439
070618BK-01	93.55275	298580.7	1.345646	13.6623	0.919235	1.758392	1.318292	0.174312	0.944934	0.716787	1035.826	9.041984	1030.256	8.533188	1018.432	18.61613	1018.432	18.61613	101.708
070618BK-01	90.83969	22015.62	2.544755	13.65089	1.166808	1.81777	1.54613	0.180048	1.014434	0.656112	1067.235	9.977702	1051.882	10.128	1020.123	23.64432	1020.123	23.64432	104.6183
070618BK-01	68.55099	61402.87	16.49942	13.60592	0.842541	1.823353	1.242011	0.180006	0.912534	0.734722	1067.006	8.973663	1053.892	8.144613	1026.801	17.0612	1026.801	17.0612	103.9156

070618BK-01	336.1375	344889.2	3.901798	13.58226	0.739655	1.73445	1.019141	0.170931	0.701113	0.687945	1017.24	6.59776	1021.405	6.563903	1030.321	14.97096	1030.321	14.97096	98.73036
070618BK-01	98.67382	10818.33	2.227792	13.54896	0.867606	1.763573	1.260236	0.173375	0.914033	0.725287	1030.681	8.706235	1032.162	8.166082	1035.28	17.54472	1035.28	17.54472	99.55578
070618BK-01	57.80457	49812.39	1.950581	13.52174	0.956172	1.879641	1.276538	0.184415	0.845745	0.66253	1091.047	8.488866	1073.936	8.460778	1039.341	19.32207	1039.341	19.32207	104.9749
070618BK-01	22.41035	4874.506	2.049769	13.43338	1.759543	1.745948	2.362334	0.170178	1.57627	0.667251	1013.093	14.77753	1025.665	15.25256	1052.603	35.45374	1052.603	35.45374	96.24646
070618BK-01	136.701	31472.51	1.386183	13.42483	0.753134	1.786441	1.33462	0.174014	1.101817	0.825566	1034.191	10.52785	1040.529	8.688344	1053.885	15.18924	1053.885	15.18924	98.13138
070618BK-01	230.2591	83018.6	1.982945	13.37004	0.802723	1.869511	1.293199	0.181363	1.013903	0.784027	1074.416	10.03414	1070.358	8.55511	1062.116	16.15042	1062.116	16.15042	101.158
070618BK-01	250.9746	2474352	4.005693	13.3086	0.965282	1.831423	1.544742	0.176852	1.20601	0.780719	1049.752	11.68306	1056.79	10.14575	1071.376	19.37457	1071.376	19.37457	97.98165
070618BK-01	128.228	76922.91	1.596291	13.30625	0.768702	1.883413	1.375592	0.18184	1.140767	0.829292	1077.018	11.31478	1075.265	9.123676	1071.731	15.43523	1071.731	15.43523	100.4933
070618BK-01	332.9262	80170.28	3.004541	13.12535	0.940099	1.835887	1.45342	0.174842	1.108441	0.762644	1038.732	10.634	1058.389	9.554123	1099.137	18.82305	1099.137	18.82305	94.50436
070618BK-01	137.7039	142611.2	2.423133	13.06624	0.864983	1.95631	1.298651	0.185471	0.968658	0.745895	1096.794	9.76954	1100.616	8.726111	1108.16	17.30115	1108.16	17.30115	98.97435
070618BK-01	213.2921	69129.81	4.346434	13.05169	0.757162	2.052673	1.146031	0.19439	0.860287	0.750666	1145.113	9.025887	1133.185	7.824821	1110.388	15.13051	1110.388	15.13051	103.1273
070618BK-01	56.66665	10455.84	1.654331	13.03067	1.312866	1.95514	1.595563	0.184856	0.906755	0.568298	1093.446	9.119599	1100.214	10.71914	1113.643	26.21776	1113.643	26.21776	98.18646
070618BK-01	190.5294	81967.56	3.14201	12.84995	0.873472	2.096663	1.411784	0.195487	1.109135	0.785627	1151.03	11.69166	1147.713	9.706128	1141.445	17.35686	1141.445	17.35686	100.8398
070618BK-01	92.50449	1104100	1.556108	12.70265	0.851734	2.149644	1.379645	0.198129	1.085343	0.786683	1165.263	11.56993	1164.938	9.561261	1164.316	16.88731	1164.316	16.88731	100.0813
070618BK-01	356.4227	72261.06	4.961554	12.69652	0.994944	2.122647	1.386826	0.195547	0.966112	0.696635	1151.352	10.18661	1156.197	9.572376	1165.275	19.72147	1165.275	19.72147	98.80516
070618BK-01	211.0634	36898.31	2.102614	12.63741	0.850296	2.204085	1.231868	0.202104	0.891345	0.723572	1186.612	9.660433	1182.339	8.604563	1174.549	16.83702	1174.549	16.83702	101.027
070618BK-01	228.4694	67989.09	2.372524	12.53143	0.71589	2.247673	1.28645	0.204372	1.068857	0.830858	1198.764	11.69227	1196.059	9.040553	1191.157	14.13074	1191.157	14.13074	100.6386
070618BK-01	256.795	115741	3.893762	12.24844	0.830843	2.345913	1.427831	0.208488	1.161206	0.813266	1220.756	12.91417	1226.318	10.16526	1236.101	16.29377	1236.101	16.29377	98.75859
070618BK-01	852.5256	378302.3	5.388949	11.96784	0.769945	2.398566	1.632038	0.208284	1.439005	0.881722	1219.667	15.9907	1242.173	11.69595	1281.399	15.00148	1281.399	15.00148	95.18246
070618BK-01	401.9507	61114.58	8.614641	11.79274	1.139132	2.234401	1.723875	0.191189	1.293878	0.750564	1127.814	13.38736	1191.901	12.0927	1310.06	22.10685	1310.06	22.10685	86.08871
070618BK-01	122.8201	113562.1	2.478733	11.75807	0.791887	2.579945	1.29071	0.220107	1.019239	0.789673	1282.442	11.85308	1294.966	9.445071	1315.771	15.3559	1315.771	15.3559	97.46693
070618BK-01	43.80772	66929.07	1.818145	11.66712	0.936986	2.739083	1.353052	0.231876	0.976118	0.72142	1344.326	11.84433	1339.128	10.06465	1330.813	18.13116	1330.813	18.13116	101.0154
070618BK-01	909.0102	566127.6	4.592392	11.29433	0.704643	2.854279	1.741851	0.233908	1.59296	0.914522	1354.947	19.46644	1369.938	13.0984	1393.374	13.51645	1393.374	13.51645	97.2422
070618BK-01	134.3059	47408.85	3.54483	11.19321	0.849699	3.030566	1.114659	0.246131	0.721441	0.64723	1418.492	9.185897	1415.349	8.510203	1410.605	16.26081	1410.605	16.26081	100.5591
070618BK-01	116.4167	19598.51	3.117495	11.16018	0.829408	3.065563	1.434108	0.248239	1.169935	0.815793	1429.386	14.99866	1424.128	10.9804	1416.258	15.86029	1416.258	15.86029	100.927
070618BK-01	188.8544	501913.1	3.450425	11.03899	0.698012	3.168668	0.992814	0.253801	0.706017	0.711127	1458.05	9.212948	1449.557	7.662766	1437.107	13.30996	1437.107	13.30996	101.4573
070618BK-01	82.27726	268473.1	2.53438	11.03096	0.80048	3.154626	1.234638	0.252493	0.93998	0.761341	1451.318	12.2155	1446.131	9.519154	1438.495	15.26106	1438.495	15.26106	100.8914
070618BK-01	72.8444	32183.5	2.453342	10.82859	0.919227	3.167628	1.329938	0.248882	0.961124	0.722683	1432.709	12.34726	1449.304	10.26411	1473.711	17.44211	1473.711	17.44211	97.21778
070618BK-01	108.9988	60096.16	2.119236	10.82243	0.88066	3.28653	1.291843	0.258078	0.945144	0.731624	1479.999	12.49855	1477.867	10.0574	1474.79	16.70786	1474.79	16.70786	100.3532
070618BK-01	504.3116	62212.74	5.874996	10.80451	1.592858	2.878814	2.213651	0.225687	1.537223	0.694429	1311.855	18.24665	1376.382	16.68372	1477.934	30.20825	1477.934	30.20825	88.76276
070618BK-01	150.5997	336431.6	5.121158	10.79636	0.612043	3.345314	1.074239	0.262061	0.882832	0.821821	1500.376	11.81731	1491.697	8.397624	1479.365	11.60443	1479.365	11.60443	101.4203
070618BK-01	430.2812	825304.1	4.858763	10.71994	0.674846	3.143048	1.258512	0.244473	1.062278	0.844075	1409.91	13.45249	1443.298	9.694636	1492.821	12.77221	1492.821	12.77221	94.44605
070618BK-01	56.25692	469294.5	1.506119	10.69266	1.035868	3.311902	1.412239	0.256951	0.959894	0.679696	1474.225	12.64952	1483.86	11.01447	1497.643	19.59263	1497.643	19.59263	98.43638
070618BK-01	214.0131	298909.2	3.890848	10.64223	0.74719	3.432341	1.323284	0.26504	1.092148	0.825332	1515.574	14.75051	1511.832	10.40532	1506.578	14.1155	1506.578	14.1155	100.5971
070618BK-01	301.6374	165361.6	2.372156	10.38426	0.901174	3.507873	1.426689	0.264306	1.106042	0.775251	1511.835	14.90546	1528.99	11.27326	1552.791	16.92084	1552.791	16.92084	97.36244
070618BK-01	103.3509	67129.61	2.302403	10.37776	0.918096	3.384846	1.712564	0.254877	1.445675	0.844158	1463.577	18.92864	1500.893	13.42414	1553.965	17.23593	1553.965	17.23593	94.18342
070618BK-01	198.723	56494.37	2.020383	10.22557	0.837988	3.504238	1.394143	0.259997	1.114186	0.799191	1489.828	14.82095	1528.171	11.01353	1581.647	15.67344	1581.647	15.67344	94.19475
070618BK-01	55.22205	36776.77	3.077572	10.06588	0.773544	4.060033	1.148794	0.29653	0.849327	0.739321	1674.08	12.52219	1646.315	9.359671	1611.032	14.41272	1611.032	14.41272	103.9135
070618BK-01	108.966	102688.3	3.431998	9.963366	0.705213	3.88654	1.378071	0.280968	1.183958	0.859141	1596.236	16.74072	1610.889	11.12963	1630.08	13.10713	1630.08	13.10713	97.92378
070618BK-01	150.2256	237891.6	1.773968	9.959182	0.6468	4.10454	1.191378	0.296603	1.000515	0.839797	1674.443	14.75405	1655.207	9.727485	1630.861	12.02012	1630.861	12.02012	102.6723
070618BK-01	120.1333	51946.15	1.358739	9.932426	0.732603	3.97007	1.18798	0.286115	0.935196	0.787215	1622.088	13.41166	1628.1	9.635803	1635.859	13.60782	1635.859	13.60782	99.15816
070618BK-01	134.1439	58218.77	1.72925	9.848156	0.682292	4.012767	1.087791	0.286739	0.847211	0.778837	1625.212	12.17045	1636.785	8.842046	1651.67	12.64585	1651.67	12.64585	98.39813
070618BK-01	140.0725	142092	3.139075	9.79626	0.72483	3.937149	1.361572	0.279853	1.152606	0.846526	1590.622	16.24688	1621.352	11.02537	1661.457	13.41762	1661.457	13.41762	95.73654
070618BK-01	85.7778	115371.5	1.847187	9.77855	0.789415	4.092382	1.305678	0.290361	1.040009	0.796528	1643.333	15.08631	1652.785	10.6546	1664.803	14.60714	1664.803	14.60714	98.71037
070618BK-01	219.1903	245810.3	1.348279	9.755869	0.972309	3.975331	1.339277	0.281402	0.921021	0.6877	1598.419	13.03857	1629.174	10.86597	1669.099	17.98205	1669.099	17.98205	95.76535
070618BK-01	107.5419	214121.9	2.004574	9.745324	0.70853	4.281468	1.178329	0.302745	0.941513	0.799023	1704.906	14.10465	1689.805	9.699468	1671.099	13.09974	1671.099	13.09974	102.023
070618BK-01	266.1443	95386.02	1.665583	9.689008	0.713126	4.177521	1.145035	0.293688	0.895855	0.782383	1659.931	13.11031	1669.621	9.381185	1681.808	13.16847	1681.808	13.16847	98.69918
070618BK-01	139.1152	47609.45	3.61162	9.368267	0.735359	4.53699	1.345475	0.3084	1.126744	0.837432	1732.83	17.12058	1737.778	11.19483	1743.721	13.47184	1743.721	13.47184	99.37541
070618BK-01	74.56918	71900.84	3.248309	9.276442	0.736077	4.683653	1.5294	0.315249	1.340618	0.876564	1766.486	20.71431	1764.324	12.79768	1761.748	13.45654	1761.748	13.45654	100.2689
070618BK-01	706.3976	184691.2	4.389505	9.250391	0.695581	4.491387	1.509391	0.301459	1.339563	0.887485	1698.54	20.00233	1729.381	12.53581	1766.888	12.70807	1766.888	12.70807	96.13172
070618BK-01	287.1615	70515.56	1.839509	9.1735	0.630783	4.786974	1.271969	0.318628	1.104544	0.868373	1783.025	17.20537	1782.616	10.68395	1782.119	11.50073	1782.119	11.50073	100.0508
070618BK-01	450.9452	419221.2	7.286401	9.155304	0.683413	4.759797	1.621527	0.316191	1.470475	0.906846	1771.099	22.77235	1777.836	13.60697	1785.739	12.45491	1785.739	12.45491	99.18013
070618BK-01	147.1665	74659.92	3.499107	9.115806	0.811765	4.689144	1.252679	0.310153	0.954066	0.76162	1741.461	14.55967	1765.304	10.48411	1793.616	14.78015	1793.616	14.78015	97.0922
070618BK-01	199.9638	165357.8	4.27847	9.070841	0.680833	4.918249	1.306764	0.323702	1.115392	0.853553	1807.785	17.58338	1805.392	11.02711	1802.615	12.38393	1802.615	12.38393	100.2868
070618BK-01	182.3019	63679.4	0.769139	9.00785	0.739563	5.045291	1.184832	0.329758	0.925674	0.78127	1837.208	14.79788	1826.958	10.04083	1815.281	13.42954	1815.281	13.42954	101.2079
070618BK-01	72.94206	167214.5	2.339168	8.958481	0.622958	5.085721	1.20165	0.330579	1.027563	0.855127	1841.185	16.45742	1833.726	10.19678	1825.252	11.29806	1825.252	11.29806	100.8729
070618BK-01	92.77218	33947.45	1.407516	8.952244	0.853546	5.047102	1.285572	0.32784	0.961329	0.747783	1827.903	15.30055	1827.262	10.89526	1826.515	15.47846	1826.515	15.47846	100.076
070618BK-01	155.4656	2449158	2.379343	8.924982	0.76622	5.28748	1.133532	0.342408	0.835344	0.73694	1898.243	13.73547	1866.843	9.679408	1832.044	13.88715	1832.044	13.88715	103.6134
070618BK-01	121.1611	47575.15	6.524082	8.85153	0.683862	5.288409	1.017892	0.33965	0.753947	0.740695	1884.984	12.32252	1866.993	8.692133	1847.008	12.36997	1847.008	12.36997	102.0561
070618BK-01	164.9542	9056.437	2.25935	8.826468	0.908394	5.453274	1.178211	0.349246	0.750335	0.636843	1930.999	12.5203	1893.271	10.10985	1852.136	16.42201	1852.136	16.42201	104.2579
070618BK-01	227.5274	96952.94	3.141708	8.80094	0.559165	5.027072	1.171896	0.32102	1.02989	0.878824	1794.708	16.13365	1823.893	9.925251	1857.367	10.10139	1857.367	10.10139	96.62643
070618BK-01	106.2207	130141.6	1.766368	8.790918	0.694941	5.351273	1.079712	0.341334	0.826338	0.765332	1893.082	13.55561	1877.093	9.237322	1859.426	12.55158	1859.426	12.55158	101.81
070618BK-01	118.564	514220.7	1.434144	8.783797	0.85395	5.301028	1.379247	0.337855	1.083093	0.785279	1876.341	17.63219	1869.029	11.78257	1860.89	15.4213	1860.89	15.4213	100.8303
070618BK-01	110.4834	63364.62	1.756456	8.775555	0.716887	5.151348	1.318153	0.328007	1.106165	0.839178	1828.715	17.61253	1844.617	11.20892	1862.585	12.9431	1862.585	12.9431	98.18156
070618BK-01	56.16636	12763.11	1.208858	8.558159	0.674599	5.489425	1.12039	0.340875	0.894533	0.798413	1890.877	14.6596	1898.943	9.623491	1907.754	12.1156	1907.754	12.1156	99.11535
070618BK-01	103.5141	52450.94	1.644336	8.510722	0.78782	5.716917	1.303839	0.353034	1.038911	0.796809	1949.068	17.47451	1933.928	11.26843	1917.73	14.13028	1917.73	14.13028	101.6341
070618BK-01	79.14247	88318.06	1.279074	8.440365	0.698485	5.455523	1.227036	0.334107	1.00883	0.822168	1858.256	16.28665	1893.624	10.5295	1932.604	12.50569	1932.604	12.50569	96.15297
070618BK-01	325.9073	280862.3	1.86099	8.326029	0.560103	5.675697	1.227409	0.342882	1.092162	0.889811	1900.52	17.97684	1927.678	10.59638	1956.992	9.998788	1956.992	9.998788	97.11436
070618BK-01	57.36846	31030	5.94425	8.219408	0.818174	5.824303	1.346536	0.347354	1.069463	0.794233	1921.951	17.77361	1950.033	11.66951	1979.969	14.56977	1979.969	14.56977	97.06972
070618BK-01	207.3663	227415.1	2.521825	8.208371	0.715183	5.887439	0.96721	0.350648	0.651159	0.673234	1937.691	10.89769	1959.384	8.395162	1982.362	12.73212	1982.362	12.73212	97.7466
070618BK-01	689.5762	88000058	2.521135	8.119212	0.701861	5.982614	1.529959	0.352446	1.359472	0.888568	1946.268	22.83826	1973.319	13.3109	2001.778	12.46472	2001.778	12.46472	97.22696
070618BK-01	62.61827	21836.43	0.577863	8.071813	0.727712	6.090013	1.388475	0.356679	1.182496	0.851651	1966.411	20.04101	1988.818	12.11043	2012.172	12.90842	2012.172	12.90842	97.7258
070618BK-01	57.07638	41411.86	0.843131	7.885223	0.868318	6.618598	1.342536	0.378676	1.023927	0.762681	2070.096	18.12984	2061.829	11.84313	2053.561	15.33208	2053.561	15.33208	100.8052
070618BK-01	157.411	145666.2	1.690197	7.857575	0.858349	6.61217	1.309541	0.376982	0.989007	0.755232	2062.169	17.45464	2060.972	11.55057	2059.761	15.14309	2059.761	15.14309	100.1169
070618BK-01	164.2453	867600.1	4.829485	7.801257	0.606416	7.056145	0.965923	0.399411	0.751843	0.778367	2166.326	13.83314	2118.531	8.590594	2072.443	10.68233	2072.443	10.68233	104.53
070618BK-01	345.309	1467719	9.202136	7.446008	0.611643	7.080908	1.173987	0.382561	1.002067	0.853559	2088.234	17.87443	2121.647	10.44569	2154.169	10.67612	2154.169	10.67612	96.93918
070618BK-01	254.5265	129182.5	4.579458	7.352071	0.742062	7.770993	1.428393	0.414547	1.220512	0.854465	2235.677	23.05784	2204.854	12.85075	2176.307	12.92133	2176.307	12.92133	102.728
070618BK-01	233.9703	481620.6	2.673341	6.093219	0.654391	10.8471	1.148357	0.479566	0.943661	0.821749	2525.373	19.71739	2510.111	10.67639	2497.777	11.01926	2497.777	11.01926	101.1048
070618BK-01	987.1983	3206688	2.363685	6.083152	0.788908	10.52611	1.732821	0.464606	1.54282	0.890351	2459.862	31.5501	2482.221	16.0696	2500.561	13.27795	2500.561	13.27795	98.37238
070618BK-01	189.2347	117227.4	1.29256	5.390011	0.71852	13.42235	1.25689	0.524935	1.031261	0.820487	2720.078	22.88459	2709.833	11.87789	2702.189	11.86305	2702.189	11.86305	100.662
070618BK-01	353.2741	618332.8	0.794478	5.354023	0.593974	12.8291	1.205711	0.498384	1.049254	0.870237	2606.848	22.49789	2667.183	11.35778	2713.243	9.796418	2713.243	9.796418	96.07866
070618BK-01	258.7437	72058.63	0.977212	5.345029	0.671706	13.39073	1.204751	0.519328	1.000118	0.830145	2696.331	22.03746	2707.605	11.38326	2716.016	11.07559	2716.016	11.07559	99.27524
070618BK-01	199.0526	530984.7	2.482358	5.291053	0.83202	13.99761	1.33993	0.537383	1.050313	0.783856	2772.483	23.66685	2749.546	12.69892	2732.738	13.69444	2732.738	13.69444	101.4544
070618BK-01	139.5133	239851	1.575769	5.171248	0.68283	13.76817	1.05908	0.516606	0.809564	0.764403	2684.77	17.77694	2733.893	10.02587	2770.372	11.20258	2770.372	11.20258	96.91009
070618BK-01	59.21669	35984.84	2.630353	5.04395	0.871139	14.67278	1.332573	0.536996	1.008398	0.75673	2770.861	22.71173	2794.259	12.66805	2811.181	14.23937	2811.181	14.23937	98.56574
070618BK-01	104.0471	262083.3	1.119982	4.954545	0.757366	15.39271	1.233865	0.553359	0.974074	0.789449	2839.126	22.36903	2839.861	11.76472	2840.367	12.34376	2840.367	12.34376	99.95631
070618BK-01	64.96069	74294.91	1.144536	3.902777	0.650156	23.5402	1.438318	0.66661	1.282987	0.892005	3292.774	33.08126	3249.543	14.0102	3222.96	10.2592	3222.96	10.2592	102.1661

Member: Polychrome
Sample: 0716MR-02

				Isotope ratios						Apparent ages (Ma)								
Analysis	U (ppm)	206Pb 204Pb	U/Th	206Pb* 207Pb*	± (%)	207Pb* 235U*	± (%)	206Pb* 238U	± (%)	error corr.	206Pb* 238U	± (Ma)	207Pb* 235U	± (Ma)	206Pb* 207Pb*	± (Ma)	Best age (Ma)	± (Ma)	Conc (%)
-16MR02 Spot 18	119.6952	5311.775	2.1283	21.6672	2.84618	0.06724	3.251368	0.010571	1.571831	0.483437	67.78803	1.059931	66.07725	2.080004	4.533956	68.54418	67.78803	1.059931	NA
-16MR02 Spot 40	394.2942	70487.18	1.532431	20.36529	1.32365	0.075495	1.678661	0.011156	1.032403	0.615015	71.5156	0.734249	73.90016	1.196466	151.7464	30.99042	71.5156	0.734249	NA
-16MR02 Spot 297	609.0999	197549.3	2.097167	20.69521	1.310473	0.074659	1.798123	0.011211	1.231221	0.684726	71.86768	0.879936	73.11085	1.268411	113.9768	30.91991	71.86768	0.879936	NA
-16MR02 Spot 136	733.2377	10930.85	3.994055	21.37373	0.974141	0.073646	1.619034	0.011421	1.293182	0.798737	73.20937	0.941375	72.15338	1.127648	37.27232	23.326	73.20937	0.941375	NA
-16MR02 Spot 106	679.6032	172906.8	2.254922	20.34527	1.219378	0.078091	1.625797	0.011528	1.075329	0.661417	73.88858	0.790009	76.34827	1.19575	154.0213	28.55847	73.88858	0.790009	NA
-16MR02 Spot 225	572.3417	4225.45	3.338713	21.80125	1.205657	0.073089	1.72393	0.011562	1.232204	0.714764	74.10362	0.907879	71.62633	1.192243	NA	NA	74.10362	0.907879	NA
-16MR02 Spot 176	544.1941	10110.49	2.444904	21.77514	1.464586	0.073599	1.765552	0.011628	0.985982	0.558456	74.52925	0.730614	72.10914	1.22897	NA	NA	74.52925	0.730614	NA
-16MR02 Spot 186	787.115	29868.45	2.597664	20.87599	1.191541	0.077405	1.751357	0.011725	1.283542	0.732884	75.14281	0.95889	75.7021	1.277597	93.42049	28.24016	75.14281	0.95889	NA

-16MR02 Spot 172	278.8753	4361.832	3.687025	21.2448	1.711747	0.076414	2.108281	0.011779	1.23076	0.583774	75.48926	0.923673	74.76771	1.519677	51.77073	40.86981	75.48926	0.923673	NA
-16MR02 Spot 212	378.2526	10084.25	2.963251	21.79511	2.120433	0.074573	2.435124	0.011793	1.197328	0.491691	75.57837	0.899637	73.02965	1.715918	NA	NA	75.57837	0.899637	NA
-16MR02 Spot 213	1456.532	59746	1.948029	20.82527	1.222061	0.079034	1.572169	0.011942	0.989081	0.629119	76.52992	0.752467	77.23652	1.169255	99.15172	28.91484	76.52992	0.752467	NA
-16MR02 Spot 236	1062.779	35881.65	2.25082	20.54043	1.024977	0.080488	1.471333	0.011996	1.055578	0.717429	76.87008	0.806605	78.60408	1.112896	131.6599	24.10437	76.87008	0.806605	NA
-16MR02 Spot 230	526.753	45476.29	3.898272	20.47286	1.161902	0.08096	1.699232	0.012026	1.239909	0.729688	77.06499	0.949847	79.04723	1.292244	139.3807	27.28543	77.06499	0.949847	NA
-16MR02 Spot 124	2125.479	85228.01	1.617782	20.62735	0.752754	0.080421	1.169186	0.012037	0.894627	0.765171	77.12902	0.685906	78.54062	0.88367	121.7211	17.74968	77.12902	0.685906	NA
-16MR02 Spot 120	316.8874	4107.588	4.624477	21.85947	1.824088	0.076587	2.630254	0.012147	1.894977	0.720454	77.83518	1.46609	74.93103	1.899913	NA	NA	77.83518	1.46609	NA
-16MR02 Spot 98	333.5209	2489.734	1.847075	22.84915	1.42311	0.073556	2.28053	0.012195	1.782014	0.781404	78.13765	1.384019	72.06848	1.586574	NA	NA	78.13765	1.384019	NA
-16MR02 Spot 4	333.7259	69748.69	2.68785	18.97367	2.30993	0.088608	2.573451	0.012199	1.134404	0.440811	78.16164	0.881315	86.20561	2.126899	315.1171	52.5415	78.16164	0.881315	NA
-16MR02 Spot 12	767.2234	5801.167	5.181177	17.58706	1.534741	0.096752	1.910515	0.012346	1.137822	0.595558	79.10287	0.89455	93.77386	1.711326	485.1455	33.88509	79.10287	0.89455	NA
-16MR02 Spot 259	517.7191	66865.17	3.229502	19.36367	1.570108	0.089975	1.875994	0.012641	1.026701	0.547284	80.98128	0.826235	87.48003	1.572414	268.6182	35.99834	80.98128	0.826235	NA
-16MR02 Spot 13	354.0856	21452.44	5.72536	20.45627	1.3299	0.085183	1.685193	0.012643	1.035007	0.614177	80.99383	0.833047	83.00576	1.343159	141.3068	31.20942	80.99383	0.833047	NA
-16MR02 Spot 8	1282.742	15553.04	8.022	21.39868	0.964345	0.081572	1.508198	0.012665	1.159612	0.768872	81.13279	0.93493	79.62149	1.154975	34.48304	23.08051	81.13279	0.93493	NA
-16MR02 Spot 90	253.3358	6803.045	2.338593	20.90509	2.277679	0.084383	2.523915	0.0128	1.087347	0.430818	81.98761	0.885845	82.25735	1.99424	90.11035	53.98443	81.98761	0.885845	NA
-16MR02 Spot 109	154.5553	2945.311	4.078905	21.81389	5.745458	0.084034	5.87903	0.013301	1.246077	0.211953	85.17704	1.05439	81.93064	4.627552	NA	NA	85.17704	1.05439	NA
-16MR02 Spot 155	94.8925	4691.921	2.943078	19.08228	3.180914	0.096811	3.497365	0.013404	1.453735	0.415666	85.83503	1.239543	93.828	3.134465	302.1202	72.53371	85.83503	1.239543	NA
-16MR02 Spot 185	640.879	45375.26	3.543602	20.16263	1.265756	0.093656	1.750339	0.013702	1.208945	0.690692	87.72624	1.053378	90.90323	1.521971	175.0992	29.5217	87.72624	1.053378	NA
-16MR02 Spot 3	548.3379	12284.66	5.360908	20.09893	1.180172	0.099323	1.621176	0.014485	1.111489	0.685606	92.70488	1.023031	96.15131	1.487255	182.4762	27.47626	92.70488	1.023031	NA
-16MR02 Spot 88	62.89331	3000.261	4.928009	17.8412	3.683385	0.113551	4.052656	0.014699	1.690176	0.417054	94.06926	1.578392	109.2083	4.196163	453.4066	81.81167	94.06926	1.578392	NA
-16MR02 Spot 190	698.1047	1074664	2.898646	20.34151	0.937197	0.101427	1.388534	0.01497	1.024543	0.73786	95.78825	0.974136	98.09272	1.298328	154.4984	21.94723	95.78825	0.974136	NA
-16MR02 Spot 43	269.8657	22958.04	1.638504	20.31589	1.367897	0.104266	1.994593	0.01537	1.45164	0.727788	98.32632	1.416514	100.7069	1.912296	157.4244	32.0171	98.32632	1.416514	NA
-16MR02 Spot 59	1362.575	71120.76	2.557026	20.00241	0.730181	0.106254	1.284412	0.015421	1.056669	0.822687	98.65236	1.034493	102.5332	1.252639	193.7233	16.99329	98.65236	1.034493	NA
-16MR02 Spot 189	759.4611	31174.41	3.788644	20.40557	1.197398	0.10418	1.58634	0.015425	1.040535	0.655934	98.6755	1.018935	100.6271	1.519741	147.1085	28.05657	98.6755	1.018935	NA
-16MR02 Spot 82	442.6156	9739.277	4.003361	20.97861	1.375541	0.101833	1.641944	0.015501	0.896587	0.546052	99.15735	0.882229	98.46651	1.540847	81.74741	32.6508	99.15735	0.882229	NA
-16MR02 Spot 195	871.9171	11269.99	3.29035	18.33928	1.959009	0.116773	2.255424	0.015539	1.117685	0.495554	99.39802	1.102435	112.1421	2.394616	391.9128	43.93804	99.39802	1.102435	NA
-16MR02 Spot 116	959.5525	321158.3	2.674981	20.99023	0.949828	0.102142	1.387615	0.015556	1.011584	0.729009	99.51136	0.998912	98.75195	1.305772	80.43302	22.56629	99.51136	0.998912	NA
-16MR02 Spot 78	447.7453	11085.46	2.656185	18.70853	2.43284	0.116287	2.710506	0.015785	1.195045	0.440894	100.9648	1.197175	111.6999	2.867052	347.0135	55.01974	100.9648	1.197175	NA
-16MR02 Spot 16	1371.299	88486.42	2.22657	20.52376	0.836317	0.106401	1.255071	0.015845	0.93583	0.745639	101.3419	0.940972	102.6675	1.225548	133.5485	19.67017	101.3419	0.940972	NA
-16MR02 Spot 134	1285.398	35745.38	3.440687	20.8028	0.810169	0.105739	1.296382	0.01596	1.012044	0.780668	102.0752	1.02491	102.0601	1.258768	101.7175	19.18112	102.0752	1.02491	NA
-16MR02 Spot 281	376.8608	8342.641	3.982599	20.81085	1.912952	0.107485	2.306269	0.01623	1.288212	0.55857	103.7869	1.326291	103.6621	2.272744	100.8071	45.25269	103.7869	1.326291	NA
-16MR02 Spot 137	562.7033	8139.554	5.285567	20.92442	1.051172	0.108464	1.462267	0.016467	1.016495	0.69515	105.2915	1.06159	104.5593	1.45285	87.92818	24.94523	105.2915	1.06159	NA
-16MR02 Spot 32	825.3962	21420.2	1.092222	21.04869	1.170127	0.110678	1.547834	0.016903	1.013209	0.654598	108.0558	1.085706	106.5855	1.566132	73.85742	27.80354	108.0558	1.085706	NA
-16MR02 Spot 305	240.8776	10370.2	4.031919	21.76247	1.82993	0.107232	2.218018	0.016932	1.25338	0.56509	108.2395	1.345326	103.4298	2.181122	NA	NA	108.2395	1.345326	NA
-16MR02 Spot 102	447.954	33324.41	3.871033	20.48767	1.063061	0.114423	1.489477	0.01701	1.043285	0.700437	108.7286	1.124837	110.0032	1.552841	137.6689	24.97229	108.7286	1.124837	NA
-16MR02 Spot 73	866.4168	86763.39	3.516177	20.64338	1.107363	0.114852	1.632081	0.017203	1.198932	0.734603	109.9551	1.307107	110.3939	1.707232	119.8477	26.11698	109.9551	1.307107	NA
-16MR02 Spot 214	909.7456	51410.89	1.499697	19.40535	0.959555	0.131209	1.670103	0.018474	1.36693	0.818471	118.0073	1.598403	125.1833	1.966952	263.7312	22.04595	118.0073	1.598403	NA
-16MR02 Spot 28	552.4252	80166.56	3.060656	19.67466	1.064943	0.131478	1.424186	0.018769	0.945622	0.663974	119.8736	1.123077	125.4253	1.680371	231.955	24.59966	119.8736	1.123077	NA
-16MR02 Spot 290	618.6246	49170.77	1.510207	20.45407	1.006035	0.127577	1.519266	0.018934	1.138447	0.74934	120.915	1.363723	121.9185	1.745386	141.5165	23.6124	120.915	1.363723	NA
-16MR02 Spot 110	418.729	15378.23	2.081875	20.22621	1.212022	0.130593	1.794258	0.019166	1.323013	0.737359	122.3804	1.603836	124.6305	2.104404	167.7496	28.33203	122.3804	1.603836	NA
-16MR02 Spot 22	505.603	17094.93	1.65614	19.88386	1.346289	0.135884	1.750418	0.019605	1.11869	0.639099	125.156	1.386603	129.371	2.126209	207.5093	31.22252	125.156	1.386603	NA
-16MR02 Spot 72	462.6402	10535.52	2.148498	20.50445	1.000354	0.16246	1.44673	0.02417	1.045141	0.722416	153.9589	1.590025	152.8544	2.052991	135.7571	23.51889	153.9589	1.590025	NA
-16MR02 Spot 264	81.83246	23033.83	3.560325	18.49353	1.883383	0.181715	2.346484	0.024384	1.399591	0.596463	155.3007	2.147602	169.5348	3.663755	373.088	42.39159	155.3007	2.147602	NA
-16MR02 Spot 271	1109.756	78466.69	2.112058	20.04756	0.663527	0.175308	1.166317	0.025501	0.959181	0.822402	162.327	1.53757	164.0155	1.766437	188.4348	15.44165	162.327	1.53757	NA
-16MR02 Spot 56	1279.591	48078.78	2.127857	20.02498	0.735888	0.180843	1.271993	0.026276	1.037515	0.81566	167.2001	1.712422	168.7861	1.977998	191.1001	17.13964	167.2001	1.712422	NA
-16MR02 Spot 83	155.2273	8571.839	1.598096	20.42189	2.376071	0.185368	2.769103	0.027467	1.422048	0.513541	174.6783	2.450657	172.669	4.396964	145.2105	55.74093	174.6783	2.450657	NA
-16MR02 Spot 97	451.7269	14067	2.382077	20.15816	1.132356	0.190198	1.474352	0.027819	0.944184	0.640406	176.8849	1.647415	176.7982	2.392317	175.6162	26.40187	176.8849	1.647415	NA
-16MR02 Spot 249	433.1882	17701.78	1.69993	19.52144	1.406018	0.199572	1.775345	0.028268	1.083956	0.610561	179.7011	1.920982	184.7643	2.999078	249.9769	32.35681	179.7011	1.920982	NA
-16MR02 Spot 200	259.6319	13650.29	2.737579	20.23542	1.079966	0.195434	1.420935	0.028695	0.923433	0.649877	182.3732	1.660496	181.2555	2.358738	166.6857	25.2563	182.3732	1.660496	NA
-16MR02 Spot 74	214.8628	12890.67	2.267636	18.48094	1.454801	0.215421	1.780419	0.028887	1.026375	0.57648	183.5773	1.857616	198.0913	3.20416	374.6202	32.72915	183.5773	1.857616	NA
-16MR02 Spot 273	319.4984	26964.36	2.492606	20.00974	1.332297	0.199022	1.70977	0.028895	1.071587	0.626743	183.6314	1.940008	184.2979	2.881655	192.8718	30.9951	183.6314	1.940008	NA
-16MR02 Spot 129	71.92716	28062.83	3.069562	19.82756	1.820671	0.200954	2.175098	0.02891	1.190045	0.547123	183.7252	2.15555	185.9333	3.695567	214.098	42.18681	183.7252	2.15555	NA
-16MR02 Spot 123	520.8327	161834.6	1.383898	19.86868	0.879093	0.2021	1.386783	0.029136	1.072549	0.773408	185.1358	1.95743	186.9017	2.367365	209.2788	20.38076	185.1358	1.95743	NA
-16MR02 Spot 229	466.8043	15227.65	2.174528	20.36959	1.053518	0.198567	1.686874	0.029348	1.317438	0.780994	186.4655	2.421379	183.9128	2.837645	151.2403	24.66289	186.4655	2.421379	NA
-16MR02 Spot 250	193.1991	53626.13	1.480095	18.36895	1.559172	0.220371	1.850835	0.029372	0.997283	0.538829	186.6135	1.834386	202.2183	3.393606	388.285	35.00623	186.6135	1.834386	NA
-16MR02 Spot 20	120.0806	15758.84	4.237531	18.98146	1.657176	0.213712	1.823596	0.029434	0.761098	0.417361	187.0034	1.402833	196.6626	3.260415	314.1549	37.67906	187.0034	1.402833	NA
-16MR02 Spot 282	380.3086	69954.86	1.561675	18.69418	1.008065	0.217266	1.312176	0.02947	0.840006	0.640163	187.2329	1.550148	199.6319	2.378096	348.7859	22.79164	187.2329	1.550148	NA
-16MR02 Spot 130	249.9639	15703.36	2.852533	20.0186	1.140292	0.204879	1.440575	0.029759	0.880336	0.6111	189.0402	1.640025	189.2465	2.487261	191.8432	26.52352	189.0402	1.640025	NA
-16MR02 Spot 149	437.6082	29451.75	1.412067	19.45098	1.223869	0.211745	1.760381	0.029884	1.26534	0.718788	189.8241	2.366901	195.0162	3.123492	258.3069	28.13744	189.8241	2.366901	NA
-16MR02 Spot 42	84.07799	4843.973	3.629549	21.11495	1.721033	0.195262	2.189149	0.029915	1.35293	0.618016	190.0189	2.533302	181.109	3.631292	66.35412	40.98854	190.0189	2.533302	NA
-16MR02 Spot 275	462.8341	33915.24	2.588622	19.37543	0.85788	0.213106	1.291672	0.02996	0.965638	0.747588	190.2952	1.810707	196.1561	2.303989	267.2267	19.6829	190.2952	1.810707	NA
-16MR02 Spot 5	340.0239	20993.18	2.614518	19.89069	0.885284	0.208479	1.399316	0.030088	1.083677	0.774434	191.1019	2.040534	192.2756	2.451149	206.7051	20.54895	191.1019	2.040534	NA
-16MR02 Spot 104	344.2497	23141.61	2.267199	20.09216	1.349716	0.206548	1.87939	0.030112	1.307812	0.695871	191.2471	2.464415	190.6515	3.266811	183.2598	31.44676	191.2471	2.464415	NA
-16MR02 Spot 160	583.2296	20944.24	1.428749	19.85633	0.801516	0.20925	1.324524	0.030148	1.054483	0.796122	191.4719	1.989348	192.9232	2.327233	210.7257	18.55474	191.4719	1.989348	NA
-16MR02 Spot 112	1004.116	51203.69	1.793677	19.96095	0.780868	0.208411	1.245311	0.030185	0.970074	0.778982	191.7051	1.832302	192.2182	2.18079	198.5446	18.15384	191.7051	1.832302	NA
-16MR02 Spot 70	180.7921	9418.849	2.641974	20.29234	1.348689	0.205139	1.948884	0.030204	1.406835	0.721867	191.8268	2.65893	189.4656	3.368442	160.138	31.5514	191.8268	2.65893	NA
-16MR02 Spot 226	232.2356	16087.54	2.882827	19.93305	1.295269	0.208841	1.91459	0.030205	1.409941	0.736419	191.8302	2.664846	192.5793	3.358561	201.7493	30.07124	191.8302	2.664846	NA
-16MR02 Spot 150	398.9917	25824.19	2.896388	19.33361	1.328366	0.215833	1.80079	0.030277	1.21585	0.675176	192.2846	2.303369	198.4361	3.24593	272.1812	30.45912	192.2846	2.303369	NA
-16MR02 Spot 274	223.8545	37781.4	2.703617	19.08512	0.95129	0.218877	1.581923	0.03031	1.263934	0.798985	192.4865	2.396938	200.9744	2.884404	301.7943	21.66635	192.4865	2.396938	NA
-16MR02 Spot 218	416.3772	46146.18	2.772123	19.78242	0.989079	0.211324	1.426412	0.030333	1.0278	0.720549	192.632	1.950583	194.6628	2.526757	219.3753	22.8779	192.632	1.950583	NA
-16MR02 Spot 246	130.5156	12274.63	2.120403	20.32854	1.432016	0.205824	1.747233	0.030359	1.001076	0.572949	192.7958	1.901457	190.0423	3.028266	155.9851	33.54883	192.7958	1.901457	NA
-16MR02 Spot 164	73.10127	4793.593	4.69909	20.34423	3.564132	0.207589	3.771038	0.030643	1.231947	0.326686	194.5719	2.361209	191.5271	6.582356	154.1401	83.48576	194.5719	2.361209	NA
-16MR02 Spot 108	645.7306	64888.39	3.217191	19.98186	0.875378	0.212734	1.496066	0.030843	1.21323	0.810947	195.8243	2.340076	195.8447	2.664733	196.1137	20.35368	195.8243	2.340076	NA
-16MR02 Spot 296	120.8116	66320.72	3.172506	19.18621	1.433676	0.221599	2.072189	0.030849	1.496175	0.722026	195.8609	2.886353	203.2394	3.816803	289.7231	32.76098	195.8609	2.886353	NA
-16MR02 Spot 117	563.5058	32201.63	2.688717	20.31654	0.919999	0.209824	1.720498	0.030931	1.453862	0.845024	196.3721	2.811934	193.4052	3.029834	157.3674	21.51059	196.3721	2.811934	NA
-16MR02 Spot 206	220.6777	13228	2.584055	19.89961	1.16202	0.214454	1.678431	0.030965	1.211131	0.721585	196.5827	2.344939	197.2831	3.00945	205.6632	26.98023	196.5827	2.344939	NA
-16MR02 Spot 52	499.7946	42834.18	4.015237	19.53187	1.199066	0.218522	1.786744	0.030969	1.324648	0.741376	196.6102	2.565079	200.6793	3.253539	248.791	27.62331	196.6102	2.565079	NA
-16MR02 Spot 31	559.8815	38907.8	3.125691	18.87707	0.681599	0.226506	1.338311	0.031024	1.151738	0.86059	196.9555	2.234108	207.3099	2.509559	326.7095	15.45647	196.9555	2.234108	NA
-16MR02 Spot 9	588.008	65270.81	2.759406	19.24853	0.838622	0.222146	1.385638	0.031026	1.103044	0.796055	196.9654	2.139759	203.6941	2.557382	282.3244	19.18748	196.9654	2.139759	NA
-16MR02 Spot 256	751.278	47734.51	2.826564	19.78965	0.752264	0.216146	1.449334	0.031036	1.238817	0.854749	197.0319	2.40394	198.6968	2.615532	218.5015	17.42501	197.0319	2.40394	NA
-16MR02 Spot 258	481.4517	23273.58	2.145421	19.92341	1.052378	0.215345	1.66746	0.03113	1.293415	0.77568	197.6198	2.517263	198.028	3.000002	202.8774	24.42791	197.6198	2.517263	NA
-16MR02 Spot 220	136.5242	334814.7	1.540088	19.19525	1.73458	0.223741	1.965133	0.031162	0.92357	0.469978	197.8173	1.799233	205.0183	3.648206	288.6631	39.63137	197.8173	1.799233	NA
-16MR02 Spot 55	391.5672	17453.88	4.708452	20.16823	1.167196	0.213461	1.411992	0.031237	0.79459	0.562744	198.2879	1.55159	196.453	2.522063	174.4507	27.21834	198.2879	1.55159	NA
-16MR02 Spot 35	391.2233	14678.67	1.558667	20.23636	0.955391	0.213062	1.599503	0.031284	1.282824	0.802014	198.5806	2.508603	196.1185	2.852583	166.5768	22.32284	198.5806	2.508603	NA
-16MR02 Spot 166	128.3463	8670.616	2.272401	19.90204	1.516904	0.217736	1.800934	0.031442	0.970756	0.539029	199.5694	1.90765	200.0237	3.269687	205.3823	35.19586	199.5694	1.90765	NA
-16MR02 Spot 84	250.6536	35955.66	2.264578	19.6876	1.381354	0.220109	1.72545	0.031443	1.033942	0.599231	199.5705	2.03183	202.0004	3.160621	230.4379	31.91336	199.5705	2.03183	NA
-16MR02 Spot 91	415.6111	24963.65	3.018395	20.00069	1.162927	0.217513	1.772259	0.031566	1.337349	0.754601	200.3415	2.63806	199.8381	3.214925	193.9238	27.03718	200.3415	2.63806	NA
-16MR02 Spot 157	252.1107	10714.87	2.954877	19.87871	1.240858	0.218867	1.769585	0.031569	1.261627	0.712951	200.3585	2.488899	200.9664	3.226465	208.1278	28.78113	200.3585	2.488899	NA
-16MR02 Spot 231	1104.2	428255.4	2.056112	19.75472	0.766172	0.220352	1.224576	0.031585	0.955284	0.780093	200.4579	1.885474	202.2024	2.245162	222.5928	17.73344	200.4579	1.885474	NA
-16MR02 Spot 222	357.96	37670.98	3.614432	19.88241	1.046529	0.219093	1.383341	0.031607	0.90466	0.653967	200.5986	1.78679	201.1543	2.524358	207.6717	24.26974	200.5986	1.78679	NA
-16MR02 Spot 66	296.5637	13238.29	3.11167	20.27487	1.139725	0.214975	1.425539	0.031625	0.856264	0.60066	200.7117	1.692142	197.7186	2.561119	162.1335	26.64644	200.7117	1.692142	NA
-16MR02 Spot 154	839.1558	59935.41	1.086704	20.0308	0.73082	0.218032	1.322879	0.031689	1.102683	0.833548	201.1092	2.183364	200.2703	2.404429	190.4261	17.00455	201.1092	2.183364	NA
-16MR02 Spot 179	294.5437	11302.14	4.065371	20.2436	0.811486	0.216124	1.208691	0.031745	0.895782	0.741117	201.462	1.776752	198.6789	2.181079	165.7409	18.9412	201.462	1.776752	NA
-16MR02 Spot 261	196.6116	44270.36	2.352033	19.24356	1.129463	0.227721	1.564383	0.031796	1.082409	0.691908	201.7806	2.150262	208.3154	2.946302	282.9147	25.82622	201.7806	2.150262	NA
-16MR02 Spot 158	233.4803	43296.43	2.943886	19.46503	1.145104	0.225453	1.93861	0.031842	1.564272	0.806904	202.0662	3.11184	206.4385	3.621449	256.6504	26.34241	202.0662	3.11184	NA
-16MR02 Spot 314	209.9167	6725.444	3.793446	19.37958	2.564083	0.227836	2.747982	0.032037	0.988374	0.359673	203.286	1.977877	208.4109	5.177618	266.7346	58.8358	203.286	1.977877	NA
-16MR02 Spot 244	139.0848	8408.111	2.963748	19.46447	1.255196	0.226981	1.670149	0.032057	1.101763	0.659679	203.4081	2.206087	207.7034	3.137171	256.7423	28.86412	203.4081	2.206087	NA
-16MR02 Spot 306	499.0996	25479.57	3.407485	19.25495	1.367456	0.23048	1.749981	0.032201	1.092015	0.624016	204.3065	2.196074	210.5952	3.328312	281.5626	31.29443	204.3065	2.196074	NA
-16MR02 Spot 248	421.5747	22542.83	3.238402	19.67616	0.693328	0.227416	1.244187	0.032468	1.033101	0.830342	205.9733	2.094276	208.0634	2.3407	231.7787	16.01887	205.9733	2.094276	NA
-16MR02 Spot 272	249.1981	190275.8	5.729145	20.38619	1.160556	0.219897	1.627852	0.032527	1.141496	0.701228	206.344	2.318109	201.8239	2.97949	149.3425	27.18945	206.344	2.318109	NA
-16MR02 Spot 162	370.9972	18407.3	1.344295	19.04164	1.102633	0.235664	1.599819	0.03256	1.159146	0.724548	206.5509	2.356277	214.8636	3.098096	306.9703	25.09374	206.5509	2.356277	NA
-16MR02 Spot 299	383.9486	76726	1.694399	19.24823	0.907472	0.23329	1.544357	0.032582	1.249613	0.809148	206.6863	2.541813	212.9108	2.966262	282.3596	20.77222	206.6863	2.541813	NA
-16MR02 Spot 132	102.8738	963144.1	3.592898	19.82315	1.408198	0.227587	1.887651	0.032735	1.257062	0.66594	207.6408	2.568584	208.2047	3.553435	214.5848	32.62	207.6408	2.568584	NA
-16MR02 Spot 303	134.6062	4310.23	3.664811	19.12062	2.515597	0.235965	2.656494	0.032737	0.853659	0.321348	207.655	1.74442	215.1112	5.149729	297.5266	57.38757	207.655	1.74442	NA
-16MR02 Spot 283	99.36901	13611.27	3.773873	19.99825	1.516469	0.228627	1.757255	0.033175	0.887844	0.505245	210.3873	1.83776	209.0647	3.320274	194.2078	35.23348	210.3873	1.83776	NA

-16MR02 Spot 89	393.4779	34943.3	2.116958	18.62647	1.080064	0.24607	1.592766	0.033256	1.170626	0.734964	210.8972	2.42887	223.3784	3.193735	356.9402	24.37229	210.8972	2.42887	NA	
-16MR02 Spot 79	79.81723	2735.744	3.229564	18.87668	1.983386	0.243298	2.242052	0.033324	1.045455	0.466294	211.3164	2.173401	221.1178	4.454944	326.7612	45.00079	211.3164	2.173401	NA	
-16MR02 Spot 203	221.0414	69127.64	3.482716	19.59781	1.312487	0.234642	1.78905	0.033366	1.215762	0.679558	211.5793	2.530547	214.0237	3.452384	241.0036	30.23791	211.5793	2.530547	NA	
-16MR02 Spot 87	247.7777	8898.161	2.237023	20.07303	0.993554	0.229164	1.576012	0.033377	1.223382	0.776252	211.6494	2.547236	209.5085	2.983511	185.4778	23.13438	211.6494	2.547236	NA	
-16MR02 Spot 245	93.17308	6272.684	2.626514	19.71201	1.751774	0.234509	2.031425	0.033541	1.028579	0.506334	212.6736	2.151824	213.9144	3.918309	227.6113	40.47979	212.6736	2.151824	NA	
-16MR02 Spot 50	1253.24	7508.884	1.998633	15.31822	4.354429	0.303645	4.74069	0.033749	1.874324	0.395369	213.97	3.944663	269.2432	11.21233	782.4951	91.53399	213.97	3.944663	NA	
-16MR02 Spot 94	200.6424	5800.502	1.867853	20.88122	1.320737	0.224919	2.005104	0.034078	1.508674	0.752417	216.0185	3.205015	205.9955	3.738415	92.82369	31.26777	216.0185	3.205015	NA	
-16MR02 Spot 240	515.7467	51363.34	3.599817	19.92419	0.88502	0.236742	1.520996	0.034225	1.237	0.813283	216.9373	2.638863	215.7492	2.956348	202.8111	20.55974	216.9373	2.638863	NA	
-16MR02 Spot 285	85.16329	10192.24	3.084494	20.10755	1.317239	0.23506	1.69022	0.034295	1.059115	0.626614	217.3703	2.26382	214.3668	3.266363	181.4765	30.68779	217.3703	2.26382	NA	
-16MR02 Spot 295	170.1117	9917.386	2.954001	19.46488	1.319101	0.249159	1.633831	0.03519	0.964041	0.59005	222.9472	2.112561	225.8925	3.309	256.6707	30.33228	222.9472	2.112561	NA	
-16MR02 Spot 95	47.9937	2735.408	4.643709	20.5423	2.484948	0.241804	2.878017	0.036041	1.4519	0.504479	228.2477	3.255948	219.8962	5.690331	131.4266	58.46911	228.2477	3.255948	NA	
-16MR02 Spot 80	688.0707	90406.11	1.990101	19.21328	0.878482	0.29258	1.326173	0.040788	0.993481	0.749134	257.7167	2.509862	260.5884	3.048029	286.5169	20.07287	257.7167	2.509862	NA	
-16MR02 Spot 247	120.7862	7437.606	1.775854	20.08991	2.31541	0.282116	2.525378	0.041124	1.008172	0.399216	259.7951	2.567106	252.3346	5.642363	183.5202	53.92344	259.7951	2.567106	NA	
-16MR02 Spot 301	146.3596	8402.521	4.286317	19.46894	1.25116	0.34203	1.674685	0.048316	1.113178	0.664709	304.1763	3.307382	298.7085	4.333783	256.2055	28.75369	304.1763	3.307382	NA	
-16MR02 Spot 239	235.3187	28246.97	3.356382	19.35058	1.364927	0.348061	2.283509	0.048869	1.830679	0.801696	307.5769	5.49853	303.2619	5.986648	270.1697	31.27942	307.5769	5.49853	NA	
-16MR02 Spot 202	160.6305	12894.62	1.809913	17.2138	1.162852	0.391509	1.399093	0.0489	0.777968	0.556052	307.7632	2.338045	335.4715	3.997005	532.3368	25.48832	307.7632	2.338045	NA	
-16MR02 Spot 292	1064.548	75117.47	1.879752	16.75056	0.672467	0.41781	1.281212	0.05078	1.090546	0.851184	319.3111	3.3974	354.4841	3.833663	591.7364	14.5617	319.3111	3.3974	NA	
-16MR02 Spot 170	112.0071	26792.42	1.683764	17.98375	0.92699	0.396943	1.312261	0.051796	0.928825	0.707806	325.5385	2.948607	339.4286	3.786181	435.6709	20.65747	325.5385	2.948607	NA	
-16MR02 Spot 173	96.6048	20726.82	2.662497	19.13566	1.307739	0.374476	1.903671	0.051994	1.383395	0.726699	326.7534	4.40764	322.9655	5.266383	295.7506	29.87105	326.7534	4.40764	NA	
-16MR02 Spot 85	276.6501	16937.19	1.360806	18.99727	0.860041	0.383294	1.440133	0.052834	1.155124	0.802096	331.8953	3.736784	329.4589	4.051839	312.2606	19.56542	331.8953	3.736784	NA	
-16MR02 Spot 278	493.3284	33334.66	1.833666	18.78804	0.989088	0.392703	1.591381	0.053534	1.246676	0.783392	336.1845	4.083721	336.3418	4.556302	337.4078	22.38698	336.1845	4.083721	NA	
-16MR02 Spot 144	203.061	49496.87	1.663835	18.59564	1.165932	0.399694	1.561404	0.05393	1.038549	0.665138	338.6018	3.425787	341.4265	4.527337	360.6795	26.28536	338.6018	3.425787	NA	
-16MR02 Spot 298	340.3412	53821.47	2.766333	18.21517	0.969054	0.408729	1.37664	0.05402	0.97779	0.710272	339.1561	3.230508	347.9592	4.05565	407.1287	21.68549	339.1561	3.230508	NA	
-16MR02 Spot 33	131.9184	16522.44	3.933416	19.08507	1.263819	0.395207	1.718432	0.054728	1.164376	0.67758	343.4807	3.894725	338.1656	4.942554	301.798	28.83709	343.4807	3.894725	NA	
-16MR02 Spot 277	1088.715	208254.3	1.16023	18.56772	0.615184	0.40735	1.236899	0.05488	1.073065	0.867544	344.4128	3.598783	346.9652	3.63523	364.0671	13.85924	344.4128	3.598783	NA	
-16MR02 Spot 313	364.6182	42119.78	3.776043	18.63796	1.129029	0.408343	1.509246	0.055222	1.001558	0.663615	346.5016	3.378793	347.6813	4.443339	355.555	25.4751	346.5016	3.378793	NA	
-16MR02 Spot 2	388.4722	58123.6	2.542691	18.90871	0.772392	0.404153	1.243218	0.055449	0.974168	0.783585	347.89	3.299209	344.6555	3.633375	322.8844	17.54476	347.89	3.299209	NA	
-16MR02 Spot 47	583.5264	83593.72	1.719167	18.88247	0.714827	0.406308	1.139539	0.055668	0.887453	0.778782	349.2237	3.016744	346.2131	3.342996	326.0384	16.23601	349.2237	3.016744	NA	
-16MR02 Spot 241	192.2921	14799.3	1.487994	17.38209	1.80105	0.443528	2.264214	0.055938	1.372182	0.60603	350.8779	4.685997	372.737	7.06399	510.9916	39.5952	350.8779	4.685997	NA	
-16MR02 Spot 224	462.6232	24450.88	10.25243	18.61335	0.883034	0.414447	1.409891	0.055973	1.09911	0.779571	351.0904	3.755668	352.0722	4.194689	358.5299	19.93097	351.0904	3.755668	NA	
-16MR02 Spot 280	832.2948	288837.6	1.972823	18.34822	0.727253	0.426246	1.409903	0.056747	1.207862	0.856698	355.8114	4.181256	360.5076	4.278463	390.8181	16.32146	355.8114	4.181256	NA	
-16MR02 Spot 69	493.0564	72005.86	2.199952	18.52752	0.711322	0.42226	1.357095	0.056766	1.155737	0.851626	355.925	4.002058	357.6657	4.09113	368.9533	16.00995	355.925	4.002058	NA	
-16MR02 Spot 99	293.0887	33867.3	5.544241	18.54567	0.773501	0.422107	1.110641	0.056801	0.797008	0.71761	356.1385	2.761469	357.5562	3.347305	366.7462	17.42303	356.1385	2.761469	NA	
-16MR02 Spot 221	182.5754	25077.73	2.148117	18.50328	0.904872	0.42371	1.291703	0.056886	0.921794	0.713627	356.6596	3.198374	358.7004	3.903391	371.9022	20.35957	356.6596	3.198374	NA	
-16MR02 Spot 253	222.5792	12542.85	2.458493	18.32665	0.878708	0.432029	1.308422	0.057449	0.969454	0.740934	360.0937	3.395232	364.6161	4.008122	393.4584	19.71102	360.0937	3.395232	NA	
-16MR02 Spot 86	1100.6	113639.4	2.790721	18.5793	0.571339	0.432233	1.271718	0.058269	1.136151	0.893398	365.0878	4.032677	364.761	3.896972	362.6623	12.87728	365.0878	4.032677	NA	
-16MR02 Spot 276	243.496	48717.79	1.687311	18.07355	1.050839	0.445923	1.477725	0.058478	1.038946	0.703071	366.3612	3.700157	374.4201	4.627443	424.5697	23.44497	366.3612	3.700157	NA	
-16MR02 Spot 7	898.4278	224672.5	4.111627	18.55355	0.683812	0.4359	1.208826	0.058682	0.996826	0.824623	367.6024	3.561837	367.3572	3.726133	365.789	15.39226	367.6024	3.561837	NA	
-16MR02 Spot 64	467.0015	51465.74	1.725662	17.86542	0.561179	0.453635	1.116031	0.058804	0.964678	0.864383	368.348	3.45376	379.8213	3.53638	450.3519	12.48551	368.348	3.45376	NA	
-16MR02 Spot 243	723.5928	61423.47	2.087169	18.69104	0.799752	0.434534	1.365702	0.058931	1.107041	0.810602	369.1221	3.971541	366.3909	4.200503	349.1615	18.06576	369.1221	3.971541	NA	
-16MR02 Spot 262	428.3463	18976.42	1.185397	16.90834	0.788122	0.481404	1.404939	0.059061	1.163064	0.82784	369.9107	4.181188	399.0358	4.635821	571.4023	17.1466	369.9107	4.181188	NA	
-16MR02 Spot 205	381.5065	325620.9	2.220862	18.7829	0.854819	0.433665	1.595801	0.059102	1.34754	0.844429	370.1639	4.847598	365.7755	4.901381	338.0277	19.36398	370.1639	4.847598	NA	
-16MR02 Spot 58	204.8414	8572.12	2.568769	18.00164	1.115935	0.456351	1.432943	0.059607	0.898897	0.627308	373.2365	3.259734	381.7172	4.559266	433.4571	24.8802	373.2365	3.259734	NA	
-16MR02 Spot 148	916.8131	71502.37	1.824069	18.7748	0.751606	0.439496	1.334	0.059871	1.102109	0.826169	374.842	4.013356	369.8969	4.135543	339.0486	17.00129	374.842	4.013356	NA	
-16MR02 Spot 122	334.3805	18991.61	1.854963	18.34597	0.858396	0.453435	1.341084	0.060359	1.03037	0.768311	377.8097	3.780959	379.682	4.248228	391.0938	19.26347	377.8097	3.780959	NA	
-16MR02 Spot 171	622.9643	78926.11	1.850108	18.4293	0.578797	0.46307	1.196811	0.061922	1.047545	0.87528	387.3022	3.937691	386.3909	3.846263	380.9157	13.01209	387.3022	3.937691	NA	
-16MR02 Spot 268	158.4768	21674.27	5.113875	18.52209	1.141471	0.463631	1.595659	0.062309	1.114977	0.698756	389.6519	4.215833	386.78	5.132331	369.6142	25.71353	389.6519	4.215833	NA	
-16MR02 Spot 167	261.3196	24382.7	2.424871	17.72458	0.678742	0.498927	1.04356	0.064165	0.792671	0.759583	400.9077	3.081078	410.9757	3.527001	467.9341	15.05139	400.9077	3.081078	85.6761	
-16MR02 Spot 103	243.273	65327.14	2.064747	18.24554	0.712283	0.494424	1.332484	0.065455	1.126128	0.845135	408.7161	4.459796	407.9208	4.476311	403.399	15.9503	408.7161	4.459796	101.3181	
-16MR02 Spot 193	628.5443	67236.79	1.409568	18.03033	0.731012	0.505038	1.479204	0.066072	1.28595	0.869352	412.4456	5.137734	415.1072	5.040091	429.9069	16.29441	412.4456	5.137734	95.93835	
-16MR02 Spot 219	51.37601	9907.5	3.056939	18.03693	1.504209	0.507577	2.069992	0.066428	1.422048	0.686983	414.6008	5.710232	416.8188	7.076659	429.0918	33.55482	414.6008	5.710232	96.62289	
-16MR02 Spot 254	604.3402	49576.73	1.703898	18.11259	0.713842	0.51533	1.3981	0.067726	1.202128	0.85983	422.4398	4.915453	422.0273	4.827805	419.752	15.93913	422.4398	4.915453	100.6403	
-16MR02 Spot 100	324.3706	20128.53	2.978406	17.92975	1.068521	0.521377	1.506512	0.067829	1.061999	0.704939	423.061	4.348647	426.0705	5.242291	442.3619	23.76581	423.061	4.348647	95.63686	
-16MR02 Spot 6	634.2895	281249.7	1.269961	17.86278	0.741418	0.523876	1.159542	0.067899	0.891537	0.76887	423.487	3.654203	427.7372	4.047601	450.6798	16.47345	423.487	3.654203	93.96628	
-16MR02 Spot 45	257.5321	43315.56	0.997736	18.09431	0.944451	0.521355	1.487225	0.068448	1.148847	0.772477	426.8007	4.744496	426.0559	5.175033	422.0061	21.08098	426.8007	4.744496	101.1361	
-16MR02 Spot 107	596.666	134465.9	2.87017	17.55435	0.675315	0.538969	1.147947	0.068649	0.928296	0.808657	428.0134	3.844199	437.7448	4.082144	489.2638	14.88153	428.0134	3.844199	87.4811	
-16MR02 Spot 198	539.7842	25580.14	54.72912	17.29215	1.384483	0.549675	1.757526	0.068967	1.082637	0.616001	429.9303	4.502763	444.7834	6.32998	522.3402	30.35453	429.9303	4.502763	82.30848	
-16MR02 Spot 0	425.9348	68269.47	0.930998	17.61158	0.707199	0.544717	1.250768	0.069608	1.031645	0.824809	433.7916	4.327939	441.5301	4.478492	482.091	15.60108	433.7916	4.327939	89.98126	
-16MR02 Spot 311	183.0822	12335.43	3.066394	18.37958	0.776803	0.52208	1.276895	0.069624	1.013429	0.793667	433.8915	4.252468	426.54	4.447209	386.9849	17.44513	433.8915	4.252468	112.121	
-16MR02 Spot 252	335.8498	82464.03	2.986826	18.01379	0.941523	0.534875	1.652985	0.069911	1.358636	0.821929	435.6194	5.722942	435.0401	5.84902	431.954	20.97887	435.6194	5.722942	100.8486	
-16MR02 Spot 44	348.2026	51844.56	1.426793	18.08996	0.833666	0.539249	1.195611	0.070781	0.857022	0.716807	440.8572	3.651945	437.9292	4.253072	422.5428	18.6053	440.8572	3.651945	104.3343	
-16MR02 Spot 237	388.6096	126427.4	2.997064	17.88264	0.915556	0.551949	1.302097	0.071617	0.925859	0.711052	445.8924	3.988794	446.2726	4.702167	448.2116	20.34259	445.8924	3.988794	99.48257	
-16MR02 Spot 257	585.0796	95944.22	1.074881	17.9633	0.595044	0.557452	1.164541	0.072658	1.001039	0.859599	452.1472	4.371084	449.8665	4.232334	438.2035	13.24384	452.1472	4.371084	103.182	
-16MR02 Spot 286	179.3526	6741.515	1.857	13.87282	3.762928	0.743152	3.880349	0.074805	0.947356	0.244142	465.0388	4.25042	564.243	16.79897	987.3902	76.61063	465.0388	4.25042	47.09777	
-16MR02 Spot 182	333.8512	33348.17	2.695449	17.84629	0.735057	0.580779	1.197399	0.075205	0.945228	0.789401	467.4382	4.261971	464.9622	4.466956	452.7305	16.31935	467.4382	4.261971	103.2487	
-16MR02 Spot 234	460.2894	72113.43	1.853837	17.00476	0.679654	0.709452	1.285937	0.087535	1.091653	0.848916	540.9415	5.664228	544.4207	5.419009	559.0321	14.80238	540.9415	5.664228	96.76394	
-16MR02 Spot 29	53.16384	141346.4	0.896035	16.19304	1.245119	0.768678	1.631129	0.090315	1.053689	0.645988	557.4005	5.626511	579.0041	7.198152	664.6809	26.66122	557.4005	5.626511	83.85986	
-16MR02 Spot 24	272.9879	131722.3	1.290846	16.57394	0.794652	0.763752	1.22279	0.091847	0.929378	0.760047	566.4526	5.039817	576.1726	5.376515	614.6747	17.16756	566.4526	5.039817	92.15486	
-16MR02 Spot 48	311.3073	15447.04	1.980173	16.7936	0.918736	0.764937	1.477161	0.093209	1.156689	0.783049	574.4869	6.357539	576.8543	6.5007	586.1867	19.91717	574.4869	6.357539	98.00408	
-16MR02 Spot 151	194.2175	53567.25	1.337833	16.12991	1.065158	0.816618	1.527309	0.095574	1.094582	0.716674	588.4171	6.155505	606.1597	6.971382	673.0691	22.80469	588.4171	6.155505	87.42298	
-16MR02 Spot 187	407.1261	63308.23	0.916444	16.07867	0.809643	0.841955	1.479652	0.098226	1.238486	0.837012	604.0046	7.140763	620.2239	6.867616	679.8428	17.29895	604.0046	7.140763	88.84475	
-16MR02 Spot 119	152.5942	23983.95	1.83285	16.61135	0.755139	0.818015	1.357268	0.098595	1.127804	0.830937	606.1686	6.524816	606.9406	6.201042	609.8029	16.32153	606.1686	6.524816	99.40402	
-16MR02 Spot 181	166.0262	47179.8	4.074157	16.08802	0.835754	0.857942	1.361946	0.100149	1.075365	0.78958	615.2843	6.310605	628.9989	6.385888	678.6011	17.87811	615.2843	6.310605	90.6695	
-16MR02 Spot 25	89.93002	9658.346	1.558678	16.48459	1.343361	0.8418	1.759373	0.100687	1.136122	0.645754	618.4361	6.699684	620.1387	8.165141	626.3362	28.96204	618.4361	6.699684	98.73868	
-16MR02 Spot 168	113.7141	19934.4	0.948632	16.11238	1.045956	0.895333	1.605876	0.104672	1.218529	0.758794	641.7325	7.443082	649.2303	7.702811	675.3813	22.37788	641.7325	7.443082	95.0178	
-16MR02 Spot 304	394.0307	667270.4	8.464695	16.07351	0.729086	0.905536	1.365983	0.10561	1.155138	0.845646	647.2006	7.113023	654.6816	6.591279	680.5287	15.58833	647.2006	7.113023	95.10261	
-16MR02 Spot 145	512.1181	78910.7	0.68811	16.5162	0.600278	0.889741	1.012926	0.106626	0.815895	0.805484	653.121	5.067731	646.2301	4.842529	622.2066	12.96953	653.121	5.067731	104.9685	
-16MR02 Spot 30	133.9821	14541.24	1.881775	15.91114	0.830178	0.944335	1.4128	0.109022	1.143158	0.809143	667.0668	7.244349	675.1484	6.967427	702.2208	17.65131	667.0668	7.244349	94.99388	
-16MR02 Spot 263	39.58222	5586.332	0.614581	15.09077	1.219033	1.199261	1.590201	0.131314	1.021125	0.642136	795.36	7.640586	800.2449	8.805004	813.8885	25.50594	795.36	7.640586	97.72346	
-16MR02 Spot 163	419.9784	133303.6	4.288407	14.50698	0.602782	1.429872	1.555779	0.150509	1.43426	0.921892	903.8149	12.09535	901.4963	9.296162	895.7992	12.43736	903.8149	12.09535	100.8948	
-16MR02 Spot 53	305.4033	21352.18	1.4674	14.22821	0.612929	1.539573	1.143433	0.158942	0.965275	0.844191	950.8942	8.533879	946.333	7.038613	935.7173	12.55311	935.7173	12.55311	101.6219	
-16MR02 Spot 294	85.4183	46355.64	2.457818	14.15329	0.969505	1.485939	1.379192	0.152597	0.980934	0.711238	915.5049	8.371959	924.6592	8.370959	946.5771	19.84521	946.5771	19.84521	96.71742	
-16MR02 Spot 270	243.9615	164667.9	2.454126	13.99876	0.711317	1.561257	1.421268	0.158581	1.23046	0.865748	948.8872	10.85704	954.9658	8.797071	969.0095	14.52068	969.0095	14.52068	97.92342	
-16MR02 Spot 307	62.5877	64139.98	3.040603	13.98342	1.006167	1.545349	1.375588	0.156793	0.938014	0.681901	938.932	8.195958	948.6397	8.480229	971.2518	20.52246	971.2518	20.52246	96.67236	
-16MR02 Spot 228	542.0109	68036.1	13.46191	13.82624	0.591042	1.42142	1.299521	0.142598	1.157335	0.890586	859.3387	9.311045	897.9583	7.745936	994.241	12.00515	994.241	12.00515	86.43163	
-16MR02 Spot 17	103.3592	51222.28	1.276842	13.79747	0.758923	1.692024	0.980675	0.169392	0.621096	0.633335	1008.762	5.799762	1005.527	6.258757	998.4647	15.39956	998.4647	15.39956	101.0313	
-16MR02 Spot 159	141.5455	24091.05	4.002288	13.73682	0.955265	1.659412	1.425899	0.165397	1.05861	0.742416	986.7012	9.685206	993.1514	9.034388	1007.407	19.3588	1007.407	19.3588	97.94469	
-16MR02 Spot 293	875.8407	912369.3	4.031945	13.73114	0.672796	1.672068	1.282682	0.16659	1.092071	0.851397	993.2943	10.05309	997.9719	8.150134	1008.246	13.64688	1008.246	13.64688	98.51706	
-16MR02 Spot 180	467.7311	118135.4	19.39662	13.71283	0.827629	1.672574	1.433891	0.166418	1.170929	0.816609	992.3448	10.76949	998.1643	9.111992	1010.951	16.77351	1010.951	16.77351	98.15951	
-16MR02 Spot 118	323.6383	155122	4.936029	13.65227	0.809791	1.699032	1.386341	0.168304	1.125247	0.811667	1002.76	10.44973	1008.167	8.861447	1019.918	16.39662	1019.918	16.39662	98.31769	
-16MR02 Spot 269	195.6666	60894.15	4.073936	13.59252	0.624646	1.80821	1.016053	0.178335	0.801362	0.788701	1057.872	7.818348	1048.431	6.643115	1028.793	12.62992	1028.793	12.62992	102.8265	
-16MR02 Spot 128	618.6641	102571.9	5.112604	13.55674	0.712596	1.764678	1.425987	0.173584	1.23517	0.866186	1031.825	11.77714	1032.568	9.242263	1034.121	14.41607	1034.121	14.41607	99.77801	
-16MR02 Spot 207	129.6651	104223.7	2.43928	13.50458	0.680881	1.742824	1.187301	0.170774	0.972669	0.819227	1016.376	9.146039	1024.509	7.660458	1041.903	13.7595	1041.903	13.7595	97.54992	
-16MR02 Spot 11	205.092	752340.7	3.91904	13.50254	0.626846	1.686093	1.19678	0.16519	1.019483	0.851855	985.5567	9.317221	1003.287	7.628038	1042.208	12.66805	1042.208	12.66805	94.56427	
-16MR02 Spot 152	328.1391	7771686	3.554481	13.49859	0.648829	1.775338	1.282592	0.173883	1.106374	0.862608	1033.471	10.5646	1036.475	8.330927	1042.837	13.10997	1042.837	13.10997	99.1019	
-16MR02 Spot 126	306.6325	65996.21	3.565994	13.4931	0.613114	1.817012	1.231599	0.177892	1.068142	0.86728	1055.45	10.39918	1051.609	8.066357	1043.66	12.38808	1043.66	12.38808	101.1297	
-16MR02 Spot 251	117.8063	32038.61	4.835239	13.42606	0.795396	1.778092	1.141611	0.173217	0.818914	0.717332	1029.812	7.79415	1037.482	7.419304	1053.7	16.04091	1053.7	16.04091	97.7329	
-16MR02 Spot 76	209.9146	137076.6	3.705877	13.30598	0.644032	1.885208	1.190704	0.182009	1.001499	0.841098	1077.943	9.941272	1075.897	7.899958	1071.773	12.93266	1071.773	12.93266	100.5757	
-16MR02 Spot 77	161.5017	149455.4	0.756342	13.25195	0.721307	1.813793	1.152653	0.174404	0.899069	0.78	1036.328	8.60695	1050.448	7.544526	1079.939	14.45339	1079.939	14.45339	95.9617	
-16MR02 Spot 191	138.8387	37123.53	1.727423	13.13847	0.707015	1.957069	1.15714	0.186569	0.916026	0.791629	1102.76	9.284791	1100.877	7.776231	1097.15	14.14133	1097.15	14.14133	100.5113	
-16MR02 Spot 216	173.1697	31652.28	2.088523	13.10487	0.712607	1.863983	1.3918	0.17724	1.195533	0.858983	1051.88	11.60319	1068.4	9.19793	1102.28	14.27043	1102.28	14.27043	95.42772	
-16MR02 Spot 38	623.0117	326149.2	33.41908	12.9663	0.610975	2.075592	1.201468	0.195275	1.034522	0.861048	1149.885	10.89523	1140.78	8.23313	1123.503	12.19925	1123.503	12.19925	102.3482	
-16MR02 Spot 227	43.30633	24760.01	1.318763	12.94694	0.890834	1.950516	1.492142	0.183233	1.197039	0.802228	1084.614	11.94981	1098.624	10.01626	1126.462	17.76209	1126.462	17.76209	96.28506	
-16MR02 Spot 101	79.09085	57387.17	1.363729	12.63959	0.74159	2.169905	1.077906	0.199004	0.782256	0.725718	1169.966	8.369664	1171.449	7.492263	1174.209	14.67912	1174.209	14.67912	99.63865	

-16MR02 Spot 49	52.16216	27683.6	1.243328	12.5768	1.147849	1.948158	1.765342	0.17778	1.341222	0.759752	1054.833	13.05081	1097.812	11.84546	1184.056	22.69424	1184.056	22.69424	89.08638
-16MR02 Spot 196	77.29438	17909.67	1.006664	12.56932	0.797706	2.157655	1.277536	0.19678	0.99788	0.781097	1158.001	10.57704	1167.518	8.864037	1185.231	15.74247	1185.231	15.74247	97.70256
-16MR02 Spot 19	418.0661	621012.6	8.253992	12.43116	0.555376	2.323384	1.190653	0.209566	1.053192	0.88455	1226.504	11.76297	1219.458	8.452122	1207.014	10.93873	1207.014	10.93873	101.6147
-16MR02 Spot 127	241.5265	327994.3	3.936592	12.34314	0.600985	2.380762	1.277619	0.213221	1.127444	0.882457	1245.954	12.7733	1236.839	9.135756	1220.974	11.81159	1220.974	11.81159	102.0459
-16MR02 Spot 178	287.7634	338424.5	2.21141	12.20496	0.794165	2.336681	1.546526	0.20693	1.327043	0.85808	1212.441	14.66714	1223.513	10.99737	1243.103	15.53988	1243.103	15.53988	97.53346
-16MR02 Spot 36	34.94581	21408.06	1.771359	12.10348	1.206203	2.184886	1.503725	0.191879	0.897922	0.597132	1131.544	9.318625	1176.237	10.47487	1259.405	23.55946	1259.405	23.55946	89.84752
-16MR02 Spot 223	247.9633	307088.2	4.042374	12.06012	0.573326	2.433077	1.087258	0.21291	0.923812	0.849671	1244.301	10.45367	1252.431	7.824265	1266.414	11.17793	1266.414	11.17793	98.25384
-16MR02 Spot 146	173.453	91925.48	1.342574	11.96655	0.584577	2.379635	1.315916	0.206618	1.178942	0.89591	1210.772	13.01394	1236.501	9.4083	1281.609	11.39033	1281.609	11.39033	94.47286
-16MR02 Spot 188	360.1078	222124.9	1.833259	11.67151	0.621469	2.741503	1.321142	0.232169	1.165844	0.882452	1345.855	14.16096	1339.785	9.829592	1330.084	12.02685	1330.084	12.02685	101.1857
-16MR02 Spot 125	117.611	48145.59	3.082916	11.61699	0.849897	2.634781	1.143458	0.222088	0.764966	0.668993	1292.901	8.961564	1310.401	8.416402	1339.141	16.42647	1339.141	16.42647	96.54703
-16MR02 Spot 139	106.643	77029.1	1.862882	11.61543	0.789888	2.838717	1.412739	0.239246	1.171285	0.829088	1382.778	14.57704	1365.83	10.60825	1339.399	15.2663	1339.399	15.2663	103.2387
-16MR02 Spot 208	350.0259	90450.79	3.051939	11.43695	0.709659	2.325243	1.140343	0.19296	0.892618	0.782762	1137.388	9.307322	1220.026	8.096916	1369.264	13.65896	1369.264	13.65896	83.06567
-16MR02 Spot 238	228.8802	178821.1	2.292148	11.41282	0.613881	2.78378	1.111606	0.230524	0.926724	0.833681	1337.243	11.19166	1351.194	8.304232	1373.329	11.80913	1373.329	11.80913	97.37241
-16MR02 Spot 131	161.4752	41710	2.858299	11.23428	0.668158	2.874927	1.181293	0.234347	0.974175	0.824669	1357.243	11.9228	1375.364	8.899423	1403.592	12.79875	1403.592	12.79875	96.69779
-16MR02 Spot 15	300.4255	111703.4	1.549308	11.20808	0.611392	2.839432	1.265948	0.230914	1.108524	0.875647	1339.288	13.4056	1366.02	9.506552	1408.065	11.70423	1408.065	11.70423	95.11549
-16MR02 Spot 51	199.0476	70676.69	1.592626	11.17796	0.709872	3.018779	1.244687	0.24484	1.022413	0.821422	1411.808	12.96324	1412.376	9.493797	1413.213	13.58002	1413.213	13.58002	99.90059
-16MR02 Spot 232	286.0613	133892	2.585966	11.03083	0.622491	2.940203	1.306283	0.235328	1.148424	0.879155	1362.362	14.10303	1392.326	9.897819	1438.517	11.86762	1438.517	11.86762	94.706
-16MR02 Spot 266	135.871	155125.7	1.975975	11.02969	0.579681	2.981251	1.158297	0.238589	1.002807	0.86576	1379.356	12.45256	1402.849	8.807237	1438.714	11.05115	1438.714	11.05115	95.87424
-16MR02 Spot 111	359.4251	107786.8	13.20646	10.95299	1.071645	2.705058	1.491111	0.214979	1.036817	0.695332	1255.292	11.82629	1329.846	11.05449	1452.006	20.39381	1452.006	20.39381	86.45222
-16MR02 Spot 41	335.6596	2761484	0.675581	10.89176	0.531842	3.03148	0.914836	0.239575	0.744358	0.813652	1384.485	9.274026	1415.58	6.985058	1462.666	10.10642	1462.666	10.10642	94.65491
-16MR02 Spot 175	150.7176	26194.58	1.360805	10.80145	0.716236	3.188185	1.170186	0.249869	0.925387	0.790803	1437.802	11.92589	1454.3	9.045115	1478.472	13.58163	1478.472	13.58163	97.24922
-16MR02 Spot 23	200.4817	216604.8	2.601807	10.70952	0.636892	3.247384	1.137873	0.252343	0.942934	0.828681	1450.548	12.24808	1468.552	8.833784	1494.662	12.05089	1494.662	12.05089	97.04855
-16MR02 Spot 142	112.7101	150259.2	1.606127	10.55484	0.604538	3.351531	1.320665	0.256674	1.174176	0.88908	1472.805	15.46009	1493.149	10.32854	1522.136	11.39543	1522.136	11.39543	96.75909
-16MR02 Spot 135	217.2132	112821	1.074216	10.55271	0.710033	3.356061	1.110491	0.25697	0.853841	0.768886	1474.319	11.25259	1494.205	8.687436	1522.516	13.38364	1522.516	13.38364	96.8344
-16MR02 Spot 10	78.85912	38740.87	1.030946	10.22428	0.778028	3.143291	1.303672	0.233187	1.046056	0.802392	1351.182	12.75116	1443.357	10.04272	1581.883	14.55137	1581.883	14.55137	85.41611
-16MR02 Spot 37	260.6889	48119.91	1.559758	10.20218	0.83455	3.702229	1.389183	0.274059	1.110566	0.799438	1561.372	15.39989	1571.85	11.10622	1585.93	15.60042	1585.93	15.60042	98.4515
-16MR02 Spot 75	28.22166	77494.18	0.747699	10.0705	0.915996	3.825671	1.741557	0.279542	1.481206	0.850507	1589.053	20.86061	1598.162	14.0199	1610.177	17.0692	1610.177	17.0692	98.68808
-16MR02 Spot 289	126.2535	46275	1.222439	10.01442	0.702288	4.139051	1.256214	0.300756	1.041569	0.829133	1695.057	15.52479	1662.048	10.27369	1620.576	13.06876	1620.576	13.06876	104.5959
-16MR02 Spot 133	112.7268	89403.05	1.468507	9.982727	0.726923	4.026837	1.308187	0.291676	1.087629	0.831402	1649.9	15.83241	1639.631	10.64106	1626.471	13.51697	1626.471	13.51697	101.4405
-16MR02 Spot 287	75.06245	32787.51	2.893905	9.952168	0.712502	3.88207	1.104991	0.28033	0.844598	0.764348	1593.022	11.92109	1609.96	8.921939	1632.17	13.23908	1632.17	13.23908	97.60145
-16MR02 Spot 204	253.7621	123814.3	0.761346	9.801743	0.609516	4.016512	0.872731	0.285654	0.62462	0.715707	1619.774	8.946447	1637.544	7.095203	1660.421	11.28418	1660.421	11.28418	97.55199
-16MR02 Spot 34	469.5308	83103.31	2.721682	9.468122	0.499394	4.505152	1.19516	0.3095	1.085824	0.908518	1738.247	16.54375	1731.923	9.931386	1724.275	9.17236	1724.275	9.17236	100.8103
-16MR02 Spot 242	171.2405	101062.3	2.228843	9.449566	0.790033	4.449862	1.227095	0.305103	0.938941	0.765174	1716.563	14.15007	1721.674	10.17381	1727.878	14.50232	1727.878	14.50232	99.34516
-16MR02 Spot 62	361.3843	195430.4	2.998206	9.399359	0.800504	3.534393	1.872602	0.241047	1.692876	0.904024	1392.135	21.19619	1534.946	14.82183	1737.652	14.67661	1737.652	14.67661	80.1159
-16MR02 Spot 63	307.1547	528715.3	3.697427	9.378882	0.645466	4.593256	1.262936	0.312579	1.085533	0.859531	1753.384	16.66465	1748.044	10.53132	1741.65	11.82781	1741.65	11.82781	100.6738
-16MR02 Spot 46	176.2304	260500.1	2.099513	9.226706	0.52557	4.686223	1.048974	0.313731	0.907812	0.865429	1759.04	13.97545	1764.783	8.778181	1771.57	9.594554	1771.57	9.594554	99.29271
-16MR02 Spot 138	207.3451	89316.61	1.733549	9.095322	0.807733	4.599929	1.406702	0.303569	1.151685	0.818713	1708.981	17.28924	1749.255	11.73329	1797.711	14.70112	1797.711	14.70112	95.06425
-16MR02 Spot 291	204.7367	63350.46	4.466479	9.024895	0.652231	4.988623	1.348719	0.326671	1.180524	0.875293	1822.226	18.73879	1817.395	11.40836	1811.847	11.8484	1811.847	11.8484	100.5729
-16MR02 Spot 199	176.5422	125965.4	2.36996	8.945822	0.633656	4.994813	1.238777	0.324211	1.064448	0.859273	1810.259	16.80017	1818.444	10.4805	1827.816	11.48853	1827.816	11.48853	99.03946
-16MR02 Spot 93	129.7863	66406.05	1.297278	8.931277	0.669582	5.050441	0.977763	0.327288	0.712517	0.728722	1825.225	11.32608	1827.823	8.287347	1830.766	12.1375	1830.766	12.1375	99.69734
-16MR02 Spot 210	193.306	62958.53	2.913381	8.92238	0.657019	4.875135	1.296614	0.315613	1.117825	0.862111	1768.27	17.28702	1797.968	10.92512	1832.573	11.90714	1832.573	11.90714	96.4911
-16MR02 Spot 312	78.43665	43316.05	1.643015	8.904336	0.631613	4.861188	1.359252	0.314074	1.203591	0.88548	1760.722	18.5443	1795.555	11.44736	1836.241	11.44156	1836.241	11.44156	95.88734
-16MR02 Spot 26	191.9004	364642.8	0.931702	8.893544	0.629284	4.927341	1.412758	0.317962	1.264867	0.895317	1779.769	19.67146	1806.951	11.92533	1838.437	11.39632	1838.437	11.39632	96.80878
-16MR02 Spot 105	214.0823	293743.7	2.368573	8.882909	0.697985	4.506482	1.303333	0.290456	1.100678	0.844511	1643.808	15.97044	1732.168	10.83091	1840.604	12.63718	1840.604	12.63718	89.3081
-16MR02 Spot 260	199.4237	78112.23	2.404612	8.874713	0.514689	4.843041	1.097893	0.31186	0.969776	0.883306	1749.855	14.86151	1792.406	9.240197	1842.275	9.316617	1842.275	9.316617	94.9834
-16MR02 Spot 147	127.0977	84901.42	2.617609	8.872589	0.753173	4.924948	1.249828	0.317059	0.997397	0.798027	1775.349	15.47824	1806.541	10.54904	1842.708	13.63102	1842.708	13.63102	96.34457
-16MR02 Spot 14	60.6056	63026.42	1.255513	8.835364	0.886529	4.99729	1.580073	0.320366	1.307936	0.827769	1791.518	20.45778	1818.864	13.36939	1850.315	16.03021	1850.315	16.03021	96.82231
-16MR02 Spot 141	128.3094	75398.34	10.12606	8.81325	0.658194	5.064697	1.26025	0.323875	1.074715	0.852779	1808.625	16.94895	1830.212	10.68679	1854.842	11.89434	1854.842	11.89434	97.50833
-16MR02 Spot 310	216.0994	955545.3	1.488752	8.782677	0.529213	5.084224	1.199495	0.323996	1.076439	0.89741	1809.214	16.98093	1833.476	10.178	1861.12	9.555877	1861.12	9.555877	97.21102
-16MR02 Spot 184	136.1937	25819.95	2.279105	8.753916	0.606916	4.57102	1.260968	0.290338	1.105302	0.876551	1643.216	16.03246	1744	10.50577	1867.042	10.95331	1867.042	10.95331	88.01175
-16MR02 Spot 265	120.516	62164.46	3.2081	8.739663	0.781706	5.148902	1.406893	0.32651	1.169736	0.831432	1821.446	18.56068	1844.213	11.96267	1869.982	14.10291	1869.982	14.10291	97.40445
-16MR02 Spot 233	113.7636	105933.2	1.008344	8.721046	0.611099	5.111734	1.341367	0.323463	1.194078	0.890195	1806.619	18.8133	1838.057	11.39199	1873.828	11.01976	1873.828	11.01976	96.41325
-16MR02 Spot 21	67.43786	31499.92	1.092013	8.70321	0.822635	5.088491	1.307115	0.321334	1.015787	0.777121	1796.239	15.92448	1834.188	11.09278	1877.519	14.8259	1877.519	14.8259	95.67086
-16MR02 Spot 65	210.0734	845268.7	1.612597	8.702949	0.719365	5.112631	1.218605	0.322848	0.983622	0.80717	1803.625	15.47518	1838.206	10.34961	1877.573	12.96432	1877.573	12.96432	96.0615
-16MR02 Spot 81	205.4318	462316.7	3.824433	8.665828	0.579177	5.208787	1.012471	0.327517	0.830453	0.820223	1826.338	13.20772	1854.054	8.624877	1885.274	10.42782	1885.274	10.42782	96.87386
-16MR02 Spot 300	178.9022	101550.4	1.964311	8.630519	0.697063	5.364817	1.389969	0.335954	1.202546	0.86516	1867.175	19.49438	1879.256	11.89663	1892.619	12.53973	1892.619	12.53973	98.6556
-16MR02 Spot 60	258.4234	94433.86	2.162769	8.615079	0.580628	5.413118	1.307001	0.338372	1.17095	0.895906	1878.833	19.08426	1886.933	11.20216	1895.84	10.44078	1895.84	10.44078	99.10292
-16MR02 Spot 39	270.8092	136641.9	2.196846	8.454496	0.464877	5.779547	1.281922	0.354543	1.19466	0.931929	1956.257	20.15767	1943.352	11.0969	1929.608	8.325402	1929.608	8.325402	101.381
-16MR02 Spot 113	78.95614	238500	2.015834	8.409171	0.70903	5.743208	1.212556	0.350425	0.983651	0.811221	1936.629	16.45451	1937.895	10.48661	1939.232	12.68461	1939.232	12.68461	99.86577
-16MR02 Spot 68	426.19	293868.7	4.333074	8.33781	0.637707	5.442282	1.269096	0.329246	1.097239	0.864584	1834.727	17.52008	1891.54	10.88635	1954.467	11.38784	1954.467	11.38784	93.87354
-16MR02 Spot 235	135.724	688227	1.506915	8.153034	0.946726	5.904528	1.318544	0.349295	0.917752	0.696034	1931.23	15.31544	1961.9	11.4497	1994.396	16.8287	1994.396	16.8287	96.83286
-16MR02 Spot 197	61.92548	139307.9	1.570186	8.150219	0.741974	6.301036	1.420486	0.372622	1.211303	0.852739	2041.728	21.19779	2018.598	12.44848	1995.009	13.18757	1995.009	13.18757	102.3418
-16MR02 Spot 1	357.7057	63507.85	2.665486	8.129345	0.646404	6.199402	1.231698	0.365673	1.048448	0.851221	2009.009	18.09725	2004.364	10.76971	1999.567	11.48258	1999.567	11.48258	100.4722
-16MR02 Spot 217	68.75004	33764.18	2.562502	8.031557	0.800332	6.280012	1.348584	0.365972	1.085425	0.804863	2010.419	18.74672	2015.67	11.81288	2021.037	14.18433	2021.037	14.18433	99.47463
-16MR02 Spot 57	333.7372	73126.89	2.601761	7.93781	0.766315	6.387687	1.244841	0.367902	0.981015	0.788065	2019.521	17.00874	2030.578	10.92939	2041.816	13.54697	2041.816	13.54697	98.90805
-16MR02 Spot 279	37.85241	36075.14	1.816053	7.803983	0.86049	6.481604	1.162071	0.367017	0.781004	0.672079	2015.35	13.51713	2043.405	10.22269	2071.828	15.1601	2071.828	15.1601	97.27404
-16MR02 Spot 194	365.246	463403.4	5.26366	7.769149	0.514137	6.57493	1.033103	0.37064	0.896083	0.867371	2032.411	15.62055	2055.992	9.105374	2079.702	9.049032	2079.702	9.049032	97.72606
-16MR02 Spot 215	543.8135	155513.8	8.448073	7.742386	0.553821	6.078052	1.226318	0.34145	1.094138	0.892214	1893.641	17.95328	1987.103	10.693	2085.775	9.743161	2085.775	9.743161	90.78835
-16MR02 Spot 67	119.5477	121194.8	1.685488	7.682635	0.601409	6.823539	1.066124	0.380371	0.8803	0.825701	2078.017	15.63729	2088.782	9.441839	2099.394	10.56401	2099.394	10.56401	98.98177
-16MR02 Spot 96	85.64425	36287.41	1.205728	7.467045	0.782958	7.129044	1.23556	0.386249	0.955816	0.773589	2105.411	17.16801	2127.678	11.00278	2149.242	13.67453	2149.242	13.67453	97.9606
-16MR02 Spot 121	257.123	178192	1.859648	6.946443	0.631567	8.4481	1.405701	0.425804	1.255834	0.893386	2286.772	24.17698	2280.361	12.76323	2274.603	10.88288	2274.603	10.88288	100.535
-16MR02 Spot 211	235.9286	213056.9	1.149094	6.734081	0.644362	9.037179	1.2324	0.441569	1.050527	0.852424	2357.663	20.7439	2341.774	11.26732	2327.947	11.04066	2327.947	11.04066	101.2765
-16MR02 Spot 177	359.5775	142218.3	3.904352	6.377342	0.605803	9.85276	1.080135	0.455917	0.894256	0.827912	2421.503	18.0522	2421.099	9.957252	2420.748	10.27797	2420.748	10.27797	100.0312
-16MR02 Spot 267	100.7465	61307.94	1.561796	6.223709	1.16352	10.18655	1.833485	0.460007	1.417	0.772845	2439.587	28.78062	2451.857	16.95425	2462.038	19.66068	2462.038	19.66068	99.0881
-16MR02 Spot 192	226.2215	188612.3	2.130623	6.063694	0.815623	9.24156	1.513446	0.406603	1.274864	0.842358	2199.371	23.75652	2362.242	13.86765	2505.953	13.72039	2505.953	13.72039	87.76585
-16MR02 Spot 201	117.3176	417845.9	1.513001	5.923944	0.859387	11.13698	1.278946	0.478703	0.947183	0.740597	2521.613	19.76691	2534.657	11.91678	2545.103	14.40082	2545.103	14.40082	99.07708
-16MR02 Spot 140	148.5772	163790.3	2.282447	5.903118	0.658234	10.84603	1.348815	0.464558	1.177298	0.872839	2459.652	24.07354	2510.02	12.54014	2551.003	11.02294	2551.003	11.02294	96.41901
-16MR02 Spot 54	57.85091	121653.5	1.598404	5.623202	0.622692	10.52735	2.634248	0.429527	2.559593	0.97166	2303.585	49.57878	2482.33	24.43205	2632.045	10.34572	2632.045	10.34572	87.52074
-16MR02 Spot 209	134.1259	42740.42	0.799901	5.593683	0.680629	12.21758	1.308704	0.495873	1.117788	0.854118	2596.036	23.88667	2621.26	12.28361	2640.788	11.29939	2640.788	11.29939	98.30534
-16MR02 Spot 61	292.8443	627956.4	5.245549	5.56761	1.446061	11.80637	2.472473	0.47695	2.005501	0.811131	2513.968	41.74979	2589.169	23.14873	2648.538	23.99358	2648.538	23.99358	94.9191
-16MR02 Spot 174	201.0423	192186.2	2.099201	5.553089	0.686019	12.31678	1.206277	0.496272	0.99221	0.82254	2597.753	21.21449	2628.852	11.32903	2652.87	11.37599	2652.87	11.37599	97.92235
-16MR02 Spot 156	90.76447	90395.03	0.901817	5.450667	0.948328	12.65408	1.559609	0.500458	1.238166	0.793895	2615.765	26.62217	2654.25	14.67723	2683.704	15.68103	2683.704	15.68103	97.46848
-16MR02 Spot 308	107.7769	153190.5	1.08564	5.388576	0.674126	12.99533	1.175464	0.5081	0.962948	0.819207	2648.512	20.91422	2679.315	11.08308	2702.628	11.12959	2702.628	11.12959	97.99763
-16MR02 Spot 284	76.59301	74914.52	0.900974	5.293876	0.692357	12.59792	1.501144	0.483905	1.331944	0.887286	2544.253	28.00018	2650.065	14.12233	2731.86	11.39594	2731.86	11.39594	93.13261
-16MR02 Spot 165	131.5829	60734.88	1.634204	5.25902	0.678809	13.31447	1.180926	0.508062	0.966335	0.818286	2648.349	20.98673	2702.209	11.15369	2742.724	11.16186	2742.724	11.16186	96.55907
-16MR02 Spot 255	68.62847	64784.51	2.846666	4.898476	0.671254	16.05588	1.075443	0.570667	0.840236	0.781293	2910.559	19.67976	2880.129	10.27998	2858.906	10.92523	2858.906	10.92523	101.8067
-16MR02 Spot 114	49.56068	58941.76	1.271908	3.61791	0.515454	24.5414	0.96085	0.644236	0.810888	0.843928	3205.646	20.48148	3290.147	9.374593	3342.031	8.057518	3342.031	8.057518	95.91909
-16MR02 Spot 302	152.978	126296.5	0.742391	3.279599	0.468914	30.28145	1.072182	0.720585	0.964206	0.899294	3498.239	26.03152	3495.99	10.53911	3494.694	7.251921	3494.694	7.251921	100.1014
-16MR02 Spot 92	155.8857	518348	0.905678	3.276914	0.621324	29.53106	1.167988	0.702153	0.989016	0.846769	3428.809	26.30009	3471.335	11.4716	3495.961	9.608109	3495.961	9.608109	98.07917

Member: Polychrome
Sample: 0816MR-01

				Isotope ratios							Apparent ages (Ma)								
Analysis	U (ppm)	206Pb 204Pb	U/Th	206Pb* 207Pb*	± (%)	207Pb* 235U*	± (%)	206Pb* 238U	± (%)	error corr.	206Pb* 238U*	± (Ma)	207Pb* 235U	± (Ma)	206Pb* 207Pb*	± (Ma)	Best age (Ma)	± (Ma)	Conc (%)
-16MR01 Spot 273	2095.869	159357.7	2.558169	21.19259	0.829281	0.057729	1.382328	0.008877	1.105949	0.800063	56.9725	0.627311	56.98775	0.766059	57.60556	19.77317	56.9725	0.627311	NA
-16MR01 Spot 246	2071.619	55188.55	1.964635	20.467	0.940881	0.077407	1.300474	0.011495	0.897762	0.690334	73.6815	0.657718	75.70453	0.948712	140.0709	22.09221	73.6815	0.657718	NA
-16MR01 Spot 49	2028.617	42507.82	8.995181	20.94682	1.078494	0.07567	1.645107	0.011501	1.242266	0.755128	73.71622	0.910536	74.06594	1.175086	85.39122	25.57094	73.71622	0.910536	NA
-16MR01 Spot 311	548.1071	10568.14	1.711712	21.22566	1.484805	0.075413	1.927516	0.011614	1.229094	0.637657	74.43953	0.90967	73.82321	1.372459	53.92871	35.42921	74.43953	0.90967	NA
-16MR01 Spot 167	209.8419	178754.9	1.748193	18.00199	2.318713	0.089725	2.506659	0.01172	0.952317	0.379915	75.11185	0.711151	87.24738	2.095672	433.4134	51.66165	75.11185	0.711151	NA
-16MR01 Spot 284	245.2622	4109.135	2.675581	22.47705	2.11397	0.071906	2.54362	0.011727	1.414614	0.556142	75.15772	1.057018	70.50615	1.732561	NA	NA	75.15772	1.057018	NA

-16MR01 Spot 247	753.0375	171854.3	1.536566	20.96746	1.065581	0.077505	1.801695	0.011791	1.452804	0.806354	75.56745	1.091438	75.7967	1.3159	83.00979	25.30625	75.56745	1.091438	NA
-16MR01 Spot 228	479.6423	27113.65	2.088836	20.48278	1.77396	0.079361	2.599507	0.011795	1.900132	0.730959	75.58845	1.427893	77.54436	1.940724	138.2283	41.66879	75.58845	1.427893	NA
-16MR01 Spot 84	412.0829	5555.97	1.676644	20.3045	2.87266	0.080225	3.133743	0.011819	1.252265	0.399607	75.74547	0.942983	78.3569	2.363153	158.7621	67.23682	75.74547	0.942983	NA
-16MR01 Spot 61	224.4269	2978.495	3.831476	22.16834	2.055088	0.073705	2.323759	0.011855	1.084651	0.466766	75.97542	0.819231	72.20907	1.619691	NA	NA	75.97542	0.819231	NA
-16MR01 Spot 25	387.8244	14323.53	2.281678	20.81971	1.760882	0.078554	2.077717	0.011867	1.102816	0.530782	76.0472	0.833733	76.78426	1.536532	99.77453	41.63931	76.0472	0.833733	NA
-16MR01 Spot 164	464.4537	8408.06	2.469457	21.12949	1.636136	0.07742	2.031156	0.011869	1.2036	0.592569	76.06473	0.910135	75.71639	1.481978	64.75144	38.95355	76.06473	0.910135	NA
-16MR01 Spot 62	197.5249	8765.141	3.150625	21.87948	2.417468	0.075074	2.749819	0.011918	1.310479	0.476569	76.37629	0.99499	73.50328	1.949786	NA	NA	76.37629	0.99499	NA
-16MR01 Spot 46	328.8672	1579.118	2.691436	12.69984	8.657079	0.12945	8.747457	0.011929	1.254187	0.143377	76.44118	0.953054	123.603	10.18029	1164.755	171.8515	76.44118	0.953054	NA
-16MR01 Spot 186	1120.766	14643.7	4.534733	20.97652	0.981399	0.078382	1.425072	0.01193	1.033288	0.725078	76.45049	0.785288	76.62298	1.05175	81.98288	23.27067	76.45049	0.785288	NA
-16MR01 Spot 206	1061.734	21903.89	4.412556	21.39069	1.055794	0.076874	1.849031	0.011931	1.517965	0.820951	76.45947	1.153772	75.20155	1.340257	35.37437	25.29159	76.45947	1.153772	NA
-16MR01 Spot 47	551.3004	8944.978	3.275583	21.72459	1.299096	0.075833	1.866259	0.011954	1.339877	0.717948	76.60048	1.020279	74.21944	1.335716	NA	NA	76.60048	1.020279	NA
-16MR01 Spot 279	329.6658	5401.225	1.34976	20.36403	2.716455	0.080921	2.927244	0.011957	1.090702	0.372604	76.62086	0.830758	79.01039	2.225136	151.9044	63.64053	76.62086	0.830758	NA
-16MR01 Spot 12	422.8558	6856.584	3.09144	21.8992	1.729063	0.075344	2.15875	0.011972	1.292495	0.598724	76.71783	0.985697	73.7581	1.535798	NA	NA	76.71783	0.985697	NA
-16MR01 Spot 293	449.9515	10282.29	2.023292	19.84398	1.608061	0.083351	1.977112	0.012001	1.150265	0.581791	76.90419	0.879347	81.29013	1.544546	212.1353	37.26341	76.90419	0.879347	NA
-16MR01 Spot 6	748.598	12536.01	1.916414	20.82055	1.523303	0.079806	1.824305	0.012056	1.003812	0.550243	77.25511	0.770867	77.96226	1.36904	99.71525	36.03876	77.25511	0.770867	NA
-16MR01 Spot 30	765.6282	7379.095	1.467011	21.45418	2.438427	0.077494	2.616616	0.012063	0.949082	0.362713	77.30036	0.729263	75.78649	1.910846	28.27799	58.4696	77.30036	0.729263	NA
-16MR01 Spot 215	169.7934	5453.703	3.368272	16.04992	3.199465	0.103649	3.366192	0.012071	1.046264	0.310815	77.34586	0.804407	100.1393	3.210003	683.7061	68.33094	77.34586	0.804407	NA
-16MR01 Spot 312	700.9049	18041.1	1.99153	20.60009	1.270044	0.081222	1.778703	0.01214	1.2453	0.700117	77.7907	0.962906	79.29351	1.356732	124.7914	29.90988	77.7907	0.962906	NA
-16MR01 Spot 155	373.2649	8709.538	2.202843	20.844	1.439029	0.080321	1.751846	0.012148	0.999078	0.5703	77.83815	0.772988	78.44686	1.322523	97.00459	34.07073	77.83815	0.772988	NA
-16MR01 Spot 199	607.6877	14084.11	2.975698	20.9242	1.640903	0.080014	2.04031	0.012148	1.21256	0.594302	77.83862	0.938165	78.1579	1.534836	87.95418	38.92791	77.83862	0.938165	NA
-16MR01 Spot 230	440.5618	16985.65	1.869326	20.25066	1.380909	0.082734	1.608838	0.012157	0.8255	0.513103	77.89418	0.639147	80.71254	1.248265	164.9257	32.26308	77.89418	0.639147	NA
-16MR01 Spot 190	409.7992	237276.9	1.532187	20.3513	1.532681	0.082339	1.925506	0.012159	1.165531	0.605312	77.90706	0.902566	80.34162	1.487365	153.3717	35.88454	77.90706	0.902566	NA
-16MR01 Spot 170	212.9836	32257.03	3.051447	19.62477	1.53451	0.0854	1.877848	0.01216	1.082401	0.576405	77.9185	0.838314	83.20912	1.500232	237.8319	35.38869	77.9185	0.838314	NA
-16MR01 Spot 304	750.6018	21362.44	2.366287	19.10485	2.068961	0.088023	2.396008	0.012202	1.20841	0.504343	78.18257	0.93906	85.66012	1.968236	299.3973	47.18778	78.18257	0.93906	NA
-16MR01 Spot 280	1577.05	136515	2.068045	20.88502	0.861034	0.080951	1.223529	0.012267	0.869277	0.710467	78.59835	0.679089	79.03875	0.930381	92.3709	20.39671	78.59835	0.679089	NA
-16MR01 Spot 222	378.4259	5949.742	3.069867	20.10472	1.783283	0.084439	2.057737	0.012318	1.026734	0.498963	78.91981	0.805357	82.3098	1.62689	181.8037	41.57593	78.91981	0.805357	NA
-16MR01 Spot 20	495.0745	11124.02	1.997835	21.19434	1.342523	0.080835	1.872151	0.012431	1.304829	0.696968	79.64198	1.032799	78.93008	1.421717	57.40909	32.0239	79.64198	1.032799	NA
-16MR01 Spot 103	213.1252	6250.013	2.383144	21.82828	2.967555	0.078823	3.394432	0.012484	1.647963	0.48549	79.98009	1.3099	77.03781	2.518262	NA	NA	79.98009	1.3099	NA
-16MR01 Spot 173	1012.143	15615.46	8.722206	20.80391	1.077721	0.082843	1.817329	0.012505	1.463284	0.805184	80.11335	1.165032	80.81426	1.411737	101.6066	25.5095	80.11335	1.165032	NA
-16MR01 Spot 123	1773.038	31943.66	9.797738	20.96667	1.143652	0.082725	1.539036	0.012585	1.029899	0.669185	80.62204	0.825155	80.70371	1.193981	83.09934	27.12525	80.62204	0.825155	NA
-16MR01 Spot 171	1009.848	29474.47	6.683985	20.98057	1.167298	0.083034	1.751822	0.01264	1.306253	0.745654	80.97419	1.051112	80.99303	1.363742	81.52503	27.71464	80.97419	1.051112	NA
-16MR01 Spot 156	350.5365	1663.32	1.659395	9.637789	4.457339	0.180897	4.569101	0.01265	1.004396	0.219824	81.03669	0.808835	168.832	7.107006	1691.59	82.24022	81.03669	0.808835	NA
-16MR01 Spot 86	475.0988	7433.886	3.185654	20.21031	1.583517	0.086582	1.900339	0.012697	1.050601	0.552849	81.33217	0.849109	84.31405	1.537535	169.586	36.95932	81.33217	0.849109	NA
-16MR01 Spot 201	787.0232	46902.31	6.602835	21.26475	1.100815	0.082344	1.665034	0.012705	1.249218	0.750266	81.38629	1.010301	80.34586	1.286227	49.54072	26.27328	81.38629	1.010301	NA
-16MR01 Spot 146	100.6984	3110.553	1.78648	20.148	3.32487	0.087344	3.522851	0.012769	1.164354	0.330515	81.79269	0.94634	85.02645	2.873379	176.7908	77.55247	81.79269	0.94634	NA
-16MR01 Spot 202	599.4538	12967.93	8.411819	20.31407	1.466073	0.086734	1.839657	0.012784	1.111292	0.604076	81.88974	0.904278	84.4561	1.490843	157.6576	34.3355	81.88974	0.904278	NA
-16MR01 Spot 265	958.3912	118080.2	3.082238	20.63342	1.053408	0.086315	1.515985	0.012922	1.090203	0.719138	82.76967	0.896589	84.06462	1.223079	120.9917	24.83773	82.76967	0.896589	NA
-16MR01 Spot 16	547.9036	63307.24	2.043837	20.42933	1.391122	0.087213	1.748836	0.012928	1.059815	0.606011	82.80352	0.871952	84.90379	1.424445	144.3565	32.62891	82.80352	0.871952	NA
-16MR01 Spot 154	450.7141	5785.333	2.796308	21.98879	3.117729	0.081046	3.350316	0.012931	1.226533	0.366095	82.82179	1.009339	79.12763	2.550367	NA	NA	82.82179	1.009339	NA
-16MR01 Spot 7	229.8694	18937.92	2.576216	17.61532	2.257799	0.101334	2.579782	0.012952	1.248046	0.48378	82.95708	1.028709	98.0068	2.410178	481.6217	49.90278	82.95708	1.028709	NA
-16MR01 Spot 212	704.4423	6162.534	3.266909	21.18771	1.283725	0.084476	1.866157	0.012987	1.354472	0.725808	83.17954	1.119406	82.3441	1.476013	58.15512	30.60648	83.17954	1.119406	NA
-16MR01 Spot 109	1713.029	36577.52	4.07354	20.94872	1.02031	0.085956	1.496164	0.013065	1.094293	0.731399	83.67947	0.909781	83.72942	1.202471	85.17779	24.20889	83.67947	0.909781	NA
-16MR01 Spot 124	791.4491	67740.92	8.839577	20.02039	1.121598	0.090281	1.650329	0.013115	1.210622	0.733564	83.99315	1.010244	87.76537	1.387586	191.6343	26.11026	83.99315	1.010244	NA
-16MR01 Spot 13	549.2932	39806.42	4.771181	20.45362	1.09232	0.089912	1.639979	0.013344	1.223261	0.7459	85.45041	1.038384	87.42177	1.373714	141.6025	25.63421	85.45041	1.038384	NA
-16MR01 Spot 148	860.6431	72469.92	12.38285	20.86852	1.110354	0.089062	1.675084	0.013486	1.254201	0.748739	86.35355	1.075826	86.62964	1.390941	94.26732	26.29924	86.35355	1.075826	NA
-16MR01 Spot 300	217.9139	14991.76	4.470216	20.60524	1.93278	0.091759	2.186278	0.013719	1.021848	0.467392	87.83515	0.891455	89.14026	1.865761	124.203	45.51774	87.83515	0.891455	NA
-16MR01 Spot 235	353.9588	9439.549	2.247594	20.86057	1.965993	0.092549	2.180702	0.014008	0.943574	0.432693	89.67711	0.840311	89.87548	1.875682	95.12342	46.56103	89.67711	0.840311	NA
-16MR01 Spot 209	1122.257	36637.94	1.621851	21.07662	0.897897	0.094005	1.321511	0.014376	0.969625	0.733724	92.01377	0.885851	91.22698	1.153004	70.68516	21.34559	92.01377	0.885851	NA
-16MR01 Spot 223	376.7782	74793.08	3.321218	20.92267	1.541116	0.094921	2.063068	0.01441	1.371573	0.664822	92.2303	1.255999	92.07691	1.816027	88.12682	36.53842	92.2303	1.255999	NA
-16MR01 Spot 72	822.1932	41159.38	2.668204	20.15899	1.213056	0.100788	1.735668	0.014742	1.241385	0.715221	94.34157	1.162614	97.50372	1.613627	175.5193	28.28545	94.34157	1.162614	NA
-16MR01 Spot 26	902.5729	23162.91	2.070428	21.1207	1.075093	0.096461	1.560404	0.014782	1.130945	0.724777	94.59657	1.062024	93.50425	1.393881	65.72247	25.57217	94.59657	1.062024	NA
-16MR01 Spot 107	1686.68	18358.15	3.376824	21.20051	1.073695	0.096386	1.400246	0.014827	0.898814	0.641897	94.87791	0.846531	93.43458	1.249924	56.75955	25.60494	94.87791	0.846531	NA
-16MR01 Spot 50	742.72	15542.49	4.826003	20.75689	0.90138	0.098462	1.529124	0.014829	1.235206	0.807787	94.89341	1.163544	95.35556	1.391733	106.9533	21.2952	94.89341	1.163544	NA
-16MR01 Spot 172	1022.599	13854.15	3.639503	21.33422	0.975784	0.095956	1.47627	0.014854	1.107799	0.750404	95.04909	1.045228	93.03628	1.312423	41.74658	23.33594	95.04909	1.045228	NA
-16MR01 Spot 259	546.5261	11008.24	2.106617	20.65367	1.776831	0.099221	2.076229	0.014869	1.074057	0.517311	95.14793	1.014438	96.05735	1.902943	118.6947	41.88809	95.14793	1.014438	NA
-16MR01 Spot 291	426.6875	49793.14	2.63559	21.01676	1.645512	0.097521	2.179832	0.014871	1.429671	0.655863	95.16109	1.350498	94.48522	1.966699	77.43261	39.10613	95.16109	1.350498	NA
-16MR01 Spot 152	1001.308	53053.65	5.1638	20.78111	1.116366	0.099173	1.678502	0.014954	1.253433	0.746757	95.68456	1.190485	96.01285	1.53773	104.1518	26.39948	95.68456	1.190485	NA
-16MR01 Spot 266	616.6078	20306.93	4.434443	21.28594	1.251378	0.096879	1.739334	0.014963	1.20803	0.694536	95.74085	1.148032	93.89091	1.559848	47.16155	29.89728	95.74085	1.148032	NA
-16MR01 Spot 313	606.8173	17967.49	4.206366	20.71135	1.291049	0.099672	1.694929	0.014979	1.09817	0.647915	95.84161	1.044718	96.47332	1.559879	112.1238	30.47635	95.84161	1.044718	NA
-16MR01 Spot 73	918.7337	12716.27	4.485757	21.17235	0.898888	0.097801	1.448351	0.015024	1.13566	0.784105	96.13362	1.083651	94.74433	1.310157	59.92168	21.4239	96.13362	1.083651	NA
-16MR01 Spot 153	1957.06	23955.63	3.981031	18.57684	3.388127	0.111511	3.584526	0.015031	1.170224	0.326465	96.17307	1.117087	107.347	3.65148	362.9612	76.41577	96.17307	1.117087	NA
-16MR01 Spot 282	513.1456	4389.234	5.790516	22.11888	1.732592	0.093847	2.148968	0.015062	1.271293	0.591583	96.3698	1.21603	91.08106	1.872085	NA	NA	96.3698	1.21603	NA
-16MR01 Spot 240	872.0507	36195.93	3.72487	20.83063	1.169364	0.099717	1.939699	0.015072	1.547586	0.797848	96.43332	1.481282	96.51548	1.78589	98.56178	27.6747	96.43332	1.481282	NA
-16MR01 Spot 35	849.0672	43179	3.460823	20.26016	0.890701	0.102632	1.368515	0.015087	1.038982	0.759204	96.53319	0.99549	99.20315	1.293399	163.83	20.8015	96.53319	0.99549	NA
-16MR01 Spot 36	2005.146	35269.31	2.277207	20.5064	0.870173	0.101603	1.583901	0.015118	1.323458	0.835569	96.72533	1.270563	98.25508	1.483338	135.549	20.42916	96.72533	1.270563	NA
-16MR01 Spot 192	449.6842	25489.92	2.524659	19.52009	1.299445	0.106914	1.74435	0.015143	1.163701	0.667126	96.88462	1.119018	103.1385	1.710743	250.1349	29.90804	96.88462	1.119018	NA
-16MR01 Spot 79	659.917	27674.85	1.895551	20.60453	1.426296	0.101427	1.886015	0.015164	1.233991	0.654285	97.01726	1.18822	98.09249	1.763487	124.2853	33.59771	97.01726	1.18822	NA
-16MR01 Spot 224	1156.866	16758.78	4.323083	20.7145	1.258372	0.101029	1.670906	0.015185	1.099285	0.657898	97.15119	1.059962	97.72536	1.556783	111.7509	29.72555	97.15119	1.059962	NA
-16MR01 Spot 126	1784.095	25033.77	2.107223	21.14332	0.905987	0.099155	1.302554	0.015212	0.935861	0.718481	97.32256	0.903963	95.99649	1.193118	63.15183	21.57799	97.32256	0.903963	NA
-16MR01 Spot 308	2088.977	24309.88	3.488242	21.2409	0.935134	0.098779	1.270398	0.015224	0.859904	0.676878	97.39974	0.831249	95.6485	1.159641	52.18001	22.31505	97.39974	0.831249	NA
-16MR01 Spot 63	336.0211	26110.49	4.600713	20.28691	1.504617	0.103545	1.779513	0.015242	0.950156	0.533941	97.51261	0.919549	100.0431	1.695389	160.7547	35.21746	97.51261	0.919549	NA
-16MR01 Spot 137	1128.428	35674.75	2.022837	20.77353	0.864149	0.101327	1.564893	0.015273	1.304659	0.833705	97.71154	1.26519	98.0005	1.46192	105.0131	20.42285	97.71154	1.26519	NA
-16MR01 Spot 302	355.6888	7301.91	1.151167	20.9979	2.443059	0.100637	2.65745	0.015333	1.045707	0.3935	98.09179	1.017988	97.36451	2.467237	79.56599	58.01773	98.09179	1.017988	NA
-16MR01 Spot 194	555.3283	10127.47	1.145214	21.45827	1.803706	0.098737	2.113653	0.015373	1.101895	0.521323	98.3476	1.075463	95.60986	1.928637	27.86302	43.22845	98.3476	1.075463	NA
-16MR01 Spot 290	797.3522	24455.57	2.619936	21.06605	1.217671	0.100673	1.68442	0.015388	1.163852	0.690951	98.44185	1.137013	97.39693	1.564349	71.88655	28.96661	98.44185	1.137013	NA
-16MR01 Spot 258	338.3395	4449.985	2.502304	21.27949	3.921717	0.099731	4.172143	0.015399	1.423698	0.341239	98.50914	1.391811	96.52838	3.841815	47.84389	93.70788	98.50914	1.391811	NA
-16MR01 Spot 17	2406.318	78559.72	2.260215	21.09702	0.775587	0.100626	1.348279	0.015403	1.10287	0.817983	98.54007	1.078505	97.35385	1.251641	68.3917	18.47155	98.54007	1.078505	NA
-16MR01 Spot 157	789.0006	23565.27	1.816777	19.97842	1.255488	0.106367	1.60526	0.015419	1.000305	0.623142	98.6382	0.979173	102.6362	1.567046	196.5133	29.18444	98.6382	0.979173	NA
-16MR01 Spot 267	740.0515	76394.46	3.344817	20.10291	1.051803	0.105712	1.478892	0.01542	1.039631	0.70298	98.64211	1.017708	102.0353	1.435652	182.0132	24.52259	98.64211	1.017708	NA
-16MR01 Spot 0	1583.799	19872.55	1.259152	20.61536	0.806401	0.103173	1.346145	0.015433	1.077879	0.800716	98.72591	1.056039	99.70063	1.278329	123.0474	18.99246	98.72591	1.056039	NA
-16MR01 Spot 52	2467.518	26949.58	3.974594	20.64643	0.802025	0.103532	1.631673	0.01551	1.420955	0.870858	99.21497	1.399007	100.031	1.554358	119.5043	18.91236	99.21497	1.399007	NA
-16MR01 Spot 243	848.8312	7796.876	2.923687	21.32609	1.181364	0.100341	1.612117	0.015527	1.096951	0.680441	99.3219	1.081162	97.0909	1.492716	42.63227	28.26518	99.3219	1.081162	NA
-16MR01 Spot 2	1331.261	29520.87	3.360206	20.96852	0.969526	0.102084	1.636799	0.015531	1.318761	0.805695	99.35288	1.300182	98.69823	1.539461	82.88913	22.99611	99.35288	1.300182	NA
-16MR01 Spot 55	683.431	22074.03	1.630909	20.782	0.969081	0.103058	1.547114	0.01554	1.206003	0.779518	99.40794	1.189666	99.59497	1.467692	104.0938	22.92966	99.40794	1.189666	NA
-16MR01 Spot 142	1244.699	13029.11	2.254741	19.32593	1.246583	0.110844	1.493931	0.015543	0.823324	0.551112	99.4271	0.812326	106.7371	1.51363	273.092	28.58406	99.4271	0.812326	NA
-16MR01 Spot 255	1290.973	31552.93	2.50552	20.41371	0.846452	0.104973	1.525208	0.015548	1.26877	0.831867	99.46033	1.252238	101.3562	1.471243	146.196	19.82978	99.46033	1.252238	NA
-16MR01 Spot 10	763.289	29900.49	3.136625	21.10575	1.122363	0.101605	1.574576	0.01556	1.10435	0.701364	99.53202	1.09074	98.25637	1.474623	67.43196	26.69255	99.53202	1.09074	NA
-16MR01 Spot 268	366.875	6616.796	2.447697	22.09677	2.785042	0.097142	3.081224	0.015575	1.318137	0.427796	99.62853	1.303144	94.13521	2.770132	NA	NA	99.62853	1.303144	NA
-16MR01 Spot 249	1907.986	48907.64	0.851277	21.05928	0.763738	0.102248	1.375446	0.015624	1.143921	0.831673	99.93827	1.134399	98.84891	1.29553	72.62911	18.1451	99.93827	1.134399	NA
-16MR01 Spot 115	748.9324	24412.59	1.803411	20.59387	1.163145	0.10476	1.71288	0.015654	1.257398	0.734084	100.1294	1.249297	101.1605	1.64924	125.5024	27.38138	100.1294	1.249297	NA
-16MR01 Spot 169	961.832	11272.54	2.482879	21.26421	1.017441	0.101521	1.5577	0.015664	1.179509	0.757212	100.1913	1.17263	98.17901	1.457725	49.60185	24.29393	100.1913	1.17263	NA
-16MR01 Spot 29	935.467	16385.44	2.461493	20.84796	0.99045	0.103598	1.373351	0.015671	0.951368	0.692735	100.2397	0.946272	100.0921	1.309037	96.5819	23.44123	100.2397	0.946272	NA
-16MR01 Spot 39	1671.339	57566.07	1.881371	20.82423	0.835741	0.103825	1.273412	0.015688	0.960789	0.7545	100.3441	0.95663	100.3009	1.216187	99.29501	19.79531	100.3441	0.95663	NA
-16MR01 Spot 236	918.5524	3566.575	2.633325	12.91743	4.989403	0.168894	5.418436	0.01583	2.113126	0.389988	101.2467	2.122757	158.4584	7.949709	1131.015	99.43352	101.2467	2.122757	NA
-16MR01 Spot 116	402.2347	27473.3	2.42203	20.77498	1.197751	0.105523	1.712348	0.015907	1.223735	0.714653	101.7335	1.235176	101.862	1.659598	104.8483	28.31954	101.7335	1.235176	NA
-16MR01 Spot 264	1093.006	16049.98	1.409567	21.14657	1.144795	0.103935	1.655449	0.015947	1.195807	0.722346	101.9921	1.210031	100.4019	1.582572	62.80159	27.28692	101.9921	1.210031	NA
-16MR01 Spot 101	2345.803	79494.06	1.427581	21.10645	1.003143	0.104334	1.562542	0.015978	1.198016	0.766709	102.1884	1.214581	100.7694	1.498955	67.35416	23.87357	102.1884	1.214581	NA
-16MR01 Spot 45	1053.077	28388.78	2.330165	20.59603	1.028513	0.107159	1.645422	0.016014	1.284359	0.780565	102.4152	1.304985	103.3634	1.617064	125.2569	24.23032	102.4152	1.304985	NA
-16MR01 Spot 299	2471.013	62915.08	3.178505	20.39786	0.82098	0.108301	1.348316	0.016029	1.069555	0.793252	102.5101	1.08773	104.4103	1.33782	147.9897	19.22539	102.5101	1.08773	NA
-16MR01 Spot 119	328.6938	14819.34	2.888304	21.46544	1.349168	0.103045	1.815184	0.016049	1.214347	0.668994	102.6385	1.236518	99.58316	1.721807	27.01648	32.35612	102.6385	1.236518	NA
-16MR01 Spot 187	1537.968	30005.11	2.419889	20.64341	0.958822	0.107574	1.529746	0.016113	1.191966	0.779192	103.0431	1.218475	103.7437	1.508635	119.8457	22.60475	103.0431	1.218475	NA
-16MR01 Spot 166	650.2705	12113.38	2.017873	19.47583	1.459458	0.114144	1.813911	0.01613	1.077152	0.593828	103.1512	1.102253	109.7488	1.886935	255.3565	33.54733	103.1512	1.102253	NA
-16MR01 Spot 285	388.7747	11835.33	2.106221	19.60836	1.106919	0.113502	1.512512	0.016149	1.030739	0.681475	103.2687	1.05595	109.1641	1.565462	239.7528	25.49922	103.2687	1.05595	NA
-16MR01 Spot 102	663.6701	75534.51	2.093008	21.05328	1.127532	0.106025	1.727192	0.016196	1.308382	0.75752	103.5719	1.344289	102.323	1.681185	73.30684	26.80484	103.5719	1.344289	NA

-16MR01 Spot 163	626.1806	13171.29	4.235698	21.36533	1.137724	0.104517	1.71539	0.016203	1.283802	0.748402	103.6111	1.319529	100.9371	1.648187	38.21493	27.23189	103.6111	1.319529	NA
-16MR01 Spot 97	1091.718	105193.2	1.948979	18.88253	1.903677	0.118824	2.255757	0.01628	1.210146	0.53647	104.1023	1.249673	114.0057	2.432578	326.0308	43.19623	104.1023	1.249673	NA
-16MR01 Spot 176	647.2189	9401.101	2.269339	21.48897	1.292367	0.105723	1.713315	0.016484	1.124827	0.656521	105.3992	1.175919	102.0457	1.663381	24.40953	30.9911	105.3992	1.175919	NA
-16MR01 Spot 165	792.8163	46227.96	2.769246	20.99395	1.028787	0.10826	1.825198	0.016491	1.507629	0.826009	105.4417	1.576739	104.3726	1.81037	80.01114	24.42521	105.4417	1.576739	NA
-16MR01 Spot 205	1499.723	61286.87	2.595347	20.23273	1.072889	0.112497	1.491791	0.016515	1.036508	0.694808	105.5938	1.085573	108.2467	1.53172	166.9965	25.071	105.5938	1.085573	NA
-16MR01 Spot 147	1049.722	23381.37	1.671785	20.70425	0.931262	0.110828	1.437557	0.016649	1.095135	0.761803	106.4444	1.156138	106.7222	1.456319	112.949	21.98815	106.4444	1.156138	NA
-16MR01 Spot 314	322.7158	12659.63	1.365827	20.75449	1.466478	0.11083	1.823985	0.01669	1.084603	0.594634	106.7026	1.147774	106.7241	1.847823	107.227	34.62754	106.7026	1.147774	NA
-16MR01 Spot 56	189.1226	2421.422	1.31949	21.24954	1.99916	0.109323	2.399811	0.016856	1.327573	0.553199	107.7537	1.41862	105.3459	2.401381	51.22374	47.73703	107.7537	1.41862	NA
-16MR01 Spot 276	607.0455	8001.016	2.654463	21.43413	1.019861	0.109211	1.371759	0.016985	0.917391	0.66877	108.5712	0.987682	105.2431	1.371384	30.54161	24.44482	108.5712	0.987682	NA
-16MR01 Spot 117	562.3357	11066.54	3.017839	21.04705	1.050232	0.111609	1.706934	0.017044	1.345599	0.788313	108.9484	1.45369	107.4361	1.740178	74.0471	24.96735	108.9484	1.45369	NA
-16MR01 Spot 253	2063.394	19932.24	1.447833	20.79211	0.606896	0.11322	1.20813	0.017081	1.044632	0.864668	109.1802	1.130927	108.9065	1.247628	102.9249	14.34854	109.1802	1.130927	NA
-16MR01 Spot 189	825.532	28441.66	0.889338	21.04639	1.15268	0.112026	1.769712	0.017107	1.342836	0.758788	109.3491	1.455996	107.8174	1.810248	74.10224	27.41697	109.3491	1.455996	NA
-16MR01 Spot 256	1490.416	801398.2	1.581901	20.80651	0.990398	0.113362	1.453527	0.017114	1.063887	0.731934	109.3912	1.153979	109.0361	1.502741	101.2637	23.42275	109.3912	1.153979	NA
-16MR01 Spot 128	634.8121	35310.29	2.043382	19.85328	1.00174	0.119351	1.433765	0.017193	1.025769	0.715437	109.8901	1.117665	114.4838	1.552277	211.0736	23.23894	109.8901	1.117665	NA
-16MR01 Spot 43	426.3448	16382.85	2.823271	19.12585	2.396352	0.124234	2.61774	0.017241	1.053593	0.402482	110.1924	1.151113	118.9037	2.937263	296.9152	54.68949	110.1924	1.151113	NA
-16MR01 Spot 195	372.1192	4486.451	2.161971	21.31973	1.470037	0.111871	2.283104	0.017306	1.74687	0.76513	110.6047	1.915639	107.6753	2.332485	43.37115	35.14629	110.6047	1.915639	NA
-16MR01 Spot 310	1427.362	10523.74	5.926077	19.99687	1.565635	0.119956	1.95103	0.017405	1.164175	0.596698	111.2341	1.283852	115.0322	2.121855	194.3681	36.37748	111.2341	1.283852	NA
-16MR01 Spot 288	760.5673	85495.03	2.031078	20.32514	1.059441	0.118816	1.579958	0.017522	1.172114	0.741864	111.9788	1.301186	113.9977	1.703692	156.3529	24.77878	111.9788	1.301186	NA
-16MR01 Spot 14	667.0108	10689.69	2.240286	20.68717	0.946169	0.116751	1.640583	0.017525	1.340252	0.816937	111.9929	1.488025	112.1225	1.741541	114.8509	22.32143	111.9929	1.488025	NA
-16MR01 Spot 274	833.7084	32272.22	1.843605	19.11908	0.99584	0.127215	1.787898	0.017648	1.484885	0.83052	112.7738	1.659999	121.5924	2.048831	297.722	22.74274	112.7738	1.659999	NA
-16MR01 Spot 297	305.7113	11706.97	2.472576	18.71388	1.927028	0.13008	2.255402	0.017663	1.171922	0.519607	112.8684	1.311218	124.1695	2.636064	346.3816	43.59082	112.8684	1.311218	NA
-16MR01 Spot 104	318.0093	10454.21	2.095536	20.04857	1.534848	0.126852	2.257434	0.018453	1.655371	0.733297	117.8715	1.933479	121.2647	2.580329	188.3171	35.74245	117.8715	1.933479	NA
-16MR01 Spot 177	170.9816	6796.301	5.703446	21.7085	1.963978	0.130286	2.373757	0.020522	1.333234	0.561656	130.9527	1.728292	124.3545	2.778281	NA	NA	130.9527	1.728292	NA
-16MR01 Spot 271	450.5704	49925.88	1.69253	18.70989	1.210165	0.175334	1.627774	0.023803	1.088645	0.668794	151.6441	1.6316	164.0377	2.465642	346.8876	27.34886	151.6441	1.6316	NA
-16MR01 Spot 303	619.6764	75336.87	1.024066	19.77849	0.847911	0.173285	1.397429	0.024868	1.11079	0.794881	158.3488	1.737495	162.2656	2.095642	219.7957	19.60905	158.3488	1.737495	NA
-16MR01 Spot 278	76.81919	3819.319	2.480906	21.96875	3.260016	0.156601	3.458529	0.024962	1.154869	0.333919	158.9428	1.813137	147.7235	4.754836	NA	NA	158.9428	1.813137	NA
-16MR01 Spot 161	495.2637	28357.76	1.777792	20.14346	1.294219	0.171398	1.874359	0.025051	1.355809	0.723345	159.5001	2.135983	160.6311	2.784737	177.3181	30.2016	159.5001	2.135983	NA
-16MR01 Spot 159	987.6194	10883.11	1.688132	20.10803	0.92459	0.177219	2.025058	0.025856	1.801664	0.889685	164.5627	2.927344	165.665	3.09544	181.4214	21.54451	164.5627	2.927344	NA
-16MR01 Spot 9	236.539	19520.01	2.988853	20.67784	1.532013	0.175488	2.025376	0.026329	1.324796	0.654099	167.534	2.190891	164.1706	3.070196	115.9139	36.15724	167.534	2.190891	NA
-16MR01 Spot 114	681.4743	360284.8	1.565044	20.23512	0.862527	0.180342	1.343756	0.026478	1.030402	0.766807	168.4695	1.713427	168.3548	2.084683	166.7199	20.12997	168.4695	1.713427	NA
-16MR01 Spot 242	657.6867	89981.48	3.509474	20.19252	1.015311	0.181398	1.581014	0.026577	1.211919	0.766545	169.0913	2.022606	169.263	2.464922	171.6417	23.72248	169.0913	2.022606	NA
-16MR01 Spot 8	114.6153	14083.28	1.884983	20.70126	2.036986	0.178612	2.293528	0.026828	1.05402	0.459563	170.6677	1.775269	166.8654	3.529192	113.2713	48.05089	170.6677	1.775269	NA
-16MR01 Spot 260	1716.033	79649.65	1.48192	19.91299	0.861341	0.186378	1.388384	0.026929	1.088899	0.784292	171.2987	1.840705	173.534	2.214683	204.0864	20.00057	171.2987	1.840705	NA
-16MR01 Spot 95	521.0178	9145.869	2.579679	20.92798	1.104566	0.177923	1.644297	0.027018	1.21805	0.740773	171.856	2.065636	166.2721	2.521895	87.52465	26.19231	171.856	2.065636	NA
-16MR01 Spot 252	182.3284	13846.06	2.092933	19.70208	1.579436	0.190599	1.997646	0.027247	1.223099	0.61227	173.2958	2.091343	177.1402	3.247169	228.7395	36.46636	173.2958	2.091343	NA
-16MR01 Spot 227	289.7765	78094.54	1.89455	18.77605	1.521131	0.204278	1.922361	0.02783	1.175429	0.61145	176.9525	2.051663	188.7393	3.311011	338.8976	34.44948	176.9525	2.051663	NA
-16MR01 Spot 261	382.5671	34889.99	2.216549	20.19648	1.186207	0.196257	1.940093	0.02876	1.535211	0.791308	182.7825	2.766688	181.9539	3.231871	171.1837	27.70533	182.7825	2.766688	NA
-16MR01 Spot 60	728.8434	19050.82	1.820489	20.17402	1.1571	0.196663	1.860837	0.028787	1.457338	0.783163	182.955	2.628794	182.2989	3.10521	173.7806	27.00116	182.955	2.628794	NA
-16MR01 Spot 262	286.4779	64297.68	2.303541	19.80954	1.327533	0.200559	1.918575	0.028827	1.385131	0.721958	183.2044	2.5019	185.5987	3.254379	216.1774	30.75359	183.2044	2.5019	NA
-16MR01 Spot 233	714.2544	48173.78	1.46553	19.79432	0.797134	0.201199	1.458041	0.028897	1.220845	0.837318	183.6416	2.210346	186.14	2.479767	217.9433	18.46146	183.6416	2.210346	NA
-16MR01 Spot 145	657.3536	86045.24	1.151142	19.59083	1.032538	0.206457	2.206577	0.029347	1.95009	0.883762	186.4629	3.584109	190.5752	3.834149	241.8277	23.80917	186.4629	3.584109	NA
-16MR01 Spot 24	645.6588	18407.44	4.045974	20.11341	1.254828	0.203512	1.714832	0.029701	1.168785	0.681574	188.6738	2.173233	188.0939	2.944376	180.7969	29.25065	188.6738	2.173233	NA
-16MR01 Spot 96	119.9662	23905.75	1.956202	19.42744	1.487726	0.211326	1.85604	0.029789	1.109754	0.597915	189.2277	2.069441	194.6647	3.287839	261.0783	34.15863	189.2277	2.069441	NA
-16MR01 Spot 105	324.3511	286420.3	2.712098	19.89231	1.249539	0.206639	1.660805	0.029825	1.094041	0.658741	189.4554	2.042558	190.7287	2.887922	206.5219	29.00043	189.4554	2.042558	NA
-16MR01 Spot 254	1454.086	221991.6	2.15364	19.82623	0.935062	0.20744	1.509363	0.029842	1.184836	0.784991	189.5564	2.213234	191.4024	2.633008	214.2532	21.65228	189.5564	2.213234	NA
-16MR01 Spot 134	377.2833	8673.758	2.552655	20.50544	1.252912	0.200671	1.77384	0.029857	1.255675	0.707885	189.651	2.346711	185.6937	3.010273	135.6366	29.44327	189.651	2.346711	NA
-16MR01 Spot 5	127.9525	4567.357	2.412223	20.77586	1.497688	0.198916	1.64402	0.029986	0.678036	0.412426	190.4599	1.272497	184.2087	2.769615	104.7675	35.39831	190.4599	1.272497	NA
-16MR01 Spot 238	1181.829	41079.19	2.596682	19.40989	0.704358	0.213074	1.235981	0.030008	1.015642	0.821729	190.6003	1.907479	196.1292	2.204378	263.1713	16.1781	190.6003	1.907479	NA
-16MR01 Spot 218	404.9016	32505.59	2.019653	19.17923	1.056293	0.217221	1.378109	0.030229	0.885116	0.642269	191.9804	1.674196	199.5945	2.497166	290.5264	24.13748	191.9804	1.674196	NA
-16MR01 Spot 136	841.0625	32682.86	3.688949	20.20984	0.857832	0.20685	1.443248	0.030332	1.160641	0.804187	192.6281	2.202648	190.9059	2.511735	169.6398	20.05265	192.6281	2.202648	NA
-16MR01 Spot 183	387.8912	57071.14	2.50676	19.90083	0.771959	0.210546	1.484692	0.030402	1.268222	0.854199	193.0654	2.412197	194.0107	2.622	205.5191	17.9084	193.0654	2.412197	NA
-16MR01 Spot 286	372.6854	24285.69	2.693917	19.91502	1.455499	0.210568	1.685687	0.030427	0.850331	0.504442	193.2208	1.618638	194.0291	2.977222	203.8499	33.79577	193.2208	1.618638	NA
-16MR01 Spot 289	417.5693	112004.6	1.777755	20.03044	1.105966	0.210335	1.707034	0.03057	1.30031	0.761736	194.1118	2.486431	193.8333	3.012164	190.4673	25.74545	194.1118	2.486431	NA
-16MR01 Spot 270	275.4926	59760.53	5.012175	19.96396	1.678866	0.21107	2.311703	0.030575	1.589145	0.687435	194.1439	3.039232	194.4505	4.090931	198.1953	39.00493	194.1439	3.039232	NA
-16MR01 Spot 51	621.6692	17977.49	3.191999	20.10593	1.006284	0.209608	1.979201	0.030579	1.704298	0.861104	194.1696	3.259887	193.2237	3.48245	181.6635	23.44873	194.1696	3.259887	NA
-16MR01 Spot 138	1073.632	93195	4.561967	20.11038	0.815047	0.210633	1.358007	0.030735	1.086224	0.799866	195.1475	2.087975	194.0839	2.399092	181.1489	18.99302	195.1475	2.087975	NA
-16MR01 Spot 250	214.1514	4007.496	3.031828	21.15059	1.515233	0.20057	1.875061	0.030781	1.104502	0.589049	195.4315	2.126154	185.6083	3.180718	62.35789	36.10963	195.4315	2.126154	NA
-16MR01 Spot 87	1570.825	48126.83	1.682272	19.8357	0.615642	0.213956	1.247271	0.030793	1.084744	0.869694	195.5125	2.088972	196.8666	2.232093	213.1486	14.26741	195.5125	2.088972	NA
-16MR01 Spot 130	169.9905	7858.062	2.002788	20.95196	2.12733	0.202572	2.555062	0.030796	1.415207	0.553884	195.5269	2.725567	187.3	4.370207	84.76367	50.47521	195.5269	2.725567	NA
-16MR01 Spot 77	195.4007	7312.717	2.672874	20.09608	1.383576	0.211217	1.629871	0.030798	0.86151	0.528575	195.5432	1.659329	194.5734	2.885967	182.8062	32.2217	195.5432	1.659329	NA
-16MR01 Spot 283	163.1173	24238.72	2.214471	19.38431	1.291532	0.219267	1.683504	0.03084	1.079876	0.641445	195.8021	2.082632	201.2996	3.074115	266.2037	29.63296	195.8021	2.082632	NA
-16MR01 Spot 174	217.1927	26473.48	1.08255	19.57307	1.298961	0.218702	1.724849	0.03106	1.134815	0.657921	197.1778	2.203728	200.8286	3.142947	243.9248	29.90402	197.1778	2.203728	NA
-16MR01 Spot 208	254.4177	27376.35	3.657436	18.917	1.255414	0.226844	1.540313	0.031136	0.892467	0.579406	197.6561	1.737246	207.5899	2.891863	321.9332	28.5282	197.6561	1.737246	NA
-16MR01 Spot 301	252.1222	13369.72	3.879235	18.13047	2.235642	0.236977	2.494551	0.031175	1.106656	0.443629	197.8961	2.156755	215.9417	4.852544	417.5492	49.96496	197.8961	2.156755	NA
-16MR01 Spot 168	588.9565	38801.96	2.088024	19.56211	1.000325	0.220545	1.576742	0.031304	1.218796	0.772984	198.7045	2.384858	202.363	2.892908	245.2027	23.02216	198.7045	2.384858	NA
-16MR01 Spot 23	418.1964	275272.9	3.03176	19.96678	1.302975	0.216203	1.70563	0.031323	1.100649	0.645303	198.8201	2.154909	198.7443	3.078725	197.8471	30.28838	198.8201	2.154909	NA
-16MR01 Spot 113	624.0911	27554.75	3.346145	19.96862	1.107016	0.216556	1.615282	0.031377	1.176287	0.728224	199.1581	2.306852	199.0391	2.919558	197.6307	25.72911	199.1581	2.306852	NA
-16MR01 Spot 94	681.1551	20990.16	1.813925	20.01202	0.966707	0.216198	1.388194	0.031393	0.996273	0.717675	199.26	1.954805	198.7409	2.505699	192.6063	22.49783	199.26	1.954805	NA
-16MR01 Spot 127	865.1876	62003.55	1.783108	19.88436	0.884726	0.219777	1.2862	0.031709	0.93358	0.725843	201.2354	1.849672	201.7245	2.353108	207.428	20.53458	201.2354	1.849672	NA
-16MR01 Spot 239	654.9097	26547.16	3.603136	20.03593	0.853227	0.218452	1.345609	0.031758	1.040513	0.773266	201.5419	2.064627	200.6207	2.449613	189.8285	19.85212	201.5419	2.064627	NA
-16MR01 Spot 75	672.2042	42988.02	2.092352	19.77766	0.809471	0.221489	1.418333	0.031784	1.164656	0.821145	201.7065	2.312815	203.1479	2.611385	219.9075	18.71784	201.7065	2.312815	NA
-16MR01 Spot 203	235.5901	44750.51	2.684674	20.10201	1.236516	0.218216	1.649489	0.031828	1.091715	0.66185	201.9809	2.170868	200.4238	3.000148	182.1183	28.81941	201.9809	2.170868	NA
-16MR01 Spot 48	273.4395	9519.844	6.210517	20.55424	1.434736	0.213933	2.072295	0.031906	1.495306	0.72157	202.464	2.980407	196.8479	3.708231	130.0382	33.74412	202.464	2.980407	NA
-16MR01 Spot 59	365.9043	26356.57	1.843491	19.805	1.169219	0.223372	1.403839	0.032099	0.776976	0.553465	203.672	1.557745	204.7126	2.602669	216.7157	27.07076	203.672	1.557745	NA
-16MR01 Spot 133	249.5769	26093.17	1.85496	20.1684	1.078795	0.219349	1.465225	0.032099	0.991507	0.676693	203.6737	1.987872	201.3682	2.676354	174.4318	25.16405	203.6737	1.987872	NA
-16MR01 Spot 204	368.3561	60265.66	3.505661	20.1063	1.330999	0.221222	1.785932	0.032274	1.190795	0.666764	204.7625	2.399984	202.9262	3.284957	181.6208	31.00536	204.7625	2.399984	NA
-16MR01 Spot 38	160.7118	11297.09	7.178431	20.36371	1.454357	0.222109	1.991713	0.032818	1.360796	0.683229	208.1606	2.787395	203.6637	3.675488	151.9277	34.07103	208.1606	2.787395	NA
-16MR01 Spot 129	302.8682	40383.6	1.698169	19.68583	1.132381	0.234531	1.427478	0.0335	0.869142	0.608865	212.4154	1.816106	213.9326	2.753591	230.644	26.14021	212.4154	1.816106	NA
-16MR01 Spot 305	126.3597	9197.963	3.078251	19.31986	1.675283	0.239116	2.150676	0.03352	1.348642	0.627078	212.5397	2.819663	217.6966	4.214099	273.8116	38.38374	212.5397	2.819663	NA
-16MR01 Spot 99	254.0824	18011.98	2.747667	19.34127	1.450376	0.23891	1.709441	0.033528	0.904763	0.529274	212.5906	1.89207	217.5273	3.347185	271.2731	33.24725	212.5906	1.89207	NA
-16MR01 Spot 179	258.8273	21903.52	3.079548	20.06171	1.240759	0.231306	1.607833	0.03367	1.022568	0.635992	213.4762	2.147192	211.276	3.066852	186.7921	28.87462	213.4762	2.147192	NA
-16MR01 Spot 21	358.398	22749.94	3.12174	20.13217	1.164492	0.231649	1.502008	0.033838	0.948676	0.631605	214.5264	2.001669	211.5591	2.868447	178.6248	27.13373	214.5264	2.001669	NA
-16MR01 Syot 71	1170.111	303730.5	3.590336	19.61088	0.871038	0.240833	1.667604	0.034269	1.422039	0.852744	217.2113	3.03737	219.1026	3.286453	239.4745	20.0679	217.2113	3.03737	NA
-16MR01 Spot 74	200.5545	9620.141	3.053835	20.38788	1.35398	0.233462	1.737394	0.034536	1.088703	0.62663	218.8771	2.342922	213.0525	3.339028	149.1181	31.73183	218.8771	2.342922	NA
-16MR01 Spot 32	204.6785	116411.1	3.217165	19.77516	1.130469	0.240715	1.441859	0.034539	0.894984	0.620716	218.8942	1.92618	219.0055	2.840432	220.1802	26.157	218.8942	1.92618	NA
-16MR01 Spot 298	134.8179	9258.638	1.960913	19.73664	1.739171	0.242018	1.95654	0.034658	0.896288	0.458099	219.6375	1.935427	220.0712	3.871149	224.7096	40.22503	219.6375	1.935427	NA
-16MR01 Spot 15	376.2747	11453.81	3.031974	20.58778	1.513033	0.233387	1.792005	0.034864	0.960216	0.535833	220.9172	2.085347	212.991	3.44309	126.2451	35.6027	220.9172	2.085347	NA
-16MR01 Spot 88	600.8138	17071.32	3.836104	20.20934	0.969256	0.244686	1.414817	0.03588	1.030655	0.728472	227.243	2.301291	222.2506	2.824106	169.6978	22.63808	227.243	2.301291	NA
-16MR01 Spot 83	312.1107	65158.45	1.985198	19.66577	1.101972	0.251515	1.531969	0.035889	1.064231	0.694681	227.3011	2.376858	227.806	3.126145	233.044	25.43673	227.3011	2.376858	NA
-16MR01 Spot 149	286.7718	20426.78	1.655374	19.92313	1.082621	0.248639	1.413773	0.035943	0.909223	0.643118	227.6364	2.033606	225.4697	2.85853	202.9453	25.15102	227.6364	2.033606	NA
-16MR01 Spot 85	316.4443	14535.78	3.042815	20.20398	1.391922	0.24831	1.672087	0.036402	0.926514	0.554106	230.4891	2.097788	225.2026	3.377245	170.3168	32.51233	230.4891	2.097788	NA
-16MR01 Spot 257	71.11341	26851.05	2.383586	17.26592	2.856972	0.294331	3.192938	0.036873	1.42568	0.446511	233.4242	3.268352	261.963	7.372574	525.7111	62.65552	233.4242	3.268352	NA
-16MR01 Spot 150	295.5531	38065.44	2.661003	19.40375	0.994706	0.280532	1.63555	0.039496	1.2983	0.7938	249.7101	3.179998	251.0798	3.638212	263.9184	22.82198	249.7101	3.179998	NA
-16MR01 Spot 110	1062.953	65230.02	2.294521	18.94282	0.95616	0.290831	2.434544	0.039974	2.23892	0.919647	252.6695	5.54764	259.2135	5.569595	318.7889	21.73395	252.6695	5.54764	NA
-16MR01 Spot 221	2178.771	168246.3	1.858801	19.07335	0.743681	0.294253	1.384704	0.040723	1.168052	0.843539	257.3102	2.946323	261.9013	3.19661	303.1955	16.95823	257.3102	2.946323	NA
-16MR01 Spot 3	1206.997	292335.9	1.242689	19.40637	0.89984	0.290171	1.496193	0.040859	1.195358	0.798933	258.154	3.024893	258.6938	3.416847	263.5655	20.65686	258.154	3.024893	NA
-16MR01 Spot 287	702.0116	45506.88	2.811738	19.58604	1.031332	0.2889	1.461912	0.041056	1.036119	0.708742	259.378	2.634115	257.6928	3.327213	242.3677	23.75721	259.378	2.634115	NA
-16MR01 Spot 275	245.9128	135856.9	14.72124	19.46368	1.295966	0.292112	1.568401	0.041254	0.883377	0.563234	260.5991	2.256162	260.2206	3.600299	256.7998	29.76567	260.5991	2.256162	NA
-16MR01 Spot 132	397.9526	12462.77	4.341296	19.97194	0.892865	0.289178	1.564425	0.041906	1.284608	0.821137	264.6347	3.330685	257.9122	3.563188	197.2243	20.75702	264.6347	3.330685	NA
-16MR01 Spot 18	794.8767	72693.73	1.96724	18.87606	0.800053	0.317179	1.310584	0.043441	1.038049	0.792051	274.129	2.785938	279.7302	3.204466	326.8093	18.15628	274.129	2.785938	NA
-16MR01 Spot 248	421.5379	81631.4	3.965418	7.910219	5.953962	0.804919	6.196728	0.046199	1.71749	0.277161	291.1406	4.889077	599.5998	28.06709	2047.971	105.2808	291.1406	4.889077	NA
-16MR01 Spot 229	537.3009	507890.9	1.103561	18.75272	0.884867	0.383603	1.308726	0.052196	0.964248	0.736784	327.9871	3.083502	329.6855	3.684265	341.7079	20.00924	327.9871	3.083502	NA
-16MR01 Spot 65	256.9921	14219.12	1.735995	18.6486	1.081296	0.387521	1.841649	0.052436	1.490795	0.809489	329.4598	4.788173	332.557	5.222715	354.303	24.42442	329.4598	4.788173	NA
-16MR01 Spot 54	391.9015	16913.47	1.244483	18.97103	1.246162	0.38479	1.495168	0.052967	0.826201	0.552581	332.7095	2.679118	330.5564	4.21854	315.4063	28.3223	332.7095	2.679118	NA

-16MR01 Spot 263	190.2352	7160.366	1.821937	18.75183	0.988868	0.392983	1.88913	0.053469	1.609643	0.852055	335.7864	5.266606	336.546	5.411573	341.7977	22.36439	335.7864	5.266606	NA	
-16MR01 Spot 135	374.8724	116449.7	1.461071	18.41482	0.79953	0.401899	1.166461	0.0537	0.849343	0.728136	337.1962	2.790338	343.0247	3.395487	382.6807	17.96959	337.1962	2.790338	NA	
-16MR01 Spot 196	244.4689	39395	1.832177	18.83136	0.998093	0.399063	1.517161	0.054527	1.142623	0.753132	342.2544	3.808678	340.9682	4.394083	332.1869	22.63443	342.2544	3.808678	NA	
-16MR01 Spot 213	250.6501	12894.76	2.156343	19.37273	1.082382	0.388832	1.567148	0.054656	1.133314	0.72317	343.0455	3.78615	333.5157	4.455071	267.5464	24.82276	343.0455	3.78615	NA	
-16MR01 Spot 1	385.3012	59669.86	1.603003	19.05485	0.862064	0.396622	1.297889	0.054837	0.970238	0.747551	344.1469	3.251482	339.195	3.742547	305.4152	19.62952	344.1469	3.251482	NA	
-16MR01 Spot 40	135.1529	10523.48	1.923722	18.49012	1.591121	0.415548	2.18411	0.05575	1.496218	0.685047	349.7298	5.093312	352.8623	6.510384	373.5035	35.81981	349.7298	5.093312	NA	
-16MR01 Spot 178	388.9173	21035.59	2.736314	18.95559	1.040101	0.406064	1.904621	0.055849	1.595547	0.837724	350.3344	5.440576	346.0364	5.585111	317.2571	23.63825	350.3344	5.440576	NA	
-16MR01 Spot 207	682.7863	109447.2	5.00713	18.82484	0.967518	0.410783	1.460414	0.056109	1.093946	0.749066	351.9183	3.7466	349.4391	4.317785	333.012	21.94018	351.9183	3.7466	NA	
-16MR01 Spot 220	2018.697	99997.53	3.889157	18.481	0.610715	0.419341	1.196099	0.056232	1.028436	0.859825	352.6668	3.529527	355.5794	3.58822	374.6127	13.74569	352.6668	3.529527	NA	
-16MR01 Spot 184	1271.988	86153.68	1.396318	18.67681	0.764993	0.415266	1.476889	0.056275	1.263324	0.855395	352.9331	4.338832	352.6604	4.400165	350.8548	17.28322	352.9331	4.338832	NA	
-16MR01 Spot 162	320.8191	16086.88	1.791818	18.17152	0.998571	0.427077	1.410714	0.05631	0.996479	0.706365	353.1449	3.424363	361.0986	4.286767	412.4949	22.32597	353.1449	3.424363	NA	
-16MR01 Spot 158	231.3274	30637.74	2.201032	18.81913	0.865963	0.413763	1.277395	0.056499	0.939066	0.735142	354.2978	3.237314	351.5816	3.796053	333.6599	19.64062	354.2978	3.237314	NA	
-16MR01 Spot 90	826.7115	152246.1	2.484963	18.69517	0.960931	0.416582	1.567443	0.056509	1.238341	0.790039	354.3598	4.269755	353.604	4.680406	348.6664	21.7084	354.3598	4.269755	NA	
-16MR01 Spot 234	861.4482	2121386	1.68802	18.47566	0.728843	0.423034	1.172544	0.05671	0.918504	0.783342	355.5887	3.177649	358.2181	3.539328	375.2648	16.40222	355.5887	3.177649	NA	
-16MR01 Spot 66	292.3051	311421.9	2.734825	18.17248	0.865093	0.430738	1.119474	0.056796	0.710518	0.634689	356.1084	2.461599	363.7001	3.422146	412.3764	19.34214	356.1084	2.461599	NA	
-16MR01 Spot 309	621.1329	74670.61	1.64441	18.72351	0.776883	0.418513	1.312503	0.056857	1.057884	0.806005	356.4828	3.668799	354.987	3.93195	345.2164	17.56175	356.4828	3.668799	NA	
-16MR01 Spot 244	381.4061	56252.82	0.892423	18.35422	0.944819	0.427192	1.415855	0.056891	1.054496	0.744777	356.6928	3.659144	361.1807	4.303203	390.0853	21.20712	356.6928	3.659144	NA	
-16MR01 Spot 188	550.0046	1144639	1.864591	18.63721	0.821674	0.421072	1.817799	0.056941	1.621495	0.89201	356.9954	5.631297	356.8175	5.469159	355.6633	18.54245	356.9954	5.631297	NA	
-16MR01 Spot 217	914.5807	65921.01	0.589067	18.47289	0.725484	0.427832	1.335572	0.057345	1.12135	0.839603	359.4587	3.920472	361.6357	4.063455	375.6016	16.32525	359.4587	3.920472	NA	
-16MR01 Spot 181	659.642	25518.41	1.972767	18.70435	0.736273	0.422895	1.265864	0.057394	1.029715	0.813449	359.7546	3.602978	358.1189	3.820134	347.513	16.63939	359.7546	3.602978	NA	
-16MR01 Spot 76	289.5988	27822.92	1.954376	18.54871	0.917118	0.42806	1.265288	0.057611	0.871692	0.688928	361.0808	3.060986	361.7979	3.851052	366.376	20.64915	361.0808	3.060986	NA	
-16MR01 Spot 57	497.2777	56609.1	2.358003	18.5692	0.910572	0.429018	1.595183	0.057804	1.309759	0.821071	362.2554	4.613821	362.4791	4.862746	363.8884	20.53032	362.2554	4.613821	NA	
-16MR01 Spot 37	518.6681	34981.64	2.129822	18.35808	0.822657	0.434257	1.298313	0.057844	1.004416	0.773632	362.5034	3.540561	366.1949	3.991458	389.6136	18.4661	362.5034	3.540561	NA	
-16MR01 Spot 198	419.8713	1975065	1.652511	18.41064	0.69129	0.433026	1.506429	0.057846	1.33845	0.888492	362.5102	4.718114	365.3227	4.622121	383.1922	15.53454	362.5102	4.718114	NA	
-16MR01 Spot 53	466.8225	195542.3	1.664553	18.78733	0.750029	0.425719	1.523983	0.058033	1.326643	0.87051	363.6526	4.69082	360.1321	4.620639	337.4922	16.98025	363.6526	4.69082	NA	
-16MR01 Spot 226	320.0369	15290.95	2.687269	19.07819	1.009846	0.420085	1.225109	0.058152	0.693615	0.566166	364.3747	2.457257	356.1116	3.67984	302.624	23.00042	364.3747	2.457257	NA	
-16MR01 Spot 22	405.5081	17843.48	2.057951	18.93538	1.006957	0.424929	1.591447	0.058382	1.232372	0.774372	365.7771	4.382234	359.5692	4.818904	319.726	22.87372	365.7771	4.382234	NA	
-16MR01 Spot 296	619.888	42128.84	1.777598	18.74282	0.658078	0.431983	1.322818	0.058747	1.14751	0.867474	368.0036	4.104606	364.5835	4.051919	342.9081	14.88851	368.0036	4.104606	NA	
-16MR01 Spot 294	436.8766	32972.81	2.85508	18.3642	0.917914	0.442819	1.253618	0.059005	0.85381	0.681077	369.5697	3.066677	372.2386	3.906716	388.8653	20.60738	369.5697	3.066677	NA	
-16MR01 Spot 42	336.107	15597.73	1.95475	18.37651	0.798223	0.443045	1.492501	0.059074	1.26111	0.844964	369.9937	4.53465	372.3975	4.652814	387.3601	17.92481	369.9937	4.53465	NA	
-16MR01 Spot 295	222.1783	11940.64	1.577059	17.37272	1.076128	0.469885	1.385282	0.059231	0.872326	0.62971	370.9454	3.144514	391.1094	4.496545	512.1511	23.65416	370.9454	3.144514	NA	
-16MR01 Spot 269	663.2698	95289.42	1.720562	18.45016	0.686508	0.445306	1.328951	0.059614	1.137901	0.85624	373.2762	4.126877	373.987	4.157575	378.37	15.44017	373.2762	4.126877	NA	
-16MR01 Spot 225	476.3418	48454.9	1.575012	18.47185	0.759082	0.458311	1.237054	0.061427	0.976778	0.789601	384.2975	3.644038	383.0828	3.94758	375.7276	17.08116	384.2975	3.644038	NA	
-16MR01 Spot 245	539.0094	348941.4	1.599178	18.4564	0.809524	0.466949	1.359536	0.062532	1.09225	0.803399	391.0072	4.143833	389.0793	4.394179	377.6108	18.21033	391.0072	4.143833	NA	
-16MR01 Spot 93	290.3186	21650.47	4.004197	17.30809	1.433575	0.510638	1.679967	0.064128	0.875872	0.521363	400.683	3.40263	418.8778	5.766175	520.3192	31.44986	400.683	3.40263	77.00715	
-16MR01 Spot 100	129.3834	11707	1.222929	18.67543	1.336309	0.474317	1.803596	0.064273	1.211296	0.6716	401.5578	4.715656	394.1661	5.891848	351.0357	30.18022	401.5578	4.715656	114.3923	
-16MR01 Spot 122	1209.949	74991.78	59.15843	18.11682	0.880962	0.510175	1.551227	0.067064	1.276798	0.823089	418.4423	5.172956	418.5668	5.321097	419.2313	19.67249	418.4423	5.172956	99.8118	
-16MR01 Spot 81	91.24562	13279.52	2.186659	18.2688	1.469408	0.509989	1.666908	0.067602	0.787034	0.472152	421.6913	3.212631	418.4418	5.716538	400.5465	32.92231	421.6913	3.212631	105.279	
-16MR01 Spot 175	185.4948	2391.384	2.396364	20.49962	6.284596	0.464246	6.37619	0.069053	1.076869	0.168889	430.4471	4.483982	387.2067	20.52979	136.2922	147.7653	430.4471	4.483982	315.8266	
-16MR01 Spot 68	305.5337	86020.37	3.093383	18.24397	0.988661	0.524792	1.614773	0.06947	1.276731	0.790657	432.959	5.34618	428.3475	5.643161	403.5912	22.13862	432.959	5.34618	107.2766	
-16MR01 Spot 272	187.8725	180553.4	1.605263	16.5581	0.870011	0.806063	1.369371	0.096843	1.057478	0.772236	595.8798	6.018834	600.243	6.205726	616.7386	18.80458	595.8798	6.018834	96.61788	
-16MR01 Spot 98	173.6984	46527.72	3.850501	13.44197	0.846224	1.8356	1.384667	0.179031	1.095997	0.791524	1061.68	10.72831	1058.287	9.101649	1051.313	17.07251	1051.313	17.07251	100.9861	
-16MR01 Spot 191	499.2164	4882273	3.366967	12.82527	0.774222	2.162872	1.251012	0.201273	0.982655	0.785488	1182.154	10.61361	1169.194	8.686624	1145.28	15.38515	1145.28	15.38515	103.2197	
-16MR01 Spot 210	335.1035	202666.9	3.858682	12.7538	0.546969	2.119104	1.133471	0.196101	0.992765	0.875862	1154.34	10.49245	1155.045	7.819365	1156.349	10.84932	1156.349	10.84932	99.82627	
-16MR01 Spot 27	107.7941	30364.17	1.206095	12.32766	0.962901	2.292704	1.352307	0.205077	0.949503	0.702136	1202.535	10.41638	1210.041	9.561223	1223.441	18.90005	1223.441	18.90005	98.29118	
-16MR01 Spot 185	227.5968	24310.4	3.251706	12.09748	2.651024	1.192095	2.941085	0.104639	1.273599	0.433037	641.5382	7.777223	796.9313	16.2415	1260.4	51.79972	1260.4	51.79972	50.89959	
-16MR01 Spot 11	144.9846	39673.61	3.103825	11.72419	0.912573	2.211264	2.877652	0.18811	2.729119	0.948384	1111.127	27.85467	1184.612	20.12286	1321.364	17.68241	1321.364	17.68241	84.08939	
-16MR01 Spot 28	260.3449	70749.81	2.293299	11.2234	0.782018	2.923257	1.24786	0.238056	0.972421	0.779271	1376.583	12.05346	1387.95	9.441228	1405.449	14.97604	1405.449	14.97604	97.94614	
-16MR01 Spot 89	196.6992	220144.5	1.704125	10.02227	0.632743	3.951679	1.018731	0.287366	0.798404	0.783724	1628.354	11.4888	1624.335	8.255207	1619.118	11.77663	1619.118	11.77663	100.5704	
-16MR01 Spot 111	164.2032	41679.1	1.176866	10.01061	0.699193	3.844362	1.365267	0.279237	1.172639	0.858908	1587.517	16.5008	1602.087	11.0015	1621.286	13.00997	1621.286	13.00997	97.91716	
-16MR01 Spot 151	120.7577	71148.03	1.537345	9.82795	0.780105	3.928623	1.589331	0.28015	1.384706	0.871251	1592.119	19.53472	1619.596	12.86419	1655.476	14.45204	1655.476	14.45204	96.1729	
-16MR01 Spot 180	541.3765	40485.74	3.318344	9.615629	0.729779	4.099577	1.314321	0.286025	1.093097	0.831682	1621.636	15.6723	1654.219	10.72883	1695.834	13.45031	1695.834	13.45031	95.62471	
-16MR01 Spot 121	329.9683	614220	1.381574	9.430492	0.970998	4.043211	1.406122	0.276661	1.017026	0.723284	1574.526	14.20769	1642.933	11.44697	1731.586	17.81653	1731.586	17.81653	90.92971	
-16MR01 Spot 108	402.6623	75624.86	1.835505	9.336603	0.740998	3.950198	1.155682	0.267606	0.886862	0.767392	1528.638	12.06941	1624.032	9.364333	1749.922	13.56469	1749.922	13.56469	87.35462	
-16MR01 Spot 33	409.1353	420190.9	2.773302	9.196866	0.715098	4.736079	1.330294	0.316043	1.121747	0.843232	1770.377	17.36563	1773.647	11.15318	1777.483	13.04574	1777.483	13.04574	99.60022	
-16MR01 Spot 182	826.9416	14265069	3.734286	9.179287	0.76074	4.718472	1.406917	0.314266	1.183507	0.841206	1761.668	18.24337	1770.525	11.78797	1780.969	13.87256	1780.969	13.87256	98.91623	
-16MR01 Spot 277	124.229	33145.13	2.646428	9.035716	0.825043	5.027655	1.34991	0.329622	1.068439	0.791489	1836.548	17.07483	1823.992	11.43326	1809.669	14.9923	1809.669	14.9923	101.4853	
-16MR01 Spot 64	192.4896	65355.94	1.16916	9.034304	0.777048	4.120359	1.563642	0.270096	1.356898	0.86778	1541.287	18.60149	1658.348	12.77688	1809.953	14.11953	1809.953	14.11953	85.15618	
-16MR01 Spot 141	296.7537	136523.7	3.25858	9.008599	0.833118	5.081054	1.285878	0.332123	0.979488	0.761727	1848.663	15.74247	1832.947	10.90991	1815.13	15.12894	1815.13	15.12894	101.8474	
-16MR01 Spot 44	258.257	102868.9	1.043715	9.003037	0.641674	4.831301	1.186175	0.315603	0.997631	0.841048	1768.219	15.42783	1790.364	9.979101	1816.251	11.65032	1816.251	11.65032	97.35543	
-16MR01 Spot 19	290.0695	82879.28	1.993565	8.996296	0.571156	4.2678	1.181581	0.278584	1.034366	0.875409	1584.225	14.52846	1687.173	9.720336	1817.607	10.36805	1817.607	10.36805	87.15991	
-16MR01 Spot 80	151.0311	70708.33	2.144586	8.968453	0.815779	4.973907	1.484561	0.32367	1.240333	0.835488	1807.629	19.55154	1814.897	12.55132	1823.233	14.79939	1823.233	14.79939	99.14413	
-16MR01 Spot 118	92.91204	34495.03	0.878609	8.963523	0.76899	4.814845	1.315679	0.313147	1.067551	0.811407	1756.176	16.4113	1787.495	11.06219	1824.231	13.94874	1824.231	13.94874	96.2694	
-16MR01 Spot 306	156.5452	73075.38	1.835306	8.926789	0.75766	5.032147	1.287521	0.325939	1.040991	0.808523	1818.668	16.496	1824.748	10.90642	1831.677	13.7326	1831.677	13.7326	99.28976	
-16MR01 Spot 160	159.1498	60951.99	2.093812	8.90392	0.76694	5.043727	1.13139	0.325852	0.831773	0.735178	1818.246	13.17799	1826.695	9.587422	1836.325	13.89292	1836.325	13.89292	99.01545	
-16MR01 Spot 144	205.5021	109433.2	1.500229	8.842356	0.832122	4.502	1.299779	0.288843	0.998498	0.768206	1635.743	14.42538	1731.342	10.79942	1848.884	15.04886	1848.884	15.04886	88.4719	
-16MR01 Spot 131	483.799	295585.8	0.630861	8.835099	0.631332	5.095017	1.241553	0.326622	1.069053	0.861061	1821.986	16.96744	1835.276	10.53857	1850.369	11.41498	1850.369	11.41498	98.46608	
-16MR01 Spot 69	164.4115	77736.17	2.989861	8.817204	0.743489	5.223077	1.341384	0.334153	1.116483	0.832337	1858.479	18.02649	1856.389	11.43201	1854.031	13.43732	1854.031	13.43732	100.2399	
-16MR01 Spot 92	125.0946	36234.45	1.608665	8.811662	0.589386	5.077528	0.937031	0.324637	0.728458	0.777411	1812.335	11.50865	1832.358	7.949105	1855.167	10.65026	1855.167	10.65026	97.69117	
-16MR01 Spot 106	108.003	314964.2	2.011234	8.806721	0.797242	5.120087	1.400497	0.327174	1.151432	0.82216	1824.672	18.29824	1839.444	11.89739	1856.181	14.40525	1856.181	14.40525	98.30248	
-16MR01 Spot 91	195.0359	164963.6	2.568881	8.786213	0.710861	5.166112	1.316141	0.329347	1.107657	0.841594	1835.214	17.69047	1847.051	11.19702	1860.393	12.83768	1860.393	12.83768	98.64659	
-16MR01 Spot 70	138.6456	352931.9	5.875068	8.76255	0.80529	5.326275	1.413367	0.338643	1.161514	0.821806	1880.137	18.94179	1873.089	12.08317	1865.262	14.53477	1865.262	14.53477	100.7975	
-16MR01 Spot 232	151.6112	79544.28	1.452214	8.738748	0.573317	5.39718	1.017287	0.342219	0.840345	0.826065	1897.335	13.81202	1884.406	8.714899	1870.171	10.34302	1870.171	10.34302	101.4525	
-16MR01 Spot 4	63.95603	93021.56	1.966443	8.647854	0.724829	5.493893	1.424814	0.344728	1.226669	0.860933	1909.374	20.27165	1899.642	12.24008	1889.012	13.04495	1889.012	13.04495	101.0779	
-16MR01 Spot 31	152.0653	50737.63	1.18648	8.601441	0.780288	5.298	1.322025	0.330652	1.067193	0.807241	1841.54	17.09499	1868.541	11.29268	1898.689	14.02702	1898.689	14.02702	96.9901	
-16MR01 Spot 211	143.3019	112046.2	3.429888	8.31918	0.782916	5.7996	1.440091	0.350079	1.208679	0.839307	1934.977	20.20402	1946.351	12.47259	1958.461	13.97494	1958.461	13.97494	98.80087	
-16MR01 Spot 112	248.5332	144337.5	2.255333	8.265525	0.841353	5.526456	1.345521	0.33144	1.050024	0.780385	1845.357	16.85008	1904.721	11.56934	1970	14.99796	1970	14.99796	93.67295	
-16MR01 Spot 82	596.4314	286215.5	0.707322	8.19661	0.47667	6.099885	1.11047	0.36278	1.002961	0.903186	1995.339	17.21159	1990.231	9.687691	1984.914	8.483353	1984.914	8.483353	100.5252	
-16MR01 Spot 41	200.0811	658460.5	1.278049	8.185025	0.601551	5.884665	0.918463	0.349486	0.694053	0.755669	1932.143	11.58705	1958.975	7.971487	1987.431	10.70277	1987.431	10.70277	97.2181	
-16MR01 Spot 58	226.611	310780.2	2.293822	8.113798	0.607531	6.109515	1.205732	0.359682	1.041487	0.86378	1980.666	17.76048	1991.607	10.52114	2002.963	10.78767	2002.963	10.78767	98.88679	
-16MR01 Spot 241	224.0518	113522.8	1.987755	8.046628	0.945416	6.171909	1.543929	0.360347	1.220617	0.790591	1983.819	20.84349	2000.479	13.49173	2017.714	16.76223	2017.714	16.76223	98.32014	
-16MR01 Spot 237	204.5971	379682.3	7.359296	8.03447	0.59278	5.938173	1.092716	0.346177	0.917954	0.840067	1916.316	15.21723	1966.836	9.496367	2020.395	10.50657	2020.395	10.50657	94.84859	
-16MR01 Spot 200	249.2177	72583.15	1.421902	7.940094	0.476717	6.294641	1.630172	0.362647	1.558911	0.956286	1994.71	26.74502	2017.708	14.28431	2041.308	8.427061	2041.308	8.427061	97.71723	
-16MR01 Spot 143	492.2256	123167.9	0.649708	7.822918	0.671449	5.737886	1.380791	0.325693	1.206541	0.873804	1817.472	19.10852	1937.093	11.94005	2067.557	11.83472	2067.557	11.83472	87.90434	
-16MR01 Spot 125	236.9957	106623.8	1.547837	7.776306	0.688827	6.490262	1.142708	0.366204	0.911756	0.797891	2011.515	15.75452	2044.579	10.05413	2078.081	12.12664	2078.081	12.12664	96.79673	
-16MR01 Spot 231	308.3851	103770.8	1.592693	7.277381	0.714149	7.346407	1.150235	0.387916	0.901683	0.783912	2113.157	16.24605	2154.471	10.28032	2194.068	12.41108	2194.068	12.41108	96.31225	
-16MR01 Spot 216	279.4623	522457.2	1.322296	7.091754	0.446476	7.897662	0.874522	0.406387	0.751963	0.859856	2198.383	14.00717	2219.413	7.881919	2238.866	7.722963	2238.866	7.722963	98.19179	
-16MR01 Spot 251	67.94522	79597.43	1.456495	6.951617	0.78556	7.935617	1.287116	0.400271	1.01959	0.792151	2170.288	18.78829	2223.735	11.60707	2273.32	13.53582	2273.32	13.53582	95.46776	
-16MR01 Spot 292	251.1882	106531.9	0.771755	6.101662	0.54491	10.73667	0.920154	0.475341	0.741455	0.805795	2506.941	15.39986	2500.602	8.547226	2495.445	9.177846	2495.445	9.177846	100.4607	
-16MR01 Spot 281	71.78038	55057.31	1.682715	5.924745	0.672435	10.84213	1.262308	0.466092	1.068294	0.846302	2466.401	21.89381	2509.685	11.73544	2544.876	11.26751	2544.876	11.26751	96.91637	
-16MR01 Spot 197	284.5869	921115.3	1.883118	5.839328	0.691776	11.85864	1.349799	0.502442	1.159053	0.858685	2624.281	24.98685	2593.305	12.64042	2569.181	11.56734	2569.181	11.56734	102.1447	
-16MR01 Spot 78	418.3713	641691.8	2.610637	5.542803	0.786001	12.44587	1.258076	0.500544	0.982323	0.780813	2616.133	21.12358	2638.647	11.82478	2655.945	13.03383	2655.945	13.03383	98.50103	
-16MR01 Spot 219	257.6311	157885.5	1.126156	5.518162	0.634234	9.901015	1.204128	0.396426	1.023558	0.850041	2152.561	18.73165	2425.604	11.10536	2663.331	10.50962	2663.331	10.50962	80.82214	

Member: Polychrome
Sample: 071920BK-01

				Isotope ratios							Apparent ages (Ma)							
Analysis	U (ppm)	206Pb 204Pb	U/Th	206Pb* 207Pb*	± (%)	207Pb* 235U	± (%)	206Pb* 238U	± (%)	error corr.	206Pb* 238U	± (Ma)	207Pb* 235U	± (Ma)	206Pb* 207Pb*	± (Ma)	Best age (Ma)	± (Ma)	Conc (%)
071920BK-01_ 1	1264.512	3261.731	3.311973	17.94902	3.973814	0.255116	7.903876	0.035267	0.739886	0.093611	223.4279	1.624792	230.7237	16.31404	306.7108	179.4985	223.4279	1.624792	72.84644	
071920BK-01_ 2	449.2	687.2128	1.951494	12.69005	9.439034	0.235002	29.32822	0.028876	2.091503	0.071314	183.5112	3.784028	214.3192	56.72448	568.9505	NA	183.5112	3.784028	32.25434	

071920BK-01_ 3	315.1672	11626.94	1.451009	7.618167	1.171948	6.845866	1.457152	0.372762	0.655953	0.450161	2042.385	11.48228	2091.676	12.91058	2141.287	22.74732	2141.287	22.74732	95.3812
071920BK-01_ 4	298.5001	455.1041	9.111932	11.63832	13.29613	0.20862	36.58781	0.027488	2.444871	0.066822	174.8075	4.216392	192.3941	64.21125	414.9682	NA	174.8075	4.216392	42.12552
071920BK-01_ 5	90.40287	1972.034	2.614226	5.841497	1.556859	11.08526	2.566387	0.47636	0.781205	0.304399	2511.394	16.24904	2530.321	23.90684	2546.251	40.96847	2546.251	40.96847	98.63101
071920BK-01_ 6	318.3128	512.4958	1.693377	9.873459	14.80149	0.246468	38.06689	0.023781	3.171089	0.083303	151.5062	4.748378	223.7028	76.57351	1073.891	790.4401	151.5062	4.748378	14.10815
071920BK-01_ 7	735.4628	386.0991	5.414082	9.355311	18.28981	0.115649	42.99281	0.011753	5.089882	0.118389	75.32074	3.811427	111.12	45.28233	968.8518	913.0632	75.32074	3.811427	7.774227
071920BK-01_ 8	1415.458	2281.822	1.470403	18.48714	3.123184	0.170933	6.481004	0.025378	1.073341	0.165613	161.5555	1.712493	160.2282	9.606799	141.6763	NA	161.5555	1.712493	114.0314
071920BK-01_ 9	462.0607	1253.952	2.825211	17.4081	7.31911	0.198516	15.46157	0.030744	1.956186	0.126519	195.2039	3.761316	183.8702	26.00944	41.67087	NA	195.2039	3.761316	468.442
071920BK-01_ 10	900.9615	884.6116	2.469758	15.71085	7.958301	0.100655	20.5093	0.015159	1.664193	0.081143	96.98762	1.60198	97.38094	19.04656	108.0557	NA	96.98762	1.60198	89.75708
071920BK-01_ 11	2073.25	5173.155	3.088169	19.00993	2.4042	0.285326	4.085727	0.040706	0.771785	0.188898	257.2077	1.946011	254.8734	9.209555	234.4767	92.62624	257.2077	1.946011	109.6944
071920BK-01_ 13	663.3596	442.0268	2.6915	10.95362	10.78838	0.09286	21.15327	0.011281	2.219098	0.104906	72.31557	1.595786	90.16384	18.25228	593.6825	460.6258	72.31557	1.595786	12.18085
071920BK-01_ 14	278.3891	148.9482	3.522288	8.289648	22.88012	0.027432	136.4363	0.010924	6.264851	0.045918	70.03946	4.364118	27.47845	37.00422	NA	NA	70.03946	4.364118	
071920BK-01_ 15	737.6117	1659.436	4.845596	15.57586	4.899289	0.438878	7.27067	0.05614	0.738521	0.101575	352.1072	2.530645	369.4607	22.52138	480.762	160.0106	352.1072	2.530645	73.23939
071920BK-01_ 16	1603.559	1267.092	1.070217	16.38164	8.585092	0.102531	14.42571	0.014706	0.931328	0.06456	94.11047	0.87011	99.10986	13.62251	222.1306	NA	94.11047	0.87011	42.36718
071920BK-01_ 17	1018.526	748.1391	4.416978	14.56124	7.079214	0.078837	14.24448	0.01141	2.880037	0.202186	73.14005	2.094556	77.05118	10.56983	201.1095	NA	73.14005	2.094556	36.36827
071920BK-01_ 18	340.2521	259.3668	2.39816	9.444091	17.37414	0.093848	67.92604	0.013554	4.875464	0.071776	86.78822	4.202973	91.08122	59.24132	206.0784	NA	86.78822	4.202973	42.11417
071920BK-01_ 19	211.282	297.5801	2.537571	8.704842	20.42384	0.263033	53.9028	0.028177	3.848916	0.071405	179.1293	6.799628	237.1079	114.4644	860.3802	NA	179.1293	6.799628	20.81978
071920BK-01_ 20	1538.405	1310.172	2.397545	14.35895	8.828251	0.1196	10.68413	0.014558	0.954539	0.089342	93.17163	0.882964	114.7094	11.58929	589.3885	231.3985	93.17163	0.882964	15.80819
071920BK-01_ 21	386.4184	12077.2	1.014586	5.201422	0.644653	14.15081	0.877704	0.527129	0.542055	0.617583	2729.343	12.06154	2759.866	8.32402	2782.97	11.3091	2782.97	11.3091	98.07302
071920BK-01_ 22	129.9143	220.5401	2.695037	9.644384	23.56535	0.15745	184.3591	0.031265	5.522517	0.029955	198.4614	10.79308	148.4686	260.1944	NA	NA	198.4614	10.79308	
071920BK-01_ 23	163.368	274.3593	1.385463	9.411251	14.28924	0.203528	43.77454	0.027458	4.468801	0.102087	174.6187	7.698626	188.1074	75.30353	361.9522	NA	174.6187	7.698626	48.24357
071920BK-01_ 24	756.2527	546.732	5.922739	11.16411	13.6427	0.096413	33.47041	0.010887	2.409219	0.071981	69.8001	1.672566	93.45956	29.89348	750.1313	724.412	69.8001	1.672566	9.305051
071920BK-01_ 25	623.328	608.5405	1.015489	11.71645	18.61813	0.135651	22.53314	0.015709	3.094285	0.137321	100.479	3.085003	129.1628	27.33597	696.5632	481.1466	100.479	3.085003	14.42497
071920BK-01_ 26	1379.639	1423.344	3.104304	17.99244	3.661705	0.107342	10.93564	0.016928	1.66722	0.152458	108.2111	1.789059	103.5314	10.76414	NA	NA	108.2111	1.789059	
071920BK-01_ 27	181.6286	185.9242	2.041607	5.557196	16.48181	0.22819	56.03965	0.015271	5.992655	0.106936	97.69921	5.810636	208.7033	106.1043	1773.05	1117.173	97.69921	5.810636	5.510235
071920BK-01_ 28	177.9058	334.5602	2.446473	8.660873	18.56477	0.344901	39.61143	0.03359	2.309677	0.058308	212.9784	4.838742	300.8786	103.5035	1055.131	829.0782	212.9784	4.838742	20.18502
071920BK-01_ 29	885.8983	555.0922	2.905989	10.71371	9.729926	0.103693	38.68949	0.010873	2.183444	0.056435	69.71246	1.513932	100.1793	36.92448	904.6289	826.5453	69.71246	1.513932	7.706195
071920BK-01_ 30	342.6673	503.5588	5.57405	10.19902	9.133442	0.302811	23.70228	0.03076	2.002088	0.084468	195.3041	3.851523	268.5933	55.9951	969.715	488.4147	195.3041	3.851523	20.14036
071920BK-01_ 31	142.9702	289.3551	2.991784	7.425991	33.37538	0.409442	42.86597	0.033579	4.018542	0.093747	212.9086	8.416081	348.4734	127.1007	1392.771	860.0644	212.9086	8.416081	15.28669
071920BK-01_ 32	269.138	115.9535	3.92522	6.750735	20.46313	0.028896	647.146	0.012969	6.759727	0.010445	83.06508	5.578953	28.92498	186.6191	NA	NA	83.06508	5.578953	
071920BK-01_ 33	864.7864	1052.449	2.242934	13.85286	6.711385	0.137293	23.8034	0.016699	1.428157	0.059998	106.7617	1.512169	130.6299	29.18531	591.0578	521.9683	106.7617	1.512169	18.06282
071920BK-01_ 34	385.1129	665.468	2.512582	13.91853	7.688477	0.213351	25.12588	0.030599	2.458234	0.097837	194.2931	4.704923	196.3612	44.88932	222.3116	NA	194.2931	4.704923	87.39676
071920BK-01_ 35	476.8478	739.939	2.932734	14.61502	9.809675	0.206166	41.12983	0.030319	1.646419	0.04003	192.5416	3.123167	190.3301	71.50124	163.9814	NA	192.5416	3.123167	117.4167
071920BK-01_ 36	1007.686	1102.072	1.788892	14.19109	7.70161	0.13138	22.92549	0.016379	1.824183	0.07957	104.7284	1.895003	125.3373	27.0379	537.4033	506.0623	104.7284	1.895003	19.48785
071920BK-01_ 37	743.6232	1337.169	3.055424	14.65376	7.157944	0.222508	16.95255	0.027686	1.468981	0.086653	176.0477	2.551114	203.9949	31.33982	541.5803	371.686	176.0477	2.551114	32.5063
071920BK-01_ 38	1326.949	1081.821	2.203253	14.95406	7.880798	0.123678	11.38486	0.016307	0.962189	0.084515	104.2761	0.995262	118.4013	12.72424	413.4088	254.3051	104.2761	0.995262	25.2235
071920BK-01_ 39	444.5758	779.7536	2.015267	11.65758	11.48393	0.297883	25.69477	0.030964	1.676837	0.06526	196.5759	3.246507	264.7457	59.95005	922.6265	535.3931	196.5759	3.246507	21.30612
071920BK-01_ 40	403.9512	747.0983	2.872919	10.94212	9.386668	0.295357	11.65805	0.02861	2.655782	0.227807	181.8417	4.761842	262.7672	26.99701	1066.014	228.9287	181.8417	4.761842	17.0581
071920BK-01_ 42	109.9799	2618.792	0.974449	8.964637	2.868896	5.031682	3.874349	0.331154	0.858681	0.221632	1843.972	13.77058	1824.67	32.82878	1803.485	68.72933	1803.485	68.72933	102.2449
071920BK-01_ 43	533.4581	1071.064	3.005125	14.18498	7.169509	0.257517	8.542921	0.031684	1.89271	0.221553	201.0762	3.747046	232.6638	17.76529	566.1542	181.6799	201.0762	3.747046	35.51615
071920BK-01_ 44	89.52946	283.2497	1.452475	4.822203	21.46708	0.768751	27.60784	0.032828	6.240002	0.226023	208.2264	12.78574	579.0462	122.4275	2556.756	459.5093	208.2264	12.78574	8.144164
071920BK-01_ 45	308.6611	586.1928	3.221122	13.51542	9.95035	0.210068	22.018	0.030017	2.663286	0.120959	190.6538	5.003305	193.6096	38.83016	230.7766	NA	190.6538	5.003305	82.614
071920BK-01_ 46	516.766	9101.463	1.884269	8.707174	0.837852	5.144778	1.221837	0.316991	0.584862	0.478674	1775.018	9.07478	1843.532	10.38769	1922.532	19.23109	1922.532	19.23109	92.32713
071920BK-01_ 47	3152.244	2585.83	1.982577	17.87399	3.606806	0.081654	10.09588	0.011349	0.781646	0.077422	72.74526	0.565414	79.69907	7.738792	294.4677	230.2979	72.74526	0.565414	24.70399
071920BK-01_ 48	834.1355	546.866	3.129315	8.015044	20.03238	0.163697	31.87014	0.011487	2.025141	0.063544	73.62596	1.482547	153.9341	45.55184	1686.066	603.0382	73.62596	1.482547	4.36673
071920BK-01_ 49	505.0756	864.4271	1.850681	14.43561	11.71114	0.208697	15.65152	0.027459	1.488326	0.095091	174.6225	2.564068	192.4591	27.44681	418.1953	349.8564	174.6225	2.564068	41.75621
071920BK-01_ 50	158.2079	387.5316	4.118733	8.586951	24.21696	0.394003	50.83202	0.0341	4.538228	0.089279	216.1596	9.647175	337.2894	146.8989	1288.727	1058.519	216.1596	9.647175	16.77311
071920BK-01_ 51	546.8195	865.042	4.923352	17.11794	6.638517	0.178091	14.06804	0.029886	1.345815	0.095665	189.8353	2.51758	166.4167	21.59695	NA	NA	189.8353	2.51758	
071920BK-01_ 53	352.5064	357.5731	2.027411	9.399195	18.42397	0.141772	26.22381	0.015183	5.125209	0.195441	97.13838	4.941224	134.6207	33.07422	860.9879	542.2177	97.13838	4.941224	11.2822
071920BK-01_ 54	2050.949	1311.811	4.537983	15.18457	5.79143	0.087656	18.90233	0.01134	1.449359	0.076676	72.69119	1.047639	85.31744	15.46923	455.7964	421.5342	72.69119	1.047639	15.94817
071920BK-01_ 55	683.4606	1287.046	2.296065	14.65738	7.99829	0.226008	11.68528	0.028109	1.465468	0.125411	178.6993	2.582817	206.898	21.87597	542.5832	254.1973	178.6993	2.582817	32.93491
071920BK-01_ 56	185.4479	318.5291	2.321075	9.260354	16.22207	0.273418	34.94499	0.03092	5.081795	0.145423	196.3039	9.825412	245.4228	76.32871	746.9407	752.1907	196.3039	9.825412	26.28106
071920BK-01_ 57	604.3987	712.6611	2.740939	13.32529	16.38852	0.124863	27.08008	0.016081	2.309122	0.08527	102.8415	2.355894	119.4709	30.53118	465.6985	NA	102.8415	2.355894	22.08328
071920BK-01_ 58	437.5461	1554.358	1.637895	15.22813	5.297573	0.432886	12.60618	0.053067	1.141413	0.090544	333.3238	3.707914	365.224	38.68884	574.037	273.9643	333.3238	3.707914	58.0666
071920BK-01_ 59	270.0865	2820.469	3.141288	13.17364	2.905843	1.853146	6.181666	0.180515	0.894579	0.144715	1069.788	8.818189	1064.55	40.79009	1054.727	123.3145	1054.727	123.3145	101.4279
071920BK-01_ 60	229.2157	438.7308	2.53321	11.68508	11.20492	0.218774	57.76411	0.028941	3.588516	0.062124	183.9196	6.506724	200.8892	105.6634	406.0287	NA	183.9196	6.506724	45.29719
071920BK-01_ 61	720.8717	1466.002	2.022457	13.72941	7.770622	0.267997	13.62358	0.029371	1.076849	0.079043	186.6089	1.98069	241.0907	29.24505	812.9359	285.1913	186.6089	1.98069	22.95494
071920BK-01_ 62	732.2382	14966.31	2.244069	9.199043	0.891573	4.916157	1.264486	0.320219	0.712247	0.56327	1790.8	11.13654	1805.033	10.66955	1822.284	18.95726	1822.284	18.95726	98.27226
071920BK-01_ 63	84.76907	214.9092	3.997471	6.868729	15.28739	0.366065	53.02	0.032363	9.80792	0.184985	205.3178	19.82016	316.7332	145.2463	1247.27	1100.836	205.3178	19.82016	16.46138
071920BK-01_ 64	707.4706	776.1566	7.634819	9.886536	19.1807	0.150581	21.37287	0.012797	3.04266	0.142361	81.97214	2.478343	142.425	28.40924	1324.121	414.3341	81.97214	2.478343	6.190682
071920BK-01_ 65	85.30009	194.9199	2.319839	5.984999	40.79798	0.441006	51.68222	0.032378	3.108788	0.060152	205.4126	6.285175	370.9618	161.9614	1602.132	1039.486	205.4126	6.285175	12.82121
071920BK-01_ 66	1121.067	1068.76	1.432758	13.93171	7.208746	0.12438	10.98034	0.015083	1.820337	0.165781	96.50401	1.743614	119.0353	12.33403	597.5989	235.1629	96.50401	1.743614	16.14863
071920BK-01_ 67	470.2265	1076.535	2.257637	14.24211	6.713721	0.231373	23.80003	0.028789	2.222374	0.093377	182.9659	4.009024	211.3314	45.43809	541.5461	524.8474	182.9659	4.009024	33.78584
071920BK-01_ 68	206.6819	523.0459	2.289006	8.552187	20.16163	0.369097	23.66515	0.028819	6.202976	0.262114	183.155	11.2012	318.9839	64.86876	1486.39	438.3841	183.155	11.2012	12.32214
071920BK-01_ 70	164.6187	395.1983	4.061321	7.333625	12.46058	0.468485	23.89768	0.032498	4.146574	0.173514	206.1605	8.413352	390.1418	77.56311	1707.281	439.4864	206.1605	8.413352	12.07537
071920BK-01_ 71	348.199	922.8244	1.293685	11.9182	5.560494	0.287046	14.40071	0.029594	2.83641	0.196963	188.007	5.25564	256.2316	32.62275	939.3732	290.7795	188.007	5.25564	20.01409
071920BK-01_ 72	311.386	613.2052	1.601599	9.576533	9.115204	0.331166	11.56068	0.028668	1.757569	0.15203	182.206	3.157561	290.4557	29.21103	1288.314	223.1187	182.206	3.157561	14.14298
071920BK-01_ 73	92.18832	1242.708	1.196165	10.1885	7.751713	2.92475	8.39012	0.238141	0.98275	0.117132	1377.026	12.18501	1388.336	63.56846	1406.577	159.8094	1406.577	159.8094	97.89907
071920BK-01_ 74	1963.661	1540.048	7.407209	16.51513	7.424487	0.108901	8.919648	0.015163	1.236804	0.138661	97.01649	1.19092	104.9596	8.894628	290.2539	202.1562	97.01649	1.19092	33.42469
071920BK-01_ 76	787.1935	1128.374	2.74192	15.01273	7.571617	0.203238	9.387048	0.02691	1.408884	0.150088	171.1807	2.379999	187.8625	16.10085	404.0343	208.1759	171.1807	2.379999	42.36787
071920BK-01_ 77	1811.745	1360.357	5.79647	13.97887	7.473576	0.100015	9.014455	0.011671	1.550884	0.172044	74.79924	1.153346	96.79049	8.322368	680.2971	190.0534	74.79924	1.153346	10.99508
071920BK-01_ 78	207.761	363.4196	4.230783	10.07994	15.5702	0.256663	51.01628	0.030775	3.197987	0.062686	195.3973	6.155029	231.9738	106.1846	621.9596	NA	195.3973	6.155029	31.4164
071920BK-01_ 79	231.6518	190.0724	5.952632	6.22267	17.65575	0.172182	52.71579	0.014032	5.656788	0.107307	89.82769	5.046123	161.3108	78.78319	1404.865	1085.668	89.82769	5.046123	6.394045
071920BK-01_ 80	307.7521	581.5391	1.624071	11.88919	11.87532	0.261258	18.78691	0.031294	2.182497	0.116171	198.6408	4.269217	235.6804	39.53399	624.1845	405.5978	198.6408	4.269217	31.82405
071920BK-01_ 81	241.0659	653.4883	3.093205	8.659687	18.13246	0.400425	22.20603	0.030095	3.277287	0.147585	191.1422	6.17232	341.9562	64.55749	1558.324	417.1791	191.1422	6.17232	12.26588
071920BK-01_ 82	1884.097	1253.977	5.091392	14.0141	7.726336	0.09543	10.07279	0.011309	1.322419	0.131286	72.49405	0.953305	92.54931	8.910297	647.2501	214.9948	72.49405	0.953305	11.20031
071920BK-01_ 83	421.6598	1192.98	1.730215	16.07556	6.047878	0.380353	8.003592	0.053911	1.041726	0.130157	338.4882	3.435143	327.2976	22.39658	249.4476	182.8827	338.4882	3.435143	135.6951
071920BK-01_ 84	1263.555	2302.578	2.942385	17.34874	4.042212	0.250454	8.90524	0.03462	0.950771	0.106765	219.3996	2.050889	226.945	18.11265	306.8726	202.0213	219.3996	2.050889	71.49535
071920BK-01_ 85	896.184	757.4837	3.599582	14.01645	7.89546	0.099589	14.66056	0.013581	1.897089	0.129401	86.96251	1.638678	96.39673	13.483	337.5679	330.8466	86.96251	1.638678	25.76148
071920BK-01_ 86	1188.933	4121.03	4.236491	10.156	1.589038	1.277095	2.771613	0.095169	1.16665	0.420928	586.0363	6.535427	835.5593	15.78482	1574.283	47.07652	1574.283	47.07652	37.2256
071920BK-01_ 87	251.6582	531.3241	1.968173	8.513944	22.77439	0.385634	30.57619	0.029959	2.858024	0.093472	190.2921	5.359107	331.1751	86.61472	1495.942	589.9772	190.2921	5.359107	12.72055
071920BK-01_ 88	1266.722	1575.476	3.22906	16.81527	4.40767	0.103671	11.58954	0.014696	1.736228	0.14981	94.04412	1.620968	100.1589	11.05425	249.2644	NA	94.04412	1.620968	37.72866
071920BK-01_ 89	315.6525	685.8196	1.958485	11.84896	9.991387	0.252236	19.84095	0.028299	2.770611	0.139641	179.8936	4.91525	228.3911	40.60177	763.7025	417.8392	179.8936	4.91525	23.55545
071920BK-01_ 90	153.722	2285.859	3.983604	8.8295	2.961636	4.919968	3.574361	0.325695	0.716759	0.200528	1817.482	11.35167	1805.687	30.17165	1792.874	63.78324	1792.874	63.78324	101.3726
071920BK-01_ 91	164.7345	266.0016	5.013147	9.682314	17.59358	0.202841	35.02152	0.030092	4.113993	0.11747	191.121	7.747296	187.527	60.03681	143.5465	NA	191.121	7.747296	133.1422
071920BK-01_ 92	1909.566	1379.159	2.515474	16.66376	3.87233	0.104035	14.57511	0.014982	0.943528	0.064736	95.8615	0.897788	100.4943	13.94653	212.8113	NA	95.8615	0.897788	45.04531
071920BK-01_ 93	273.984	605.1091	3.490432	13.83928	11.12204	0.229301	27.34845	0.034	2.577352	0.094241	215.5316	5.463173	209.6218	51.84275	144.7042	NA	215.5316	5.463173	148.9464
071920BK-01_ 94	127.5985	4853.292	0.782744	5.374957	1.303842	12.97201	1.516044	0.504171	0.646123	0.42619	2631.697	13.96095	2677.622	14.29285	2713.191	22.61727	2713.191	22.61727	96.99638
071920BK-01_ 95	465.0213	1438.053	1.634509	14.80186	7.39433	0.457806	12.24261	0.056614	0.956767	0.078151	355.003	3.304722	382.7311	39.05709	554.9834	267.1687	355.003	3.304722	63.96642
071920BK-01_ 96	289.6816	1086.289	1.89687	14.11152	10.57744	0.464027	16.6162	0.057352	1.215073	0.073126	359.5013	4.248634	387.0544	53.52509	556.2292	363.7119	359.5013	4.248634	64.63187
071920BK-01_ 97	949.0457	664.8255	5.004972	13.13967	7.788722	0.087876	18.57716	0.011543	1.979583	0.10656	73.98631	1.456247	85.52257	15.23812	421.8002	415.4527	73.98631	1.456247	17.54061
071920BK-01_ 98	198.313	145.6401	1.63015	5.457763	24.00829	0.135623	66.92632	0.011087	7.815911	0.116784	71.08116	5.525124	129.1375	81.33027	1398.834	1466.276	71.08116	5.525124	5.08146
071920BK-01_ 99	864.1215	14521.21	6.189943	9.206791	0.825226	4.316516	1.06383	0.283587	0.640038	0.601636	1609.401	9.115602	1696.521	8.770393	1806.683	15.44708	1806.683	15.44708	89.08044
071920BK-01_ 100	675.9827	21277.21	8.767398	5.792098	0.642553	11.81374	0.918319	0.484898	0.643562	0.700804	2548.567	13.54762	2589.753	8.596974	2622.845	10.89704	2622.845	10.89704	97.16801
071920BK-01_ 101	1069.996	1820.996	4.329809	17.79683	3.542413	0.211185	5.606725	0.031009	0.883306	0.157544	196.8606	1.712599	194.5463	9.9267	167.5597	129.4047	196.8606	1.712599	117.4869
071920BK-01_ 102	1545.122	1790.069	2.556639	17.19203	5.108839	0.106438	11.84249	0.015007	1.095613	0.092515	96.02058	1.044218	102.7018	11.56808	261.6464	NA	96.02058	1.044218	36.6986
071920BK-01_ 103	625.412	1954.92	4.965944	15.89523	5.877311	0.450744	7.734753	0.057619	1.01721	0.131512	361.1294	3.572445	377.8005	24.40616	482.2905	169.6059	361.1294	3.572445	74.87799
071920BK-01_ 104	318.5386	658.8526	1.981001	12.7044	9.646634	0.227627	17.19826	0.028515	2.496263	0.145146	181.25	4.461463	208.2381	32.39064	526.7791	375.4778	181.25	4.461463	34.40721
071920BK-01_ 105	1065.036	2925.643	2.273355	16.59407	4.60683	0.284932	7.496282	0.036543	1.915212	0.255488	231.3685	4.35262	254.5628	16.88019	475.0254	160.4928	231.3685	4.35262	48.70655
071920BK-01_ 106	843.8672	1985.046	1.982329	14.16392	8.261869	0.250417	9.421221	0.028035	1.617043	0.171638	178.2376	2.842699	226.9147	19.16008	768.205	195.848	178.2376	2.842699	23.20183
071920BK-01_ 107	1594.193	1858.485	2.362583	15.23608	6.56355	0.123184	8.505548	0.015157	1.405919	0.165294	96.97494	1.353185	117.9542	9.472115	565.9964	182.9526	96.97494	1.353185	17.13349
071920BK-01_ 108	910.9712	577.9902	6.789685	13.83992	11.23095	0.071825	36.32064	0.010892	1.810619	0.049851	69.83309	1.257587	70.43024	24.71858	91.78734	NA	69.83309	1.257587	76.08139
071920BK-01_ 109	188.9214	378.4879	3.682628	9.294074	19.13825	0.348765	37.42121	0.035403	2.670538	0.071364	224.2782	5.886446	303.792	98.56111	971.1231	788.6307	224.2782	5.886446	23.09473
071920BK-01_ 110	349.437	1042.99	2.318763	13.84179	8.605533	0.480653	20.68242	0.058344	1.244692	0.060181	365.5474	4.423341	398.5205	68.27523	595.4308	451.7464	365.5474	4.423341	61.39208
071920BK-01_ 111	1666.377	1012.665	6.061879	17.27995	8.016753	0.079176	13.95418	0.01297	1.324252	0.0949	83.07423	1.093054	77.36971	10.3956	NA	NA	83.07423	1.093054	

071920BK-01_ 112	699.2913	1391.889	2.090746	13.63394	11.71949	0.223725	15.99159	0.024973	1.035209	0.064735	159.0074	1.625924	205.0052	29.69449	774.4239	337.7461	159.0074	1.625924	20.53235
071920BK-01_ 114	670.8994	1940.121	1.927862	16.31834	4.335905	0.437138	6.656044	0.05715	0.96664	0.145227	358.2688	3.368694	368.232	20.5601	432.3899	146.8546	358.2688	3.368694	82.85782
071920BK-01_ 115	692.348	3123.896	1.820493	16.39512	5.895886	0.45258	9.786012	0.056458	0.79163	0.080894	354.0469	2.727167	379.0842	30.96887	535.9517	213.9298	354.0469	2.727167	66.05947
071920BK-01_ 116	482.2128	874.6039	2.286958	12.80912	8.362455	0.172385	26.27735	0.019699	2.155003	0.08201	125.7509	2.683676	161.4869	39.25163	724.8938	564.499	125.7509	2.683676	17.34749
071920BK-01_ 117	640.6114	1205.646	2.979171	15.37875	5.88994	0.214815	13.75215	0.028549	1.209842	0.087975	181.4577	2.16474	197.5856	24.69684	395.7387	308.4313	181.4577	2.16474	45.8529
071920BK-01_ 118	1166.455	1187.113	3.030789	13.51933	7.410824	0.130368	18.61705	0.014834	1.151919	0.061874	94.92498	1.085448	124.4282	21.8051	733.9237	396.6855	94.92498	1.085448	12.9339
071920BK-01_ 119	4129.324	6230.826	6.034807	19.5358	2.822998	0.121228	3.70577	0.017479	0.678097	0.182984	111.7055	0.750946	116.1849	4.068368	209.9196	84.47439	111.7055	0.750946	53.21348
071920BK-01_ 120	92.81166	195.9767	2.108573	6.829844	23.33545	0.322924	66.484	0.030862	6.619252	0.099562	195.9387	12.77457	284.1495	166.2531	1093.003	NA	195.9387	12.77457	17.92663
071920BK-01_ 121	715.8764	2633.026	1.816564	16.35464	4.856529	0.458358	6.132508	0.058024	0.740976	0.120828	363.5945	2.61958	383.1153	19.57323	503.7961	134.1007	363.5945	2.61958	72.17097
071920BK-01_ 123	1104.354	812.6359	2.81099	12.92406	6.344044	0.106058	15.10319	0.012505	2.166015	0.143414	80.11285	1.724518	102.3532	14.70603	658.1105	322.1476	80.11285	1.724518	12.17316
071920BK-01_ 124	358.8384	331.9883	1.790685	7.544157	23.74631	0.145983	38.51723	0.011272	3.508087	0.091078	72.25535	2.520628	138.359	49.86067	1507.552	753.6992	72.25535	2.520628	4.792894
071920BK-01_ 125	626.1565	1968.996	2.686666	15.96446	5.239199	0.444537	8.791385	0.056236	0.808572	0.091973	352.6963	2.775195	373.4465	27.47719	505.2585	192.9328	352.6963	2.775195	69.80512
071920BK-01_ 126	680.0387	950.9693	5.208373	13.48561	6.1416	0.128123	11.34716	0.015211	2.300712	0.202757	97.31874	2.222208	122.41	13.08617	643.3414	239.5336	97.31874	2.222208	15.12708
071920BK-01_ 127	436.0546	1077.642	2.215655	14.15698	9.546854	0.237547	19.03778	0.029059	2.130497	0.111909	184.6561	3.878282	216.4096	37.12164	578.6579	414.4477	184.6561	3.878282	31.9111
071920BK-01_ 128	348.5376	860.6616	13.13764	10.08009	15.30946	0.351297	20.45379	0.029634	2.600686	0.127149	188.2565	4.825165	305.6962	54.04273	1338.498	396.2072	188.2565	4.825165	14.06476
071920BK-01_ 129	186.1196	179.1732	1.415759	5.430313	29.37509	0.235516	38.75671	0.015228	4.967733	0.128177	97.42463	4.803409	214.742	75.15206	1835.666	725.4122	97.42463	4.803409	5.307317
071920BK-01_ 130	895.7619	636.0116	4.847207	16.12236	5.119869	0.07224	28.12871	0.013093	1.275323	0.045339	83.85342	1.062476	70.8233	19.24509	NA	NA	83.85342	1.062476	
071920BK-01_ 131	240.7164	528.7779	2.143739	10.71861	15.36934	0.293804	27.09285	0.031075	4.142376	0.152896	197.2722	8.047993	261.5494	62.54939	886.7743	563.0079	197.2722	8.047993	22.24605
071920BK-01_ 132	888.6678	760.5694	1.892593	12.75156	8.54983	0.121232	14.83315	0.014284	1.838478	0.123944	91.42984	1.669054	116.1888	16.28635	659.6221	317.1045	91.42984	1.669054	13.86094
071920BK-01_ 133	2307.712	2676.549	1.970676	17.44053	5.712018	0.109497	9.881105	0.014755	0.922075	0.093317	94.42224	0.864298	105.5055	9.90208	364.5792	222.2861	94.42224	0.864298	25.89897
071920BK-01_ 134	734.3039	486.1005	3.045932	9.960227	17.28345	0.11	38.32552	0.010837	3.047907	0.079527	69.48434	2.106445	105.9651	38.58294	1031.849	801.3987	69.48434	2.106445	6.733966
071920BK-01_ 135	500.5281	486.3146	2.509517	12.34221	17.29005	0.106384	37.84426	0.014633	2.03832	0.053861	93.64832	1.895055	102.6523	36.96516	318.0458	NA	93.64832	1.895055	29.44492
071920BK-01_ 136	317.6879	718.6073	2.973049	12.38668	10.68943	0.271152	31.4908	0.031289	2.140318	0.067966	198.6135	4.186143	243.6147	68.30995	704.135	684.5671	198.6135	4.186143	28.20674
071920BK-01_ 137	618.2318	1265.486	3.315188	13.19129	10.27272	0.268037	13.69353	0.02908	1.366075	0.099761	184.7908	2.488543	241.1227	29.39874	833.9663	285.1925	184.7908	2.488543	22.15806
071920BK-01_ 138	1408.053	1049.434	4.028174	15.14469	8.684426	0.086509	22.66106	0.011615	1.530714	0.067548	74.44367	1.132965	84.24574	18.32244	372.7576	NA	74.44367	1.132965	19.97107
071920BK-01_ 139	1673.851	2001.566	22.0179	16.91512	5.236698	0.111245	7.265167	0.015011	1.584092	0.218039	96.04523	1.510167	107.1039	7.385077	361.577	160.0987	96.04523	1.510167	26.56287
071920BK-01_ 140	579.4607	732.5828	1.223096	12.11472	10.10917	0.146251	29.75276	0.016276	1.963271	0.065986	104.0766	2.0269	138.5967	38.56435	780.7523	637.3269	104.0766	2.0269	13.3303
071920BK-01_ 141	328.7618	2627.376	2.025563	13.01743	2.844421	1.787018	3.313342	0.1749	0.775088	0.233929	1039.055	7.438051	1040.739	21.57499	1045.174	64.9918	1045.174	64.9918	99.41456
071920BK-01_ 142	901.1829	2615.955	1.596927	17.3217	2.838746	0.431632	5.938878	0.057848	0.849	0.142956	362.5267	2.992909	364.335	18.1829	376.8178	132.3374	362.5267	2.992909	96.20743
071920BK-01_ 143	1615.611	1075.748	3.148838	13.36818	8.875329	0.098352	12.72785	0.011207	1.282084	0.100731	71.84533	0.916003	95.25436	11.57303	730.879	269.2811	71.84533	0.916003	9.82999
071920BK-01_ 144	210.2343	4977.333	3.511839	9.004539	1.256077	5.076718	2.845352	0.32745	0.681006	0.23934	1826.011	10.8292	1832.223	24.14136	1840.061	50.02544	1840.061	50.02544	99.23648
071920BK-01_ 145	1075.096	2423.584	1.976503	17.68176	5.431602	0.213316	9.772204	0.02922	0.983049	0.100596	185.662	1.799117	196.3313	17.44674	327.5593	221.0946	185.662	1.799117	56.68042
071920BK-01_ 146	831.6884	1390.233	1.490485	16.9995	4.42414	0.174328	19.10127	0.025002	0.867186	0.045399	159.1928	1.363592	163.1677	28.79953	222.2713	NA	159.1928	1.363592	71.62095
071920BK-01_ 147	449.977	1307.785	1.443962	15.8015	4.777189	0.441462	11.72883	0.058615	0.976436	0.083251	367.1968	3.485237	371.2827	36.48898	397.8192	262.7919	367.1968	3.485237	92.30242
071920BK-01_ 148	648.8607	676.337	2.011791	11.4612	12.5934	0.158341	34.61187	0.01661	1.749115	0.050535	106.1923	1.842211	149.2501	48.07692	903.8279	733.9171	106.1923	1.842211	11.74917
071920BK-01_ 149	749.0479	468.29	4.947779	12.80139	10.80836	0.074946	33.77966	0.011136	3.403135	0.100745	71.38903	2.416062	73.38246	23.91823	139.8395	NA	71.38903	2.416062	51.05068
071920BK-01_ 150	698.3438	475.3311	3.695653	11.63425	15.34619	0.086303	32.15842	0.010936	1.727625	0.053722	70.11394	1.204743	84.05387	25.94749	501.6376	NA	70.11394	1.204743	13.97701
071920BK-01_ 151	1154.439	783.7038	4.156468	12.09081	19.63949	0.105349	22.65515	0.011464	1.599109	0.070585	73.48307	1.168403	101.7016	21.92776	827.693	477.1746	73.48307	1.168403	8.878059
071920BK-01_ 152	343.7338	624.374	2.27619	14.49	10.80787	0.186151	52.35166	0.028717	2.308292	0.044092	182.5159	4.15392	173.3397	83.61147	50.93833	NA	182.5159	4.15392	358.3077
071920BK-01_ 153	2588.455	9353.08	0.983724	18.31007	1.556864	0.433013	1.824151	0.056437	0.639685	0.350675	353.9199	2.202945	365.314	5.596883	439.2339	38.01795	353.9199	2.202945	80.57664
071920BK-01_ 154	222.6512	444.5607	2.063578	10.95385	7.496192	0.248703	21.67126	0.029351	3.794352	0.175087	186.4881	6.974646	225.5221	43.85367	656.1009	462.5073	186.4881	6.974646	28.42369
071920BK-01_ 155	1601.587	1977.811	2.443217	17.13989	4.636603	0.169681	9.977748	0.023042	0.895161	0.089716	146.8554	1.299731	159.1421	14.69802	347.1339	225.2307	146.8554	1.299731	42.30511
071920BK-01_ 156	1156.378	2991.346	4.209378	18.18831	2.842138	0.387536	6.571542	0.053513	0.712827	0.108472	336.0546	2.334121	332.568	18.63862	309.2167	148.8818	336.0546	2.334121	108.6793
071920BK-01_ 157	2383.668	1866.556	6.695797	16.71971	5.445365	0.115703	15.36952	0.015225	0.841699	0.054764	97.40394	0.813685	111.1692	16.18543	418.0032	344.5533	97.40394	0.813685	23.3022
071920BK-01_ 158	914.1961	718.8542	2.455601	14.19582	8.588064	0.10539	39.88358	0.014595	1.558105	0.039066	93.40536	1.444861	101.7395	38.62931	302.6544	NA	93.40536	1.444861	30.86206
071920BK-01_ 159	305.9941	755.2763	2.311353	13.78037	10.20858	0.213065	18.74925	0.027726	1.899492	0.10131	176.3034	3.303489	196.1214	33.45021	442.7111	418.1025	176.3034	3.303489	39.82357
071920BK-01_ 160	612.6558	581.1803	2.0158	14.6697	17.09184	0.084919	59.13993	0.013792	2.31479	0.039141	88.29907	2.030004	82.75876	47.03562	NA	NA	88.29907	2.030004	
071920BK-01_ 161	491.3381	1019.164	2.916895	13.64531	9.772663	0.264234	24.61594	0.03098	1.221411	0.049619	196.6775	2.365965	238.073	52.28664	670.2105	533.6173	196.6775	2.365965	29.34563
071920BK-01_ 162	1002.116	1023.911	2.826936	14.26188	7.384741	0.118887	11.80094	0.014731	1.588786	0.134632	94.27044	1.486858	114.0622	12.73258	550.7136	256.0935	94.27044	1.486858	17.11787
071920BK-01_ 163	517.596	711.5258	1.946557	11.31542	13.98164	0.246023	19.20898	0.024912	2.103294	0.109495	158.6255	3.295646	223.3405	38.52941	976.2136	392.5922	158.6255	3.295646	16.24906
071920BK-01_ 165	355.6161	943.3797	2.598873	13.28237	12.25505	0.265016	26.49368	0.030546	2.332925	0.088056	193.9621	4.457594	238.7013	56.41508	706.6134	570.6912	193.9621	4.457594	27.44954
071920BK-01_ 166	134.858	286.9213	2.77367	8.707775	15.87284	0.296799	58.55188	0.031741	6.941823	0.118558	201.4325	13.7669	263.8969	136.8928	863.9273	NA	201.4325	13.7669	23.3159
071920BK-01_ 167	171.8722	4745.726	1.040716	5.365849	1.170779	14.39109	1.52355	0.540456	0.81282	0.533504	2785.359	18.38336	2775.843	14.46573	2769.636	21.14004	2769.636	21.14004	100.5677
071920BK-01_ 168	1326.551	946.1791	4.350496	14.66544	7.161424	0.084259	17.90947	0.011057	1.548719	0.086475	70.88784	1.09184	82.14119	14.13265	424.0181	400.9559	70.88784	1.09184	16.71812
071920BK-01_ 169	475.9844	1309.489	2.877125	13.45964	8.570475	0.288022	16.84438	0.031597	1.673361	0.099342	200.5387	3.304077	257.0015	38.26425	810.7749	352.9225	200.5387	3.304077	24.7342
071920BK-01_ 170	1975.959	1753.671	5.51816	17.7149	3.619026	0.106383	10.13425	0.015369	1.136993	0.112193	98.31937	1.109403	102.6517	9.89472	205.4629	NA	98.31937	1.109403	47.85262
071920BK-01_ 171	205.2097	424.0553	2.743947	10.56025	19.48265	0.282022	25.71373	0.032351	3.463634	0.1347	205.2483	6.99707	252.2599	57.49709	716.7061	549.4299	205.2483	6.99707	28.63772
071920BK-01_ 172	872.2448	1356.13	3.648659	13.65898	9.35144	0.144823	13.85364	0.016072	2.046455	0.14772	102.7829	2.086726	137.3303	17.79659	786.6165	288.9666	102.7829	2.086726	13.06646
071920BK-01_ 173	732.1714	1865.438	2.886885	16.57002	5.661341	0.231703	7.391354	0.030631	1.364376	0.184591	194.4962	2.614028	211.6032	14.11909	407.5392	162.7514	194.4962	2.614028	47.72455
071920BK-01_ 174	900.8165	7607.513	2.508987	13.12987	1.257855	1.935305	1.574833	0.179917	0.624772	0.396723	1066.523	6.141313	1093.376	10.54329	1148.108	28.71629	1148.108	28.71629	92.89394
071920BK-01_ 175	943.5728	1044.802	3.179457	14.10324	9.788746	0.127693	22.42073	0.015487	1.469838	0.065557	99.07091	1.445049	122.0222	25.78385	597.2549	490.2505	99.07091	1.445049	16.58771
071920BK-01_ 176	585.0703	1577.737	2.208055	16.50947	4.99802	0.402953	11.81648	0.05427	1.188165	0.100551	340.6833	3.942776	343.7875	34.47433	365.7829	265.8384	340.6833	3.942776	93.1381
071920BK-01_ 177	659.5337	917.3083	1.841355	16.12452	8.781395	0.183181	19.09676	0.027558	1.275811	0.066808	175.2475	2.205709	170.7943	30.02936	110.5838	NA	175.2475	2.205709	158.4749
071920BK-01_ 178	1047.552	878.099	1.071345	15.70568	9.216309	0.099589	19.86551	0.014753	2.07035	0.104218	94.40796	1.940333	96.39687	18.27079	146.9286	NA	94.40796	1.940333	64.2543
071920BK-01_ 180	248.7371	397.9218	3.817114	9.689462	14.23095	0.294663	32.25192	0.030643	3.94413	0.122291	194.5716	7.559504	262.223	74.66826	921.6713	674.7488	194.5716	7.559504	21.11074
071920BK-01_ 181	454.6306	1563.402	2.376969	17.28372	5.686942	0.405044	15.64753	0.058301	0.862968	0.05515	365.2826	3.064625	345.3001	45.83349	213.9653	NA	365.2826	3.064625	170.7205
071920BK-01_ 182	318.9405	488.0088	2.486416	10.88239	13.0128	0.25194	21.4497	0.028233	2.616745	0.121994	179.4794	4.631741	228.1509	43.85658	766.1508	453.3061	179.4794	4.631741	23.42611
071920BK-01_ 183	5030.164	3225.599	4.076077	19.01252	2.750065	0.096296	4.925816	0.014076	0.970003	0.196922	90.10844	0.867974	93.35138	4.393299	178.0278	112.6665	90.10844	0.867974	50.61481
071920BK-01_ 184	306.842	825.8455	2.161866	9.467132	17.30162	0.36344	19.22846	0.028793	2.232363	0.116097	182.9908	4.027584	314.7801	52.08973	1458.808	366.4506	182.9908	4.027584	12.54386
071920BK-01_ 185	806.5497	766.8436	1.465681	11.84299	12.54139	0.151634	17.16165	0.016234	1.419623	0.082721	103.8132	1.461953	143.3532	22.94795	861.5549	357.335	103.8132	1.461953	12.04951
071920BK-01_ 186	629.5205	552.9588	3.321191	12.89913	10.97598	0.106192	25.32624	0.014646	2.351996	0.092868	93.73081	2.188595	102.4763	24.69158	311.9502	NA	93.73081	2.188595	30.04673
071920BK-01_ 187	4284.34	6633.586	1.445145	19.57744	3.137893	0.121948	4.218643	0.017539	0.858979	0.203615	112.0805	0.954427	116.8363	4.655936	215.8383	95.66998	112.0805	0.954427	51.928
071920BK-01_ 188	1722.006	919.126	3.048655	13.94489	9.341071	0.08502	18.13354	0.010744	3.45988	0.1908	68.88928	2.370796	82.85381	14.42865	507.6746	394.2935	68.88928	2.370796	13.56957
071920BK-01_ 189	1211.06	919.347	6.833937	13.64363	10.66234	0.09122	15.63825	0.01129	2.445425	0.156375	72.37271	1.759923	88.63899	13.27454	553.1901	338.8937	72.37271	1.759923	13.08279
071920BK-01_ 190	1629.767	3290.218	3.346783	18.84724	3.564659	0.220232	5.471102	0.032224	0.770719	0.140871	204.4533	1.551035	202.1025	10.02666	175.7568	126.4225	204.4533	1.551035	116.3274
071920BK-01_ 191	591.2755	539.1808	3.633066	10.90125	18.56177	0.145166	30.50092	0.015885	2.343981	0.07685	101.5979	2.362769	137.6347	39.27857	816.0992	649.9224	101.5979	2.362769	12.44921
071920BK-01_ 192	485.9476	583.3917	1.642134	10.84946	20.00994	0.134308	29.9733	0.014143	2.075783	0.069254	90.53376	1.86615	127.9618	36.05115	895.8527	630.6752	90.53376	1.86615	10.10588
071920BK-01_ 193	581.5529	1063.762	1.662616	14.83298	10.22142	0.236029	17.26647	0.031265	1.397972	0.080965	198.4626	2.732178	215.1637	33.49098	403.0715	387.9704	198.4626	2.732178	49.23757
071920BK-01_ 194	536.3745	569.8839	2.859573	12.00868	11.71204	0.114778	29.29479	0.014145	2.77775	0.094821	90.54512	2.497536	110.3265	30.63526	562.5267	NA	90.54512	2.497536	16.09615
071920BK-01_ 197	527.9147	1599.111	2.409587	15.36426	5.061677	0.453469	11.73807	0.057796	0.888751	0.075715	362.2079	3.130358	379.7057	37.20169	488.813	259.0094	362.2079	3.130358	74.09948
071920BK-01_ 198	664.0767	1922.131	1.415562	15.27524	7.670502	0.233181	9.308271	0.028735	1.125778	0.120944	182.6287	2.027143	212.8216	17.87355	562.625	201.7033	182.6287	2.027143	32.4601
071920BK-01_ 199	3849.975	5272.218	2.056664	19.3565	3.093209	0.103827	3.473361	0.015158	0.691141	0.198983	96.98273	0.66527	100.3027	3.317341	180.9312	79.35111	96.98273	0.66527	53.60199
071920BK-01_ 200	1040.919	1358.618	5.079821	14.95797	6.781032	0.120872	15.24083	0.015418	1.109609	0.072805	98.63318	1.086113	115.8622	16.68964	487.0159	337.2244	98.63318	1.086113	20.25256
071920BK-01_ 201	938.5589	1199.35	1.501741	14.35762	7.786155	0.137533	11.43186	0.017119	1.590621	0.139139	109.4213	1.72579	130.8446	14.03519	540.8368	248.2567	109.4213	1.72579	20.23185
071920BK-01_ 202	1521.416	1778.212	2.513799	13.99703	13.70907	0.11472	14.67421	0.013011	1.175499	0.080106	83.33078	0.973249	110.2737	15.33522	740.8737	310.9694	83.33078	0.973249	11.24764
071920BK-01_ 203	865.4015	1150.762	2.059033	13.10565	8.921718	0.146039	16.26884	0.016394	1.24671	0.076632	104.8233	1.296276	138.4083	21.05317	762.5183	344.0428	104.8233	1.296276	13.74699
071920BK-01_ 204	114.64	243.312	5.545993	6.671709	39.40496	0.417401	42.59768	0.032208	3.927431	0.092198	204.3511	7.899879	354.1911	128.0473	1508.764	841.4371	204.3511	7.899879	13.54427
071920BK-01_ 205	925.7969	26070.61	72.89037	5.333318	0.595821	13.95203	0.974914	0.533728	0.758019	0.777525	2757.141	17.00478	2746.456	9.237304	2739.311	10.08378	2739.311	10.08378	100.6509
071920BK-01_ 207	1612.586	1651.411	0.435051	15.06775	10.9617	0.132968	16.52557	0.016532	9.223741	0.558149	105.6977	9.669798	126.7614	19.69569	543.3638	301.0003	105.6977	9.669798	19.45247
071920BK-01_ 208	526.1691	780.6098	4.843469	14.76004	12.82136	0.194732	25.58107	0.028337	9.287654	0.363067	180.1305	16.49836	180.6586	42.36104	188.5623	NA	180.1305	16.49836	95.5284
071920BK-01_ 209	203.7768	234.495	2.604957	10.31152	16.13178	0.109653	175.1785	0.023687	9.496645	0.054211	150.9184	14.16574	105.6475	177.557	NA	NA	150.9184	14.16574	
071920BK-01_ 210	667.1258	629.4549	2.989307	10.87694	13.98331	0.135707	22.83823	0.013968	9.315648	0.407897	89.41945	8.272498	129.2129	27.71634	942.8171	431.6624	89.41945	8.272498	9.484283
071920BK-01_ 211	392.969	7935.192	1.131378	8.078056	8.685131	5.91585	12.66194	0.344691	9.169437	0.724173	1909.198	151.5474	1963.564	110.4101	2022.113	155.0292	2022.113	155.0292	94.41597
071920BK-01_ 212	944.159	3265.349	1.096943	16.82939	9.175722	0.440886	14.83519	0.057119	9.189306	0.619426	358.082	32.0083	370.8768	46.12307	452.5703	259.3449	358.082	32.0083	79.12186
071920BK-01_ 213	900.299	468.8697	1.800307	10.61364	13.83156	0.087205	27.87233	0.009799	9.651801	0.346286	62.86338	6.037962	84.89665	22.70424	760.3423	560.3834	62.86338	6.037962	8.267773
071920BK-01_ 214	984.3007	1681.53	1.225306	15.18965	5.551743	0.23231	11.72835	0.028929	1.289162	0.109918	183.8418	2.336543	212.1042	22.45362	539.8398	255.738	183.8418	2.336543	34.05488
071920BK-01_ 215	190.5546	744.4494	1.582287	12.98771	10.8505	0.534696	18.12278	0.066237	2.000343	0.110377	413.4439	8.01067	434.9216	64.19743	551.2416	396.119	413.4439	8.01067	75.00232
071920BK-01_ 216	579.637	995.5011	1.347501	16.48357	6.58628	0.274262	16.52311	0.042598	1.120365	0.067806	268.9193	2.950899	246.0956	36.12534	34.70635	NA	268.9193	2.950899	774.8418
071920BK-01_ 217	2042.181	1710.264	2.905609	18.21903	5.743745	0.101637	7.877558	0.015647	1.119221	0.142077	100.0882	1.111557	98.28615	7.379754	55.80296	NA	100.0882	1.111557	179.36
071920BK-01_ 218	1067.843	984.5226	3.414944	15.771	6.133387	0.097588	15.80235	0.014291	1.73439	0.109755	91.47326	1.5753	94.54787	14.26721	173.8179	NA	91.47326	1.5753	52.62591
071920BK-01_ 219	312.6698	566.6759	2.243317	12.1668	9.758829	0.265344	14.16554	0.033068	2.397919	0.169278	209.7206	4.948007	238.964	30.17107	538.16	306.7686	209.7206	4.948007	38.96993
071920BK-01_ 220	1335.86	5329.725	0.63852	17.56256	2.745997	0.551405	3.902217	0.071595	0.961975	0.24652	445.7575	4.143181	445.9167	14.08363	447.6842	84.08115	445.7575	4.143181	99.56962
071920BK-01_ 221	402.5595	856.3011	3.507304	14.34669	5.445446	0.213321	22.82521	0.028545	2.247805	0.098479	181.4342	4.021431	196.3355	40.76951	380.3543	NA	181.4342	4.021431	47.70138
071920BK-01_ 222	775.9036	717.3723	3.725679	12.51486	15.7593	0.127442	28.28773	0.015037	1.635723	0.057824	96.21284	1.562089	121.7968	32.47845	656.5899	617.1944	96.21284	1.562089	14.65342

071920BK-01_ 223	442.124	603.6436	2.721819	10.69067	12.98836	0.158977	33.66166	0.016186	3.893032	0.115652	103.509	3.997461	149.8071	46.91733	965.0131	701.921	103.509	3.997461	10.72618
071920BK-01_ 224	349.9388	1102.351	1.883891	12.96884	10.35085	0.512636	11.19017	0.056348	1.288676	0.115161	353.3771	4.43132	420.22	38.52561	806.7149	233.3389	353.3771	4.43132	43.80446
071920BK-01_ 225	504.8193	462.2136	2.471278	10.001	16.62744	0.133869	44.33565	0.01367	3.783557	0.085339	87.52734	3.289266	127.5684	53.19827	958.9594	949.6791	87.52734	3.289266	9.127325
071920BK-01_ 226	622.955	1001.706	2.782803	13.91764	11.28286	0.244069	26.43139	0.029969	1.156868	0.043769	190.3567	2.169979	221.747	52.69966	570.4731	583.9427	190.3567	2.169979	33.36821
071920BK-01_ 227	573.4814	1469.104	2.242141	13.09834	9.744105	0.291727	16.21385	0.03085	1.843582	0.113704	195.8657	3.556638	259.9176	37.19768	887.1609	334.954	195.8657	3.556638	22.07781
071920BK-01_ 228	623.4844	708.9713	3.01214	12.94506	12.27318	0.116741	23.72125	0.014426	2.346747	0.09893	92.33436	2.151409	112.1127	25.18407	556.5455	521.4756	92.33436	2.151409	16.59062
071920BK-01_ 229	257.6961	496.4921	2.939736	12.4818	11.62904	0.246311	37.72948	0.034047	2.613888	0.06928	215.828	5.548108	223.5752	75.85338	306.8896	NA	215.828	5.548108	70.32756
071920BK-01_ 230	1694.534	790.3516	5.389177	12.8995	11.86048	0.100222	31.94007	0.011844	0.885531	0.027725	75.90541	0.668224	96.98118	29.55091	653.0992	702.0099	75.90541	0.668224	11.62234
071920BK-01_ 231	1122.07	1407.223	2.377069	13.53634	10.54349	0.143394	13.4815	0.015752	1.905831	0.141366	100.7522	1.905239	136.0626	17.169	807.9973	280.4244	100.7522	1.905239	12.46938
071920BK-01_ 232	878.8375	1827.668	4.086434	15.97507	4.709254	0.272064	8.732134	0.03481	1.220235	0.139741	220.5813	2.646081	244.343	18.96547	480.2422	191.3822	220.5813	2.646081	45.93126
071920BK-01_ 234	803.0331	600.6509	4.393138	12.73601	13.34811	0.107326	21.75351	0.013848	1.748842	0.080394	88.65561	1.539834	103.5163	21.41178	461.6785	485.7695	88.65561	1.539834	19.20289
071920BK-01_ 235	2003.746	1285.608	2.64065	16.8059	4.505701	0.10366	10.32967	0.015079	1.025872	0.099313	96.47722	0.982363	100.1492	9.85158	189.4473	NA	96.47722	0.982363	50.92561
071920BK-01_ 236	442.529	1139.968	2.299519	13.50795	8.780122	0.276674	18.48679	0.031522	1.951328	0.105553	200.0658	3.843981	248.0156	40.70165	731.2424	392.582	200.0658	3.843981	27.3597
071920BK-01_ 237	410.727	692.3585	1.299539	13.00102	10.19718	0.255828	22.31638	0.032004	2.065323	0.092547	203.077	4.128821	231.2992	46.19243	529.8157	492.3799	203.077	4.128821	38.32974
071920BK-01_ 238	2001.28	1815.358	2.076594	15.7072	5.800662	0.118762	13.00917	0.014788	1.111933	0.085473	94.63148	1.044553	113.9487	14.02315	539.9982	284.5753	94.63148	1.044553	17.52441
071920BK-01_ 239	763.8106	609.7314	1.400095	14.19875	12.46786	0.100139	26.07928	0.015017	1.890078	0.072474	96.08499	1.802614	96.9049	24.10815	118.1357	NA	96.08499	1.802614	81.33444
071920BK-01_ 240	451.2726	724.6212	2.040204	13.66106	12.11956	0.21715	32.76572	0.028379	1.739428	0.053087	180.393	3.09431	199.5354	59.42394	433.2377	NA	180.393	3.09431	41.63834
071920BK-01_ 241	646.6746	524.9422	3.42594	12.2331	8.002639	0.115443	41.01245	0.014846	2.87713	0.070153	94.99733	2.713156	110.9325	43.12486	469.0561	NA	94.99733	2.713156	20.25287
071920BK-01_ 242	589.9138	353.9645	2.91383	8.866448	15.37867	0.116626	35.0881	0.011158	2.862542	0.081582	71.53188	2.036311	112.0083	37.22811	1090.786	722.6298	71.53188	2.036311	6.557826
071920BK-01_ 244	844.0066	820.6334	3.452633	11.92292	13.4205	0.146094	21.49324	0.015133	0.921645	0.042881	96.8212	0.88568	138.4575	27.82617	929.8127	445.7264	96.8212	0.88568	10.41298
071920BK-01_ 245	1060.595	3221.361	1.567618	17.29225	3.409472	0.430783	7.542152	0.055469	0.622843	0.082582	348.0109	2.110093	363.7326	23.06136	466.2052	166.7051	348.0109	2.110093	74.64759
071920BK-01_ 246	303.9631	625.1848	3.914741	9.885533	14.23106	0.269358	29.24315	0.023551	3.508498	0.119977	150.0588	5.204007	242.1804	63.08968	1268.892	578.9497	150.0588	5.204007	11.82597
071920BK-01_ 247	554.018	758.3213	3.892557	9.886414	18.29355	0.156078	21.21635	0.012975	3.550931	0.167368	83.10564	2.932084	147.2643	29.09202	1366.664	407.164	83.10564	2.932084	6.080911
071920BK-01_ 248	308.1723	1238.36	2.762373	15.8965	6.776631	0.433601	14.52375	0.058258	1.419634	0.097746	365.0234	5.038015	365.7303	44.63239	371.1737	327.0045	365.0234	5.038015	98.34301
071920BK-01_ 249	380.6261	691.4649	2.816395	12.9356	9.991511	0.238166	25.86398	0.028919	1.754785	0.067847	183.7764	3.179345	216.9175	50.5574	594.7989	567.9019	183.7764	3.179345	30.89723
071920BK-01_ 250	540.0617	1878.229	1.795915	17.68801	3.563652	0.41458	6.285329	0.058004	0.892261	0.141959	363.4731	3.153392	352.1679	18.7063	279.307	142.5256	363.4731	3.153392	130.1339
071920BK-01_ 251	277.7466	3890.307	1.579857	9.096896	1.134877	5.132742	1.977041	0.328645	0.933358	0.472098	1831.813	14.88284	1841.541	16.80274	1853.325	31.50643	1853.325	31.50643	98.83927
071920BK-01_ 252	330.354	524.9189	2.018966	12.81988	9.730138	0.232762	18.85459	0.031642	2.678516	0.142062	200.8153	5.295956	212.4766	36.16297	344.7989	NA	200.8153	5.295956	58.24129
071920BK-01_ 253	876.0202	762.678	3.048436	13.9331	8.63804	0.090318	17.80504	0.011716	2.255167	0.126659	75.08593	1.68349	87.79954	14.97702	449.7999	395.0857	75.08593	1.68349	16.69319
071920BK-01_ 254	1329.462	1439.411	1.668513	14.57306	5.027355	0.128451	15.81978	0.014962	1.279174	0.080859	95.73599	1.215581	122.7052	18.28661	684.2105	338.5868	95.73599	1.215581	13.99218
071920BK-01_ 255	213.4959	351.7833	3.28597	11.3294	15.59477	0.201955	47.59507	0.02973	3.222159	0.067699	188.8553	5.996947	186.7792	81.37425	161.6259	NA	188.8553	5.996947	116.8472
071920BK-01_ 256	860.0883	827.5116	1.284977	12.47106	8.616539	0.139711	27.04692	0.015187	2.589523	0.095742	97.16872	2.497337	132.7861	33.67766	829.8743	571.2801	97.16872	2.497337	11.70885
071920BK-01_ 257	1433.666	1175.97	2.674466	16.89807	5.706606	0.082648	10.28408	0.012094	2.585667	0.251424	77.49835	1.991852	80.6312	7.97165	175.4616	NA	77.49835	1.991852	44.16828
071920BK-01_ 258	706.8879	1724.27	2.648314	16.14235	5.548907	0.21502	15.01758	0.027385	1.367395	0.091053	174.1624	2.349606	197.7568	26.99157	490.3974	331.5466	174.1624	2.349606	35.51454
071920BK-01_ 259	289.0986	1061.779	2.201447	15.10972	5.522243	0.440246	14.22189	0.057203	0.95606	0.067225	358.5925	3.33475	370.426	44.16923	446.0925	316.8022	358.5925	3.33475	80.38524
071920BK-01_ 260	1031.22	688.3365	2.780758	10.5515	6.103343	0.127989	12.68773	0.011769	2.600931	0.204996	75.42738	1.950382	122.2888	14.61877	1169.738	246.8026	75.42738	1.950382	6.448231
071920BK-01_ 261	466.9986	592.0968	2.43145	8.466283	12.20788	0.221613	25.20073	0.015938	2.740818	0.108759	101.9359	2.771905	203.2511	46.45226	1640.474	472.6665	101.9359	2.771905	6.21381
071920BK-01_ 262	188.0445	338.0712	1.826882	6.641444	31.41378	0.48613	40.07428	0.030018	4.746661	0.118447	190.6604	8.917484	402.2699	133.8744	1918.619	746.159	190.6604	8.917484	9.937374
071920BK-01_ 263	174.6563	259.0821	2.058666	10.84193	13.60144	0.141258	96.5326	0.027975	5.702051	0.059069	177.8622	10.00317	134.1633	121.9022	NA	NA	177.8622	10.00317	
071920BK-01_ 264	209.4179	368.385	1.534368	12.61809	10.78538	0.139828	41.7773	0.02456	2.82243	0.067559	156.4105	4.361451	132.8904	52.08409	NA	NA	156.4105	4.361451	
071920BK-01_ 265	349.9892	218.4794	2.512589	6.370739	28.66189	0.135296	35.25009	0.009878	8.243458	0.233856	63.36343	5.197752	128.8454	42.67973	1612.563	658.8502	63.36343	5.197752	3.929361
071920BK-01_ 266	751.8048	535.03	2.227561	9.846489	12.90775	0.138658	30.13505	0.012606	3.000473	0.099568	80.75324	2.407867	131.8478	37.27763	1192.344	605.3533	80.75324	2.407867	6.772645
071920BK-01_ 267	547.5143	1128.719	1.727437	13.51935	9.13468	0.263254	14.06289	0.029333	1.419403	0.100933	186.3748	2.607535	237.2858	29.7655	778.1278	295.5061	186.3748	2.607535	23.95169
071920BK-01_ 268	292.8432	732.4326	2.493699	13.87967	7.821205	0.402333	31.8162	0.053052	1.567482	0.049267	333.2341	5.090677	343.339	92.94446	413.2641	NA	333.2341	5.090677	80.63465
071920BK-01_ 269	289.7869	203.1083	2.423692	3.810816	26.83937	0.330669	33.34513	0.011131	7.148269	0.214372	71.357	5.072664	290.0762	84.33005	2947.76	542.7015	71.357	5.072664	2.420719
071920BK-01_ 270	625.7923	569.5847	2.646399	13.06883	11.87854	0.119896	24.92685	0.016242	2.406494	0.096542	103.8622	2.479411	114.9778	27.10365	352.6222	NA	103.8622	2.479411	29.45426
071920BK-01_ 271	126.6345	351.172	3.410207	8.291606	27.60804	0.387712	32.69793	0.033148	3.864606	0.118191	210.2199	7.993139	332.6965	93.01916	1312.492	647.2341	210.2199	7.993139	16.01686
071920BK-01_ 272	265.9182	247.9093	2.952785	9.66987	10.70565	0.092989	24.78025	0.014657	5.15354	0.20797	93.79814	4.798928	90.28385	21.40993	NA	NA	93.79814	4.798928	
071920BK-01_ 273	1355.534	1445.574	1.931838	18.13465	7.663461	0.09772	23.50842	0.014952	1.437639	0.061154	95.67325	1.36528	94.66958	21.25244	70.48334	NA	95.67325	1.36528	135.7387
071920BK-01_ 274	230.1346	184.2416	4.42426	6.29524	12.29124	0.164176	46.0566	0.013798	3.686045	0.080033	88.34084	3.234073	154.3518	66.04261	1345.622	939.0701	88.34084	3.234073	6.565058
071920BK-01_ 275	262.1612	932.4356	6.789244	14.38657	8.224559	0.433715	12.84317	0.05568	1.727438	0.134502	349.3026	5.873423	365.8111	39.46958	472.8057	282.5839	349.3026	5.873423	73.87867
071920BK-01_ 276	2015.274	2138.474	3.196713	15.95642	9.931372	0.124018	12.9012	0.015352	1.143198	0.088612	98.21401	1.114271	118.7086	14.45447	552.8145	281.472	98.21401	1.114271	17.76618
071920BK-01_ 277	917.9839	473.1622	5.275425	14.12448	6.088689	0.063855	56.27147	0.01124	2.209976	0.039273	72.05114	1.583447	62.85122	34.30799	NA	NA	72.05114	1.583447	
071920BK-01_ 278	1439.459	1020.169	2.65983	15.71161	10.09508	0.107175	17.00593	0.014995	1.370754	0.080604	95.94418	1.30542	103.3777	16.71652	279.3239	NA	95.94418	1.30542	34.34872
071920BK-01_ 279	580.0991	613.0588	3.020713	11.62164	12.56822	0.104403	19.31497	0.0114	3.435686	0.177877	73.07103	2.496316	100.833	18.54212	820.6849	400.3502	73.07103	2.496316	8.903665
071920BK-01_ 280	383.9374	1753.356	1.509635	14.81996	7.347294	0.502057	9.96378	0.057796	1.267511	0.127212	362.2076	4.464423	413.0942	33.82841	709.2064	210.6207	362.2076	4.464423	51.07223
071920BK-01_ 281	1404.24	937.3004	5.162374	12.17878	10.44508	0.111283	15.77576	0.011364	1.241805	0.078716	72.8417	0.899461	107.1384	16.04208	958.9969	323.2801	72.8417	0.899461	7.595614
071920BK-01_ 282	469.8385	415.801	5.279936	9.490312	19.65178	0.129092	41.63801	0.012406	4.099565	0.098457	79.48344	3.23847	123.2818	48.3748	1081.873	869.1036	79.48344	3.23847	7.34684
071920BK-01_ 283	173.2495	1848.568	2.254635	13.29319	5.46418	1.719938	8.345683	0.173801	0.948763	0.113683	1033.022	9.055968	1016.001	53.63512	980.3641	169.1494	980.3641	169.1494	105.3712
071920BK-01_ 284	513.9884	1113.082	2.246185	15.87126	5.310569	0.227778	17.29228	0.031227	1.071802	0.061982	198.2245	2.092242	208.3627	32.5854	325.6143	NA	198.2245	2.092242	60.87708
071920BK-01_ 285	771.4938	867.1412	0.925144	11.82317	8.84641	0.146696	15.66038	0.014729	2.362517	0.15086	94.2578	2.210656	138.9905	20.34513	993.4042	316.5014	94.2578	2.210656	9.488363
071920BK-01_ 287	599.5298	1187.952	2.245508	13.63344	7.630085	0.259705	11.20433	0.028996	1.085523	0.096884	184.2639	1.97191	234.4295	23.45877	773.8878	235.3171	184.2639	1.97191	23.81016
071920BK-01_ 288	1435.131	2599.909	3.784944	16.73554	8.677138	0.200753	10.83917	0.025322	0.890184	0.082127	161.2042	1.41722	185.7633	18.40273	511.6883	238.0088	161.2042	1.41722	31.50437
071920BK-01_ 289	708.704	1756.388	3.367263	16.42514	3.80381	0.23614	9.736771	0.030695	2.186457	0.224557	194.8994	4.197616	215.2547	18.88847	445.1617	211.3285	194.8994	4.197616	43.7817
071920BK-01_ 290	722.7532	2283.723	1.95223	16.37775	4.241036	0.324841	8.325274	0.040586	0.939069	0.112797	256.4621	2.361079	285.6193	20.72981	532.5945	181.4297	256.4621	2.361079	48.15335
071920BK-01_ 291	896.345	840.8354	3.589036	14.84094	6.015456	0.113899	25.19608	0.015595	2.846818	0.112987	99.75738	2.818051	109.5261	26.16581	328.4689	NA	99.75738	2.818051	30.37042
071920BK-01_ 293	673.858	544.7083	7.159674	10.56737	16.77297	0.128154	20.51263	0.012826	4.120916	0.200897	82.15894	3.364217	122.438	23.66436	999.8786	412.0844	82.15894	3.364217	8.216892
071920BK-01_ 294	776.3343	684.0316	4.959513	11.9916	9.643095	0.139784	24.04862	0.015345	2.691109	0.111903	98.16955	2.621836	132.8519	29.95588	809.4054	506.7849	98.16955	2.621836	12.1286
071920BK-01_ 295	940.9416	755.8373	5.858977	12.45096	12.8799	0.10251	24.39059	0.011447	2.512965	0.10303	73.37554	1.833447	99.09082	23.03092	773.5137	517.6618	73.37554	1.833447	9.486004
071920BK-01_ 296	1542.103	2213.773	1.575606	18.06923	3.30783	0.311785	11.3936	0.043697	2.21556	0.194456	275.7057	5.979645	275.5634	27.5036	275.3293	256.725	275.7057	5.979645	100.1367
071920BK-01_ 297	402.839	663.9653	1.851229	13.30726	11.57763	0.226467	15.61646	0.02911	1.812234	0.116046	184.9771	3.30458	207.2783	29.28752	470.0091	345.1959	184.9771	3.30458	39.35607
071920BK-01_ 299	436.8373	412.0067	4.115955	9.806783	7.529237	0.114009	36.22856	0.01161	6.138952	0.169451	74.41336	4.541936	109.626	37.66435	964.6142	752.7096	74.41336	4.541936	7.714313
071920BK-01_ 300	208.9067	656.7741	2.05618	13.92037	14.00612	0.409985	18.42218	0.056554	1.509597	0.081945	354.6349	5.208965	348.8643	54.44278	311.6216	NA	354.6349	5.208965	113.803
071920BK-01_ 301	422.9262	693.3066	46.46297	13.93991	7.890684	0.220044	15.12248	0.029708	1.553486	0.102727	188.7208	2.889253	201.9462	27.70093	360.2778	341.1016	188.7208	2.889253	52.38202
071920BK-01_ 302	375.4758	865.6589	2.205416	11.64556	17.1348	0.290971	19.16538	0.028656	1.40987	0.073563	182.1295	2.531855	259.3235	43.88854	1032.589	389.6709	182.1295	2.531855	17.63815
071920BK-01_ 303	552.2732	1453.264	1.772535	15.37229	6.369014	0.23133	12.50343	0.028676	1.850163	0.147972	182.257	3.32483	211.2964	23.85597	549.7497	270.9322	182.257	3.32483	33.15273
071920BK-01_ 304	826.7916	1006.561	1.420793	12.8308	12.70344	0.139474	17.11	0.014959	1.843589	0.107749	95.71646	1.751582	132.5755	21.26831	857.9128	355.5879	95.71646	1.751582	11.1569
071920BK-01_ 305	161.3575	4608.908	1.564843	9.003154	1.593498	5.252327	2.257537	0.331181	1.053238	0.466543	1844.102	16.89172	1861.15	19.2587	1881.017	35.97595	1881.017	35.97595	98.03752
071920BK-01_ 306	893.7468	3027.427	1.647813	17.86695	3.79889	0.558471	7.195658	0.074468	0.832354	0.115675	463.0192	3.718808	450.5305	26.18776	388.2349	160.6762	463.0192	3.718808	119.2626
071920BK-01_ 307	861.0799	2088.424	6.598533	17.28432	2.181456	0.430419	4.636643	0.057727	1.029933	0.222129	361.7879	3.623543	363.4737	14.16738	375.2015	101.7809	361.7879	3.623543	96.42498
071920BK-01_ 308	286.9762	2906.572	3.394584	12.83156	3.992662	1.95991	4.319369	0.18296	0.744995	0.172478	1083.123	7.427753	1101.852	29.04867	1139.899	84.6317	1139.899	84.6317	95.01922
071920BK-01_ 309	170.8606	159.2427	119.6366	6.331779	25.55557	0.147411	48.77068	0.014867	7.878298	0.161538	95.13242	7.439787	139.6233	63.70427	984.3695	1041.988	95.13242	7.439787	9.6643
071920BK-01_ 310	1971.225	3479.641	4.048038	18.95782	3.16721	0.182255	5.555528	0.025613	0.930812	0.167547	163.0322	1.498495	169.9993	8.6963	269.0723	125.6878	163.0322	1.498495	60.59049
071920BK-01_ 311	85.72587	1108.583	1.872567	10.9086	5.8915	2.197534	12.11899	0.189836	1.18714	0.097957	1120.487	12.20991	1180.261	84.76646	1292.378	235.46	1292.378	235.46	86.69966
071920BK-01_ 312	437.6737	939.8156	2.471531	12.2966	5.100767	0.303918	8.449658	0.031396	2.218119	0.26251	199.2785	4.352612	269.4556	20.00005	935.3228	167.4969	199.2785	4.352612	21.30585
071920BK-01_ 313	930.5173	2637.677	2.72724	17.616	3.658948	0.395605	8.458132	0.053537	0.82643	0.097708	336.2015	2.707259	338.4554	24.34931	354.9611	190.4224	336.2015	2.707259	94.71503
071920BK-01_ 314	509.6135	1521.21	1.71001	17.37337	4.502468	0.364911	7.482349	0.052813	0.788385	0.105366	331.7683	2.549446	315.8748	20.31461	201.2159	172.9598	331.7683	2.549446	164.8817
071920BK-01_ 315	609.3536	800.4354	2.497797	12.24258	11.41301	0.163925	27.48239	0.017856	2.73831	0.099639	114.0942	3.096767	154.1328	39.32068	825.5768	580.9776	114.0942	3.096767	13.81994
071920BK-01_ 316	160.0817	575.029	4.41942	9.703973	17.82994	0.398211	31.38426	0.035196	3.656328	0.116502	222.9887	8.013799	340.3502	91.0004	1247.726	625.568	222.9887	8.013799	17.87161
071920BK-01_ 317	318.8913	750.8419	2.853084	9.544671	16.27553	0.373844	18.8795	0.030097	6.006409	0.318145	191.1552	11.31301	322.4983	52.21024	1428.204	344.4538	191.1552	11.31301	13.38431
071920BK-01_ 318	656.7422	956.3838	1.539709	15.68177	4.375195	0.393631	31.14727	0.056437	0.865037	0.027772	353.922	2.97903	337.0184	89.5603	222.9943	NA	353.922	2.97903	158.7135
071920BK-01_ 319	540.0391	510.5423	1.564917	10.61148	15.66168	0.134625	39.13721	0.014275	2.579042	0.065897	91.37203	2.339901	128.2447	47.18504	881.533	839.3205	91.37203	2.339901	10.36513
071920BK-01_ 320	547.8081	510.7876	3.56816	12.80742	10.94386	0.109782	26.28158	0.0156	3.20875	0.122091	99.78974	3.177348	105.7663	26.40427	243.5948	NA	99.78974	3.177348	40.96546
071920BK-01_ 321	1773.582	3176.141	3.316725	18.46649	2.212701	0.295508	4.738712	0.041758	0.683427	0.144222	263.7234	1.765986	262.8856	10.9758	256.4473	107.8356	263.7234	1.765986	102.8373
071920BK-01_ 322	638.4557	1937.171	2.66225	6.43596	2.207979	1.329419	2.810722	0.062557	1.015628	0.361341	391.1573	3.854577	858.6272	16.28918	2392.975	44.60572	391.1573	3.854577	16.34607
071920BK-01_ 323	597.1002	582.2109	2.193475	12.59391	12.23338	0.11646	22.94467	0.015072	1.611237	0.070223	96.43643	1.542255	111.8579	24.30689	454.9329	NA	96.43643	1.542255	21.19795
071920BK-01_ 324	1551.321	1352.34	2.134402	15.97243	5.363972	0.1115	8.710706	0.015132	0.993876	0.114098	96.81644	0.955046	107.3368	8.872797	348.592	195.9926	96.81644	0.955046	27.77357
071920BK-01_ 325	378.3639	302.5698	5.064701	8.477928	15.14643	0.125926	46.07549	0.01253	4.259203	0.09244	80.27163	3.397734	120.43	52.3708	1011.732	983.0673	80.27163	3.397734	7.934081
071920BK-01_ 326	338.6609	373.4191	1.918005	11.04581	15.11073	0.106999	45.40672	0.014681	3.461278	0.076228	93.949	3.228255	103.2167	44.59258	323.8541	NA	93.949	3.228255	29.00967
071920BK-01_ 327	120.2561	225.7184	2.65832	6.068389	21.7301	0.468337	24.2381	0.031597	6.069986	0.250432	200.5356	11.98512	390.0395	78.65542	1758.257	435.3939	200.5356	11.98512	11.40537
071920BK-01_ 328	636.8118	1638.241	1.956321	14.27365	8.773073	0.251265	14.19167	0.028919	1.387541	0.097772	183.7798	2.514013	227.6035	28.94437	709.6952	301.6733	183.7798	2.514013	25.89559
071920BK-01_ 329	771.1544	665.516	2.720875	13.65812	10.30014	0.106711	19.91043	0.014764	2.127664	0.106862	94.48023	1.995563	102.9523	19.4957	304.7976	NA	94.48023	1.995563	30.9977
071920BK-01_ 330	753.0254	953.6543	7.094065	14.34251	7.575876	0.099542	19.76265	0.012952	2.1661	0.109606	82.95991	1.785481	96.35305	18.16829	442.9138	440.6537	82.95991	1.785481	18.73049
071920BK-01_ 331	405.8719	426.7188	3.554461	11.98536	14.47603	0.10355	59.84615	0.014981	3.393589	0.056705	95.85449	3.228842	100.0478	57.07956	202.1822	NA	95.85449	3.228842	47.40996

071920BK-01_ 332	474.8906	1491.733	6.815221	16.94138	4.675831	0.384756	8.643634	0.055357	1.141558	0.132069	347.3285	3.860036	330.5313	24.39056	214.9122	198.7432	347.3285	3.860036	161.6142	
071920BK-01_ 333	459.1346	393.3252	7.427682	7.61751	23.38024	0.160534	26.28226	0.011896	1.82792	0.06955	76.23174	1.385248	151.1702	36.93112	1584.844	499.0279	76.23174	1.385248	4.810046	
071920BK-01_ 334	1786.178	2200.837	2.351551	18.21653	4.463678	0.100663	9.618418	0.014916	1.394058	0.144936	95.44663	1.320779	97.38793	8.932219	146.2284	NA	95.44663	1.320779	65.27229	
071920BK-01_ 335	829.2587	621.0348	1.25172	13.00428	9.068174	0.107903	34.3007	0.014456	2.662501	0.077622	92.52493	2.445883	104.0456	33.93339	377.5972	NA	92.52493	2.445883	24.5036	
071920BK-01_ 336	361.1832	4018.82	2.334219	13.35881	3.347849	1.676779	4.822057	0.167931	0.726396	0.15064	1000.699	6.732934	999.7607	30.68017	998.5678	96.88996	998.5678	96.88996	100.2134	
071920BK-01_ 337	1336.61	297.6116	1.122363	9.915481	1.947081	0.448201	22.16092	0.061962	1.548632	0.069881	387.5466	5.82483	376.0186	69.74996	306.5921	NA	387.5466	5.82483	126.4046	
071920BK-01_ 338	123.0529	207.9137	2.504317	5.524294	24.17936	0.474531	31.11573	0.029081	4.629785	0.148792	184.7934	8.434078	394.3139	102.0184	1932.17	565.3574	184.7934	8.434078	9.564033	
071920BK-01_ 339	434.9364	1438.023	2.190669	16.31586	3.850663	0.40455	13.77078	0.056068	1.143811	0.083061	351.6674	3.914665	344.9429	40.29501	300.9052	NA	351.6674	3.914665	116.8698	
071920BK-01_ 340	389.6917	275.6992	1.869409	9.034041	20.45462	0.088667	28.81032	0.010856	3.962744	0.137546	69.60675	2.743499	86.26052	23.82994	576.6715	632.1894	69.60675	2.743499	12.07043	
071920BK-01_ 341	146.56	194.4995	2.382811	5.606344	27.03408	0.301428	40.96866	0.019707	5.957903	0.145426	125.8068	7.422781	267.5152	96.63934	1815.496	770.6078	125.8068	7.422781	6.929608	
071920BK-01_ 342	467.7767	1271.406	1.667842	15.50526	5.560121	0.45167	6.536398	0.060357	0.845421	0.12934	377.7943	3.102163	378.4482	20.65293	383.4087	145.8	377.7943	3.102163	98.53566	
071920BK-01_ 343	178.0565	401.6121	3.792968	8.920142	10.05449	0.281932	29.85458	0.02602	4.419106	0.148021	165.5918	7.224494	252.1889	66.76447	1162.513	598.2042	165.5918	7.224494	14.2443	
071920BK-01_ 344	1733.668	1760.378	2.311366	16.33667	6.040546	0.125443	11.42935	0.016822	0.847397	0.074142	107.5421	0.90375	119.995	12.93597	375.4547	257.2188	107.5421	0.90375	28.64316	
071920BK-01_ 345	56.68461	940.0551	0.716218	9.308374	7.354043	3.646995	8.630106	0.279042	1.723762	0.199738	1586.533	24.24274	1559.853	68.87703	1524.717	159.6421	1524.717	159.6421	104.0543	
071920BK-01_ 346	250.8714	588.672	3.56769	11.93042	11.85994	0.280722	14.80361	0.033662	2.160538	0.145947	213.4255	4.535644	251.2304	32.95885	621.8428	317.4525	213.4255	4.535644	34.32145	
071920BK-01_ 347	177.6288	154.3441	2.819301	4.137089	30.00833	0.276345	36.50302	0.01228	7.130983	0.195353	78.68041	5.576587	247.7538	80.41713	2489.916	626.0994	78.68041	5.576587	3.159962	
071920BK-01_ 348	727.7217	4042.438	3.459949	17.03541	4.397849	0.410529	7.809433	0.052848	0.794037	0.101677	331.98	2.569318	349.2562	23.08268	466.7419	172.314	331.98	2.569318	71.12712	
071920BK-01_ 349	631.5609	544.0516	1.696441	11.72859	7.909785	0.113842	34.02284	0.013836	2.427092	0.071337	88.58302	2.135287	109.4741	35.32284	592.6866	NA	88.58302	2.135287	14.94601	
071920BK-01_ 350	489.1789	380.5818	3.317102	9.438062	19.62842	0.141994	24.30636	0.014757	2.960141	0.121785	94.43384	2.775	134.8185	30.69649	923.0087	502.7939	94.43384	2.775	10.23109	
071920BK-01_ 351	399.3861	154.1004	3.288203	8.337109	29.54967	0.032204	296.365	0.010903	4.258292	0.014368	69.90652	2.960741	32.18432	94.15617	NA	NA	69.90652	2.960741		
071920BK-01_ 352	528.9688	555.1497	2.086472	15.72556	6.580819	0.149729	70.13461	0.02883	1.580087	0.022529	183.2237	2.854338	141.6729	93.00058	NA	NA	183.2237	2.854338		
071920BK-01_ 354	1053.82	564.898	2.345465	15.0872	8.159089	0.090068	37.1216	0.015937	1.388299	0.037399	101.9276	1.403932	87.56638	31.1536	NA	NA	101.9276	1.403932		
071920BK-01_ 355	133.3526	1494.151	1.167209	9.003121	2.776649	4.822332	7.773499	0.334037	0.815657	0.104928	1857.92	13.16598	1788.801	65.46479	1709.895	142.4474	1709.895	142.4474	108.6569	
071920BK-01_ 356	628.7167	294.3223	6.940634	9.117847	14.82386	0.101222	76.77945	0.011848	3.007163	0.039166	75.9267	2.269846	97.9041	71.77929	673.7958	NA	75.9267	2.269846	11.2685	
071920BK-01_ 357	1248.141	574.5032	1.510686	15.61719	7.442118	0.069879	65.67206	0.012975	1.35897	0.020693	83.10311	1.122098	68.58469	43.58024	NA	NA	83.10311	1.122098		
071920BK-01_ 358	1936.251	897.347	1.852537	16.76056	8.074046	0.093841	26.68589	0.015223	1.261683	0.047279	97.39189	1.219541	91.07513	23.25016	NA	NA	97.39189	1.219541		
071920BK-01_ 359	323.6961	390.0718	2.720656	10.17704	10.71344	0.149917	27.46275	0.017171	6.290011	0.229038	109.7544	6.845128	141.8386	36.37006	719.9126	577.0808	109.7544	6.845128	15.24551	
071920BK-01_ 360	648.2871	1164.483	4.681368	16.06297	8.495072	0.199146	24.1294	0.028073	1.849753	0.07666	178.4768	3.256097	184.403	40.71064	262.0012	NA	178.4768	3.256097	68.12061	
071920BK-01_ 361	387.9089	803.8981	2.082295	12.00166	13.20136	0.274568	27.46403	0.029373	3.074887	0.111961	186.6249	5.656237	246.3389	60.1434	863.2034	576.3664	186.6249	5.656237	21.62004	
071920BK-01_ 362	315.4486	193.6873	1.448583	7.712618	17.44316	0.084711	62.4318	0.010961	5.379684	0.086169	70.27484	3.760033	82.56453	49.54576	455.367	NA	70.27484	3.760033	15.43257	
071920BK-01_ 363	1216.948	944.735	2.088499	12.96842	5.273892	0.129742	15.7619	0.014694	1.153115	0.073158	94.03582	1.076471	123.8658	18.38176	743.7603	334.301	94.03582	1.076471	12.6433	
071920BK-01_ 364	708.3313	12739.28	3.879212	7.607165	0.764193	6.993674	1.312281	0.37513	0.766689	0.584241	2053.492	13.48266	2110.626	11.65829	2167.523	18.56663	2167.523	18.56663	94.73915	
071920BK-01_ 365	1262.061	1297.998	2.036698	15.5093	7.460426	0.116296	14.61267	0.015296	1.419867	0.097167	97.85819	1.378964	111.7083	15.45888	418.9411	326.2952	97.85819	1.378964	23.35846	
071920BK-01_ 366	122.3196	485.4281	1.731255	10.27787	19.57801	0.545085	44.54613	0.056302	2.570679	0.057708	353.0989	8.832928	441.7721	160.9037	935.5681	960.135	353.0989	8.832928	37.74166	
071920BK-01_ 367	736.8848	1338.113	3.112036	13.92783	10.43182	0.271566	11.44328	0.030545	1.439365	0.125783	193.9584	2.75019	243.9449	24.82007	758.3532	240.1576	193.9584	2.75019	25.57627	
071920BK-01_ 368	841.6603	644.5845	3.68564	13.61492	11.76627	0.085982	19.73263	0.011558	1.692787	0.085786	74.07851	1.246814	83.75336	15.86479	370.1412	NA	74.07851	1.246814	20.01358	
071920BK-01_ 369	494.5406	520.4237	5.358374	10.67358	16.8472	0.13904	23.09054	0.014437	3.919532	0.169746	92.40009	3.59582	132.1882	28.62721	924.8639	473.3544	92.40009	3.59582	9.990669	
071920BK-01_ 370	706.6682	887.3601	1.752461	12.85043	4.968976	0.25312	16.1172	0.028358	1.455706	0.09032	180.2609	2.587719	229.1075	33.06792	766.7134	340.1626	180.2609	2.587719	23.51085	
071920BK-01_ 371	274.9645	588.3631	3.463532	9.257432	19.49217	0.389077	24.09372	0.032238	2.296255	0.095305	204.5413	4.623058	333.6949	68.62834	1373.037	468.1387	204.5413	4.623058	14.89699	
071920BK-01_ 372	744.7936	1460.428	2.937878	16.13114	5.697933	0.247371	7.634389	0.033184	1.266541	0.1659	210.4431	2.622313	224.4384	15.37413	374.7509	169.6507	210.4431	2.622313	56.15545	
071920BK-01_ 373	1474.95	4953.504	1.419498	18.00449	3.125967	0.445477	3.621192	0.059038	0.600165	0.165737	369.775	2.156812	374.1073	11.33219	401.9778	80.00862	369.775	2.156812	91.98893	
071920BK-01_ 374	729.2776	561.1033	1.427095	12.57231	10.9323	0.095022	27.49862	0.012388	2.605063	0.094734	79.36707	2.054886	92.17082	24.23396	438.6575	NA	79.36707	2.054886	18.09317	
071920BK-01_ 375	1046.747	945.3606	3.512194	13.64571	7.820385	0.112266	14.01915	0.013512	1.746483	0.124578	86.5181	1.500929	108.0365	14.36884	613.9083	301.7816	86.5181	1.500929	14.093	
071920BK-01_ 376	203.3935	684.5707	4.483778	12.20335	11.56408	0.555576	26.14191	0.063647	1.691714	0.064713	397.7662	6.525671	448.6429	95.07934	719.5278	562.7168	397.7662	6.525671	55.28156	
071920BK-01_ 377	727.3843	1476.358	1.983271	15.63901	6.23337	0.234993	12.51375	0.030289	1.183734	0.094595	192.3568	2.243356	214.3122	24.18187	463.9427	276.9967	192.3568	2.243356	41.46132	
071920BK-01_ 378	213.7299	302.6344	1.357932	10.21873	18.1687	0.203789	91.1278	0.028821	3.726318	0.040891	183.1644	6.72924	188.3272	157.9037	254.5849	NA	183.1644	6.72924	71.9463	
071920BK-01_ 379	403.3901	325.396	3.11432	9.200606	18.43867	0.142101	33.03378	0.015395	4.464386	0.135146	98.4838	4.363283	134.9134	41.7566	837.0318	699.8374	98.4838	4.363283	11.76584	

Member: Cabin Creek
Sample: 070418BK-01

				Isotope ratios							Apparent ages (Ma)								
Analysis	U (ppm)	206Pb 204Pb	U/Th	206Pb* 207Pb*	± (%)	207Pb* 235U*	± (%)	206Pb* 238U	± (%)	error corr.	206Pb* 238U	± (Ma)	207Pb* 235U	± (Ma)	206Pb* 207Pb*	± (Ma)	Best age (Ma)	± (Ma)	Conc (%)
-070418BK-01 Spot 24	161.4139	8501.695	2.546174	21.44587	1.264018	0.082724	1.544365	0.012872	0.887313	0.574548	82.45188	0.726947	80.70268	1.198102	29.2171	30.30109	82.45188	0.726947	NA
-070418BK-01 Spot 93	879.4877	29350.2	2.743022	21.00587	1.042925	0.093506	1.432696	0.014252	0.982306	0.685634	91.22429	0.889791	90.76429	1.243951	78.6649	24.7632	91.22429	0.889791	NA
-070418BK-01 Spot 70	450.4354	58243.94	2.782295	20.84188	1.153437	0.0975	1.604722	0.014744	1.115668	0.695241	94.355	1.045022	94.46597	1.447538	97.2459	27.29277	94.355	1.045022	NA
-070418BK-01 Spot 137	728.585	34892.44	2.156212	21.0579	0.754024	0.096861	1.221919	0.0148	0.961527	0.786899	94.70577	0.903965	93.87479	1.095646	72.79089	17.9269	94.70577	0.903965	NA
-070418BK-01 Spot 113	225.2403	14979.85	4.260646	21.21836	1.444894	0.096148	1.755386	0.014803	0.996826	0.567867	94.72452	0.937335	93.21421	1.563411	54.72088	34.47802	94.72452	0.937335	NA
-070418BK-01 Spot 238	1418.898	64607.03	2.700933	21.01711	0.827782	0.097886	1.268835	0.014927	0.961624	0.757879	95.516	0.911733	94.82266	1.148674	77.39368	19.66444	95.516	0.911733	NA
-070418BK-01 Spot 270	579.0285	91276.8	3.094629	20.57164	0.845618	0.100581	1.534582	0.015013	1.280575	0.834478	96.06191	1.221025	97.31258	1.424015	128.0912	19.88277	96.06191	1.221025	NA
-070418BK-01 Spot 128	372.7248	41398.02	6.389988	21.08428	1.137586	0.09833	1.702441	0.015043	1.266572	0.743974	96.25067	1.210028	95.23347	1.547586	69.85078	27.05777	96.25067	1.210028	NA
-070418BK-01 Spot 127	160.9083	6673.057	3.262578	21.58881	1.760676	0.096048	2.014421	0.015045	0.978731	0.485862	96.26655	0.93519	93.1216	1.792415	13.2621	42.32557	96.26655	0.93519	NA
-070418BK-01 Spot 310	1066.528	59819.27	3.174767	20.87124	0.676502	0.099385	1.170083	0.015051	0.954694	0.815919	96.30061	0.912543	96.20891	1.074038	93.94227	16.02241	96.30061	0.912543	NA
-070418BK-01 Spot 307	345.5672	8085.825	11.94069	21.47144	1.285497	0.096728	1.567978	0.01507	0.897803	0.572587	96.4197	0.859218	93.75119	1.404177	26.36581	30.80914	96.4197	0.859218	NA
-070418BK-01 Spot 279	315.1344	13737.21	6.460137	20.58312	1.687709	0.100947	2.003478	0.015076	1.079611	0.538869	96.4621	1.033663	97.64999	1.865269	126.7779	39.70373	96.4621	1.033663	NA
-070418BK-01 Spot 57	713.017	41857.21	4.614937	20.93897	0.890265	0.09959	1.55944	0.015131	1.280345	0.821028	96.80795	1.230215	96.39762	1.434112	86.28124	21.11958	96.80795	1.230215	NA
-070418BK-01 Spot 244	165.843	12660.21	3.950715	21.10151	2.158899	0.098956	2.418851	0.015151	1.090869	0.450986	96.93777	1.049553	95.81235	2.211578	67.91037	51.39979	96.93777	1.049553	NA
-070418BK-01 Spot 164	597.587	31469.92	4.791457	20.86255	0.992509	0.101298	1.345702	0.015334	0.908758	0.675304	98.09908	0.884734	97.97365	1.256824	94.91798	23.49773	98.09908	0.884734	NA
-070418BK-01 Spot 45	449.1093	16386.49	4.878573	21.56953	1.017089	0.099438	1.487922	0.015562	1.086021	0.729891	99.54968	1.072826	96.2571	1.36644	15.4117	24.4451	99.54968	1.072826	NA
-070418BK-01 Spot 227	432.3265	32086.71	4.881394	20.90625	1.036055	0.10272	1.385992	0.015582	0.920631	0.66424	99.6726	0.91056	99.2841	1.310934	89.95969	24.53704	99.6726	0.91056	NA
-070418BK-01 Spot 208	431.7629	21460.01	2.9358	20.8344	0.909152	0.104831	1.367073	0.015847	1.020946	0.746812	101.358	1.026718	101.226	1.317091	98.10937	21.52065	101.358	1.026718	NA
-070418BK-01 Spot 59	394.493	32922.11	1.351379	20.78792	1.169717	0.105506	1.70551	0.015914	1.241179	0.727747	101.7794	1.253345	101.8459	1.652721	103.3811	27.6543	101.7794	1.253345	NA
-070418BK-01 Spot 191	222.3279	19779.77	2.682198	20.42177	1.363846	0.110665	1.684091	0.016398	0.987972	0.58665	104.8512	1.027521	106.5736	1.703819	145.2244	31.99102	104.8512	1.027521	NA
-070418BK-01 Spot 85	251.3492	14506.91	1.794772	20.97187	1.278159	0.108149	1.629695	0.016457	1.011047	0.62039	105.2246	1.055235	104.271	1.614961	82.51128	30.3462	105.2246	1.055235	NA
-070418BK-01 Spot 100	766.2011	43647.36	1.804995	20.83211	0.764176	0.110162	1.240415	0.016652	0.97707	0.787695	106.4586	1.031633	106.1137	1.249808	98.38755	18.08736	106.4586	1.031633	NA
-070418BK-01 Spot 295	141.9437	6931.332	3.04994	21.5557	2.398802	0.107553	2.570281	0.016822	0.923089	0.359139	107.538	0.984438	103.7243	2.534361	16.94288	57.61926	107.538	0.984438	NA
-070418BK-01 Spot 217	1089.578	46551.54	2.136484	20.44785	0.782366	0.114929	1.162917	0.017052	0.860395	0.739859	108.9947	0.929901	110.4639	1.217195	142.2372	18.38477	108.9947	0.929901	NA
-070418BK-01 Spot 92	851.477	50117.56	1.527003	20.78802	0.711754	0.113501	1.33543	0.01712	1.129947	0.846129	109.4274	1.226037	109.1626	1.382164	103.3755	16.80996	109.4274	1.226037	NA
-070418BK-01 Spot 152	190.2911	11461.62	2.779326	21.11444	1.428156	0.112323	1.693718	0.017208	0.910523	0.537588	109.9876	0.992967	108.0881	1.736637	66.4466	34.02005	109.9876	0.992967	NA
-070418BK-01 Spot 206	249.8241	19788.5	2.020573	20.89728	1.645156	0.113726	1.915807	0.017244	0.981722	0.512433	110.2143	1.072801	109.3681	1.986387	90.98907	38.9888	110.2143	1.072801	NA
-070418BK-01 Spot 78	519.3841	153290.1	3.469713	20.38276	1.045455	0.121056	1.489222	0.017903	1.060569	0.712163	114.3921	1.202506	116.0289	1.632858	149.741	24.50428	114.3921	1.202506	NA
-070418BK-01 Spot 183	200.6165	130655.4	2.526613	20.52045	1.766342	0.12026	2.046794	0.017906	1.034119	0.505238	114.4079	1.172676	115.308	2.231044	133.9336	41.50127	114.4079	1.172676	NA
-070418BK-01 Spot 145	111.8213	6205.775	3.739031	21.47746	1.48979	0.116127	1.759709	0.018097	0.936537	0.532211	115.6169	1.073143	111.5547	1.859048	25.69913	35.71426	115.6169	1.073143	NA
-070418BK-01 Spot 309	134.8678	23379.63	3.026192	20.50443	1.068564	0.150086	1.453414	0.022329	0.985181	0.677839	142.3609	1.387139	141.9882	1.925885	135.7696	25.10181	142.3609	1.387139	NA
-070418BK-01 Spot 76	126.451	7998.701	3.140086	21.02197	2.047881	0.153635	2.310108	0.023434	1.06901	0.462753	149.3237	1.577939	145.1159	3.123807	76.84449	48.66913	149.3237	1.577939	NA
-070418BK-01 Spot 10	174.0726	248809.3	2.61267	20.16332	1.35538	0.162556	1.65353	0.023782	0.947157	0.572809	151.5151	1.418353	152.9376	2.347637	175.0178	31.62589	151.5151	1.418353	NA
-070418BK-01 Spot 69	346.0901	3361825	2.050411	19.84438	1.059808	0.176347	1.544659	0.025392	1.123734	0.727497	161.6426	1.793849	164.9125	2.351237	212.0894	24.55955	161.6426	1.793849	NA
-070418BK-01 Spot 308	885.8617	62220.96	2.050115	20.44476	0.676164	0.173152	1.194397	0.025686	0.984574	0.824327	163.492	1.58946	162.1507	1.789997	142.6194	15.84608	163.492	1.58946	NA
-070418BK-01 Spot 255	106.5733	6194.801	1.779804	21.68949	1.385004	0.173623	1.687171	0.027324	0.963489	0.571067	173.7779	1.651964	162.5579	2.534356	2.076726	33.34934	173.7779	1.651964	NA
-070418BK-01 Spot 39	519.7984	136670.9	2.705248	19.87046	0.683774	0.197814	1.142729	0.02852	0.915577	0.80122	181.28	1.636638	183.2748	1.916201	209.0504	15.84615	181.28	1.636638	NA
-070418BK-01 Spot 99	770.9838	140503.2	10.05911	19.7222	0.71466	0.199838	1.227784	0.028597	0.998357	0.813137	181.7618	1.789287	184.9892	2.076387	226.4159	16.53365	181.7618	1.789287	NA
-070418BK-01 Spot 146	221.4446	17633.31	2.956955	20.4731	1.278527	0.192835	1.546146	0.028646	0.869445	0.56233	182.0656	1.560816	179.0454	2.537971	139.3628	30.00982	182.0656	1.560816	NA
-070418BK-01 Spot 21	326.3355	44624.99	2.77943	20.33823	0.992362	0.194709	1.413744	0.028733	1.006922	0.712237	182.6163	1.813002	180.6394	2.339514	154.8755	23.22575	182.6163	1.813002	NA
-070418BK-01 Spot 108	342.2656	23845.81	4.634212	20.17229	0.993318	0.196843	1.606078	0.028811	1.262065	0.785805	183.1045	2.278387	182.4516	2.682136	173.9808	23.16582	183.1045	2.278387	NA
-070418BK-01 Spot 304	647.9699	623086.9	1.462012	19.92545	0.794835	0.199791	1.421667	0.028885	1.178718	0.82911	183.566	2.133209	184.9494	2.403805	202.6768	18.44923	183.566	2.133209	NA
-070418BK-01 Spot 144	302.4999	42437.91	3.556802	20.02011	0.954618	0.199026	1.704567	0.028911	1.412181	0.828469	183.7296	2.557969	184.3019	2.872942	191.6664	22.22607	183.7296	2.557969	NA
-070418BK-01 Spot 155	245.4664	44636.38	3.6945	19.97176	1.141701	0.19973	1.410035	0.028943	0.827476	0.586848	183.9307	1.500474	184.8973	2.383524	197.2427	26.53346	183.9307	1.500474	NA
-070418BK-01 Spot 219	349.6708	39227	4.310989	20.03916	0.942754	0.199656	1.40931	0.02903	1.047554	0.74331	184.4752	1.905088	184.8348	2.381564	189.4093	21.93574	184.4752	1.905088	NA
-070418BK-01 Spot 56	236.9151	11630.66	3.808871	20.31286	1.656738	0.198956	1.842973	0.029324	0.807324	0.438055	186.3132	1.482622	184.2427	3.105308	157.79	38.75732	186.3132	1.482622	NA
-070418BK-01 Spot 253	304.5993	28810.25	2.214714	20.17953	0.963424	0.200833	1.412196	0.029406	1.032527	0.73115	186.8286	1.90137	185.8308	2.398159	173.1437	22.49653	186.8286	1.90137	NA
-070418BK-01 Spot 9	203.4716	15842.71	2.698951	19.95736	1.193763	0.203174	1.554887	0.029421	0.996294	0.64075	186.9242	1.835573	187.8083	2.666057	198.9277	27.74197	186.9242	1.835573	NA

-070418BK-01 Spot 20	325.066	52827.33	2.006973	20.26493	0.889275	0.200296	1.349746	0.029451	1.015383	0.752277	187.1133	1.872608	185.3764	2.286999	163.2794	20.79149	187.1133	1.872608	NA	
-070418BK-01 Spot 2	391.2942	145080.2	2.848921	20.11122	0.80101	0.201856	1.464607	0.029456	1.226156	0.837191	187.1399	2.261639	186.6952	2.497701	181.0511	18.66632	187.1399	2.261639	NA	
-070418BK-01 Spot 194	358.2563	107080.7	2.471592	20.27227	0.817057	0.201235	1.302002	0.0296	1.013719	0.778585	188.0453	1.878716	186.1708	2.214716	162.4338	19.0959	188.0453	1.878716	NA	
-070418BK-01 Spot 197	265.4649	112059.4	3.391452	20.25531	0.913911	0.201699	1.122671	0.029644	0.652041	0.580794	188.317	1.210143	186.5628	1.913335	164.389	21.34718	188.317	1.210143	NA	
-070418BK-01 Spot 171	300.6873	2518628	3.299708	20.24828	0.841548	0.202357	1.412134	0.02973	1.133984	0.803028	188.8576	2.110549	187.1184	2.413187	165.2006	19.64562	188.8576	2.110549	NA	
-070418BK-01 Spot 184	277.9333	58801.23	3.885836	20.19488	0.997854	0.203403	1.530993	0.029805	1.161132	0.758417	189.3266	2.166364	188.0016	2.627548	171.3692	23.30551	189.3266	2.166364	NA	
-070418BK-01 Spot 186	656.139	55272.65	3.978297	20.0563	0.871607	0.20543	1.306118	0.029895	0.972751	0.744765	189.8927	1.820243	189.7105	2.260138	187.4194	20.28815	189.8927	1.820243	NA	
-070418BK-01 Spot 122	271.9766	23643.23	3.113679	20.28065	1.10344	0.203934	1.62247	0.03001	1.189465	0.73312	190.6077	2.234023	188.4493	2.790578	161.5106	25.79781	190.6077	2.234023	NA	
-070418BK-01 Spot 46	281.6978	13421.01	3.668126	19.99424	0.78764	0.207859	1.09789	0.030155	0.764844	0.696649	191.5192	1.443278	191.7544	1.918412	194.6734	18.30936	191.5192	1.443278	NA	
-070418BK-01 Spot 290	95.07435	15766.84	3.546089	19.90101	1.687557	0.209123	1.87427	0.030197	0.8155	0.435103	191.7811	1.540939	192.8161	3.291501	205.5072	39.17248	191.7811	1.540939	NA	
-070418BK-01 Spot 242	289.6039	58507.73	3.063695	19.55992	0.903307	0.213734	1.263682	0.030334	0.883702	0.699307	192.6377	1.677158	196.6812	2.259531	245.4541	20.81301	192.6377	1.677158	NA	
-070418BK-01 Spot 254	328.403	45697.92	2.438176	20.02944	0.857788	0.20956	1.420691	0.030455	1.132503	0.797149	193.3982	2.157712	193.1835	2.499261	190.5826	19.97652	193.3982	2.157712	NA	
-070418BK-01 Spot 125	510.1532	227607.2	3.755618	19.77607	0.764657	0.212287	1.331456	0.030461	1.089988	0.818644	193.4359	2.077109	195.4699	2.36742	220.1171	17.69129	193.4359	2.077109	NA	
-070418BK-01 Spot 204	301.878	19026.48	2.14186	20.34702	0.948955	0.207035	1.423863	0.030566	1.061542	0.745536	194.0871	2.029609	191.0616	2.479837	153.8196	22.21291	194.0871	2.029609	NA	
-070418BK-01 Spot 129	177.6557	7113.054	4.333669	20.54214	0.938674	0.20596	1.25563	0.030699	0.833966	0.664181	194.9185	1.601223	190.1571	2.177424	131.437	22.07397	194.9185	1.601223	NA	
-070418BK-01 Spot 67	166.4444	167831.6	3.270883	19.69432	1.18984	0.215366	1.604868	0.030776	1.076978	0.67107	195.4008	2.072848	198.046	2.887626	229.6493	27.4718	195.4008	2.072848	NA	
-070418BK-01 Spot 126	406.8724	39720.48	2.483672	19.69176	0.780827	0.215912	1.633691	0.03085	1.43501	0.878385	195.8632	2.768387	198.5016	2.945612	229.9497	18.03497	195.8632	2.768387	NA	
-070418BK-01 Spot 292	165.9895	9207.765	3.964443	20.99198	1.475193	0.202603	1.772063	0.030859	0.981841	0.554067	195.9249	1.894733	187.3267	3.03134	80.23528	35.02552	195.9249	1.894733	NA	
-070418BK-01 Spot 30	151.4086	8433.785	3.111012	20.54386	1.131621	0.207882	1.416137	0.030987	0.851397	0.601211	196.7254	1.649616	191.7734	2.474729	131.2349	26.60673	196.7254	1.649616	NA	
-070418BK-01 Spot 267	641.7878	43345.28	3.705554	19.98362	0.745737	0.213807	1.114418	0.031002	0.828132	0.743108	196.8138	1.605249	196.7423	1.993199	195.9079	17.35337	196.8138	1.605249	NA	
-070418BK-01 Spot 102	190.5667	39122.64	3.539692	20.31284	1.16971	0.210393	1.453854	0.031009	0.863407	0.593875	196.861	1.674021	193.8824	2.565999	157.7911	27.36529	196.861	1.674021	NA	
-070418BK-01 Spot 41	379.4756	50638.33	4.415388	19.98596	1.005481	0.214076	1.397588	0.031044	0.970701	0.694554	197.0807	1.884116	196.9676	2.502261	195.6361	23.38196	197.0807	1.884116	NA	
-070418BK-01 Spot 84	189.8915	25834.85	3.20686	20.3148	1.166236	0.210616	1.43012	0.031045	0.827731	0.578784	197.0848	1.606647	194.0691	2.526316	157.5507	27.28143	197.0848	1.606647	NA	
-070418BK-01 Spot 294	131.6858	18534.88	3.797018	20.17635	1.128155	0.21222	1.535568	0.031068	1.041747	0.678411	197.2305	2.023529	195.4139	2.729636	173.5122	26.30394	197.2305	2.023529	NA	
-070418BK-01 Spot 259	178.1044	27461.79	2.205967	19.98947	1.173858	0.214215	1.464988	0.03107	0.876497	0.598296	197.2407	1.702627	197.0837	2.624336	195.2286	27.29739	197.2407	1.702627	NA	
-070418BK-01 Spot 75	419.909	22201.75	5.12963	20.46168	0.68426	0.209276	1.129256	0.031071	0.898336	0.795511	197.2452	1.74509	192.9453	1.984346	140.6879	16.0645	197.2452	1.74509	NA	
-070418BK-01 Spot 107	135.9002	65885.52	2.962856	20.38246	1.061278	0.210439	1.379993	0.031122	0.882083	0.639194	197.5679	1.716278	193.9208	2.436074	149.7605	24.87478	197.5679	1.716278	NA	
-070418BK-01 Spot 202	435.2187	83489.02	2.963779	20.10123	0.859254	0.213457	1.514738	0.031133	1.247442	0.823537	197.6351	2.427975	196.4492	2.705539	182.208	20.021	197.6351	2.427975	NA	
-070418BK-01 Spot 252	189.9768	9617.6	2.534026	20.76697	0.913728	0.207019	1.46231	0.031194	1.141689	0.780743	198.0171	2.226369	191.0483	2.546637	105.7605	21.61359	198.0171	2.226369	NA	
-070418BK-01 Spot 212	101.064	6893.237	3.553781	20.33709	1.653628	0.211938	1.827442	0.031274	0.777855	0.425652	198.5175	1.520643	195.1774	3.244911	155.0077	38.72808	198.5175	1.520643	NA	
-070418BK-01 Spot 226	522.9214	510424	2.535295	19.72933	0.725067	0.21854	1.080827	0.031285	0.801539	0.741598	198.5835	1.567458	200.6941	1.968241	225.5906	16.73682	198.5835	1.567458	NA	
-070418BK-01 Spot 6	320.7878	33996.51	2.21286	20.55868	0.889744	0.210075	1.469384	0.031337	1.169378	0.795829	198.9107	2.290499	193.6157	2.59017	129.539	20.94081	198.9107	2.290499	NA	
-070418BK-01 Spot 115	257.2464	86012.06	2.788199	19.57639	0.834553	0.221108	1.078942	0.031407	0.68384	0.633806	199.3476	1.342357	202.8317	1.983715	243.5213	19.20575	199.3476	1.342357	NA	
-070418BK-01 Spot 66	111.9029	41678.76	2.251452	20.08352	1.422695	0.215571	1.697604	0.031414	0.926174	0.545577	199.3898	1.818429	198.2171	3.056877	184.2626	33.13449	199.3898	1.818429	NA	
-070418BK-01 Spot 301	138.3675	6694.405	3.60723	20.92161	1.260185	0.20729	1.552051	0.031467	0.905979	0.58373	199.7262	1.781733	191.2763	2.705855	88.24694	29.86443	199.7262	1.781733	NA	
-070418BK-01 Spot 291	111.4051	16968.35	2.770718	20.32503	1.223745	0.2145	1.503123	0.031633	0.872826	0.580675	200.7632	1.725309	197.3218	2.695597	156.3597	28.62512	200.7632	1.725309	NA	
-070418BK-01 Spot 134	89.71098	15429.75	2.249816	20.04865	1.470496	0.217832	1.753386	0.031688	0.954988	0.544654	201.1042	1.890874	200.1039	3.184515	188.3075	34.24219	201.1042	1.890874	NA	
-070418BK-01 Spot 283	135.1342	27285.53	4.445737	19.8007	1.263845	0.221344	1.673592	0.031801	1.09709	0.65553	201.8077	2.179716	203.0274	3.079711	217.1993	29.28086	201.8077	2.179716	NA	
-070418BK-01 Spot 203	74.55245	14863.9	3.087566	20.26564	1.567272	0.217139	1.855765	0.031929	0.993741	0.535489	202.6098	1.982106	199.5254	3.361641	163.1965	36.62168	202.6098	1.982106	NA	
-070418BK-01 Spot 246	177.534	26531.88	3.242682	19.70252	1.238394	0.223766	1.653041	0.031989	1.094953	0.662387	202.9863	2.187977	205.0395	3.069099	228.6877	28.60529	202.9863	2.187977	NA	
-070418BK-01 Spot 112	249.413	39855.61	3.131123	19.97114	0.797598	0.220788	1.090232	0.031994	0.743266	0.68175	203.0144	1.485425	202.565	2.002092	197.3404	18.55364	203.0144	1.485425	NA	
-070418BK-01 Spot 44	103.5235	2724.183	3.429219	22.17769	1.63661	0.198946	2.17193	0.032014	1.42786	0.657416	203.1401	2.855332	184.2336	3.659421	NA	NA	203.1401	2.855332	NA	
-070418BK-01 Spot 210	233.4532	29990.77	4.051383	20.18227	1.035075	0.219503	1.514599	0.032144	1.105726	0.730046	203.9518	2.219848	201.4958	2.768125	172.8268	24.16117	203.9518	2.219848	NA	
-070418BK-01 Spot 277	110.7838	33713.47	2.376102	20.17552	1.398213	0.219774	1.807984	0.032173	1.146214	0.633974	204.1327	2.303139	201.7216	3.307675	173.608	32.62049	204.1327	2.303139	NA	
-070418BK-01 Spot 299	380.6116	51269.37	3.072841	19.79927	0.804618	0.223971	1.19678	0.032176	0.885929	0.740261	204.1512	1.780297	205.2094	2.223645	217.3589	18.63606	204.1512	1.780297	NA	
-070418BK-01 Spot 260	104.2921	589904.5	4.598282	20.17895	1.499621	0.225823	1.777111	0.033064	0.953551	0.536574	209.6963	1.967389	206.745	3.3242	173.2101	35.01036	209.6963	1.967389	NA	
-070418BK-01 Spot 178	112.029	17145.99	4.082957	19.83018	1.461463	0.232003	1.81905	0.033382	1.083083	0.595411	211.6782	2.255418	211.8507	3.478227	213.7912	33.85922	211.6782	2.255418	NA	
-070418BK-01 Spot 53	138.4127	12715.6	3.016597	20.35235	1.670776	0.227511	1.944908	0.033597	0.995577	0.511889	213.0232	2.086152	208.1416	3.660221	153.2398	39.15934	213.0232	2.086152	NA	
-070418BK-01 Spot 42	232.1652	9967.649	4.712356	20.43507	0.940588	0.226866	1.265258	0.033638	0.84627	0.668852	213.279	1.775384	207.6085	2.375651	143.7262	22.05021	213.279	1.775384	NA	
-070418BK-01 Spot 50	216.8112	88809.79	3.153399	19.91115	0.971448	0.244216	1.496988	0.035282	1.138974	0.760844	223.5243	2.502252	221.8666	2.983508	204.3444	22.54691	223.5243	2.502252	NA	
-070418BK-01 Spot 180	137.3681	2824.913	8.935773	9.011503	4.472141	0.545106	4.654433	0.035642	1.289846	0.277122	225.7652	2.861621	441.7855	16.67471	1814.544	81.25855	225.7652	2.861621	NA	
-070418BK-01 Spot 165	304.8886	332390.3	2.22253	19.57712	0.984065	0.267658	1.489422	0.03802	1.118031	0.750648	240.5511	2.639876	240.8199	3.193212	243.4563	22.69129	240.5511	2.639876	NA	
-070418BK-01 Spot 52	38.24079	284488.3	4.183937	18.75683	1.825376	0.311241	2.026783	0.042359	0.880824	0.434592	267.4379	2.307462	275.1427	4.884894	341.1923	41.30615	267.4379	2.307462	NA	
-070418BK-01 Spot 209	59.13953	5587.695	3.502568	19.90238	1.847972	0.293775	2.093528	0.042424	0.983798	0.469923	267.838	2.580996	261.5262	4.826894	205.3599	42.8801	267.838	2.580996	NA	
-070418BK-01 Spot 34	262.8648	29075.25	3.506201	17.33867	1.860154	0.391664	2.291011	0.049274	1.33737	0.583747	310.0626	4.04854	335.5845	6.547004	516.4439	40.83631	310.0626	4.04854	NA	
-070418BK-01 Spot 195	161.4437	80241.04	3.01875	18.74085	0.925991	0.384051	1.301834	0.052223	0.915047	0.702891	328.1582	2.927653	330.0143	3.667955	343.1037	20.93553	328.1582	2.927653	NA	
-070418BK-01 Spot 163	68.79369	25354.97	1.505598	18.94352	0.83459	0.382252	1.237316	0.052541	0.913461	0.73826	330.103	2.939459	328.6937	3.47436	318.7055	18.94918	330.103	2.939459	NA	
-070418BK-01 Spot 302	176.7934	89068.09	2.662043	18.64522	0.823673	0.40141	1.150515	0.054305	0.803274	0.698186	340.9008	2.667222	342.6705	3.346163	354.6792	18.59945	340.9008	2.667222	NA	
-070418BK-01 Spot 139	234.5532	23196.61	3.402093	19.0125	0.833988	0.394226	1.340992	0.054384	1.050106	0.783082	341.3813	3.4916	337.4515	3.850081	310.4568	18.96747	341.3813	3.4916	NA	
-070418BK-01 Spot 205	227.7597	31489.9	3.242275	18.84972	0.909709	0.401962	1.150688	0.054977	0.704636	0.612361	345.0028	2.367106	343.0702	3.349945	329.9776	20.62635	345.0028	2.367106	NA	
-070418BK-01 Spot 47	629.2563	207082.9	1.982429	18.49817	0.567943	0.412236	1.076445	0.05533	0.914426	0.849487	347.1632	3.090585	350.4839	3.190522	372.5229	12.78765	347.1632	3.090585	NA	
-070418BK-01 Spot 150	90.24868	38234.23	2.354655	18.7704	1.035274	0.410627	1.424624	0.055925	0.978653	0.686955	350.7979	3.341355	349.3267	4.210833	339.5789	23.44581	350.7979	3.341355	NA	
-070418BK-01 Spot 162	315.4457	113160.3	6.188458	18.61706	0.757321	0.4157	1.432685	0.056154	1.216163	0.84887	352.192	4.168328	352.9716	4.271615	358.0805	17.07888	352.192	4.168328	NA	
-070418BK-01 Spot 169	780.9141	92973.98	1.464872	18.39637	0.767589	0.422172	1.249489	0.056352	0.985915	0.789055	353.4021	3.390462	357.6033	3.766187	384.9342	17.24417	353.4021	3.390462	NA	
-070418BK-01 Spot 241	250.3241	73402.23	3.344074	18.81377	0.846329	0.414488	1.459906	0.056582	1.18956	0.81482	354.8029	4.106548	352.1018	4.343802	334.3062	19.19696	354.8029	4.106548	NA	
-070418BK-01 Spot 278	403.4321	48766.4	2.034817	18.57333	0.61585	0.420364	1.358614	0.05665	1.211016	0.891361	355.2228	4.185428	356.3114	4.082763	363.3864	13.88389	355.2228	4.185428	NA	
-070418BK-01 Spot 36	435.9783	192109.8	2.236178	18.7737	0.778627	0.416058	1.28484	0.056675	1.022034	0.795456	355.3731	3.533735	353.2287	3.833135	339.1804	17.61292	355.3731	3.533735	NA	
-070418BK-01 Spot 263	327.2949	95946.4	2.705771	18.57664	0.882924	0.421024	1.648605	0.056749	1.392244	0.844498	355.8269	4.819736	356.783	4.959699	362.9859	19.89399	355.8269	4.819736	NA	
-070418BK-01 Spot 94	134.9892	19042.66	5.025291	18.69364	0.859629	0.420866	1.30583	0.057085	0.98297	0.752755	357.8761	3.421949	356.67	3.927438	348.852	19.43607	357.8761	3.421949	NA	
-070418BK-01 Spot 182	278.6346	62474.19	2.173576	18.72252	0.696423	0.421332	1.151295	0.057237	0.916774	0.796298	358.8	3.199519	357.0031	3.465349	345.3325	15.75516	358.8	3.199519	NA	
-070418BK-01 Spot 248	1558.284	275299.6	17.79685	18.43982	0.529223	0.427986	1.021938	0.057263	0.874231	0.855464	358.959	3.052361	361.7456	3.110009	379.6314	11.90072	358.959	3.052361	NA	
-070418BK-01 Spot 105	83.29326	11605.09	1.810071	18.9095	1.104208	0.417677	1.538127	0.057307	1.070775	0.696155	359.2274	3.741308	354.3884	4.60138	322.8324	25.07935	359.2274	3.741308	NA	
-070418BK-01 Spot 71	489.896	115168.1	1.634228	18.48904	0.54231	0.428747	1.10824	0.057518	0.966486	0.872091	360.5134	3.388674	362.2868	3.376847	373.6353	12.20752	360.5134	3.388674	NA	
-070418BK-01 Spot 25	268.6604	230488.2	4.68572	18.6467	0.843267	0.425438	1.257852	0.057561	0.933323	0.741998	360.7733	3.274693	359.9318	3.811967	354.5104	19.03132	360.7733	3.274693	NA	
-070418BK-01 Spot 247	389.4382	98571.07	4.13822	18.6997	0.714277	0.424676	1.330789	0.057621	1.122858	0.843753	361.1411	3.943606	359.3894	4.027944	348.1186	16.14603	361.1411	3.943606	NA	
-070418BK-01 Spot 177	150.7392	17778.92	2.504308	18.56632	0.903299	0.429323	1.259177	0.057836	0.877257	0.69669	362.4513	3.091892	362.6958	3.840367	364.2387	20.36728	362.4513	3.091892	NA	
-070418BK-01 Spot 138	505.3	95247.56	2.635963	18.41652	0.864809	0.434039	1.329235	0.058	1.009441	0.759415	363.448	3.567287	366.0406	4.085094	382.474	19.43676	363.448	3.567287	NA	
-070418BK-01 Spot 153	420.6736	145739.8	1.710148	18.32576	1.165228	0.438066	1.648035	0.058249	1.165445	0.707173	364.9684	4.135339	368.8876	5.097537	393.5667	26.13807	364.9684	4.135339	NA	
-070418BK-01 Spot 192	135.4635	56903.93	3.333275	18.31246	0.816277	0.438412	1.165338	0.058253	0.831688	0.713688	364.9908	2.951247	369.1318	3.606471	395.1968	18.30478	364.9908	2.951247	NA	
-070418BK-01 Spot 240	1000.7	111763.5	2.689305	18.56783	0.517727	0.432873	1.052594	0.058319	0.916467	0.870675	365.3934	3.255574	365.2142	3.228826	364.0543	11.65244	365.3934	3.255574	NA	
-070418BK-01 Spot 168	298.6554	24163.5	2.058823	18.7209	0.713831	0.42943	1.685023	0.058332	1.526351	0.905834	365.4735	5.423225	362.7716	5.140067	345.529	16.14847	365.4735	5.423225	NA	
-070418BK-01 Spot 262	527.1851	156264.5	2.217564	18.42376	0.548618	0.436739	1.244918	0.058383	1.117515	0.897661	365.7856	3.973898	367.9505	3.842527	381.5906	12.33242	365.7856	3.973898	NA	
-070418BK-01 Spot 269	190.6859	47927.64	3.705138	18.60147	0.960419	0.435451	1.392308	0.058773	1.008026	0.723996	368.1562	3.607129	367.0396	4.288631	359.9714	21.67195	368.1562	3.607129	NA	
-070418BK-01 Spot 79	298.2371	58416.43	12.88747	18.10712	0.727614	0.447789	1.614044	0.058832	1.440734	0.892624	368.5157	5.160427	375.7297	5.068937	420.4267	16.24473	368.5157	5.160427	NA	
-070418BK-01 Spot 288	273.6573	109123	3.555739	18.56997	0.827709	0.437068	1.174006	0.058891	0.832578	0.709177	368.8771	2.984972	368.1831	3.62555	363.7945	18.65524	368.8771	2.984972	NA	
-070418BK-01 Spot 38	224.6404	71489.29	2.097409	18.62078	0.81665	0.436548	1.39005	0.058982	1.124865	0.809226	369.43	4.038757	367.8154	4.289185	357.6295	18.41296	369.43	4.038757	NA	
-070418BK-01 Spot 265	153.1747	96523.19	3.621544	18.41419	0.79417	0.441513	1.240484	0.058991	0.95294	0.7682	369.4846	3.421962	371.3186	3.857873	382.76	17.84826	369.4846	3.421962	NA	
-070418BK-01 Spot 13	195.6028	27910.67	3.55825	18.56142	0.930884	0.438326	1.295495	0.059033	0.900978	0.69547	369.7431	3.23757	369.0714	4.008738	364.8335	20.98756	369.7431	3.23757	NA	
-070418BK-01 Spot 11	902.1741	332637	2.324882	18.46699	0.730957	0.44232	1.442964	0.059268	1.244125	0.862201	371.1723	4.48742	371.8869	4.493276	376.3201	16.44612	371.1723	4.48742	NA	
-070418BK-01 Spot 297	174.8138	37274.16	2.444795	18.53038	1.118308	0.440901	1.628536	0.059281	1.183856	0.726945	371.2497	4.270903	370.8878	5.059855	368.6061	25.18715	371.2497	4.270903	NA	
-070418BK-01 Spot 4	334.7993	211442.2	2.256829	18.04746	0.775954	0.453885	1.275222	0.059436	1.011972	0.793565	372.1946	3.659836	379.996	4.042348	427.79	17.30218	372.1946	3.659836	NA	
-070418BK-01 Spot 156	360.1065	245272.9	1.866425	18.39633	0.718722	0.44565	1.420963	0.059486	1.225795	0.862651	372.4972	4.436638	374.2285	4.44781	384.9384	16.14657	372.4972	4.436638	NA	
-070418BK-01 Spot 313	170.4886	36699.65	2.628012	18.363	0.813651	0.447368	1.247277	0.059607	0.945343	0.757925	373.2344	3.428145	375.4347	3.914543	389.0121	18.26571	373.2344	3.428145	NA	
-070418BK-01 Spot 141	431.7759	37362.2	2.181059	18.47393	0.816235	0.449229	1.391882	0.060216	1.127429	0.810003	376.9412	4.127884	376.7391	4.380923	375.4752	18.36804	376.9412	4.127884	NA	
-070418BK-01 Spot 188	245.9192	38745.26	4.788041	18.80758	0.855263	0.443565	1.347641	0.060531	1.04147	0.77281	378.8538	3.831947	372.763	4.204625	335.0792	19.39522	378.8538	3.831947	NA	
-070418BK-01 Spot 35	260.2269	25688.78	2.072578	18.77472	0.895343	0.448559	1.408781	0.061106	1.08767	0.772064	382.3456	4.037733	376.2699	4.429552	339.0583	20.27879	382.3456	4.037733	NA	
-070418BK-01 Spot 222	160.394	4725.65	3.865714	12.50713	5.546021	0.678741	6.17622	0.061596	2.717967	0.44007	385.322	10.16608	526.0135	25.36083	1195.024	109.4859	385.322	10.16608	NA	
-070418BK-01 Spot 28	330.6292	188683.9	3.660124	18.39623	0.702862	0.484462	1.268304	0.064666	1.055736	0.8324	403.94	4.13368	401.1296	4.202875	384.9509	15.79059	403.94	4.13368	104.9329	
-070418BK-01 Spot 61	183.0242	23793.77	4.266087	15.51303	3.208886	0.588986	3.374172	0.066296	1.043115	0.309147	413.803	4.18082	470.2197	12.70002	755.8846	67.74865	413.803	4.18082	54.74421	
-070418BK-01 Spot 224	216.4419	91553.16	1.776768	17.76168	0.998267	0.522482	1.438734	0.067335	1.03606	0.720119	420.0816	4.213518	426.8078	5.013408	463.3103	22.1231	420.0816	4.213518	90.66961	
-070418BK-01 Spot 109	153.7745	56207.86	1.601559	17.81543	0.815586	0.52958	1.181448	0.068457	0.854774	0.723497	426.8509	3.530438	431.5311	4.153427	456.573	18.09979	426.8509	3.530438	93.49018	
-070418BK-01 Spot 106	275.2848	63291.33	1.624446	18.10895	0.840102	0.52837	1.241639	0.069426	0.914274	0.736344	432.6937	3.826162	430.7273	4.358507	420.2014	18.75718	432.6937	3.826162	102.9729	
-070418BK-01 Spot 175	367.3588	115388.1	2.405471	17.65668	0.689156	0.549772	1.269313	0.070434	1.065936	0.839774	438.7673	4.521365	444.8475	4.572109	476.4132	15.24675	438.7673	4.521365	92.09804	
-070418BK-01 Spot 245	297.3128	113265.5	3.773541	17.68155	0.709732	0.591185	1.51043	0.075846	1.333296	0.882726	471.2786	6.059351	471.624	5.6982	473.283	15.71242	471.2786	6.059351	99.5765	

-070418BK-01 Spot 286	896.1587	167513.7	2.45563	17.57079	0.70684	0.607971	1.218886	0.077511	0.993005	0.814683	481.2474	4.604793	482.2797	4.679514	487.1684	15.59955	481.2474	4.604793	98.78462
-070418BK-01 Spot 91	213.0035	107028	1.404834	17.94222	0.755885	0.620963	1.397625	0.080841	1.175583	0.841129	501.138	5.668121	490.4504	5.436473	440.816	16.83679	501.138	5.668121	113.6842
-070418BK-01 Spot 48	273.9708	42192.28	1.757772	17.50642	0.540657	0.642994	1.054085	0.081676	0.904867	0.858439	506.116	4.404515	504.1582	4.188697	495.2991	11.91577	506.116	4.404515	102.1839
-070418BK-01 Spot 296	331.508	197573.1	11.00444	13.18038	0.66288	0.885663	1.245497	0.0847	1.054445	0.846605	524.1166	5.307825	644.0367	5.939941	1090.76	13.29619	524.1166	5.307825	48.05057
-070418BK-01 Spot 1	94.7276	14716.34	1.228397	17.71698	1.051278	0.664519	1.35653	0.085425	0.857315	0.631991	528.4226	4.349541	517.3742	5.49898	468.8601	23.2751	528.4226	4.349541	112.7037
-070418BK-01 Spot 22	309.9942	85968.28	6.238129	17.33038	0.79057	0.694276	2.150739	0.087303	2.000169	0.929992	539.5658	10.35292	535.3665	8.949048	517.494	17.34424	539.5658	10.35292	104.2651
-070418BK-01 Spot 60	644.8276	134849.9	7.745583	16.99326	0.645364	0.719472	1.315388	0.088711	1.14619	0.87137	547.9102	6.02061	550.3549	5.58865	560.4741	14.0802	547.9102	6.02061	97.75835
-070418BK-01 Spot 190	59.00489	64544.64	3.280905	17.10449	1.227855	0.720149	1.462625	0.089376	0.794759	0.543379	551.845	4.20336	550.7551	6.217627	546.2295	26.83539	551.845	4.20336	101.0281
-070418BK-01 Spot 215	85.32334	118854.6	3.57318	16.96942	0.916472	0.74831	1.286315	0.092137	0.9026	0.701694	568.1661	4.908767	567.2435	5.590424	563.5254	19.96512	568.1661	4.908767	100.8235
-070418BK-01 Spot 27	329.4027	48514.53	2.792329	16.98819	0.617599	0.750598	1.384833	0.092521	1.23949	0.895046	570.4324	6.766655	568.5716	6.029117	561.1163	13.44607	570.4324	6.766655	101.6603
-070418BK-01 Spot 185	120.1649	247290.5	2.60343	16.88391	0.880575	0.755847	1.503477	0.092597	1.218619	0.810534	570.8753	6.657654	571.6115	6.571736	574.5603	19.12717	570.8753	6.657654	99.35864
-070418BK-01 Spot 62	210.991	66251.11	1.051463	16.59652	0.650297	0.785012	1.265448	0.094533	1.085574	0.857858	582.2877	6.044084	588.3387	5.650851	611.733	14.05157	582.2877	6.044084	95.18658
-070418BK-01 Spot 287	97.64823	46133.24	2.0943	16.32273	0.975873	0.861239	1.452161	0.102001	1.07538	0.740538	626.1244	6.416565	630.7988	6.822955	647.6104	20.97679	626.1244	6.416565	96.68226
-070418BK-01 Spot 49	118.8348	65501.94	2.698593	16.20969	0.732281	0.924613	1.277534	0.108748	1.046832	0.819416	665.474	6.618884	664.7964	6.231957	662.4793	15.6698	665.474	6.618884	100.4521
-070418BK-01 Spot 300	149.2366	142467	2.98815	15.70964	0.80094	0.956468	1.264358	0.109025	0.978313	0.773763	667.0804	6.199825	681.4648	6.276293	729.2907	16.95536	667.0804	6.199825	91.46975
-070418BK-01 Spot 74	189.6693	60000.59	2.783951	15.94083	0.729707	0.976661	1.112815	0.112965	0.84017	0.754995	689.9422	5.497263	691.8913	5.583018	698.2327	15.54345	689.9422	5.497263	98.81265
-070418BK-01 Spot 251	30.79018	13786.41	3.859036	14.2921	1.00332	1.502332	1.334308	0.155794	0.879618	0.659231	933.3583	7.643313	931.3328	8.134225	926.5211	20.62623	926.5211	20.62623	100.7379
-070418BK-01 Spot 132	48.04237	39024.13	2.047131	13.83882	0.726081	1.695708	1.245248	0.17027	1.011657	0.812414	1013.598	9.488635	1006.916	7.953768	992.4192	14.76267	992.4192	14.76267	102.1341
-070418BK-01 Spot 86	33.33243	692918.3	1.752351	13.77065	1.169452	1.577083	1.593011	0.157578	1.081696	0.679026	943.3058	9.492273	961.2207	9.89894	1002.414	23.74167	1002.414	23.74167	94.10337
-070418BK-01 Spot 157	134.347	92350.54	3.37771	13.68391	0.66629	1.713788	1.007491	0.170159	0.755709	0.75009	1012.988	7.084074	1013.703	6.46038	1015.231	13.49998	1015.231	13.49998	99.77905
-070418BK-01 Spot 311	138.3069	124679.3	4.910225	13.5988	0.566736	1.738296	0.923299	0.171519	0.728897	0.789449	1020.475	6.879352	1022.832	5.951419	1027.859	11.46103	1027.859	11.46103	99.28158
-070418BK-01 Spot 114	180.6128	75032.74	0.691772	13.57476	0.699762	1.75263	1.221263	0.172628	1.000908	0.819568	1026.572	9.498668	1028.133	7.895694	1031.437	14.16278	1031.437	14.16278	99.52827
-070418BK-01 Spot 172	46.47787	44890.96	2.429571	13.53233	0.811719	1.76968	1.185628	0.173762	0.864191	0.728889	1032.806	8.247134	1034.403	7.692221	1037.761	16.40902	1037.761	16.40902	99.52251
-070418BK-01 Spot 81	110.4204	79398.43	6.19659	13.43744	0.775451	1.733078	1.157272	0.168975	0.859042	0.742299	1006.461	8.004793	1020.895	7.451422	1051.992	15.64373	1051.992	15.64373	95.67196
-070418BK-01 Spot 256	48.72068	63091.31	2.013312	13.3964	0.783091	1.845051	1.297385	0.179343	1.034396	0.797293	1063.384	10.14027	1061.665	8.54333	1058.153	15.78402	1058.153	15.78402	100.4944
-070418BK-01 Spot 293	95.66133	297601.3	1.149817	13.29284	0.885797	1.880346	1.189243	0.181361	0.793513	0.667242	1074.404	7.852957	1074.184	7.883198	1073.756	17.79069	1073.756	17.79069	100.0604
-070418BK-01 Spot 174	121.3104	2554922	3.22802	13.2313	0.706513	1.890936	0.965313	0.181538	0.657775	0.681411	1075.371	6.515019	1077.911	6.411245	1083.047	14.15159	1083.047	14.15159	99.29121
-070418BK-01 Spot 261	232.8722	58787.51	2.914836	13.17816	0.611471	1.862166	1.087728	0.178058	0.899587	0.827033	1056.355	8.76508	1067.755	7.185899	1091.136	12.23719	1091.136	12.23719	96.81242
-070418BK-01 Spot 266	60.2249	139177.4	2.084665	13.05828	0.95192	1.958914	1.34775	0.185605	0.954086	0.70791	1097.522	9.628426	1101.51	9.060121	1109.379	19.01747	1109.379	19.01747	98.93121
-070418BK-01 Spot 123	91.4697	101505.3	6.045343	13.0088	0.73257	1.947811	1.118882	0.183853	0.845718	0.75586	1087.992	8.466775	1097.693	7.507053	1116.996	14.60639	1116.996	14.60639	97.40339
-070418BK-01 Spot 143	192.5316	151021	2.988204	12.88759	0.593004	2.075093	1.142732	0.194043	0.976822	0.854813	1143.237	10.2332	1140.615	7.830005	1135.651	11.80352	1135.651	11.80352	100.668
-070418BK-01 Spot 273	107.0808	63445.05	0.967797	12.7997	0.755358	2.072137	1.153794	0.192445	0.872166	0.755912	1134.605	9.073723	1139.639	7.902141	1149.219	14.98278	1149.219	14.98278	98.72837
-070418BK-01 Spot 0	70.78312	107039.5	3.503601	12.79889	0.939847	2.117574	1.208846	0.196652	0.760261	0.628914	1157.311	8.054005	1154.547	8.337437	1149.343	18.68439	1149.343	18.68439	100.6933
-070418BK-01 Spot 88	222.0163	118979.5	3.037044	12.70846	0.573696	2.156304	1.13585	0.198834	0.980321	0.863072	1169.054	10.48138	1167.083	7.879359	1163.41	11.38797	1163.41	11.38797	100.4851
-070418BK-01 Spot 87	141.3644	157795.1	85.49347	12.66136	0.739839	2.214448	1.111206	0.203439	0.829106	0.746132	1193.766	9.03521	1185.618	7.773059	1170.802	14.66589	1170.802	14.66589	101.9614
-070418BK-01 Spot 173	225.4025	1347575	2.206556	12.63967	0.599508	2.189929	1.317536	0.200842	1.173239	0.89048	1179.84	12.6495	1177.843	9.18445	1174.195	11.88148	1174.195	11.88148	100.4807
-070418BK-01 Spot 213	146.8059	142493.9	2.9171	12.63775	0.59828	2.126995	1.020398	0.19504	0.826602	0.810079	1148.621	8.696746	1157.61	7.04767	1174.496	11.85748	1174.496	11.85748	97.79697
-070418BK-01 Spot 211	101.2265	44430.11	3.256956	12.23791	0.637547	2.420314	1.105317	0.214915	0.902918	0.816886	1254.95	10.29645	1248.649	7.94203	1237.797	12.50044	1237.797	12.50044	101.3857
-070418BK-01 Spot 234	410.6865	639804.5	2.952807	12.13326	0.454226	2.456465	1.186413	0.21626	1.096018	0.923808	1262.082	12.56278	1259.325	8.561594	1254.637	8.869974	1254.637	8.869974	100.5934
-070418BK-01 Spot 281	440.4193	1915221	33.03475	12.00212	0.652213	2.388275	1.23436	0.207984	1.04798	0.849007	1218.068	11.63163	1239.093	8.834629	1275.823	12.71778	1275.823	12.71778	95.47317
-070418BK-01 Spot 14	148.4601	117177.8	2.898282	11.76174	0.692768	2.574212	1.210089	0.219687	0.992164	0.81991	1280.219	11.52013	1293.339	8.849574	1315.168	13.43421	1315.168	13.43421	97.34263
-070418BK-01 Spot 83	103.2938	76807.41	2.263707	11.69214	0.610625	2.523585	1.09093	0.214092	0.904027	0.828676	1250.58	10.27657	1278.853	7.933572	1326.666	11.82106	1326.666	11.82106	94.26481
-070418BK-01 Spot 116	59.65062	78741.31	1.626117	11.49388	0.675477	2.851085	1.065154	0.237774	0.82358	0.773203	1375.115	10.19877	1369.097	8.007159	1359.699	13.01806	1359.699	13.01806	101.1337
-070418BK-01 Spot 77	232.2964	147861.6	4.226537	11.4221	0.649921	2.836349	0.972186	0.235068	0.723014	0.743699	1361.005	8.870895	1365.204	7.298412	1371.765	12.505	1371.765	12.505	99.21561
-070418BK-01 Spot 225	35.36973	115417.8	3.888221	11.33959	0.75155	2.902351	1.1514	0.2388	0.872293	0.757593	1380.458	10.83964	1382.524	8.695419	1385.699	14.43134	1385.699	14.43134	99.62179
-070418BK-01 Spot 232	152.6465	90049.61	3.567047	11.33161	0.518321	2.852735	1.085409	0.234553	0.953654	0.878612	1358.316	11.67994	1369.532	8.160655	1387.051	9.950953	1387.051	9.950953	97.92833
-070418BK-01 Spot 179	104.7746	64618.4	1.24441	11.11939	0.676051	3.030938	1.058146	0.244538	0.81402	0.769289	1410.244	10.31078	1415.443	8.078965	1423.257	12.91539	1423.257	12.91539	99.08574
-070418BK-01 Spot 19	281.6317	109680.9	2.997326	11.10276	0.529754	3.108286	1.275291	0.250403	1.160055	0.909639	1440.555	14.97571	1434.742	9.797448	1426.115	10.11655	1426.115	10.11655	101.0125
-070418BK-01 Spot 32	104.0737	86792.75	2.875564	11.07511	0.578436	2.996714	1.269586	0.240814	1.130159	0.890179	1390.925	14.13946	1406.785	9.66601	1430.876	11.03911	1430.876	11.03911	97.20793
-070418BK-01 Spot 289	54.69228	32672.84	1.634543	10.99564	0.620802	2.967865	1.152255	0.236784	0.97072	0.842452	1369.957	11.9804	1399.43	8.751382	1444.606	11.82567	1444.606	11.82567	94.83252
-070418BK-01 Spot 118	109.8825	394217.6	3.068933	10.79702	0.530953	3.351312	1.035539	0.262547	0.889061	0.858549	1502.857	11.91816	1493.098	8.098417	1479.25	10.06709	1479.25	10.06709	101.5959
-070418BK-01 Spot 282	135.5494	105446.6	1.914675	10.68569	0.528988	3.410742	0.94363	0.264447	0.781415	0.828095	1512.555	10.53511	1506.872	7.409292	1498.875	10.00354	1498.875	10.00354	100.9127
-070418BK-01 Spot 98	241.0046	48859.09	6.29668	10.58203	0.827677	1.25939	1.5963	0.096698	1.364964	0.85508	595.0281	7.758351	827.6335	9.034933	1517.287	15.61228	1517.287	15.61228	39.21659
-070418BK-01 Spot 154	29.22233	14181.32	1.08892	10.43473	0.762257	3.554402	1.145774	0.269113	0.855431	0.746597	1536.3	11.69335	1539.416	9.079786	1543.681	14.32958	1543.681	14.32958	99.52184
-070418BK-01 Spot 104	16.395	87414.84	1.535253	10.19288	1.15458	3.498261	1.423439	0.258724	0.832541	0.58488	1483.311	11.0314	1526.822	11.24072	1587.633	21.57895	1587.633	21.57895	93.42911
-070418BK-01 Spot 130	87.70542	62459.07	2.099065	10.02313	0.479019	3.873728	0.864759	0.281722	0.719965	0.832561	1600.027	10.20132	1608.224	6.979107	1618.96	8.915248	1618.96	8.915248	98.83054
-070418BK-01 Spot 196	91.2273	82634.78	4.841505	10.00828	0.647235	4.008468	0.949226	0.291089	0.694347	0.731487	1646.968	10.0917	1635.914	7.714036	1621.715	12.04237	1621.715	12.04237	101.5571
-070418BK-01 Spot 18	177.0826	113393.8	3.068995	9.966144	0.615068	3.940851	1.218965	0.284974	1.052411	0.863364	1616.363	15.04578	1622.113	9.872409	1629.562	11.43221	1629.562	11.43221	99.19004
-070418BK-01 Spot 31	148.4565	120668.7	1.452282	9.880226	0.637705	4.036531	1.036226	0.289376	0.816759	0.788206	1638.412	11.81669	1641.588	8.432784	1645.641	11.8302	1645.641	11.8302	99.56072
-070418BK-01 Spot 237	186.6522	187367.5	1.220451	9.8414	0.604161	4.081536	1.056895	0.291453	0.867189	0.820506	1648.785	12.61601	1650.621	8.619869	1652.942	11.19569	1652.942	11.19569	99.74856
-070418BK-01 Spot 207	414.6603	433268	3.96501	9.815043	0.664823	4.063604	1.329356	0.289395	1.151172	0.865962	1638.506	16.65577	1647.031	10.83276	1657.91	12.31222	1657.91	12.31222	98.8296
-070418BK-01 Spot 68	57.82189	103234.8	1.951269	9.812136	0.662803	4.048994	1.2209	0.288269	1.025325	0.83981	1632.875	14.79013	1644.097	9.94183	1658.459	12.27394	1658.459	12.27394	98.45737
-070418BK-01 Spot 12	200.9295	785061	1.338773	9.779238	0.6314	4.12045	1.063897	0.292373	0.856278	0.80485	1653.377	12.48771	1658.367	8.693142	1664.673	11.68307	1664.673	11.68307	99.32145
-070418BK-01 Spot 223	181.93	286260.4	5.821763	9.488274	0.71052	4.648139	1.292214	0.320003	1.079342	0.835266	1789.744	16.86775	1757.959	10.79827	1720.369	13.05662	1720.369	13.05662	104.0325
-070418BK-01 Spot 121	283.9999	190992.9	3.906352	9.402534	0.834413	3.536434	1.49674	0.241267	1.242572	0.830186	1393.282	15.56947	1535.403	11.84805	1737.032	15.29958	1737.032	15.29958	80.21046
-070418BK-01 Spot 170	96.62224	85270.89	1.995979	9.270378	0.622431	4.619847	1.146175	0.310751	0.962443	0.8397	1744.402	14.70911	1752.86	9.567462	1762.944	11.3772	1762.944	11.3772	98.94826
-070418BK-01 Spot 63	83.02196	53479.1	2.709433	9.257365	0.571465	4.690303	1.025594	0.315047	0.851629	0.830376	1765.497	13.15236	1765.511	8.583833	1765.511	10.44224	1765.511	10.44224	99.99922
-070418BK-01 Spot 276	303.0143	198773.9	2.39779	9.225973	0.612464	4.711533	1.209535	0.3154	1.043006	0.86232	1767.227	16.12168	1769.292	10.13146	1771.716	11.181	1771.716	11.181	99.74665
-070418BK-01 Spot 221	227.1703	147996.1	1.221221	9.21663	0.778576	4.286579	1.307841	0.286662	1.050841	0.803493	1624.829	15.09253	1690.787	10.76805	1773.565	14.21086	1773.565	14.21086	91.61371
-070418BK-01 Spot 275	159.5562	165441.1	3.433272	9.19712	0.55145	4.770862	1.09554	0.318373	0.946632	0.864078	1781.779	14.73663	1779.785	9.19658	1777.433	10.05984	1777.433	10.05984	100.2446
-070418BK-01 Spot 58	195.12	240174.9	3.887377	9.188416	0.612604	4.774532	1.238375	0.318317	1.076238	0.869073	1781.502	16.75202	1780.431	10.39708	1779.16	11.17329	1779.16	11.17329	100.1317
-070418BK-01 Spot 167	53.08178	141348.8	2.446355	9.165526	0.606857	4.847762	1.209175	0.322394	1.045863	0.864939	1801.408	16.4369	1793.226	10.17854	1783.705	11.06225	1783.705	11.06225	100.9925
-070418BK-01 Spot 147	229.5498	417163.7	1.441124	9.127407	0.531628	4.331329	1.222227	0.286851	1.10055	0.900447	1625.774	15.81455	1699.346	10.08281	1791.3	9.683449	1791.3	9.683449	90.75944
-070418BK-01 Spot 117	13.01983	40641.43	1.071746	9.117668	0.689882	4.970959	1.117526	0.328861	0.879163	0.786705	1832.856	14.02558	1814.396	9.447051	1793.244	12.56304	1793.244	12.56304	102.209
-070418BK-01 Spot 33	292.8922	165755.7	1.190739	9.113138	0.594352	4.76086	1.080996	0.314805	0.902938	0.835284	1764.307	13.93659	1778.024	9.071174	1794.149	10.82217	1794.149	10.82217	98.33668
-070418BK-01 Spot 119	272.1059	472275.6	3.800429	9.110559	0.53909	4.93668	0.976416	0.326338	0.814107	0.833771	1820.608	12.9126	1808.55	8.244524	1794.664	9.815289	1794.664	9.815289	101.4456
-070418BK-01 Spot 149	37.3972	118636	0.922771	9.038405	0.702848	5.073789	1.235216	0.332745	1.015757	0.822332	1851.674	16.34835	1831.733	10.47758	1809.128	12.77232	1809.128	12.77232	102.3517
-070418BK-01 Spot 214	137.4366	204137.3	2.642633	9.031064	0.649033	5.003878	1.095709	0.327894	0.882799	0.805688	1828.166	14.05242	1819.978	9.272828	1810.605	11.79208	1810.605	11.79208	100.9699
-070418BK-01 Spot 280	111.9527	123341.6	1.645531	8.954388	0.548058	5.016434	1.096865	0.325926	0.950129	0.866222	1818.604	15.0557	1822.1	9.286478	1826.081	9.938426	1826.081	9.938426	99.59057
-070418BK-01 Spot 29	312.9705	217864	2.685611	8.912863	0.385071	4.948187	1.020557	0.320001	0.945122	0.926085	1789.733	14.77011	1810.516	8.620629	1834.507	6.976932	1834.507	6.976932	97.55936
-070418BK-01 Spot 298	95.73916	74741.64	6.769345	8.910825	0.540624	5.141816	1.085037	0.332447	0.940761	0.867031	1850.23	15.1311	1843.042	9.223721	1834.921	9.794865	1834.921	9.794865	100.8343
-070418BK-01 Spot 230	94.64632	85636.65	2.027138	8.89126	0.533689	5.155531	1.076588	0.332602	0.934996	0.868481	1850.98	15.04364	1845.308	9.155857	1838.902	9.664518	1838.902	9.664518	100.6568
-070418BK-01 Spot 181	120.4655	87752.04	4.069904	8.877497	0.703189	5.136094	1.292239	0.330835	1.084162	0.838979	1842.427	17.37402	1842.096	10.98324	1841.707	12.7278	1841.707	12.7278	100.0391
-070418BK-01 Spot 96	58.27008	657780	1.16504	8.861095	0.811596	5.078438	1.277943	0.326517	0.987142	0.772446	1821.476	15.66358	1832.51	10.84166	1845.054	14.6844	1845.054	14.6844	98.72208
-070418BK-01 Spot 103	74.27148	119790.8	1.815513	8.84404	0.487274	5.272767	1.072984	0.338358	0.955959	0.890935	1878.768	15.57984	1864.464	9.158288	1848.54	8.811767	1848.54	8.811767	101.6352
-070418BK-01 Spot 312	34.39385	47383.81	0.787705	8.817978	0.748955	4.962283	1.40411	0.317496	1.187684	0.845862	1777.489	18.45054	1812.919	11.86642	1853.876	13.53638	1853.876	13.53638	95.87961
-070418BK-01 Spot 95	106.5822	2009674	2.999706	8.806164	0.661135	5.143477	1.036814	0.328648	0.798676	0.770318	1831.826	12.73534	1843.317	8.814226	1856.295	11.9454	1856.295	11.9454	98.68185
-070418BK-01 Spot 151	150.5143	122056.1	2.691285	8.795495	0.608876	5.245328	0.93672	0.33475	0.711839	0.759927	1861.364	11.50856	1860.013	7.988517	1858.486	10.99812	1858.486	10.99812	100.1549
-070418BK-01 Spot 303	127.9307	132256.3	3.04476	8.794125	0.621645	5.259344	1.177556	0.335592	1.000098	0.8493	1865.43	16.19943	1862.289	10.04682	1858.767	11.22842	1858.767	11.22842	100.3585
-070418BK-01 Spot 26	179.0402	99441.24	4.722296	8.787329	0.588689	5.152377	1.06424	0.328513	0.886595	0.833079	1831.169	14.13289	1844.787	9.049936	1860.163	10.63126	1860.163	10.63126	98.4413
-070418BK-01 Spot 16	86.87306	63000.74	1.132682	8.776204	0.618046	5.244392	1.125713	0.333956	0.940877	0.835805	1857.529	15.18448	1859.861	9.600098	1862.451	11.15846	1862.451	11.15846	99.7357
-070418BK-01 Spot 54	107.1148	163068.9	1.923127	8.763715	0.548092	5.321456	1.060217	0.338381	0.907555	0.856009	1878.878	14.79172	1872.315	9.062536	1865.022	9.894088	1865.022	9.894088	100.7429
-070418BK-01 Spot 65	149.5085	94691.04	3.535581	8.728536	0.533639	5.140925	0.919289	0.32559	0.748546	0.814266	1816.969	11.85219	1842.895	7.814444	1872.28	9.624733	1872.28	9.624733	97.04579
-070418BK-01 Spot 200	106.963	285695.7	1.702457	8.713798	0.477826	5.114987	0.90966	0.3234	0.774056	0.850929	1806.311	12.19383	1838.597	7.726207	1875.327	8.6149	1875.327	8.6149	96.31978
-070418BK-01 Spot 8	53.0969	788410.2	1.603392	8.698877	0.649176	5.351093	1.185435	0.337749	0.99188	0.836723	1875.829	16.14348	1877.064	10.14182	1878.417	11.69992	1878.417	11.69992	99.86225
-070418BK-01 Spot 97	130.0049	118797.7	1.893969	8.666653	0.51307	5.485095	1.080627	0.344924	0.951059	0.880099	1910.314	15.7236	1898.265	9.280802	1885.103	9.237531	1885.103	9.237531	101.3374
-070418BK-01 Spot 264	266.8499	538129.2	5.559832	8.653727	0.617881	5.343548	1.22437	0.335522	1.057026	0.863323	1865.09	17.11886	1875.858	10.47262	1887.79	11.12147	1887.79	11.12147	98.79752
-070418BK-01 Spot 272	12.57143	10532.47	1.253106	8.650216	1.083991	5.434687	1.431456	0.341106	0.934895	0.653108	1891.988	15.3288	1890.342	12.27654	1888.52	19.51133	1888.52	19.51133	100.1836
-070418BK-01 Spot 5	26.83238	70524.65	0.825259	8.647919	0.734142	5.458038	1.345364	0.342481	1.127405	0.837992	1898.592	18.54074	1894.02	11.54581	1888.999	13.2126	1888.999	13.2126	100.5079
-070418BK-01 Spot 140	40.46223	109353.3	1.526915	8.633605	0.735876	5.515336	1.167681	0.345503	0.906622	0.77643	1913.089	15.00765	1902.989	10.03698	1891.976	13.23911	1891.976	13.23911	101.1159
-070418BK-01 Spot 198	271.3456	203127.4	1.906739	8.554481	0.473656	4.905588	1.129255	0.30449	1.025118	0.907783	1713.533	15.42498	1803.218	9.524946	1908.526	8.505881	1908.526	8.505881	89.78309
-070418BK-01 Spot 231	120.4928	1891520	2.39043	8.483806	0.652081	5.663874	1.08394	0.348652	0.865862	0.79881	1928.158	14.42978	1925.878	9.354794	1923.411	11.6874	1923.411	11.6874	100.2468
-070418BK-01 Spot 228	146.4313	111267	3.441089	8.232136	0.566564	6.211868	1.324209	0.371042	1.196885	0.903849	2034.299	20.88066	2006.121	11.5819	1977.214	10.09236	1977.214	10.09236	102.8872
-070418BK-01 Spot 64	1278.119	35593.87	2.470952	8.203919	0.713345	1.827505	2.807811	0.108785	2.715684	0.967189	665.6858	17.17588	1055.384	18.42895	1983.328	12.69796	1983.328	12.69796	33.56409

-070418BK-01 Spot 51	28.80161	21885.15	2.169039	8.183557	0.652808	6.031219	1.363143	0.358125	1.196662	0.87787	1973.281	20.34166	1980.363	11.87314	1987.75	11.61432	1987.75	11.61432	99.27211
-070418BK-01 Spot 111	635.3055	1203920	2.239004	8.1535	0.669864	4.853968	1.133381	0.287163	0.914241	0.806649	1627.337	13.14845	1794.303	9.542568	1994.294	11.90665	1994.294	11.90665	81.59966
-070418BK-01 Spot 101	212.9441	107906.3	2.963887	8.149335	0.475388	5.995171	0.886131	0.354496	0.74782	0.843915	1956.032	12.6168	1975.144	7.711511	1995.202	8.448343	1995.202	8.448343	98.03679
-070418BK-01 Spot 120	178.4025	301731.1	2.63609	8.129981	0.540542	5.85105	1.705473	0.345153	1.617545	0.948444	1911.41	26.75572	1954.005	14.79047	1999.428	9.601859	1999.428	9.601859	95.59785
-070418BK-01 Spot 284	125.2391	936037.4	1.513557	8.110906	0.530541	6.126787	1.087117	0.36057	0.948868	0.872829	1984.876	16.2104	1994.071	9.48982	2003.596	9.419638	2003.596	9.419638	99.06567
-070418BK-01 Spot 159	186.4927	60317.02	4.735557	8.10931	0.568557	6.211969	1.123871	0.365511	0.969448	0.862597	2008.245	16.72821	2006.135	9.829593	2003.946	10.09435	2003.946	10.09435	100.2145
-070418BK-01 Spot 189	90.13734	315182.3	2.575557	8.09356	0.50471	6.235026	1.020564	0.366156	0.887028	0.869155	2011.285	15.32574	2009.376	8.930574	2007.397	8.956989	2007.397	8.956989	100.1937
-070418BK-01 Spot 158	74.36769	229752.2	1.073518	8.074221	0.568926	6.195079	0.943882	0.36294	0.753151	0.797929	1996.096	12.92883	2003.754	8.252174	2011.643	10.09402	2011.643	10.09402	99.22716
-070418BK-01 Spot 285	209.0172	3795398	1.647397	7.990264	0.622352	5.31083	1.535319	0.307901	1.403525	0.914158	1730.37	21.29984	1870.607	13.11984	2030.168	11.01619	2030.168	11.01619	85.23285
-070418BK-01 Spot 257	341.4235	20566.56	4.081603	7.902569	0.896863	5.534065	1.706532	0.317322	1.451857	0.850764	1776.638	22.5451	1905.904	14.67694	2049.68	15.84101	2049.68	15.84101	86.6788
-070418BK-01 Spot 17	129.0713	253755.7	5.321989	7.893559	0.510822	6.598363	0.994262	0.377917	0.853005	0.857928	2066.548	15.08149	2059.129	8.767135	2051.695	9.021506	2051.695	9.021506	100.7239
-070418BK-01 Spot 133	42.28491	352934.4	2.734865	7.839407	0.607854	6.772962	1.389513	0.385256	1.249504	0.899239	2100.79	22.4015	2082.197	12.29436	2063.844	10.71808	2063.844	10.71808	101.7902
-070418BK-01 Spot 271	165.9026	195763.3	4.691674	7.83075	0.539032	6.695632	1.079892	0.380437	0.935741	0.866514	2078.324	16.6242	2072.044	9.540481	2065.792	9.502183	2065.792	9.502183	100.6066
-070418BK-01 Spot 305	73.11206	148698.2	2.031632	7.826319	0.518726	6.629815	0.9821	0.376484	0.833933	0.849132	2059.839	14.70367	2063.323	8.665303	2066.79	9.143101	2066.79	9.143101	99.66368
-070418BK-01 Spot 239	144.2992	385195.9	2.771868	7.793502	0.527312	6.696017	1.193198	0.378649	1.070357	0.897049	2069.97	18.95096	2072.095	10.54165	2074.191	9.286728	2074.191	9.286728	99.7965
-070418BK-01 Spot 110	172.0493	898722.6	2.584202	7.78351	0.556122	6.606181	0.961758	0.37309	0.78467	0.81587	2043.924	13.74424	2060.173	8.481834	2076.451	9.791753	2076.451	9.791753	98.43356
-070418BK-01 Spot 148	54.62632	263739.5	1.299722	7.660214	0.466406	6.684601	1.079502	0.371539	0.973545	0.901847	2036.637	17.00088	2070.588	9.534993	2104.526	8.185626	2104.526	8.185626	96.77413
-070418BK-01 Spot 89	210.1789	459948.6	3.225798	7.505162	0.543846	7.115106	1.216003	0.387462	1.087609	0.894414	2111.047	19.57945	2125.935	10.826	2140.348	9.506919	2140.348	9.506919	98.63102
-070418BK-01 Spot 187	49.84261	39135.45	2.798456	7.379155	0.600691	7.47034	0.980366	0.399977	0.774782	0.790299	2168.933	14.26961	2169.438	8.77947	2169.901	10.46893	2169.901	10.46893	99.95537
-070418BK-01 Spot 40	275.1741	18751184	3.527195	6.786275	0.485143	8.704078	1.303526	0.42859	1.209882	0.928161	2299.358	23.39902	2307.505	11.87238	2314.708	8.324235	2314.708	8.324235	99.33683
-070418BK-01 Spot 23	141.3669	182543.4	3.338457	6.782884	0.525711	8.633022	1.06437	0.424879	0.92548	0.869509	2282.59	17.78989	2300.043	9.685815	2315.566	9.019492	2315.566	9.019492	98.57588
-070418BK-01 Spot 216	241.8708	221359.2	2.773448	6.607519	0.494794	9.208635	1.133918	0.441491	1.020269	0.899773	2357.31	20.14391	2358.972	10.38614	2360.395	8.449264	2360.395	8.449264	99.86929
-070418BK-01 Spot 258	89.57331	180997.8	2.316041	6.449535	0.580017	9.600732	0.917694	0.449284	0.711156	0.774938	2392.067	14.21186	2397.241	8.439299	2401.626	9.862472	2401.626	9.862472	99.60195
-070418BK-01 Spot 176	199.7997	226953.5	2.353349	6.02659	0.607406	11.06288	1.048055	0.483757	0.854094	0.814932	2543.611	17.95104	2528.439	9.759877	2516.269	10.20661	2516.269	10.20661	101.0866
-070418BK-01 Spot 131	69.83271	411582.2	2.0887	5.908626	0.576781	11.13801	1.085843	0.47751	0.919988	0.847257	2516.409	19.16697	2534.744	10.11746	2549.441	9.659958	2549.441	9.659958	98.70434
-070418BK-01 Spot 218	232.7182	109977.9	2.677495	5.83261	0.52116	8.91752	1.262737	0.377394	1.150172	0.910857	2064.098	20.31511	2329.596	11.52929	2571.105	8.712727	2571.105	8.712727	80.28056
-070418BK-01 Spot 82	98.5486	290879.5	2.495251	5.829124	0.550218	11.34093	0.97438	0.479667	0.804162	0.825306	2525.814	16.80501	2551.578	9.092238	2572.105	9.197612	2572.105	9.197612	98.20029
-070418BK-01 Spot 166	209.7149	1155990	2.099305	5.796165	0.587541	11.54588	1.230226	0.485574	1.080857	0.878584	2551.499	22.77453	2568.302	11.49633	2581.579	9.812356	2581.579	9.812356	98.83484
-070418BK-01 Spot 7	195.19	567245.1	6.158913	5.741706	0.569916	11.4588	1.279961	0.477384	1.146078	0.895401	2515.861	23.8731	2561.23	11.9539	2597.326	9.500513	2597.326	9.500513	96.86349
-070418BK-01 Spot 90	166.86	956358	2.782603	5.717479	0.771885	9.257756	1.196006	0.384059	0.913578	0.763857	2095.217	16.34211	2363.846	10.96058	2604.375	12.85986	2604.375	12.85986	80.4499
-070418BK-01 Spot 201	160.9112	403759.5	3.68981	5.597508	0.536083	11.76018	1.141755	0.477635	1.008077	0.882919	2516.958	21.00597	2585.5	10.68504	2639.653	8.899938	2639.653	8.899938	95.35184
-070418BK-01 Spot 124	55.07278	103548.6	3.163716	5.536714	0.619422	12.26932	1.315618	0.492902	1.160675	0.882228	2583.219	24.7036	2625.227	12.35245	2657.768	10.26966	2657.768	10.26966	97.19505
-070418BK-01 Spot 3	102.5229	213639.8	2.35897	5.533703	0.567315	12.78829	0.998639	0.513471	0.821848	0.822968	2671.431	17.97432	2664.182	9.404871	2658.669	9.404929	2658.669	9.404929	100.48
-070418BK-01 Spot 193	120.8218	90591.44	1.585691	5.501706	0.622907	12.56532	1.013573	0.501601	0.799574	0.788866	2620.675	17.21797	2647.628	9.53326	2668.278	10.31703	2668.278	10.31703	98.21595
-070418BK-01 Spot 161	78.61048	157949.9	1.585021	5.448971	0.563697	12.87611	1.162816	0.509081	1.017048	0.874642	2652.706	22.11749	2670.629	10.95657	2684.218	9.318996	2684.218	9.318996	98.82599
-070418BK-01 Spot 233	89.92429	8019967	1.224342	5.444652	0.582117	13.30709	1.021508	0.525704	0.839416	0.821742	2723.325	18.64522	2701.686	9.647543	2685.53	9.622477	2685.53	9.622477	101.4074
-070418BK-01 Spot 142	83.63186	186958.9	0.633224	5.409333	0.549809	12.85321	1.148699	0.504479	1.008574	0.878014	2633.016	21.8014	2668.951	10.82216	2696.279	9.079268	2696.279	9.079268	97.65367
-070418BK-01 Spot 220	95.58409	3318396	9.625194	5.402071	0.587926	12.58986	0.973463	0.493479	0.77587	0.79702	2585.712	16.52638	2649.463	9.157294	2698.498	9.71025	2698.498	9.71025	95.8204
-070418BK-01 Spot 199	143.8943	92459.48	1.755225	5.349306	0.77893	12.45112	2.599814	0.483274	2.480383	0.954062	2541.512	52.09772	2639.044	24.44027	2714.697	12.84523	2714.697	12.84523	93.62047
-070418BK-01 Spot 243	53.86779	188733.2	2.126919	5.325442	0.523656	12.25757	0.980583	0.473639	0.829052	0.845468	2499.501	17.1774	2624.327	9.205908	2722.068	8.62946	2722.068	8.62946	91.82361
-070418BK-01 Spot 15	147.604	233192.1	1.395383	5.278588	0.589176	13.45041	1.296519	0.515159	1.154917	0.890783	2678.615	25.31361	2711.807	12.25421	2736.614	9.692901	2736.614	9.692901	97.88063
-070418BK-01 Spot 235	59.53506	104270.8	1.470915	5.197565	0.656715	14.56735	1.053468	0.549374	0.823723	0.781916	2822.57	18.82837	2787.405	10.00993	2762.041	10.78247	2762.041	10.78247	102.1915
-070418BK-01 Spot 55	99.68409	191052.4	2.383429	5.139544	0.716256	14.39447	1.175446	0.536794	0.932014	0.792903	2770.015	20.98622	2776.065	11.16043	2780.457	11.7368	2780.457	11.7368	99.62447
-070418BK-01 Spot 274	36.17664	60223.81	0.744344	5.042955	0.6289	14.78001	0.98911	0.540814	0.763429	0.771834	2786.853	17.27369	2801.182	9.407068	2811.503	10.27939	2811.503	10.27939	99.12323
-070418BK-01 Spot 250	80.35394	102822.2	2.420437	4.685345	0.639892	16.52082	1.052894	0.561644	0.836137	0.794132	2873.418	19.38545	2907.438	10.08106	2931.07	10.34492	2931.07	10.34492	98.03308
-070418BK-01 Spot 37	57.69135	950830.5	1.686683	4.548295	0.555714	18.12827	1.183495	0.598264	1.044913	0.882904	3022.84	25.21418	2996.565	11.38926	2978.975	8.946093	2978.975	8.946093	101.4725

Member: Cabin Creek
Sample: 070819BK-02

				Isotope ratios						Apparent ages (Ma)								
Analysis	U (ppm)	206Pb 204Pb	U/Th	206Pb* 207Pb*	± (%)	207Pb* 235U	± (%)	206Pb* 238U	± (%)	error corr.	206Pb* 238U	± (Ma)	207Pb* 235U	± (Ma)	206Pb* 207Pb*	± (Ma)	Best age (Ma)	± (Ma)	Conc (%)
071819BK-02 1	839.223	2968.18	2.87212	17.3322	2.698648	0.203904	3.256185	0.028124	0.884375	0.271599	178.7964	1.559504	188.4241	5.599856	311.8406	71.32864	178.7964	1.559504	57.33583
071819BK-02 2	527.0807	7278.064	2.415242	17.0432	5.345917	0.250561	5.621379	0.032174	0.746091	0.132724	204.1418	1.499221	227.0319	11.43668	472.3122	123.3628	204.1418	1.499221	43.22179
071819BK-02 3	215.2234	5792.593	2.043276	15.3863	5.845956	0.50125	7.124961	0.05832	0.875286	0.122848	365.403	3.109365	412.5483	24.15994	686.5739	151.1019	365.403	3.109365	53.22122
071819BK-02 4	985.5528	11413.5	2.973974	18.9201	2.5856	0.219631	3.477524	0.03097	0.773244	0.222355	196.6175	1.497381	201.6027	6.358741	261.3051	77.90442	196.6175	1.497381	75.24442
071819BK-02 5	182.4263	1773.792	1.626774	13.8846	13.10956	0.23054	15.21254	0.026244	2.359311	0.15509	166.9958	3.889355	210.6441	28.94671	733.0189	320.0015	166.9958	3.889355	22.78192
071819BK-02 6	772.4976	8190.586	1.922453	18.92463	3.214517	0.203129	3.389852	0.028935	0.836395	0.246735	183.8787	1.516224	187.7705	5.811329	238.0099	75.79263	183.8787	1.516224	77.25672
071819BK-02 7	128.1287	393.0001	3.142923	8.939508	20.38364	0.131108	40.96325	0.012605	5.425363	0.132445	80.75101	4.353711	125.0927	48.24759	1081.01	850.1027	80.75101	4.353711	7.469961
071819BK-02 8	223.2677	908.512	2.365473	9.343098	12.7903	0.185058	15.11614	0.014674	2.903885	0.192105	93.90894	2.707241	172.4038	23.97288	1457.095	283.6475	93.90894	2.707241	6.444942
071819BK-02 9	645.8232	3619.466	2.996306	16.72362	4.145351	0.120658	7.563967	0.015732	1.185686	0.156755	100.6287	1.183876	115.6686	8.269379	438.3167	166.474	100.6287	1.183876	22.95799
071819BK-02 10	709.937	4550.874	2.504421	18.25285	4.462314	0.141946	6.977854	0.020016	0.941552	0.134934	127.7559	1.191047	134.7757	8.807253	261.3057	158.9492	127.7559	1.191047	48.89135
071819BK-02 11	1178.925	11729.64	5.676842	19.84488	2.006076	0.201304	3.157055	0.029771	0.845721	0.267883	189.1142	1.576146	186.2291	5.37175	150.8354	71.29867	189.1142	1.576146	125.3778
071819BK-02 12	170.7935	1408.996	1.543696	13.24415	10.31288	0.249231	11.03969	0.027747	2.143873	0.194197	176.431	3.731167	225.9516	22.36747	779.9517	228.2457	176.431	3.731167	22.62077
071819BK-02 13	879.3435	4515.294	2.162562	17.16838	4.114539	0.121365	7.208094	0.016041	0.959684	0.13314	102.5859	0.976708	116.309	7.921479	408.028	160.0001	102.5859	0.976708	25.14187
071819BK-02 14	326.8952	1447.752	2.469349	12.56199	11.67677	0.135022	17.43728	0.014086	2.035907	0.116756	90.16757	1.82295	128.6003	21.06548	915.2213	358.8624	90.16757	1.82295	9.851996
071819BK-02 15	1396.949	10978.65	1.601439	19.62863	1.941209	0.19403	2.25134	0.028438	0.717641	0.318762	180.7646	1.279222	180.0618	3.714719	171.8399	49.81687	180.7646	1.279222	105.1936
071819BK-02 16	318.3239	1936.622	1.053892	14.18243	8.794535	0.165053	12.67604	0.019036	1.755786	0.138512	121.5608	2.11435	155.1162	18.23631	705.2563	268.085	121.5608	2.11435	17.2364
071819BK-02 17	180.0549	659.7836	1.845777	10.11668	19.0139	0.146362	23.39786	0.013764	3.370002	0.14403	88.12113	2.949478	138.695	30.3419	1125.29	467.5926	88.12113	2.949478	7.83097
071819BK-02 18	421.9857	1530.711	2.107665	13.5876	7.807919	0.117135	13.19838	0.013259	1.328064	0.100623	84.91408	1.120319	112.4717	14.05273	744.8767	278.7041	84.91408	1.120319	11.39975
071819BK-02 19	472.4878	3304.271	3.058324	17.95254	4.781489	0.216322	7.684704	0.030635	0.925692	0.120459	194.5234	1.77379	198.8444	13.87832	251.4387	175.7325	194.5234	1.77379	77.36414
071819BK-02 20	184.2669	908.9467	1.584375	9.373905	22.74688	0.214746	23.3116	0.017068	2.185857	0.093767	109.0979	2.364658	197.5275	41.86851	1452.691	447.725	109.0979	2.364658	7.510056
071819BK-02 21	287.6027	2764.687	2.05616	14.68627	8.594314	0.295406	9.228284	0.034115	1.334014	0.144557	216.2518	2.836978	262.8055	21.37117	702.4706	194.7361	216.2518	2.836978	30.78446
071819BK-02 22	1233.92	10293.19	4.401109	19.54875	1.967634	0.210437	2.5054	0.030722	0.820674	0.327562	195.0669	1.576884	193.9193	4.42272	180.9667	55.16137	195.0669	1.576884	107.7916
071819BK-02 23	404.6962	5468.056	2.959581	17.1063	4.303174	0.453069	4.977544	0.058849	0.712738	0.143191	368.624	2.553616	379.4261	15.76006	446.8356	109.5539	368.624	2.553616	82.49655
071819BK-02 24	340.9857	2192.856	2.216284	14.20248	8.717482	0.129329	13.21478	0.014665	1.547348	0.117092	93.85291	1.441711	123.4947	15.36734	741.1691	278.7018	93.85291	1.441711	12.66282
071819BK-02 25	125.3455	934.317	3.429993	11.96226	11.17358	0.329129	23.43868	0.034909	2.017741	0.086086	221.1966	4.387471	288.9008	58.99981	880.9911	489.3918	221.1966	4.387471	25.1077
071819BK-02 26	314.5268	33762.72	2.12506	8.107129	0.667676	6.179222	0.950021	0.363687	0.667484	0.702599	1999.624	11.47551	2001.514	8.302888	2004.221	12.00235	2004.221	12.00235	99.77066
071819BK-02 27	206.9384	2403.372	2.927148	12.6913	5.968524	0.347818	9.87072	0.034548	1.047617	0.106134	218.9524	2.255266	303.0783	25.8698	1015.281	199.3096	218.9524	2.255266	21.5657
071819BK-02 28	595.3109	5810.049	2.12593	16.4005	4.679867	0.239621	6.285338	0.029671	0.970435	0.154397	188.4887	1.802677	218.1102	12.33718	552.2058	135.6669	188.4887	1.802677	34.13377
071819BK-02 29	679.6494	8815.8	1.77611	19.36703	2.444836	0.20052	3.74905	0.029059	1.06499	0.284069	184.6575	1.938685	185.5664	6.358367	198.1403	83.52636	184.6575	1.938685	93.19529
071819BK-02 30	1144.436	23919.62	1.090241	18.66673	1.579434	0.417654	1.877915	0.057105	0.818665	0.435944	357.9964	2.850897	354.3719	5.617672	331.6799	38.31219	357.9964	2.850897	107.9343
071819BK-02 31	574.2001	4537.791	2.154639	16.92624	4.901477	0.231002	6.125071	0.029942	0.914997	0.149385	190.1865	1.714781	211.0251	11.67122	451.4828	134.5919	190.1865	1.714781	42.12486
071819BK-02 32	801.1337	6655.575	2.463661	18.38559	4.703881	0.209553	4.890244	0.029076	0.883452	0.180656	184.7601	1.609097	193.1771	8.602783	298.2656	109.7612	184.7601	1.609097	61.94483
071819BK-02 33	120.0362	989.4767	4.102323	12.28531	7.095464	0.308705	13.4861	0.033433	1.716493	0.127279	212.001	3.579798	273.177	32.3121	837.6465	279.7538	212.001	3.579798	25.30913
071819BK-02 34	914.5552	17929.65	1.638239	18.69621	1.976776	0.402978	2.245947	0.055345	0.790976	0.352179	347.2525	2.674015	343.8059	6.550375	321.5855	47.76076	347.2525	2.674015	107.9814
071819BK-02 35	1201.161	2244.829	2.057231	18.86698	2.115779	0.198134	5.041129	0.030872	0.918112	0.182124	196.0019	1.772435	183.5463	8.464904	27.09911	NA	196.0019	1.772435	723.278
071819BK-02 36	639.744	11030.15	1.818344	18.27561	1.952432	0.444615	2.282998	0.060237	0.78682	0.344643	377.069	2.881753	373.5012	7.13468	352.3914	48.41757	377.069	2.881753	107.0029
071819BK-02 37	729.1451	3439.625	3.012139	17.6648	5.637007	0.177094	7.075648	0.024472	0.971114	0.137247	155.8584	1.495413	165.5572	10.80951	307.5668	159.8071	155.8584	1.495413	50.67465
071819BK-02 39	380.0133	5057.868	2.294818	16.37581	4.983223	0.271904	6.092661	0.03377	1.138725	0.186901	214.1019	2.39799	244.2148	13.22582	545.5783	130.8875	214.1019	2.39799	39.24312
071819BK-02 40	261.8572	1042.883	2.548102	11.08271	8.679681	0.146283	18.52226	0.013803	2.187658	0.11811	88.36829	1.920006	138.6246	24.00526	1118.601	369.9707	88.36829	1.920006	7.899892
071819BK-02 41	565.2276	7871.325	2.151562	18.27936	2.851386	0.419154	3.505617	0.05732	0.787566	0.224658	359.3093	2.752379	355.4461	10.51366	331.2616	77.47121	359.3093	2.752379	108.4669
071819BK-02 42	1227.191	20980.56	2.797881	19.01372	1.8894	0.29829	2.365819	0.041541	0.750647	0.317289	262.3804	1.930007	265.0641	5.519289	289.8484	51.27869	262.3804	1.930007	90.52331
071819BK-02 43	741.6076	7106.624	4.54644	18.46497	2.723062	0.215542	4.300947	0.029903	0.813205	0.189076	189.9408	1.522075	198.1924	7.743973	298.5443	96.3654	189.9408	1.522075	63.62233
071819BK-02 44	611.7133	2754.186	2.597599	14.83063	7.642769	0.136075	8.386419	0.015839	1.268013	0.151198	101.3017	1.274478	129.5421	10.19984	685.7392	177.2378	101.3017	1.274478	14.77263
071819BK-02 45	382.3883	1054.861	2.055611	13.46534	9.79605	0.116767	13.06853	0.013948	2.000721	0.153095	89.29501	1.774227	112.1367	13.87526	630.1234	279.287	89.29501	1.774227	14.17104
071819BK-02 46	813.0239	4855.167	5.902101	19.23395	1.774617	0.20246	4.699159	0.029885	0.693052	0.147484	189.8298	1.296438	187.2054	8.033915	155.2652	108.8794	189.8298	1.296438	122.2617
071819BK-02 47	899.9308	2776.817	6.780859	16.86408	7.915419	0.1124	8.533934	0.015036	0.887129	0.103953	96.20492	0.847125	108.1581	8.755766	381.0552	191.11	96.20492	0.847125	25.24698
071819BK-02 48	206.6434	2025.889	3.110414	13.74195	7.489556	0.315595	12.71169	0.034737	1.041597	0.08194	220.1286	2.254146	278.5086	30.97248	803.8478	266.2685	220.1286	2.254146	27.38436
071819BK-02 49	267.498	3456.284	1.888889	16.34428	5.632276	0.214376	6.740406	0.02723	1.09442	0.162367	173.1907	1.870199	197.2181	12.08257	496.2647	146.7198	173.1907	1.870199	34.89886
071819BK-02 50	294.1428	2407.725	4.025896	15.0233	8.093364	0.258498	9.886312	0.030866	0.89255	0.090281	195.9647	1.722766	233.4554	20.62186	631.0115	212.5598	195.9647	1.722766	31.05565

071819BK-02 51	310.0294	1900.321	2.016452	15.11185	7.695695	0.1484	14.56418	0.018333	1.844695	0.12666	117.1094	2.140808	140.4984	19.11211	557.3127	316.5522	117.1094	2.140808	21.01324
071819BK-02 52	240.7948	2588.246	2.519965	17.01377	5.476188	0.226855	12.01012	0.030844	1.351742	0.11255	195.8286	2.607294	207.5987	22.55294	344.3665	270.8716	195.8286	2.607294	56.86632
071819BK-02 53	243.0829	2501.593	2.477736	14.77122	8.212749	0.260933	9.60403	0.030466	1.41763	0.147608	193.4652	2.701874	235.4183	20.18261	679.0449	203.3795	193.4652	2.701874	28.49079
071819BK-02 54	609.2801	8676.333	2.289499	18.72876	1.852336	0.421625	2.405954	0.058945	0.824134	0.342539	369.2082	2.957276	357.2127	7.245465	281.0188	51.73944	369.2082	2.957276	131.382
071819BK-02 55	221.1959	2509.542	3.003373	15.50467	7.079675	0.430959	7.303673	0.053062	1.007102	0.13789	333.2915	3.27129	363.8569	22.33828	564.5179	157.7433	333.2915	3.27129	59.04001
071819BK-02 56	111.0017	10145.95	0.919244	9.117291	1.751936	4.814881	1.942642	0.32125	0.769111	0.39591	1795.829	12.05495	1787.501	16.33446	1778.573	32.5449	1778.573	32.5449	100.9702
071819BK-02 57	156.6534	2509.862	2.429249	14.11664	5.060501	0.489214	7.692431	0.054275	1.183032	0.153792	340.7143	3.926092	404.3746	25.6642	787.2553	159.7842	340.7143	3.926092	43.27875
071819BK-02 58	458.9932	3890.007	2.29627	16.0754	6.204255	0.218049	7.339176	0.026911	1.543539	0.210315	171.1837	2.607514	200.2851	13.34112	559.3871	156.5923	171.1837	2.607514	30.60201
071819BK-02 59	265.6277	1600.261	1.884354	16.73634	5.698818	0.182834	7.366919	0.026089	1.368235	0.185727	166.0212	2.24256	170.4959	11.5629	234.0742	167.243	166.0212	2.24256	70.92673
071819BK-02 60	232.9377	3797.754	1.729168	15.40933	3.18992	0.454484	5.295586	0.053688	0.916883	0.173141	337.1249	3.011608	380.4142	16.80324	654.0704	111.9607	337.1249	3.011608	51.54261
071819BK-02 61	146.8888	2142.453	2.344319	10.96467	18.22463	0.368577	19.67576	0.031422	1.386	0.070442	199.4428	2.721955	318.5981	53.85516	1318.024	384.115	199.4428	2.721955	15.13195
071819BK-02 62	407.5822	5702.194	2.282558	16.43689	4.46148	0.231707	5.567383	0.028655	1.170864	0.210308	182.1244	2.102588	211.6068	10.63478	554.909	118.8256	182.1244	2.102588	32.8206
071819BK-02 63	53.48624	5118.774	0.845267	9.195628	3.276971	4.804866	3.541542	0.325297	1.104802	0.311955	1815.548	17.48119	1785.751	29.77391	1751.888	61.60065	1751.888	61.60065	103.6338
071819BK-02 64	1011.108	10452.74	5.032989	18.12517	4.139922	0.228593	4.316438	0.030534	0.819156	0.189776	193.8877	1.564596	209.0366	8.15492	384.3776	95.25415	193.8877	1.564596	50.44199
071819BK-02 65	315.0721	2748.834	2.265575	15.58731	7.161643	0.229977	11.31502	0.02806	1.201867	0.106219	178.3965	2.114693	210.1799	21.48512	584.241	244.9476	178.3965	2.114693	30.53474
071819BK-02 66	765.1484	8726.884	1.933564	18.82444	1.92275	0.381685	2.55336	0.053291	1.216936	0.476602	334.693	3.969074	328.2768	7.162173	284.047	51.33664	334.693	3.969074	117.8302
071819BK-02 67	799.0132	1396.77	2.854154	16.77908	4.225159	0.10256	7.871456	0.015018	0.870454	0.110584	96.09014	0.830218	99.13648	7.434773	174.0224	NA	96.09014	0.830218	55.2171
071819BK-02 68	1454.542	2118.644	3.953322	19.929	2.164011	0.053287	10.59413	0.008863	1.009227	0.095263	56.88494	0.571572	52.71451	5.442206	NA	NA	56.88494	0.571572	NA
071819BK-02 69	237.1826	1680.045	2.238655	12.97635	13.19965	0.153012	15.47711	0.01602	3.167022	0.204626	102.4541	3.219097	144.5675	20.85796	907.7212	313.7894	102.4541	3.219097	11.28696
071819BK-02 70	468.0088	2269.998	3.26971	15.74103	6.841912	0.143821	8.722305	0.018065	1.309042	0.15008	115.4159	1.497399	136.4411	11.13632	520.8542	189.546	115.4159	1.497399	22.15898
071819BK-02 71	59.58321	8409.836	3.115257	5.28291	0.807427	13.76973	1.178799	0.525744	0.708123	0.600715	2723.495	15.7297	2734	11.15938	2742.469	15.49803	2742.469	15.49803	99.30817
071819BK-02 72	226.7286	27201.88	4.242152	8.86161	1.022516	4.750655	1.49989	0.30331	1.079293	0.719582	1707.704	16.19191	1776.224	12.58194	1858.499	18.81486	1858.499	18.81486	91.8862
071819BK-02 73	735.9952	8448.725	2.501128	18.423	4.224199	0.216619	4.377135	0.029571	0.799554	0.182666	187.8608	1.480374	199.0918	7.91353	335.2968	97.57127	187.8608	1.480374	56.02819
071819BK-02 74	597.3014	9155.441	2.353219	17.89299	2.926702	0.212178	4.131213	0.027953	0.680008	0.164602	177.726	1.192043	195.3785	7.342578	415.2457	91.07483	177.726	1.192043	42.8002
071819BK-02 75	412.1506	4965.721	2.952743	16.46531	4.69125	0.218511	5.704961	0.027039	1.073932	0.188245	171.9889	1.822622	200.6699	10.38824	553.6703	122.3462	171.9889	1.822622	31.06342
071819BK-02 76	560.0082	4749.179	2.147742	17.75045	3.432715	0.21288	5.857291	0.028592	1.054094	0.179963	181.7291	1.888847	195.9668	10.43901	371.9974	129.8277	181.7291	1.888847	48.85225
071819BK-02 77	641.5904	13570.35	2.453269	18.093	2.737155	0.435026	3.122215	0.057415	0.641054	0.20532	359.8838	2.243835	366.7389	9.61083	411.2591	68.34351	359.8838	2.243835	87.50781
071819BK-02 78	614.5015	7846.75	1.730119	17.91063	2.258591	0.442382	3.23023	0.058618	0.80005	0.247676	367.2161	2.855802	371.9309	10.05993	402.3646	70.09923	367.2161	2.855802	91.26453
071819BK-02 79	507.7046	10679.12	1.864402	18.06835	3.210107	0.408458	3.999731	0.054031	0.793739	0.198448	339.2215	2.622916	347.7641	11.77833	406.1778	87.7695	339.2215	2.622916	83.51552
071819BK-02 80	669.0332	4525.979	2.394158	18.05841	3.686632	0.221339	6.516493	0.030312	0.864999	0.13274	192.5023	1.640526	203.0233	11.99182	328.0157	146.702	192.5023	1.640526	58.68692
071819BK-02 81	264.341	28318.96	2.885151	8.82727	0.806948	5.240874	1.029614	0.331718	0.634896	0.616635	1846.702	10.19477	1859.288	8.779576	1874.162	14.61615	1874.162	14.61615	98.53481
071819BK-02 82	336.3183	3021.751	3.173472	17.52418	4.435078	0.195426	4.963985	0.026725	1.077274	0.217018	170.0177	1.807614	181.2482	8.240032	331.2705	109.9476	170.0177	1.807614	51.32294
071819BK-02 83	1542.348	8722.703	3.891754	18.8144	3.186356	0.106066	3.691125	0.014701	0.686345	0.185945	94.07979	0.641023	102.3603	3.594063	300.7304	82.70957	94.07979	0.641023	31.28376
071819BK-02 84	392.2777	4689.322	1.808848	16.4619	5.366656	0.250286	6.014845	0.031003	1.007002	0.167419	196.8226	1.952056	226.8082	12.2265	551.3666	129.5678	196.8226	1.952056	35.69724
071819BK-02 85	912.7461	4958.499	5.370138	17.05467	2.802359	0.1185	4.012491	0.015194	0.76715	0.19119	97.2073	0.740131	113.7116	4.316486	475.6148	87.12387	97.2073	0.740131	20.43824
071819BK-02 86	342.9379	3343.622	1.286962	15.71588	5.679987	0.223585	6.205359	0.026928	1.025952	0.165333	171.295	1.734261	204.8889	11.51393	612.3637	132.3194	171.295	1.734261	27.97275
071819BK-02 87	68.8946	651.9198	2.957219	6.914812	28.24952	0.376861	29.00517	0.021671	4.904874	0.169103	138.2083	6.706795	324.7257	80.78137	2045.392	516.6091	138.2083	6.706795	6.757057
071819BK-02 88	658.2651	9169.378	1.656706	17.41068	4.870138	0.229269	5.293965	0.02936	0.858661	0.162196	186.5446	1.578832	209.5952	10.02591	478.2695	115.5404	186.5446	1.578832	39.00408
071819BK-02 89	454.9811	3362.231	3.45953	17.85877	4.061735	0.223612	6.112172	0.031017	0.961402	0.157293	196.9105	1.864482	204.9115	11.34214	298.9497	137.7964	196.9105	1.864482	65.86745
071819BK-02 90	719.5787	5803.989	2.18954	17.64274	3.311606	0.222331	4.480723	0.0294	0.843641	0.188282	186.7895	1.553222	203.848	8.275588	406.9665	98.52981	186.7895	1.553222	45.89802
071819BK-02 91	1256.993	4878.403	3.508084	18.70876	3.672834	0.105438	4.000483	0.014972	0.907384	0.226819	95.80129	0.862858	101.7839	3.874434	245.2289	89.75823	95.80129	0.862858	39.06607
071819BK-02 92	607.9525	8401.212	3.582401	17.14401	5.296904	0.241955	5.731703	0.030619	0.67738	0.118181	194.4213	1.29731	220.0201	11.33863	504.5022	125.3484	194.4213	1.29731	38.53725
071819BK-02 93	360.3203	3526.79	1.694099	16.90944	4.935763	0.188044	6.909668	0.024488	1.253565	0.181422	155.9605	1.931606	174.9589	11.10533	441.081	151.3211	155.9605	1.931606	35.35871
071819BK-02 94	658.3718	4907.872	2.129942	17.59186	3.560105	0.225823	5.39258	0.029974	0.96221	0.178432	190.3866	1.805132	206.7446	10.08744	398.5213	118.97	190.3866	1.805132	47.77326
071819BK-02 95	181.6827	1835.546	1.417905	11.95634	8.827904	0.291096	10.60684	0.027535	2.17434	0.204994	175.1046	3.756124	259.4219	24.28716	1113.556	207.8058	175.1046	3.756124	15.72481
071819BK-02 96	695.8718	6363.78	6.22662	18.38123	2.626188	0.208537	4.073881	0.028733	0.670119	0.164492	182.6159	1.206573	192.3244	7.137874	314.1984	91.44528	182.6159	1.206573	58.12121
071819BK-02 97	455.962	1894.904	1.717762	13.53812	8.072599	0.156566	9.286405	0.016962	1.421172	0.153038	108.4267	1.528043	147.6932	12.76523	837.0082	191.5309	108.4267	1.528043	12.95407
071819BK-02 98	92.80038	1125.885	25.92955	7.36358	19.09574	0.553414	21.33009	0.032048	2.029578	0.095151	203.353	4.062791	447.2306	77.30784	2032.971	380.3352	203.353	4.062791	10.00275
071819BK-02 99	763.536	14980.2	2.930801	18.19708	1.570496	0.436461	2.018638	0.058044	0.686075	0.33987	363.7198	2.426298	367.7542	6.22796	394.22	42.57164	363.7198	2.426298	92.26315
071819BK-02 100	875.302	7145.527	1.970074	18.22163	2.980014	0.211207	3.293742	0.028729	0.657516	0.199626	182.5867	1.183694	194.5653	5.831963	343.415	73.05648	182.5867	1.183694	53.16794
071819BK-02 101	960.9408	4251.971	2.520932	16.9364	6.189272	0.108353	7.394764	0.014002	1.000929	0.135356	89.63659	0.890989	104.4578	7.340492	458.2347	162.7	89.63659	0.890989	19.56128
071819BK-02 102	1049.168	5570.883	2.617136	16.35545	6.726716	0.131514	7.449418	0.016188	0.830487	0.111483	103.5176	0.852834	125.4576	8.791768	565.175	161.442	103.5176	0.852834	18.31603
071819BK-02 103	544.3163	26840.33	4.967844	13.09295	0.821559	1.933342	1.060798	0.18324	0.591649	0.55774	1084.653	5.906513	1092.697	7.099305	1109.608	17.58928	1109.608	17.58928	97.75101
071819BK-02 104	356.7809	3178.648	2.345801	15.30466	6.676023	0.263035	7.577487	0.031112	0.949322	0.125282	197.5022	1.846502	237.1099	16.02468	651.326	161.5973	197.5022	1.846502	30.32309
071819BK-02 105	688.757	2996.114	5.173023	15.33282	8.049922	0.130912	9.80915	0.015588	1.518431	0.154797	99.71211	1.50241	124.9165	11.53	636.9912	208.9865	99.71211	1.50241	15.65361
071819BK-02 106	336.5042	3396.972	3.639944	17.82575	5.152637	0.23186	7.550004	0.032189	1.546958	0.204895	204.2333	3.10988	211.7333	14.43016	297.0043	168.8321	204.2333	3.10988	68.76444
071819BK-02 107	1026.322	7188.48	2.283647	16.94741	4.435255	0.132241	4.692035	0.016721	0.921977	0.196498	106.8965	0.977435	126.1097	5.564469	506.406	101.2461	106.8965	0.977435	21.10885
071819BK-02 108	1643.209	13236.75	2.126558	19.16867	1.857164	0.181212	2.171533	0.025568	0.68088	0.313548	162.7519	1.094274	169.1033	3.382657	259.9043	47.37986	162.7519	1.094274	62.61991
071819BK-02 109	435.4377	3960.021	3.226952	16.83459	4.024786	0.222276	5.017396	0.028741	1.02174	0.203639	182.6618	1.840135	203.8019	9.264947	456.9597	109.0523	182.6618	1.840135	39.97329
071819BK-02 110	14.81955	2020.495	1.10676	6.496468	5.691522	8.072793	7.101126	0.394121	2.040173	0.287303	2141.914	37.18086	2239.204	64.24197	2330.112	116.6462	2330.112	116.6462	91.92323
071819BK-02 111	293.1587	3779.168	1.919938	16.16181	3.682658	0.249018	6.275367	0.030918	1.334434	0.212646	196.2892	2.579873	225.7781	12.70438	546.2822	134.0817	196.2892	2.579873	35.93183
071819BK-02 112	1193.953	4885.436	10.22766	16.57856	7.542185	0.108269	8.017594	0.013598	0.956564	0.119308	87.06759	0.827258	104.3808	7.953208	521.1078	174.8988	87.06759	0.827258	16.70817
071819BK-02 113	221.6957	2204.539	4.972057	15.91937	8.398449	0.252397	11.77156	0.032338	1.625929	0.138123	205.1666	3.283338	228.5218	24.09286	477.1738	258.5092	205.1666	3.283338	42.99621
071819BK-02 114	156.2265	1442.43	2.320984	11.98863	10.02215	0.346995	11.20037	0.033984	1.745581	0.15585	215.433	3.698414	302.4583	29.30488	1043.808	223.845	215.433	3.698414	20.63915
071819BK-02 115	747.4061	3457.912	3.458046	16.29826	5.146259	0.130355	6.439313	0.016428	1.770082	0.274887	105.039	1.84421	124.4168	7.540337	513.6523	136.1397	105.039	1.84421	20.44943
071819BK-02 116	838.5392	104051.4	4.311063	9.201718	0.706465	4.745308	1.047274	0.314806	0.771717	0.736882	1764.312	11.91127	1775.279	8.783185	1788.976	12.89757	1788.976	12.89757	98.62138
071819BK-02 117	1197.372	9619.785	3.784099	18.3626	3.205137	0.160922	3.412204	0.021891	0.927439	0.271801	139.5935	1.280728	151.5103	4.802657	343.2531	74.33329	139.5935	1.280728	40.66781
071819BK-02 118	594.9827	3159.962	1.558882	15.77926	7.628457	0.120987	8.998515	0.014824	2.09027	0.232291	94.86215	1.968357	115.9666	9.861734	575.0954	190.6202	94.86215	1.968357	16.49503
071819BK-02 119	208.4965	2336.061	3.499508	15.332	8.00164	0.289345	9.101804	0.035312	2.137922	0.23489	223.7074	4.700657	258.0439	20.74269	583.7595	192.4117	223.7074	4.700657	38.32184
071819BK-02 121	112.0216	6723.374	1.835367	11.78711	1.94728	2.635884	2.283298	0.229379	0.820032	0.359144	1331.246	9.863205	1310.71	16.80926	1278.097	41.5278	1278.097	41.5278	104.1584
071819BK-02 122	327.7138	4623.309	2.093515	16.54581	3.606679	0.430309	4.790898	0.054085	0.888982	0.185557	339.5496	2.940416	363.3958	14.63616	519.4761	103.3743	339.5496	2.940416	65.36386
071819BK-02 123	827.0714	7298.76	1.994571	18.35155	3.301451	0.217873	4.117871	0.029893	0.828086	0.201096	189.8765	1.54941	200.1377	7.480167	323.8531	91.61591	189.8765	1.54941	58.63044
071819BK-02 124	223.1044	690.4563	1.647014	16.74937	4.502026	0.278422	9.856692	0.052578	1.076343	0.109199	330.3294	3.465919	249.4046	21.8	NA	NA	330.3294	3.465919	NA
071819BK-02 125	284.1118	2912.277	2.666534	15.13098	5.743738	0.264596	7.41135	0.031177	1.568346	0.211614	197.9099	3.056751	238.3636	15.74683	659.5651	155.4665	197.9099	3.056751	30.00612
071819BK-02 126	1151.189	10589.64	3.359387	18.66374	2.073694	0.221458	2.498901	0.030552	0.778171	0.311405	194.0042	1.487195	203.1227	4.600395	311.2957	54.04212	194.0042	1.487195	62.32152
071819BK-02 127	967.9554	2827.518	5.295059	15.00305	7.709557	0.121733	9.111632	0.014248	1.01848	0.111778	91.19843	0.922298	116.642	10.04059	673.9292	193.9923	91.19843	0.922298	13.53234
071819BK-02 128	1639.812	16499.37	2.131034	18.90818	2.572015	0.194533	2.731062	0.027216	0.755995	0.276814	173.0996	1.291211	180.4895	4.516052	279.4025	60.09845	173.0996	1.291211	61.95349
071819BK-02 129	784.8492	3467.317	1.647599	16.87279	4.144153	0.135578	6.537545	0.017916	0.864864	0.132292	114.471	0.98128	129.0976	7.925482	408.47	145.1246	114.471	0.98128	28.02433
071819BK-02 130	439.1384	21009.85	1.405619	5.43825	0.649975	10.29843	0.999305	0.408729	0.755099	0.755624	2209.108	14.12312	2461.962	9.248958	2678.607	10.82716	2678.607	10.82716	82.47228
071819BK-02 131	163.6209	1602.675	2.369632	9.82738	15.67262	0.2613	16.41033	0.020423	2.936432	0.178938	130.3259	3.788508	235.7141	34.53312	1484.531	307.9098	130.3259	3.788508	8.77893
071819BK-02 132	166.3667	19738.55	1.576272	6.783465	0.783866	8.628233	1.088448	0.42767	0.703365	0.64621	2295.205	13.58253	2299.538	9.904362	2304.12	14.26618	2304.12	14.26618	99.6131
071819BK-02 133	1514.481	7555.435	2.515125	18.59905	3.150326	0.108176	4.485373	0.015185	0.798082	0.17793	97.15515	0.769564	104.2953	4.445829	271.6294	101.2196	97.15515	0.769564	35.76753
071819BK-02 134	175.0982	14307.97	0.937615	8.067028	0.871712	6.103213	1.078397	0.360876	0.572118	0.530527	1986.323	9.780103	1990.706	9.408591	1996.02	16.24599	1996.02	16.24599	99.51418
071819BK-02 135	751.7422	5945.104	2.142836	15.97974	4.807853	0.240081	5.662652	0.029042	0.972346	0.171712	184.5493	1.769015	218.4868	11.13204	602.8986	120.7853	184.5493	1.769015	30.61034
071819BK-02 136	662.4873	7192.323	1.732809	18.91826	3.024711	0.212178	3.525142	0.030374	0.729724	0.207006	192.8903	1.386717	195.3789	6.265363	226.5255	79.73834	192.8903	1.386717	85.15169
071819BK-02 137	478.3886	1637.863	1.638687	12.46549	7.544545	0.129154	9.445214	0.013144	1.349591	0.142886	84.18115	1.128716	123.337	10.97015	965.9055	191.2374	84.18115	1.128716	8.715257
071819BK-02 138	484.9876	2211.3	5.120328	14.51081	7.281303	0.115198	10.19542	0.013432	1.384244	0.135771	86.00887	1.182666	110.7094	10.69411	682.0423	216.2344	86.00887	1.182666	12.61049
071819BK-02 139	323.7199	2448.895	1.764089	14.17894	8.139728	0.244353	8.466074	0.027489	0.848262	0.100195	174.8147	1.462962	221.9784	16.88206	757.9662	177.9834	174.8147	1.462962	23.06366
071819BK-02 140	470.1524	4772.308	2.593812	16.25319	5.89663	0.247059	6.901275	0.030719	1.015228	0.147107	195.0469	1.950513	224.184	13.88351	543.1473	149.3798	195.0469	1.950513	35.9105
071819BK-02 141	451.9731	2906.9	1.910692	18.24138	2.95475	0.166436	5.040772	0.02432	0.814884	0.161658	154.9031	1.247235	156.321	7.303317	178.8589	116.0307	154.9031	1.247235	86.6063
071819BK-02 142	426.2357	7372.219	3.656794	17.77553	3.964965	0.327409	4.331248	0.043863	0.956926	0.220935	276.7319	2.592086	287.5855	10.84788	377.7027	95.03442	276.7319	2.592086	73.26712
071819BK-02 143	368.1221	6559.034	2.267119	16.90822	4.604993	0.408887	5.585951	0.05223	0.812998	0.145543	328.197	2.60145	348.073	16.46235	483.9177	122.1193	328.197	2.60145	67.82082
071819BK-02 144	338.5856	2922.984	4.099086	13.0268	13.46025	0.242795	13.98624	0.024563	1.582274	0.113131	156.4308	2.445375	220.7065	27.75102	978.0176	284.4632	156.4308	2.445375	15.99468
071819BK-02 145	1144.862	26732.78	3.764685	18.20769	1.406987	0.44639	1.824126	0.059426	0.706389	0.387248	372.1334	2.554274	374.7481	5.716343	391.8991	37.72721	372.1334	2.554274	94.95644
071819BK-02 146	327.9166	1613.364	2.088402	12.86146	9.734653	0.137782	11.48358	0.014486	2.157776	0.187901	92.71602	1.986286	131.0665	14.12111	899.0436	233.3525	92.71602	1.986286	10.31274
071819BK-02 147	152.5169	993.2384	4.86464	11.30945	11.52123	0.186353	20.11904	0.018214	5.948806	0.29568	116.3599	6.859931	173.5127	32.09996	1047.905	390.9553	116.3599	6.859931	11.10406
071819BK-02 148	191.2572	1031.831	1.212681	10.31703	23.90952	0.191231	26.88296	0.016624	4.984498	0.185415	106.2862	5.254397	177.6789	43.84688	1280.082	523.975	106.2862	5.254397	8.303074
071819BK-02 149	1323.937	12490.31	2.802037	18.70584	3.005179	0.203163	3.284272	0.028058	0.747073	0.22747	178.3797	1.314358	187.799	5.631103	308.9642	72.82621	178.3797	1.314358	57.73476
071819BK-02 150	225.0076	5101.024	1.868031	17.04544	4.177788	0.437531	5.764836	0.056748	1.104547	0.191601	355.8159	3.823659	368.5096	17.81774	450.0979	125.7631	355.8159	3.823659	79.053
071819BK-02 151	628.7171	5416.472	3.483686	18.34685	2.929727	0.216987	3.619522	0.030323	0.733823	0.20274	192.571	1.392232	199.3994	6.552931	281.9732	81.10994	192.571	1.392232	68.29409
071819BK-02 152	604.1708	6276.256	2.914449	17.58798	2.641454	0.234808	4.077751	0.031094	1.018496	0.249769	197.3918	1.979959	214.1602	7.873596	403.7584	88.45522	197.3918	1.979959	48.8886
071819BK-02 153	431.2408	22456.44	3.063644	12.27576	0.806064	2.300781	1.183967	0.205528	0.62554	0.528342	1204.949	6.874912	1212.529	8.379885	1226.886	19.7399	1226.886	19.7399	98.21199
071819BK-02 154	695.6217	10133.48	2.900205	18.86093	2.093923	0.374845	2.707316	0.052482	1.062227	0.392354	329.7417	3.414532	323.2378	7.495047	277.6622	57.02274	329.7417	3.414532	118.7564
071819BK-02 155	327.8903	5646.691	2.664493	15.14775	5.933039	0.270507	6.624816	0.030781	0.96358	0.14545	195.4347	1.854909	243.0987	14.32299	733.8652	138.9526	195.4347	1.854909	26.63086

071819BK-02 156	236.2518	2880.843	2.381467	14.76884	6.950659	0.26113	10.5009	0.030078	1.517938	0.144553	191.0368	2.857273	235.5768	22.08112	708.0231	221.5362	191.0368	2.857273	26.98171
071819BK-02 157	326.9907	7088.568	1.267952	17.48701	4.014729	0.434763	4.682314	0.056577	0.796954	0.170205	354.7722	2.750977	366.5532	14.40762	442.7067	102.6524	354.7722	2.750977	80.13708
071819BK-02 158	144.0872	1241.022	2.713361	8.510087	14.56568	0.394461	16.90808	0.026756	3.048238	0.180283	170.2113	5.120547	337.623	48.60193	1748.462	306.7036	170.2113	5.120547	9.734916
071819BK-02 159	246.5874	3668.286	2.065419	14.67983	6.87374	0.278077	7.538236	0.031297	1.162383	0.154198	198.6609	2.273981	249.1309	16.65507	757.0268	157.3608	198.6609	2.273981	26.24225
071819BK-02 160	710.091	4911.107	1.720163	17.87482	3.610323	0.213783	5.861475	0.029159	0.736021	0.125569	185.2853	1.344326	196.7227	10.48299	337.1717	131.836	185.2853	1.344326	54.95279
071819BK-02 161	411.7313	4519.505	3.377902	15.94944	2.933775	0.247085	3.615469	0.030007	1.126991	0.311714	190.5896	2.116487	224.2056	7.27365	594.4412	74.4874	190.5896	2.116487	32.06197
071819BK-02 162	253.3106	2733.297	1.500508	15.96598	6.728158	0.251464	7.24756	0.031919	1.163658	0.160559	202.5491	2.320334	227.765	14.78803	497.8221	157.7842	202.5491	2.320334	40.68704
071819BK-02 163	206.9792	4250.613	2.410873	14.59186	6.45793	0.448947	7.130547	0.049855	0.95196	0.133504	313.6316	2.914182	376.5417	22.43707	785.2579	148.5714	313.6316	2.914182	39.93995
071819BK-02 164	331.6433	3019.76	3.012702	16.05394	6.352459	0.26797	9.70327	0.033731	1.075378	0.110826	213.8561	2.262033	241.0696	20.82506	516.2016	212.2217	213.8561	2.262033	41.4288
071819BK-02 165	319.5188	23980.22	17.85463	9.11842	0.681927	4.768768	1.003238	0.316191	0.598314	0.596383	1771.101	9.265702	1779.417	8.421064	1789.961	14.669	1789.961	14.669	98.94632
071819BK-02 166	319.6632	4102.7	3.440737	15.4606	5.422814	0.277518	6.290569	0.032831	1.423132	0.226233	208.241	2.91619	248.6868	13.87622	650.945	131.6565	208.241	2.91619	31.99057
071819BK-02 167	222.6768	3037.622	2.132229	16.52312	4.593488	0.441512	5.815439	0.057316	0.935652	0.160891	359.2833	3.269678	371.3179	18.08766	448.0751	127.6183	359.2833	3.269678	80.18371
071819BK-02 168	528.8848	2392.141	3.765779	15.46594	8.068781	0.12979	10.33112	0.015985	1.196089	0.115775	102.2298	1.213114	123.9093	12.05153	563.9194	224.0576	102.2298	1.213114	18.12844
071819BK-02 169	144.0599	1430.659	3.193909	12.3049	8.250829	0.334519	12.324	0.033953	1.77626	0.14413	215.2435	3.760161	293.0097	31.37729	971.353	249.6332	215.2435	3.760161	22.15915
071819BK-02 170	409.6918	4000.859	1.665892	15.19472	7.340187	0.244845	8.546267	0.028478	1.235297	0.144542	181.0183	2.20501	222.38	17.06959	687.2453	180.7326	181.0183	2.20501	26.33969
071819BK-02 171	649.1264	1402.095	2.0295	14.14136	7.142959	0.127606	13.38844	0.015294	0.960482	0.07174	97.84285	0.932667	121.944	15.3853	622.9332	289.2103	97.84285	0.932667	15.7068
071819BK-02 172	169.5026	1514.59	1.727319	12.2501	8.69731	0.338478	10.11185	0.033913	1.857763	0.183721	214.9936	3.928203	296.0177	25.97013	997.7016	202.4239	214.9936	3.928203	21.54889
071819BK-02 173	301.9568	1476.476	3.48614	13.79306	13.73239	0.160193	16.38855	0.018465	1.699612	0.103707	117.947	1.986412	150.8719	22.9804	706.4599	348.9008	117.947	1.986412	16.69549
071819BK-02 174	216.7969	897.3395	3.79927	7.683003	13.8948	0.201301	14.6307	0.012597	3.112286	0.212723	80.6992	2.495935	186.2266	24.89868	1894.64	258.5026	80.6992	2.495935	4.259343
071819BK-02 175	545.3544	5738.122	1.681498	18.40555	3.379242	0.292714	3.861009	0.040723	0.778042	0.201513	257.3129	1.962574	260.6932	8.877333	292.1877	86.38391	257.3129	1.962574	88.06425
071819BK-02 177	245.1488	2240.897	1.92905	16.40916	10.61917	0.259128	15.3482	0.034299	1.50187	0.097853	217.4004	3.210631	233.9641	32.08313	404.7523	343.7374	217.4004	3.210631	53.71197
071819BK-02 178	965.701	4661.921	2.308755	19.97231	1.908367	0.102633	2.845206	0.015778	0.805002	0.282933	100.9205	0.806086	99.20416	2.689068	59.2108	NA	100.9205	0.806086	170.4427
071819BK-02 179	99.46506	392.8284	1.886216	5.022485	24.07169	0.299672	25.88022	0.012923	7.182135	0.277514	82.77439	5.906965	266.1444	60.66345	2540.337	424.1993	82.77439	5.906965	3.258401
071819BK-02 180	668.2903	6579.94	2.162929	18.12511	5.876151	0.216138	7.214114	0.029434	0.868399	0.120375	187.0067	1.600636	198.6907	13.01924	340.7703	162.3422	187.0067	1.600636	54.87766
071819BK-02 181	766.447	6016.116	2.281371	18.203	2.717951	0.209749	4.150622	0.028807	0.744133	0.179282	183.0768	1.343172	193.3422	7.307275	321.5798	92.80247	183.0768	1.343172	56.93045
071819BK-02 182	596.5798	5564.44	2.137109	17.86177	3.27488	0.234036	4.134863	0.031627	0.88824	0.214817	200.7251	1.75545	213.5249	7.962593	358.1221	91.18516	200.7251	1.75545	56.04936
071819BK-02 183	488.3245	10734.95	2.794822	17.99106	2.552861	0.410446	3.172601	0.054733	1.254644	0.395462	343.5126	4.197044	349.1963	9.374698	388.1296	65.45774	343.5126	4.197044	88.50461
071819BK-02 184	369.0493	3233.174	2.586042	14.68397	6.315652	0.299929	6.894998	0.033985	1.982375	0.287509	215.4406	4.200264	266.345	16.15474	742.7793	139.8119	215.4406	4.200264	29.00465
071819BK-02 185	121.7149	11636.21	1.769698	7.71721	0.916151	6.677905	1.19904	0.374864	0.729706	0.608575	2052.249	12.82571	2069.703	10.58953	2087.872	16.73225	2087.872	16.73225	98.29384
071819BK-02 186	631.7876	5344.078	2.94814	17.72513	3.626701	0.189149	5.507055	0.025407	0.791567	0.143737	161.7408	1.264359	175.9026	8.894625	371.7352	122.8189	161.7408	1.264359	43.50967
071819BK-02 187	571.0668	43109.04	2.840674	8.969299	0.674622	4.243037	0.98806	0.275183	0.716809	0.725471	1567.059	9.971752	1682.389	8.119255	1830.119	12.32795	1830.119	12.32795	85.62605
071819BK-02 188	302.3987	3866.624	2.344297	17.31108	3.682479	0.356185	4.650325	0.047618	0.893921	0.192228	299.8834	2.619323	309.3622	12.40199	382.3954	102.6142	299.8834	2.619323	78.42232
071819BK-02 189	353.8409	2713.369	1.716547	14.27947	11.77435	0.284012	12.25435	0.031711	1.19844	0.097797	201.2472	2.374569	253.8354	27.52927	773.8473	257.4737	201.2472	2.374569	26.00606
071819BK-02 190	585.5651	5313.307	1.642096	17.21639	4.101544	0.240403	5.126775	0.03139	0.736457	0.143649	199.2449	1.444908	218.7501	10.08939	435.1506	113.0571	199.2449	1.444908	45.78757
071819BK-02 191	415.0571	68320.66	1.976244	5.865056	0.567462	11.59261	0.900219	0.491795	0.698056	0.775429	2578.439	14.83489	2572.077	8.414988	2567.781	9.506105	2567.781	9.506105	100.4151
071819BK-02 192	658.984	4363.786	2.414147	16.3336	6.570907	0.142604	7.630908	0.0178	0.994231	0.13029	113.7398	1.120919	135.361	9.670666	534.6045	165.8494	113.7398	1.120919	21.2755
071819BK-02 193	424.642	5008.622	2.544642	16.76327	3.343961	0.275205	5.701233	0.035043	0.79843	0.140045	222.0317	1.742586	246.8467	12.49387	490.8608	124.5934	222.0317	1.742586	45.23314
071819BK-02 194	940.3514	3142.895	2.257498	17.92045	3.094947	0.110473	5.020965	0.015626	0.980407	0.195263	99.95461	0.972404	106.3978	5.071872	254.1527	113.2954	99.95461	0.972404	39.32856
071819BK-02 195	987.4575	4615.056	17.38846	15.45128	7.461388	0.116573	7.627845	0.013679	0.77268	0.101297	87.58106	0.672145	111.9602	8.086325	668.4538	162.6333	87.58106	0.672145	13.10204
071819BK-02 196	495.2939	1011.491	1.729656	17.76126	5.251208	0.169029	34.40522	0.029346	0.860036	0.024997	186.4537	1.5806	158.5762	50.55329	NA	NA	186.4537	1.5806	NA
071819BK-02 197	786.0537	2416.543	11.03665	16.16059	6.675024	0.1069	8.064661	0.013834	0.947792	0.117524	88.56828	0.833703	103.1259	7.908514	455.0776	177.984	88.56828	0.833703	19.46224
071819BK-02 198	1004.59	10620.36	3.487372	19.82662	1.935654	0.208552	3.185918	0.030721	0.664109	0.208451	195.0574	1.275992	192.3365	5.582352	160.1077	72.90575	195.0574	1.275992	121.8289
071819BK-02 199	2069.824	8938.973	7.997257	17.6491	4.130287	0.102457	4.413845	0.013466	0.775342	0.175661	86.2289	0.664117	99.04195	4.165144	420.5604	97.02901	86.2289	0.664117	20.50333
071819BK-02 200	700.4162	8492.343	1.90704	17.48989	4.26956	0.223939	4.592764	0.029144	0.919834	0.200279	185.1886	1.679193	205.1829	8.532658	442.5254	100.1089	185.1886	1.679193	41.84812
071819BK-02 201	2215.523	8222.153	6.433878	18.8252	2.711096	0.112203	3.090015	0.015775	0.712278	0.23051	100.9	0.713094	107.9789	3.165289	268.0581	68.95955	100.9	0.713094	37.64111
071819BK-02 202	263.0446	2507.498	3.690648	12.98216	7.746296	0.298622	9.583039	0.030203	1.382381	0.144253	191.8161	2.612566	265.323	22.37907	978.5814	193.6427	191.8161	2.612566	19.60144
071819BK-02 203	1234.309	12746.56	1.951992	18.77073	2.250877	0.213607	2.788879	0.029433	0.686135	0.246026	186.9988	1.264634	196.5753	4.984262	314.1349	61.49935	186.9988	1.264634	59.52818
071819BK-02 204	661.3496	2038.637	2.156638	15.59473	7.993068	0.089939	9.551128	0.011339	1.583334	0.165775	72.68416	1.14437	87.44638	8.002739	512.7795	207.364	72.68416	1.14437	14.17454
071819BK-02 205	487.0177	1710.088	1.898012	15.02581	9.06748	0.090785	11.18515	0.011236	1.694191	0.151468	72.02539	1.213456	88.23402	9.452739	553.2954	241.9097	72.02539	1.213456	13.01753
071819BK-02 206	1523.212	8155.71	3.70462	18.88892	3.23522	0.110385	3.654103	0.015503	0.837313	0.229143	99.17102	0.824017	106.3174	3.688491	270.5336	81.59358	99.17102	0.824017	36.65757
071819BK-02 207	507.943	12525.65	2.501589	18.47063	2.965491	0.411689	3.359678	0.055596	0.781513	0.232615	348.7874	2.653388	350.0906	9.948818	359.704	73.7489	348.7874	2.653388	96.9651
071819BK-02 208	566.413	3685.041	2.607747	17.40079	7.398402	0.130723	7.758458	0.017524	1.191031	0.153514	111.9874	1.322286	124.7472	9.10779	376.3024	172.7134	111.9874	1.322286	29.75994
071819BK-02 209	98.80196	11234.1	1.098332	6.380401	0.953493	9.79338	1.361588	0.451325	0.767637	0.563781	2401.14	15.38862	2415.528	12.54506	2428.397	19.06731	2428.397	19.06731	98.87759
071819BK-02 210	487.5427	1941.417	7.832031	12.4034	10.38719	0.125659	10.9114	0.012299	1.980402	0.181498	78.80177	1.551092	120.1895	12.36855	1045.085	217.0131	78.80177	1.551092	7.540228
071819BK-02 211	263.1618	2348.821	4.551662	15.5045	10.8549	0.251581	12.05027	0.030942	1.494695	0.124038	196.443	2.891937	227.8599	24.59977	566.926	261.1788	196.443	2.891937	34.65055
071819BK-02 212	760.7188	13858.64	2.268895	18.31213	2.850624	0.428763	3.313555	0.057273	0.721751	0.217818	359.0191	2.520387	362.2976	10.09707	384.2977	72.66469	359.0191	2.520387	93.42212
071819BK-02 213	348.4926	3350.169	3.305305	16.1373	8.711315	0.252762	9.379868	0.031455	1.100184	0.117292	199.6511	2.162865	228.8173	19.2186	541.2379	204.0763	199.6511	2.162865	36.88787
071819BK-02 214	570.1644	4914.449	2.146318	17.48289	3.48647	0.235685	3.901832	0.031169	1.303306	0.334024	197.8604	2.539554	214.8808	7.556669	406.7117	82.3255	197.8604	2.539554	48.64881
071819BK-02 215	644.9677	1836.366	3.776691	17.10943	8.258404	0.091254	15.73743	0.012974	1.431571	0.090966	83.09809	1.181974	88.67057	13.36329	242.3622	NA	83.09809	1.181974	34.28674
071819BK-02 216	146.7114	1924.712	2.090894	16.43372	4.323063	0.255406	9.408123	0.034397	2.867388	0.304778	218.0067	6.146581	230.9579	19.43715	365.8852	202.346	218.0067	6.146581	59.58337
071819BK-02 217	222.9655	25230.06	1.549435	8.652095	1.091089	5.412739	1.420382	0.337388	0.887009	0.624486	1874.089	14.4251	1886.873	12.17389	1901.736	19.93667	1901.736	19.93667	98.54627
071819BK-02 218	266.0505	5734.625	2.854005	18.11576	3.780663	0.429842	5.878442	0.058685	1.153136	0.196163	367.6248	4.120602	363.0645	17.94561	335.0273	130.724	367.6248	4.120602	109.7298
071819BK-02 219	344.3349	2172.248	3.500874	11.35786	23.94991	0.198458	24.58248	0.01755	1.539672	0.062633	112.1558	1.711897	183.8205	41.35625	1246.685	487.7149	112.1558	1.711897	8.996326
071819BK-02 220	150.8893	533.3148	3.006517	7.615907	16.41766	0.192305	19.42489	0.013125	5.192587	0.267316	84.05937	4.336522	178.5941	31.82247	1737.074	346.3546	84.05937	4.336522	4.839137
071819BK-02 221	319.5075	2713.668	2.889378	16.29853	5.965355	0.278327	8.39587	0.035852	1.198478	0.142746	227.0698	2.67401	249.3293	18.56338	465.3668	184.3547	227.0698	2.67401	48.79373
071819BK-02 222	341.4542	4955.107	3.474543	14.68154	8.273492	0.290296	8.703515	0.032105	0.98529	0.113206	203.7095	1.975749	258.7924	19.88529	793.8695	181.6839	203.7095	1.975749	25.66033
071819BK-02 223	472.2768	3804.049	1.573034	17.0273	4.247155	0.164026	5.100354	0.021599	0.946084	0.185494	137.7565	1.289465	154.2207	7.29771	416.2883	112.059	137.7565	1.289465	33.09162
071819BK-02 224	511.5549	9561.145	3.546887	17.90126	2.887406	0.310399	3.81508	0.041366	0.825966	0.2165	261.2946	2.11505	274.4901	9.176182	389.5131	83.64158	261.2946	2.11505	67.08237
071819BK-02 225	236.7114	3647.529	1.931158	14.99813	9.195673	0.366154	9.415563	0.042277	1.157371	0.122921	266.9335	3.026321	316.7993	25.62907	702.8818	199.2893	266.9335	3.026321	37.97702
071819BK-02 226	140.3215	10748.9	1.32309	8.506446	0.928057	5.34481	1.179229	0.33275	0.617322	0.523497	1851.695	9.93572	1876.059	10.08686	1903.915	18.05131	1903.915	18.05131	97.25723
071819BK-02 227	185.1114	10228.32	3.018671	13.46602	2.72121	1.792776	3.128378	0.178147	0.729933	0.233326	1056.842	7.115079	1042.835	20.39377	1014.463	61.66694	1014.463	61.66694	104.1775
071819BK-02 228	614.7472	6049.978	2.209279	17.77848	3.732577	0.216922	4.090071	0.029136	0.782523	0.191322	185.1399	1.428155	199.3451	7.403036	371.8834	90.42616	185.1399	1.428155	49.7844
071819BK-02 229	238.9064	1690.752	1.218379	14.40172	9.750343	0.243089	14.26717	0.028922	1.518732	0.106449	183.7949	2.751935	220.9469	28.33635	638.7721	306.5489	183.7949	2.751935	28.77316
071819BK-02 230	1640.8	9364.112	1.815239	18.99107	3.123876	0.105112	4.093014	0.014898	0.748305	0.182825	95.33204	0.708125	101.4841	3.952948	249.5117	92.65872	95.33204	0.708125	38.20745
071819BK-02 231	429.4236	40280.77	1.392563	8.706647	0.697806	5.255126	0.938274	0.332273	0.609571	0.649673	1849.391	9.800431	1861.605	8.004161	1876.041	12.85913	1876.041	12.85913	98.57946
071819BK-02 232	203.9558	1866.307	2.445993	14.18801	7.204652	0.269189	10.58694	0.031071	1.689203	0.159555	197.2484	3.281466	242.0452	22.80365	703.5716	222.9753	197.2484	3.281466	28.03529
071819BK-02 233	321.0057	2970.198	2.408263	14.84815	6.716085	0.269075	8.471827	0.031139	1.929876	0.227799	197.671	3.756909	241.954	18.24064	698.0394	175.9851	197.671	3.756909	28.31802
071819BK-02 234	609.3196	24359.72	1.945577	12.55835	0.757876	2.158077	1.018845	0.197612	0.664925	0.652626	1162.478	7.072745	1167.653	7.069512	1178.144	15.27148	1178.144	15.27148	98.67033
071819BK-02 235	1541.174	100599.2	6.521009	12.68328	0.596583	2.136359	0.88141	0.19648	0.63893	0.724895	1156.385	6.763712	1160.646	6.09623	1169.452	12.04047	1169.452	12.04047	98.88266
071819BK-02 237	808.7139	18342.04	1.933488	17.77564	1.40171	0.554928	1.886736	0.072423	0.703084	0.372646	450.7367	3.060804	448.2197	6.837131	436.2719	39.00446	450.7367	3.060804	103.3156
071819BK-02 238	639.8325	15833.4	2.175782	17.43009	2.194153	0.42604	2.45993	0.054427	0.698734	0.284046	341.6431	2.325022	360.3608	7.462411	483.6765	52.11256	341.6431	2.325022	70.63463
071819BK-02 239	291.9508	4481.917	2.565017	17.88555	2.810475	0.421255	5.276801	0.057632	0.911008	0.172644	361.206	3.200125	356.948	15.88214	330.3228	117.9457	361.206	3.200125	109.3494
071819BK-02 240	413.2189	3521.283	1.873712	17.10545	5.718827	0.234118	8.682027	0.031049	1.199619	0.138173	197.1111	2.328798	213.5928	16.72511	400.4061	192.9645	197.1111	2.328798	49.2278
071819BK-02 241	283.0566	1014.276	2.729323	12.18607	13.22628	0.125638	16.33888	0.013331	3.722323	0.22782	85.36995	3.156797	120.1707	18.51924	880.1434	331.0883	85.36995	3.156797	9.699549
071819BK-02 242	203.092	1547.901	3.526907	11.29948	12.66177	0.239367	14.52553	0.021727	3.013256	0.207446	138.5632	4.130711	217.9016	28.49308	1195.421	281.6739	138.5632	4.130711	11.59116
071819BK-02 243	411.3701	1580.264	1.771063	15.32581	7.143656	0.112433	13.05316	0.014459	1.48579	0.113826	92.53892	1.365112	108.1884	13.39647	469.0383	288.161	92.53892	1.365112	19.7295
071819BK-02 244	433.8161	1623.993	5.508614	13.58014	8.069682	0.139907	15.47878	0.015483	1.326934	0.085726	99.04452	1.304211	132.9606	19.29246	792.5032	325.2987	99.04452	1.304211	12.49768
071819BK-02 245	186.1717	1081.198	4.751811	9.226573	10.81651	0.271858	13.06329	0.020427	1.888241	0.144546	130.3511	2.436625	244.1781	28.35952	1558.838	243.5245	130.3511	2.436625	8.362068
071819BK-02 246	599.6119	5471.665	2.958858	17.45825	2.600178	0.224598	5.258256	0.029531	0.999327	0.190049	187.6128	1.847846	205.7297	9.792598	419.6728	115.3451	187.6128	1.847846	44.70454
071819BK-02 247	934.1284	4482.106	7.541783	16.36255	5.314527	0.120759	7.218012	0.014984	1.022949	0.141722	95.87919	0.973537	115.7602	7.897041	547.5751	156.2613	95.87919	0.973537	17.50978
071819BK-02 248	230.5541	2077.18	2.229365	15.85431	5.891951	0.453325	10.07417	0.05806	0.882459	0.087596	363.8145	3.1216	379.6049	31.91751	478.0295	222.3357	363.8145	3.1216	76.10711
071819BK-02 249	3336.344	11511.43	1.690449	19.88436	1.207007	0.096359	1.941797	0.014087	0.675569	0.347909	90.1788	0.604979	93.40969	1.732898	177.7196	42.4663	90.1788	0.604979	50.74217
071819BK-02 250	492.7422	5135.551	4.447956	17.22694	2.762011	0.244852	4.381388	0.03178	0.981107	0.223926	201.6767	1.948032	222.3858	8.750609	448.5356	94.92979	201.6767	1.948032	44.96336
071819BK-02 251	284.6091	1944.113	3.998342	11.9621	8.315484	0.192332	9.525665	0.018066	2.558112	0.268549	115.4204	2.926308	178.6172	15.60321	1127.555	183.1702	115.4204	2.926308	10.23635
071819BK-02 252	149.3766	1211.201	1.630077	9.129521	15.40063	0.401951	16.90289	0.029214	1.706722	0.100972	185.6261	3.122944	343.0622	49.24605	1620.946	315.2118	185.6261	3.122944	11.45171
071819BK-02 253	4197.403	14813.7	1.306191	19.42022	2.021047	0.081219	2.173179	0.011465	0.683487	0.31451	73.48755	0.499426	79.29069	1.657569	258.8709	47.41282	73.48755	0.499426	28.38773
071819BK-02 254	306.694	2613.547	3.801243	15.11463	7.636816	0.274856	8.09902	0.032325	1.398165	0.172634	205.085	2.822295	246.5686	17.7317	663.5355	171.1394	205.085	2.822295	30.90791
071819BK-02 255	670.6925	5529.088	2.140492	17.57983	3.788343	0.221761	4.422811	0.029146	0.819566	0.185304	185.2001	1.496241	203.3744	8.151481	420.6068	97.0504	185.2001	1.496241	44.03164
071819BK-02 256	276.8302	6114.772	1.977403	15.33209	5.917562	0.522082	6.068001	0.059205	0.75944	0.125155	370.7916	2.736484	426.5415	21.1368	741.0508	127.4606	370.7916	2.736484	50.03592
071819BK-02 257	164.794	18445.86	2.17224	7.738493	0.649707	6.783548	0.990156	0.376096	0.692324	0.699207	2058.019	12.1977	2083.579	8.762412	2109.684	12.41776	2109.684	12.41776	97.55102
071819BK-02 258	1267.866	9461.957	3.031421	18.34546	2.364782	0.227419	2.806539	0.030706	0.630602	0.22469	194.9667	1.211058	208.0654	5.280051	360.095	61.71705	194.9667	1.211058	54.14314
071819BK-02 259	835.2854	6216.061	1.857089	17.67041	2.536434	0.220698	3.722336	0.029097	0.847947	0.2278	184.893	1.545525	202.4908	6.833492	413.636	81.04666	184.893	1.545525	44.69944
071819BK-02 260	790.513	2799.02	2.289536	15.73035	4.22167	0.124089	5.784316	0.015202	1.1325	0.195788	97.26193	1.093223	118.7725	6.483671	575.4127	123.3885	97.26193	1.093223	16.90299
071819BK-02 261	304.7047	2110.627	4.028172	12.137	13.41595	0.202864	13.87266	0.019176	1.402461	0.101095	122.4476	1.701074	187.5466	23.76058	1114.915	276.7426	122.4476	1.701074	10.98268

071819BK-02 262	86.04596	900.7934	2.564298	10.13765	15.44586	0.405277	17.50947	0.035042	2.67172	0.152587	222.0286	5.83099	345.4683	51.31715	1290.606	339.2274	222.0286	5.83099	17.20344
071819BK-02 263	196.9815	3327.167	2.725105	15.20062	9.196415	0.269041	10.06592	0.031504	1.211733	0.12038	199.9526	2.385701	241.9264	21.67163	672.9052	214.222	199.9526	2.385701	29.71482
071819BK-02 264	102.0372	699.2266	5.807445	8.033248	22.81132	0.272515	26.13784	0.018687	6.722322	0.257187	119.3536	7.949515	244.7028	56.89602	1728.452	471.5019	119.3536	7.949515	6.905229
071819BK-02 265	2073.499	8240.223	5.096713	19.69222	2.324649	0.093417	2.692635	0.013716	0.737758	0.273991	87.81973	0.643504	90.68175	2.335875	167.6582	60.50021	87.81973	0.643504	52.38023
071819BK-02 266	299.2394	4687.219	2.431423	14.97841	9.151818	0.377421	9.904688	0.042633	0.926608	0.093552	269.135	2.442486	325.1387	27.56365	749.3225	208.8018	269.135	2.442486	35.91711
071819BK-02 267	757.1841	4403.06	1.873415	17.69974	3.838273	0.166269	4.763578	0.022495	0.88697	0.186198	143.4021	1.257891	156.1754	6.895748	355.6259	105.7613	143.4021	1.257891	40.32386
071819BK-02 268	677.7305	2104.98	2.063357	15.46958	7.19596	0.135331	9.109441	0.016865	0.927964	0.101868	107.8152	0.992167	128.8765	11.02587	538.12	198.6203	107.8152	0.992167	20.03554
071819BK-02 269	445.6845	6003.935	1.580294	17.72403	3.774213	0.437798	4.361831	0.0582	0.74452	0.17069	364.6669	2.639654	368.6988	13.48654	395.0799	96.43364	364.6669	2.639654	92.30207
071819BK-02 270	173.4908	3262.406	3.109986	13.54881	10.27951	0.539794	10.84081	0.05581	1.252185	0.115507	350.092	4.266888	438.2888	38.60702	933.6087	221.5346	350.092	4.266888	37.49879
071819BK-02 271	1775.034	12769.24	2.362528	19.95701	1.595902	0.132214	2.095118	0.019383	0.760311	0.362896	123.7583	0.931973	126.085	2.484207	171.171	45.58596	123.7583	0.931973	72.30098
071819BK-02 272	1548.144	8522.591	2.859194	18.69944	3.199993	0.110474	3.722754	0.01532	0.847861	0.227751	98.00892	0.824694	106.3987	3.760515	299.5368	82.70115	98.00892	0.824694	32.72015
071819BK-02 273	317.667	2128.871	3.755284	14.77043	7.197722	0.228452	7.712699	0.026926	1.17522	0.152375	171.2835	1.986452	208.9199	14.56474	658.8986	163.6555	171.2835	1.986452	25.99543
071819BK-02 274	132.5365	760.5864	4.149388	8.359576	28.13694	0.256863	32.49316	0.018155	3.158807	0.097215	115.9865	3.631026	232.1358	67.52663	1672.686	614.7664	115.9865	3.631026	6.934144
071819BK-02 275	509.2919	1681.692	3.176223	14.95141	6.503444	0.131231	8.470683	0.016176	1.399878	0.165261	103.4415	1.436498	125.2031	9.978083	562.0904	182.3204	103.4415	1.436498	18.403
071819BK-02 276	444.9933	1397.945	2.736415	13.42917	18.16064	0.121932	21.09023	0.013647	1.635923	0.077568	87.37683	1.419774	116.8221	23.27763	768.8288	447.3951	87.37683	1.419774	11.36493
071819BK-02 277	149.2882	1858.801	1.383895	13.95252	6.31728	0.51514	11.73027	0.057848	1.48583	0.126666	362.5225	5.23781	421.8995	40.51731	761.7769	246.0765	362.5225	5.23781	47.58906
071819BK-02 278	282.6883	917.8104	3.812055	11.75131	11.62956	0.129829	12.27418	0.013465	2.014583	0.164132	86.21929	1.725395	123.9443	14.32224	927.2444	249.5346	86.21929	1.725395	9.298443
071819BK-02 279	211.7723	488.2394	1.927581	15.71139	14.81446	0.149219	30.87886	0.032785	2.810566	0.091019	207.9549	5.751445	141.222	40.73288	NA	NA	207.9549	5.751445	NA
071819BK-02 280	654.0222	1307.03	5.191034	18.51742	4.266923	0.193419	9.154683	0.032784	2.50994	0.27417	207.9459	5.136034	179.5421	15.06644	NA	NA	207.9459	5.136034	NA
071819BK-02 281	312.4727	417.7933	2.711566	12.33442	5.569558	0.117445	23.64252	0.01859	2.65484	0.112291	118.741	3.123527	112.753	25.23604	NA	NA	118.741	3.123527	NA
071819BK-02 282	2268.836	5068.022	1.266012	20.14352	2.9579	0.198717	4.225327	0.030744	2.405985	0.56942	195.2053	4.626215	184.0396	7.112377	44.02755	NA	195.2053	4.626215	443.3709
071819BK-02 283	653.3264	7600.395	2.019682	13.08617	2.792334	1.962783	3.749816	0.190363	2.398323	0.639584	1123.342	24.72472	1102.837	25.2291	1063.503	58.00287	1063.503	58.00287	105.6266
071819BK-02 286	229.9163	1387.681	0.962363	17.57034	5.353836	0.571298	8.813634	0.089206	2.428534	0.275543	550.8415	12.82179	458.8539	32.54902	21.95658	NA	550.8415	12.82179	2508.777
071819BK-02 287	467.3521	5546.768	3.151094	17.29222	4.193746	0.24588	4.907478	0.032207	1.09341	0.222805	204.3466	2.199304	223.2241	9.834429	428.1277	106.7033	204.3466	2.199304	47.73029
071819BK-02 288	371.1093	1716.968	1.75874	12.42998	14.61549	0.157133	15.92905	0.015752	1.720034	0.107981	100.7554	1.719555	148.1904	21.96703	996.5736	323.6986	100.7554	1.719555	10.11019
071819BK-02 289	985.8732	9786.569	2.08044	17.99639	2.867961	0.229985	3.290179	0.030752	0.878574	0.267029	195.2508	1.689704	210.1866	6.246767	382.0422	71.28638	195.2508	1.689704	51.10713
071819BK-02 290	670.655	6299.376	5.785549	17.56189	3.998728	0.208315	4.209694	0.027574	0.854032	0.202873	175.3478	1.477342	192.1376	7.369333	404.6978	92.30537	175.3478	1.477342	43.32808
071819BK-02 291	719.0807	14757.4	2.116862	18.39279	2.380163	0.422887	2.827361	0.05728	1.069107	0.378129	359.061	3.733797	358.1137	8.532489	352.9842	59.13303	359.061	3.733797	101.7216
071819BK-02 292	1791.826	25202.64	0.90124	18.25976	1.007307	0.416531	1.409138	0.055578	0.805527	0.571645	348.6796	2.734101	353.5677	4.207339	386.7449	25.96699	348.6796	2.734101	90.15753
071819BK-02 293	970.8114	17604.46	6.035375	17.97468	1.865564	0.562144	2.319834	0.07416	0.819305	0.353174	461.1675	3.646385	452.9209	8.476634	412.2276	48.52976	461.1675	3.646385	111.8721
071819BK-02 294	317.5674	2537.786	5.190845	15.35352	8.244998	0.225412	9.21752	0.027433	1.1371	0.123363	174.4648	1.957235	206.404	17.2179	589.796	198.7591	174.4648	1.957235	29.58054
071819BK-02 295	149.3699	28578.67	1.644138	4.679328	0.75875	16.90822	1.118956	0.573113	0.805405	0.719782	2920.59	18.91534	2929.644	10.72765	2936.557	12.55303	2936.557	12.55303	99.45629
071819BK-02 296	489.2827	5067.586	1.931903	16.91443	3.178961	0.240349	3.636378	0.030897	0.828864	0.227937	196.1587	1.601401	218.7061	7.154914	469.8474	78.41699	196.1587	1.601401	41.74945
071819BK-02 297	454.49	3580.849	2.340269	17.37789	4.797153	0.209672	7.518006	0.028358	1.01103	0.134481	180.2651	1.797288	193.2777	13.23216	356.3016	168.4122	180.2651	1.797288	50.5934
071819BK-02 298	1288.145	12629.01	1.968404	19.26249	2.247228	0.21265	2.602467	0.030294	0.684247	0.262922	192.39	1.296972	195.7744	4.633924	237.7871	57.9182	192.39	1.296972	80.90851
071819BK-02 299	63.01267	12269.43	0.722258	5.569844	1.246594	12.70569	1.494461	0.514496	0.761538	0.509574	2675.795	16.67725	2658.081	14.06824	2645.335	21.34162	2645.335	21.34162	101.1514
071819BK-02 301	771.1656	9263.532	2.962291	18.4482	2.398951	0.28892	3.602415	0.039893	0.933733	0.259197	252.1666	2.309106	257.7088	8.199445	309.4276	79.23782	252.1666	2.309106	81.49454
071819BK-02 302	760.9187	9891.582	2.345932	18.7566	1.810416	0.377648	3.200427	0.053203	0.782254	0.244422	334.1551	2.54735	325.3059	8.908358	263.4282	71.2357	334.1551	2.54735	126.8487
071819BK-02 303	457.91	2059.081	2.360336	18.45378	3.674028	0.123276	10.26898	0.019153	1.32888	0.129407	122.303	1.60994	118.0377	11.44374	33.91209	NA	122.303	1.60994	360.6473
071819BK-02 304	295.137	389.8492	1.637137	13.90923	10.60564	0.12896	91.79391	0.028201	1.406143	0.015318	179.2781	2.486176	123.1626	106.8609	NA	NA	179.2781	2.486176	NA
071819BK-02 305	2067.346	7320.787	3.457476	18.68412	2.747594	0.098312	2.939589	0.013942	0.844163	0.28717	89.25228	0.748243	95.21662	2.671756	248.309	64.83268	89.25228	0.748243	35.94403
071819BK-02 306	397.0894	31243.71	2.435309	9.165636	0.805204	4.495882	1.110522	0.302241	0.756463	0.681177	1702.413	11.31797	1730.212	9.22458	1764.776	14.85786	1764.776	14.85786	96.4662
071819BK-02 307	97.17117	1234.881	2.663608	10.2054	14.7564	0.401569	17.76759	0.033862	3.194834	0.179812	214.6734	6.745519	342.7854	51.7344	1339.223	340.3808	214.6734	6.745519	16.02969
071819BK-02 308	730.9911	96244.1	11.08375	4.361364	0.605169	17.6582	0.882423	0.561452	0.640583	0.725937	2872.625	14.84835	2971.301	8.47995	3039.482	9.720521	3039.482	9.720521	94.51035
071819BK-02 309	418.0575	2899.176	1.226896	16.22696	5.326436	0.222674	9.166297	0.028668	1.081659	0.118004	182.2042	1.943236	204.1331	16.95209	466.53	201.9808	182.2042	1.943236	39.05518
071819BK-02 310	1541.045	2863.006	2.679522	17.48601	1.286293	0.375689	1.797979	0.052568	0.806969	0.44882	330.2708	2.59806	323.8614	4.985703	279.0501	36.7836	330.2708	2.59806	118.3554
071819BK-02 311	210.7964	1362.097	2.921893	14.74291	4.486624	0.174949	6.968705	0.022313	2.213532	0.317639	142.2604	3.114489	163.7045	10.53633	487.2285	145.9926	142.2604	3.114489	29.19789
071819BK-02 312	412.0949	1231.449	2.355461	12.14923	11.44888	0.135641	14.41858	0.014021	1.88881	0.130998	89.75729	1.683597	129.1541	17.48823	934.0329	294.6947	89.75729	1.683597	9.609649
071819BK-02 313	922.7209	17518.58	2.5578	18.38869	1.501165	0.437716	1.859528	0.059752	0.821318	0.441681	374.1186	2.985241	368.6407	5.748529	335.3074	37.80131	374.1186	2.985241	111.5748
071819BK-02 314	725.9337	7602.911	3.555967	18.77478	3.170114	0.218014	4.127566	0.031045	1.055766	0.255784	197.0827	2.049247	200.2556	7.501776	238.8141	92.06341	197.0827	2.049247	82.52557
071819BK-02 315	183.1389	1198.453	4.620808	9.846035	15.58689	0.233939	19.26876	0.01902	2.710785	0.140683	121.4566	3.261604	213.4455	37.10961	1409.434	368.4848	121.4566	3.261604	8.617399
071819BK-02 316	557.3601	4865.271	2.816973	17.02282	6.063623	0.235682	7.415392	0.030904	0.921102	0.124215	196.2035	1.780009	214.8786	14.36193	425.7632	164.3271	196.2035	1.780009	46.08279
071819BK-02 317	544.702	4233.655	2.209739	17.3239	4.194343	0.215212	7.247506	0.028987	1.367238	0.188649	184.2043	2.482868	197.9167	13.03336	365.6248	160.6161	184.2043	2.482868	50.3807
071819BK-02 318	604.5961	3755.691	5.056348	15.72417	4.582728	0.221387	5.358674	0.027037	0.908857	0.169605	171.9756	1.542346	203.0634	9.862783	582.2666	114.7468	171.9756	1.542346	29.53553
071819BK-02 319	613.546	56532.48	1.68676	9.868616	0.791283	3.957319	1.107201	0.285455	0.770153	0.695585	1618.778	11.02495	1625.491	8.974742	1634.983	14.77544	1634.983	14.77544	99.00888
071819BK-02 320	740.7494	6355.992	2.474071	17.62892	4.408459	0.232596	4.782539	0.031163	0.901406	0.188479	197.8224	1.756101	212.3391	9.163914	377.5446	105.725	197.8224	1.756101	52.39711
071819BK-02 321	94.54877	444.1904	2.448531	6.651654	35.15213	0.222603	42.37294	0.01351	6.405199	0.151162	86.50527	5.503825	204.0741	78.49253	1949.607	786.7868	86.50527	5.503825	4.437061
071819BK-02 322	1201.988	7858.022	1.929946	19.11642	2.190989	0.203643	3.386196	0.029439	0.980023	0.289417	187.0348	1.806649	188.204	5.817258	203.8865	75.24168	187.0348	1.806649	91.73476
071819BK-02 323	126.1001	1333.09	4.041596	13.02618	8.139867	0.339049	9.751582	0.037477	1.966754	0.201686	237.1752	4.579886	296.4507	25.07604	794.9763	200.7105	237.1752	4.579886	29.83425
071819BK-02 324	299.2936	1488.728	6.303608	12.0496	11.28127	0.186077	14.9809	0.018464	2.695016	0.179897	117.9435	3.149695	173.2765	23.86866	1017.309	300.0242	117.9435	3.149695	11.59368
071819BK-02 325	354.2552	3246.063	2.986057	17.84339	4.531107	0.225162	6.792602	0.031829	1.008843	0.148521	201.9881	2.00615	206.1972	12.67625	255.5899	154.5764	201.9881	2.00615	79.02822
071819BK-02 326	266.9951	3799.67	8.380064	15.83887	4.472163	0.413276	4.942815	0.050747	1.023204	0.207008	319.1054	3.185604	351.2317	14.67736	570.4578	105.2771	319.1054	3.185604	55.93848
071819BK-02 327	463.636	4006.736	2.888816	15.64133	5.979798	0.265239	7.482122	0.032031	1.046992	0.139933	203.2494	2.094808	238.8803	15.92779	606.5371	160.4238	203.2494	2.094808	33.5098
071819BK-02 328	830.3774	8628.121	7.479761	18.39495	2.725364	0.260238	2.97344	0.03587	1.033253	0.347494	227.1848	2.306513	234.8585	6.234653	313.3365	63.44709	227.1848	2.306513	72.50506
071819BK-02 329	667.5453	6104.037	2.019974	17.84216	4.399975	0.176674	4.78125	0.023808	0.856471	0.179131	151.6807	1.283937	165.1945	7.289461	364.4643	106.1223	151.6807	1.283937	41.61744
071819BK-02 330	308.8613	1969.56	3.573413	15.46732	4.55045	0.250727	7.372187	0.031658	1.100953	0.149339	200.9154	2.177869	227.1662	15.00707	509.4265	160.4545	200.9154	2.177869	39.43952
071819BK-02 331	515.5971	1824.048	2.581687	15.67035	7.856255	0.123076	9.140336	0.015944	1.495074	0.163569	101.9711	1.512549	117.8571	10.17119	452.7339	200.5618	101.9711	1.512549	22.52341
071819BK-02 332	1831.405	5822.831	4.850923	16.20687	1.467873	0.27048	4.025915	0.033028	1.079792	0.26821	209.4705	2.225492	243.0776	8.703076	582.5749	84.25474	209.4705	2.225492	35.95597
071819BK-02 333	221.9916	27065.55	1.982443	6.772557	0.759423	8.751148	1.075665	0.429946	0.744534	0.692161	2305.476	14.43104	2312.418	9.802341	2319.287	13.31456	2319.287	13.31456	99.40451
071819BK-02 334	682.3633	2647.467	2.761895	16.65832	4.505247	0.098669	6.100751	0.013075	1.440892	0.236183	83.73763	1.198766	95.54708	5.563291	402.3084	132.8969	83.73763	1.198766	20.81429
071819BK-02 335	319.2929	5188.297	1.74525	17.35099	5.148775	0.235689	7.077521	0.031052	1.335776	0.188735	197.1261	2.59331	214.8839	13.70778	415.1902	155.4773	197.1261	2.59331	47.4785
071819BK-02 336	1221.935	15900.06	2.385735	18.55414	1.441436	0.407762	2.118536	0.055589	0.641513	0.30281	348.7449	2.177805	347.2622	6.230869	338.32	45.72768	348.7449	2.177805	103.0814
071819BK-02 337	219.4245	21579.91	1.890157	8.803983	0.841953	5.076391	1.105734	0.324563	0.66876	0.60481	1811.977	10.56368	1832.168	9.379991	1855.959	15.91162	1855.959	15.91162	97.63023
071819BK-02 338	376.2278	75666.74	1.129601	5.344537	0.598229	13.53541	0.885415	0.523929	0.651947	0.736319	2715.822	14.44904	2717.762	8.372025	2719.91	9.874793	2719.91	9.874793	99.84971
071819BK-02 339	624.9081	4660.385	2.252376	19.06032	3.700166	0.198566	4.177358	0.029084	1.060568	0.253885	184.8121	1.932228	183.9121	7.027184	173.3591	94.32289	184.8121	1.932228	106.6065
071819BK-02 340	1165.117	4675.638	5.306103	17.49746	3.555061	0.115972	4.243275	0.015505	0.756588	0.178303	99.18236	0.744658	111.4133	4.477466	382.3415	93.85667	99.18236	0.744658	25.94078
071819BK-02 341	477.263	5072.501	2.071235	18.00414	2.692804	0.436692	4.443493	0.059892	0.629386	0.141642	374.9673	2.292667	367.9169	13.71488	324.6959	99.91855	374.9673	2.292667	115.4826
071819BK-02 342	251.4856	29183.99	2.326794	8.874319	0.763198	5.088203	1.023291	0.327457	0.670181	0.654927	1826.043	10.65723	1834.14	8.6839	1844.115	13.99283	1844.115	13.99283	99.02003
071819BK-02 343	669.8151	13343.58	2.188555	18.42878	2.631067	0.487575	3.236019	0.066231	0.702558	0.217106	413.4077	2.81326	403.2564	10.7701	346.5046	71.46346	413.4077	2.81326	119.308
071819BK-02 344	649.5943	5425.096	1.502268	17.40482	3.674435	0.216194	5.450003	0.028558	0.768687	0.141043	181.5177	1.375842	198.7373	9.837421	409.3139	120.7943	181.5177	1.375842	44.34682
071819BK-02 345	1036.413	3769.261	5.401946	16.3009	5.587223	0.107225	7.775296	0.013473	0.890391	0.114515	86.2704	0.763027	103.4237	7.645661	520.161	169.7551	86.2704	0.763027	16.58533
071819BK-02 346	230.8901	3312.535	2.661179	15.66118	10.22301	0.297542	11.08182	0.036135	1.448806	0.130737	228.8286	3.257131	264.4789	25.80845	594.4285	238.7671	228.8286	3.257131	38.49557
071819BK-02 347	707.525	5165.986	2.101773	18.00266	3.643276	0.212824	4.322356	0.02916	0.719614	0.166487	185.2864	1.314367	195.92	7.701623	326.9847	96.77379	185.2864	1.314367	56.66514
071819BK-02 348	116.4853	1213.285	2.8015	14.55569	9.756595	0.267422	12.01314	0.034067	1.479765	0.123179	215.9547	3.14269	240.6307	25.74279	489.8807	263.8012	215.9547	3.14269	44.08313
071819BK-02 349	212.6797	2040.788	3.564016	15.48755	9.594186	0.245368	10.55262	0.030855	1.414559	0.134048	195.8945	2.729364	222.8066	21.11412	518.4199	230.1008	195.8945	2.729364	37.78684
071819BK-02 350	587.6979	2558.758	2.993654	15.42298	6.735578	0.109964	10.81014	0.013395	1.445766	0.133742	85.77803	1.231935	105.9323	10.87474	587.7762	233.0369	85.77803	1.231935	14.59365
071819BK-02 351	546.5973	2671.766	2.325723	14.11341	11.21158	0.127534	11.89571	0.01404	1.399328	0.117633	89.87823	1.248964	121.8791	13.66287	803.4689	248.2056	89.87823	1.248964	11.18627
071819BK-02 352	311.9995	2558.678	1.88109	15.3599	6.916841	0.256134	9.482968	0.031046	1.428426	0.150631	197.0944	2.772744	231.5465	19.63629	598.5663	203.4257	197.0944	2.772744	32.92775
071819BK-02 353	323.6556	31716.16	1.546617	5.776741	0.774599	11.71036	1.11274	0.489779	0.789011	0.70907	2569.719	16.72169	2581.528	10.41001	2591.526	13.08841	2591.526	13.08841	99.15854
071819BK-02 354	377.8633	2250.9	1.942268	13.36279	8.181705	0.171625	9.614564	0.018112	1.620432	0.168539	115.714	1.858338	160.8286	14.30148	891.3875	196.1315	115.714	1.858338	12.98133
071819BK-02 355	148.1464	653.1259	2.140979	8.73129	15.7565	0.191683	20.43837	0.014852	4.639826	0.227015	95.03754	4.377232	178.0647	33.39308	1500.973	380.1002	95.03754	4.377232	6.331731
071819BK-02 356	228.3081	2152.158	1.827339	13.12612	11.15897	0.332205	11.54219	0.034518	1.469232	0.127292	218.7645	3.160233	291.2479	29.23299	923.3948	235.9828	218.7645	3.160233	23.69133
071819BK-02 357	56.46435	4981.274	0.938165	8.252291	2.729574	5.969653	3.120435	0.363678	0.966863	0.309849	1999.585	16.62223	1971.433	27.14479	1942.781	53.06899	1942.781	53.06899	102.9238
071819BK-02 358	603.9448	3367.35	1.371864	17.18495	5.709486	0.174183	6.498764	0.023326	1.030931	0.158635	148.6423	1.514867	163.0424	9.789115	378.5834	144.4336	148.6423	1.514867	39.26275
071819BK-02 359	166.199	2069.284	2.990222	14.39706	10.55098	0.417761	13.48238	0.048218	1.444384	0.107131	303.5739	4.283133	354.4485	40.35986	703.6388	286.4686	303.5739	4.283133	43.14343
071819BK-02 360	618.3765	5110.401	2.400174	18.29102	4.475029	0.222963	5.121378	0.031036	0.851433	0.166251	197.0279	1.652183	204.3726	9.480873	290.9316	115.4259	197.0279	1.652183	67.72308
071819BK-02 361	194.086	12989.44	1.180746	9.766888	1.016755	3.908014	1.381314	0.278097	0.912211	0.660393	1581.771	12.79518	1615.342	11.16838	1660.166	19.20525	1660.166	19.20525	95.27787
071819BK-02 362	849.8577	6827.391	3.380752	18.85261	2.222222	0.218116	2.803344	0.030788	1.034461	0.36901	195.4763	1.991775	200.3408	5.096937	259.0051	59.88221	195.4763	1.991775	75.47198
071819BK-02 363	714.5701	8563.455	2.388693	17.83784	2.830252	0.222565	3.943758	0.029366	0.945334	0.239704	186.5781	1.738505	204.0428	7.290097	411.8951	85.62165	186.5781	1.738505	45.29747
071819BK-02 364	536.9066	9447.695	5.592546	18.1417	2.951298	0.433385	3.267294	0.058013	0.876376	0.268227	363.5284	3.097711	365.5773	10.03098	379.5506	70.78588	363.5284	3.097711	95.77866
071819BK-02 365	865.1035	5158.657	2.248255	17.27116	4.206009	0.121763	5.731322	0.015858	0.90314	0.15758	101.4235	0.908828	116.6688	6.316892	440.947	126.0188	101.4235	0.908828	23.0013
071819BK-02 366	222.6099	2411.507	5.325865	11.46198	7.769014	0.377628	8.238545	0.033274	1.505268	0.18271	211.0038	3.124755	325.2911	22.93434	1253.784	158.6816	211.0038	3.124755	16.82936
071819BK-02 367	162.1531	1600.536	3.009261	10.07606	15.77	0.449436	16.79555	0.035603	1.817156	0.108193	225.5182	4.027165	376.8844	52.9281	1458.993	319.6751	225.5182	4.027165	15.45711
071819BK-02 368	320.08	31079.7	1.251273	8.788952	0.968874	4.693578	1.366116	0.2959	0.931116	0.681579	1670.948	13.70555	1766.095	11.43549	1881.314	18.00851	1881.314	18.00851	88.81811

071819BK-02 369	649.0323	5815.522	4.173672	17.1705	5.508002	0.20258	5.709187	0.025973	1.038169	0.181842	165.2937	1.694215	187.307	9.76563	475.7492	124.2269	165.2937	1.694215	34.74388
071819BK-02 370	836.3321	13408.24	1.975339	18.4342	2.069163	0.491012	2.337038	0.065999	0.955448	0.408828	412.0069	3.813352	405.6001	7.814757	370.2381	48.02163	412.0069	3.813352	111.2816
071819BK-02 371	483.5606	3972.257	2.14021	17.10655	4.337434	0.243345	4.77525	0.03174	1.13567	0.237824	201.4312	2.252222	221.1561	9.490079	437.5604	103.2957	201.4312	2.252222	46.03505
071819BK-02 372	247.9165	3502.416	2.693109	15.76264	10.14489	0.294341	11.14897	0.035468	1.645486	0.147591	224.682	3.633423	261.9704	25.74896	611.2555	238.9506	224.682	3.633423	36.75746
071819BK-02 373	386.8279	19774.73	5.221136	13.89144	1.404619	1.575586	1.915278	0.158839	0.915286	0.477887	950.3193	8.08739	960.6305	11.89728	985.1766	34.22763	985.1766	34.22763	96.46182
071819BK-02 374	187.5379	1509.904	2.182664	8.019734	9.904797	0.2252	11.05577	0.013984	3.59217	0.324914	89.52331	3.193603	206.2281	20.63666	1908.53	188.2836	89.52331	3.193603	4.690695
071819BK-02 375	527.9533	4367.117	2.380859	15.84477	6.214332	0.245476	7.08133	0.029513	1.14321	0.16144	187.4998	2.112644	222.8945	14.1725	616.1523	151.0425	187.4998	2.112644	30.43076
071819BK-02 376	247.5237	6181.447	4.073707	9.016119	0.868644	4.862393	1.534143	0.321489	0.764619	0.498402	1796.998	11.99132	1795.764	12.92094	1795.106	24.21171	1795.106	24.21171	100.1054
071819BK-02 377	323.8769	649.9865	2.520797	15.16124	6.063356	0.155702	36.80369	0.025941	1.365744	0.037109	165.0925	2.226113	146.9344	50.38798	NA	NA	165.0925	2.226113	NA
071819BK-02 378	338.3189	798.8164	3.095232	14.94795	4.180593	0.209286	38.02124	0.031051	1.2249	0.032216	197.1256	2.378047	192.9536	66.91075	143.2211	NA	197.1256	2.378047	137.6372
071819BK-02 379	386.9686	329.5585	2.88594	13.87514	8.732213	0.043522	120.979	0.011946	1.770492	0.014635	76.54981	1.347293	43.25702	51.27638	NA	NA	76.54981	1.347293	NA
071819BK-02 381	2786.84	3777.076	2.737592	19.14355	2.100706	0.108014	5.67846	0.015987	0.744554	0.131119	102.2407	0.755232	104.1466	5.620799	148.9737	132.0482	102.2407	0.755232	68.63001
071819BK-02 382	740.5623	3038.756	2.006045	18.20815	1.5588	0.399481	5.127489	0.05705	0.783918	0.152885	357.6614	2.727412	341.2715	14.86259	232.0738	117.0402	357.6614	2.727412	154.1154
071819BK-02 383	147.799	353.0783	3.051716	8.092368	14.89933	0.357901	26.12999	0.030585	1.765658	0.067572	194.2068	3.377891	310.6465	70.04097	1313.41	514.4619	194.2068	3.377891	14.78646
071819BK-02 384	418.4935	2100.388	2.348013	13.5868	12.7439	0.125368	13.39335	0.013399	2.043719	0.152592	85.80173	1.741928	119.9272	15.1511	865.2094	275.6189	85.80173	1.741928	9.916876
071819BK-02 385	569.6946	4825.192	3.756617	17.83166	2.238014	0.242704	4.688472	0.032637	1.017373	0.216995	207.0335	2.07284	220.6326	9.297865	369.2473	103.1506	207.0335	2.07284	56.06907
071819BK-02 386	562.7407	3996.319	4.250768	18.23468	3.218204	0.227452	3.666834	0.031709	1.180137	0.321841	201.2332	2.338143	208.093	6.899424	287.5175	79.37002	201.2332	2.338143	69.98991
071819BK-02 388	445.5175	28332.69	2.46643	9.173048	0.660826	4.738333	0.939832	0.311703	0.652701	0.694487	1749.081	9.998577	1774.046	7.880043	1804.328	12.29731	1804.328	12.29731	96.93812
071819BK-02 389	1603.143	21437.96	1.889713	18.94029	2.005924	0.301454	2.263126	0.041508	0.724864	0.320293	262.1752	1.862286	267.5352	5.322733	315.6898	48.76189	262.1752	1.862286	83.04833
071819BK-02 390	578.7754	3350.163	6.652367	17.9832	3.914508	0.211259	6.092724	0.029593	0.850627	0.139614	187.9992	1.576078	194.6085	10.79035	276.5446	138.2827	187.9992	1.576078	67.98151
071819BK-02 391	56.84777	320.1758	2.541883	5.568734	36.79218	0.356942	39.38374	0.018456	6.169284	0.156645	117.8898	7.20686	309.929	105.5709	2231.267	703.2807	117.8898	7.20686	5.283537
071819BK-02 392	270.8369	5473.905	4.408093	16.60848	4.702357	0.579063	4.834721	0.072195	0.752153	0.155573	449.3672	3.264813	463.8592	18.00418	537.2077	104.5769	449.3672	3.264813	83.64868
071819BK-02 393	186.5828	32836.54	3.470594	4.612499	0.663003	17.33452	0.971129	0.574662	0.708412	0.729472	2926.936	16.66595	2953.532	9.323118	2972.389	10.70465	2972.389	10.70465	98.47082
071819BK-02 394	494.7576	1765.706	4.009088	13.97146	9.30352	0.114836	10.77423	0.013043	2.312856	0.214666	83.53551	1.919592	110.3798	11.26943	737.7973	223.28	83.53551	1.919592	11.32229
071819BK-02 395	2716.534	10637.01	2.229084	19.5826	1.451199	0.104201	2.405234	0.015104	0.789658	0.328308	96.63599	0.757403	100.6466	2.304681	197.7204	52.788	96.63599	0.757403	48.87507
071819BK-02 396	998.073	20837.74	3.542648	18.22029	2.149891	0.422278	2.298212	0.056123	0.703568	0.306137	352.005	2.410193	357.6788	6.928528	395.6113	49.05885	352.005	2.410193	88.97747
071819BK-02 397	197.3937	1413.704	4.414003	13.94938	7.482082	0.151523	14.3677	0.017762	2.958531	0.205915	113.4949	3.328396	143.2555	19.1988	670.6026	302.2418	113.4949	3.328396	16.92432
071819BK-02 398	1582.582	4779.41	1.348933	17.13352	6.396225	0.086871	6.900341	0.011311	0.981799	0.142283	72.50673	0.707882	84.58393	5.600147	441.4333	152.0911	72.50673	0.707882	16.4253
071819BK-02 399	1408.36	4779.386	2.77784	17.68346	3.38897	0.099785	4.075164	0.01343	0.699978	0.171767	86.00118	0.597991	96.57741	3.75433	367.2454	90.48604	86.00118	0.597991	23.4179
071819BK-02 400	622.7039	4641.933	2.07641	17.56035	2.654896	0.217397	4.461715	0.029102	0.799839	0.179267	184.9239	1.458079	199.7411	8.09026	379.4688	98.7244	184.9239	1.458079	48.73231
071819BK-02 401	1009.434	17489.37	2.14865	18.63915	1.345076	0.419344	2.110228	0.057178	0.808469	0.383119	358.4383	2.818771	355.5816	6.330637	337.9394	44.15604	358.4383	2.818771	106.0659
071819BK-02 402	683.7829	4520.636	1.840257	19.08948	2.891837	0.211018	3.734679	0.030941	0.795815	0.213088	196.4348	1.53968	194.407	6.607833	170.8563	85.20199	196.4348	1.53968	114.9708
071819BK-02 403	248.9689	1823.165	2.456951	14.02663	7.54893	0.291783	12.14522	0.033253	1.251796	0.103069	210.8761	2.59703	259.9617	27.86214	730.6146	256.8155	210.8761	2.59703	28.86283
071819BK-02 404	4967.485	19712.31	1.990068	20.32882	1.301053	0.105772	1.925665	0.015768	0.745161	0.386963	100.8543	0.745678	102.0902	1.870317	132.0412	41.75374	100.8543	0.745678	76.3809
071819BK-02 405	467.1998	33000.23	3.886982	9.142081	0.681691	4.776816	0.995214	0.316564	0.722964	0.726441	1772.927	11.20611	1780.832	8.356152	1790.886	12.45664	1790.886	12.45664	98.9972
071819BK-02 406	44.52267	446.7332	1.396287	7.866733	13.22724	0.563654	19.75877	0.042342	4.103397	0.207675	267.3356	10.7455	453.9023	72.44325	1559.231	366.0516	267.3356	10.7455	17.14535
071819BK-02 407	692.541	2762.716	3.700863	17.30983	7.539344	0.117167	7.967899	0.016129	1.006233	0.126286	103.1442	1.029611	112.5008	8.485404	316.2922	180.0071	103.1442	1.029611	32.6104
071819BK-02 408	653.2809	4030.267	1.775886	17.85644	3.205981	0.205556	4.174293	0.028356	0.870231	0.208474	180.2538	1.546897	189.8167	7.227086	311.4864	92.93001	180.2538	1.546897	57.86893
071819BK-02 409	571.0354	4030.771	2.197144	17.38407	3.621136	0.215813	4.542579	0.028927	0.979179	0.215556	183.827	1.774573	198.4191	8.187527	376.5922	99.81912	183.827	1.774573	48.81329
071819BK-02 410	115.553	6821.566	0.992672	8.630097	1.431529	5.394838	1.755924	0.342153	0.717925	0.408859	1897.02	11.79822	1884.034	15.04237	1870.519	28.90585	1870.519	28.90585	101.4168
071819BK-02 411	119.7147	663.3076	1.640042	11.24389	17.11387	0.244449	28.39957	0.026256	1.610129	0.056696	167.0747	2.655557	222.0571	56.70275	854.8853	600.4825	167.0747	2.655557	19.54352
071819BK-02 412	253.369	1629.883	2.283167	14.35733	5.919729	0.26448	8.184417	0.03149	1.893188	0.231316	199.8686	3.725832	238.2704	17.38362	637.1424	171.5962	199.8686	3.725832	31.36954
071819BK-02 413	42.45569	5023.481	1.689477	5.41629	1.640326	12.8999	1.852975	0.511386	0.782836	0.422475	2662.542	17.07511	2672.368	17.46292	2680.52	27.78358	2680.52	27.78358	99.32932
071819BK-02 414	132.5281	1061.397	1.704062	12.47082	12.66412	0.285286	15.55196	0.03093	2.345229	0.1508	196.3676	4.535836	254.8425	35.06461	835.4481	322.0991	196.3676	4.535836	23.50447
071819BK-02 415	147.8494	922.1189	4.461718	12.22683	11.61429	0.299701	16.68823	0.032716	1.678848	0.100601	207.5275	3.428587	266.1665	39.09303	821.1509	348.9695	207.5275	3.428587	25.27275
071819BK-02 416	166.5221	1644.61	2.877576	11.0478	11.23363	0.39103	13.53258	0.034474	1.919878	0.141871	218.4877	4.12441	335.1214	38.64502	1252.684	263.2401	218.4877	4.12441	17.44158
071819BK-02 417	422.8507	3156.929	3.487929	16.82319	5.605264	0.242222	10.08878	0.031922	1.103259	0.109355	202.5643	2.200061	220.2383	19.9774	414.5315	224.6429	202.5643	2.200061	48.86584
071819BK-02 418	1288.505	4920.211	2.506612	18.40787	3.468518	0.119474	4.418393	0.016787	0.90624	0.205106	107.3202	0.964527	114.5947	4.788014	269.4281	99.20826	107.3202	0.964527	39.83258
071819BK-02 419	200.4915	1590.374	3.524393	11.59689	13.27036	0.324814	14.38659	0.030324	1.405992	0.097729	192.5774	2.667579	285.5991	35.83011	1139.705	286.1605	192.5774	2.667579	16.89713
071819BK-02 420	552.0039	4706.753	3.842272	18.58888	3.233907	0.207815	5.649847	0.029597	1.075911	0.190432	188.0235	1.993747	191.7172	9.870886	238.4311	127.9741	188.0235	1.993747	78.85862
071819BK-02 421	411.6429	4363.686	1.29502	15.486	6.55072	0.228773	7.141981	0.026955	1.193149	0.167061	171.4631	2.018842	209.1856	13.50231	659.6187	151.1352	171.4631	2.018842	25.99427
071819BK-02 422	613.6606	5111.026	2.632998	18.24951	2.98096	0.214133	6.249321	0.029761	0.876151	0.140199	189.0544	1.632348	197.0148	11.19173	294.438	141.3748	189.0544	1.632348	64.20856
071819BK-02 423	705.6749	8595.316	3.698322	18.34345	4.204559	0.22863	4.435769	0.031198	1.024892	0.231052	198.043	1.998865	209.0669	8.381475	336.207	97.8214	198.043	1.998865	58.90507
071819BK-02 424	757.4038	53837.73	3.5793	9.057624	0.697526	4.596965	0.999773	0.300287	0.709728	0.709889	1692.732	10.56593	1748.718	8.337955	1817.085	12.78361	1817.085	12.78361	93.15643
071819BK-02 425	688.1763	2175.452	1.90429	17.17192	4.493832	0.111174	6.956507	0.015538	1.020943	0.146761	99.39227	1.006955	107.0383	7.067205	281.7399	157.5897	99.39227	1.006955	35.27803
071819BK-02 426	467.6607	1677.9	3.485763	15.74385	7.81932	0.118524	15.77343	0.015562	1.57484	0.099841	99.54857	1.555688	113.7334	16.97301	422.7882	352.1641	99.54857	1.555688	23.54573
071819BK-02 427	374.6812	6446.42	2.292013	16.382	5.355369	0.460258	5.76171	0.056332	0.888788	0.154258	353.277	3.055398	384.4373	18.44169	577.5404	123.8073	353.277	3.055398	61.16924
071819BK-02 428	3036.222	8777.498	7.454003	19.39743	2.500303	0.101504	2.682288	0.014653	0.786811	0.293336	93.77647	0.732502	98.16399	2.509773	207.0994	59.49425	93.77647	0.732502	45.2809
071819BK-02 429	97.13884	510.7875	3.558866	9.947016	11.76873	0.184474	23.0419	0.018283	5.995795	0.260213	116.7976	6.939889	171.9028	36.45387	1019.734	455.9141	116.7976	6.939889	11.45374
071819BK-02 430	195.5423	22499.59	1.853183	8.184412	0.812868	6.006248	1.133732	0.355216	0.779103	0.687203	1959.456	13.16429	1976.75	9.868965	1995.653	14.63786	1995.653	14.63786	98.18617
071819BK-02 431	354.9026	30515.35	1.332058	8.120581	0.761731	6.02878	1.111024	0.353304	0.773004	0.695758	1950.358	13.00929	1980.01	9.676448	2011.879	14.15632	2011.879	14.15632	96.94207
071819BK-02 432	110.4569	10737.08	1.186085	8.94367	1.620351	5.015867	1.774565	0.326269	0.666361	0.375507	1820.271	10.5675	1822.004	15.02454	1824.757	29.83316	1824.757	29.83316	99.75415
071819BK-02 433	418.1541	4186.747	2.247831	17.22153	5.431526	0.232306	6.130793	0.030648	1.002007	0.163438	194.6035	1.920803	212.1003	11.73565	412.1025	135.3214	194.6035	1.920803	47.22211
071819BK-02 434	280.9253	2735.258	2.177848	15.12306	7.01543	0.260105	10.45917	0.030751	1.510826	0.14445	195.2498	2.905658	234.7518	21.92488	652.3019	222.6936	195.2498	2.905658	29.93243
071819BK-02 435	1369.484	10104.74	2.412544	19.04585	3.989991	0.179097	4.694009	0.025227	0.675614	0.143931	160.6077	1.071682	167.2833	7.239694	263.7782	106.6797	160.6077	1.071682	60.88739
071819BK-02 436	434.3399	1058.542	5.845722	13.11527	8.506176	0.129685	23.25267	0.014905	1.675381	0.072051	95.37422	1.58612	123.815	27.11062	712.7006	499.1	95.37422	1.58612	13.38209
071819BK-02 437	329.8068	1540.827	2.152359	12.62191	9.943558	0.152088	15.85848	0.015642	4.821991	0.304064	100.0538	4.787338	143.7537	21.26003	944.3759	311.1307	100.0538	4.787338	10.5947
071819BK-02 438	200.308	1412.535	3.299101	11.57506	12.12809	0.18844	13.71207	0.017815	5.574249	0.406521	113.829	6.289425	175.2973	22.07991	1114.717	251.0123	113.829	6.289425	10.21148
071819BK-02 439	172.3603	1628.001	1.886335	12.82238	11.32323	0.303262	12.5167	0.031691	1.131087	0.090366	201.1201	2.239723	268.9445	29.58205	911.6571	257.5636	201.1201	2.239723	22.06093
071819BK-02 440	706.987	3013.53	2.539885	17.27992	4.76479	0.107594	5.543691	0.014674	1.191764	0.214977	93.90668	1.111034	103.7625	5.468174	337.4441	122.7164	93.90668	1.111034	27.82881
071819BK-02 441	396.6582	1494.64	2.272031	13.47502	12.08003	0.132924	14.00787	0.014887	3.193318	0.227966	95.26004	3.019591	126.7221	16.68956	767.4036	288.5183	95.26004	3.019591	12.41329
071819BK-02 442	1095.508	3197.303	3.170667	16.73419	4.516992	0.09852	7.256723	0.012906	1.117553	0.154002	82.6635	0.917911	95.40889	6.608324	427.9568	160.0647	82.6635	0.917911	19.31585
071819BK-02 443	1466.479	15086.03	3.300725	19.23421	2.16079	0.219907	2.527989	0.03116	1.007604	0.398579	197.8065	1.962838	201.8322	4.627218	250.1068	53.35425	197.8065	1.962838	79.08882
071819BK-02 444	351.4082	1823.486	1.263953	13.97121	11.22778	0.151525	12.19786	0.017265	2.590128	0.212343	110.3444	2.83374	143.2576	16.29904	731.1121	253.3792	110.3444	2.83374	15.09268
071819BK-02 445	1097.078	5671.27	2.821752	18.22182	3.527999	0.170709	4.211782	0.023589	1.111613	0.263929	150.2992	1.651418	160.0338	6.23603	307.655	92.53421	150.2992	1.651418	48.85316
071819BK-02 446	787.8895	3643.465	3.889859	16.82765	6.088263	0.099095	9.417127	0.012922	1.453645	0.154362	82.76813	1.195464	95.941	8.621383	438.1035	207.4821	82.76813	1.195464	18.89237
071819BK-02 447	131.0057	15091.01	1.348502	8.877329	1.605098	4.996445	1.98667	0.323085	1.068168	0.537667	1804.778	16.81465	1818.72	16.8098	1835.5	30.34458	1835.5	30.34458	98.32621
071819BK-02 449	1003.253	8048.921	4.128258	18.28575	2.727761	0.22645	3.302793	0.031062	0.763291	0.231105	197.1914	1.482356	207.2636	6.192111	324.3643	72.96206	197.1914	1.482356	60.79319
071819BK-02 450	444.2566	4184.219	2.879064	16.10508	4.274388	0.238724	4.618198	0.029604	1.116414	0.241742	188.0719	2.069328	217.3748	9.037222	548.9162	97.92705	188.0719	2.069328	34.2624
071819BK-02 451	333.3145	1031.74	1.88286	12.88549	8.989228	0.152388	14.3188	0.017419	1.248791	0.087213	111.3237	1.378266	144.0178	19.22824	724.2121	303.9828	111.3237	1.378266	15.3717
071819BK-02 452	1288.318	5949.812	2.966863	18.8737	2.351681	0.154888	4.691341	0.022373	0.761427	0.162305	142.634	1.074127	146.2189	6.388686	205.7802	107.4257	142.634	1.074127	69.31378
071819BK-02 453	501.5261	3576.349	1.487062	16.81635	5.127637	0.191348	6.579009	0.025173	1.128756	0.171569	160.2679	1.786732	177.7789	10.72981	418.4333	144.8895	160.2679	1.786732	38.30191
071819BK-02 454	501.44	3870.782	2.800277	16.28369	4.441133	0.230263	6.160648	0.029101	0.98432	0.159775	184.921	1.794355	210.4161	11.70853	507.3639	133.8829	184.921	1.794355	36.44741
071819BK-02 455	64.11638	215.6094	2.043966	5.032775	24.63709	0.254288	29.33446	0.01342	9.368359	0.319364	85.93832	7.997587	230.0537	60.45745	2195.716	493.4792	85.93832	7.997587	3.913909
071819BK-02 456	275.4745	1702.822	2.982525	12.63505	17.50396	0.135993	20.52759	0.014009	3.777223	0.184007	89.67948	3.363941	129.4683	24.95718	941.1537	417.5233	89.67948	3.363941	9.528675
071819BK-02 457	1119.892	11621.3	4.178854	18.14626	3.048418	0.220764	3.492166	0.029834	0.865885	0.247951	189.5064	1.617022	202.5458	6.412506	358.1447	76.35989	189.5064	1.617022	52.91336
071819BK-02 458	196.914	1194.488	4.55422	13.63687	10.40687	0.202902	11.80529	0.024101	2.239564	0.189708	153.5211	3.397587	187.5788	20.22182	642.2884	249.9549	153.5211	3.397587	23.9022
071819BK-02 459	519.67	2249.155	2.731868	15.25482	11.22782	0.115825	15.60372	0.014249	1.232811	0.079008	91.20518	1.116471	111.28	16.4476	566.4218	340.5729	91.20518	1.116471	16.10199
071819BK-02 460	982.7958	4747.194	8.287958	16.75538	3.329483	0.105534	4.477099	0.013551	1.045204	0.233456	86.76873	0.900834	101.872	4.339604	472.3621	96.38425	86.76873	0.900834	18.36912
071819BK-02 461	196.4094	3204.947	2.775818	13.37277	9.59835	0.304723	10.90829	0.031503	1.775794	0.162793	199.9459	3.496128	270.0827	25.87425	933.7877	221.4146	199.9459	3.496128	21.41235
071819BK-02 462	867.6852	3650.569	3.060415	16.3497	5.719716	0.119949	7.860723	0.01523	0.983043	0.125058	97.43685	0.950644	115.0262	8.548749	497.2118	172.0579	97.43685	0.950644	19.59665
071819BK-02 463	142.0744	916.9999	2.204167	9.560712	26.63233	0.332593	28.92329	0.026993	2.389287	0.082608	171.703	4.048324	291.5432	73.42583	1412.754	563.3896	171.703	4.048324	12.15378
071819BK-02 464	584.1669	1664.597	5.149176	14.6521	6.559124	0.120042	7.563762	0.014627	1.720121	0.227416	93.61106	1.598588	115.1099	8.231432	587.1335	160.0128	93.61106	1.598588	15.94374
071819BK-02 465	376.5006	6384.174	4.568019	16.40266	3.575945	0.421072	3.903993	0.05203	1.272678	0.325994	326.9743	4.057558	356.8173	11.74623	556.755	80.5369	326.9743	4.057558	58.72859
071819BK-02 466	184.5867	1396.406	2.876905	13.77937	9.850601	0.257116	18.3979	0.029975	1.902188	0.103392	190.3888	3.568597	232.3398	38.22578	682.3158	393.8678	190.3888	3.568597	27.90333
071819BK-02 467	783.1999	18669.26	1.699087	18.31351	1.820739	0.427877	2.2695	0.057654	1.14245	0.503393	361.3431	4.014597	361.6679	6.905494	364.7117	44.19303	361.3431	4.014597	99.07638
071819BK-02 468	424.0636	3394.21	3.739897	17.31771	4.79465	0.193024	5.895894	0.026191	1.55063	0.263002	166.6663	2.551256	179.2061	9.686225	348.9852	128.694	166.6663	2.551256	47.75743
071819BK-02 469	378.3337	28904.56	1.043675	8.334257	1.071226	5.833237	1.558312	0.354005	1.08778	0.69805	1953.694	18.33367	1951.362	13.50806	1949.65	19.93921	1949.65	19.93921	100.2075
071819BK-02 470	375.6963	2631.865	6.691791	15.61831	4.629973	0.244447	6.510917	0.030309	1.387453	0.213096	192.4795	2.631088	222.0551	12.98684	549.3121	139.059	192.4795	2.631088	35.0401
071819BK-02 471	884.7552	83727.83	2.203103	9.317771	1.044207	4.597936	1.502249	0.311236	1.079153	0.718358	1746.787	16.51245	1748.894	12.52936	1752.192	19.12667	1752.192	19.12667	99.69156
071819BK-02 472	53.34115	484.3964	1.841834	9.731269	18.42803	0.454255	26.39636	0.044935	3.42599	0.12979	283.3494	9.497276	380.2546	83.91125	1023.637	538.582	283.3494	9.497276	27.68064
071819BK-02 473	893.1797	9254.634	2.069064	18.52228	1.683951	0.403303	2.161954	0.055836	0.918154	0.424687	350.2525	3.130055	344.0412	6.309023	303.3	44.61019	350.2525	3.130055	115.4805
071819BK-02 474	825.6788	4833.142	2.021793	19.42313	2.686321	0.198469	5.050724	0.029716	1.011815	0.200331	188.7734	1.882341	183.8296	8.492957	121.7779	116.6491	188.7734	1.882341	155.0145
071819BK-02 476	1830.581	13340.8	4.957021	19.5131	1.496752	0.283514	1.811016	0.041004	0.907435	0.501064	259.0506	2.304112	253.4413	4.061892	202.8445	36.40141	259.0506	2.304112	127.709

071819BK-02 477	576.9543	3060.678	2.872937	17.40474	4.786781	0.207993	9.547081	0.028641	1.043676	0.109319	182.0354	1.873285	191.8675	16.69263	315.5811	216.261	182.0354	1.873285	57.6826
071819BK-02 478	218.0808	3678.96	2.890981	14.06489	8.752287	0.416862	9.109877	0.044983	1.561323	0.171388	283.6473	4.332633	353.8049	27.22146	845.2341	187.0373	283.6473	4.332633	33.55844
071819BK-02 479	576.8049	2926.269	2.512843	17.20451	6.233662	0.198443	7.246584	0.027073	1.00779	0.139071	172.2028	1.712468	183.8081	12.18436	336.7004	162.791	172.2028	1.712468	51.1442
071819BK-02 480	82.49089	4068.062	0.823204	8.747057	1.859973	5.017014	2.897117	0.327551	0.994074	0.343125	1826.501	15.81123	1822.197	24.53267	1818.054	49.40741	1818.054	49.40741	100.4646
071819BK-02 481	467.3915	1790.854	4.790002	14.55064	13.05337	0.124151	13.44113	0.014842	1.670999	0.12432	94.97534	1.575404	118.8284	15.07383	628.3701	288.5644	94.97534	1.575404	15.11455
071819BK-02 482	228.5299	2285.367	2.804783	12.92756	10.67992	0.245462	12.22059	0.025022	1.899588	0.155442	159.3189	2.989311	222.8833	24.4602	962.5462	247.4392	159.3189	2.989311	16.55182
071819BK-02 483	249.0411	3520.878	2.674824	15.30073	7.205512	0.508829	7.869161	0.060205	0.892139	0.113372	376.8745	3.265851	417.6617	26.95208	650.5681	168.09	376.8745	3.265851	57.93007
071819BK-02 484	2305.135	10971.79	1.661711	19.6872	1.522518	0.173749	2.020424	0.025454	0.747176	0.369812	162.0358	1.195604	162.6672	3.036832	172.8627	43.81383	162.0358	1.195604	93.73672
071819BK-02 485	116.1107	7627.054	1.660645	13.23999	3.071298	1.816704	3.409651	0.178676	0.887619	0.260326	1059.735	8.673935	1051.497	22.33329	1035.287	66.52431	1035.287	66.52431	102.3615
071819BK-02 487	464.8424	1460.643	3.366735	14.10054	10.00369	0.114515	17.62495	0.013604	1.930842	0.109552	87.10772	1.6706	110.0869	18.38996	641.9441	379.3212	87.10772	1.6706	13.56936
071819BK-02 488	280.6096	2572.818	1.785106	13.79905	8.526323	0.264943	10.19814	0.028697	1.235185	0.121119	182.386	2.221234	238.6425	21.69193	837.4511	211.3486	182.386	2.221234	21.7787
071819BK-02 489	172.702	1603.843	2.991242	12.55404	8.54414	0.260053	11.07085	0.026638	2.473558	0.22343	169.4734	4.1374	234.7097	23.20383	952.6262	221.3723	169.4734	4.1374	17.79013
071819BK-02 490	347.0011	7912.214	1.743203	18.20803	3.6028	0.432977	4.790541	0.059105	0.944206	0.197098	370.1825	3.39682	365.2881	14.69841	335.3056	106.4918	370.1825	3.39682	110.4015
071819BK-02 491	671.2443	12699.27	1.283166	18.13843	3.450209	0.338339	3.780395	0.04541	0.916096	0.242328	286.2782	2.565203	295.9125	9.704349	373.6055	82.58298	286.2782	2.565203	76.62578
071819BK-02 492	1042.988	10762.11	1.614923	19.14256	2.44744	0.218452	2.953489	0.031109	0.954194	0.323074	197.4846	1.855815	200.6205	5.376712	238.663	64.4716	197.4846	1.855815	82.74621
071819BK-02 493	562.831	23265.94	0.754105	15.09664	1.118525	1.224061	1.475812	0.135142	0.907958	0.615226	817.1304	6.968238	811.6311	8.247589	797.472	24.40854	817.1304	6.968238	102.4651
071819BK-02 494	1433.013	6826.648	5.209851	18.33902	3.665104	0.108948	4.173355	0.015071	0.870792	0.208655	96.42696	0.833429	105.0027	4.16319	305.2412	93.00815	96.42696	0.833429	31.59041
071819BK-02 495	686.3278	6196.478	4.252976	18.36239	3.584984	0.208417	4.823577	0.028971	0.920753	0.190886	184.1039	1.671166	192.2232	8.447439	294.1315	108.1523	184.1039	1.671166	62.59239
071819BK-02 496	315.0993	2590.353	3.240529	14.29375	9.547529	0.282404	10.02083	0.031759	1.126722	0.112438	201.5467	2.235738	252.5625	22.41041	758.699	210.5251	201.5467	2.235738	26.56477
071819BK-02 497	1732.304	6605.143	1.962948	19.1834	1.558043	0.175034	1.902059	0.025399	0.698482	0.367224	161.6865	1.115305	163.7787	2.876921	195.165	41.12577	161.6865	1.115305	82.84605
071819BK-02 498	4932.881	12849.15	2.171365	20.30791	1.27618	0.100577	2.300148	0.015143	0.753481	0.327579	96.88745	0.72457	97.30872	2.134343	108.6841	51.34904	96.88745	0.72457	89.14596
071819BK-02 499	119.5796	9391.723	3.941038	5.305501	0.779522	13.44752	1.074355	0.519976	0.714118	0.664694	2699.077	15.74835	2711.603	10.15409	2721.656	13.22801	2721.656	13.22801	99.1704
071819BK-02 500	380.702	2371.072	2.049858	17.49663	4.336117	0.243487	6.991401	0.034487	0.89672	0.12826	218.569	1.927099	221.2716	13.9013	251.0909	159.6804	218.569	1.927099	87.04775
071819BK-02 501	33.68377	235.272	8.157911	5.830864	34.27426	0.595473	37.48644	0.037684	4.577384	0.122108	238.4611	10.71587	474.3567	142.9996	1874.454	697.0541	238.4611	10.71587	12.72162
071819BK-02 502	342.4857	794.6269	2.849347	12.31397	12.10596	0.125238	25.27321	0.014324	1.394997	0.055197	91.68254	1.269916	119.8094	28.56903	722.9889	543.4443	91.68254	1.269916	12.68104
071819BK-02 503	34.38044	271.0283	15.46199	10.01083	26.96857	0.320709	58.66466	0.050962	4.212331	0.071804	320.4254	13.16744	282.4477	145.6379	NA	NA	320.4254	13.16744	NA
071819BK-02 504	191.2455	16623.24	1.198262	8.803333	0.927557	5.169349	1.127609	0.330869	0.605851	0.537288	1842.594	9.709688	1847.584	9.59396	1853.976	17.18897	1853.976	17.18897	99.38607
071819BK-02 505	578.9284	55884.7	16.64845	8.254161	0.882308	5.915522	1.516378	0.353169	1.227123	0.809246	1949.712	20.64611	1963.516	13.17134	1978.854	15.86361	1978.854	15.86361	98.52733
071819BK-02 506	362.8423	26002.38	2.558304	7.597709	0.631987	6.924789	0.918789	0.381258	0.608804	0.662616	2082.159	10.8328	2101.839	8.152182	2121.906	12.05485	2121.906	12.05485	98.12681
071819BK-02 507	747.7683	2805.01	2.538083	18.18313	3.782066	0.109055	6.646959	0.015794	0.698076	0.105022	101.0201	0.699701	105.1005	6.636684	199.631	153.6637	101.0201	0.699701	50.60343
071819BK-02 508	372.9035	3190.926	3.942798	16.00464	6.272014	0.279242	7.259362	0.03468	1.101747	0.151769	219.7743	2.380546	250.0565	16.09138	545.6572	156.9826	219.7743	2.380546	40.27699
071819BK-02 509	279.75	2183.545	2.937111	14.29678	9.927113	0.27696	10.5007	0.031461	1.288804	0.122735	199.6859	2.534108	248.2431	23.12933	737.5174	221.1403	199.6859	2.534108	27.07541
071819BK-02 510	132.858	1136.224	2.276451	8.964125	14.62796	0.473476	15.48027	0.034257	2.492223	0.160994	217.1395	5.321477	393.587	50.55007	1629.332	285.7043	217.1395	5.321477	13.32691
071819BK-02 511	289.1971	5314.315	2.346775	16.97411	4.303042	0.453179	5.190947	0.058036	0.952644	0.18352	363.6677	3.368549	379.5027	16.4386	478.2338	112.8546	363.6677	3.368549	76.04392
071819BK-02 512	160.0809	16937.11	1.432315	8.680198	1.073298	5.362378	1.332781	0.337537	0.770945	0.578448	1874.81	12.54173	1878.867	11.40631	1884.125	19.57897	1884.125	19.57897	99.50561
071819BK-02 513	1654.441	3842.276	1.273978	17.95146	3.285097	0.081222	3.934024	0.01125	0.955266	0.242821	72.11874	0.685086	79.29304	3.000726	302.2139	87.02911	72.11874	0.685086	23.86347
071819BK-02 514	214.1644	2084.121	3.789801	15.87489	11.16233	0.243685	13.53211	0.031276	1.458407	0.107774	198.53	2.851244	221.4336	26.92873	473.3946	298.8246	198.53	2.851244	41.93752
071819BK-02 515	58.6444	5031.654	0.5333	8.882379	2.424565	5.071799	3.433816	0.331678	0.803195	0.233907	1846.508	12.89605	1831.401	29.13203	1815.045	60.64518	1815.045	60.64518	101.7334
071819BK-02 516	427.5975	3662.261	2.852709	13.5351	6.445459	0.172513	8.223509	0.01772	1.196578	0.145507	113.2284	1.343036	161.5976	12.28606	947.0234	166.8567	113.2284	1.343036	11.95624
071819BK-02 517	588.3318	56239.18	2.144291	8.160192	0.748205	5.812578	1.104631	0.341535	0.79173	0.716737	1894.048	12.99358	1948.287	9.57012	2007.194	13.67197	2007.194	13.67197	94.36297
071819BK-02 518	131.9799	1049.579	3.278324	13.83144	8.48372	0.267063	10.3194	0.032941	2.473354	0.23968	208.9318	5.084779	240.3427	22.0886	560.6255	218.829	208.9318	5.084779	37.26762
071819BK-02 519	357.2818	6483.275	1.25089	16.63987	4.048128	0.444327	4.508822	0.055308	1.009031	0.22379	347.0299	3.409055	373.2992	14.08505	540.7004	96.16292	347.0299	3.409055	64.18154
071819BK-02 520	485.6487	4997.697	5.813541	16.67865	6.207943	0.246496	7.211708	0.03112	1.149209	0.159353	197.555	2.235885	223.7262	14.48162	509.673	156.7001	197.555	2.235885	38.76113
071819BK-02 521	634.3213	2764.045	2.53145	16.81823	7.203457	0.088168	9.381078	0.011723	1.69337	0.180509	75.13125	1.264865	85.79509	7.718	394.6654	207.3007	75.13125	1.264865	19.03669
071819BK-02 522	319.9034	3131.41	1.773255	17.09519	5.343324	0.283038	8.556649	0.037868	1.91841	0.224201	239.6038	4.512208	253.065	19.16863	380.7044	187.7673	239.6038	4.512208	62.93697
071819BK-02 523	158.0073	1712.996	3.109083	11.52168	8.055088	0.366758	8.970893	0.033637	2.552442	0.284525	213.2715	5.35457	317.2478	24.44767	1174.987	170.4628	213.2715	5.35457	18.15097
071819BK-02 524	297.1809	2963.292	2.223997	13.58303	8.090329	0.294883	8.832243	0.030942	1.119826	0.126788	196.4411	2.166619	262.3958	20.4258	903.1871	180.9338	196.4411	2.166619	21.74977
071819BK-02 525	354.0837	13139.83	2.457839	14.35171	1.519405	1.519838	1.843855	0.159917	0.806963	0.43765	956.3157	7.171993	938.4114	11.29274	897.4905	34.20811	897.4905	34.20811	106.5544
071819BK-02 526	1239.363	3847.707	2.735619	17.86237	5.981507	0.099625	6.790765	0.013782	0.934293	0.137583	88.23548	0.818762	96.43016	6.247093	305.1178	153.3886	88.23548	0.818762	28.9185
071819BK-02 527	75.71676	1482.512	2.183211	13.04299	10.40882	0.39872	15.06098	0.042965	2.166223	0.14383	271.1881	5.752689	340.7192	43.62014	848.1136	311.5267	271.1881	5.752689	31.97544
071819BK-02 529	81.38143	415.9045	2.369397	7.2841	22.73245	0.262704	26.83991	0.018167	6.643239	0.247513	116.0578	7.641011	236.8437	56.75814	1713.001	486.868	116.0578	7.641011	6.775116
071819BK-02 530	390.9704	3032.975	1.886179	16.58154	3.661243	0.278767	5.845357	0.036245	0.90709	0.155181	229.5134	2.045269	249.6787	12.93939	444.6568	128.4758	229.5134	2.045269	51.61585
071819BK-02 531	840.5156	13702.19	2.158248	18.22916	3.221472	0.218341	3.595814	0.029289	0.887832	0.246907	186.0998	1.628632	200.5279	6.543336	374.7453	78.45473	186.0998	1.628632	49.66036
071819BK-02 532	240.1963	3343.283	2.175288	16.59495	6.323312	0.450398	9.667653	0.058136	1.036549	0.107218	364.2798	3.671232	377.5581	30.49235	460.7813	213.5363	364.2798	3.671232	79.05699
071819BK-02 533	376.5153	3929.614	5.150652	14.23503	7.102719	0.311063	8.491577	0.033758	1.08459	0.127725	214.0273	2.283206	275.0042	20.4598	833.3638	175.8201	214.0273	2.283206	25.68233
071819BK-02 534	639.5214	1954.346	2.733959	16.14154	5.817049	0.096645	14.5683	0.012885	1.34392	0.09225	82.53154	1.102088	93.67499	13.03699	388.5808	327.2215	82.53154	1.102088	21.23922
071819BK-02 535	98.42983	8745.887	2.028408	8.633086	1.096686	4.849341	1.409067	0.308098	0.777004	0.551432	1731.341	11.79752	1793.501	11.86197	1867.344	21.2121	1867.344	21.2121	92.71675
071819BK-02 536	630.5481	81731.16	1.135622	6.731703	0.603296	8.839811	0.902182	0.432557	0.663069	0.734961	2317.235	12.90651	2321.609	8.229811	2326.189	10.48431	2326.189	10.48431	99.61505
071819BK-02 537	848.4351	3263.54	2.082707	16.26772	5.747662	0.124383	7.002849	0.015845	0.837147	0.119544	101.3402	0.841733	119.0382	7.866134	489.976	153.5324	101.3402	0.841733	20.68269
071819BK-02 538	102.4351	18028.67	1.291725	5.374341	0.928071	12.97969	1.163517	0.508495	0.673565	0.578904	2650.199	14.63662	2678.18	10.96949	2700.077	15.66373	2700.077	15.66373	98.15273
071819BK-02 539	1632.948	5635.662	4.990146	18.08162	4.536706	0.107106	5.074008	0.014776	0.703218	0.138592	94.55794	0.660095	103.3147	4.984359	311.2884	114.4317	94.55794	0.660095	30.37631
071819BK-02 540	755.1581	7869.198	2.242196	18.92361	2.809376	0.199024	4.309568	0.028386	0.913472	0.211964	180.4405	1.625418	184.3	7.263542	235.0892	97.20782	180.4405	1.625418	76.75404
071819BK-02 541	414.7605	9125.258	4.08817	17.62744	3.490168	0.432732	3.891419	0.05707	1.02396	0.263133	357.7815	3.563728	365.1147	11.93472	412.9068	83.9632	357.7815	3.563728	86.64945
071819BK-02 542	181.9436	1351.492	3.608483	13.80674	6.070814	0.276618	7.471782	0.03259	2.668537	0.357149	206.7355	5.429291	247.9711	16.44036	659.7835	149.7784	206.7355	5.429291	31.33384
071819BK-02 543	545.5587	2306.596	1.946615	15.22003	6.186214	0.124676	8.633976	0.015261	2.016772	0.233586	97.63613	1.954261	119.3023	9.718722	577.2983	182.7478	97.63613	1.954261	16.9126
071819BK-02 544	188.4569	1702.025	1.269605	12.36935	11.99325	0.269584	13.44665	0.02704	2.070298	0.153964	171.9984	3.513797	242.361	28.99977	995.4825	271.1295	171.9984	3.513797	17.2779
071819BK-02 545	752.4658	8702.997	2.835406	18.53544	3.451857	0.230262	3.944048	0.031974	0.714628	0.181192	202.8885	1.42732	210.4146	7.495559	296.5531	88.53023	202.8885	1.42732	68.41558
071819BK-02 546	1455.091	4755.296	1.608354	17.50994	3.347351	0.141402	4.650786	0.018993	0.654534	0.140736	121.2883	0.786452	134.2916	5.850287	371.8367	103.7398	121.2883	0.786452	32.6187
071819BK-02 547	774.0915	6197.605	2.377381	17.21513	3.733484	0.223894	4.745805	0.029155	0.860941	0.181411	185.2607	1.572285	205.1456	8.815553	441.201	103.8718	185.2607	1.572285	41.99008
071819BK-02 548	565.6391	4811.102	2.083352	17.84518	3.10176	0.278773	3.399906	0.038178	0.849662	0.249908	241.5269	2.014194	249.684	7.525968	328.0285	74.70842	241.5269	2.014194	73.62985
071819BK-02 549	399.6145	1742.26	2.440494	14.2298	13.28423	0.144264	16.51685	0.016899	1.24249	0.075226	108.0252	1.33102	136.8345	21.14711	672.172	354.5651	108.0252	1.33102	16.07107
071819BK-02 550	255.0801	1703.124	1.921906	11.02627	11.82547	0.231688	13.86261	0.02042	2.434154	0.175591	130.3107	3.140117	211.5913	26.48356	1253.247	268.2065	130.3107	3.140117	10.39784
071819BK-02 551	1620.888	12251.47	3.329745	18.89183	1.607065	0.220567	2.425581	0.030966	0.659529	0.271905	196.5903	1.276998	202.3815	4.450689	271.3748	53.51698	196.5903	1.276998	72.44236
071819BK-02 552	332.6082	2610.9	2.245168	16.23258	5.457276	0.242704	6.909244	0.031445	1.148747	0.166262	199.5829	2.257575	220.6325	13.7024	452.5097	151.408	199.5829	2.257575	44.10578
071819BK-02 553	772.8102	3079.114	2.049799	18.60355	3.828856	0.101646	6.984521	0.015064	1.762365	0.252324	96.38307	1.685987	98.29502	6.543688	145.9679	NA	96.38307	1.685987	66.03034
071819BK-02 554	367.2038	2431.103	1.919334	14.27721	8.824932	0.202198	9.298562	0.022891	1.040937	0.111946	145.9036	1.501707	186.984	15.88112	744.5885	195.7411	145.9036	1.501707	19.5952
071819BK-02 555	503.4592	2614.928	2.877923	15.48191	5.010095	0.128683	10.2556	0.01582	1.051286	0.102509	101.1849	1.055438	122.9135	11.87297	567.8498	222.5944	101.1849	1.055438	17.81896
071819BK-02 556	406.9835	4629.981	2.460264	15.38506	6.840514	0.282831	7.119905	0.033174	1.033786	0.145197	210.3807	2.13978	252.9006	15.94032	669.3314	150.9604	210.3807	2.13978	31.43147
071819BK-02 557	526.8002	7079.974	1.084867	18.19342	4.063547	0.26119	4.487956	0.035855	0.811347	0.180783	227.0871	1.81039	235.625	9.437705	322.6572	100.3038	227.0871	1.81039	70.38031
071819BK-02 558	217.6237	11027.83	2.632558	13.81876	1.475261	1.623745	2.39977	0.165634	0.741376	0.308936	988.0079	6.79115	979.4412	15.08091	961.1926	46.61386	961.1926	46.61386	102.7898
071819BK-02 559	220.989	2686.658	2.095204	12.06012	12.06972	0.329622	12.44936	0.03078	1.917318	0.154009	195.4294	3.690777	289.277	31.34749	1139.262	245.5523	195.4294	3.690777	17.15403
071819BK-02 560	816.7206	4884.798	10.23652	16.28478	6.161664	0.106332	7.93497	0.013194	1.420859	0.179063	84.49844	1.192769	102.6047	7.743953	547.5954	170.7553	84.49844	1.192769	15.43082
071819BK-02 561	566.6006	10077.67	6.778283	17.5073	2.381418	0.44765	2.645963	0.058293	0.795849	0.300779	365.2383	2.825934	375.6321	8.308032	441.1844	56.16521	365.2383	2.825934	82.78585
071819BK-02 562	1533.065	3342.293	2.392687	17.42065	4.125568	0.086228	5.347949	0.011777	0.838907	0.156865	75.47673	0.629487	83.98334	4.310685	334.0988	119.7997	75.47673	0.629487	22.59114
071819BK-02 563	536.736	5270.685	2.701768	16.33787	5.032554	0.234974	5.822798	0.029056	0.95958	0.164797	184.6378	1.746615	214.2966	11.24971	555.1266	125.3806	184.6378	1.746615	33.26048
071819BK-02 564	212.2871	1376.069	3.064316	10.71306	12.60286	0.269257	13.18207	0.023417	2.042355	0.154934	149.2164	3.01253	242.0996	28.4017	1279.268	254.8889	149.2164	3.01253	11.6642
071819BK-02 565	150.8766	21749.44	1.108599	8.89923	1.541954	5.090575	1.730272	0.329242	0.729683	0.421716	1834.705	11.65101	1834.536	14.68531	1835.116	28.42177	1835.116	28.42177	99.97761
071819BK-02 566	95.4249	6729.21	1.396303	10.26704	1.866913	3.521644	2.323161	0.266955	0.916038	0.394307	1525.327	12.44254	1532.087	18.37409	1542.232	40.14287	1542.232	40.14287	98.90386
071819BK-02 567	1110.02	3589.545	1.526664	17.66946	4.441376	0.11663	5.465649	0.016053	0.952679	0.174303	102.6642	0.970314	112.0121	5.796651	316.526	122.4364	102.6642	0.970314	32.43469
071819BK-02 568	180.9958	1690.083	2.353974	12.80303	10.20073	0.295068	12.06513	0.030639	1.466492	0.121548	194.5472	2.810398	262.5411	27.91911	924.7592	246.8843	194.5472	2.810398	21.0376
071819BK-02 569	846.7367	9268.899	6.366013	18.8997	3.313869	0.234977	3.680353	0.033102	0.687021	0.186672	209.9316	1.419042	214.2992	7.110389	263.5596	83.03067	209.9316	1.419042	79.65241
071819BK-02 570	421.8525	1753.705	2.56404	16.43065	8.541127	0.105133	11.28534	0.01448	1.899242	0.168293	92.67601	1.74755	101.5033	10.90146	315.0678	253.7093	92.67601	1.74755	29.41463
071819BK-02 571	742.3804	3614.796	1.529089	15.77909	7.842803	0.137461	8.309401	0.016746	0.989745	0.119111	107.0582	1.050853	130.7795	10.19661	587.5966	179.2724	107.0582	1.050853	18.21968
071819BK-02 572	2052.372	6240.083	2.448658	19.50153	2.396916	0.10221	3.739239	0.015108	0.762091	0.203809	96.66547	0.731183	98.81409	3.520814	152.0012	85.8034	96.66547	0.731183	63.59519
071819BK-02 573	348.8904	30974.24	1.777277	8.851913	0.582045	4.68707	0.851866	0.301636	0.603281	0.708188	1699.414	9.012207	1764.934	7.128875	1844.151	10.88253	1844.151	10.88253	92.15157
071819BK-02 574	964.184	5840.077	3.631761	19.14168	2.410699	0.111874	3.46452	0.016269	0.937025	0.270463	104.033	0.966992	107.6785	3.539563	190.1213	77.59439	104.033	0.966992	54.7193
071819BK-02 575	38.1731	5766.202	0.681982	8.65296	2.391769	5.265997	3.220213	0.336276	1.151203	0.357493	1868.732	18.67547	1863.368	27.48596	1858.157	54.34071	1858.157	54.34071	100.5691
071819BK-02 576	846.537	8257.011	2.194888	19.45189	2.512745	0.203736	2.817894	0.029684	0.814585	0.289076	188.5698	1.513813	188.2826	4.842778	185.673	62.83162	188.5698	1.513813	101.5601
071819BK-02 577	235.5448	1936.213	2.219838	15.18979	8.243856	0.248188	10.77009	0.03077	1.37187	0.127378	195.365	2.639948	225.1036	21.74788	549.4601	233.8434	195.365	2.639948	35.55581
071819BK-02 578	247.6228	2463.642	1.936942	14.3862	12.77594	0.301823	13.83428	0.034243	1.041833	0.075308	217.0511	2.223664	267.8229	32.57883	740.0719	293.1381	217.0511	2.223664	29.32838
071819BK-02 579	560.4404	3488.801	1.407149	16.89659	5.289911	0.218295	8.22437	0.028617	0.832615	0.101238	181.8894	1.493272	200.49	14.96428	426.2843	182.7437	181.8894	1.493272	42.66857
071819BK-02 580	357.9176	3747.91	2.023165	16.48158	7.126872	0.261796	7.751383	0.033239	1.20218	0.155092	210.7859	2.493045	236.1135	16.3313	497.3032	168.928	210.7859	2.493045	42.38578
071819BK-02 581	469.9409	3124.146	3.000488	17.94189	4.840193	0.22239	6.30999	0.031416	0.905701	0.143534	199.4034	1.778353	203.8967	11.65688	257.1488	143.6285	199.4034	1.778353	77.54399
071819BK-02 582	906.4624	2854.109	10.15956	17.69286	6.634127	0.09405	8.231307	0.013199	1.008336	0.1225	84.53118	0.846795	91.26949	7.185041	272.1869	187.5036	84.53118	0.846795	31.0563

071819BK-02 583	942.2254	1573.508	5.563735	17.34481	5.567209	0.111388	16.88616	0.016632	1.035599	0.061328	106.3379	1.092201	107.2345	17.18603	128.2448	NA	106.3379	1.092201	82.91789
071819BK-02 584	571.4267	2392.764	2.198338	17.91248	4.089417	0.10986	8.057985	0.015955	1.350303	0.167573	102.0422	1.36703	105.8374	8.099107	193.1638	184.9404	102.0422	1.36703	52.82677
071819BK-02 585	639.8324	28661.56	2.677753	13.50969	0.930816	1.771024	1.204862	0.17378	0.712261	0.591156	1032.905	6.79784	1034.896	7.819158	1039.965	19.63564	1039.965	19.63564	99.3211
071819BK-02 586	347.1057	194.813	3.828445	10.39402	5.804213	0.039876	74.27386	0.016335	2.317136	0.031197	104.4516	2.400783	39.70318	28.92781	NA	NA	104.4516	2.400783	NA
071819BK-02 587	1391.03	14745.25	3.3969	19.26808	1.896522	0.219363	2.776371	0.03109	0.867442	0.312437	197.3672	1.686104	201.3796	5.071561	249.619	60.72221	197.3672	1.686104	79.06741
071819BK-02 588	533.7344	4244.458	2.816106	17.46056	4.110214	0.222218	5.287045	0.029792	0.934746	0.176799	189.2446	1.743244	203.7542	9.760836	376.096	117.165	189.2446	1.743244	50.31817
071819BK-02 589	557.0648	4483.715	2.305389	17.30336	5.149749	0.200849	5.608672	0.026578	0.921691	0.164333	169.0957	1.538277	185.8444	9.525418	405.361	123.9258	169.0957	1.538277	41.71485
071819BK-02 590	1400.586	16860.52	2.131962	18.64262	2.083957	0.305844	2.686139	0.041792	0.73169	0.272395	263.9329	1.89217	270.9542	6.388108	333.0495	58.607	263.9329	1.89217	79.24737
071819BK-02 591	224.3359	19218.45	2.047039	10.25131	1.149871	3.689251	1.392011	0.274557	0.717848	0.515691	1563.89	9.96837	1569.044	11.12051	1576.78	22.32197	1576.78	22.32197	99.18254
071819BK-02 592	661.3211	5464.425	2.761955	17.13119	6.009744	0.155749	7.567927	0.020171	1.167209	0.154231	128.7366	1.48772	146.9753	10.3558	453.3563	166.1948	128.7366	1.48772	28.39634
071819BK-02 593	266.3317	3474.846	1.552701	14.82612	7.487669	0.237385	7.925106	0.027058	2.106183	0.265761	172.1073	3.576934	216.2767	15.43891	730.2892	162.0926	172.1073	3.576934	23.56701
071819BK-02 594	381.3443	31118.44	1.511666	7.766212	0.564595	6.185637	0.788261	0.347477	0.534253	0.677761	1922.541	8.881174	2002.421	6.890108	2086.624	10.19561	2086.624	10.19561	92.13641
071819BK-02 595	346.5978	1350.107	2.373426	11.18315	15.60835	0.139863	17.506	0.012777	1.763082	0.100713	81.84181	1.433817	132.9221	21.81396	1182.843	346.7781	81.84181	1.433817	6.919074
071819BK-02 596	763.7116	5129.766	3.598029	17.80834	3.235843	0.235723	4.09574	0.031884	0.865057	0.211209	202.3267	1.723059	214.9124	7.933274	356.1387	90.41063	202.3267	1.723059	56.81119
071819BK-02 597	440.7339	6643.164	2.553544	18.08413	3.476665	0.417278	3.790974	0.056657	0.724384	0.191081	355.2658	2.503859	354.1025	11.33363	347.4593	84.15494	355.2658	2.503859	102.2467
071819BK-02 598	1018.553	2351.222	3.80628	18.01408	4.498435	0.076895	11.13187	0.011257	1.047813	0.094127	72.16112	0.751898	75.22119	8.071051	174.5732	NA	72.16112	0.751898	41.33574
071819BK-02 599	258.8885	2290.919	2.940555	14.05165	10.41699	0.27341	13.92019	0.030341	1.345753	0.096676	192.6807	2.554638	245.4167	30.35646	786.7202	292.2017	192.6807	2.554638	24.49164
071819BK-02 600	1628.271	4798.076	2.244385	18.50451	3.27387	0.107894	5.073875	0.015236	0.642467	0.126623	97.47702	0.621547	104.0374	5.01734	258.0456	115.7191	97.47702	0.621547	37.77512

Member: Cabin Creek
Sample: 081019BK-01

				Isotope ratios							Apparent ages (Ma)								
Analysis	U (ppm)	206Pb 204Pb	U/Th	206Pb* 207Pb*	± (%)	207Pb* 235U	± (%)	206Pb* 238U	± (%)	error corr.	206Pb* 238U	± (Ma)	207Pb* 235U	± (Ma)	206Pb* 207Pb*	± (Ma)	Best age (Ma)	± (Ma)	Conc (%)
081019BK-01 1	527.0478	5687.905	2.901627	18.36441	2.588359	0.417167	4.201898	0.058252	0.693781	0.165111	364.9875	2.461864	354.0233	12.55991	283.7567	94.80441	364.9875	2.461864	128.6269
081019BK-01 2	898.8914	821.0907	1.459493	17.33032	3.533918	0.08909	9.763781	0.016319	0.711574	0.072879	104.3502	0.736552	86.65552	8.110046	NA	NA	104.3502	0.736552	
081019BK-01 3	408.8895	3142.663	2.179837	18.3288	3.241082	0.215221	4.415399	0.031249	0.849205	0.192328	198.361	1.658839	197.9245	7.94032	193.7598	100.7706	198.361	1.658839	102.3747
081019BK-01 5	85.31611	482.4468	7.334078	10.2209	14.35283	0.284678	35.79402	0.030291	2.492563	0.069636	192.369	4.724083	254.3618	80.70742	874.3925	763.1328	192.369	4.724083	22.00031
081019BK-01 6	1212.231	16308.76	6.177865	18.43142	1.512052	0.419287	2.078514	0.056911	0.604178	0.290678	356.814	2.097216	355.5411	6.2349	348.2032	44.96419	356.814	2.097216	102.4729
081019BK-01 7	595.946	41212.93	3.774919	10.48541	0.663846	3.527735	0.883407	0.268848	0.570525	0.645823	1534.951	7.792735	1533.454	6.988957	1532.19	12.69849	1532.19	12.69849	100.1802
081019BK-01 8	395.8644	4656.475	3.7626	17.39864	3.344398	0.371215	5.906214	0.049485	0.817061	0.138339	311.3583	2.483527	320.5538	16.23665	388.8771	131.4168	311.3583	2.483527	80.06597
081019BK-01 9	1388.854	3800.99	3.666549	18.86093	3.792927	0.077591	4.361032	0.011437	0.880392	0.201877	73.30907	0.641752	75.87751	3.188437	158.5507	99.96172	73.30907	0.641752	46.23699
081019BK-01 10	121.8947	15201.6	0.79575	5.611765	0.72378	11.87435	0.988592	0.484885	0.639296	0.646673	2548.507	13.45757	2594.544	9.258567	2631.401	12.53	2631.401	12.53	96.84985
081019BK-01 11	286.9115	2548.736	1.724337	15.69984	4.676448	0.247968	6.004801	0.030974	1.112038	0.185191	196.6432	2.153731	224.9239	12.11548	533.0772	129.3348	196.6432	2.153731	36.88832
081019BK-01 12	94.64401	8372.631	1.512594	8.830922	1.230312	5.028849	1.993223	0.326439	0.636641	0.319403	1821.098	10.10015	1824.193	16.8834	1828.5	34.24688	1828.5	34.24688	99.59517
081019BK-01 13	112.4175	12630.17	2.00484	8.90048	1.194833	4.976387	1.510234	0.324355	0.637924	0.422401	1810.962	10.07172	1815.318	12.76946	1821.095	24.84208	1821.095	24.84208	99.44358
081019BK-01 14	525.7748	4529.639	3.004044	16.91783	3.497865	0.238763	4.324273	0.030987	0.67808	0.156808	196.7225	1.313789	217.4072	8.463153	448.7049	94.93869	196.7225	1.313789	43.8423
081019BK-01 15	590.5095	26174.79	2.491514	13.70474	0.825138	1.726794	1.072343	0.172941	0.590585	0.550743	1028.295	5.613355	1018.558	6.895385	998.5515	18.18168	998.5515	18.18168	102.9787
081019BK-01 16	98.91248	15355.7	2.212399	4.978145	0.776834	15.03761	1.069898	0.545048	0.671803	0.627914	2804.543	15.27755	2817.624	10.18652	2827.698	13.58687	2827.698	13.58687	99.18114
081019BK-01 17	113.0394	14595.59	2.994727	7.358841	0.676072	7.387152	0.967187	0.396906	0.620907	0.641972	2154.779	11.37277	2159.416	8.649946	2164.572	12.93189	2164.572	12.93189	99.54758
081019BK-01 18	606.0118	5907.078	2.513239	17.77724	4.05275	0.212633	4.798225	0.028695	0.761692	0.158744	182.3754	1.369672	195.7594	8.543214	361.26	106.9061	182.3754	1.369672	50.48314
081019BK-01 19	545.2252	2498.65	1.848157	18.68195	2.865598	0.10995	10.82165	0.016747	1.50199	0.138795	107.0612	1.594769	105.92	10.88512	81.33785	NA	107.0612	1.594769	131.6253
081019BK-01 20	412.3453	1154.775	2.560461	13.37793	9.906533	0.099948	16.24497	0.011655	2.508506	0.154417	74.69721	1.86297	96.72803	14.98929	681.7847	344.8457	74.69721	1.86297	10.95613
081019BK-01 21	353.1711	5393.779	4.918212	16.65969	3.051721	0.250102	5.024765	0.031645	0.970234	0.19309	200.8358	1.918536	226.6587	10.20778	504.8198	108.538	200.8358	1.918536	39.78367
081019BK-01 22	724.4052	7272.195	9.481293	18.14652	1.260914	0.408106	1.595526	0.05575	0.655296	0.410708	349.7267	2.230689	347.5102	4.695419	333.7117	32.95792	349.7267	2.230689	104.7991
081019BK-01 23	207.0741	505.7904	2.408739	8.06513	16.25485	0.158172	18.47497	0.011876	3.677291	0.199042	76.10503	2.782149	149.1015	25.62487	1560.221	342.4515	76.10503	2.782149	4.877836
081019BK-01 24	751.7933	3521.93	1.315428	17.31154	4.43594	0.126396	6.36703	0.017113	0.830037	0.130365	109.3842	0.900269	120.8545	7.254671	353.9106	142.6975	109.3842	0.900269	30.90729
081019BK-01 25	97.58902	361.0461	2.282511	7.583071	24.88164	0.172722	27.49525	0.013429	4.735219	0.17222	85.99086	4.044818	161.7781	41.14118	1494.484	522.2831	85.99086	4.044818	5.753881
081019BK-01 26	605.6175	2781.766	4.025408	16.49859	4.698474	0.117113	6.54359	0.015355	1.315637	0.201057	98.22961	1.282549	112.4512	6.96563	426.0462	143.0989	98.22961	1.282549	23.05609
081019BK-01 27	553.5297	4603.123	3.063743	17.57268	7.191699	0.230833	7.73164	0.031182	0.778209	0.100652	197.942	1.516992	210.8863	14.72418	359.0259	173.8339	197.942	1.516992	55.13307
081019BK-01 28	323.6619	3262.84	3.044092	16.74506	5.987659	0.238416	8.091638	0.031301	0.83007	0.102584	198.6857	1.624073	217.1224	15.81867	423.0134	179.8606	198.6857	1.624073	46.96912
081019BK-01 29	685.8548	6896.657	3.42416	19.06403	3.491815	0.219382	3.79879	0.03164	0.77154	0.203101	200.802	1.525386	201.3951	6.939732	209.333	86.27955	200.802	1.525386	95.92467
081019BK-01 30	533.8642	2012.292	5.326682	15.07475	6.496128	0.12416	8.3636	0.015246	1.236087	0.147794	97.53778	1.196576	118.8367	9.379723	570.4851	180.2605	97.53778	1.196576	17.09734
081019BK-01 31	1273.05	7255.209	2.07132	19.16957	3.86888	0.103102	4.101655	0.014925	0.78443	0.191247	95.5007	0.743614	99.63562	3.892622	200.7477	93.52288	95.5007	0.743614	47.57251
081019BK-01 32	395.3305	3774.36	2.061357	16.67842	4.741266	0.240956	5.768144	0.031177	1.073214	0.186059	197.9115	2.091741	219.2031	11.37275	455.4408	125.8377	197.9115	2.091741	43.45493
081019BK-01 33	1240.527	7206.145	2.750904	17.78357	3.177939	0.170483	3.77737	0.02281	0.739279	0.195713	145.392	1.062823	159.8379	5.586498	380.5903	83.32101	145.392	1.062823	38.20171
081019BK-01 34	633.7282	2001.044	11.21752	13.34043	9.252905	0.120222	9.933878	0.012866	1.309324	0.131804	82.40748	1.072114	115.2736	10.82546	862.542	204.7507	82.40748	1.072114	9.554025
081019BK-01 35	202.3201	1727.1	2.384659	14.58592	6.412684	0.252985	9.973002	0.030499	1.16392	0.116707	193.6724	2.220666	228.9984	20.44862	610.2394	214.5577	193.6724	2.220666	31.73712
081019BK-01 36	709.7472	2019.25	2.346483	13.97373	12.73208	0.098968	15.53433	0.011144	1.349546	0.086875	71.44314	0.958835	95.82353	14.20567	755.973	328.3851	71.44314	0.958835	9.450488
081019BK-01 37	1328.941	7705.022	1.620003	18.99071	2.546	0.170072	3.704355	0.024304	0.645245	0.174185	154.8003	0.986944	159.4818	5.467235	230.5697	84.24616	154.8003	0.986944	67.13819
081019BK-01 38	330.5354	4596.937	2.541962	17.63573	3.149919	0.447366	5.384182	0.060595	1.307166	0.242779	379.2407	4.814305	375.4334	16.89953	353.014	118.0641	379.2407	4.814305	107.4294
081019BK-01 39	431.2399	2201.821	5.595431	16.47262	9.973283	0.084834	13.30994	0.011368	1.821576	0.136858	72.86853	1.319882	82.6793	10.56883	377.1635	297.7562	72.86853	1.319882	19.32014
081019BK-01 40	541.9066	51112.37	1.959486	5.817559	0.628151	9.891412	1.049339	0.417422	0.835374	0.796095	2248.767	15.85902	2424.709	9.676832	2576.579	10.61072	2576.579	10.61072	87.27727
081019BK-01 41	159.7145	22676.77	0.558994	8.534063	0.894416	5.559904	1.188036	0.345446	0.686943	0.578217	1912.817	11.36981	1909.911	10.22455	1907.522	17.40707	1907.522	17.40707	100.2776
081019BK-01 42	148.0386	14351.84	0.504051	8.470773	0.892531	5.799669	1.12719	0.358699	0.634436	0.562848	1976.004	10.79726	1946.361	9.762385	1915.732	16.7152	1915.732	16.7152	103.1462
081019BK-01 43	430.3471	40632.41	0.799852	8.567813	0.634139	5.462364	0.924244	0.339971	0.663181	0.717539	1886.528	10.84668	1894.7	7.932586	1904.43	11.56621	1904.43	11.56621	99.06
081019BK-01 44	145.1998	2387.867	2.54571	16.62588	8.456495	0.403612	9.831626	0.054069	1.387902	0.141167	339.4543	4.5894	344.2647	28.71363	377.8197	219.3905	339.4543	4.5894	89.84558
081019BK-01 45	3171.014	11411.7	2.058699	19.73859	2.904309	0.077089	3.249524	0.01131	0.658249	0.202568	72.50229	0.474572	75.4046	2.361524	169.3992	74.32696	72.50229	0.474572	42.79967
081019BK-01 46	795.9024	3191.425	5.930039	17.16873	3.467542	0.113021	4.538128	0.015258	1.106615	0.243848	97.61607	1.072096	108.7248	4.67912	360.4204	99.33797	97.61607	1.072096	27.08395
081019BK-01 47	155.5202	1632.35	2.225147	15.33669	5.555272	0.38757	7.753567	0.049884	1.592574	0.205399	313.8082	4.877939	332.593	21.99353	467.1476	168.2827	313.8082	4.877939	67.17539
081019BK-01 48	432.5866	7995.498	3.193737	18.24898	2.672163	0.420991	3.528593	0.057572	0.760325	0.215476	360.8436	2.668211	356.7592	10.61521	331.2482	78.1523	360.8436	2.668211	108.9345
081019BK-01 49	272.4021	22803.1	1.017042	8.564781	0.778739	5.467723	1.113034	0.340678	0.679665	0.610642	1889.931	11.13353	1895.542	9.55446	1902.457	15.83822	1902.457	15.83822	99.34158
081019BK-01 50	265.2955	7549.696	1.113541	15.54696	1.639598	1.061479	3.129848	0.123476	0.747393	0.238795	750.5384	5.295237	734.5522	16.36527	687.0441	64.87329	750.5384	5.295237	109.2417
081019BK-01 51	222.9259	1759.752	2.723122	14.81236	8.604281	0.250746	12.25364	0.03072	1.466478	0.119677	195.0539	2.817581	227.1817	24.94863	575.3446	265.3552	195.0539	2.817581	33.90211
081019BK-01 52	452.5052	2795.504	2.588663	17.19969	4.4115	0.223027	5.994884	0.030659	0.794282	0.132493	194.6738	1.523144	204.4256	11.10066	319.4347	135.1734	194.6738	1.523144	60.94322
081019BK-01 53	534.2147	4146.44	3.789472	18.34278	3.635831	0.214268	4.297698	0.030515	0.85121	0.198062	193.7684	1.624833	197.128	7.700468	238.5254	97.15863	193.7684	1.624833	81.23595
081019BK-01 54	104.5306	10241.68	1.542664	8.101429	1.376469	6.014451	1.62711	0.357503	0.570459	0.350596	1970.327	9.684599	1977.938	14.16699	1986.665	27.1118	1986.665	27.1118	99.17765
081019BK-01 55	759.3033	2134.186	3.463252	17.56547	6.133649	0.089622	6.839931	0.013004	0.73782	0.107869	83.28698	0.610555	87.15107	5.712477	195.3606	158.1829	83.28698	0.610555	42.63244
081019BK-01 57	330.8153	2993.943	2.7381	15.7877	4.274097	0.24718	5.204306	0.030737	1.051749	0.202092	195.1583	2.021818	224.2829	10.47351	542.9131	111.4947	195.1583	2.021818	35.94651
081019BK-01 58	1822.25	4778.635	1.39723	19.1524	3.405874	0.076044	4.235366	0.011235	0.686755	0.162148	72.0228	0.491867	74.41916	3.039199	153.0963	97.93905	72.0228	0.491867	47.0441
081019BK-01 59	390.9925	1148.149	4.427944	13.44996	12.31731	0.101289	16.65449	0.011912	1.744573	0.104751	76.3351	1.323867	97.9659	15.55456	663.6407	357.0544	76.3351	1.323867	11.50247
081019BK-01 60	913.6406	11109.8	2.246272	17.88941	2.189661	0.444509	4.519512	0.059109	3.883731	0.859325	370.2071	13.97281	373.4266	14.12243	394.4048	51.8365	370.2071	13.97281	93.86475
081019BK-01 61	1881.326	3300.487	2.923299	20.08093	1.417053	0.093109	2.733892	0.014915	0.731378	0.267523	95.43624	0.692859	90.39553	2.364508	NA	NA	95.43624	0.692859	
081019BK-01 62	219.4242	8517.566	1.986601	9.610311	0.880259	4.158901	1.346234	0.29501	0.663687	0.492995	1666.516	9.746421	1665.963	11.02019	1666.053	21.67059	1666.053	21.67059	100.0277
081019BK-01 63	263.5804	4391.237	3.950956	13.40722	1.329296	1.665462	1.650085	0.169127	0.727243	0.44073	1007.298	6.781851	995.4587	10.46921	970.3339	30.19937	970.3339	30.19937	103.8094
081019BK-01 64	652.7064	1033.024	2.361943	14.86279	9.723347	0.080653	25.07468	0.011005	1.223873	0.048809	70.55806	0.858832	78.75865	19.00423	336.2573	NA	70.55806	0.858832	20.98335
081019BK-01 65	479.5738	9294.584	3.282542	12.75948	0.916987	2.07779	1.183755	0.195868	0.661615	0.558912	1153.085	6.985606	1141.506	8.114538	1120.451	19.57895	1120.451	19.57895	102.9126
081019BK-01 66	141.8365	575.4933	2.055969	13.40708	11.64085	0.235313	50.41114	0.034771	2.023459	0.040139	220.3409	4.383171	214.5753	97.80606	152.7655	NA	220.3409	4.383171	144.2347
081019BK-01 68	1088.808	1551.783	1.803776	17.41822	4.300857	0.105957	5.032363	0.016043	0.745388	0.148119	102.6004	0.758716	102.26	4.895481	95.38742	NA	102.6004	0.758716	107.5617
081019BK-01 69	117.2377	1003.76	2.144936	13.30387	9.112252	0.279571	12.84177	0.033318	2.764256	0.215255	211.2842	5.745765	250.3169	28.4968	635.1125	270.9221	211.2842	5.745765	33.26722
081019BK-01 70	1246.728	5940.58	2.900918	19.7849	2.619255	0.104813	3.531303	0.015783	0.758757	0.214866	100.9462	0.759971	101.2098	3.401688	108.4456	81.47421	100.9462	0.759971	93.08465
081019BK-01 71	994.1883	7273.364	2.213414	17.9892	2.469898	0.255783	2.95462	0.034549	1.070698	0.362381	218.9577	2.305009	231.2629	6.110739	359.2308	62.15113	218.9577	2.305009	60.95181
081019BK-01 72	435.0155	45764.86	2.443839	8.75	0.681781	5.242369	0.974716	0.332818	0.674173	0.691661	1852.026	10.85241	1859.532	8.311817	1868.703	12.70224	1868.703	12.70224	99.10758
081019BK-01 73	760.7115	11236.69	4.51731	18.06005	1.625545	0.492213	2.890023	0.065815	0.689044	0.238422	410.8916	2.74288	406.4175	9.679807	382.0296	63.07447	410.8916	2.74288	107.5549
081019BK-01 74	608.681	7621.34	2.47242	18.4836	2.796169	0.414611	3.069185	0.057312	0.688339	0.224274	359.2605	2.405285	352.1905	9.134162	306.8391	68.1223	359.2605	2.405285	117.0843
081019BK-01 75	445.7527	43684.88	3.473024	5.678365	0.648527	12.04991	0.944685	0.494336	0.685004	0.725114	2589.409	14.60785	2608.297	8.85736	2623.705	10.82046	2623.705	10.82046	98.69284
081019BK-01 76	547.3983	11318.72	1.265772	16.02767	1.333891	0.91896	1.761211	0.108461	0.7187	0.408071	663.8037	4.533349	661.8097	8.564112	655.9754	34.50835	663.8037	4.533349	101.1934
081019BK-01 77	313.7702	42850.93	3.526871	7.908712	0.732257	6.480903	1.044815	0.370619	0.704323	0.674113	2032.313	12.27728	2043.31	9.190995	2055.18	13.624	2055.18	13.624	98.88735
081019BK-01 78	704.7462	2838.575	2.032268	17.23047	2.921086	0.116084	3.337082	0.015826	1.063815	0.318786	101.221	1.068395	111.5155	3.524306	338.262	71.63983	101.221	1.068395	29.92384
081019BK-01 79	443.453	43457.61	2.059857	5.7611	0.666971	11.5077	1.021013	0.478863	0.758061	0.74246	2522.31	15.82364	2565.208	9.538607	2599.996	11.39949	2599.996	11.39949	97.01206
081019BK-01 80	552.0284	5707.355	4.291819	16.75747	4.098387	0.244096	4.3704	0.030815	0.90267	0.206542	195.646	1.739506	221.7691	8.707004	509.8729	94.04479	195.646	1.739506	38.37152

081019BK-01 81	435.797	3812.862	2.760375	16.30116	4.938708	0.248978	6.663597	0.03121	0.91082	0.136686	198.1173	1.777045	225.7454	13.4887	525.3262	144.8891	198.1173	1.777045	37.71319
081019BK-01 82	320.6232	857.6384	3.812421	13.12918	9.401472	0.090508	16.29418	0.011024	2.637427	0.161863	70.67617	1.853851	87.97689	13.73248	588.0562	350.8798	70.67617	1.853851	12.01861
081019BK-01 83	336.0603	7193.565	1.450382	16.15906	3.124414	0.819188	4.143178	0.098886	0.745309	0.179888	607.8787	4.323526	607.5956	18.94611	607.4596	88.18316	607.8787	4.323526	100.069
081019BK-01 84	245.7816	3308.209	1.698829	16.56191	4.654805	0.362414	6.353785	0.046786	0.982837	0.154685	294.7621	2.831794	314.0152	17.16324	460.4384	139.2844	294.7621	2.831794	64.0177
081019BK-01 85	115.9257	11435.72	2.87036	9.6221	1.550696	4.202807	2.014914	0.295625	0.804232	0.39914	1669.577	11.82938	1674.568	16.52824	1681.615	34.11473	1681.615	34.11473	99.28416
081019BK-01 86	794.9684	6262.584	3.81286	18.78253	2.455184	0.214996	4.397325	0.030524	0.710529	0.161582	193.8271	1.3567	197.7361	7.901	245.6361	99.96878	193.8271	1.3567	78.90822
081019BK-01 87	306.782	3668.984	2.043571	16.91227	4.143061	0.425454	7.578997	0.055741	0.849926	0.112142	349.6751	2.892813	359.9434	22.97286	427.62	168.1445	349.6751	2.892813	81.77238
081019BK-01 88	414.7785	2815.181	2.904498	17.76215	4.335151	0.234694	6.638986	0.03322	0.877406	0.13216	210.6694	1.818549	214.0662	12.81437	252.6242	151.5024	210.6694	1.818549	83.39243
081019BK-01 89	172.3768	22987.93	1.046028	6.46233	0.68974	9.498101	0.964891	0.44621	0.642185	0.665552	2378.382	12.77283	2387.363	8.864313	2395.761	12.25006	2395.761	12.25006	99.27459
081019BK-01 90	515.2461	3147.286	2.684878	16.70573	6.612853	0.221172	8.292064	0.029013	0.816378	0.098453	184.3703	1.483839	202.8845	15.25028	424.8349	184.3446	184.3703	1.483839	43.3981
081019BK-01 91	479.1684	1144.939	4.987908	12.20018	7.951796	0.086936	13.31774	0.009071	2.40765	0.180785	58.21063	1.395199	84.64526	10.81616	914.8551	270.6226	58.21063	1.395199	6.362825
081019BK-01 92	314.5384	590.145	3.351259	12.16874	20.94433	0.086778	28.75461	0.010937	2.071539	0.072042	70.12235	1.44474	84.49751	23.31753	513.4252	NA	70.12235	1.44474	13.65775
081019BK-01 93	141.9166	1580.321	6.173172	13.35719	10.31825	0.301637	12.15441	0.033231	2.295271	0.188843	210.74	4.758846	267.6783	28.60711	801.9293	250.8381	210.74	4.758846	26.27913
081019BK-01 94	292.5125	30909.94	1.302298	8.120544	0.559794	6.042179	0.87264	0.355886	0.620122	0.710627	1962.646	10.49261	1981.944	7.602555	2002.894	10.90198	2002.894	10.90198	97.99047
081019BK-01 95	364.9302	38084.53	1.883342	9.648177	0.792794	4.148053	0.978107	0.290489	0.537368	0.549396	1643.973	7.79768	1663.826	8.002515	1689.758	15.07465	1689.758	15.07465	97.29042
081019BK-01 96	471.4718	35256.12	2.725879	8.802285	0.539211	4.555252	0.728443	0.291011	0.487166	0.668777	1646.578	7.079035	1741.122	6.065118	1857.406	9.783428	1857.406	9.783428	88.64931
081019BK-01 97	713.2238	67717.13	6.358275	9.154108	0.551701	4.722283	0.78131	0.313255	0.544397	0.696775	1756.704	8.37111	1771.202	6.546994	1789.112	10.20894	1789.112	10.20894	98.18857
081019BK-01 98	188.4014	38059.16	2.902296	6.034404	0.589524	10.57	0.843345	0.462275	0.583934	0.692402	2449.595	11.90019	2486.079	7.823221	2516.745	10.22424	2516.745	10.22424	97.33187
081019BK-01 99	2009.912	6918.036	8.025844	18.95555	2.045209	0.094825	3.262959	0.013569	0.77681	0.238069	86.88564	0.670408	91.9877	2.869583	227.4525	73.24416	86.88564	0.670408	38.19947
081019BK-01 100	339.0665	4981.434	5.105645	16.81521	3.848141	0.449988	5.886406	0.057605	0.686983	0.116707	361.0428	2.412123	377.2712	18.55091	479.0845	129.3009	361.0428	2.412123	75.36098
081019BK-01 101	583.7803	7964.333	1.88297	18.76708	2.276989	0.412287	3.868598	0.058013	0.648697	0.167683	363.5303	2.292948	350.5206	11.46776	266.2133	87.55878	363.5303	2.292948	136.556
081019BK-01 102	115.9528	9541.586	2.138209	7.774204	1.084497	6.635776	1.304044	0.377822	0.674547	0.517273	2066.099	11.92407	2064.116	11.50746	2062.89	19.68306	2062.89	19.68306	100.1556
081019BK-01 103	201.3802	12173.43	3.938081	13.22171	1.574811	1.792658	2.039652	0.174266	0.733581	0.35966	1035.573	7.017988	1042.792	13.29507	1058.846	38.31607	1058.846	38.31607	97.80197
081019BK-01 104	326.5494	1831.582	2.730353	13.31037	5.474055	0.215355	7.182155	0.023172	1.153814	0.16065	147.6736	1.68451	198.0363	12.92289	851.1918	147.4923	147.6736	1.68451	17.34904
081019BK-01 105	222.1753	10209.84	2.696372	13.12448	1.314055	1.862782	1.872624	0.180268	0.711998	0.380214	1068.439	7.010279	1067.974	12.37302	1067.918	34.81656	1067.918	34.81656	100.0488
081019BK-01 107	526.454	28532.92	2.406619	13.1365	0.830607	1.89655	1.233834	0.181444	0.653333	0.529515	1074.856	6.468172	1079.881	8.203126	1090.889	20.94788	1090.889	20.94788	98.53029
081019BK-01 108	541.2117	4207.939	2.50196	16.47668	4.47202	0.232085	5.10554	0.029343	0.830519	0.16267	186.4322	1.526181	211.918	9.765413	506.5521	110.8706	186.4322	1.526181	36.80415
081019BK-01 109	345.0783	23091.71	4.018612	11.17888	1.409759	2.607625	2.459963	0.212357	1.974961	0.802842	1241.365	22.30053	1302.787	18.05627	1406.237	28.0843	1406.237	28.0843	88.27565
081019BK-01 110	883.6162	4539.584	1.803258	17.49229	3.815302	0.14282	4.994507	0.019157	0.739471	0.148057	122.325	0.89603	135.5522	6.337797	374.9557	111.2174	122.325	0.89603	32.62385
081019BK-01 111	680.3458	5438.895	2.534693	18.03987	4.618022	0.212046	5.672785	0.029092	0.779333	0.137381	184.8627	1.420235	195.2682	10.07747	323.9075	127.713	184.8627	1.420235	57.07268
081019BK-01 112	206.724	26468.23	1.629122	4.625396	0.658602	16.53627	0.957223	0.554232	0.665986	0.695748	2842.748	15.30946	2908.332	9.165481	2954.74	11.09729	2954.74	11.09729	96.20975
081019BK-01 113	3426.062	16123.97	2.199387	20.04476	1.402001	0.113861	1.851071	0.016814	0.693283	0.374531	107.4914	0.739041	109.4909	1.921306	154.1979	40.20916	107.4914	0.739041	69.71002
081019BK-01 114	272.6353	2335.684	5.334358	16.98371	6.254698	0.228285	7.189791	0.031384	1.163891	0.161881	199.2018	2.283035	208.7822	13.56909	319.341	161.4354	199.2018	2.283035	62.37903
081019BK-01 115	378.9027	41923.7	3.386686	9.171913	0.814872	4.727814	1.06534	0.314551	0.663835	0.623121	1763.064	10.23983	1772.183	8.92896	1783.718	15.18953	1783.718	15.18953	98.8421
081019BK-01 116	454.5656	40922.14	3.980274	10.74903	0.861366	3.0881	1.143291	0.24095	0.736695	0.644364	1391.635	9.221025	1429.741	8.769351	1487.735	16.55838	1487.735	16.55838	93.54046
081019BK-01 117	384.6318	2750.938	3.62676	16.33557	3.386099	0.247754	4.810758	0.032047	0.896288	0.186309	203.3453	1.794113	224.7505	9.699492	456.1427	104.9035	203.3453	1.794113	44.57931
081019BK-01 118	144.4809	1204.841	3.084007	12.08704	9.180176	0.300363	10.4874	0.030645	1.448718	0.138139	194.581	2.776813	266.6834	24.60164	960.8293	212.7721	194.581	2.776813	20.25136
081019BK-01 119	737.3576	6938.374	2.406241	18.34108	3.823172	0.215047	4.285151	0.029651	0.765197	0.178569	188.3617	1.420483	197.7791	7.700955	312.6299	95.97891	188.3617	1.420483	60.25068
081019BK-01 120	831.5741	16331.6	2.046321	18.33258	1.989953	0.423677	2.63791	0.057064	0.618573	0.234494	357.7431	2.15262	358.6771	7.971176	365.6826	57.81357	357.7431	2.15262	97.82885
081019BK-01 121	167.4051	1285.122	4.427526	10.06456	16.24351	0.224587	19.83325	0.018345	5.380802	0.271302	117.1872	6.248647	205.7201	36.94962	1400.464	369.1759	117.1872	6.248647	8.367743
081019BK-01 122	550.4713	1982.171	3.520154	16.95825	3.240603	0.110907	4.93241	0.015544	0.99493	0.201713	99.43161	0.981685	106.7943	5.000024	275.2768	110.7237	99.43161	0.981685	36.12059
081019BK-01 123	1224.778	3631.87	2.922595	17.83304	3.914637	0.081318	8.561166	0.011297	0.782783	0.091434	72.4191	0.563712	79.3835	6.537369	295.3678	194.9226	72.4191	0.563712	24.51828
081019BK-01 124	264.3375	19616.4	3.346121	8.818053	0.698223	5.010256	0.981558	0.321364	0.589543	0.60062	1796.389	9.24292	1821.056	8.308498	1850.162	14.19053	1850.162	14.19053	97.09359
081019BK-01 125	216.3676	14101.15	2.64708	9.09512	0.939663	4.46865	1.426053	0.296434	0.632566	0.443578	1673.602	9.323993	1725.168	11.83264	1789.087	23.28509	1789.087	23.28509	93.54503
081019BK-01 126	244.0585	22005.96	2.420978	9.033718	0.708948	4.816958	1.110043	0.316361	0.709465	0.639133	1771.932	10.99152	1787.864	9.333804	1807.281	15.51818	1807.281	15.51818	98.04409
081019BK-01 127	250.9626	28854.27	2.009641	6.825482	0.651742	8.667623	0.972051	0.429016	0.662373	0.681418	2301.28	12.8191	2303.683	8.849326	2306.546	12.21509	2306.546	12.21509	99.7717
081019BK-01 128	349.3037	1514.079	3.209425	15.77236	11.522	0.096035	17.65979	0.012894	1.725802	0.097725	82.58978	1.416244	93.10939	15.71281	372.7326	NA	82.58978	1.416244	22.15792
081019BK-01 129	595.0636	7890.643	4.134915	17.6133	2.255689	0.450365	3.009296	0.059136	0.913273	0.303484	370.3719	3.287171	377.5349	9.488439	422.6634	64.00461	370.3719	3.287171	87.6281
081019BK-01 130	532.1068	3144.771	2.35776	17.80637	4.529825	0.189387	6.724134	0.026526	0.766826	0.114041	168.7691	1.277372	176.1063	10.87202	276.8073	153.115	168.7691	1.277372	60.9699
081019BK-01 131	721.4895	5903.405	5.364057	18.35481	2.489543	0.218911	3.042503	0.030364	0.754433	0.247965	192.8237	1.433184	201.0027	5.548304	299.0482	67.24565	192.8237	1.433184	64.47914
081019BK-01 132	183.0168	757.9707	2.352985	14.29973	7.817839	0.12029	13.09321	0.017167	2.203965	0.168329	109.7274	2.397888	115.3346	14.27587	233.6689	NA	109.7274	2.397888	46.9585
081019BK-01 133	598.7972	4425.351	2.794718	19.02079	3.674802	0.197265	6.43097	0.028898	0.943071	0.146645	183.6502	1.707514	182.8093	10.75926	172.9474	148.6057	183.6502	1.707514	106.1885
081019BK-01 134	190.3745	1789.836	2.154123	13.40243	11.45458	0.280314	12.99803	0.030348	1.013144	0.077946	192.7289	1.92372	250.9066	28.90369	838.3342	270.925	192.7289	1.92372	22.9895
081019BK-01 135	1589.16	5423.204	3.003176	19.40211	2.447922	0.101437	2.695806	0.014975	0.682939	0.253334	95.81673	0.649531	98.10215	2.520908	155.0522	61.07247	95.81673	0.649531	61.79643
081019BK-01 136	750.3287	2919.007	2.058294	14.37693	4.684615	0.099051	8.179666	0.01105	1.310846	0.160257	70.8428	0.923556	95.89971	7.48537	775.6042	170.1125	70.8428	0.923556	9.133886
081019BK-01 137	196.6768	1111.358	3.411958	11.06651	16.27185	0.149461	17.17971	0.013885	2.8496	0.16587	88.8916	2.51567	141.4358	22.68565	1149.546	338.8146	88.8916	2.51567	7.73276
081019BK-01 138	106.4765	10527.51	1.59579	8.809758	1.241348	5.158162	1.571561	0.332027	0.658154	0.41879	1848.2	10.57565	1845.741	13.36688	1843.744	25.82753	1843.744	25.82753	100.2417
081019BK-01 139	487.7141	13300.56	3.318657	11.4221	0.863778	2.509694	1.560636	0.20951	0.895282	0.573665	1226.204	9.997076	1274.843	11.33186	1358.637	24.64006	1358.637	24.64006	90.25254
081019BK-01 140	81.34832	8768.397	1.758905	7.737301	1.274096	6.697141	1.66359	0.378572	0.774976	0.465845	2069.607	13.7191	2072.243	14.69828	2075.614	25.92602	2075.614	25.92602	99.7106
081019BK-01 141	818.8831	6823.888	2.408112	19.09697	2.470846	0.2005	4.469866	0.028834	0.708814	0.158576	183.2456	1.280584	185.5496	7.580285	216.0021	102.2549	183.2456	1.280584	84.8351
081019BK-01 142	318.4005	4851.768	4.194795	15.73299	5.447066	0.255665	5.767375	0.030478	0.9177	0.159119	193.5398	1.749716	231.1678	11.92411	634.5098	122.6482	193.5398	1.749716	30.50225
081019BK-01 143	684.5249	8241.943	1.999069	18.4988	2.260668	0.210101	3.045411	0.029019	0.851388	0.279564	184.4066	1.547773	193.6378	5.368922	308.7011	66.59474	184.4066	1.547773	59.73629
081019BK-01 144	778.1103	9880.042	2.670766	18.47423	2.462468	0.414102	2.647844	0.057008	0.738065	0.278742	357.4029	2.566074	351.825	7.873317	316.1425	57.8249	357.4029	2.566074	113.0512
081019BK-01 145	444.6501	9961.267	2.761913	17.19137	2.176665	0.462085	2.800858	0.058808	0.820915	0.293094	368.3696	2.939221	385.7067	8.98838	492.0692	59.06882	368.3696	2.939221	74.86133
081019BK-01 146	362.0965	3433.304	2.78321	17.30234	4.582301	0.231691	6.333941	0.031234	1.003529	0.158437	198.269	1.959401	211.5935	12.0985	363.6089	141.1365	198.269	1.959401	54.52809
081019BK-01 147	422.7313	5607.873	3.418987	17.2034	3.056162	0.433989	3.464646	0.056405	0.721503	0.208247	353.7223	2.483361	366.0048	10.64725	445.5149	75.34658	353.7223	2.483361	79.39629
081019BK-01 148	111.9379	6783.682	3.036869	11.56495	1.984937	2.640574	2.517954	0.225791	0.800671	0.317985	1312.403	9.507436	1312.018	18.54618	1312.217	46.31944	1312.217	46.31944	100.0142
081019BK-01 149	390.8164	27158.53	2.89913	10.38759	0.814125	3.597876	1.118542	0.270089	0.713228	0.637641	1541.254	9.77732	1549.063	8.887555	1560.532	16.16064	1560.532	16.16064	98.76467
081019BK-01 150	449.9832	15462.62	2.633062	16.08963	1.507755	0.863529	2.04851	0.101502	0.697571	0.340526	623.204	4.143764	632.0473	9.638773	664.7619	41.2786	623.204	4.143764	93.74846
081019BK-01 151	936.5475	11819.86	3.146193	18.48196	2.012564	0.420524	2.846298	0.057234	0.693966	0.243814	358.7825	2.421811	356.4259	8.555848	342.0871	62.47329	358.7825	2.421811	104.8805
081019BK-01 152	1716.121	5497.553	2.522199	19.47598	2.895713	0.077059	4.32274	0.011427	0.838436	0.193959	73.24237	0.610615	75.37588	3.140313	144.5667	99.53797	73.24237	0.610615	50.66338
081019BK-01 153	1480.555	7004.986	3.107771	18.79708	1.923208	0.220283	3.263606	0.031183	0.758151	0.232305	197.9454	1.477918	202.1455	5.982097	252.4481	73.05445	197.9454	1.477918	78.41032
081019BK-01 154	331.2145	2473.386	3.51776	16.18599	5.975905	0.238223	9.516084	0.030838	0.965483	0.101458	195.7921	1.861921	216.964	18.59178	454.3896	210.5374	195.7921	1.861921	43.08902
081019BK-01 155	659.9925	36894.65	3.595145	10.54182	0.742784	3.407916	1.071279	0.260926	0.75597	0.705671	1494.575	10.08441	1506.221	8.41004	1523.441	14.30584	1523.441	14.30584	98.10525
081019BK-01 156	727.263	5753.456	2.309645	18.21912	2.956495	0.214216	4.033516	0.029608	0.91547	0.226966	188.0934	1.69706	197.0843	7.225646	307.1139	89.49609	188.0934	1.69706	61.24549
081019BK-01 157	537.6184	1563.492	2.92935	15.80682	4.447251	0.085653	12.31276	0.011506	2.011376	0.163357	73.74965	1.47493	83.44622	9.863985	371.5993	274.4071	73.74965	1.47493	19.84655
081019BK-01 158	2092.603	6685.473	2.292967	18.87569	3.155568	0.080886	3.645368	0.011488	0.887452	0.243446	73.63204	0.649731	78.97773	2.769916	244.887	81.46817	73.63204	0.649731	30.06776
081019BK-01 159	292.8559	23959.97	2.758125	8.844941	0.748426	5.086635	1.069774	0.326089	0.750532	0.70158	1819.395	11.89737	1833.879	9.077927	1851.132	13.78238	1851.132	13.78238	98.28557
081019BK-01 160	111.9857	913.6147	1.902964	12.6672	11.80203	0.298374	14.93145	0.034088	1.880733	0.125958	216.0799	3.996532	265.1294	34.85489	725.3885	315.7435	216.0799	3.996532	29.78817
081019BK-01 161	406.3183	7793.971	1.803401	17.30491	2.846619	0.447825	3.589431	0.057756	0.804292	0.224072	361.9653	2.831032	375.7554	11.27369	462.6567	77.55933	361.9653	2.831032	78.23625
081019BK-01 162	277.2293	29227.25	2.42612	7.898857	0.729191	6.175099	1.048782	0.351585	0.718294	0.684884	1942.164	12.04503	2000.931	9.165222	2062.923	13.47691	2062.923	13.47691	94.14623
081019BK-01 163	1407.856	5547.838	3.601251	19.26301	3.011017	0.104586	3.505303	0.015225	0.834033	0.237935	97.40823	0.80631	101.0005	3.37	187.6177	79.25031	97.40823	0.80631	51.91846
081019BK-01 164	806.684	22057.76	2.224418	17.77977	1.41671	0.520895	1.742341	0.067201	0.780268	0.447828	419.2718	3.167328	425.7488	6.059251	461.9127	34.55407	419.2718	3.167328	90.76863
081019BK-01 165	919.8972	8581.177	2.320917	18.54078	3.012995	0.21379	4.173931	0.029354	0.857736	0.205498	186.5019	1.576775	196.7283	7.464952	322.2155	92.82665	186.5019	1.576775	57.88112
081019BK-01 167	763.7938	10993.1	1.049322	17.76807	1.440962	0.54427	1.829225	0.07102	0.796705	0.435543	442.2982	3.405645	441.2357	6.54627	436.6453	36.6697	442.2982	3.405645	101.2946
081019BK-01 168	298.3271	2823.292	3.357908	14.68194	7.967746	0.230998	9.819804	0.026389	1.294313	0.131806	167.9085	2.145202	211.0219	18.71251	725.4807	206.8774	167.9085	2.145202	23.14445
081019BK-01 169	567.9046	13491.3	1.060363	16.43273	0.986549	0.807216	1.5605	0.097348	0.773025	0.49537	598.8508	4.420749	600.8911	7.077509	609.5173	29.30336	598.8508	4.420749	98.25
081019BK-01 170	771.3323	3384.898	3.4565	16.57119	5.796362	0.116608	8.296963	0.015004	1.148795	0.13846	96.00056	1.094678	111.9925	8.798092	467.8462	182.2121	96.00056	1.094678	20.51968
081019BK-01 171	394.3042	29505.64	1.984579	8.993091	0.801915	4.884293	1.114721	0.317985	0.725286	0.650644	1779.881	11.28039	1799.55	9.395413	1823.19	15.35689	1823.19	15.35689	97.62455
081019BK-01 172	330.5995	2458.14	4.807378	17.10481	4.469681	0.233551	6.220953	0.03207	1.22239	0.196496	203.4882	2.44857	213.1256	11.96	322.0198	138.7005	203.4882	2.44857	63.1912
081019BK-01 173	899.6357	8954.291	4.91345	19.36937	1.936796	0.212424	2.275077	0.030506	0.833405	0.36632	193.7122	1.590393	195.5852	4.047419	219.2324	48.99329	193.7122	1.590393	88.35928
081019BK-01 174	980.3969	4237.2	1.600112	18.63427	2.526564	0.214386	8.580689	0.030614	6.599922	0.76916	194.3886	12.63801	197.2263	15.38241	232.2883	126.6545	194.3886	12.63801	83.68423
081019BK-01 175	248.1344	16589.71	2.184782	8.875981	0.898504	5.136456	1.154127	0.329175	0.636525	0.551521	1834.382	10.162	1842.156	9.809415	1851.721	17.40529	1851.721	17.40529	99.06359
081019BK-01 176	422.6903	1302.61	1.354196	14.62989	8.534691	0.09504	17.59812	0.011919	1.99396	0.113305	76.37931	1.513986	92.18787	15.50986	524.3646	386.1161	76.37931	1.513986	14.56607
081019BK-01 177	1374.156	11606.91	106.5691	19.45285	1.644268	0.288419	2.142215	0.041231	0.669183	0.312379	260.4604	1.708214	257.3138	4.869254	229.726	47.02914	260.4604	1.708214	113.3787
081019BK-01 178	323.5889	20718.89	3.252494	10.58265	0.77554	3.441647	1.057686	0.263826	0.678232	0.641241	1509.389	9.126996	1513.962	8.32183	1521.165	15.3012	1521.165	15.3012	99.22584
081019BK-01 179	240.2828	10414.87	1.906768	13.57509	1.782398	1.737878	2.650484	0.172266	0.688639	0.259816	1024.583	6.523531	1022.677	17.08446	1019.461	51.83372	1019.461	51.83372	100.5024
081019BK-01 181	689.8217	11928.67	1.692437	18.22786	1.931142	0.408164	2.338342	0.054535	0.655314	0.280247	342.3024	2.18464	347.5518	6.882174	383.7442	50.42252	342.3024	2.18464	89.20069
081019BK-01 183	323.5877	44869.24	2.981633	5.884279	0.612935	11.51095	0.914112	0.486528	0.664409	0.726836	2555.638	14.01811	2565.471	8.540053	2573.965	10.49298	2573.965	10.49298	99.288
081019BK-01 184	227.2738	1593.34	3.158806	15.3314	6.011456	0.245505	9.928509	0.031433	1.461893	0.147242	199.5101	2.871953	222.9183	19.87396	478.7467	217.5327	199.5101	2.871953	41.67341
081019BK-01 185	289.5495	2279.412	2.749464	16.87874	4.958472	0.202031	12.75924	0.02746	1.249498	0.097929	174.6292	2.152699	186.8437	21.77832	345.1522	288.2926	174.6292	2.152699	50.59484
081019BK-01 186	384.322	2752.171	1.948529	17.75709	3.671277	0.204103	4.508087	0.028742	0.992766	0.220219	182.6682	1.788016	188.5924	7.759202	264.4392	100.9744	182.6682	1.788016	69.07759
081019BK-01 187	57.49579	85.90476	2.341448	8.38748	14.49577	-0.38074	169.1015	0.034473	3.217548	0.019027	218.4836	6.912022	NA	NA	NA	NA	218.4836	6.912022	
081019BK-01 188	767.7197	5780.259	5.940916	18.26269	2.66392	0.330541	4.903204	0.045411	0.75982	0.154964	286.2868	2.12767	289.9786	12.36882	320.8443	110.1208	286.2868	2.12767	89.2292

081019BK-01 189	3766.787	12284.63	2.594799	19.5691	1.694928	0.078822	2.459104	0.011379	0.688687	0.280056	72.9422	0.499512	77.03704	1.824342	206.9897	54.75798	72.9422	0.499512	35.23953
081019BK-01 190	383.9802	21834.01	2.188864	8.17894	0.657554	6.051198	0.950864	0.358348	0.646516	0.679925	1974.341	10.99492	1983.244	8.285834	1993.298	12.39498	1993.298	12.39498	99.04896
081019BK-01 191	371.7019	6472.567	2.330089	16.53022	2.39262	0.788127	2.800064	0.097469	0.647263	0.23116	599.5615	3.705739	590.1088	12.53192	554.8496	59.42552	599.5615	3.705739	108.0584
081019BK-01 192	554.4579	11668.86	1.889501	17.72756	1.628516	0.54277	1.844679	0.07089	0.617375	0.334679	441.5154	2.634557	440.2492	6.589786	434.5831	38.72291	441.5154	2.634557	101.5952
081019BK-01 193	193.2761	3678.787	3.389157	15.85446	5.942689	0.335715	6.685413	0.040906	1.33271	0.199346	258.4447	3.376187	293.92	17.06304	587.2493	142.3023	258.4447	3.376187	44.00936
081019BK-01 194	863.6756	51502.57	4.573275	10.54714	0.557651	3.276449	0.878822	0.248609	0.666493	0.758394	1431.298	8.554696	1475.476	6.836874	1540.41	10.77283	1540.41	10.77283	92.9167
081019BK-01 195	789.5249	18038.22	1.646121	18.87747	1.820396	0.394471	2.291455	0.054383	0.605543	0.264261	341.3747	2.01339	337.6305	6.581928	312.9032	50.28038	341.3747	2.01339	109.0991
081019BK-01 196	309.0714	4384.637	1.760995	18.34977	2.348654	0.243164	4.049101	0.034186	1.247892	0.30819	216.6951	2.659177	221.0079	8.042077	268.1584	88.38307	216.6951	2.659177	80.80859
081019BK-01 197	263.0224	10932.79	1.703647	11.24663	1.022932	2.888257	1.29935	0.236997	0.599862	0.461663	1371.066	7.408733	1378.851	9.800553	1391.742	22.11436	1391.742	22.11436	98.51435
081019BK-01 198	1225.262	10428.27	2.116359	18.99456	2.000288	0.205561	2.38675	0.028849	0.642388	0.269147	183.3425	1.161178	189.8205	4.132283	272.1512	52.69158	183.3425	1.161178	67.36788
081019BK-01 199	433.7193	1966.923	2.297807	12.39711	7.995162	0.114782	10.92853	0.011268	2.570523	0.235212	72.23516	1.846457	110.3301	11.42597	1038.953	215.0029	72.23516	1.846457	6.952689
081019BK-01 200	570.2158	6957.938	3.304657	18.04905	2.165743	0.421482	2.592485	0.057137	0.709841	0.273807	358.1918	2.473243	357.1101	7.805348	351.0549	56.33686	358.1918	2.473243	102.033
081019BK-01 201	717.9409	7542.004	1.77112	18.45337	3.857979	0.221802	4.173061	0.030676	0.747218	0.179057	194.7784	1.433651	203.4087	7.692332	305.637	93.5748	194.7784	1.433651	63.72868
081019BK-01 202	1120.651	12607.94	1.864123	19.67537	2.074387	0.200376	2.967587	0.029078	0.728192	0.245382	184.7723	1.326397	185.4441	5.029964	195.0434	66.85745	184.7723	1.326397	94.73396
081019BK-01 203	755.6751	3441.378	1.883354	17.73579	5.354979	0.158203	9.179371	0.021947	0.914609	0.099637	139.9511	1.266211	149.1288	12.73196	298.6273	208.7431	139.9511	1.266211	46.86482
081019BK-01 204	688.4326	16641.18	3.919225	13.1999	0.737358	1.848653	1.284448	0.178455	0.678005	0.527857	1058.527	6.618602	1062.95	8.463936	1072.933	21.9128	1072.933	21.9128	98.65734
081019BK-01 205	954.8206	9640.982	3.658179	19.4154	2.217273	0.285263	2.741702	0.041268	0.742178	0.2707	260.6884	1.896175	254.8239	6.178866	202.2178	61.26344	260.6884	1.896175	128.9147
081019BK-01 206	289.2987	25122.73	2.298186	9.076136	0.735514	4.836515	0.997618	0.318968	0.655788	0.657353	1784.689	10.22339	1791.272	8.394275	1799.722	13.67946	1799.722	13.67946	99.16466
081019BK-01 207	482.3678	8754.175	2.336443	17.80694	3.530517	0.410292	3.70039	0.054611	0.707281	0.191137	342.771	2.361028	349.0853	10.93146	392.268	81.50995	342.771	2.361028	87.38186
081019BK-01 208	579.7959	3704.344	7.162332	16.17123	8.523398	0.12308	9.167753	0.015351	1.503091	0.163954	98.2075	1.464961	117.8607	10.20199	536.377	198.2617	98.2075	1.464961	18.30941
081019BK-01 209	278.2353	43575.71	4.301404	5.729287	0.60895	10.88282	0.887507	0.451048	0.641532	0.722848	2399.91	12.85519	2513.168	8.253404	2606.678	10.21445	2606.678	10.21445	92.06777
081019BK-01 210	1046.829	6486.83	2.499313	19.4767	1.950193	0.195974	4.612855	0.028841	0.723933	0.156938	183.2921	1.308226	181.7139	7.675113	162.272	106.577	183.2921	1.308226	112.9536
081019BK-01 211	679.0495	7077.87	2.752339	17.95291	2.825528	0.218305	4.349055	0.029397	0.700859	0.161152	186.7706	1.290219	200.498	7.912999	366.1547	96.79795	186.7706	1.290219	51.00868
081019BK-01 212	568.508	4336.256	4.176717	18.96957	2.651291	0.210624	6.641284	0.030971	0.785801	0.118321	196.6254	1.521759	194.0758	11.73273	164.1801	154.2949	196.6254	1.521759	119.762
081019BK-01 213	1223.939	4700.951	0.534516	18.60737	3.680912	0.118357	5.017934	0.016916	0.737486	0.14697	108.1386	0.790855	113.5815	5.392282	230.1894	114.6798	108.1386	0.790855	46.97809
081019BK-01 214	1584.285	13586.79	3.503463	19.71883	1.476457	0.209815	2.072933	0.030583	0.885203	0.427029	194.1974	1.693406	193.3977	3.650355	184.641	43.65811	194.1974	1.693406	105.1757
081019BK-01 215	183.0888	9119.332	2.623377	11.54297	1.354456	2.229475	2.186836	0.189538	1.354246	0.619272	1118.872	13.91023	1190.353	15.33027	1323.443	33.26074	1323.443	33.26074	84.54252
081019BK-01 216	264.3734	13293.52	3.19756	13.47952	1.574365	1.720459	1.949331	0.170227	0.859367	0.440852	1013.362	8.058523	1016.196	12.51813	1023.169	35.40974	1023.169	35.40974	99.04149
081019BK-01 217	272.4703	850.019	2.212184	10.41557	17.54712	0.130671	18.73659	0.011915	3.506931	0.18717	76.35325	2.661861	124.7	21.99023	1186.514	366.586	76.35325	2.661861	6.43509
081019BK-01 218	845.2855	2476.539	2.981574	16.0924	7.922297	0.106699	8.320971	0.013681	1.144135	0.1375	87.59411	0.995417	102.9417	8.146024	475.5679	182.5239	87.59411	0.995417	18.41884
081019BK-01 219	1346.756	15037.74	3.721303	18.92853	1.661207	0.396993	1.977179	0.055174	0.872596	0.441334	346.21	2.941325	339.4646	5.705171	294.5305	40.51419	346.21	2.941325	117.5464
081019BK-01 220	161.8396	699.4409	2.933021	13.31745	11.57318	0.137868	32.89515	0.018343	3.547969	0.107857	117.1724	4.119688	131.143	40.49141	393.2652	NA	117.1724	4.119688	29.79476
081019BK-01 221	372.2249	3296.549	3.28929	17.41348	4.587258	0.225338	9.437435	0.03065	1.448594	0.153495	194.6177	2.777091	206.3427	17.62405	343.4778	211.4419	194.6177	2.777091	56.66094
081019BK-01 222	195.6722	1674.914	1.792959	14.60693	11.71619	0.274526	13.21452	0.033088	1.610749	0.121892	209.8483	3.325706	246.3059	28.90902	610.7479	284.5735	209.8483	3.325706	34.35923
081019BK-01 223	323.1651	2841.628	4.896825	16.53272	4.764466	0.233651	5.330585	0.030522	1.212879	0.227532	193.8167	2.315774	213.208	10.25167	434.165	115.67	193.8167	2.315774	44.64125
081019BK-01 224	790.2113	6396.583	3.519104	17.94794	4.157552	0.189448	5.089831	0.025579	0.860033	0.168971	162.8206	1.382774	176.1582	8.23166	360.1123	113.2464	162.8206	1.382774	45.21383
081019BK-01 225	369.3445	2422.391	4.873535	16.99233	4.909086	0.214528	10.17134	0.029308	1.232774	0.121201	186.216	2.262783	197.3452	18.24446	333.5223	229.4215	186.216	2.262783	55.83314
081019BK-01 226	1182.455	5259.205	1.27839	18.78483	3.236771	0.127099	4.803821	0.018178	0.862862	0.17962	116.1296	0.993066	121.4874	5.500479	228.701	109.2446	116.1296	0.993066	50.77791
081019BK-01 227	128.8589	5966.024	1.908204	11.96667	2.253225	2.495484	2.867485	0.221686	0.815644	0.284446	1290.777	9.54108	1270.723	20.78927	1237.821	53.89006	1237.821	53.89006	104.2782
081019BK-01 228	474.7735	3222.609	4.224116	16.24392	5.325751	0.212964	8.389923	0.026992	1.071274	0.127686	171.6922	1.815017	196.0369	14.95814	501.1458	183.4725	171.6922	1.815017	34.25993
081019BK-01 230	297.6155	3897.249	2.190527	17.77598	2.562343	0.408116	4.948158	0.056014	0.949287	0.191847	351.3382	3.245951	347.5177	14.56293	323.0689	110.3335	351.3382	3.245951	108.7502
081019BK-01 231	180.0143	6759.518	1.38903	15.10543	4.120656	1.022119	4.429921	0.114954	0.829322	0.187209	701.453	5.51198	714.9777	22.74014	758.564	91.84823	701.453	5.51198	92.47117
081019BK-01 233	172.8091	18371.91	2.057071	8.354102	0.8404	5.71625	1.081369	0.346531	0.623894	0.576948	1918.013	10.35036	1933.828	9.345455	1951.578	15.77879	1951.578	15.77879	98.2801
081019BK-01 234	251.4211	18897.03	2.805161	9.054242	0.750588	4.759118	1.088483	0.313804	0.599642	0.550898	1759.397	9.232907	1777.717	9.133424	1800.071	16.5289	1800.071	16.5289	97.74042
081019BK-01 235	305.1246	2740.734	2.942204	15.32892	5.820474	0.251457	9.286368	0.030352	1.398041	0.150548	192.7535	2.654884	227.7593	18.94848	607.5776	198.9132	192.7535	2.654884	31.72492
081019BK-01 236	122.4667	14532.96	1.018822	8.743619	1.250937	4.970427	1.543052	0.317011	0.779754	0.505332	1775.117	12.09934	1814.305	13.04436	1860.382	24.04911	1860.382	24.04911	95.41679
081019BK-01 237	1565.564	7644.527	3.194656	18.8008	2.207059	0.106336	2.879039	0.015007	0.632255	0.219606	96.02138	0.602601	102.6084	2.809784	259.4113	64.52362	96.02138	0.602601	37.01511
081019BK-01 238	717.0776	12334.72	3.406616	18.34544	2.208857	0.42317	2.486277	0.057236	0.638918	0.256978	358.7949	2.229778	358.3153	7.506638	356.1843	54.24886	358.7949	2.229778	100.7329
081019BK-01 239	122.8066	4572.996	1.480072	9.456647	1.466147	4.095331	2.057452	0.287666	0.698402	0.33945	1629.856	10.05795	1653.373	16.79252	1684.174	35.72553	1684.174	35.72553	96.77482
081019BK-01 241	576.4862	2589.161	1.833405	16.05454	5.926197	0.110995	7.178035	0.014141	1.092471	0.152196	90.51892	0.981982	106.8748	7.281703	489.7104	156.6575	90.51892	0.981982	18.48417
081019BK-01 242	730.9027	91889.1	3.516079	8.127611	0.611718	6.020734	0.870541	0.353601	0.615782	0.707356	1951.772	10.36976	1978.847	7.580434	2008.019	10.92016	2008.019	10.92016	97.19886
081019BK-01 243	417.8215	3438.333	3.54532	16.4794	4.556076	0.226471	7.375076	0.02896	0.998972	0.135452	184.0388	1.8125	207.2816	13.82863	481.4547	161.6207	184.0388	1.8125	38.22557
081019BK-01 244	2275.997	9370.324	5.857872	18.92629	1.971626	0.08298	3.500798	0.011741	0.807345	0.230618	75.24804	0.60398	80.9428	2.723649	253.4254	78.36208	75.24804	0.60398	29.69238
081019BK-01 245	898.7071	9356.576	1.797986	19.24737	2.100986	0.202404	3.291553	0.029203	0.666052	0.202352	185.5571	1.218288	187.1586	5.626061	208.4463	74.77648	185.5571	1.218288	89.01914
081019BK-01 246	215.7895	2433.415	4.696675	14.71638	5.325992	0.268144	6.947674	0.031438	1.278852	0.184069	199.5447	2.512791	241.2086	14.91763	670.2002	146.2926	199.5447	2.512791	29.7739
081019BK-01 247	217.2249	3682.945	1.763619	16.02386	5.707352	0.412892	7.321594	0.051341	0.838965	0.114588	322.7482	2.641078	350.9556	21.72848	543.0116	159.1851	322.7482	2.641078	59.43671
081019BK-01 248	218.7316	12888.59	1.348018	9.141314	0.714566	4.680161	0.985079	0.314035	0.640672	0.650376	1760.533	9.870183	1763.7	8.241581	1768.232	13.66676	1768.232	13.66676	99.56456
081019BK-01 249	43.88806	4746.276	1.932914	5.28306	1.117881	13.31181	1.556907	0.517071	0.723498	0.464702	2686.744	15.89646	2702.021	14.70502	2714.172	22.73274	2714.172	22.73274	98.98946
081019BK-01 250	189.4123	1413.187	2.438107	12.38752	11.82567	0.252453	12.89684	0.025948	1.947007	0.150968	165.1401	3.174455	228.5668	26.40159	945.6432	262.1042	165.1401	3.174455	17.46326
081019BK-01 251	391.5712	2649.891	2.209846	17.30427	4.502915	0.218132	7.570126	0.030287	1.139081	0.150471	192.3419	2.158567	200.3537	13.76525	296.754	170.9889	192.3419	2.158567	64.81525
081019BK-01 252	488.6639	4062.793	2.878516	17.59947	5.381449	0.215607	5.649069	0.029356	0.856405	0.151601	186.517	1.574453	198.2471	10.17399	341.185	126.4782	186.517	1.574453	54.66739
081019BK-01 253	105.0765	8277.745	1.62746	8.244685	1.392586	5.688578	1.586991	0.344115	0.679819	0.42837	1906.434	11.21964	1929.635	13.70568	1955.41	25.60875	1955.41	25.60875	97.49534
081019BK-01 254	987.6882	7192.819	2.80389	19.68475	1.668227	0.206387	2.391841	0.030646	0.736814	0.308053	194.5905	1.412347	190.516	4.154893	141.3446	53.42172	194.5905	1.412347	137.671
081019BK-01 255	774.4642	6648.378	2.334001	18.23062	3.342485	0.208147	4.247552	0.028621	0.830928	0.195625	181.9112	1.490424	191.9963	7.430641	318.8308	94.71624	181.9112	1.490424	57.0557
081019BK-01 256	675.7644	7906.623	5.00036	17.8898	2.554159	0.34936	2.919353	0.046793	0.741275	0.253918	294.8038	2.136092	304.2399	7.67486	378.2017	63.50841	294.8038	2.136092	77.94884
081019BK-01 257	127.2841	5822.976	0.59741	13.36211	3.284591	1.655174	3.47319	0.165604	0.777769	0.223935	987.8471	7.123441	991.5321	21.98756	1000.559	68.76708	1000.559	68.76708	98.72951
081019BK-01 258	1019.764	7646.418	2.040524	19.13871	2.492539	0.197832	3.539325	0.02845	0.756729	0.213806	180.8373	1.349432	183.2902	5.935485	216.0265	80.08281	180.8373	1.349432	83.7107
081019BK-01 259	286.916	2933.909	3.31523	14.12444	6.286844	0.284815	7.435936	0.031285	1.122956	0.151017	198.5861	2.196037	254.4702	16.73892	808.1374	154.026	198.5861	2.196037	24.57331
081019BK-01 260	762.222	6978.527	3.490266	18.31455	2.218717	0.219769	3.381252	0.030296	0.767318	0.226933	192.4006	1.45451	201.7179	6.185893	313.0743	74.9397	192.4006	1.45451	61.45525
081019BK-01 261	250.2301	16442.4	2.489412	11.55578	1.296594	2.676401	1.553763	0.226068	0.669952	0.431181	1313.86	7.963191	1321.962	11.4858	1335.943	27.10821	1335.943	27.10821	98.34699
081019BK-01 262	5250.947	17920.45	1.04418	20.3659	1.553354	0.076239	1.755639	0.011438	0.672325	0.382952	73.31361	0.490113	74.60237	1.262791	117.1143	38.26067	73.31361	0.490113	62.60003
081019BK-01 263	330.0307	6270.292	3.218975	17.33053	3.296897	0.442264	4.172218	0.057803	0.837961	0.200843	362.2483	2.951786	371.8476	12.99144	433.0607	91.0728	362.2483	2.951786	83.64838
081019BK-01 264	160.88	12668.7	2.415995	8.708483	1.017376	5.253485	1.334782	0.334213	0.737046	0.552184	1858.768	11.90175	1861.338	11.38633	1864.979	20.08739	1864.979	20.08739	99.66693
081019BK-01 265	447.7273	5579.048	2.287147	17.94264	5.2389	0.210363	6.869691	0.028668	0.991927	0.144392	182.2059	1.782046	193.8573	12.12388	339.1355	154.1249	182.2059	1.782046	53.72657
081019BK-01 266	274.6491	2006.176	2.385515	16.99057	4.901117	0.214785	8.791259	0.030159	1.341776	0.152626	191.5429	2.53227	197.5598	15.7841	271.0038	199.5083	191.5429	2.53227	70.67904
081019BK-01 267	908.1446	2912.945	4.911499	17.42627	3.694147	0.084259	6.389255	0.01165	1.10342	0.172699	74.66477	0.819113	82.14105	5.041572	306.3717	143.4878	74.66477	0.819113	24.37065
081019BK-01 268	808.9805	7791.971	2.74769	19.01855	2.636849	0.219006	3.826444	0.03126	0.684411	0.178863	198.4263	1.337363	201.082	6.980425	233.369	86.93379	198.4263	1.337363	85.02687
081019BK-01 269	903.62	3773.204	4.472631	17.53575	4.571881	0.109173	4.889052	0.014849	0.838333	0.171471	95.02205	0.790758	105.2089	4.886241	343.5109	109.0589	95.02205	0.790758	27.66202
081019BK-01 270	1066.627	18982.77	4.506276	18.37551	1.511747	0.43214	1.827572	0.058222	0.673989	0.368789	364.8017	2.390449	364.6952	5.599485	364.9774	38.29248	364.8017	2.390449	99.95186
081019BK-01 271	698.6406	2884.914	3.775346	15.18666	6.756967	0.12638	8.769343	0.015021	1.041088	0.118719	96.10939	0.993162	120.8396	9.990888	640.9714	187.5561	96.10939	0.993162	14.99433
081019BK-01 272	254.3902	15127.48	2.81179	11.30296	1.280472	2.858676	1.523427	0.23602	0.685252	0.449809	1365.974	8.435137	1371.096	11.46032	1379.904	26.14931	1379.904	26.14931	98.99048
081019BK-01 273	321.5462	17620.5	2.332177	10.48266	0.795759	3.476257	1.180278	0.265707	0.636124	0.538962	1518.975	8.608557	1521.843	9.307287	1526.636	18.7303	1526.636	18.7303	99.49814
081019BK-01 274	74.99533	4085.318	1.388223	12.2118	2.882148	2.329358	3.123421	0.214681	0.815277	0.26102	1253.706	9.288686	1221.282	22.19245	1165.294	59.74741	1165.294	59.74741	107.5871
081019BK-01 276	666.4023	2617.429	1.874166	18.74411	3.912828	0.110676	9.21449	0.016767	1.116116	0.121126	107.1891	1.186463	106.5833	9.323489	94.08497	NA	107.1891	1.186463	113.928
081019BK-01 277	229.3029	20320.97	2.03809	8.742604	0.666822	5.255237	0.948549	0.334035	0.667974	0.704206	1857.911	10.7821	1861.623	8.09184	1866.539	12.11512	1866.539	12.11512	99.53772
081019BK-01 278	501.7324	4037.013	2.691022	17.18313	4.154089	0.239382	4.680887	0.031627	0.876122	0.18717	200.7216	1.731469	217.914	9.180276	408.9119	102.9301	200.7216	1.731469	49.08675
081019BK-01 279	423.6678	3092.063	4.406589	17.48949	4.430754	0.227229	9.021119	0.031222	1.004158	0.111312	198.1915	1.959874	207.9083	16.96166	320.5315	204.0791	198.1915	1.959874	61.83215
081019BK-01 280	1025.426	12266.08	6.44678	18.84709	1.890203	0.263667	2.677513	0.03663	0.761485	0.2844	231.9131	1.734594	237.6178	5.672693	295.3741	58.60324	231.9131	1.734594	78.51504
081019BK-01 281	290.7691	2033.467	5.264902	14.38923	5.795058	0.20675	10.55766	0.023881	1.807275	0.171181	152.1405	2.717405	190.8218	18.36848	702.0359	221.9936	152.1405	2.717405	21.67133
081019BK-01 282	786.8741	2149.611	1.467568	16.29224	3.696547	0.113045	8.297492	0.014925	0.95396	0.11497	95.50214	0.904337	108.7467	8.557059	410.4481	184.6261	95.50214	0.904337	23.26777
081019BK-01 283	1291.499	3893.389	2.48077	18.62502	5.90469	0.078614	6.520975	0.011361	1.007074	0.154436	72.82566	0.729281	76.84091	4.825907	204.6152	149.6252	72.82566	0.729281	35.59153
081019BK-01 284	710.6296	8602.073	3.245722	18.77897	3.62262	0.209304	4.822238	0.02927	0.863946	0.179159	185.9788	1.5838	192.9688	8.474838	280.3632	108.6339	185.9788	1.5838	66.33497
081019BK-01 285	468.5578	33532.24	2.61485	9.140096	0.673023	4.740934	0.983383	0.313518	0.685821	0.69741	1757.996	10.55252	1774.506	8.246	1794.761	12.83163	1794.761	12.83163	97.95149
081019BK-01 286	211.7357	504.9437	2.466431	10.2763	22.18033	0.122847	37.63471	0.012859	2.91577	0.077476	82.36652	2.386341	117.6495	41.83184	908.1753	800.6175	82.36652	2.386341	9.069452
081019BK-01 287	555.0763	2292.314	2.022649	17.88247	5.135237	0.1027	13.62537	0.014956	1.149466	0.084362	95.69977	1.091911	99.26525	12.88585	186.756	NA	95.69977	1.091911	51.24322
081019BK-01 289	511.0836	1197.959	2.353734	15.663	10.88098	0.080557	12.90139	0.01128	1.389605	0.10771	72.30701	0.999168	78.66829	9.766402	277.458	NA	72.30701	0.999168	26.06052
081019BK-01 290	517.1722	1603.544	2.283118	15.65367	8.206652	0.085003	10.34638	0.011212	1.393197	0.134655	71.8748	0.995796	82.83759	8.230581	412.5964	229.7172	71.8748	0.995796	17.42013
081019BK-01 291	76.2914	10429.14	4.125324	5.606496	1.075785	12.33652	1.307274	0.502857	0.602398	0.460805	2626.064	12.99359	2630.356	12.27914	2634.373	19.27556	2634.373	19.27556	99.68459
081019BK-01 292	315.2827	29341.68	4.235615	8.688355	0.605016	5.288036	0.928745	0.333177	0.663481	0.714384	1853.763	10.68893	1866.933	7.930758	1882.396	11.70531	1882.396	11.70531	98.47889
081019BK-01 293	371.4763	39243.04	2.097919	9.745215	0.57849	4.154552	0.849385	0.29343	0.568924	0.669807	1658.646	8.320199	1665.107	6.951433	1674.05	11.65616	1674.05	11.65616	99.07984
081019BK-01 294	254.0475	2103.072	3.00597	13.28322	7.080846	0.268243	12.30371	0.028286	1.697317	0.137952	179.8139	3.009838	241.288	26.42957	892.9873	252.4788	179.8139	3.009838	20.13622
081019BK-01 295	1038.992	57268.85	4.341563	9.028373	0.4907	4.544437	0.86661	0.295974	0.713251	0.823036	1671.311	10.50069	1739.143	7.212464	1822.488	8.929673	1822.488	8.929673	91.70494
081019BK-01 296	317.8417	2500.491	2.643555	14.13384	6.386469	0.282148	8.839321	0.031253	1.185183	0.134081	198.3878	2.315447	252.3603	19.75344	790.5509	184.1423	198.3878	2.315447	25.09487
081019BK-01 297	862.778	7175.781	3.028509	18.78257	2.705339	0.183847	3.545784	0.02585	0.650056	0.183332	164.5225	1.055957	171.3651	5.591222	267.8755	79.99863	164.5225	1.055957	61.41755

081019BK-01 298	864.4745	6050.13	3.565477	17.93739	2.879653	0.20691	3.447928	0.027928	0.781231	0.22658	177.5692	1.368294	190.9566	6.002059	360.8114	75.78103	177.5692	1.368294	49.21384
081019BK-01 299	234.0575	4282.705	1.817722	17.74529	4.165578	0.517688	6.806064	0.070206	0.746309	0.109654	437.3958	3.156044	423.6059	23.57706	350.2219	153.0868	437.3958	3.156044	124.8911
081019BK-01 300	177.7185	1106.16	0.765416	12.35507	11.0587	0.315184	15.1579	0.033293	1.878962	0.123959	211.1266	3.902731	278.1909	36.90095	889.4574	312.3832	211.1266	3.902731	23.73656
081019BK-01 301	548.1012	3405.48	2.512587	16.28887	5.271066	0.162484	8.347862	0.020422	0.723332	0.086649	130.3198	0.93318	152.8754	11.84811	519.5491	182.8077	130.3198	0.93318	25.08325
081019BK-01 302	964.6224	140110.1	3.943823	7.547217	0.90194	7.113781	1.31088	0.386196	0.950929	0.725413	2105.161	17.07853	2125.769	11.67049	2146.506	15.76401	2146.506	15.76401	98.07386
081019BK-01 303	236.3444	3768.103	2.391428	16.96486	4.562237	0.412529	5.620372	0.053962	1.096385	0.195073	338.7974	3.618602	350.6945	16.66828	431.1918	122.9218	338.7974	3.618602	78.57233
081019BK-01 304	1155.623	8520.786	1.779963	19.4317	2.58452	0.16708	3.152283	0.024201	0.996993	0.316276	154.1514	1.518648	156.8813	4.582273	199.3122	69.45239	154.1514	1.518648	77.34169
081019BK-01 305	385.8969	3840.337	1.576611	17.33604	4.481586	0.23344	7.448199	0.031215	1.308213	0.175641	198.1502	2.552792	213.0343	14.3142	381.9114	165	198.1502	2.552792	51.88382
081019BK-01 306	439.4529	6866.806	1.980748	18.39733	2.676938	0.42636	4.461522	0.058814	1.036868	0.232402	368.4102	3.712825	360.5884	13.54209	311.5492	98.77953	368.4102	3.712825	118.251
081019BK-01 307	191.4031	36281.45	2.405276	9.214383	1.19846	4.808964	1.549294	0.319618	0.949774	0.613037	1787.863	14.82936	1786.467	13.02388	1785.614	22.30971	1785.614	22.30971	100.1259
081019BK-01 308	538.4313	4543.341	2.160451	18.96687	4.352813	0.201448	5.565802	0.029077	1.094233	0.196599	184.7693	1.993108	186.3509	9.476079	207.4584	126.6391	184.7693	1.993108	89.06333
081019BK-01 309	1336.478	3280.671	2.019709	18.36021	4.507821	0.081695	7.246972	0.011676	1.054368	0.145491	74.82936	0.784415	79.73743	5.557536	230.379	165.7499	74.82936	0.784415	32.48098
081019BK-01 310	1350.057	10929.59	2.306789	19.77892	2.418942	0.21037	2.854706	0.030533	0.951401	0.333275	193.8864	1.817172	193.863	5.038023	194.6134	62.58129	193.8864	1.817172	99.6264
081019BK-01 311	148.4379	704.4522	4.974824	12.28596	16.11734	0.152702	20.27227	0.01794	3.266946	0.161153	114.6259	3.71167	144.2946	27.27495	665.781	432.4518	114.6259	3.71167	17.21676
081019BK-01 312	666.4898	5373.63	2.743896	19.1786	3.9658	0.219285	4.996451	0.031575	1.268712	0.253923	200.3955	2.503331	201.3147	9.124462	213.0818	112.038	200.3955	2.503331	94.04626
081019BK-01 313	302.3662	28829.08	4.400705	5.298086	0.752787	13.00673	3.018896	0.488678	2.922944	0.968216	2564.952	61.85486	2680.142	28.47234	2768.929	12.38943	2768.929	12.38943	92.63337
081019BK-01 314	432.9355	1892.238	4.634741	12.62878	8.724393	0.121428	12.83428	0.011997	2.036017	0.158639	76.87473	1.555887	116.3655	14.11157	1026.17	257.3067	76.87473	1.555887	7.491425
081019BK-01 315	431.1432	20435.47	1.600088	13.79501	1.145643	1.711167	1.542236	0.16865	0.670843	0.43498	1004.667	6.240798	1012.722	9.883954	1031.045	28.08956	1031.045	28.08956	97.44162
081019BK-01 317	83.96815	1065.6	0.526068	13.49703	5.968304	0.763893	20.74851	0.089325	1.29654	0.062488	551.5447	6.853627	576.2538	91.48507	675.8571	447.1453	551.5447	6.853627	81.6067
081019BK-01 318	427.1814	9925.37	2.382822	18.34528	3.018559	0.44204	3.710496	0.059447	0.712757	0.192092	372.26	2.578151	371.6901	11.54955	369.0977	82.05394	372.26	2.578151	100.8568
081019BK-01 319	724.2047	8911.931	3.074543	18.48124	1.905666	0.405914	2.5491	0.055388	0.83739	0.328504	347.5175	2.833028	345.9285	7.473086	336.2699	54.54027	347.5175	2.833028	103.3448
081019BK-01 320	541.0471	7771.184	2.437204	18.27731	3.947914	0.233255	4.3629	0.031611	0.908783	0.208298	200.6215	1.795135	212.8823	8.37902	351.7745	96.45405	200.6215	1.795135	57.03127
081019BK-01 322	165.8356	1041.865	2.476059	13.53716	18.43123	0.289775	29.63925	0.034609	1.714556	0.057847	219.329	3.697266	258.3822	67.71536	630.4909	650.675	219.329	3.697266	34.78702
081019BK-01 323	439.343	3273.874	2.786173	16.61213	5.901551	0.21873	9.425715	0.02788	1.008982	0.107046	177.2647	1.764203	200.8519	17.17853	488.6397	207.1791	177.2647	1.764203	36.27718
081019BK-01 324	463.2644	1387.409	5.361164	15.62194	9.917444	0.088092	17.74897	0.01167	1.463934	0.08248	74.79674	1.088647	85.72422	14.5916	402.7932	398.9163	74.79674	1.088647	18.56951
081019BK-01 325	197.7323	17052.77	3.118584	11.80524	1.805362	2.736642	2.153306	0.231015	0.819333	0.3805	1339.815	9.911868	1338.465	16.01431	1337.131	38.5024	1337.131	38.5024	100.2007
081019BK-01 326	1157.295	6544.071	2.536012	19.36143	2.584018	0.185737	3.228021	0.026624	0.855026	0.264876	169.3836	1.429412	172.9855	5.134293	223.5438	71.99642	169.3836	1.429412	75.77201
081019BK-01 327	238.6687	29097.87	2.382621	8.838918	0.719965	5.225848	1.030068	0.328433	0.656221	0.637065	1830.782	10.45866	1856.841	8.779404	1886.919	14.2934	1886.919	14.2934	97.02496
081019BK-01 328	251.2654	2413.987	3.029234	13.51027	7.532816	0.32815	9.527678	0.034338	1.422385	0.14929	217.6419	3.044032	288.1524	23.90685	908.8506	194.4356	217.6419	3.044032	23.94694
081019BK-01 329	937.2143	6193.186	2.868099	18.59747	2.750639	0.215383	3.22313	0.029594	0.776113	0.240795	188.0085	1.438086	198.0599	5.79977	320.5354	71.09994	188.0085	1.438086	58.65452
081019BK-01 330	540.3533	4898.776	2.635	17.99416	3.6763	0.235609	6.57673	0.031646	0.802872	0.122078	200.8409	1.587635	214.8184	12.73425	371.9036	147.0967	200.8409	1.587635	54.00348
081019BK-01 331	598.7025	101313.6	4.854228	5.958133	0.617003	11.23698	0.901313	0.473205	0.654936	0.726646	2497.603	13.56138	2542.989	8.404096	2580.108	10.34282	2580.108	10.34282	96.80227
081019BK-01 332	1277.001	4245.218	3.389841	19.76292	2.491694	0.115014	4.304694	0.017239	0.936899	0.217646	110.1803	1.023506	110.542	4.508651	119.388	99.08436	110.1803	1.023506	92.28758
081019BK-01 333	754.4466	6425.163	4.578818	18.45124	3.194451	0.228959	3.848735	0.031179	0.750782	0.195072	197.9237	1.463395	209.3386	7.280734	340.8487	85.47025	197.9237	1.463395	58.06788
081019BK-01 334	1511.327	68628.41	4.342253	13.98964	0.64771	1.460205	0.927206	0.145316	0.649295	0.70027	874.653	5.310656	914.093	5.587957	1011.438	13.41943	1011.438	13.41943	86.47622
081019BK-01 335	155.5879	15903.58	1.063813	7.594009	0.819793	7.173369	1.106232	0.388823	0.706626	0.638768	2117.37	12.75304	2133.199	9.858525	2149.227	14.86551	2149.227	14.86551	98.51773
081019BK-01 336	232.0464	27442.87	2.047876	7.690047	0.647949	7.10173	0.956767	0.388798	0.672093	0.702462	2117.25	12.12921	2124.26	8.515943	2131.798	11.91796	2131.798	11.91796	99.31755
081019BK-01 337	214.2851	812.6535	2.460035	12.64835	10.56193	0.162523	16.63149	0.018831	1.918749	0.115368	120.2608	2.286112	152.9095	23.61313	695.4716	354.3097	120.2608	2.286112	17.29198
081019BK-01 338	124.7015	5617.152	2.016393	12.56268	2.62453	2.068747	3.402019	0.189978	0.745836	0.219233	1121.256	7.675843	1138.518	23.29105	1172.449	65.71591	1172.449	65.71591	95.63363
081019BK-01 339	211.7181	1537.784	1.914691	15.39052	6.334496	0.225658	15.14779	0.028976	1.409631	0.093059	184.1351	2.558905	206.6079	28.3252	472.3405	335.4161	184.1351	2.558905	38.98356
081019BK-01 340	688.3837	2266.396	2.311369	17.46669	3.427322	0.102757	10.89105	0.014421	1.15981	0.106492	92.29756	1.062849	99.31852	10.305	272.2784	248.8365	92.29756	1.062849	33.89823
081019BK-01 341	1172.488	7202.376	1.930208	19.69656	2.90486	0.10054	4.493772	0.014701	0.941269	0.209461	94.07719	0.87909	97.27494	4.168478	177.3823	102.53	94.07719	0.87909	53.0364
081019BK-01 342	614.9054	2472.535	2.616807	16.15405	6.133323	0.112524	7.418378	0.014316	0.9354	0.126092	91.63141	0.851057	108.272	7.618757	492.7795	162.4638	91.63141	0.851057	18.59481
081019BK-01 343	437.0526	7381.227	3.092886	18.94423	2.588222	0.40141	4.207657	0.056295	0.765374	0.1819	353.051	2.629497	342.6704	12.23811	273.8282	94.8402	353.051	2.629497	128.9316
081019BK-01 344	1144.667	4895.761	2.650381	16.10948	6.302114	0.09633	7.112125	0.011511	0.705266	0.099164	73.7812	0.517387	93.3831	6.345352	629.3237	152.6491	73.7812	0.517387	11.72389
081019BK-01 345	3525.017	10889.35	8.633552	20.03815	1.528296	0.105256	1.809177	0.015323	0.600716	0.332038	98.0314	0.584435	101.6163	1.749422	187.5272	39.72713	98.0314	0.584435	52.27583
081019BK-01 346	822.9622	2188.424	3.2128	15.01278	8.866612	0.113233	11.142	0.013346	1.219726	0.109471	85.46312	1.035537	108.9186	11.50797	658.9775	238.1087	85.46312	1.035537	12.96905
081019BK-01 347	533.7269	6985.939	2.90574	17.7608	3.09598	0.24098	3.601256	0.03142	0.878021	0.24381	199.4266	1.7242	219.2228	7.100805	438.4315	77.75299	199.4266	1.7242	45.48638
081019BK-01 348	571.631	8034.461	0.887398	17.97624	2.728685	0.385192	3.861444	0.050596	0.627408	0.16248	318.181	1.947828	330.8511	10.90344	421.8935	85.09207	318.181	1.947828	75.41736
081019BK-01 349	540.1005	2452.79	3.332529	17.32024	2.435844	0.228406	10.15385	0.031266	1.349	0.132856	198.4641	2.636488	208.8818	19.17245	329.0928	228.8174	198.4641	2.636488	60.30642
081019BK-01 350	1388.922	5703.8	5.144867	18.61778	3.940186	0.108944	6.346149	0.015155	0.633231	0.099782	96.9597	0.609384	104.9992	6.330535	292.4946	144.3068	96.9597	0.609384	33.14923
081019BK-01 351	461.0871	3226.582	1.980054	17.72158	7.146064	0.236506	8.170868	0.032424	0.919249	0.112503	205.7034	1.861075	215.5554	15.87009	325.5941	184.5885	205.7034	1.861075	63.17787
081019BK-01 352	182.6129	1361.165	4.44591	14.75858	6.892099	0.279284	10.58853	0.034678	1.668131	0.157541	219.7627	3.604148	250.089	23.47585	546.0918	229.019	219.7627	3.604148	40.24282
081019BK-01 353	428.895	1608.857	3.59682	15.90232	5.107115	0.229676	12.46388	0.030371	0.924577	0.07418	192.8717	1.756834	209.931	23.64211	406.9318	279.0903	192.8717	1.756834	47.39657
081019BK-01 354	609.3269	9278.372	2.504476	18.69366	2.272263	0.402971	3.651105	0.055213	0.72228	0.197825	346.4465	2.436263	343.8004	10.64866	326.9186	81.25433	346.4465	2.436263	105.9733
081019BK-01 355	93.8532	6882.571	3.536882	10.84392	2.57983	3.177924	3.501741	0.250627	0.786616	0.224636	1441.707	10.16204	1451.809	27.05202	1467.438	64.81667	1467.438	64.81667	98.2465
081019BK-01 356	621.8737	69706.36	1.686739	6.749856	0.656503	8.842879	0.97371	0.425103	0.718788	0.738195	2283.605	13.8219	2321.925	8.882642	2356.52	11.22125	2356.52	11.22125	96.90582
081019BK-01 357	304.3608	1786.776	1.025345	14.99743	11.76449	0.191161	14.74041	0.023266	1.177375	0.079874	148.2664	1.72573	177.619	24.02418	589.6605	320.253	148.2664	1.72573	25.14437
081019BK-01 358	1050.209	3485.39	4.567073	19.63674	3.009942	0.086861	8.84648	0.013249	0.897533	0.101457	84.84488	0.756522	84.57532	7.178933	77.98225	NA	84.84488	0.756522	108.8003
081019BK-01 359	187.8727	1601.333	4.582472	15.23553	7.027163	0.270264	9.473318	0.03404	1.377354	0.145393	215.7841	2.922919	242.9048	20.46846	514.8799	206.2687	215.7841	2.922919	41.9096
081019BK-01 360	263.1019	27305.71	2.919087	8.851836	0.793182	5.200987	1.235894	0.329264	0.908269	0.734908	1834.813	14.50328	1852.778	10.52571	1873.774	15.11417	1873.774	15.11417	97.92073
081019BK-01 361	528.7608	7166.101	3.189537	17.14772	3.896191	0.244406	4.174633	0.030922	0.829479	0.198695	196.3143	1.60384	222.0222	8.32546	505.0135	90.06745	196.3143	1.60384	38.87308
081019BK-01 362	1418.586	25805.82	3.45779	18.45837	1.449076	0.433323	1.714411	0.057723	0.708303	0.413147	361.7645	2.491818	365.5332	5.262793	390.4653	35.02467	361.7645	2.491818	92.64959
081019BK-01 363	563.5658	22242.79	1.394644	16.78805	1.550157	0.7558	1.701555	0.092106	0.679166	0.399144	567.9809	3.692475	571.5838	7.437302	586.8827	33.84257	567.9809	3.692475	96.77929
081019BK-01 364	415.2053	3341.966	2.466539	18.07347	3.936674	0.181119	7.877158	0.02553	0.942789	0.119686	162.5095	1.512971	169.0234	12.26569	262.1904	179.7897	162.5095	1.512971	61.98147
081019BK-01 365	155.4062	1107.942	3.451	13.92065	7.915336	0.250317	14.11689	0.030608	1.756532	0.124428	194.3539	3.36294	226.8337	28.70482	579.5544	305.6484	194.3539	3.36294	33.53506
081019BK-01 366	956.5861	8425.086	6.207085	19.2787	1.535463	0.290502	1.855083	0.041608	0.763122	0.411368	262.791	1.96509	258.9545	4.240199	225.3531	39.10064	262.791	1.96509	116.613
081019BK-01 367	397.6592	1898.944	4.001118	14.93639	8.683786	0.149466	12.74616	0.018098	1.238808	0.097191	115.623	1.419578	141.4405	16.83045	600.8274	275.6265	115.623	1.419578	19.24397
081019BK-01 368	1214.95	11506.51	2.788322	19.70408	1.67044	0.209535	2.199697	0.030471	0.671302	0.305179	193.4982	1.279655	193.162	3.869298	190.0906	48.71677	193.4982	1.279655	101.7926
081019BK-01 369	770.2221	7104.25	1.867117	18.48141	2.525326	0.307277	3.996448	0.042637	1.106302	0.276821	269.1569	2.916382	272.0686	9.538494	298.1787	87.63967	269.1569	2.916382	90.26697
081019BK-01 370	383.6335	27350.34	3.348633	9.832525	0.668538	4.067529	0.967318	0.29026	0.626134	0.647289	1642.829	9.08021	1647.818	7.88392	1654.977	13.6604	1654.977	13.6604	99.26599
081019BK-01 371	562.6851	7601.171	2.920251	18.93646	3.184021	0.222698	3.921826	0.031611	0.942931	0.240432	200.6246	1.862617	204.1529	7.253089	246.1048	87.68249	200.6246	1.862617	81.51998
081019BK-01 372	270.1486	2786.881	3.547015	14.28252	5.048288	0.27763	6.858686	0.030922	1.723725	0.25132	196.3155	3.332932	248.7754	15.13435	779.0321	139.7062	196.3155	3.332932	25.19993
081019BK-01 373	454.019	50861.79	4.848811	6.761129	0.583858	8.89135	0.85746	0.435956	0.621436	0.724741	2332.511	12.16233	2326.913	7.826444	2322.738	10.12864	2322.738	10.12864	100.4208
081019BK-01 374	659.3767	2351.582	2.641977	15.39806	3.423669	0.135981	8.384905	0.016809	1.066618	0.127207	107.4547	1.136632	129.4583	10.1918	555.9961	181.6887	107.4547	1.136632	19.32651
081019BK-01 375	486.448	3597.276	3.145148	16.54896	3.009101	0.229845	5.424538	0.029612	0.981216	0.180885	188.1193	1.819184	210.0706	10.29419	464.9673	118.2685	188.1193	1.819184	40.4586
081019BK-01 376	142.1213	1056.954	4.288518	11.88102	13.0446	0.310641	20.64838	0.031946	1.675901	0.081164	202.716	3.344458	274.6779	49.73228	944.5434	425.8055	202.716	3.344458	21.4618
081019BK-01 377	161.4314	9765.097	2.178352	12.31353	2.059042	2.062322	2.234749	0.187779	0.774622	0.346626	1109.332	7.894408	1136.39	15.28259	1189.315	41.39493	1189.315	41.39493	93.27489
081019BK-01 378	261.2431	22494.34	1.875134	8.754049	0.731884	5.217452	1.074545	0.333394	0.661218	0.615347	1854.81	10.65767	1855.47	9.156138	1856.979	15.3033	1856.979	15.3033	99.88319
081019BK-01 379	242.7991	18801.47	2.149138	8.911824	3.739079	4.738418	5.82721	0.308151	4.451829	0.763973	1731.601	67.6049	1774.061	48.89532	1825.173	68.22026	1825.173	68.22026	94.87326
081019BK-01 380	606.7979	4870.595	1.517697	17.46994	2.568234	0.207907	3.968813	0.027792	0.784474	0.19766	176.7164	1.367464	191.795	6.936387	382.625	87.48179	176.7164	1.367464	46.18527
081019BK-01 381	254.4606	1992.221	1.623937	14.44661	7.892653	0.243535	9.01558	0.028502	1.362685	0.151148	181.1629	2.434314	221.3112	17.92967	674.0523	190.9365	181.1629	2.434314	26.87669
081019BK-01 382	566.5518	3662.958	1.477713	16.65143	4.144447	0.276794	5.128492	0.03579	0.796252	0.15526	226.6843	1.773612	248.1114	11.28947	456.965	112.4529	226.6843	1.773612	49.6065
081019BK-01 383	541.6298	2818.149	1.876728	17.8488	2.057342	0.399037	6.502088	0.056911	0.740722	0.113921	356.8094	2.571152	340.9495	18.83287	235.2131	149.1657	356.8094	2.571152	151.6962
081019BK-01 384	461.0209	1606.426	2.460837	13.6997	7.94677	0.100202	10.49677	0.011354	2.26517	0.215797	72.78201	1.639364	96.96252	9.707375	742.6967	217.2558	72.78201	1.639364	9.799694
081019BK-01 385	158.9041	21038.88	1.260994	9.200921	1.022856	4.70503	1.232359	0.315799	0.62215	0.504845	1769.179	9.625749	1768.136	10.32017	1767.683	19.4317	1767.683	19.4317	100.0847
081019BK-01 386	602.9806	4062.838	1.996871	17.62327	3.473151	0.235241	5.018174	0.032101	0.846354	0.168658	203.6845	1.696941	214.516	9.703988	336.1592	112.1208	203.6845	1.696941	60.59168
081019BK-01 387	516.1935	9248.924	1.833707	18.38716	2.123698	0.426279	2.41856	0.05854	0.696789	0.288101	366.7395	2.48407	360.5307	7.339788	321.7808	52.62125	366.7395	2.48407	113.9719
081019BK-01 388	621.5248	4771.365	2.526056	17.55818	3.708962	0.221042	5.745093	0.029732	0.807641	0.140579	188.8725	1.503282	202.7768	10.56056	368.6457	128.2421	188.8725	1.503282	51.23415
081019BK-01 389	141.6668	3239.588	2.256599	15.59088	9.067778	0.438729	11.21269	0.053282	1.610104	0.143597	334.6404	5.250598	369.3556	34.73171	594.3603	241.169	334.6404	5.250598	56.30261
081019BK-01 390	103.9261	11718.14	3.729813	8.498671	1.593364	5.512975	1.86293	0.342828	0.697488	0.374404	1900.258	11.47918	1902.621	16.01286	1905.964	31.02884	1905.964	31.02884	99.70061
081019BK-01 391	488.2767	8228.732	2.759218	18.24927	2.387937	0.407199	3.590068	0.05565	0.708053	0.197226	349.1137	2.406168	346.8558	10.54871	332.7697	79.80238	349.1137	2.406168	104.9115
081019BK-01 392	732.2663	1875.86	2.346996	14.48216	7.199095	0.095481	8.486639	0.011283	1.216473	0.14334	72.3285	0.874939	92.59655	7.510805	653.3074	180.5275	72.3285	0.874939	11.07113
081019BK-01 393	487.0854	8079.878	2.55118	18.16045	2.984423	0.400503	4.446495	0.054492	0.913703	0.205488	342.0425	3.043788	342.0129	12.91198	342.8096	98.52656	342.0425	3.043788	99.77624
081019BK-01 394	230.3792	1670.444	2.538639	13.35071	10.19072	0.228132	15.05427	0.024951	1.594112	0.105891	158.871	2.501628	208.6558	28.40173	817.1907	314.4584	158.871	2.501628	19.44112
081019BK-01 395	150.3941	1704.216	4.941185	13.48976	8.007783	0.27773	14.47248	0.030635	1.859897	0.128513	194.5197	3.563826	248.8553	31.95215	799.3756	302.212	194.5197	3.563826	24.33395
081019BK-01 396	713.1905	7361.999	2.653134	19.2306	2.367465	0.197014	3.557879	0.028542	0.665133	0.186946	181.4195	1.189859	182.5962	5.945978	198.8476	81.20824	181.4195	1.189859	91.23545
081019BK-01 397	88.52167	8157.96	1.99427	10.17883	2.308557	3.729339	2.499789	0.279814	0.739156	0.295688	1590.424	10.41783	1577.687	20.01801	1561.498	44.78946	1561.498	44.78946	101.8524
081019BK-01 398	362.8901	3309.833	2.103991	15.89542	5.267218	0.252109	7.707719	0.03121	1.060921	0.137644	198.117	2.069895	228.2879	15.7593	552.6972	166.8326	198.117	2.069895	35.84548
081019BK-01 399	340.8726	2639.188	1.917165	16.30391	5.892225	0.241378	10.43693	0.031308	1.06084	0.101643	198.7288	2.076031	219.5484	20.60898	450.0148	231.1705	198.7288	2.076031	44.16049
081019BK-01 400	171.0852	1822.902	3.104872	15.84577	4.473101	0.387184	8.699053	0.050817	1.217422	0.139949	319.5373	3.795279	332.3101	24.65871	423.6749	192.4982	319.5373	3.795279	75.4204
081019BK-01 401	742.5985	2043.739	2.38724	18.54796	3.140747	0.072859	6.592024	0.011288	1.19622	0.181465	72.36071	0.860753	71.40905	4.54562	40.71936	NA	72.36071	0.860753	177.7059
081019BK-01 402	504.0571	4533.279	2.9876	18.40357	5.404664	0.209695	6.398439	0.02966	1.026216	0.160385	188.4211	1.905622	193.2967	11.26248	254.2546	145.3497	188.4211	1.905622	74.10723
081019BK-01 403	360.8695	33438.93	2.925102	8.952814	0.97393	4.539968	1.34504	0.294569	0.919246	0.683433	1664.319	13.48378	1738.324	11.19253	1829.334	17.80026	1829.334	17.80026	90.97949

081019BK-01 404	1181.096	12489.91	1.986213	18.97866	2.608995	0.202513	3.008433	0.028386	0.933341	0.310241	180.4392	1.660761	187.2502	5.144424	275.0162	65.52987	180.4392	1.660761	65.61039
081019BK-01 405	493.2971	2096.926	2.508306	17.26311	5.490249	0.083547	10.97628	0.011849	3.858587	0.351539	75.93169	2.912703	81.47396	8.593635	248.1588	237.0677	75.93169	2.912703	30.59802
081019BK-01 406	563.5047	43357.18	1.867286	8.945267	0.902794	4.313443	1.333651	0.279402	0.975845	0.731709	1588.35	13.73795	1695.933	10.99353	1832.373	16.4732	1832.373	16.4732	86.68267
081019BK-01 407	270.6024	1139.704	2.315805	10.65103	16.43785	0.19221	16.91239	0.017015	1.313411	0.07766	108.7655	1.416555	178.5135	27.69277	1244.636	332.5701	108.7655	1.416555	8.738746
081019BK-01 408	1367.429	5425.623	1.92378	19.97014	1.817993	0.117788	3.051093	0.017927	0.719539	0.23583	114.5423	0.816898	113.065	3.264599	83.08323	70.3728	114.5423	0.816898	137.8645
081019BK-01 409	803.2452	5451.432	2.523601	18.02442	3.157036	0.210022	3.577754	0.028672	0.702462	0.196342	182.2306	1.262176	193.5714	6.305478	335.1739	79.50622	182.2306	1.262176	54.36897
081019BK-01 410	336.8732	2421.297	2.759568	18.03222	4.10596	0.221399	8.789626	0.032313	0.851637	0.096891	205.0063	1.71844	203.0731	16.1791	181.6787	NA	205.0063	1.71844	112.8401
081019BK-01 411	221.8963	2481.937	2.714259	16.00605	5.793233	0.33098	7.887765	0.04214	1.103486	0.139898	266.0856	2.876444	290.3138	19.91911	491.0937	172.4843	266.0856	2.876444	54.18224
081019BK-01 412	298.9944	3920.157	2.191039	15.64168	4.420375	0.261209	7.66037	0.031256	1.458452	0.190389	198.4042	2.849554	235.6407	16.1108	626.3868	162.3035	198.4042	2.849554	31.67439
081019BK-01 413	404.1572	6583.029	3.201103	17.74124	2.737188	0.415561	3.241529	0.055285	0.786935	0.242766	346.8869	2.657627	352.8721	9.662717	393.3958	70.54216	346.8869	2.657627	88.17758
081019BK-01 414	166.426	27249.18	1.156065	5.300007	0.645206	13.64281	0.941128	0.522088	0.66623	0.707906	2708.03	14.73151	2725.237	8.903671	2738.715	10.93417	2738.715	10.93417	98.87958
081019BK-01 415	459.5251	36251.01	2.076654	9.830814	0.718032	4.081767	1.024932	0.29014	0.646773	0.631039	1642.229	9.376504	1650.667	8.359271	1662.215	14.71706	1662.215	14.71706	98.79766
081019BK-01 416	528.1469	8954.255	4.656414	17.89089	3.022628	0.416977	3.43423	0.055355	0.893427	0.260154	347.3122	3.020874	353.8872	10.2618	398.2005	74.33463	347.3122	3.020874	87.22042
081019BK-01 417	802.3432	19824.5	2.340617	18.84562	1.874225	0.397743	2.336098	0.054758	0.867252	0.37124	343.6686	2.90242	340.0097	6.749977	316.0368	49.32202	343.6686	2.90242	108.7432
081019BK-01 418	154.9531	17802.57	2.094886	9.217059	1.040187	4.737012	1.510512	0.316959	0.869707	0.575769	1774.859	13.49342	1773.812	12.66471	1773.359	22.54411	1773.359	22.54411	100.0845
081019BK-01 419	505.7676	3845.11	1.724249	18.23112	5.140606	0.204275	5.640463	0.028835	1.310224	0.23229	183.2498	2.367178	188.7374	9.715117	258.9776	126.1165	183.2498	2.367178	70.75895
081019BK-01 420	457.0562	3067.206	5.07376	17.80084	4.594475	0.21973	6.986238	0.030799	1.128588	0.161544	195.544	2.173751	201.6849	12.77973	275.078	158.0889	195.544	2.173751	71.08674
081019BK-01 421	637.8346	21058.17	1.824665	7.473773	0.788964	6.963247	1.155941	0.376643	0.842319	0.728687	2060.581	14.85607	2106.754	10.26366	2152.893	13.82066	2152.893	13.82066	95.71217
081019BK-01 422	573.4884	8687.321	2.771852	18.43248	2.54517	0.40788	4.07563	0.055894	0.865157	0.212276	350.6048	2.952269	347.3473	11.98979	326.6287	90.41761	350.6048	2.952269	107.3404
081019BK-01 423	359.458	1169.271	3.566295	12.98664	12.04649	0.103986	17.62925	0.011575	2.454359	0.139221	74.18665	1.81037	100.4489	16.86219	780.3187	369.5849	74.18665	1.81037	9.507224
081019BK-01 424	561.3747	7596.803	14.53359	15.52348	2.955745	0.561011	3.429913	0.064501	1.257751	0.366701	402.9418	4.912864	452.184	12.517	711.9168	67.81551	402.9418	4.912864	56.59956
081019BK-01 425	1252.014	5571.171	3.457581	17.60847	4.904295	0.120989	6.360311	0.016056	0.722557	0.113604	102.6801	0.736045	115.9684	6.970439	399.0059	141.7155	102.6801	0.736045	25.73399
081019BK-01 426	355.7108	2223.014	4.862263	16.18868	5.683373	0.234144	6.245235	0.030487	1.122206	0.17969	193.5947	2.140233	213.6138	12.0314	441.4461	136.7886	193.5947	2.140233	43.85467
081019BK-01 428	327.4492	2325.163	2.736362	17.97925	5.217146	0.210801	9.824355	0.030712	1.021271	0.103953	195.0027	1.961686	194.2246	17.36905	185.7719	NA	195.0027	1.961686	104.9689
081019BK-01 429	453.6375	1048.214	2.361298	13.76869	9.923287	0.090771	15.55212	0.011107	1.931083	0.124169	71.20392	1.367441	88.22131	13.14187	578.075	337.1729	71.20392	1.367441	12.31742
081019BK-01 430	220.0046	3791.572	2.349009	16.90596	4.042503	0.414251	6.580433	0.053839	0.937656	0.142492	338.0467	3.088042	351.9318	19.5738	445.5338	144.9347	338.0467	3.088042	75.87453
081019BK-01 432	1446.071	125261	18.29129	9.19979	0.614735	4.611142	0.883735	0.305222	0.634119	0.717544	1717.15	9.559175	1751.286	7.374232	1793.05	11.20935	1793.05	11.20935	95.76695
081019BK-01 433	555.2059	1943.432	6.192913	15.03585	8.47698	0.124719	15.30575	0.015207	1.389002	0.09075	97.29013	1.341216	119.3411	17.23513	585.8168	332.5604	97.29013	1.341216	16.6076
081019BK-01 434	326.5215	2601.977	2.225483	14.33801	8.175538	0.279727	9.471942	0.031362	1.384093	0.146126	199.0681	2.713179	250.4412	21.02561	765.1206	197.8432	199.0681	2.713179	26.01787
081019BK-01 435	243.3462	13199.92	1.986571	11.95732	1.074012	2.432762	1.518884	0.212074	0.768828	0.50618	1239.859	8.671749	1252.338	10.93017	1274.684	25.5499	1274.684	25.5499	97.26796
081019BK-01 436	565.5892	1564.011	2.741404	15.26102	8.240886	0.087131	9.158316	0.011161	0.869553	0.094947	71.54951	0.618721	84.8269	7.453195	477.6985	201.9081	71.54951	0.618721	14.97796
081019BK-01 437	384.5204	6352.67	0.930681	17.8471	2.760053	0.492616	3.64373	0.065987	0.756625	0.207651	411.9315	3.019281	406.6919	12.21118	378.0043	80.21545	411.9315	3.019281	108.9753
081019BK-01 438	293.7211	2652.856	5.077307	17.28825	5.392288	0.268952	8.818771	0.037009	0.710269	0.080541	234.2656	1.634046	241.8556	18.98097	317.1725	200.1788	234.2656	1.634046	73.86063
081019BK-01 439	679.5825	4810.562	2.213202	18.96552	4.072926	0.196663	4.598721	0.02851	0.766863	0.166756	181.2132	1.370306	182.2987	7.674074	197.4247	105.4078	181.2132	1.370306	91.78851
081019BK-01 440	333.7226	957.6366	2.715068	11.25081	10.18474	0.115358	13.31876	0.011228	1.828991	0.137324	71.97602	1.309113	110.8549	13.98797	1056.374	266.7576	71.97602	1.309113	6.813498
081019BK-01 441	1010.884	8960.949	3.597389	18.51982	1.935227	0.2218	2.673272	0.030501	0.707827	0.264779	193.6854	1.350566	203.4068	4.927628	318.5992	58.58303	193.6854	1.350566	60.79281
081019BK-01 442	124.1937	8582.593	2.111759	12.62772	3.464297	2.091742	3.696096	0.194239	0.743324	0.201111	1144.297	7.793665	1146.098	25.39619	1150.39	71.91639	1150.39	71.91639	99.47034
081019BK-01 443	409.4731	34095.37	2.126802	9.856341	0.6782	4.047851	0.940143	0.288424	0.632586	0.672862	1633.647	9.128735	1643.867	7.655086	1657.751	12.88047	1657.751	12.88047	98.54601
081019BK-01 444	746.5029	6630.862	3.013653	18.45773	3.910918	0.213012	5.683064	0.02947	0.761945	0.134073	187.2275	1.406054	196.0772	10.13365	304.9424	128.4156	187.2275	1.406054	61.39766
081019BK-01 445	435.3238	37379.04	1.782858	6.730127	0.613057	8.185239	0.915801	0.397238	0.665566	0.726758	2156.309	12.19804	2251.711	8.2867	2340.309	10.76191	2340.309	10.76191	92.13778
081019BK-01 446	608.7312	1489.688	2.517658	15.52955	8.477438	0.084909	12.05475	0.011194	1.296048	0.107513	71.76059	0.924894	82.75019	9.57996	413.7135	268.7264	71.76059	0.924894	17.34548
081019BK-01 447	583.3796	1430.525	2.508624	16.82565	3.240655	0.075707	16.97535	0.011085	1.521638	0.089638	71.06807	1.07546	74.10084	12.13143	174.0677	NA	71.06807	1.07546	40.82783
081019BK-01 448	944.9784	3847.528	3.477407	16.80298	2.141988	0.122619	5.332096	0.015833	0.930266	0.174465	101.2662	0.934684	117.444	5.913703	460.0198	116.5032	101.2662	0.934684	22.01345
081019BK-01 449	189.784	21504.69	4.574055	5.53686	0.759878	12.65473	1.090522	0.506403	0.736718	0.675565	2641.255	15.96524	2654.299	10.26239	2664.963	13.32145	2664.963	13.32145	99.11035
081019BK-01 450	549.9471	2176.769	3.03141	15.83501	9.84292	0.115667	11.76435	0.014804	1.150475	0.097793	94.73128	1.081891	111.1365	12.38499	479.5873	259.5217	94.73128	1.081891	19.75267
081019BK-01 451	134.882	745.2164	2.947706	9.413048	19.40509	0.222814	20.49425	0.018411	4.014336	0.195876	117.607	4.678336	204.2494	37.93555	1378.332	390.2601	117.607	4.678336	8.532556
081019BK-01 452	198.4713	17700.63	2.21531	8.72767	0.859889	5.237578	1.20611	0.332912	0.732192	0.607069	1852.479	11.78885	1858.752	10.28363	1866.545	17.29668	1866.545	17.29668	99.24644
081019BK-01 453	788.3226	10889.64	2.862197	18.54873	2.159135	0.412381	2.889072	0.056678	0.750634	0.259818	355.3895	2.595473	350.5885	8.565357	319.9195	63.40264	355.3895	2.595473	111.0872
081019BK-01 454	565.5131	11013.27	2.55058	18.22847	2.994708	0.427674	3.224771	0.057721	0.778094	0.241287	361.7519	2.737249	361.5236	9.809029	361.0202	70.61745	361.7519	2.737249	100.2027
081019BK-01 455	130.0212	6146.929	2.170988	8.050087	0.939762	6.067332	1.220672	0.359148	0.739717	0.605992	1978.133	12.60059	1985.564	10.64111	1994.071	17.26108	1994.071	17.26108	99.20073
081019BK-01 456	610.8416	5580.894	2.027412	17.85193	1.434208	0.386296	1.908435	0.052269	0.816096	0.427626	328.4355	2.613213	331.66	5.399772	355.3243	38.961	328.4355	2.613213	92.43261
081019BK-01 457	1334.949	14384.91	2.994861	19.17569	1.985944	0.218676	2.541354	0.030819	0.779438	0.306702	195.6709	1.502219	200.807	4.630314	262.5508	55.5453	195.6709	1.502219	74.52688
081019BK-01 458	729.7017	2755.207	3.284589	16.05187	6.260811	0.111217	7.612206	0.014058	1.095185	0.143872	89.98985	0.978709	107.078	7.736079	507.0995	165.8907	89.98985	0.978709	17.746
081019BK-01 459	1034.271	2816.583	5.38218	17.24936	6.657742	0.081633	7.77334	0.011147	1.172003	0.150772	71.46119	0.832902	79.67899	5.957005	334.6453	174.4238	71.46119	0.832902	21.35431
081019BK-01 460	580.5134	6341.125	3.682281	17.57342	5.241636	0.236783	5.592939	0.031247	1.00184	0.179126	198.3486	1.956877	215.783	10.87286	411.5146	123.1254	198.3486	1.956877	48.19966
081019BK-01 461	227.4081	6113.139	1.889378	17.22006	3.692262	0.572652	5.025284	0.074091	0.877752	0.174667	460.7583	3.903166	459.7284	18.58221	455.5576	109.866	460.7583	3.903166	101.1416
081019BK-01 462	224.5658	1100.302	2.66738	11.77135	9.011468	0.158176	16.02831	0.01584	2.077453	0.129612	101.3079	2.088174	149.1053	22.23068	998.8124	324.7581	101.3079	2.088174	10.14284
081019BK-01 463	117.0544	402.0052	4.985533	6.360331	14.66374	0.310449	21.0207	0.018025	4.775567	0.227184	115.1637	5.450886	274.5291	50.60655	2028.317	366.5545	115.1637	5.450886	5.677797
081019BK-01 464	981.34	3346.217	7.613094	16.54803	5.200557	0.095792	7.409046	0.012307	0.937106	0.126481	78.84913	0.7344	92.88471	6.576577	471.2153	162.865	78.84913	0.7344	16.73314
Spot 466	54.97521	440.2366	1.839163	6.244331	31.89714	0.39274	37.48556	0.021741	7.177696	0.191479	138.6523	9.845784	336.3692	107.7345	2112.342	670.4294	138.6523	9.845784	6.563914
081019BK-01 466	985.4329	2442.178	2.513086	16.43887	6.265231	0.085638	8.145697	0.011248	0.821118	0.100804	72.10246	0.588747	83.43212	6.524498	422.1296	181.1324	72.10246	0.588747	17.08065
081019BK-01 467	270.7278	4410.987	5.204863	17.95052	2.999742	0.467753	4.07994	0.064307	0.744847	0.182563	401.7631	2.901177	389.6359	13.20298	319.2229	91.20329	401.7631	2.901177	125.8566
081019BK-01 468	862.9095	2759.153	2.686463	16.23536	3.26353	0.087694	6.043691	0.011212	0.959188	0.158709	71.87674	0.685603	85.35253	4.947624	481.8315	131.8986	71.87674	0.685603	14.9174
081019BK-01 469	342.446	4955.84	2.910245	18.45058	3.219921	0.373518	6.151786	0.05246	0.743839	0.120914	329.6098	2.390142	322.2575	16.98826	270.4346	140.1021	329.6098	2.390142	121.8815
081019BK-01 470	466.8433	4819.248	2.949656	18.2211	3.376752	0.209625	6.210678	0.029103	1.061731	0.170952	184.9295	1.935558	193.2379	10.92894	296.9733	139.7394	184.9295	1.935558	62.27141
081019BK-01 471	1005.185	8213.228	2.011159	19.77416	2.325036	0.197241	3.211644	0.029101	0.718442	0.223699	184.92	1.309669	182.7894	5.372516	156.3593	73.29206	184.92	1.309669	118.2661
081019BK-01 472	241.0869	1728.396	2.822865	16.93732	7.668803	0.216959	8.845017	0.030892	1.453735	0.164356	196.1303	2.808277	199.3755	16.01275	238.9227	201.5119	196.1303	2.808277	82.08942
081019BK-01 474	339.191	1542.39	1.674652	13.22005	9.211147	0.152924	10.71289	0.0166	1.200279	0.112041	106.1294	1.263421	144.4904	14.42916	832.9132	222.4916	106.1294	1.263421	12.74196
081019BK-01 475	596.4945	10985.38	1.609649	18.66354	2.159355	0.400091	2.513111	0.05511	0.667106	0.26545	345.8179	2.246184	341.7141	7.29208	314.8999	55.09731	345.8179	2.246184	109.8183
081019BK-01 476	524.368	3728.556	2.181057	17.7693	4.590881	0.20759	5.874966	0.028541	1.086718	0.184974	181.4079	1.943913	191.5283	10.25503	319.1284	131.2986	181.4079	1.943913	56.8448
081019BK-01 477	207.5622	1820.436	2.369697	16.03496	8.362338	0.225147	9.242099	0.029822	1.023599	0.110754	189.4337	1.910828	206.1842	17.24724	403.2086	206.0544	189.4337	1.910828	46.98156
081019BK-01 478	726.1487	6021.21	1.877059	17.1858	4.070277	0.141757	5.171549	0.018232	1.008767	0.195061	116.4703	1.164364	134.6072	6.519678	468.7831	112.3608	116.4703	1.164364	24.84525
081019BK-01 479	679.9629	7160.182	2.764526	18.52812	1.625152	0.405451	2.557263	0.055908	0.706718	0.276357	350.6901	2.412182	345.5937	7.490928	312.4835	55.9339	350.6901	2.412182	112.2268
081019BK-01 480	373.6628	3118.364	2.946566	16.6666	5.682061	0.252228	8.885937	0.032647	0.72613	0.081717	207.095	1.47988	228.3847	18.17565	454.6505	196.909	207.095	1.47988	45.55036
081019BK-01 481	212.302	22527.51	2.487028	9.538293	1.035471	4.34741	1.249877	0.29864	0.664115	0.531344	1684.561	9.845112	1702.404	10.31809	1725.22	19.44409	1725.22	19.44409	97.64326
081019BK-01 482	271.7443	5663.976	2.054077	15.90086	2.466947	0.872527	2.848065	0.103547	0.656387	0.230468	635.1624	3.970316	636.9386	13.47585	644.2009	59.55306	635.1624	3.970316	98.59695
081019BK-01 483	1001.787	4367.993	2.729613	18.32647	4.421315	0.117883	5.62828	0.016443	0.729645	0.129639	105.1379	0.760911	113.1514	6.026526	286.2012	127.6628	105.1379	0.760911	36.73564
081019BK-01 484	222.2136	21664.57	1.694335	5.334934	0.620205	13.67199	0.898276	0.521114	0.633443	0.705176	2703.902	13.98933	2727.258	8.499485	2745.303	10.47019	2745.303	10.47019	98.49194
081019BK-01 485	625.0823	2773.668	2.975029	15.78884	6.066761	0.089525	7.945941	0.010979	1.353649	0.170357	70.39199	0.947677	87.06082	6.629621	573.0972	170.526	70.39199	0.947677	12.28273
081019BK-01 486	1022.72	6780.711	2.168799	18.64209	2.504315	0.2203	3.289165	0.030484	0.652766	0.19846	193.5784	1.244831	202.1591	6.029314	304.427	73.48024	193.5784	1.244831	63.58781
081019BK-01 487	687.226	8662.351	2.712516	18.40398	3.768765	0.257443	4.907529	0.034834	0.673044	0.137145	220.7346	1.460493	232.6044	10.20236	355.3062	109.8267	220.7346	1.460493	62.12518
081019BK-01 488	533.3628	4582.83	3.566669	16.99557	2.95733	0.226943	3.402786	0.029148	0.847376	0.249024	185.2139	1.547126	207.6722	6.390917	471.8209	72.9636	185.2139	1.547126	39.25513
081019BK-01 489	485.5332	4372.774	3.907398	16.7228	4.955977	0.246984	5.924864	0.031354	0.933193	0.157505	199.0196	1.828861	224.1232	11.91615	497.5388	128.997	199.0196	1.828861	40.00082
081019BK-01 490	985.641	20496.57	2.07945	18.57466	2.436413	0.407223	2.752161	0.054948	0.681322	0.247559	344.8307	2.287674	346.8733	8.086904	361.5366	60.15901	344.8307	2.287674	95.3792
081019BK-01 491	455.997	5518.361	4.198905	18.38104	2.979237	0.334514	4.350306	0.046337	0.844098	0.194032	291.991	2.409705	293.0066	11.07283	302.0945	97.314	291.991	2.409705	96.65551
081019BK-01 492	1119.336	3282.674	2.368228	17.71415	6.257059	0.081081	7.982878	0.011181	0.98034	0.122805	71.67984	0.698814	79.16093	6.079339	312.2218	180.5301	71.67984	0.698814	22.95799
081019BK-01 493	538.8616	5635.916	6.170588	18.34989	2.800895	0.346706	4.667905	0.047888	0.741349	0.158818	301.5424	2.184002	302.2409	12.20286	308.6508	104.9927	301.5424	2.184002	97.69696
081019BK-01 494	501.0164	2841.326	2.848445	13.16002	8.444656	0.143402	9.916475	0.014471	1.289113	0.129997	92.61695	1.185402	136.0697	12.62893	983.2191	200.6653	92.61695	1.185402	9.419767
081019BK-01 495	326.0306	2572.821	2.726194	16.55174	7.488512	0.236454	8.626115	0.030991	0.907583	0.105213	196.7477	1.758676	215.5129	16.7515	426.7863	191.619	196.7477	1.758676	46.09982
081019BK-01 496	159.2054	689.8247	4.145451	15.93986	9.038957	0.190341	37.126	0.033145	1.761579	0.047449	210.2015	3.643146	176.9199	60.3503	NA	NA	210.2015	3.643146	
081019BK-01 498	253.6224	12049.97	4.356418	11.66508	1.284814	2.705229	1.720056	0.229513	0.648466	0.377003	1331.945	7.803326	1329.893	12.75218	1327.413	30.84281	1327.413	30.84281	100.3415
081019BK-01 499	774.1194	5396.046	2.631203	16.54534	5.908848	0.147308	6.349063	0.018242	0.809502	0.1275	116.5359	0.934885	139.5319	8.27741	551.9579	137.5836	116.5359	0.934885	21.11318
081019BK-01 501	165.0918	1717.397	2.235409	11.91716	17.49875	0.364951	20.67142	0.034644	1.701422	0.082308	219.5473	3.672533	315.9043	56.17722	1106.5	416.0234	219.5473	3.672533	19.84159
081019BK-01 503	283.6768	11721.64	3.042781	11.72715	1.053974	2.595101	1.276029	0.223389	0.627545	0.491795	1299.76	7.386886	1299.256	9.352894	1299.251	21.59452	1299.251	21.59452	100.0391
081019BK-01 504	2126.938	6257.258	6.174554	19.71822	2.030695	0.079096	2.441371	0.011838	0.715132	0.292922	75.86248	0.539337	77.2949	1.81702	122.8124	54.96742	75.86248	0.539337	61.77102
081019BK-01 505	369.1702	17547.89	4.417313	12.47711	1.021315	2.114513	1.37191	0.192878	0.663662	0.48375	1136.947	6.917543	1153.549	9.45776	1185.76	23.72454	1185.76	23.72454	95.88337
081019BK-01 506	709.0404	7774.608	2.731609	18.40787	3.374297	0.213839	3.778739	0.029512	0.890375	0.235627	187.4947	1.645361	196.7695	6.759426	310.4495	83.61094	187.4947	1.645361	60.39457
081019BK-01 507	1082.384	4392.461	2.24566	17.79298	4.15003	0.085693	5.645091	0.011759	0.902569	0.159886	75.35809	0.676199	83.48331	4.524205	323.603	126.6323	75.35809	0.676199	23.2872
081019BK-01 508	121.555	14689.28	2.074361	5.14838	0.797141	14.01848	1.117809	0.524516	0.682842	0.610875	2718.304	15.14488	2750.958	10.59469	2775.713	14.50905	2775.713	14.50905	97.93174
081019BK-01 509	220.9343	33262.97	2.71472	9.138302	0.883745	4.79154	1.136745	0.318081	0.686643	0.604043	1780.349	10.68181	1783.417	9.549635	1787.785	16.50677	1787.785	16.50677	99.58404
081019BK-01 510	120.7874	563.6856	3.717247	6.49453	30.45561	0.224374	32.97446	0.01244	7.476486	0.226736	79.70175	5.922206	205.5435	61.43207	2109.589	579.8149	79.70175	5.922206	3.778071
081019BK-01 511	213.6641	1220.958	1.922938	12.74489	11.04062	0.158571	12.51896	0.017214	1.542365	0.123202	110.0244	1.682578	149.4515	17.39969	832.7642	259.9006	110.0244	1.682578	13.21195
081019BK-01 512	494.9605	47663.26	3.366622	10.63176	0.744578	3.406942	1.013851	0.26295	0.678572	0.669302	1504.915	9.107541	1505.997	7.958664	1508.325	14.22571	1508.325	14.22571	99.77396
081019BK-01 513	207.6297	8729.16	3.044177	12.78495	1.964039	2.011173	2.372085	0.19055	0.735626	0.310118	1124.355	7.589917	1119.287	16.0883	1110.312	45.03161	1110.312	45.03161	101.2648

081019BK-01 515	876.3942	5723.482	2.359433	19.00525	2.507403	0.200444	2.912771	0.029064	0.768262	0.263756	184.6856	1.398737	185.5019	4.938455	196.9215	65.29202	184.6856	1.398737	93.78642	
081019BK-01 516	238.6658	2997.065	4.430941	16.97794	4.739419	0.310673	7.898552	0.041732	1.280937	0.162174	263.5605	3.30796	274.7023	19.01241	371.6855	175.7502	263.5605	3.30796	70.90955	
081019BK-01 517	435.0434	24177.5	2.783408	11.79598	0.728864	2.457882	1.173075	0.211852	0.82204	0.700757	1238.678	9.263922	1259.741	8.466746	1296.729	16.27099	1296.729	16.27099	95.52328	
081019BK-01 518	536.5564	2628.169	1.260859	15.99777	6.802041	0.150965	8.7683	0.019199	1.322914	0.150875	122.5894	1.60643	142.7634	11.67826	493.6626	191.4078	122.5894	1.60643	24.83263	
081019BK-01 519	459.2913	69160.24	3.025597	6.004796	0.63933	10.91128	0.918823	0.476001	0.654666	0.712505	2509.822	13.61005	2515.597	8.546524	2520.977	10.8315	2520.977	10.8315	99.55754	
081019BK-01 520	678.8631	6436.78	2.478606	18.2418	3.995563	0.208479	5.614522	0.028795	0.802632	0.142956	183.0012	1.448174	192.2758	9.835129	308.7221	126.62	183.0012	1.448174	59.27703	
081019BK-01 521	708.0653	19817.88	2.260692	18.39865	2.021654	0.42716	2.189895	0.057819	0.667546	0.30483	362.3499	2.352126	361.1578	6.655447	354.4952	47.09765	362.3499	2.352126	102.2158	
081019BK-01 522	397.9216	34947.41	2.620601	9.430005	0.651416	4.492376	0.936316	0.30857	0.657971	0.702723	1733.664	10.00187	1729.564	7.776363	1725.389	12.2336	1725.389	12.2336	100.4796	
081019BK-01 523	1672.564	7299.55	1.947395	19.01858	2.301404	0.115309	3.55447	0.016515	0.706917	0.198881	105.5932	0.740376	110.81	3.731416	225.3945	80.52676	105.5932	0.740376	46.84817	
081019BK-01 524	313.5684	2610.762	2.256149	16.94915	4.228573	0.394368	8.03042	0.053417	0.742701	0.092486	335.4654	2.427787	337.5549	23.06571	352.9788	180.9143	335.4654	2.427787	95.03841	
081019BK-01 525	257.3984	21482.18	1.503372	9.595608	0.820046	4.236741	1.059444	0.295866	0.643859	0.607733	1670.775	9.476409	1681.169	8.703407	1694.951	15.50867	1694.951	15.50867	98.57366	
081019BK-01 526	969.8939	8774.063	3.005132	19.03265	1.674058	0.29238	2.919306	0.041574	0.720538	0.246818	262.5831	1.853994	260.4311	6.706154	242.1138	65.20607	262.5831	1.853994	108.4544	
081019BK-01 527	233.8467	8980.622	2.549675	13.68467	2.064766	1.68219	2.617291	0.170208	0.782159	0.298843	1013.259	7.333839	1001.811	16.66888	977.7132	50.90275	977.7132	50.90275	103.6356	
081019BK-01 528	543.3448	9548.077	6.285342	9.13536	0.621289	4.449466	1.043024	0.297508	0.720954	0.691215	1678.939	10.6565	1721.6	8.647463	1774.652	13.75562	1774.652	13.75562	94.60666	
081019BK-01 529	689.8068	2910.641	2.607443	18.77902	1.732835	0.37942	10.57461	0.056678	0.600304	0.056768	355.3898	2.075679	326.6116	29.54205	127.2962	NA	355.3898	2.075679	279.1833	
081019BK-01 530	670.8138	3195.57	4.244509	16.64404	4.294748	0.101388	6.198565	0.013151	1.427932	0.230365	84.22101	1.194797	98.05696	5.793925	450.0201	134.1064	84.22101	1.194797	18.71495	
081019BK-01 531	428.9837	4245.591	2.962083	16.99815	4.689562	0.225687	6.586406	0.029335	0.951757	0.144503	186.3823	1.748508	206.6319	12.31478	445.3202	145.0277	186.3823	1.748508	41.85355	
081019BK-01 532	198.7033	29414.57	2.172385	5.66083	0.598014	12.05781	0.859661	0.492591	0.615209	0.715641	2581.875	13.08842	2608.911	8.060548	2630.677	9.980509	2630.677	9.980509	98.1449	
081019BK-01 533	838.0796	55204.48	6.864044	6.135203	1.196026	8.911595	1.951081	0.394249	1.541401	0.790024	2142.502	28.09743	2328.99	17.81401	2497.424	20.14069	2497.424	20.14069	85.78849	
081019BK-01 534	564.2893	4027.746	2.419366	17.09246	4.141048	0.220252	5.073263	0.028904	0.810279	0.159716	183.6827	1.467338	202.1193	9.29821	423.9918	111.8009	183.6827	1.467338	43.32222	
081019BK-01 535	427.0316	25517.17	3.116963	13.71897	1.083869	1.59068	1.310195	0.158372	0.632048	0.482408	947.7216	5.57055	966.564	8.168536	1010.528	23.25894	1010.528	23.25894	93.78478	
081019BK-01 536	198.0608	2612.174	2.743923	14.7171	13.7293	0.232527	14.05858	0.026833	1.955844	0.139121	170.6949	3.294713	212.2825	26.93705	704.1083	297.5943	170.6949	3.294713	24.24271	
081019BK-01 537	263.1271	657.645	1.933813	7.052314	24.29562	0.195872	29.3105	0.011615	3.754977	0.12811	74.44557	2.779335	181.6269	48.78361	1990.861	528.9856	74.44557	2.779335	3.739366	
081019BK-01 538	652.1564	1691.49	2.856106	17.09536	5.8299	0.103905	15.72772	0.01504	1.141345	0.072569	96.23501	1.090215	100.3747	15.03255	200.8581	NA	96.23501	1.090215	47.91194	
081019BK-01 539	95.84048	5733.715	3.229849	12.85874	4.686337	1.981371	5.639111	0.189515	0.703119	0.124686	1118.749	7.221397	1109.187	38.07095	1091.342	112.1386	1091.342	112.1386	102.5113	
081019BK-01 540	285.5677	1076.591	1.014976	16.9398	5.485937	0.259235	19.94527	0.041203	0.903434	0.045296	260.2864	2.304675	234.05	41.71579	NA	NA	260.2864	2.304675		
081019BK-01 541	806.5639	5648.098	2.576443	18.6398	3.13885	0.205305	5.497847	0.028963	0.686463	0.12486	184.0538	1.245595	189.6055	9.509082	260.3333	125.3539	184.0538	1.245595	70.69929	
081019BK-01 542	674.3478	5740.421	3.046183	19.73412	2.315266	0.209392	3.935144	0.031346	0.849295	0.215823	198.9663	1.663999	193.042	6.918143	122.2477	90.55214	198.9663	1.663999	162.7566	
081019BK-01 543	666.2748	3451.074	1.407889	19.3434	3.377216	0.109317	6.687902	0.016602	0.731879	0.109433	106.1441	0.770486	105.3408	6.692058	88.26632	NA	106.1441	0.770486	120.2543	
081019BK-01 544	166.7064	14272.05	4.175556	11.98599	2.020584	2.605688	2.357282	0.227557	0.706551	0.299731	1321.68	8.443248	1302.241	17.29887	1271.224	43.88798	1271.224	43.88798	103.9691	
081019BK-01 545	416.2146	3359.144	2.092543	17.38557	5.026345	0.230183	6.414704	0.031155	0.947224	0.147665	197.7722	1.844901	210.3497	12.18796	354.6254	143.4174	197.7722	1.844901	55.76932	
081019BK-01 546	908.9482	8241.604	2.615642	19.0939	2.129922	0.221425	3.519672	0.031492	0.729166	0.207169	199.8806	1.435099	203.0955	6.478859	241.575	79.40218	199.8806	1.435099	82.74063	
081019BK-01 547	96.18138	13156.3	0.85424	5.7707	0.773127	11.7568	1.087421	0.490807	0.696539	0.640542	2574.165	14.78269	2585.231	10.17629	2594.631	13.92557	2594.631	13.92557	99.21122	
081019BK-01 548	350.9118	4754.902	1.727697	9.135576	1.217428	4.549053	2.966971	0.307053	0.724027	0.244029	1726.188	10.96461	1739.988	24.70194	1757.395	52.63601	1757.395	52.63601	98.2242	
081019BK-01 549	742.2001	4732.275	2.066438	17.80568	4.220465	0.21034	6.684708	0.028538	0.775957	0.116079	181.3935	1.387916	193.8383	11.79633	349.1921	150.2545	181.3935	1.387916	51.94661	
081019BK-01 551	998.9383	8845.111	1.635613	19.3157	2.492652	0.20186	2.872835	0.02904	0.716273	0.249326	184.5361	1.303043	186.6992	4.899381	215.1585	64.45382	184.5361	1.303043	85.76752	
081019BK-01 552	320.4085	8841.31	1.557769	17.14864	2.684867	0.545191	3.053118	0.069414	0.661221	0.216573	432.6268	2.766743	441.8415	10.93848	491.065	65.75108	432.6268	2.766743	88.09972	
081019BK-01 553	737.4897	4527.808	3.962867	17.49958	2.919388	0.124061	5.629847	0.016615	0.763868	0.135682	106.2288	0.804799	118.7469	6.309241	378.394	125.5375	106.2288	0.804799	28.0736	
081019BK-01 554	797.279	7097.236	2.617146	18.74476	2.42432	0.219012	3.960076	0.030836	0.669866	0.169155	195.7806	1.291754	201.0868	7.224371	264.7788	89.60915	195.7806	1.291754	73.94118	
081019BK-01 555	324.811	2637.139	2.739636	16.91305	5.236198	0.233321	6.659765	0.031443	1.313691	0.197258	199.5702	2.581569	212.9368	12.79352	364.4434	147.3366	199.5702	2.581569	54.76027	
081019BK-01 557	526.4455	5065.205	2.352914	17.04135	4.511086	0.237226	5.724717	0.030731	0.89276	0.155948	195.1201	1.715855	216.1465	11.14589	452.8031	125.6317	195.1201	1.715855	43.09161	
081019BK-01 558	1486.946	7365.536	2.870615	18.36604	3.393113	0.108884	3.568894	0.014974	0.696789	0.195239	95.81596	0.662697	104.9439	3.558301	318.442	79.56898	95.81596	0.662697	30.08898	
081019BK-01 560	1172.771	6463.17	2.3754	18.3756	4.090754	0.107285	4.510849	0.014841	0.879069	0.194879	94.97129	0.828744	103.4785	4.437819	305.0926	100.8514	94.97129	0.828744	31.12868	
081019BK-01 561	239.0306	19147.85	0.978345	11.0133	0.999571	3.092554	1.365886	0.247695	0.717539	0.525329	1426.577	9.182743	1430.846	10.48051	1438.014	22.15957	1438.014	22.15957	99.20461	
081019BK-01 562	824.8427	55686.98	2.620192	9.436719	0.723586	4.066062	1.062881	0.27722	0.775692	0.729801	1577.345	10.85341	1647.524	8.662208	1739.023	13.32005	1739.023	13.32005	90.70292	
081019BK-01 563	375.5066	3290.209	2.69721	16.17835	4.040803	0.261816	5.268855	0.032865	1.624993	0.308415	208.4572	3.333231	236.1292	11.10103	522.2509	110.0328	208.4572	3.333231	39.91514	
081019BK-01 564	153.1927	19638.83	2.241077	5.321894	0.742277	13.74357	1.06981	0.528597	0.756311	0.706958	2735.537	16.85975	2732.2	10.12623	2730.441	12.45581	2730.441	12.45581	100.1866	
081019BK-01 565	121.3345	10954.22	13.27692	8.639904	1.060313	5.297368	1.397862	0.333238	0.738793	0.528516	1854.054	11.90386	1868.439	11.9403	1885.246	21.36834	1885.246	21.36834	98.34552	
081019BK-01 566	804.3234	5600.953	3.36829	18.72274	3.164816	0.213683	3.888062	0.030307	0.836035	0.215026	192.4713	1.585343	196.639	6.95081	247.9611	87.44614	192.4713	1.585343	77.62158	
081019BK-01 567	218.9525	1539.441	2.922814	16.60696	3.99117	0.228906	9.952395	0.032538	0.955371	0.095994	206.4113	1.940757	209.2951	18.82546	242.8648	228.729	206.4113	1.940757	84.99021	
081019BK-01 568	304.5789	934.3984	2.44194	12.82164	8.044767	0.126826	12.79277	0.014605	2.045237	0.159874	93.46671	1.897824	121.2419	14.62099	708.5306	269.5302	93.46671	1.897824	13.19163	
081019BK-01 569	586.7032	4845.202	4.171009	17.31274	3.600617	0.226276	4.478881	0.02976	1.483382	0.331195	189.0479	2.763582	207.1198	8.391885	419.0256	94.39846	189.0479	2.763582	45.11606	
081019BK-01 570	304.5817	26852.76	5.389975	9.034563	0.734445	4.485475	0.937004	0.293123	0.566202	0.604269	1657.116	8.273706	1728.287	7.7799	1816.354	13.55532	1816.354	13.55532	91.23314	
081019BK-01 571	1488.664	9316.871	10.33635	19.3992	1.623164	0.203635	2.652043	0.029342	0.55793	0.210377	186.4263	1.025232	188.1977	4.555876	211.5023	60.0824	186.4263	1.025232	88.14388	
081019BK-01 572	478.364	13996.71	6.779865	16.42903	1.967647	0.823201	2.141221	0.099063	0.562866	0.262871	608.9133	3.270472	609.8328	9.816946	614.1697	44.62688	608.9133	3.270472	99.14414	
081019BK-01 573	587.1037	65128.39	2.46026	9.595697	0.561968	4.287055	0.778322	0.295971	0.499911	0.642293	1671.299	7.359783	1690.878	6.408263	1716.026	10.9683	1716.026	10.9683	97.39361	
081019BK-01 574	636.3244	73667.89	2.307318	8.561288	0.55206	5.181735	0.814923	0.318285	0.596734	0.732258	1781.35	9.287665	1849.621	6.936146	1928.054	9.941347	1928.054	9.941347	92.39108	
081019BK-01 575	102.3787	1118.572	2.227201	13.59918	13.49059	0.268996	25.32809	0.031813	2.837425	0.112027	201.8882	5.639655	241.8908	54.56773	651.5478	548.316	201.8882	5.639655	30.98594	
081019BK-01 576	548.4687	1712.004	2.344264	13.06597	11.58166	0.107669	12.19261	0.01132	1.356778	0.111279	72.56279	0.978996	103.831	12.0345	899.1369	250.7999	72.56279	0.978996	8.070272	
081019BK-01 577	646.8557	2067.79	5.175918	16.66517	4.901661	0.084555	7.221078	0.011447	1.259869	0.174471	73.37313	0.919165	82.41862	5.716436	354.1393	160.7747	73.37313	0.919165	20.71872	
081019BK-01 578	628.8232	2026.12	2.116258	14.25628	8.605156	0.099169	11.02378	0.011251	1.015099	0.092083	72.12632	0.728073	96.00872	10.09916	740.0279	232.8987	72.12632	0.728073	9.746433	
081019BK-01 579	312.064	2203.942	3.775725	17.44022	3.919718	0.226579	9.661338	0.031889	1.112146	0.115113	202.3593	2.215574	207.3703	18.12328	265.682	220.6628	202.3593	2.215574	76.16599	
081019BK-01 580	583.5391	2828.011	3.157546	17.41539	4.4116	0.11548	7.048457	0.015768	1.360052	0.192957	100.857	1.361032	110.9657	7.409274	334.7034	156.9214	100.857	1.361032	30.13324	
081019BK-01 581	385.6293	25295.29	2.358195	9.15254	0.626737	4.787486	0.894532	0.31406	0.601501	0.672419	1760.657	9.267283	1782.706	7.513655	1809.391	12.03143	1809.391	12.03143	97.30661	
081019BK-01 582	278.1155	4217.337	3.163679	17.10827	3.863017	0.398274	4.328004	0.051655	0.831163	0.192043	324.6718	2.631724	340.3957	12.51784	450.1634	94.39906	324.6718	2.631724	72.1231	
081019BK-01 583	637.1338	2356.351	6.513851	15.33677	5.742001	0.107456	8.09913	0.013012	1.482088	0.182993	83.33874	1.227203	103.6356	7.979606	600.7041	172.6182	83.33874	1.227203	13.87351	
081019BK-01 584	1024.291	8194.67	8.452918	18.53186	2.865989	0.220965	3.493842	0.030234	0.650856	0.186287	192.0113	1.231289	202.713	6.420368	330.047	77.86565	192.0113	1.231289	58.17696	
081019BK-01 585	197.7414	22582.83	1.457357	8.736862	0.793354	5.291036	1.031009	0.331723	0.579526	0.562096	1846.726	9.305777	1867.417	8.804844	1891.29	15.34285	1891.29	15.34285	97.64369	
081019BK-01 586	668.1778	306.0216	2.021339	10.71172	11.28473	0.070241	53.9622	0.011154	1.995775	0.036985	71.50226	1.419139	68.92792	35.97569	NA	NA	71.50226	1.419139		
081019BK-01 587	830.0547	16313.66	6.81698	17.60511	2.298582	0.463542	2.839524	0.059186	0.772063	0.271899	370.6734	2.781107	386.7182	9.132107	484.8616	60.3405	370.6734	2.781107	76.44932	
081019BK-01 588	575.4924	7447.164	2.59469	18.06032	1.906791	0.417241	2.369207	0.055884	0.682056	0.287883	350.548	2.327087	354.0765	7.08245	378.233	51.02459	350.548	2.327087	92.68043	
081019BK-01 589	884.2862	3554.786	3.890912	17.46465	3.862731	0.097192	5.590183	0.013076	0.919012	0.164397	83.74824	0.764679	94.18126	5.028152	368.1443	124.324	83.74824	0.764679	22.74876	
081019BK-01 590	76.55865	9268.962	0.502921	8.740783	1.229338	5.171324	1.621384	0.32769	0.647903	0.399599	1827.177	10.30849	1847.909	13.7964	1872.099	26.80513	1872.099	26.80513	97.60043	
081019BK-01 591	1194.897	3287.207	3.83807	17.45161	5.884537	0.103303	8.596391	0.014031	0.927249	0.107865	89.82281	0.827105	99.82086	8.172864	346.6723	193.5986	89.82281	0.827105	25.91001	
081019BK-01 592	118.9564	11499.2	3.560376	9.654783	1.233735	4.1123	1.443825	0.288679	0.604042	0.418362	1634.926	8.722813	1656.749	11.79322	1685.317	24.20261	1685.317	24.20261	97.01002	
081019BK-01 593	552.1431	54367.43	4.729606	10.68816	0.6456	3.3111	0.891077	0.25505	0.610526	0.685155	1464.469	7.998112	1483.671	6.949224	1512.038	12.25115	1512.038	12.25115	96.85401	
081019BK-01 594	591.9902	6220.69	4.136374	19.20387	3.155523	0.217218	3.910089	0.031449	0.711823	0.182048	199.608	1.399083	199.5918	7.085185	200.4345	89.3065	199.608	1.399083	99.58763	
081019BK-01 595	221.1539	12186.41	1.711094	13.36174	2.042915	1.827404	2.332874	0.178512	0.636584	0.272875	1058.84	6.215945	1055.347	15.3109	1049.028	45.26558	1049.028	45.26558	100.9353	
081019BK-01 597	68.16313	4182.761	2.439426	11.31519	4.421399	2.655542	5.04331	0.224774	1.018602	0.201971	1307.053	12.05075	1316.185	37.21701	1331.914	95.59961	1331.914	95.59961	98.13344	
081019BK-01 598	234.266	21969.43	2.369276	7.759976	0.672096	6.721694	0.994955	0.377147	0.605177	0.608246	2062.941	10.68393	2075.477	8.794486	2088.691	13.88918	2088.691	13.88918	98.76719	
081019BK-01 599	206.0375	42562.53	1.659643	5.277511	0.55351	13.75682	0.817377	0.524444	0.600651	0.734852	2718	13.32076	2733.112	7.737239	2744.999	9.116547	2744.999	9.116547	99.01646	
081019BK-01 600	698.804	1183.665	4.3791	18.02201	2.233234	0.243686	26.21994	0.040905	0.857892	0.032719	258.4374	2.173261	221.434	52.21118	NA	NA	258.4374	2.173261		

Member: Cabin Creek
Sample: CANT-DM1-COMP

				Isotope ratios						Apparent ages (Ma)								
Analysis	U (ppm)	206Pb 204Pb	U/Th	206Pb* 207Pb*	± (%)	207Pb* 235U*	± (%)	206Pb* 238U	± (%)	error corr.	206Pb* 238U*	± (Ma)	207Pb* 235U	± (Ma)	206Pb* 207Pb*	± (Ma)	Best age (Ma)	± (Ma)	Conc (%)
CANT-DM1-COMP	782.2143	21149.03	4.197614	21.02642	5.097029	0.113434	5.624647	0.017298	2.378434	0.422859	110.5596	2.607168	109.102	5.818478	77.3759	121.1241	110.5596	2.607168	NA	
CANT-DM1-COMP	286.4958	26310.23	7.810373	9.429104	3.100745	1.022926	7.669563	0.069954	7.014812	0.91463	435.8795	29.56553	715.3832	39.39878	1732.655	56.89992	1732.655	56.89992	25.15674	
CANT-DM1-COMP	473.3944	20888.04	4.701029	20.16556	4.627908	0.205633	6.07982	0.030075	3.942927	0.648527	191.0164	7.42115	189.8818	10.52967	175.7746	107.9854	191.0164	7.42115	NA	
CANT-DM1-COMP	135.675	8935.572	3.424168	18.34631	9.18015	0.480772	10.81975	0.063971	5.726421	0.529256	399.7329	22.19522	398.6022	35.68426	392.0305	206.339	399.7329	22.19522	NA	
CANT-DM1-COMP	611.1134	11252.77	2.932485	19.11428	7.862586	0.088338	8.832194	0.012246	4.023354	0.455533	78.46528	3.137801	85.95414	7.279316	299.2632	179.6039	78.46528	3.137801	NA	
CANT-DM1-COMP	306.1735	5210.919	1.945424	25.47325	39.89723	0.056904	40.37747	0.010513	6.20895	0.153773	67.41711	4.164083	56.19512	22.07719	-399.597	1076.812	67.41711	4.164083	NA	
CANT-DM1-COMP	276.6832	4964.948	1.990388	25.13268	36.25077	0.060194	36.80084	0.010972	6.339024	0.172252	70.34544	4.434973	59.35093	21.21864	-364.621	965.376	70.34544	4.434973	NA	
CANT-DM1-COMP	379.1534	8408.335	1.547026	20.09724	14.77405	0.074832	15.57049	0.010907	4.916059	0.315729	69.9327	3.419352	73.27404	11.00762	183.6842	345.734	69.9327	3.419352	NA	
CANT-DM1-COMP	370.3131	3039.997	1.616323	23.84379	24.61935	0.064021	25.62683	0.011071	7.114941	0.277636	70.97787	5.022334	63.00991	15.65787	-230.137	628.4474	70.97787	5.022334	NA	
CANT-DM1-COMP	325.4291	5112.567	1.720915	24.60778	33.0284	0.059512	34.08703	0.010621	8.429147	0.247283	68.10781	5.710688	58.6976	19.44331	-310.266	865.7268	68.10781	5.710688	NA	
CANT-DM1-COMP	542.6195	5621.483	2.446287	22.01376	12.38586	0.069397	12.65562	0.01108	2.599047	0.205367	71.03231	1.836029	68.12691	8.339189	-32.7203	301.39	71.03231	1.836029	NA	
CANT-DM1-COMP	172.5579	2369.021	2.224522	25.37513	51.50679	0.060331	52.017	0.011103	7.267675	0.139717	71.18173	5.144801	59.48265	30.06103	-389.544	1424.426	71.18173	5.144801	NA	
CANT-DM1-COMP	495.9711	6084.857	1.493485	27.15884	15.38412	0.055953	15.83816	0.011021	3.765125	0.237725	70.65883	2.645867	55.28085	8.5216	-569.637	417.5149	70.65883	2.645867	NA	

CANT-DM1-COMP	57.80684	2231.116	3.91583	27.24553	50.5102	0.168899	51.06157	0.033375	7.483581	0.14656	211.6371	15.5809	158.4633	75.05247	-578.254	1446.828	211.6371	15.5809	NA	
CANT-DM1-COMP	298.7017	5905.416	2.859884	24.57419	22.33138	0.06264	22.62694	0.011164	3.645279	0.161103	71.5703	2.594508	61.69073	13.54395	-306.77	577.453	71.5703	2.594508	NA	
CANT-DM1-COMP	296.8914	4718.376	3.518176	22.90691	17.95662	0.066791	19.97882	0.011096	8.758609	0.438395	71.13843	6.196486	65.64987	12.70172	-130.091	446.7793	71.13843	6.196486	NA	
CANT-DM1-COMP	1532.77	59436.82	1.139115	20.62658	3.816785	0.079586	4.708793	0.011906	2.757694	0.585648	76.29743	2.091647	77.75593	3.524701	122.791	89.94857	76.29743	2.091647	NA	
CANT-DM1-COMP	120.3388	57580.5	1.41928	8.176294	0.96824	6.000814	1.907564	0.355849	1.643567	0.861605	1962.466	27.80753	1975.962	16.60387	1990.104	17.21977	1990.104	17.21977	98.61126	
CANT-DM1-COMP	1267.81	18789.9	2.827796	21.49296	2.691107	0.072518	3.184365	0.011304	1.702388	0.534608	72.46254	1.226686	71.08576	2.186214	25.0332	64.56194	72.46254	1.226686	NA	
CANT-DM1-COMP	374.1656	13782.54	2.159878	20.36402	7.300912	0.22521	10.26644	0.033262	7.217789	0.703047	210.9321	14.97828	206.2364	19.16364	152.9125	171.2027	210.9321	14.97828	NA	
CANT-DM1-COMP	823.3218	7801.478	1.592387	22.36294	8.121634	0.068029	8.598235	0.011034	2.822889	0.32831	70.73833	1.985949	66.8273	5.56102	-71.0325	198.7137	70.73833	1.985949	NA	
CANT-DM1-COMP	417.8436	6293.393	4.71698	28.13721	27.28178	0.050388	28.16524	0.010283	6.998928	0.248495	65.94856	4.592164	49.91625	13.71989	-666.21	763.4577	65.94856	4.592164	NA	
CANT-DM1-COMP	320.2894	13371.11	1.463087	21.2939	22.25213	0.070635	22.82405	0.010909	5.077406	0.222459	69.94126	3.532007	69.30177	15.29091	47.26407	537.2744	69.94126	3.532007	NA	
CANT-DM1-COMP	141.0079	135328.6	1.00573	7.835639	0.824595	6.586982	2.817026	0.374334	2.693636	0.956199	2049.763	47.29685	2057.607	24.83847	2065.459	14.53808	2065.459	14.53808	99.24007	
CANT-DM1-COMP	899.2055	100968.9	2.109416	18.68515	1.429648	0.398305	2.294025	0.053977	1.794061	0.782058	338.8937	5.922912	340.418	6.635106	350.819	32.31345	338.8937	5.922912	NA	
CANT-DM1-COMP	305.001	24479.52	1.886418	21.23769	5.395895	0.200042	5.630277	0.030813	1.607586	0.285525	195.6319	3.09771	185.1621	9.53011	53.61943	128.81	195.6319	3.09771	NA	
CANT-DM1-COMP	109.1408	1395.866	1.83767	4.68177	435.4866	0.372643	435.5191	0.012653	5.315119	0.012204	81.0563	4.281267	321.6105	#NUM!	2933.008	179.0922	81.0563	4.281267	NA	
CANT-DM1-COMP	616.7383	6960.83	2.048677	16.49868	21.29221	0.08889	21.72984	0.010637	4.339069	0.199683	68.20572	2.943892	86.46906	18.01366	625.4341	463.8689	68.20572	2.943892	NA	
CANT-DM1-COMP	691.0457	10435.09	2.078898	23.23557	11.92451	0.065736	12.57795	0.011078	4.001368	0.318125	71.01951	2.826156	64.64482	7.877729	-165.422	297.6214	71.01951	2.826156	NA	
CANT-DM1-COMP	277.2595	2263.475	3.631892	18.63212	19.7113	0.08015	20.55961	0.010831	5.844841	0.284288	69.44487	4.037158	78.28573	15.49162	357.2377	448.8467	69.44487	4.037158	NA	
CANT-DM1-COMP	86.44657	9832.34	4.939531	19.13166	6.735657	0.573615	8.236814	0.079592	4.740888	0.575573	493.6897	22.53158	460.3499	30.49592	297.2071	153.8434	493.6897	22.53158	NA	
CANT-DM1-COMP	309.1923	4441.611	2.510022	23.86816	21.74137	0.063532	22.09506	0.010998	3.937544	0.178209	70.51029	2.761245	62.54316	13.40274	-232.712	553.6933	70.51029	2.761245	NA	
CANT-DM1-COMP	434.6838	14411.62	1.523334	23.85477	19.16665	0.061795	19.32109	0.010691	2.438018	0.126184	68.55444	1.662514	60.88344	11.4181	-231.297	486.9046	68.55444	1.662514	NA	
CANT-DM1-COMP	471.239	47757.69	2.738735	18.14657	1.927768	0.490068	3.206859	0.064498	2.562744	0.799145	402.9252	10.00986	404.9567	10.70967	416.5391	43.08472	402.9252	10.00986	NA	
CANT-DM1-COMP	232.4917	31740.8	3.139123	18.30406	3.20132	0.513161	4.850517	0.068124	3.644045	0.751269	424.8434	14.98239	420.5728	16.7042	397.2005	71.76179	424.8434	14.98239	NA	
CANT-DM1-COMP	351.0068	8303.982	5.087095	20.29332	5.056264	0.17382	9.617205	0.025583	8.18076	0.850638	162.8443	13.15507	162.7287	14.46127	161.0686	118.3362	162.8443	13.15507	NA	
CANT-DM1-COMP	437.8624	5718.721	4.326403	21.90495	24.49899	0.067603	25.01115	0.01074	5.035606	0.201334	68.86537	3.449332	66.42188	16.08251	-20.7155	600.534	68.86537	3.449332	NA	
CANT-DM1-COMP	313.0201	6682.151	2.076672	23.33458	36.49363	0.066121	36.88806	0.01119	5.379928	0.145845	71.73591	3.837947	65.01161	23.23397	-176.014	936.9423	71.73591	3.837947	NA	
CANT-DM1-COMP	47.01956	34330.29	1.908458	9.174755	2.505956	4.724895	4.115151	0.314402	3.264147	0.793202	1762.333	50.33312	1771.665	34.49907	1782.664	45.69532	1782.664	45.69532	98.85952	
CANT-DM1-COMP	509.0318	7866.533	2.989989	19.39031	16.02366	0.077924	16.4751	0.010959	3.830336	0.232492	70.25923	2.676552	76.19116	12.09375	266.4689	369.7114	70.25923	2.676552	NA	
CANT-DM1-COMP	1125.349	15126.06	2.156748	22.76857	6.725356	0.067844	9.113375	0.011203	6.150055	0.674838	71.82	4.392457	66.65186	5.879228	-115.142	165.89	71.82	4.392457	NA	
CANT-DM1-COMP	500.8615	7374.944	0.977027	21.89855	10.16293	0.099924	10.57764	0.01587	2.932806	0.277265	101.5031	2.953575	96.70634	9.757532	-20.0086	246.4393	101.5031	2.953575	NA	
CANT-DM1-COMP	245.2658	3379.945	2.044217	26.37894	43.22007	0.058515	43.61713	0.011195	5.871957	0.134625	71.76667	4.190738	57.7419	24.48738	-491.572	1196.077	71.76667	4.190738	NA	
CANT-DM1-COMP	166.9108	17384.64	1.931529	17.44263	4.644224	0.405878	5.230255	0.051346	2.405568	0.459933	322.78	7.573505	345.9027	15.33324	504.3021	102.2455	322.78	7.573505	NA	
CANT-DM1-COMP	397.7118	6915.341	1.712427	22.10139	23.51165	0.069811	23.80242	0.01119	3.709083	0.155828	71.73626	2.646008	68.51962	15.77248	-42.3655	578.1043	71.73626	2.646008	NA	
CANT-DM1-COMP	556.7744	8444.371	2.426281	23.99093	12.59734	0.067956	13.48179	0.011824	4.802673	0.356234	75.77742	3.618036	66.75837	8.710944	-245.666	319.5155	75.77742	3.618036	NA	
CANT-DM1-COMP	158.9526	6672.954	2.33159	19.65254	10.00809	0.360505	10.83155	0.051384	4.142539	0.382451	323.0134	13.05126	312.5915	29.15083	235.6004	231.3986	323.0134	13.05126	NA	
CANT-DM1-COMP	1017.904	11288.96	2.700419	20.64058	8.275129	0.074645	8.782687	0.011174	2.942421	0.335025	71.63506	2.096137	73.09801	6.194405	121.2374	195.2618	71.63506	2.096137	NA	
CANT-DM1-COMP	485.5231	61356.94	3.028057	18.50184	2.038245	0.429011	4.953811	0.057568	4.515064	0.911432	360.8194	15.84372	362.4744	15.102	373.0564	45.88469	360.8194	15.84372	NA	
CANT-DM1-COMP	421.5795	46239.81	1.333965	19.52573	3.784545	0.183941	10.45248	0.026049	9.743283	0.93215	165.7703	15.9456	171.4461	16.49058	250.4733	87.11104	165.7703	15.9456	NA	
CANT-DM1-COMP	599.9397	9837.567	2.452475	23.54553	10.20054	0.063535	12.66071	0.01085	7.499509	0.592345	69.56578	5.189044	62.5462	7.679978	-198.507	256.038	69.56578	5.189044	NA	
CANT-DM1-COMP	553.064	8124.936	2.448888	21.72585	7.899556	0.102055	9.001464	0.016081	4.31548	0.47942	102.8389	4.402783	98.67112	8.464135	-0.88624	190.6957	102.8389	4.402783	NA	
CANT-DM1-COMP	327.729	5482.026	2.338136	20.55978	15.2408	0.088247	16.82401	0.013159	7.124979	0.423501	84.27401	5.96543	85.8691	13.85348	130.4589	360.2639	84.27401	5.96543	NA	
CANT-DM1-COMP	543.8679	23559.32	3.671715	20.27329	3.802589	0.201985	4.891489	0.029699	3.076846	0.62902	188.6643	5.720789	186.8045	8.346433	163.332	88.9383	188.6643	5.720789	NA	
CANT-DM1-COMP	857.9985	10998.35	1.206264	21.40681	14.16448	0.072184	14.51589	0.011207	3.174691	0.218705	71.84384	2.268157	70.77017	9.923409	34.64257	340.6166	71.84384	2.268157	NA	
CANT-DM1-COMP	753.3394	12074.27	2.087007	20.02747	8.300405	0.076968	8.87886	0.01118	3.152367	0.355042	71.66946	2.246772	75.28987	6.443143	191.8243	193.3205	71.66946	2.246772	NA	
CANT-DM1-COMP	367.3197	7667.732	1.434348	20.98777	19.69395	0.071746	20.52445	0.010921	5.779383	0.281585	70.01924	4.024783	70.35454	13.95185	81.74491	471.3582	70.01924	4.024783	NA	
CANT-DM1-COMP	433.501	7675.743	1.348367	24.77678	15.11864	0.062558	15.60117	0.011242	3.850105	0.246783	72.06386	2.759084	61.613	9.326787	-327.827	390.3734	72.06386	2.759084	NA	
CANT-DM1-COMP	919.5185	36901.95	1.692378	20.1741	3.260129	0.175463	4.156352	0.025673	2.578144	0.62029	163.4106	4.160013	164.1489	6.299764	174.7878	76.08419	163.4106	4.160013	NA	
CANT-DM1-COMP	2192.967	35423.24	1.789059	20.91738	2.835244	0.076053	3.210803	0.011538	1.506867	0.469312	73.95192	1.10799	74.42766	2.304247	89.75775	67.22038	73.95192	1.10799	NA	
CANT-DM1-COMP	97.02069	29163.21	4.247642	8.722391	1.25143	5.0075	4.417823	0.316778	4.236872	0.959041	1773.976	65.70845	1820.591	37.40777	1874.335	22.56216	1874.335	22.56216	94.6456	
CANT-DM1-COMP	368.5955	14432.17	3.047171	19.92628	5.414513	0.196488	5.870029	0.028396	2.267221	0.386237	180.5035	4.03565	182.1505	9.788407	203.5753	125.7387	180.5035	4.03565	NA	
CANT-DM1-COMP	335.3902	4678.535	5.078156	22.86278	13.22654	0.087646	14.25159	0.014533	5.307193	0.372393	93.01294	4.900935	85.30855	11.66162	-125.328	327.7809	93.01294	4.900935	NA	
CANT-DM1-COMP	1090.884	9936.676	3.465879	20.93655	9.090535	0.076955	10.25426	0.011685	4.744693	0.462704	74.89194	3.532831	75.2783	7.440167	87.58673	215.9139	74.89194	3.532831	NA	
CANT-DM1-COMP	232.3397	2484.636	2.418271	18.48821	22.68711	0.080745	23.92408	0.010827	7.593213	0.317388	69.42042	5.24296	78.84518	18.15115	374.7154	516.5152	69.42042	5.24296	NA	
CANT-DM1-COMP	387.805	19218.99	2.081302	27.56582	23.66188	0.056946	24.20852	0.011385	5.115423	0.211307	72.97764	3.712064	56.23551	13.24441	-609.986	651.8579	72.97764	3.712064	NA	
CANT-DM1-COMP	468.4296	36513.86	3.597539	20.20033	5.510074	0.239606	6.591104	0.035104	3.616868	0.54875	222.4125	7.907179	218.0975	12.93675	171.7549	128.7191	222.4125	7.907179	NA	
CANT-DM1-COMP	441.1912	11560.38	1.650032	20.51823	17.00987	0.073843	17.33901	0.010989	3.362396	0.193921	70.45187	2.355974	72.34003	12.10724	135.2084	402.2276	70.45187	2.355974	NA	
CANT-DM1-COMP	204.9827	4923.141	3.236036	24.96992	61.6925	0.05874	62.4577	0.010638	9.746802	0.156054	68.21265	6.613502	57.95714	35.19908	-347.826	1749.108	68.21265	6.613502	NA	
CANT-DM1-COMP	293.6131	9276.354	3.75507	32.50587	40.87401	0.045544	41.34921	0.010737	6.250759	0.15117	68.84712	4.28057	45.22214	18.29069	-1082.31	1276.952	68.84712	4.28057	NA	
CANT-DM1-COMP	278.5641	3954.098	2.235466	24.8205	18.60078	0.061571	19.21625	0.011084	4.824468	0.251062	71.05697	3.409297	60.66885	11.31729	-332.361	481.8953	71.05697	3.409297	NA	
CANT-DM1-COMP	47.6725	46426.86	0.926946	5.351992	0.890187	13.72199	4.287468	0.532637	4.194037	0.978208	2752.552	93.96653	2730.712	40.59876	2714.587	14.6802	2714.587	14.6802	101.3986	
CANT-DM1-COMP	82.47933	6349.099	0.927731	13.86544	5.443529	1.630015	6.180048	0.163917	2.925916	0.473445	978.5081	26.56345	981.8647	38.91057	989.3591	110.8256	989.3591	110.8256	98.90323	
CANT-DM1-COMP	138.7091	2436.618	1.238256	34.74503	58.05039	0.048146	58.45347	0.012132	6.852753	0.117234	77.74046	5.295369	47.74609	27.26978	-1288.2	1978.647	77.74046	5.295369	NA	
CANT-DM1-COMP	65.55353	52782.21	0.587543	5.461489	0.578666	12.64543	3.535575	0.500891	3.487898	0.986515	2617.625	75.04052	2653.607	33.28065	2681.143	9.569262	2681.143	9.569262	97.63094	
CANT-DM1-COMP	211.9169	6341.249	2.005882	21.80671	38.91461	0.072864	39.88434	0.011524	8.741461	0.21917	73.86391	6.419936	71.41404	27.51119	-9.84927	972.3536	73.86391	6.419936	NA	
CANT-DM1-COMP	474.1989	15443.79	1.480127	27.12797	15.29456	0.056861	15.85718	0.011187	4.18646	0.26401	71.71853	2.985828	56.15402	8.662908	-566.567	414.7951	71.71853	2.985828	NA	
CANT-DM1-COMP	94.09764	80305.54	2.080021	5.789899	0.464193	11.16242	2.739062	0.468736	2.699442	0.985535	2478.015	55.53765	2536.784	25.53064	2584.112	7.7504	2584.112	7.7504	95.89428	
CANT-DM1-COMP	248.389	47027.79	5.61063	18.24766	4.336073	0.392675	6.346254	0.051968	4.633941	0.730185	326.5948	14.75726	336.3215	18.17093	404.1153	97.1246	326.5948	14.75726	NA	
CANT-DM1-COMP	80.2416	4887.19	4.59886	21.14412	12.90499	0.306629	14.76666	0.047022	7.177421	0.486056	296.2124	20.77942	271.5645	35.20032	64.11911	308.3894	296.2124	20.77942	NA	
CANT-DM1-COMP	408.474	31553.8	12.42135	19.01409	4.623424	0.398431	5.237635	0.054945	2.461051	0.469878	344.8095	8.262986	340.5099	15.15339	311.2613	105.2622	344.8095	8.262986	NA	
CANT-DM1-COMP	173.1914	2482.95	3.902803	21.53942	26.59644	0.07639	27.95457	0.011934	8.60738	0.307906	76.4736	6.543486	74.74567	20.14693	19.81032	648.5351	76.4736	6.543486	NA	
CANT-DM1-COMP	66.3602	23728.87	4.24697	13.05937	4.898178	1.985905	5.682017	0.188096	2.879787	0.506825	1111.052	29.39066	1110.731	38.39033	1110.082	97.90737	1110.082	97.90737	100.0874	
CANT-DM1-COMP	146.4975	3168.654	2.659327	27.80162	32.70413	0.128018	33.88471	0.025813	8.866433	0.261665	164.2903	14.38266	122.3151	39.06635	-633.247	915.1457	164.2903	14.38266	NA	
CANT-DM1-COMP	468.3657	10642.41	4.650098	20.87634	8.442323	0.101245	8.881145	0.015329	2.757156	0.310451	98.07004	2.68348	97.92472	8.290817	94.40072	200.1919	98.07004	2.68348	NA	
CANT-DM1-COMP	720.6885	39068.95	1.621965	19.11113	3.228329	0.225381	3.898465	0.031239	2.185388	0.560577	198.3007	4.267664	206.3787	7.280775	299.6392	73.63446	198.3007	4.267664	NA	
CANT-DM1-COMP	79.79708	8677.954	1.678594	18.80364	12.43177	0.486769	13.61025	0.066384	5.539852	0.407035	414.3338	22.23147	402.7064	45.2755	336.5372	282.6411	414.3338	22.23147	NA	
CANT-DM1-COMP	159.5006	27391.68	1.853263	18.4939	7.07895	0.411664	8.988057	0.055217	5.538378	0.616193	346.4695	18.6823	350.0726	26.61991	374.0234	159.5053	346.4695	18.6823	NA	
CANT-DM1-COMP	393.0948	7664.008	4.302167	19.5839	17.03606	0.077368	17.60907	0.010989	4.455551	0.253026	70.4534	3.121996	75.66735	12.84064	243.6618	394.9822	70.4534	3.121996	NA	
CANT-DM1-COMP	198.5562	5447.671	4.087457	19.05818	24.41055	0.075956	25.57748	0.010499	7.637566	0.298605	67.32714	5.115397	74.3357	18.3359	305.9639	563.5559	67.32714	5.115397	NA	
CANT-DM1-COMP	61.41554	5407.635	1.683739	23.56167	24.97446	0.326854	25.1763	0.055855	3.18159	0.126372	350.3656	10.84969	287.1613	63.05367	-200.224	634.0373	350.3656	10.84969	NA	
CANT-DM1-COMP	339.4182	5956.763	1.711736	23.1373	21.8212	0.067716	22.28351	0.011363	4.515537	0.20264	72.83917	3.270568	66.52972	14.35086	-154.884	547.3511	72.83917	3.270568	NA	
CANT-DM1-COMP	497.511	2421.765	1.670339	13.88233	31.90515	0.18732	32.42864	0.01886	5.803288	0.178956	120.4483	6.925069	174.3403	51.99424	986.8931	665.8458	120.4483	6.925069	12.2048	
CANT-DM1-COMP	441.2382	1483.086	2.413401	14.61688	4.165219	0.091544	7.576213	0.01119	1.38169	0.182372	71.73613	0.985676	88.94044	6.45172	580.2662	162.0197	71.73613	0.985676	12.36263	
CANT-DM1-COMP	370.7385	1824.519	2.57611	15.06237	9.059128	0.092057	11.06018	0.011289	1.239933	0.112108	72.36751	0.892291	89.41779	9.467083	573.267	239.6908	72.36751	0.892291	12.6237	
CANT-DM1-COMP	223.1091	798.5859	2.938663	17.28055	7.304477	0.060455	20.81501	0.011078	1.704274	0.081877	71.01957	1.203726	59.60064	12.04937	NA	NA	71.01957	1.203726		
CANT-DM1-COMP	138.4894	456.5588	3.152078	7.957227	28.59373	0.144697	41.13127	0.010904	2.23798	0.054411	69.91246	1.556173	137.2189	52.84004	1553.303	807.3924	69.91246	1.556173	4.50089	
CANT-DM1-COMP	64.87956	559.5124	4.337509	11.85662	15.28881	0.257303	43.2192	0.031663	2.331323	0.053942	200.9462	4.612442	232.4914	90.04264	565.7365	NA	200.9462	4.612442	35.51939	
CANT-DM1-COMP	250.7296	5735.586	3.424485	18.60764	2.348862	0.411705	5.080791	0.057755	0.814808	0.16037	361.9558	2.867976	350.1022	15.04649	273.1777	114.9896	361.9558	2.867976	132.4983	
CANT-DM1-COMP	179.3193	423.9162	5.180785	11.38978	13.76979	0.080732	36.5192	0.010892	2.916168	0.079853	69.83665	2.025563	78.83264	27.70672	361.7813	NA	69.83665	2.025563	19.30355	
CANT-DM1-COMP	61.70849	648.1259	3.238256	11.21582	6.052806	0.316762	29.64602	0.033982	1.98671	0.067014	215.4226	4.209103	279.4085	72.53702	857.3645	627.308	215.4226	4.209103	25.12614	
CANT-DM1-COMP	381.536	1813.637	3.558137	16.6731	4.686234	0.121424	8.355663	0.016814	0.948913	0.113565	107.4893	1.011524	116.3626	9.186685	302.8292	189.5142	107.4893	1.011524	35.49502	
CANT-DM1-COMP	310.7158	1307.371	5.930116	13.49739	14.18965	0.099069	21.0077	0.011295	1.355992	0.064547	72.40494	0.976312	95.91694	19.22979	729.7372	448.8557	72.40494	0.976312	9.922056	
CANT-DM1-COMP	1448.137	4922.275	2.348554	19.047	3.803819	0.079528	4.132191	0.011545	0.780566	0.188899	73.99914	0.574309	77.70149	3.091007	194.142	94.35666	73.99914	0.574309	38.11599	
CANT-DM1-COMP	1082.793	4702.115	1.546819	16.10417	8.018569	0.093831	8.596221	0.011413	1.142558	0.132914	73.15493	0.831113	91.06629	7.487614	591.0926	185.0449	73.15493	0.831113	12.37622	
CANT-DM1-COMP	213.9535	611.6119	5.250017	13.19923	12.92524	0.08091	26.85041	0.011235	2.570125	0.09572	72.02353	1.840793	79.00029	20.41046	296.4734	NA	72.02353	1.840793	24.29342	
CANT-DM1-COMP	146.7269	849.9432	4.867746	15.74615	9.203696	0.118688	20.20357	0.018495	2.457969	0.12166	118.1369	2.877324	113.8815	21.76814	26.84477	NA	118.1369	2.877324	440.0744	
CANT-DM1-COMP	709.0953	25238.86	4.99248	12.73234	0.949745	2.014971	1.473453	0.185692	0.997765	0.677161	1097.995	10.0732	1120.567	9.999217	1165.443	21.5005	1165.443	21.5005	94.2126	
CANT-DM1-COMP	374.0676	908.0372	3.770889	13.54366	8.24499	0.089907	14.26798	0.011181	1.379025	0.096652	71.67542	0.982947	87.41628	11.95128	542.7707	331.8745	71.67542	0.982947	13.20547	
CANT-DM1-COMP	548.8776	1789.561	3.377696	17.34095	3.304317	0.077429	6.976136	0.011255	1.288175	0.184655	72.15162	0.924257	75.72521	5.090557	191.0689	159.6613	72.15162	0.924257	37.7621	
CANT-DM1-COMP	403.6373	1050.252	2.950724	15.2887	5.465219	0.080154	15.12784	0.011211	1.391025	0.091951	71.87069	0.994187	78.29015	11.39901	279.9283	NA	71.87069	0.994187	25.67468	
CANT-DM1-COMP	463.4205	861.3825	3.904565	17.25536	6.7879	0.06281	12.45943	0.011126	1.620869	0.130092	71.32518	1.149715	61.85383	7.476734	NA	NA	71.32518	1.149715		
CANT-DM1-COMP	572.574	1719.854	4.620094	16.41979	5.339981	0.081589	11.04899	0.011222	1.263954	0.114395	71.93764	0.904204	79.63817	8.463192	318.2233	250.1793	71.93764	0.904204	22.60603	
CANT-DM1-COMP	150.2155	564.6642	3.348766	6.872641	12.17203	0.193325	14.68809	0.011432	2.660564	0.181138	73.27597	1.938516	179.4621	24.16605	1995.907	258.1457	73.27597	1.938516	3.671312	
CANT-DM1-COMP	424.5555	1491.217	9.722753	14.64748	9.61579	0.089268	12.61331	0.01099	1.496165	0.118618	70.4594	1.048449	86.82111	10.49627	564.7415	273.7269	70.4594	1.048449	12.4764	
CANT-DM1-COMP	300.8308	5579.449	4.020466	11.66776	0.811145	2.567058	1.289969	0.222018	0.727145	0.563692	1292.528	8.516276	1291.304	9.426429	1290.101	20.71836	1290.101	20.71836	100.1881	
CANT-DM1-COMP	326.326	1046.98	3.165196	12.73038	14.67407	0.100892	17.99704	0.011222	1.166301	0.064805	71.94059	0.834379	97.59981	16.74882	781.8304	380.2736	71.94059	0.834379	9.201559	

CANT-DM1-COMP	255.0204	605.0312	3.190735	15.10623	12.19958	0.064654	25.97065	0.011191	1.771386	0.068207	71.74194	1.263781	63.61402	16.01542	NA	NA	71.74194	1.263781	
CANT-DM1-COMP	497.4409	1553.899	4.168874	14.6886	8.883621	0.09154	16.41963	0.01123	1.228343	0.074809	71.9912	0.879379	88.9366	13.98268	572.3874	358.3372	71.9912	0.879379	12.57736
CANT-DM1-COMP	389.0364	1062.365	4.490834	15.92811	5.621176	0.075244	8.795413	0.011081	1.140594	0.129681	71.04272	0.805861	73.66349	6.249651	160.6132	NA	71.04272	0.805861	44.23218
CANT-DM1-COMP	126.1596	11851.12	2.173063	8.800903	0.819071	5.11941	1.118396	0.327444	0.705292	0.630628	1825.982	11.21524	1839.332	9.500544	1855.239	15.68522	1855.239	15.68522	98.42302
CANT-DM1-COMP	31.4412	163.1682	4.358826	5.23608	31.66136	0.178029	68.93084	0.011934	9.42764	0.13677	76.47297	7.167004	166.3635	106.1592	1770.086	1458.134	76.47297	7.167004	4.320296
CANT-DM1-COMP	211.3896	750.0064	2.749179	11.08474	12.45617	0.110655	18.74452	0.011196	3.307926	0.176474	71.77074	2.360956	106.5641	18.96468	977.858	379.0489	71.77074	2.360956	7.339587
CANT-DM1-COMP	208.1623	773.742	4.081678	11.03031	9.721369	0.111805	17.22566	0.011146	2.954043	0.171491	71.45681	2.099209	107.6148	17.59058	1007.817	346.6207	71.45681	2.099209	7.090258
CANT-DM1-COMP	145.8263	409.2847	2.84138	9.994992	17.63116	0.098693	33.40584	0.010965	3.192652	0.095572	70.29981	2.232235	95.56956	30.47856	784.2717	717.5357	70.29981	2.232235	8.963706
CANT-DM1-COMP	707.503	1978.752	4.698386	17.55391	4.540466	0.077278	8.290529	0.011209	1.064947	0.128453	71.85769	0.760997	75.58255	6.038725	196.0629	191.3376	71.85769	0.760997	36.65033
CANT-DM1-COMP	824.8084	2315.478	1.685663	18.74485	2.843827	0.073636	13.1363	0.011249	0.923772	0.070322	72.11231	0.662441	72.14439	9.148506	74.22189	NA	72.11231	0.662441	97.15774
CANT-DM1-COMP	654.3928	1941.678	2.751229	17.08055	4.724547	0.080688	9.802606	0.011357	1.033066	0.105387	72.80023	0.747843	78.79112	7.431654	265.4866	224.1592	72.80023	0.747843	27.42143
CANT-DM1-COMP	382.5632	1695.735	3.541504	13.80781	12.68138	0.100106	13.50552	0.011241	1.923389	0.142415	72.06091	1.378293	96.87442	12.47928	761.8275	283.0094	72.06091	1.378293	9.458953
CANT-DM1-COMP	774.1566	3116.907	2.054999	18.59899	3.014173	0.076448	6.288719	0.011185	0.818721	0.130189	71.70607	0.58382	74.8004	4.53493	175.8364	145.5576	71.70607	0.58382	40.77999
CANT-DM1-COMP	239.001	2075.6	3.4147	14.29238	9.869302	0.240454	11.20219	0.02741	1.147736	0.102456	174.3183	1.973905	218.7925	22.05225	730.1009	236.8025	174.3183	1.973905	23.87592
CANT-DM1-COMP	523.1198	1669.198	3.114557	16.55973	4.913391	0.079771	7.689598	0.011092	1.34378	0.174753	71.11285	0.950349	77.92955	5.768345	293.2884	173.0965	71.11285	0.950349	24.24673
CANT-DM1-COMP	265.4696	890.4312	3.730341	12.27889	12.95211	0.100137	19.91088	0.011012	2.585642	0.129861	70.60095	1.815528	96.90252	18.4041	805.7015	417.0962	70.60095	1.815528	8.762669
CANT-DM1-COMP	872.1	2909.323	3.05345	17.31956	3.573586	0.082677	4.665792	0.011255	0.791863	0.169717	72.14692	0.56812	80.65879	3.617792	341.6632	104.139	72.14692	0.56812	21.11639
CANT-DM1-COMP	249.6565	1181.019	3.251718	12.35597	11.68979	0.103798	17.04176	0.010828	1.458637	0.085592	69.42543	1.007231	100.276	16.27347	915.2959	351.7504	69.42543	1.007231	7.585025
CANT-DM1-COMP	282.7181	1500.146	4.488613	14.63594	8.399972	0.088761	12.48568	0.010862	1.19901	0.096031	69.64147	0.830514	86.34818	10.33582	577.8982	271.0242	69.64147	0.830514	12.05082
CANT-DM1-COMP	136.9897	483.4679	3.721381	9.837013	24.08822	0.107485	27.17627	0.010678	4.258475	0.156698	68.47255	2.900455	103.6618	26.7873	1014.887	553.5422	68.47255	2.900455	6.746814
CANT-DM1-COMP	2663.261	8647.33	2.932672	19.78938	1.819757	0.076763	2.073461	0.011278	0.664339	0.320401	72.29276	0.477586	75.09679	1.500917	166.2832	45.88298	72.29276	0.477586	43.47567
CANT-DM1-COMP	147.0339	461.1655	3.964885	11.47744	20.02933	0.098757	49.53995	0.012779	2.905587	0.058651	81.85644	2.363374	95.62851	45.2418	455.2956	NA	81.85644	2.363374	17.97874
CANT-DM1-COMP	404.7041	1490.897	5.192686	13.40288	9.156857	0.100333	11.94176	0.011086	1.436499	0.120292	71.06914	1.0153	97.08403	11.05698	795.8894	249.3934	71.06914	1.0153	8.929524
CANT-DM1-COMP	519.7998	1795.738	2.42383	13.74914	9.487853	0.100724	10.84668	0.01117	1.37386	0.126662	71.60436	0.978301	97.44417	10.07847	788.2082	226.4517	71.60436	0.978301	9.084448
CANT-DM1-COMP	53.09695	6553.564	2.604767	5.370433	0.797623	13.03364	1.260583	0.50725	0.764822	0.606721	2644.877	16.59267	2682.091	11.88822	2710.969	16.53081	2710.969	16.53081	97.56207
CANT-DM1-COMP	163.2678	608.5153	4.202164	10.69681	14.62661	0.10494	24.64178	0.010736	2.14168	0.086913	68.83721	1.466429	101.3263	23.76754	955.2534	509.347	68.83721	1.466429	7.206172
CANT-DM1-COMP	280.1692	27895.09	6.613528	8.430227	0.645811	5.708717	0.970818	0.345584	0.672073	0.692274	1913.475	11.12698	1932.688	8.388355	1954.114	12.51127	1954.114	12.51127	97.92034
CANT-DM1-COMP	266.2346	828.8079	2.709449	13.75112	7.205065	0.082797	11.54783	0.010786	1.78109	0.154236	69.16175	1.225248	80.77156	8.966257	440.2524	254.5828	69.16175	1.225248	15.70957
CANT-DM1-COMP	331.6007	1176.619	2.661255	15.98955	5.893494	0.077072	10.56071	0.011046	2.056277	0.19471	70.81641	1.448212	75.38849	7.673331	223.9029	NA	70.81641	1.448212	31.62818
CANT-DM1-COMP	212.19	683.8331	4.028747	9.989786	12.95604	0.115145	21.32576	0.010401	1.960528	0.091932	66.70605	1.301048	110.6612	22.36244	1204.903	423.0038	66.70605	1.301048	5.536218
CANT-DM1-COMP	113.598	1081.946	2.432784	12.53895	10.94537	0.240462	15.69292	0.02595	1.887689	0.120289	165.1534	3.077987	218.7983	30.89798	845.028	325.9452	165.1534	3.077987	19.54413
CANT-DM1-COMP	225.1602	216.7648	2.638584	10.94477	12.51309	0.030211	205.8845	0.010329	1.647877	0.008004	66.24549	1.086054	30.22106	61.3783	NA	NA	66.24549	1.086054	
CANT-DM1-COMP	212.8277	774.0604	4.070962	10.75485	10.89797	0.109749	15.34225	0.010571	1.883078	0.122738	67.78746	1.269802	105.7354	15.4073	1077.321	307.3469	67.78746	1.269802	6.292222
CANT-DM1-COMP	675.6299	7436.78	5.171222	18.80658	1.53038	0.291962	3.40895	0.04067	0.779842	0.228763	256.9826	1.964638	260.1023	7.822316	289.3026	75.82521	256.9826	1.964638	88.82831
CANT-DM1-COMP	183.3432	638.0964	2.513569	15.81556	5.361468	0.307438	41.34517	0.054898	0.833713	0.020165	344.521	2.796911	272.1929	99.02953	NA	NA	344.521	2.796911	
CANT-DM1-COMP	510.145	2872.078	4.920338	19.09236	2.763906	0.198639	6.946526	0.029989	0.977991	0.140788	190.4786	1.83561	183.9743	11.68944	102.295	NA	190.4786	1.83561	186.2053
CANT-DM1-COMP	33.06578	120.1795	4.614514	6.086734	18.71439	0.088884	213.4198	0.015611	8.985363	0.042102	99.85508	8.903214	86.46306	178.7138	NA	NA	99.85508	8.903214	
CANT-DM1-COMP	515.823	1039.04	2.750252	16.64075	5.815731	0.069843	15.93657	0.010879	1.401361	0.087934	69.74909	0.972168	68.55017	10.56432	27.93058	NA	69.74909	0.972168	249.723
CANT-DM1-COMP	509.8551	2028.926	2.690949	19.24119	2.573416	0.176407	10.04913	0.0282	0.964948	0.096023	179.2698	1.706028	164.9639	15.30202	NA	NA	179.2698	1.706028	
CANT-DM1-COMP	220.4317	1890.345	3.787737	18.73076	2.822103	0.36256	15.86984	0.056808	1.085053	0.068372	356.1863	3.759977	314.124	42.9027	13.65765	NA	356.1863	3.759977	2607.961
CANT-DM1-COMP	22.20844	1932.705	1.517084	5.348276	1.711142	12.80108	2.607878	0.505921	1.056873	0.405261	2639.19	22.88879	2665.123	24.56606	2685.572	39.42605	2685.572	39.42605	98.27293
CANT-DM1-COMP	118.7812	3446.114	1.613568	8.839775	1.223183	4.91054	3.055035	0.321192	0.900402	0.294727	1795.548	14.11089	1804.069	25.77754	1814.705	53.02786	1814.705	53.02786	98.94434
CANT-DM1-COMP	178.0311	235.9162	3.801725	10.95094	12.84945	0.038675	45.908	0.010199	2.484368	0.054116	65.41252	1.61687	38.52943	17.35839	NA	NA	65.41252	1.61687	
CANT-DM1-COMP	2586.552	4037.66	3.882444	19.84249	1.745463	0.074118	7.243251	0.011299	0.706948	0.097601	72.43263	0.509195	72.59943	5.07501	79.10708	NA	72.43263	0.509195	91.56276
CANT-DM1-COMP	105.3418	527.5722	2.774565	14.35462	7.302998	0.173521	39.83954	0.029785	1.456746	0.036565	189.2036	2.716161	162.4697	59.88357	NA	NA	189.2036	2.716161	
CANT-DM1-COMP	245.4974	777.8095	4.616618	14.13907	9.202085	0.079314	30.78812	0.0109	1.627033	0.052846	69.88363	1.130889	77.49948	22.9767	320.1732	NA	69.88363	1.130889	21.82682
CANT-DM1-COMP	204.1849	575.7308	2.67512	12.99486	13.6862	0.079635	45.83615	0.011031	2.747952	0.059952	70.72387	1.932836	77.80207	34.34255	301.9973	NA	70.72387	1.932836	23.41871
CANT-DM1-COMP	773.0194	1811.681	4.269493	17.07089	5.009492	0.085141	9.100011	0.012018	0.967305	0.106297	77.01104	0.740499	82.96677	7.249886	258.9909	208.2692	77.01104	0.740499	29.73504
CANT-DM1-COMP	222.4132	798.6027	3.52224	13.41625	9.562911	0.083468	15.92935	0.010613	2.038499	0.127971	68.0551	1.380005	81.40048	12.46106	494.0796	350.2128	68.0551	1.380005	13.77412
CANT-DM1-COMP	230.0509	637.1465	4.410724	13.57831	8.339622	0.07825	40.2206	0.011069	2.014564	0.050088	70.96172	1.42173	76.49799	29.64593	254.1028	NA	70.96172	1.42173	27.92638
CANT-DM1-COMP	915.5649	1983.854	3.549066	16.17098	3.332069	0.090064	7.985367	0.011828	0.802641	0.100514	75.80046	0.604842	87.56343	6.699346	422.3294	177.5471	75.80046	0.604842	17.94818
CANT-DM1-COMP	134.8532	219.3036	4.617935	10.18934	16.16029	0.043172	95.86217	0.01055	2.631674	0.027453	67.65525	1.771155	42.91623	40.30428	NA	NA	67.65525	1.771155	
CANT-DM1-COMP	727.9955	2177.195	1.931701	17.2429	5.851791	0.080965	12.65895	0.011258	1.39794	0.110431	72.16619	1.003214	79.05138	9.627733	293.4678	288.2627	72.16619	1.003214	24.59084
CANT-DM1-COMP	511.0121	1529.648	3.197969	14.12021	7.269463	0.095929	12.07231	0.011125	1.575529	0.130508	71.32069	1.117485	93.01123	10.73007	693.5125	255.9944	71.32069	1.117485	10.28398
CANT-DM1-COMP	144.0205	10373.19	2.028945	10.02673	1.01689	3.931468	1.569002	0.284187	0.742067	0.472955	1612.416	10.58615	1620.183	12.70149	1631.077	25.69303	1631.077	25.69303	98.8559
CANT-DM1-COMP	123.164	365.1937	5.898874	8.194369	18.67519	0.129578	33.32754	0.011047	3.190477	0.095731	70.82031	2.247139	123.7188	38.83839	1318.083	661.6283	70.82031	2.247139	5.37298
CANT-DM1-COMP	106.9836	830.8389	2.932434	12.57304	11.5768	0.296281	15.45583	0.033928	1.295313	0.083807	215.0847	2.740055	263.4909	35.88453	720.4104	328.699	215.0847	2.740055	29.85586
CANT-DM1-COMP	282.1837	34022.33	3.954598	7.782808	0.738505	6.604842	1.137855	0.368282	0.860589	0.756325	2021.313	14.93206	2059.994	10.03468	2099.671	13.07282	2099.671	13.07282	96.26808
CANT-DM1-COMP	232.0731	2746.258	2.970745	16.34045	3.688546	0.429178	4.593129	0.055099	0.943497	0.205415	345.7521	3.176222	362.5926	14.00609	472.7347	99.51534	345.7521	3.176222	73.13873
CANT-DM1-COMP	121.7798	926.638	4.170197	12.91221	17.79186	0.195766	20.2466	0.022726	2.09541	0.103494	144.8589	3.001538	181.5375	33.6692	691.4287	433.498	144.8589	3.001538	20.95067
CANT-DM1-COMP	997.5043	11221.64	4.994613	18.90887	1.129173	0.378239	2.219846	0.05262	0.664721	0.299445	330.5852	2.142075	325.7419	6.185861	292.2588	48.37516	330.5852	2.142075	113.1138
CANT-DM1-COMP	312.7738	1116.028	4.318566	16.41579	7.292634	0.075889	13.81944	0.011418	1.385646	0.100268	73.19096	1.008432	74.27294	9.898005	110.2901	NA	73.19096	1.008432	66.36224
CANT-DM1-COMP	410.6411	1377.128	3.631511	14.58629	10.89659	0.090673	20.58099	0.011193	1.300503	0.06319	71.7514	0.927955	88.13014	17.37489	559.0025	452.1333	71.7514	0.927955	12.83561
CANT-DM1-COMP	292.5353	956.1822	2.672014	11.85067	7.210859	0.109624	22.48798	0.011271	2.45397	0.109124	72.24918	1.763075	105.6211	22.56216	945.1054	463.3487	72.24918	1.763075	7.644563
CANT-DM1-COMP	217.1212	643.8683	4.653689	12.55853	12.53331	0.088261	28.16776	0.011049	1.844848	0.065495	70.83729	1.299686	85.88245	23.20038	528.2609	NA	70.83729	1.299686	13.40953
CANT-DM1-COMP	206.3615	732.6015	4.357841	10.64367	19.17914	0.113762	31.56128	0.010893	2.39985	0.076038	69.83943	1.666995	109.4012	32.74469	1089.257	646.418	69.83943	1.666995	6.411656
CANT-DM1-COMP	327.6505	967.6978	5.503012	14.05612	3.019817	0.088916	12.19511	0.011314	1.666658	0.136666	72.52342	1.201943	86.49266	10.11145	492.4944	267.2242	72.52342	1.201943	14.72573
CANT-DM1-COMP	453.0296	1037.648	2.213305	17.07496	5.736245	0.068479	13.74864	0.01103	1.292902	0.094039	70.71465	0.909275	67.25497	8.947295	NA	NA	70.71465	0.909275	
CANT-DM1-COMP	427.3835	1286.487	2.081639	16.12464	6.389174	0.078798	9.254968	0.011072	1.885074	0.203682	70.98329	1.330748	77.01443	6.864164	269.4104	208.1774	70.98329	1.330748	26.34764
CANT-DM1-COMP	67.08045	7826.745	3.908218	6.089558	0.902363	10.3954	1.25525	0.45721	0.811399	0.646404	2427.228	16.41146	2470.64	11.62762	2507.268	16.10978	2507.268	16.10978	96.80769
CANT-DM1-COMP	159.0036	997.5888	5.522971	14.50898	7.133951	0.232177	14.16414	0.030599	1.698762	0.119934	194.2954	3.251372	211.9944	27.10627	414.461	315.65	194.2954	3.251372	46.87905
CANT-DM1-COMP	191.9588	1149.948	2.740942	16.07584	8.47212	0.216574	18.48046	0.031346	0.995617	0.053874	198.9661	1.950682	199.0543	33.41696	201.1005	NA	198.9661	1.950682	98.93865
CANT-DM1-COMP	179.9924	1046.606	4.825698	15.29135	6.499728	0.193792	15.62987	0.026979	1.503242	0.096178	171.6127	2.545719	179.8594	25.76825	290.6223	NA	171.6127	2.545719	59.05009
CANT-DM1-COMP	375.6076	2108.168	7.815904	15.9551	5.957502	0.119613	8.737217	0.015385	1.711833	0.195924	98.42562	1.672085	114.7208	9.478177	468.5445	189.9862	98.42562	1.672085	21.00667
CANT-DM1-COMP	113.445	9190.439	5.674822	8.786344	0.794444	5.212343	1.353986	0.333653	0.764136	0.56436	1856.062	12.32371	1854.636	11.53561	1853.81	20.20341	1853.81	20.20341	100.1215
CANT-DM1-COMP	1114.173	3364.299	3.799112	17.93052	3.839726	0.084275	6.6075	0.01179	0.845697	0.12799	75.5593	0.635272	82.15631	5.214716	279.4593	150.1353	75.5593	0.635272	27.03768
CANT-DM1-COMP	87.85109	5506.43	2.135596	10.92884	1.757025	3.104423	2.588124	0.252522	0.827974	0.319913	1451.471	10.76092	1433.787	19.87921	1408.456	46.94732	1408.456	46.94732	103.054
CANT-DM1-COMP	86.33498	671.4783	3.406284	10.61193	18.8531	0.227018	26.55338	0.022533	3.439043	0.129514	143.6443	4.885358	207.7339	49.92391	1016.767	542.4883	143.6443	4.885358	14.12755
CANT-DM1-COMP	139.0398	2573.129	2.970929	17.41873	3.428746	0.420574	4.561175	0.058896	1.233596	0.270456	368.9095	4.423088	356.4611	13.71233	277.2058	100.6007	368.9095	4.423088	133.0815
CANT-DM1-COMP	370.373	1117.519	2.820059	14.33918	9.845895	0.08806	16.08746	0.011252	1.428676	0.088807	72.13147	1.024781	85.69469	13.22112	483.1889	355.9357	72.13147	1.024781	14.92821
CANT-DM1-COMP	213.1516	519.7042	5.710711	10.87426	18.85963	0.096401	28.677	0.010876	2.416612	0.08427	69.73186	1.676067	93.44906	25.60762	751.9596	615.2356	69.73186	1.676067	9.273351
CANT-DM1-COMP	274.5634	726.055	2.883571	13.09194	5.236785	0.125851	10.24024	0.016081	1.439018	0.140526	102.8394	1.468135	120.3623	11.62341	483.2125	224.4022	102.8394	1.468135	21.28243
CANT-DM1-COMP	180.3165	507.895	3.573852	10.41409	15.24403	0.101861	20.66251	0.010821	3.338105	0.161554	69.38219	2.303631	98.4927	19.39754	877.7008	426.2164	69.38219	2.303631	7.904993
CANT-DM1-COMP	305.4443	13760.64	2.889605	13.21682	0.933247	1.874343	1.454758	0.180616	0.776261	0.533601	1070.342	7.655519	1072.066	9.632618	1076.469	24.68132	1076.469	24.68132	99.4308
CANT-DM1-COMP	32.32548	231.3989	5.378187	6.746474	16.28684	0.409608	51.52286	0.033576	4.509614	0.087526	212.8896	9.443711	348.5925	153.171	1393.719	1060.738	212.8896	9.443711	15.27493
CANT-DM1-COMP	71.60282	944.6597	2.449373	14.66068	7.792542	0.497533	15.03988	0.06828	0.855405	0.056876	425.7862	3.524518	410.0313	50.77871	323.2607	NA	425.7862	3.524518	131.716
CANT-DM1-COMP	456.1848	2308.254	2.742133	18.74958	3.032083	0.203639	4.345199	0.031291	0.831486	0.191357	198.6237	1.626344	188.2011	7.46471	60.385	NA	198.6237	1.626344	328.9288
CANT-DM1-COMP	202.0914	3505.922	3.839244	18.86804	1.549294	0.373357	2.82649	0.055179	0.860069	0.304289	346.2394	2.899337	322.1386	7.802377	152.3546	63.06379	346.2394	2.899337	227.2588
CANT-DM1-COMP	406.2018	1029.779	2.965551	17.08277	6.80884	0.068766	22.62439	0.011238	1.510832	0.066779	72.03803	1.082315	67.52789	14.78187	NA	NA	72.03803	1.082315	
CANT-DM1-COMP	30.57626	324.1784	5.577007	11.35153	10.36034	0.212135	101.3199	0.036137	3.064282	0.030244	228.8417	6.889351	195.3423	181.9701	NA	NA	228.8417	6.889351	
CANT-DM1-COMP	431.7676	1177.92	4.195168	14.44626	6.99664	0.086918	8.954598	0.011031	1.262146	0.14095	70.72227	0.88774	84.62801	7.271014	498.1024	195.6381	70.72227	0.88774	14.19834
CANT-DM1-COMP	240.1568	24482.57	1.751641	9.175009	0.94519	4.760797	1.309417	0.31678	0.829961	0.63384	1773.985	12.87126	1778.013	10.98808	1783.52	18.46379	1783.52	18.46379	99.46535
CANT-DM1-COMP	372.3724	1018.486	2.750834	16.37826	6.975246	0.070718	17.5048	0.01095	1.561501	0.089204	70.20606	1.090321	69.38056	11.73981	42.06108	NA	70.20606	1.090321	166.9145
CANT-DM1-COMP	96.6644	12467.44	1.283579	8.777671	0.859786	5.179151	1.242196	0.330766	0.780868	0.628619	1842.095	12.51169	1849.196	10.57221	1857.963	17.4526	1857.963	17.4526	99.14597
CANT-DM1-COMP	240.0956	1130.786	3.804877	14.00298	9.653302	0.09034	10.99242	0.011122	1.8171	0.165305	71.30077	1.288468	87.8202	9.248134	564.7522	236.7227	71.30077	1.288468	12.62514
CANT-DM1-COMP	145.8173	15054.68	1.351012	8.824727	1.000724	5.150627	1.319692	0.33018	0.795438	0.602746	1839.252	12.72815	1844.498	11.22175	1851.194	19.03929	1851.194	19.03929	99.35492
CANT-DM1-COMP	444.7556	1372.042	3.516771	12.98548	11.05984	0.101476	12.99528	0.011003	1.395231	0.107364	70.54552	0.978907	98.13766	12.15692	835.0949	270.277	70.54552	0.978907	8.447605
CANT-DM1-COMP	284.0131	27470.33	3.678234	9.166072	0.808313	4.751219	1.140522	0.315179	0.795968	0.697898	1766.144	12.29665	1776.323	9.567349	1789.083	14.88085	1789.083	14.88085	98.71786
CANT-DM1-COMP	103.1652	8235.04	1.280438	8.591673	0.947205	5.239918	1.465132	0.32896	0.827843	0.56503	1833.337	13.20984	1859.133	12.49321	1888.876	21.75797	1888.876	21.75797	97.05967
CANT-DM1-COMP	116.9362	688.8783	3.011417	8.165414	32.18016	0.183261	34.63732	0.012878	6.384643	0.184328	82.48417	5.232772	170.8626	54.52309	1683.474	648.3651	82.48417	5.232772	4.899639
CANT-DM1-COMP	259.1626	1521.214	4.883889	14.46943	8.327673	0.150909	13.5574	0.018255	1.369635	0.101025	116.6157	1.582849	142.7144	18.05207	602.9547	293.0706	116.6157	1.582849	19.34071
CANT-DM1-COMP	681.4541	29772.1	3.756229	13.88042	0.875663	1.604524	1.279266	0.161759	0.876342	0.685035	966.5438	7.865818	971.9752	8.00235	985.1427	18.95155	985.1427	18.95155	98.11206
CANT-DM1-COMP	437.9674	4020.733	1.125442	17.99528	4.490207	0.206208	6.185105	0.028612	0.874307	0.141357	181.8531	1.567739	190.3656	10.73684	298.2571	139.8007	181.8531	1.567739	60.97194
CANT-DM1-COMP	157.7404	16127.52	3.895525	8.863721	0.898719	5.057795	1.273667	0.325396	0.849701	0.66713	1816.026	13.44779	1829.056	10.79813	1844.694	17.16818	1844.694	17.16818	98.4459

CANT-DM1-COMP	149.6162	655.2248	2.517204	12.40468	14.60182	0.112141	28.47675	0.013835	3.471179	0.121895	88.57466	3.053559	107.9217	29.16373	560.1822	NA	88.57466	3.053559	15.81176
CANT-DM1-COMP	334.2422	1374.79	5.290021	17.04635	6.570674	0.088515	9.477247	0.013304	1.241113	0.130957	85.19975	1.050468	86.1194	7.825367	112.7204	NA	85.19975	1.050468	75.58503
CANT-DM1-COMP	335.1433	2436.04	3.324547	18.68112	4.223112	0.187629	8.59828	0.028425	1.282397	0.149146	180.6811	2.284879	174.6041	13.79391	94.08715	NA	180.6811	2.284879	192.0359
CANT-DM1-COMP	134.2333	5049.009	4.023776	17.24686	2.924183	0.530806	5.014638	0.069411	0.870884	0.173668	432.6034	3.643844	432.3441	17.65748	431.9124	110.0865	432.6034	3.643844	100.16
CANT-DM1-COMP	204.6366	1586.033	2.383008	16.38944	7.661558	0.173464	16.37562	0.024142	1.283194	0.07836	153.7801	1.949947	162.4209	24.584	291.3362	NA	153.7801	1.949947	52.78441
CANT-DM1-COMP	428.5123	4690.868	2.882502	18.50175	3.55348	0.204538	5.979179	0.028939	0.783325	0.131009	183.9075	1.420238	188.9584	10.30953	253.5546	136.4192	183.9075	1.420238	72.5317
CANT-DM1-COMP	198.0413	1807.146	3.273572	17.05362	4.162751	0.214736	8.669103	0.030628	1.326843	0.153054	194.4768	2.541869	197.5195	15.56187	235.043	197.9761	194.4768	2.541869	82.74097
CANT-DM1-COMP	255.9787	10367.52	6.183329	13.49253	1.28369	1.685492	1.712386	0.166656	0.8879	0.518516	993.6603	8.176374	1003.06	10.91317	1024.521	29.63134	1024.521	29.63134	96.98777
CANT-DM1-COMP	271.7129	11325.73	3.18802	8.357663	0.791665	5.043852	1.208086	0.306611	0.748867	0.619879	1724.006	11.32828	1826.716	10.23743	1946.665	16.94536	1946.665	16.94536	88.56202
CANT-DM1-COMP	485.8826	1762.865	2.292826	18.4124	4.21831	0.070491	9.811379	0.011055	1.122247	0.114382	70.87378	0.791022	69.16533	6.560199	11.50927	NA	70.87378	0.791022	615.7973
CANT-DM1-COMP	511.7526	1784.034	3.704461	16.15399	6.388847	0.084225	9.187106	0.011296	1.323335	0.144043	72.41291	0.952903	82.10942	7.246656	375.1523	204.9842	72.41291	0.952903	19.30227
CANT-DM1-COMP	261.9376	1068.341	1.936433	15.78914	9.032762	0.092557	15.45596	0.013451	1.907174	0.123394	86.13269	1.631775	89.88246	13.29583	191.6539	NA	86.13269	1.631775	44.94178
CANT-DM1-COMP	129.0741	16408.49	1.912167	8.598404	0.840859	5.49697	1.218393	0.342787	0.768239	0.630535	1900.064	12.64248	1900.123	10.46755	1900.953	16.99596	1900.953	16.99596	99.95321
CANT-DM1-COMP	417.5112	3363.498	2.652357	19.21524	3.269938	0.192696	7.354768	0.029076	0.83232	0.113167	184.7618	1.51598	178.9272	12.06598	103.5331	NA	184.7618	1.51598	178.4567
CANT-DM1-COMP	201.2632	15752.65	2.7367	6.689569	0.723551	8.185398	1.321207	0.396838	1.066812	0.807452	2154.464	19.53775	2251.729	11.95536	2342.066	13.33264	2342.066	13.33264	91.98987
CANT-DM1-COMP	478.7636	1795.46	2.980234	19.3663	2.775612	0.114188	7.138754	0.018975	0.894523	0.125305	121.1739	1.073805	109.7894	7.428873	NA	NA	121.1739	1.073805	
CANT-DM1-COMP	287.369	1016.86	2.790994	14.45939	10.2729	0.08515	11.96038	0.011205	1.827078	0.152761	71.8321	1.305143	82.97575	9.529821	417.8102	264.8433	71.8321	1.305143	17.19252
CANT-DM1-COMP	234.5045	875.6833	6.464656	11.87101	12.20649	0.114652	15.08974	0.012186	1.989657	0.131855	78.08365	1.544225	110.2118	15.76115	876.5855	311.2458	78.08365	1.544225	8.907705
CANT-DM1-COMP	271.6151	2158.423	4.9932	18.07742	4.077201	0.200572	7.084271	0.029773	1.026724	0.14493	189.1271	1.913605	185.6099	12.01786	142.1162	NA	189.1271	1.913605	133.0792
CANT-DM1-COMP	217.6432	643.0861	3.74347	14.62307	8.614844	0.071471	28.07409	0.011292	2.009796	0.071589	72.38661	1.446685	70.09424	19.01669	NA	NA	72.38661	1.446685	
CANT-DM1-COMP	41.25758	3308.628	2.151345	8.813811	2.254028	4.935651	4.029298	0.323477	0.817411	0.202867	1806.688	12.87912	1808.374	34.03282	1811.093	71.71268	1811.093	71.71268	99.75673
CANT-DM1-COMP	123.5526	1279.781	3.238644	14.80995	7.124663	0.231599	16.13302	0.029425	2.73069	0.169261	186.9506	5.031728	211.5177	30.81384	495.7353	352.3952	186.9506	5.031728	37.71177
CANT-DM1-COMP	668.6715	1598.066	2.104596	19.58586	2.644454	0.065961	17.68901	0.01122	1.001718	0.056629	71.92844	0.716515	64.85957	11.11471	NA	NA	71.92844	0.716515	
CANT-DM1-COMP	70.05589	4648.422	3.163529	13.15024	3.47262	1.908143	4.831257	0.185685	0.698555	0.144591	1097.96	7.052243	1083.936	32.19814	1056.751	96.288	1056.751	96.288	103.8996
CANT-DM1-COMP	859.0857	3164.453	3.939901	18.06034	5.186366	0.117113	6.30039	0.016397	0.757849	0.120286	104.8461	0.788149	112.4516	6.70676	277.6348	143.3194	104.8461	0.788149	37.76403
CANT-DM1-COMP	520.663	5393.159	3.932243	19.1406	2.252556	0.27378	5.202386	0.039266	0.882909	0.169712	248.279	2.1504	245.7115	11.35424	222.2856	118.6457	248.279	2.1504	111.6937
CANT-DM1-COMP	494.6547	6258.127	1.350882	17.48049	4.480267	0.242928	5.235528	0.031321	1.023168	0.195428	198.813	2.003143	220.8154	10.39052	463.3035	113.8607	198.813	2.003143	42.91205
CANT-DM1-COMP	109.4119	996.9551	3.178027	14.21816	7.882974	0.236367	17.92103	0.030247	1.624808	0.090665	192.0928	3.075096	215.4414	34.80187	479.9253	397.2033	192.0928	3.075096	40.02557
CANT-DM1-COMP	10.22196	157.6907	3.202317	4.570569	28.10451	0.763892	51.24203	0.040151	8.086655	0.157813	253.7666	20.12262	576.2531	229.1407	2202.836	949.7008	253.7666	20.12262	11.51999
CANT-DM1-COMP	197.469	1707.351	3.563416	16.19137	9.877666	0.229413	12.86489	0.030741	1.321257	0.102703	195.1863	2.54026	209.7139	24.38032	377.1923	288.9364	195.1863	2.54026	51.74715
CANT-DM1-COMP	362.9847	954.3662	6.85611	15.14369	6.689547	0.103938	18.88726	0.014632	1.379913	0.073061	93.63799	1.282784	100.4051	18.05823	265.1994	NA	93.63799	1.282784	35.30853
CANT-DM1-COMP	195.2198	1999.594	3.21659	15.90288	5.044071	0.237173	5.759791	0.030588	1.138548	0.197672	194.2274	2.17839	216.1027	11.21214	462.6729	125.2106	194.2274	2.17839	41.97942
CANT-DM1-COMP	3668.772	11262.92	2.924939	20.57485	1.208036	0.075565	2.566042	0.011409	0.87243	0.33999	73.12954	0.634399	73.96645	1.83053	102.1368	57.05378	73.12954	0.634399	71.59959
CANT-DM1-COMP	262.4222	2003.859	3.956751	15.17441	5.768204	0.254	7.241407	0.030925	0.944793	0.130471	196.3325	1.826974	229.8205	14.89432	588.9312	155.9133	196.3325	1.826974	33.33709
CANT-DM1-COMP	242.22	806.4883	2.941991	11.66422	11.93664	0.105073	17.52468	0.01105	2.401638	0.137043	70.84039	1.692016	101.4484	16.92078	898.6184	360.6585	70.84039	1.692016	7.883257
CANT-DM1-COMP	91.36101	11765.51	2.219707	8.087532	0.95855	6.206264	1.22707	0.361693	0.742184	0.604842	1990.195	12.70841	2005.331	10.73088	2021.716	17.31514	2021.716	17.31514	98.44092
CANT-DM1-COMP	64.47832	475.6589	4.754781	9.623598	9.225132	0.331132	17.92214	0.032079	4.34115	0.242223	203.5488	8.698317	290.4295	45.29889	1065.753	352.185	203.5488	8.698317	19.09906
CANT-DM1-COMP	229.8615	20669.3	2.902899	9.11151	0.691344	4.804591	1.094762	0.314455	0.684367	0.625128	1762.592	10.55408	1785.702	9.201242	1813.591	15.51996	1813.591	15.51996	97.18794
CANT-DM1-COMP	480.6046	8777.254	3.666679	18.48401	1.949163	0.429424	2.408617	0.058476	0.691588	0.287131	366.3531	2.463005	362.7672	7.347343	340.9114	52.2209	366.3531	2.463005	107.4629
CANT-DM1-COMP	227.0079	1732.572	3.82845	17.40633	5.234329	0.198796	11.94759	0.028994	1.358913	0.11374	184.251	2.468367	184.1072	20.12009	183.254	NA	184.251	2.468367	100.5441
CANT-DM1-COMP	300.3753	34060.42	4.400032	8.126606	0.659133	6.176196	0.958646	0.359515	0.690834	0.720635	1979.875	11.77676	2001.086	8.377703	2023.814	11.77565	2023.814	11.77565	97.82889
CANT-DM1-COMP	69.31131	3629.057	4.831903	12.91452	2.731848	1.920757	5.956607	0.186715	0.681891	0.114476	1103.553	6.916168	1088.331	39.79497	1058.89	119.2069	1058.89	119.2069	104.218
CANT-DM1-COMP	171.9791	3748.47	2.583143	16.8054	4.827845	0.423967	5.579817	0.054579	1.062376	0.190396	342.5753	3.544425	358.8838	16.87027	466.6614	121.3862	342.5753	3.544425	73.40981
CANT-DM1-COMP	166.1637	1774.089	2.005931	14.72512	6.004491	0.253234	8.201728	0.030356	1.259009	0.153505	192.7754	2.391129	229.2	16.82927	622.5361	175.0702	192.7754	2.391129	30.96614
CANT-DM1-COMP	521.4819	2144.11	8.170462	18.10501	4.388448	0.085761	10.30946	0.012698	1.158951	0.112416	81.3421	0.936792	83.54645	8.268542	148.0341	NA	81.3421	0.936792	54.94823
CANT-DM1-COMP	184.2234	443.5764	3.731997	9.333959	17.4525	0.113292	37.96458	0.010814	2.520747	0.066397	69.33917	1.738498	108.9719	39.24763	1095.428	786.7709	69.33917	1.738498	6.329872
CANT-DM1-COMP	468.6097	1753.488	2.230068	17.64574	5.27931	0.097246	8.678307	0.014461	0.858131	0.098882	92.55413	0.788561	94.23069	7.809799	137.9225	NA	92.55413	0.788561	67.10588
CANT-DM1-COMP	192.6851	1188.81	2.055583	12.22884	14.58184	0.158182	16.72551	0.016356	1.487489	0.088935	104.5865	1.543161	149.1102	23.19871	933.3537	344.0691	104.5865	1.543161	11.20546
CANT-DM1-COMP	613.2227	1584.582	2.261119	15.24404	6.871208	0.087832	15.34301	0.011227	1.061467	0.069182	71.97378	0.759729	85.48147	12.57917	482.3114	339.8716	71.97378	0.759729	14.92268
CANT-DM1-COMP	140.8411	13256.75	3.706912	8.227338	0.956821	5.93912	1.310683	0.355137	0.7189	0.548493	1959.082	12.14508	1966.975	11.39104	1976.046	19.52316	1976.046	19.52316	99.1415
CANT-DM1-COMP	234.2094	9846.561	2.098632	8.748175	0.687787	4.807391	1.214485	0.306816	0.781808	0.643737	1725.017	11.83265	1786.192	10.20857	1859.189	16.78716	1859.189	16.78716	92.78331
CANT-DM1-COMP	706.4509	3308.578	2.799953	19.1944	3.028503	0.103943	7.652735	0.01571	0.826354	0.107981	100.4854	0.823927	100.4092	7.316463	99.62161	NA	100.4854	0.823927	100.8671
CANT-DM1-COMP	472.5407	38821.53	5.66462	8.973598	0.648074	4.942114	1.020522	0.319846	0.776681	0.761062	1788.976	12.13329	1809.479	8.618556	1833.949	11.99523	1833.949	11.99523	97.54775
CANT-DM1-COMP	213.7829	612.5841	3.989721	16.01495	7.607221	0.057577	33.23009	0.010879	2.036276	0.061278	69.7499	1.412644	56.84162	18.37156	NA	NA	69.7499	1.412644	
CANT-DM1-COMP	237.1251	2131.329	4.131817	17.13222	3.407254	0.217673	12.2708	0.030396	1.127308	0.091869	193.0241	2.143722	199.9713	22.27648	283.7342	280.3917	193.0241	2.143722	68.0299
CANT-DM1-COMP	827.5926	3944.905	2.265967	18.09041	6.331375	0.119865	9.205589	0.016715	0.789017	0.085711	106.8627	0.836215	114.9492	10.00508	286.7949	210.0548	106.8627	0.836215	37.26103
CANT-DM1-COMP	58.95379	563.6729	8.637446	12.84001	15.88652	0.220892	46.53123	0.030546	3.171827	0.068166	193.9638	6.060562	202.6519	85.68533	305.9511	NA	193.9638	6.060562	63.39698
CANT-DM1-COMP	110.6222	537.1868	5.080357	11.84843	28.94925	0.13494	35.01933	0.016941	2.792504	0.079742	108.2956	2.998897	128.5269	42.30155	521.9387	NA	108.2956	2.998897	20.74871
CANT-DM1-COMP	251.5465	1867.512	6.789019	17.63997	3.690412	0.210623	10.63233	0.031025	1.068649	0.100509	196.9616	2.072997	194.0751	18.7847	160.1342	NA	196.9616	2.072997	122.9978
CANT-DM1-COMP	353.4546	2768.578	2.639032	17.25732	3.622292	0.20926	4.619022	0.028573	1.197661	0.259289	181.6081	2.144697	192.9317	8.116263	334.8139	101.133	181.6081	2.144697	54.24149
CANT-DM1-COMP	149.8845	12132.2	4.704956	12.62414	1.671968	2.077712	2.188538	0.191394	0.751428	0.343347	1128.92	7.781764	1141.48	15.00282	1166.274	40.74368	1166.274	40.74368	96.79709
CANT-DM1-COMP	1270.113	4043.007	2.714023	19.64239	2.406582	0.100401	3.892762	0.015234	0.810887	0.208306	97.46283	0.784369	97.14656	3.606428	90.43175	90.22937	97.46283	0.784369	107.775
CANT-DM1-COMP	378.9903	3336.87	3.951539	17.89551	3.583324	0.224246	8.21796	0.031267	0.934642	0.113732	198.4747	1.826763	205.4376	15.28562	287.0706	186.889	198.4747	1.826763	69.13795
CANT-DM1-COMP	76.6258	562.2203	4.059682	10.34311	10.82345	0.229351	16.21071	0.023114	3.764556	0.232226	147.3088	5.482641	209.6625	30.7177	985.8171	322.8204	147.3088	5.482641	14.94281
CANT-DM1-COMP	91.98961	921.2063	3.961061	13.97455	6.567358	0.277821	11.99756	0.035789	3.532552	0.294439	226.6812	7.868481	248.9272	26.49207	465.1576	254.7652	226.6812	7.868481	48.73213
CANT-DM1-COMP	276.7528	861.7131	4.188302	13.34809	9.568709	0.090996	13.69246	0.01126	2.29351	0.167502	72.18262	1.646281	88.43035	11.59651	553.5628	295.7765	72.18262	1.646281	13.03964
CANT-DM1-COMP	219.6878	2573.673	3.449863	16.40628	3.091813	0.233575	4.814004	0.030362	1.338138	0.277968	192.815	2.541926	213.146	9.255714	445.1513	102.8382	192.815	2.541926	43.31448
CANT-DM1-COMP	118.4491	605.9805	4.913757	13.98444	7.664623	0.12276	14.88217	0.018746	4.786282	0.321612	119.7254	5.67751	117.5711	16.52359	75.20294	NA	119.7254	5.67751	159.2031
CANT-DM1-COMP	166.9217	6003.067	4.64871	16.7192	4.27794	0.600743	4.541646	0.075364	0.719111	0.158337	468.3886	3.248778	477.7048	17.30821	523.6182	98.39645	468.3886	3.248778	89.45231
CANT-DM1-COMP	1434.047	4975.437	6.207276	19.84289	2.132127	0.074942	3.762546	0.011354	0.629195	0.167226	72.78184	0.455364	73.37821	2.663495	93.89602	87.87598	72.78184	0.455364	77.51323
CANT-DM1-COMP	369.0555	1669.838	3.167771	15.16702	6.933507	0.118674	9.991157	0.014864	1.029472	0.103038	95.11674	0.972011	113.8689	10.76249	527.0951	218.3182	95.11674	0.972011	18.04546
CANT-DM1-COMP	406.9373	3295.661	1.930625	18.61756	4.011602	0.200146	5.36154	0.029117	1.043994	0.194719	185.0216	1.904158	185.2495	9.079113	189.147	122.4337	185.0216	1.904158	97.81892
CANT-DM1-COMP	172.6491	1300.277	2.50682	14.0782	8.618538	0.254647	11.3315	0.030474	1.313494	0.115915	193.5169	2.504059	230.3436	23.35664	626.1241	243.3318	193.5169	2.504059	30.90712
CANT-DM1-COMP	187.9482	14087.88	3.231187	9.096051	0.775508	4.857899	1.129474	0.319389	0.769986	0.681721	1786.743	12.01568	1794.985	9.510981	1805.351	15.02374	1805.351	15.02374	98.96925
CANT-DM1-COMP	152.4687	1527.424	4.16624	14.81526	8.477329	0.246674	14.11749	0.03046	1.933078	0.136928	193.4289	3.683593	223.8708	28.37075	558.194	306.2728	193.4289	3.683593	34.65263
CANT-DM1-COMP	929.6016	4648.174	9.477324	17.83398	6.510548	0.097045	8.819685	0.013081	0.972321	0.110244	83.78045	0.809344	94.04465	7.922077	363.8451	198.0178	83.78045	0.809344	23.02641
CANT-DM1-COMP	57.10236	5772.516	2.202878	6.122363	1.051067	10.44809	1.323109	0.462428	0.757362	0.572411	2450.271	15.43806	2475.324	12.26169	2496.676	18.26831	2496.676	18.26831	98.14131
CANT-DM1-COMP	535.0804	3423.962	4.87824	8.847891	0.638786	4.006371	1.08206	0.262073	0.743905	0.68749	1500.438	9.958034	1635.489	8.79266	1814.558	14.27028	1814.558	14.27028	82.68892
CANT-DM1-COMP	277.2963	1084.095	3.16256	12.67015	7.609535	0.098592	12.62282	0.010718	2.609353	0.206717	68.72401	1.783727	95.4758	11.50297	829.8414	258.4708	68.72401	1.783727	8.281584
CANT-DM1-COMP	376.7937	1201.175	3.932541	15.54998	6.530649	0.079222	17.08761	0.010857	1.518023	0.088838	69.61285	1.051054	77.41368	12.73713	326.382	NA	69.61285	1.051054	21.32864
CANT-DM1-COMP	181.6621	589.3202	3.104573	11.05399	13.53419	0.098992	24.26941	0.010758	3.260722	0.134355	68.98036	2.237266	95.84556	22.20058	830.4748	508.4224	68.98036	2.237266	8.306136
CANT-DM1-COMP	180.469	548.0882	3.707781	10.09535	11.04422	0.110078	28.80424	0.010818	2.619194	0.090931	69.35966	1.806926	106.037	29.01032	1036.941	591.1755	69.35966	1.806926	6.688871
CANT-DM1-COMP	347.3488	1094.942	3.436338	16.25951	7.356294	0.072991	14.43081	0.0109	1.659611	0.115005	69.88752	1.153596	71.53391	9.968011	127.9717	NA	69.88752	1.153596	54.61171
CANT-DM1-COMP	177.916	599.1934	4.890174	12.1782	12.3207	0.086147	30.7478	0.010691	2.209781	0.071868	68.55274	1.506839	83.90776	24.76746	547.2811	NA	68.55274	1.506839	12.52606
CANT-DM1-COMP	950.4034	2528.828	1.57871	17.53476	3.210552	0.07952	5.421231	0.011135	0.886952	0.163607	71.38627	0.629669	77.69389	4.054876	277.3152	122.5352	71.38627	0.629669	25.74193
CANT-DM1-COMP	208.3301	478.1608	3.332645	9.42996	15.02877	0.111937	22.92989	0.010518	2.477011	0.108025	67.45011	1.662036	107.7358	23.44243	1126.826	460.0525	67.45011	1.662036	5.985848
CANT-DM1-COMP	472.7596	1676.496	5.112921	14.52911	6.950857	0.092245	11.67633	0.010978	1.216557	0.10419	70.38342	0.851597	89.59294	10.01325	638.1532	250.6017	70.38342	0.851597	11.02923
CANT-DM1-COMP	530.4845	1240.615	2.985933	15.37088	3.590142	0.081556	6.327901	0.010967	0.889869	0.140626	70.31303	0.622294	79.6067	4.845062	369.2707	141.2686	70.31303	0.622294	19.04105
CANT-DM1-COMP	954.2519	3417.529	3.211267	18.37454	3.025783	0.078316	5.399228	0.011188	0.790496	0.146409	71.72347	0.563829	76.5605	3.9817	231.2822	123.3811	71.72347	0.563829	31.01124
CANT-DM1-COMP	86.83748	902.2212	2.194331	9.35294	9.998885	0.373929	15.86236	0.029267	2.102038	0.132517	185.9596	3.8531	322.5611	43.86241	1481.824	299.8552	185.9596	3.8531	12.54937
CANT-DM1-COMP	938.8224	1597.031	3.055881	17.34306	3.30709	0.075907	7.729306	0.011217	0.970181	0.12552	71.90495	0.693732	74.28988	5.537119	152.743	NA	71.90495	0.693732	47.07576
CANT-DM1-COMP	191.3278	836.7036	4.201409	9.483858	6.411463	0.138864	13.81923	0.011157	3.288175	0.237942	71.52511	2.338872	132.0312	17.11085	1432.025	257.2548	71.52511	2.338872	4.994683
CANT-DM1-COMP	423.8981	2638.61	16.88167	12.21617	2.623831	0.270687	3.453596	0.02523	0.858853	0.248684	160.6265	1.3625	243.2425	7.470292	1142.953	66.51296	160.6265	1.3625	14.05364
CANT-DM1-COMP	281.2509	940.5974	3.135523	11.24522	18.23674	0.114549	19.63796	0.011071	1.336505	0.068057	70.97656	0.943402	110.1184	20.49644	1070.505	397.3641	70.97656	0.943402	6.630192
CANT-DM1-COMP	287.8796	1475.29	3.9465	14.53793	4.329042	0.09167	14.69656	0.011089	2.181565	0.148441	71.09351	1.542431	89.05784	12.53151	602.8305	316.0515	71.09351	1.542431	11.79328
CANT-DM1-COMP	226.7309	863.2225	3.359371	12.48574	7.915397	0.132378	17.36948	0.014946	0.995933	0.057338	95.63806	0.945461	126.2322	20.62057	750.2996	368.836	95.63806	0.945461	12.74665
CANT-DM1-COMP	171.1832	548.0641	3.798026	10.2143	13.14739	0.111165	18.7059	0.011108	2.567263	0.137244	71.21515	1.818219	107.0304	19.00415	1003.086	379.2124	71.21515	1.818219	7.099608
CANT-DM1-COMP	185.1669	616.0846	1.123609	7.74311	1.049151	3.754628	10.46585	0.251718	1.364121	0.13034	1447.331	17.68399	1583.102	84.10977	1769.787	190.0158	1769.787	190.0158	81.77993
CANT-DM1-COMP	89.90381	651.6173	2.175469	11.31541	9.188007	0.250765	14.67698	0.027142	3.990666	0.2719	172.6378	6.797967	227.1976	29.88709	838.8779	295.4905	172.6378	6.797967	20.57961
CANT-DM1-COMP	812.203	3822.822	2.865151	18.20865	1.290262	0.407664	4.024509	0.0571	0.690296	0.171523	357.9641	2.403656	347.1919	11.83494	276.7488	90.83366	357.9641	2.403656	129.3462
CANT-DM1-COMP	334.2656	1975.352	3.323862	18.47327	3.11765	0.198152	4.049142	0.030464	0.659875	0.162967	193.453	1.257584	183.5611	6.799632	59.12589	NA	193.453	1.257584	327.1883
CANT-DM1-COMP	171.819	17604.54	3.499662	9.138932	0.77284	4.767834	1.067184	0.314798	0.703217	0.658946	1764.274	10.85378	1779.252	8.957541	1797.644	14.61009	1797.644	14.61009	98.14366
CANT-DM1-COMP	589.5936	2564.779	2.189332	15.97986	5.156487	0.089103	10.87219	0.011236	0.824345	0.075821	72.02618	0.59044	86.66779	9.031991	512.3388	238.8304	72.02618	0.59044	14.05831
CANT-DM1-COMP	210.1832	587.4222	3.117289	12.50019	8.870245	0.084857	44.65045	0.011047	3.025265	0.067754	70.8219	2.130824	82.70131	35.47715	441.8635	NA	70.8219	2.130824	16.02801

CANT-DM1-COMP	445.5123	3821.226	44.90315	17.78158	3.753172	0.208925	7.231118	0.028659	0.760508	0.105172	182.1471	1.365856	192.65	12.68962	324.3432	163.4755	182.1471	1.365856	56.15874
CANT-DM1-COMP	64.3944	559.7261	3.497779	9.74238	21.45117	0.358727	28.41906	0.033295	2.820407	0.099243	211.1406	5.858559	311.2638	76.32881	1151.315	572.7678	211.1406	5.858559	18.33907
CANT-DM1-COMP	487.3271	1552.483	4.542123	16.44027	5.790978	0.080418	9.005498	0.011232	1.479698	0.164311	72.00146	1.059477	78.53741	6.806178	283.244	203.5497	72.00146	1.059477	25.4203
CANT-DM1-COMP	191.7712	1541.787	3.589777	16.06854	3.972381	0.227505	8.965662	0.030949	1.275455	0.14226	196.4845	2.468264	208.1368	16.87406	343.1673	201.1795	196.4845	2.468264	57.25619
CANT-DM1-COMP	165.0755	909.3557	2.817414	14.6504	5.839553	0.13649	11.31895	0.018784	1.424545	0.125855	119.9676	1.693188	129.9128	13.80379	316.8496	256.0274	119.9676	1.693188	37.86264
CANT-DM1-COMP	363.6615	1101.88	2.347038	14.53129	8.464097	0.087503	12.04128	0.011299	1.44911	0.120345	72.43148	1.043737	85.17437	9.838014	459.8848	265.9267	72.43148	1.043737	15.74992
CANT-DM1-COMP	346.6344	19779.68	2.739517	13.3305	0.857993	1.823728	1.245315	0.176291	0.762465	0.612266	1046.678	7.366355	1054.026	8.166873	1070.174	19.77909	1070.174	19.77909	97.80442
CANT-DM1-COMP	353.578	1579.752	7.485949	16.00265	7.114222	0.099438	12.43038	0.013378	1.319744	0.106171	85.66551	1.123087	96.25698	11.41596	368.2664	279.4286	85.66551	1.123087	23.26183
CANT-DM1-COMP	92.19072	13685.76	2.917875	5.468478	0.79985	13.03217	1.081526	0.512654	0.703983	0.650916	2667.949	15.38033	2681.984	10.19937	2693.285	13.56364	2693.285	13.56364	99.05926
CANT-DM1-COMP	502.693	1612.514	2.17842	16.45564	5.901342	0.080581	8.844299	0.011166	1.296701	0.146614	71.58315	0.923085	78.69064	6.696885	301.2504	199.8383	71.58315	0.923085	23.76201
CANT-DM1-COMP	119.068	1245.116	2.598544	15.83968	3.789222	0.308809	10.76496	0.043045	1.362266	0.126546	271.6814	3.624119	273.2575	25.79584	287.7651	244.6916	271.6814	3.624119	94.41081
CANT-DM1-COMP	187.5715	1998.262	3.812444	15.76667	7.353422	0.245074	9.499899	0.031386	1.070258	0.11266	199.2164	2.099522	222.5665	18.98895	478.1648	209.0629	199.2164	2.099522	41.66271
CANT-DM1-COMP	254.0303	701.4081	2.701985	13.4436	11.59192	0.082015	20.29403	0.01102	1.184933	0.058388	70.65327	0.832622	80.03755	15.6204	370.9791	NA	70.65327	0.832622	19.04508
CANT-DM1-COMP	903.8734	4730.263	8.595676	17.87416	4.12427	0.124325	5.097205	0.016872	0.841771	0.165144	107.8584	0.900367	118.9855	5.723123	348.6154	113.7348	107.8584	0.900367	30.93909
CANT-DM1-COMP	396.1313	3405.062	3.437917	18.54045	3.723976	0.198454	8.073289	0.028725	1.015126	0.125739	182.562	1.827239	183.8169	13.57513	200.9672	186.1945	182.562	1.827239	90.84168
CANT-DM1-COMP	443.291	8441.257	2.104552	8.903292	0.70111	4.478435	1.627775	0.290512	0.708688	0.435372	1644.087	10.28432	1726.983	13.512	1829.733	26.56401	1829.733	26.56401	89.85394
CANT-DM1-COMP	177.9628	493.8827	4.299739	12.95477	15.15868	0.07241	51.55392	0.010997	2.686578	0.052112	70.50311	1.883801	70.98349	35.35921	88.25231	NA	70.50311	1.883801	79.88812
CANT-DM1-COMP	152.3535	1790.221	3.005788	17.43404	3.86286	0.347806	12.45859	0.050821	1.110945	0.089171	319.5599	3.463577	303.0699	32.65568	178.9582	NA	319.5599	3.463577	178.5668
CANT-DM1-COMP	625.4091	1900.543	2.402749	16.18221	7.039241	0.084216	10.47687	0.011235	0.942188	0.08993	72.02204	0.674806	82.10052	8.26319	387.1352	234.8723	72.02204	0.674806	18.60384
CANT-DM1-COMP	252.7062	1941.057	3.125507	17.08761	6.814183	0.206327	10.70745	0.029106	1.058806	0.098885	184.9519	1.930457	190.4659	18.59755	260.3945	245.339	184.9519	1.930457	71.0276
CANT-DM1-COMP	147.5786	443.8356	3.364089	8.261695	18.8413	0.133572	24.079	0.010724	2.695458	0.111942	68.76135	1.843584	127.3024	28.81717	1433.494	463.1932	68.76135	1.843584	4.796766
CANT-DM1-COMP	572.0939	1711.525	6.795966	17.766	5.749012	0.07582	14.1292	0.011435	0.896866	0.063476	73.29922	0.653673	74.20732	10.11126	104.5946	NA	73.29922	0.653673	70.07936
CANT-DM1-COMP	285.7635	4843.673	3.557341	17.54627	4.425628	0.218678	5.220802	0.029126	0.923709	0.176928	185.0749	1.685246	200.8091	9.512537	390.8076	115.3843	185.0749	1.685246	47.35704
CANT-DM1-COMP	366.6704	1306.709	3.040012	15.88271	4.460194	0.080094	7.45855	0.011099	1.933728	0.259263	71.15171	1.368316	78.23303	5.615982	301.292	164.4325	71.15171	1.368316	23.61553
CANT-DM1-COMP	1042.153	5406.678	3.269669	20.55713	1.86938	0.075615	4.217233	0.011832	0.989494	0.234631	75.82652	0.745904	74.01409	3.010308	16.87935	NA	75.82652	0.745904	449.2266
CANT-DM1-COMP	356.8785	7235.44	4.179174	17.96414	3.267493	0.232939	5.020075	0.031193	0.912882	0.181846	198.013	1.780145	212.622	9.630609	378.6637	111.0798	198.013	1.780145	52.29257
CANT-DM1-COMP	4233.629	20402.64	2.568784	20.74715	0.899331	0.099572	1.331264	0.015066	0.709349	0.532839	96.40009	0.678726	96.38137	1.224077	96.92563	26.65762	96.40009	0.678726	99.45779
CANT-DM1-COMP	326.8689	4650.799	3.724541	18.31815	2.881492	0.407394	4.503956	0.056892	0.723967	0.16074	356.6985	2.512235	346.9966	13.23876	283.5611	101.727	356.6985	2.512235	125.7925
CANT-DM1-COMP	234.4418	988.6945	3.711738	13.67473	11.06018	0.119694	20.33177	0.014747	1.829556	0.089985	94.36898	1.713957	114.795	22.07233	563.1436	445.2781	94.36898	1.713957	16.75754
CANT-DM1-COMP	308.5257	4050.434	3.855988	18.58328	3.668401	0.391392	5.151207	0.056275	0.784837	0.15236	352.9317	2.695479	335.3858	14.71404	216.4415	117.9519	352.9317	2.695479	163.061
CANT-DM1-COMP	262.3683	1113.21	3.010158	15.99375	5.764032	0.104015	27.29468	0.015227	1.217831	0.044618	97.41676	1.177452	100.4762	26.11719	174.6734	NA	97.41676	1.177452	55.77082
CANT-DM1-COMP	429.7319	1937.314	3.354389	14.81381	8.612835	0.093107	12.77713	0.011197	1.257124	0.098389	71.78217	0.897386	90.39376	11.05098	615.5058	275.5824	71.78217	0.897386	11.66231
CANT-DM1-COMP	73.12184	963.7206	3.149349	16.38791	7.89604	0.216459	32.51327	0.034186	2.276565	0.07002	216.6954	4.85122	198.9586	58.81045	NA	NA	216.6954	4.85122	
CANT-DM1-COMP	692.5893	5081.854	3.902824	19.31118	2.794582	0.204967	3.322179	0.030293	0.708252	0.213189	192.3825	1.342422	189.3208	5.738088	152.3098	76.05552	192.3825	1.342422	126.31
CANT-DM1-COMP	58.82965	705.3704	3.091763	12.82083	10.81424	0.381184	22.1723	0.047943	1.901472	0.085759	301.8825	5.607881	327.909	62.21094	517.9553	490.3845	301.8825	5.607881	58.28351
CANT-DM1-COMP	405.9319	1178.264	4.698412	17.6067	5.477857	0.068733	15.18371	0.011218	1.029426	0.067798	71.91366	0.736184	67.49594	9.915507	NA	NA	71.91366	0.736184	
CANT-DM1-COMP	922.8868	2192.863	1.712562	19.02642	3.338857	0.070396	9.324442	0.011089	0.948064	0.101675	71.0903	0.670279	69.0748	6.226723	0.877679	NA	71.0903	0.670279	8099.809
CANT-DM1-COMP	88.57488	294.0139	3.602051	12.84304	5.973769	0.291463	30.79702	0.079156	1.17605	0.038187	491.0845	5.560898	259.71	70.68713	NA	NA	491.0845	5.560898	
CANT-DM1-COMP	129.5856	1005.38	2.004736	14.66287	12.64828	0.227375	20.30814	0.030568	1.903064	0.093709	194.1041	3.638867	208.0294	38.21823	369.81	NA	194.1041	3.638867	52.48752
CANT-DM1-COMP	122.9986	1107.003	1.638038	13.5963	7.041371	0.264802	14.76286	0.031612	1.529899	0.103632	200.6289	3.022147	238.5296	31.39337	631.4675	317.8194	200.6289	3.022147	31.77185
CANT-DM1-COMP	257.1146	887.2817	2.684027	12.52135	12.43242	0.096712	17.3728	0.01098	2.214924	0.127494	70.39638	1.550743	93.73718	15.55691	738.6138	367.1556	70.39638	1.550743	9.530878
CANT-DM1-COMP	273.9268	5212.587	2.639158	17.29293	4.311004	0.424557	4.727487	0.055674	0.837723	0.177203	349.2655	2.848029	359.304	14.30688	425.5973	103.842	349.2655	2.848029	82.06478
CANT-DM1-COMP	72.54258	12176.63	1.085254	6.365207	0.824469	9.60931	1.190684	0.444318	0.756927	0.635708	2369.942	15.01081	2398.063	10.95086	2422.759	15.59223	2422.759	15.59223	97.81997
CANT-DM1-COMP	154.7845	674.4267	3.017948	11.61124	10.9327	0.107047	15.43645	0.011937	2.529605	0.163872	76.49824	1.923666	103.2609	15.15722	776.4379	321.9877	76.49824	1.923666	9.85246
CANT-DM1-COMP	292.1201	956.0952	2.499201	14.0223	7.599744	0.084587	11.27372	0.0109	1.885585	0.167255	69.88342	1.310594	82.44792	8.92782	464.5766	246.9205	69.88342	1.310594	15.04239
CANT-DM1-COMP	480.9018	2014.793	7.854658	15.18331	5.836685	0.096965	11.38938	0.011941	1.134787	0.099636	76.52064	0.863213	93.971	10.22274	564.1191	247.5731	76.52064	0.863213	13.56463
CANT-DM1-COMP	72.5186	414.0845	3.601051	5.075381	9.57671	0.251987	17.12053	0.010913	6.910841	0.403658	69.96631	4.809116	228.1888	35.00235	2533.27	264.5934	69.96631	4.809116	2.761897
CANT-DM1-COMP	143.0298	1539.211	3.149442	13.94736	7.42172	0.266948	11.57317	0.030943	1.414491	0.122222	196.4447	2.736781	240.251	24.7649	694.5969	245.5701	196.4447	2.736781	28.28182
CANT-DM1-COMP	183.0653	643.3382	4.634581	9.924174	13.98742	0.129312	21.76122	0.011875	2.036823	0.093599	76.09806	1.54087	123.4792	25.30624	1172.509	433.8159	76.09806	1.54087	6.490191
CANT-DM1-COMP	212.5521	942.7262	3.37507	12.15298	8.040011	0.108417	23.6437	0.011702	4.362024	0.18449	75.00076	3.252594	104.5165	23.48647	844.65	489.7147	75.00076	3.252594	8.879508
CANT-DM1-COMP	73.17148	6022.158	1.575143	9.220033	1.605012	4.491862	2.712961	0.30593	0.82863	0.305434	1720.65	12.51359	1729.469	22.53469	1740.939	47.35141	1740.939	47.35141	98.83459
CANT-DM1-COMP	181.7878	3783.419	3.209003	18.17469	4.280082	0.406086	5.059885	0.057425	0.920144	0.181851	359.9466	3.22126	346.0524	14.83909	254.789	114.4576	359.9466	3.22126	141.2724
CANT-DM1-COMP	561.856	1957.325	3.000462	17.54745	3.623459	0.111833	9.835752	0.016352	1.130735	0.114962	104.5582	1.17274	107.6405	10.04572	177.3886	NA	104.5582	1.17274	58.94301
CANT-DM1-COMP	446.855	8781.341	3.346566	18.41534	2.044435	0.413597	3.793884	0.056833	0.897003	0.236434	356.3372	3.109619	351.4622	11.27155	320.389	83.7697	356.3372	3.109619	111.2202
CANT-DM1-COMP	35.86758	630.6905	5.382689	12.47305	11.65613	0.535645	28.9125	0.067837	2.415827	0.083556	423.1127	9.893449	435.5488	102.7497	502.7904	NA	423.1127	9.893449	84.15291
CANT-DM1-COMP	142.5444	1332.16	3.245048	14.73067	5.974106	0.245768	9.209365	0.031171	2.192968	0.238124	197.8704	4.273315	223.1326	18.44996	499.6383	197.3527	197.8704	4.273315	39.60273
CANT-DM1-COMP	792.7013	2091.347	4.982121	17.43351	4.841668	0.105694	13.12904	0.015169	0.822595	0.062655	97.04928	0.792344	102.0184	12.74381	220.7333	NA	97.04928	0.792344	43.96676
CANT-DM1-COMP	432.6845	4196.575	2.63839	16.17461	3.828943	0.159191	5.699195	0.019703	0.907109	0.159164	125.7794	1.129897	149.995	7.947242	553.1606	122.8728	125.7794	1.129897	22.73831
CANT-DM1-COMP	153.8392	2390.524	2.503622	15.09871	5.395076	0.481865	9.10396	0.057727	0.912651	0.100248	361.7881	3.210917	399.3518	30.06797	623.8582	195.705	361.7881	3.210917	57.99204
CANT-DM1-COMP	68.02425	6441.261	3.548995	9.02468	1.424299	4.7857	2.095906	0.31712	0.706356	0.337017	1775.651	10.96328	1782.393	17.60495	1791.071	35.9435	1791.071	35.9435	99.13905
CANT-DM1-COMP	81.57072	9168.43	2.530985	5.485077	0.756677	11.09348	1.101842	0.441535	0.768791	0.697732	2357.509	15.17985	2531.011	10.26315	2673.909	13.06623	2673.909	13.06623	88.16713
CANT-DM1-COMP	1609.016	4782.74	2.450154	19.49319	2.311667	0.076028	2.756696	0.011359	0.737054	0.267369	72.81406	0.533659	74.40329	1.97773	126.816	62.52009	72.81406	0.533659	57.41708
CANT-DM1-COMP	304.1416	1118.451	6.415457	14.71827	7.786704	0.108449	10.76301	0.014255	1.785179	0.165862	91.24523	1.617417	104.5456	10.69276	420.3378	237.5531	91.24523	1.617417	21.70759
CANT-DM1-COMP	121.5034	318.1755	3.586796	9.499608	24.84777	0.088107	40.45526	0.010667	4.882047	0.120678	68.39899	3.321618	85.7381	33.27343	601.0994	NA	68.39899	3.321618	11.37898
CANT-DM1-COMP	466.7625	1330.233	6.998379	14.31855	8.806947	0.106112	10.24154	0.012993	0.982737	0.095956	83.21697	0.812548	102.4026	9.97642	576.5943	222.1055	83.21697	0.812548	14.4325
CANT-DM1-COMP	404.018	1215.536	2.858378	13.59355	7.340682	0.095354	10.6497	0.011158	1.72341	0.161827	71.52906	1.225925	92.4785	9.413769	674.378	225.2977	71.52906	1.225925	10.60667
CANT-DM1-COMP	329.7919	786.0963	2.884984	15.95289	8.778584	0.068074	15.83529	0.011203	1.120517	0.070761	71.8148	0.800231	66.86963	10.2482	NA	NA	71.8148	0.800231	
CANT-DM1-COMP	218.1129	699.1022	4.976622	17.51723	7.298924	0.054675	56.64184	0.011044	2.09395	0.036968	70.80427	1.474494	54.05161	29.82379	NA	NA	70.80427	1.474494	
CANT-DM1-COMP	812.9933	2921.541	3.327349	18.78773	4.58846	0.090912	10.82302	0.013589	0.79853	0.073781	87.01081	0.690139	88.35283	9.158464	125.7636	NA	87.01081	0.690139	69.186
CANT-DM1-COMP	528.2302	5609.237	1.707779	18.24199	1.719134	0.409977	2.86461	0.056549	0.623013	0.217486	354.6048	2.149572	348.8584	8.457708	311.7427	63.64493	354.6048	2.149572	113.7492
CANT-DM1-COMP	207.3221	1680.385	2.438177	16.16303	6.002358	0.227493	10.43708	0.030761	1.039081	0.099557	195.3068	1.998961	208.1269	19.64319	356.8389	235.0111	195.3068	1.998961	54.73247
CANT-DM1-COMP	215.6979	30643.46	2.178582	4.698975	0.545293	16.38727	0.857787	0.555485	0.656027	0.76479	2847.946	15.10244	2899.668	8.209067	2936.469	8.929963	2936.469	8.929963	96.98542
CANT-DM1-COMP	565.3488	2150.636	2.062474	16.90427	4.790799	0.080259	7.800628	0.011044	1.246406	0.159783	70.80158	0.877647	78.38841	5.884779	317.2358	175.304	70.80158	0.877647	22.31829
CANT-DM1-COMP	306.8122	2151.646	5.121077	17.28831	5.205517	0.218384	6.781263	0.030823	1.077153	0.158843	195.6949	2.076259	200.5642	12.34238	259.216	153.9517	195.6949	2.076259	75.49492
CANT-DM1-COMP	175.9991	1029.267	4.092908	11.08852	17.18806	0.117026	22.56886	0.011036	2.618602	0.116027	70.75211	1.842586	112.3727	24.01271	1119.713	452.6678	70.75211	1.842586	6.318769
CANT-DM1-COMP	133.4947	812.9112	5.242716	11.90517	14.85101	0.159165	17.05613	0.017289	1.969717	0.115484	110.4974	2.157939	149.9723	23.78444	831.5187	355.6073	110.4974	2.157939	13.28862
CANT-DM1-COMP	30.9019	3675.702	2.666531	5.523844	1.74395	12.25556	2.14018	0.496773	0.926633	0.43297	2599.914	19.82574	2624.174	20.09426	2643.648	32.02701	2643.648	32.02701	98.34567
CANT-DM1-COMP	89.80342	506.3636	3.639155	7.55405	24.45324	0.203361	26.64013	0.013905	4.052371	0.152115	89.0202	3.582636	187.9665	45.74381	1733.729	491.922	89.0202	3.582636	5.13461
CANT-DM1-COMP	403.1	1862.386	3.245265	15.11892	7.203158	0.121841	7.876005	0.015049	1.059927	0.134577	96.28728	1.012991	116.7399	8.685788	557.7027	170.4332	96.28728	1.012991	17.26498
CANT-DM1-COMP	228.368	1767.804	5.416461	16.35772	4.54095	0.220624	7.479482	0.030073	1.142033	0.152689	191.0047	2.149338	202.4287	13.72771	338.6308	167.6346	191.0047	2.149338	56.40499
CANT-DM1-COMP	109.8795	794.461	3.444894	13.04453	9.147131	0.245224	18.96516	0.030263	1.524611	0.08039	192.1932	2.886949	222.6893	37.94061	559.5301	415.4577	192.1932	2.886949	34.3904
CANT-DM1-COMP	286.4882	2314.565	0.978387	16.62184	4.69001	0.206576	9.602475	0.027642	0.916619	0.095457	175.7738	1.589409	190.675	16.69462	380.3669	215.3436	175.7738	1.589409	46.21165
CANT-DM1-COMP	907.0354	3281.082	1.986573	18.58357	3.786782	0.0763	6.245807	0.011145	0.959312	0.153593	71.45101	0.681654	74.6606	4.495872	179.6663	143.9802	71.45101	0.681654	39.76874
CANT-DM1-COMP	167.7057	1744.039	3.883022	15.94163	6.430962	0.249342	11.59615	0.033053	1.307858	0.112784	209.6274	2.697533	226.0413	23.50362	401.4296	258.8521	209.6274	2.697533	52.22023
CANT-DM1-COMP	349.5282	3556.596	4.659763	18.39347	2.876758	0.236589	8.422585	0.03393	0.699032	0.082995	215.0958	1.478779	215.6232	16.3637	222.4144	194.4079	215.0958	1.478779	96.70945
CANT-DM1-COMP	71.11814	5745.466	3.667661	8.78121	1.195073	5.128218	2.194953	0.331028	0.619028	0.282023	1843.362	9.924451	1840.792	18.65246	1838.66	38.13622	1838.66	38.13622	100.2558
CANT-DM1-COMP	196.3004	513.7275	3.865747	12.27103	12.94251	0.08109	54.30824	0.011011	2.894697	0.053301	70.59137	2.032259	79.1695	41.38501	347.3954	NA	70.59137	2.032259	20.32018
CANT-DM1-COMP	114.2348	2362.062	4.299679	16.6693	3.644973	0.403181	5.742924	0.053875	0.926922	0.161402	338.2672	3.05463	343.9523	16.7567	383.4988	127.4491	338.2672	3.05463	88.20555
CANT-DM1-COMP	248.0807	1154.919	2.631204	12.25667	10.00216	0.110098	13.99026	0.011447	4.896803	0.350015	73.37052	3.572441	106.055	14.08968	922.1834	270.4293	73.37052	3.572441	7.956174
CANT-DM1-COMP	357.0066	2755.93	2.785758	16.52474	5.968531	0.237821	11.08635	0.030966	0.776237	0.070017	196.5928	1.502991	216.6346	21.631	441.4026	246.6743	196.5928	1.502991	44.53821
CANT-DM1-COMP	546.2345	2272.863	5.403419	14.57788	14.35144	0.100432	17.29789	0.011616	0.912496	0.052752	74.45043	0.67545	97.17507	16.03127	699.199	370.4225	74.45043	0.67545	10.64796
CANT-DM1-COMP	1045.578	3465.839	2.195772	18.44629	2.80872	0.081182	8.802482	0.0117	0.893519	0.101508	74.98743	0.666145	79.25561	6.711233	210.9023	203.2686	74.98743	0.666145	35.55553
CANT-DM1-COMP	86.42118	12093.36	1.851054	7.898803	0.946581	6.442746	1.130233	0.369664	0.568747	0.503212	2027.818	9.895337	2038.117	9.934581	2049.311	17.25221	2049.311	17.25221	98.95121
CANT-DM1-COMP	81.27752	11904.84	1.070244	5.515703	0.68857	12.11669	1.06298	0.484002	0.771382	0.725679	2544.674	16.21815	2613.48	9.970767	2667.939	12.11385	2667.939	12.11385	95.37974
CANT-DM1-COMP	95.73335	2151.269	4.281029	13.87864	7.860618	0.527654	8.834946	0.058134	1.202736	0.136134	364.2697	4.259717	430.2517	30.9951	801.8249	183.6854	364.2697	4.259717	45.43008
CANT-DM1-COMP	99.92866	12529.8	1.880078	5.752777	0.639175	11.54571	0.976901	0.481328	0.717698	0.734668	2533.049	15.03318	2568.289	9.128879	2596.937	11.04909	2596.937	11.04909	97.53987
CANT-DM1-COMP	741.0753	1759.025	1.834962	15.40517	6.134751	0.087789	11.15403	0.011166	0.805051	0.072176	71.58271	0.573089	85.44184	9.140501	493.3348	245.9321	71.58271	0.573089	14.50997
CANT-DM1-COMP	310.9018	3260.538	4.749315	16.75924	4.900478	0.221169	9.325478	0.028858	0.944991	0.101334	183.3978	1.708672	202.8824	17.15106	436.7638	206.9236	183.3978	1.708672	41.99015
CANT-DM1-COMP	1218.957	6216.503	2.509254	20.21191	1.474117	0.166362	4.042663	0.025434	0.664923	0.164476	161.9086	1.063161	156.2569	5.854953	72.42567	NA	161.9086	1.063161	223.5515
CANT-DM1-COMP	103.6269	8484.339	1.512171	8.750271	0.901877	5.146084	1.655123	0.328842	0.65967	0.398563	1832.766	10.52348	1843.748	14.07234	1856.933	27.42856	1856.933	27.42856	98.69858
CANT-DM1-COMP	884.4292	3267.493	2.679412	18.23122	2.675718	0.109287	3.827512	0.01563	0.82395	0.21527	99.98106	0.817438	105.3132	3.8289	228.697	86.35157	99.98106	0.817438	43.7177
CANT-DM1-COMP	144.7879	377.7908	3.733313	11.33921	12.50678	0.073431	42.84682	0.010757	2.546887	0.059442	68.97362	1.747316	71.95004	29.76993	173.0184	NA	68.97362	1.747316	39.8649
CANT-DM1-COMP	340.8546	910.2428	2.247665	13.1007	13.21881	0.092236	22.90022	0.011016	2.891018	0.126244	70.62445	2.030622	89.58378	19.63839	630.5237	495.2356	70.62445	2.030622	11.20092
CANT-DM1-COMP	196.4615	1610.232	3.790216	17.01151	5.339712	0.211534	14.88554	0.030719	1.252385	0.084134	195.0494	2.406184	194.8388	26.39589	193.3233	NA	195.0494	2.406184	100.8928

CANT-DM1-COMP	340.3605	8203.392	2.460538	18.60277	2.462227	0.401949	3.383014	0.055769	0.743808	0.219865	349.8401	2.532791	343.0611	9.848872	298.3604	75.30647	349.8401	2.532791	117.2542
CANT-DM1-COMP	1232.064	5113.853	2.825614	19.25881	3.176172	0.100974	5.413387	0.014862	0.742054	0.137077	95.10168	0.700525	97.67484	5.041205	161.9601	125.4954	95.10168	0.700525	58.7192
CANT-DM1-COMP	61.70216	399.9082	1.998024	10.7705	29.05599	0.195912	43.64204	0.025037	2.665298	0.061072	159.4109	4.196673	181.6612	72.71739	482.882	NA	159.4109	4.196673	33.01239
CANT-DM1-COMP	381.5425	1356.256	6.109789	14.41348	9.400174	0.090611	13.41114	0.011132	1.620406	0.120825	71.36522	1.150029	88.07209	11.31419	569.3253	290.9011	71.36522	1.150029	12.53505
CANT-DM1-COMP	259.6561	5312.14	4.400653	18.29877	2.069458	0.407984	3.259907	0.056754	0.681212	0.208967	355.8517	2.358411	347.4227	9.59166	292.4184	72.80835	355.8517	2.358411	121.6926
CANT-DM1-COMP	97.65637	802.2775	4.210131	12.69876	9.502056	0.253629	22.04728	0.030108	2.175025	0.098653	191.2257	4.098125	229.5202	45.32144	643.5729	476.8688	191.2257	4.098125	29.71314
CANT-DM1-COMP	107.6382	1374.603	3.336517	15.70191	6.164538	0.377202	12.60846	0.051215	1.293399	0.102582	321.9768	4.062155	324.9774	35.0785	347.5326	284.6191	321.9768	4.062155	92.6465
CANT-DM1-COMP	608.9042	59227.55	8.190837	8.050161	0.580319	6.01352	0.839185	0.349307	0.604534	0.720383	1931.288	10.08872	1977.804	7.306139	2027.556	10.30553	2027.556	10.30553	95.25201
CANT-DM1-COMP	115.1594	9051.788	0.681062	10.68808	1.076172	3.313142	1.778343	0.259303	0.789095	0.443725	1486.273	10.4743	1484.151	13.87135	1481.929	30.20773	1481.929	30.20773	100.2931
CANT-DM1-COMP	84.99054	8663.975	2.481954	8.668398	1.256385	5.221557	1.892981	0.330124	0.676182	0.357205	1838.982	10.81851	1856.141	16.13294	1876.188	31.87291	1876.188	31.87291	98.01698
CANT-DM1-COMP	275.8091	3396.372	2.752363	18.72197	2.723059	0.374028	4.417552	0.054708	1.164827	0.263682	343.3638	3.894944	322.6348	12.21072	176.5748	99.44181	343.3638	3.894944	194.458
CANT-DM1-COMP	626.7611	6107.034	1.92184	18.6983	2.738789	0.18722	4.464259	0.026317	0.768231	0.172085	167.4586	1.269904	174.2546	7.148386	268.4873	100.9057	167.4586	1.269904	62.37116
CANT-DM1-COMP	81.1255	885.624	4.085663	13.88632	13.91682	0.253549	22.73114	0.032779	1.740701	0.076578	207.9198	3.561518	229.4551	46.71735	457.2615	NA	207.9198	3.561518	45.47066
CANT-DM1-COMP	230.1389	843.7488	2.871833	11.17241	13.36431	0.109854	17.10589	0.01087	2.265188	0.132421	69.69379	1.570192	105.8317	17.19359	1023.046	345.497	69.69379	1.570192	6.812381
CANT-DM1-COMP	205.8672	3021.714	2.706821	17.86682	3.803939	0.402129	5.003559	0.056322	0.865933	0.173063	353.2218	2.976377	343.1912	14.5719	276.8333	112.9194	353.2218	2.976377	127.5937
CANT-DM1-COMP	559.8529	2004.42	3.0744	16.4949	4.730625	0.096814	11.935	0.012978	1.217001	0.101969	83.12344	1.005119	93.83093	10.69726	376.3286	267.9607	83.12344	1.005119	22.088
CANT-DM1-COMP	217.053	652.0045	2.631578	13.42836	12.60771	0.078599	26.44217	0.010813	3.202574	0.121116	69.3286	2.208403	76.82658	19.56753	317.7688	NA	69.3286	2.208403	21.81731
CANT-DM1-COMP	253.0267	859.4006	2.551122	13.42933	14.37397	0.086248	17.18923	0.01072	1.235507	0.071877	68.73732	0.844743	84.00223	13.85906	543.9359	377.2547	68.73732	0.844743	12.63702
CANT-DM1-COMP	399.1404	994.8609	1.982788	14.23941	9.101944	0.086372	17.49415	0.011115	2.17001	0.124042	71.25538	1.537735	84.11854	14.12366	467.5475	387.033	71.25538	1.537735	15.24024
CANT-DM1-COMP	270.1473	1075.519	2.822947	14.74235	8.415021	0.083947	15.97644	0.011065	1.672956	0.104714	70.9385	1.180264	81.84909	12.56405	414.1319	357.1101	70.9385	1.180264	17.12945
CANT-DM1-COMP	233.8194	998.1561	2.403428	13.86185	12.07316	0.089187	19.59834	0.011089	2.327661	0.118768	71.0932	1.645717	86.74611	16.29624	543.1678	429.0657	71.0932	1.645717	13.08862
CANT-DM1-COMP	991.3841	2786.6	3.534489	18.17202	3.659986	0.077744	7.043595	0.011169	0.895137	0.127085	71.60144	0.637385	76.02154	5.159154	218.3163	161.8514	71.60144	0.637385	32.79711
CANT-DM1-COMP	196.532	706.5129	2.636326	11.2345	10.0954	0.104217	14.45734	0.010846	2.943874	0.203625	69.54148	2.036211	100.6616	13.85573	920.1314	292.3726	69.54148	2.036211	7.557778
CANT-DM1-COMP	273.265	844.1562	4.98719	11.48765	9.541391	0.108427	11.90236	0.011061	1.571016	0.131992	70.91176	1.10793	104.525	11.82255	961.0753	241.832	70.91176	1.10793	7.378376
CANT-DM1-COMP	113.6055	1237.693	5.287266	12.2626	10.48124	0.25626	17.08072	0.026175	2.038147	0.119324	166.5638	3.351331	231.6481	35.39261	958.4501	348.9891	166.5638	3.351331	17.37845
CANT-DM1-COMP	181.9591	319.0469	3.332302	12.35257	10.26217	0.048595	25.2801	0.010261	2.487368	0.098392	65.81036	1.628618	48.18097	11.89628	NA	NA	65.81036	1.628618	
CANT-DM1-COMP	212.3202	1001.983	2.76061	11.02023	13.71468	0.119257	20.45611	0.011148	2.214643	0.108263	71.46671	1.573991	114.398	22.13478	1137.191	408.71	71.46671	1.573991	6.284493
CANT-DM1-COMP	474.756	1229.762	1.975145	14.23572	8.26868	0.090112	12.17439	0.01104	1.012151	0.083138	70.77908	0.712473	87.60731	10.21884	575.3365	264.6441	70.77908	0.712473	12.30221
CANT-DM1-COMP	442.4981	923.7876	2.451003	13.30955	16.13443	0.091645	18.74228	0.011042	1.411231	0.075297	70.78834	0.993522	89.03492	15.9778	611.6034	407.0987	70.78834	0.993522	11.57422
CANT-DM1-COMP	169.0921	470.0069	3.647426	9.972284	14.79682	0.100995	25.31045	0.010362	2.605891	0.102957	66.45138	1.722756	97.6945	23.57886	949.4167	523.226	66.45138	1.722756	6.99918
CANT-DM1-COMP	331.7429	591.1236	4.026485	15.05057	6.713179	0.06269	16.85621	0.010867	2.153325	0.127747	69.67805	1.492316	61.73861	10.09706	NA	NA	69.67805	1.492316	
CANT-DM1-COMP	330.0665	621.6232	2.762886	13.43169	8.668298	0.07678	25.90595	0.010805	1.382986	0.053385	69.27936	0.952994	75.11348	18.75868	265.9618	NA	69.27936	0.952994	26.04861
CANT-DM1-COMP	126.5978	997.4974	2.388772	13.73693	6.350144	0.249804	10.36473	0.030675	1.562479	0.15075	194.7692	2.997716	226.4168	21.03815	570.3809	223.4698	194.7692	2.997716	34.14722
CANT-DM1-COMP	67.15986	598.3479	0.042834	13.94719	8.693795	0.321432	36.51817	0.048811	1.590716	0.04356	307.2193	4.772365	283.0033	90.43348	88.46909	NA	307.2193	4.772365	347.2617
CANT-DM1-COMP	328.9886	678.4126	3.770022	13.21959	8.417213	0.08325	32.47373	0.011008	1.362203	0.041948	70.57369	0.956113	81.19581	25.34588	407.0753	NA	70.57369	0.956113	17.33677
CANT-DM1-COMP	654.3433	1615.771	2.864335	15.41393	6.959888	0.085994	8.392661	0.011041	1.067756	0.127225	70.78267	0.751652	83.7652	6.748061	472.6452	184.4547	70.78267	0.751652	14.97586
CANT-DM1-COMP	173.4124	1192.599	1.573446	15.36776	6.300738	0.205921	20.20162	0.028025	1.08988	0.05395	178.1767	1.915322	190.1243	35.04054	342.182	NA	178.1767	1.915322	52.07074
CANT-DM1-COMP	332.8753	708.2007	2.313626	12.83448	13.89409	0.087614	33.74332	0.01098	1.296488	0.038422	70.39793	0.907735	85.27819	27.60724	525.7928	NA	70.39793	0.907735	13.38891
CANT-DM1-COMP	346.7858	305.3794	4.002402	14.73781	9.34868	0.025619	240.4083	0.010409	1.782902	0.007416	66.7531	1.184002	25.68506	61.048	NA	NA	66.7531	1.184002	
CANT-DM1-COMP	78.69432	407.5586	4.549887	11.3771	15.97963	0.235248	63.06891	0.032547	2.090538	0.033147	206.4673	4.247889	214.5221	122.5517	304.9021	NA	206.4673	4.247889	67.71592
CANT-DM1-COMP	36.94934	1506.621	1.937028	9.0942	2.214024	4.336475	6.791658	0.309359	0.82965	0.122157	1737.553	12.63624	1700.325	56.0957	1655.533	125.0243	1655.533	125.0243	104.9542
CANT-DM1-COMP	672.6807	1669.179	2.150826	17.03537	7.823948	0.078086	9.161217	0.011289	0.802229	0.087568	72.36398	0.577279	76.34399	6.737674	203.782	NA	72.36398	0.577279	35.51048
CANT-DM1-COMP	1088.605	3124.425	3.224871	19.99285	2.010254	0.086879	9.215231	0.013836	0.976965	0.106016	88.58409	0.859517	84.5915	7.479556	NA	NA	88.58409	0.859517	
CANT-DM1-COMP	45.76003	3655.261	4.090289	8.820115	2.445987	4.88222	2.845381	0.32103	0.78835	0.277063	1794.757	12.3501	1799.192	23.98431	1805.112	49.71782	1805.112	49.71782	99.42633
CANT-DM1-COMP	65.31546	447.306	2.290416	9.681127	13.41864	0.253568	24.53845	0.025643	2.654393	0.108173	163.2225	4.278178	229.4705	50.44068	978.788	504.2514	163.2225	4.278178	16.67598
CANT-DM1-COMP	130.4715	374.822	3.642781	10.18182	17.78745	0.083688	36.87048	0.010158	4.010316	0.108768	65.15	2.599562	81.60596	28.91897	595.6147	NA	65.15	2.599562	10.93828
CANT-DM1-COMP	359.5922	1273.175	6.878414	17.69797	5.07829	0.090547	13.44432	0.014588	1.357663	0.100984	93.36361	1.258429	88.0128	11.33487	NA	NA	93.36361	1.258429	
CANT-DM1-COMP	213.2167	421.804	3.232627	14.32116	12.31074	0.050551	59.69264	0.010659	2.780829	0.046586	68.34918	1.890633	50.07329	29.17305	NA	NA	68.34918	1.890633	
CANT-DM1-COMP	557.3992	372.4593	3.202404	17.7688	5.234044	0.029861	22.55033	0.014344	1.024098	0.045414	91.81329	0.933594	29.87598	6.639077	NA	NA	91.81329	0.933594	
CANT-DM1-COMP	235.0899	208.0454	3.818034	9.349988	11.99434	0.048844	36.3408	0.010118	2.232361	0.061428	64.89822	1.441494	48.42182	17.18553	NA	NA	64.89822	1.441494	
CANT-DM1-COMP	551.0627	1482.192	2.495652	14.83018	8.331797	0.089089	12.11022	0.011158	1.204174	0.099434	71.52799	0.85656	86.65482	10.0591	527.3447	264.987	71.52799	0.85656	13.5638
CANT-DM1-COMP	305.3081	932.4078	3.788872	14.21761	6.363299	0.083396	20.22546	0.01098	1.518241	0.075066	70.39888	1.06301	81.33236	15.80955	416.5615	NA	70.39888	1.06301	16.9
CANT-DM1-COMP	213.0607	490.0441	2.329761	12.73627	12.11343	0.074633	43.3417	0.011089	2.969262	0.068508	71.09183	2.099306	73.08649	30.57299	139.8472	NA	71.09183	2.099306	50.83537
CANT-DM1-COMP	388.006	1261.821	3.56589	16.23488	4.315375	0.104694	17.96356	0.015124	1.191515	0.06633	96.76324	1.144339	101.1004	17.28803	205.6237	NA	96.76324	1.144339	47.0584
CANT-DM1-COMP	367.258	848.1744	2.060048	13.80848	5.52758	0.085346	16.19646	0.011151	1.069093	0.066008	71.48674	0.760038	83.15827	12.93261	433.7247	362.0868	71.48674	0.760038	16.48205
CANT-DM1-COMP	343.4421	1569.727	2.83591	13.01188	12.56318	0.103998	14.34527	0.011078	1.65473	0.11535	71.01781	1.168704	100.4597	13.72208	872.1593	296.6027	71.01781	1.168704	8.142756
CANT-DM1-COMP	414.746	2581.903	2.957945	15.28494	7.575145	0.137865	10.44058	0.016623	1.184187	0.113422	106.2762	1.248192	131.1407	12.84523	609.9698	224.7814	106.2762	1.248192	17.42319
CANT-DM1-COMP	274.1833	769.8284	2.866381	12.16106	9.444216	0.097631	25.06499	0.011096	2.768483	0.110452	71.13598	1.958561	94.58686	22.64119	736.4102	535.1297	71.13598	1.958561	9.659832
CANT-DM1-COMP	212.8233	2130.303	3.559741	15.57013	8.596047	0.245592	13.09714	0.030813	1.043263	0.079656	195.6336	2.010316	222.9893	26.22658	523.3921	287.462	195.6336	2.010316	37.37803
CANT-DM1-COMP	186.3031	457.5065	3.797181	14.51302	9.245319	0.054277	24.91678	0.010784	2.410688	0.09675	69.14375	1.657933	53.66824	13.02586	NA	NA	69.14375	1.657933	
CANT-DM1-COMP	526.9042	5468.609	4.162171	18.77032	2.452737	0.208813	4.769361	0.029661	0.720989	0.151171	188.4278	1.338881	192.5564	8.365635	244.4778	108.6315	188.4278	1.338881	77.07359
CANT-DM1-COMP	94.02517	1358.375	2.588265	13.52868	8.068261	0.463845	12.38064	0.052667	1.794499	0.144944	330.8756	5.787756	386.9288	39.85418	738.402	260.1155	330.8756	5.787756	44.80968
CANT-DM1-COMP	489.3961	6400.948	1.871815	19.20299	3.003626	0.201929	5.176828	0.029117	0.81636	0.157695	185.0208	1.488965	186.7575	8.831312	209.7741	118.5579	185.0208	1.488965	88.20001
CANT-DM1-COMP	334.66	1165.525	2.326731	15.63645	8.449541	0.078379	18.47596	0.010969	1.872115	0.101327	70.32857	1.309476	76.62019	13.63621	278.592	NA	70.32857	1.309476	25.24429
CANT-DM1-COMP	461.3875	1356.295	2.238093	16.10586	9.630427	0.078027	11.17476	0.01094	0.812571	0.072715	70.13872	0.566838	76.28784	8.212786	274.4379	256.0414	70.13872	0.566838	25.55723
CANT-DM1-COMP	52.94617	3154.372	1.543845	13.07564	6.058086	1.835544	6.452108	0.1833	0.73823	0.114417	1084.979	7.371875	1058.266	42.43387	1004.438	130.2095	1004.438	130.2095	108.0185
CANT-DM1-COMP	357.6895	1237.923	2.306948	15.51044	5.974985	0.08067	10.26743	0.011016	1.827183	0.177959	70.62702	1.283441	78.7748	7.782514	334.5154	229.5236	70.62702	1.283441	21.11323
CANT-DM1-COMP	128.915	450.5805	3.344032	9.629628	21.27864	0.105796	29.54091	0.010547	3.275186	0.11087	67.63465	2.203581	102.1121	28.7053	1007.87	608.2966	67.63465	2.203581	6.710652
CANT-DM1-COMP	630.2189	2815.244	4.640046	16.3225	5.627073	0.089632	6.836153	0.011482	0.828454	0.121187	73.59805	0.606258	87.16056	5.709916	477.5132	150.1825	73.59805	0.606258	15.41278
CANT-DM1-COMP	95.17929	351.7586	3.228458	5.864444	23.74287	0.192533	27.24569	0.010393	4.259923	0.156352	66.65218	2.824704	178.7881	44.6933	2156.427	479.091	66.65218	2.824704	3.090862
CANT-DM1-COMP	395.9268	1846.369	2.988005	15.88891	6.474829	0.126129	7.6797	0.016468	0.981168	0.127761	105.2977	1.024754	120.6133	8.733961	435.2566	169.8327	105.2977	1.024754	24.19209
CANT-DM1-COMP	230.0638	25229.39	1.86107	8.416119	0.602809	5.672225	0.951594	0.34448	0.622403	0.654063	1908.185	10.28016	1927.15	8.214363	1948.371	12.8658	1948.371	12.8658	97.93744
CANT-DM1-COMP	228.0287	976.051	2.78606	12.72593	12.30335	0.096685	16.50095	0.010906	1.774015	0.10751	69.92182	1.23372	93.71171	14.77225	752.3877	348.5773	69.92182	1.23372	9.293323
CANT-DM1-COMP	200.5447	589.0254	2.614123	11.59957	11.17817	0.092599	33.08611	0.010831	2.851945	0.086198	69.44442	1.969887	89.92158	28.47967	675.3196	723.3875	69.44442	1.969887	10.28319
CANT-DM1-COMP	229.092	3062.955	1.8327	17.57627	4.250576	0.231242	6.425156	0.031968	0.972563	0.151368	202.8506	1.942133	211.2232	12.25342	306.6648	144.8231	202.8506	1.942133	66.14733
CANT-DM1-COMP	111.4327	918.8842	3.565705	14.12143	7.403936	0.234437	16.76596	0.030751	2.07869	0.123983	195.2485	3.997763	213.8546	32.34162	424.9941	373.4441	195.2485	3.997763	45.94145
CANT-DM1-COMP	226.3402	32825.46	1.461398	8.798143	0.629675	5.162918	0.90781	0.32857	0.64337	0.708706	1831.446	10.25705	1846.525	7.722218	1864.327	11.56067	1864.327	11.56067	98.23631
CANT-DM1-COMP	267.3701	2503.089	3.541444	17.81603	5.054363	0.209535	5.723094	0.030054	0.947271	0.165517	190.8839	1.78168	193.1623	10.0673	222.1213	130.6168	190.8839	1.78168	85.93678
CANT-DM1-COMP	56.45839	7315.627	1.75428	5.889771	0.804532	10.72373	1.132774	0.459904	0.729617	0.644097	2439.134	14.81687	2499.482	10.52128	2549.603	14.51381	2549.603	14.51381	95.66721
CANT-DM1-COMP	259.2255	1160.306	2.309155	14.00934	13.49101	0.089837	18.53587	0.011007	2.944911	0.158876	70.56534	2.066754	87.35138	15.51564	575.3187	400.9057	70.56534	2.066754	12.26543
CANT-DM1-COMP	170.9326	1069.293	2.950385	17.47914	4.920407	0.182067	25.30397	0.030275	1.17428	0.046407	192.2689	2.224438	169.838	39.59393	NA	NA	192.2689	2.224438	
CANT-DM1-COMP	198.7495	1248.936	2.391467	9.386693	12.59109	0.144908	14.43998	0.010956	1.80131	0.124745	70.246	1.258479	137.4061	18.55954	1547.053	270.6012	70.246	1.258479	4.540634
CANT-DM1-COMP	160.1655	1721.254	3.165057	16.35002	7.376054	0.21662	11.7717	0.029718	1.291648	0.109725	188.7857	2.403087	199.0929	21.28514	324.0186	266.5156	188.7857	2.403087	58.26383
CANT-DM1-COMP	175.3715	1270.289	2.3082	16.90394	3.590245	0.199544	6.092081	0.030311	1.5863	0.260387	192.4961	3.008425	184.7405	10.29043	87.73933	NA	192.4961	3.008425	219.3955
CANT-DM1-COMP	53.69799	4712.16	1.23137	8.88774	2.470687	4.84396	3.176552	0.319134	0.696975	0.219413	1785.498	10.86976	1792.566	26.74112	1801.577	56.38656	1801.577	56.38656	99.1075
CANT-DM1-COMP	119.7111	305.564	3.884328	9.862974	24.25606	0.078297	39.6137	0.010585	3.150327	0.079526	67.87536	2.127078	76.54242	29.21468	357.3006	NA	67.87536	2.127078	18.99671
CANT-DM1-COMP	128.0817	19317.32	1.031012	5.314502	0.638098	13.40446	0.936663	0.516704	0.65721	0.70165	2685.185	14.43323	2708.573	8.850679	2726.773	10.98997	2726.773	10.98997	98.47484
CANT-DM1-COMP	244.2882	571.8418	2.963296	12.46465	12.53474	0.08244	28.99408	0.010913	1.85363	0.063931	69.9709	1.289988	80.43643	22.42561	404.5011	NA	69.9709	1.289988	17.29807
CANT-DM1-COMP	117.7121	387.1845	3.586528	8.863251	14.79987	0.110416	42.28804	0.010499	3.861555	0.091316	67.33116	2.586499	106.3459	42.72186	1103.099	882.0208	67.33116	2.586499	6.103819
CANT-DM1-COMP	472.1675	925.6894	2.289586	15.01729	9.168973	0.076994	12.51577	0.010984	1.291347	0.103178	70.41871	0.904401	75.31505	9.085395	234.6468	NA	70.41871	0.904401	30.01051
CANT-DM1-COMP	131.1867	506.7848	3.337178	9.681244	12.44186	0.111684	18.76949	0.010746	3.564323	0.1899	68.90286	2.442843	107.505	19.14894	1079.499	372.819	68.90286	2.442843	6.382855
CANT-DM1-COMP	308.7693	906.1531	2.449328	12.37243	13.83297	0.099381	27.38766	0.01109	1.76272	0.064362	71.09792	1.246371	96.20524	25.14378	775.0134	585.2881	71.09792	1.246371	9.173766
CANT-DM1-COMP	281.9967	3600.886	1.981717	17.58193	3.570045	0.40551	4.769102	0.055634	0.834038	0.174884	349.0158	2.833526	345.6363	13.97209	323.9913	106.6741	349.0158	2.833526	107.7238
CANT-DM1-COMP	265.6679	4944.56	1.867588	18.13773	2.782624	0.383679	3.806916	0.053286	0.809631	0.212674	334.6645	2.640416	329.7416	10.71895	296.1415	84.92069	334.6645	2.640416	113.0083
CANT-DM1-COMP	407.4404	1537.507	3.798457	14.99272	9.893002	0.08686	14.27538	0.011	1.283683	0.089923	70.526	0.900396	84.57369	11.58459	502.7917	314.3395	70.526	0.900396	14.02688
CANT-DM1-COMP	515.8436	5238.479	4.255681	19.06751	2.80631	0.202848	3.130064	0.029633	0.680008	0.217251	188.2505	1.261609	187.533	5.359775	179.4979	71.2545	188.2505	1.261609	104.8762
CANT-DM1-COMP	791.8473	2734.273	4.601805	17.96453	3.460698	0.118355	7.971511	0.017067	0.698256	0.087594	109.0916	0.755329	113.5799	8.566214	209.7138	184.3084	109.0916	0.755329	52.01926
CANT-DM1-COMP	160.8692	483.9377	2.820058	10.1958	13.01093	0.099947	36.98839	0.0106	2.766172	0.074785	67.97188	1.870342	96.72786	34.13963	881.159	789.2716	67.97188	1.870342	7.713918
CANT-DM1-COMP	85.73626	12359.95	2.354606	5.464963	0.637542	12.66072	0.972497	0.504716	0.716385	0.736645	2634.034	15.49025	2654.744	9.151971	2671.272	10.88985	2671.272	10.88985	98.60598
CANT-DM1-COMP	414.2342	1998.82	2.340883	16.92434	6.131917	0.080361	8.019533	0.011263	1.112148	0.13868	72.19874	0.798477	78.48455	6.057062	275.2985	182.1832	72.19874	0.798477	26.22562
CANT-DM1-COMP	549.1686	1588.62	2.344786	15.61652	4.551634	0.083098	7.813122	0.010991	1.116078	0.142847	70.46306	0.78214	81.05332	6.086702	406.5158	173.2971	70.46306	0.78214	17.33341
CANT-DM1-COMP	297.7526	1267.243	1.862723	14.87564	6.178565	0.087757	11.23399	0.011426	1.600891	0.142504	73.23967	1.165852	85.41223	9.202971	441.5305	248.0282	73.23967	1.165852	16.58768
CANT-DM1-COMP	465.3004	1141.934	2.068824	16.97659	4.90153	0.069524	27.33378	0.010972	1.548337	0.056646	70.34312	1.083228	68.24798	18.04353	NA	NA	70.34312	1.083228	
CANT-DM1-COMP	364.4216	1414.513	2.361599	14.89718	7.611848	0.115891	11.15891	0.014783	1.132217	0.101463	94.59877	1.063243	111.3398	11.76789	487.0031	245.6827	94.59877	1.063243	19.42467

CANT-DM1-COMP	235.4941	898.7623	3.809562	11.04291	6.132822	0.110927	7.832431	0.010753	1.819952	0.232361	68.95063	1.248181	106.813	7.941215	1064.441	153.4042	68.95063	1.248181	6.477639
CANT-DM1-COMP	284.0207	25888.48	2.4138	6.751289	0.629469	8.579933	0.94771	0.420828	0.631834	0.666695	2264.238	12.06382	2294.431	8.618612	2322.162	12.11037	2322.162	12.11037	97.50558
CANT-DM1-COMP	234.6244	1223.531	2.849744	13.71608	6.919702	0.138106	11.97326	0.01638	1.1192	0.093475	104.7339	1.162711	131.3559	14.75381	645.5412	256.9778	104.7339	1.162711	16.2242
CANT-DM1-COMP	124.3161	1033.483	2.639835	12.38785	14.70823	0.282239	15.55545	0.030591	1.425156	0.091618	194.2484	2.727049	252.4322	34.78006	836.0064	324.5246	194.2484	2.727049	23.23527
CANT-DM1-COMP	345.6776	1581.426	2.482984	17.62793	4.027114	0.117337	8.408542	0.017881	1.103936	0.131287	114.2523	1.250161	112.6553	8.966318	80.047	NA	114.2523	1.250161	142.7316
CANT-DM1-COMP	280.5336	1042.656	4.450946	14.37019	12.95462	0.095235	15.20724	0.012378	2.57359	0.169235	79.30077	2.028375	92.36865	13.42753	445.5173	334.8189	79.30077	2.028375	17.79971
CANT-DM1-COMP	247.6732	3000.294	4.179984	16.54615	4.726508	0.23009	5.193983	0.029905	0.979401	0.188565	189.9527	1.833256	210.273	9.865179	445.472	113.4563	189.9527	1.833256	42.64077
CANT-DM1-COMP	254.2698	3871.665	3.221148	17.58442	4.926676	0.248785	7.152042	0.033848	0.789522	0.110391	214.5867	1.666321	225.5888	14.46858	342.9164	161.0597	214.5867	1.666321	62.57695
CANT-DM1-COMP	635.9943	10795.71	1.374221	18.14871	1.542534	0.414892	2.603314	0.055755	0.666286	0.255938	349.7579	2.268297	352.3922	7.751344	370.7432	56.67267	349.7579	2.268297	94.33967
CANT-DM1-COMP	140.5185	3536.257	1.132898	5.483455	0.722011	10.00607	1.232912	0.404241	0.821949	0.666673	2188.537	15.25326	2435.343	11.38182	2649.184	15.24505	2649.184	15.24505	82.61174
CANT-DM1-COMP	97.03285	341.1564	3.259953	8.116275	20.21624	0.124048	39.29109	0.010951	5.82331	0.148209	70.21173	4.066462	118.7353	44.05563	1250.029	791.2198	70.21173	4.066462	5.616809
CANT-DM1-COMP	121.6453	3024.031	1.564671	16.44844	5.663486	0.400868	7.639637	0.051718	1.322729	0.17314	325.0613	4.193073	342.2772	22.20116	461.8377	167.0141	325.0613	4.193073	70.38431
CANT-DM1-COMP	966.0247	4811.99	2.928288	19.00179	2.976937	0.104629	3.945821	0.015244	0.814414	0.206399	97.53057	0.788324	101.04	3.79493	185.6304	89.9369	97.53057	0.788324	52.54021
CANT-DM1-COMP	107.7663	2017.362	6.807374	16.58951	7.217022	0.425055	8.93916	0.057885	1.311987	0.146768	362.7504	4.62781	359.6595	27.07967	340.7759	200.5472	362.7504	4.62781	106.4484
CANT-DM1-COMP	421.5367	1506.091	1.64577	14.19059	9.8722	0.091365	17.905	0.010837	1.061656	0.059294	69.48238	0.733703	88.77453	15.22119	645.3969	386.8919	69.48238	0.733703	10.76584
CANT-DM1-COMP	54.02433	7242.147	2.272939	5.75164	0.790924	11.69457	1.379759	0.490086	0.634033	0.459525	2571.049	13.44287	2580.265	12.90692	2588.226	20.4505	2588.226	20.4505	99.33635
CANT-DM1-COMP	252.8713	3519.686	1.853798	17.97144	4.108097	0.391547	4.921747	0.054875	0.702388	0.142711	344.3821	2.355422	335.4992	14.06253	275.3439	111.6488	344.3821	2.355422	125.0735
CANT-DM1-COMP	360.2125	1389.236	1.834626	15.20737	9.122309	0.084694	13.70729	0.011063	1.068157	0.077926	70.92805	0.75347	82.54861	10.86786	434.2296	305.6169	70.92805	0.75347	16.33423
CANT-DM1-COMP	311.2619	969.6793	1.816486	13.75903	10.23835	0.09027	16.27944	0.011298	1.556603	0.095618	72.42211	1.121016	87.75482	13.6869	528.815	357.2127	72.42211	1.121016	13.69517
CANT-DM1-COMP	337.5569	1564.91	2.397743	12.71533	8.011067	0.146999	12.60032	0.01523	0.955913	0.075864	97.43653	0.924405	139.2591	16.3984	929.3902	258.9162	97.43653	0.924405	10.48392
CANT-DM1-COMP	47.11634	1615.679	1.24854	15.57697	6.913733	0.646886	11.03497	0.084245	1.247653	0.113064	521.4081	6.249231	506.5609	44.03904	441.0176	244.564	521.4081	6.249231	118.2284
CANT-DM1-COMP	336.7442	899.2423	1.8449	15.85262	6.176463	0.073219	34.29297	0.01128	1.640573	0.04784	72.31113	1.179688	71.74991	23.76029	54.10606	NA	72.31113	1.179688	133.647
CANT-DM1-COMP	141.1372	466.1061	3.223525	10.1319	18.87452	0.106446	37.31694	0.011276	2.412293	0.064643	72.28528	1.733993	102.7089	36.46876	883.534	797.122	72.28528	1.733993	8.181381
CANT-DM1-COMP	149.8869	604.9541	2.623508	10.36446	14.86443	0.114031	33.52931	0.011247	3.180441	0.094856	72.09823	2.280266	109.6459	34.86183	1029.546	693.9227	72.09823	2.280266	7.002914
CANT-DM1-COMP	240.5555	635.7133	3.20369	12.34544	16.14859	0.089122	40.71584	0.011003	2.200967	0.054057	70.54177	1.544137	86.68538	33.84259	558.6519	NA	70.54177	1.544137	12.62714
CANT-DM1-COMP	335.6314	982.2523	2.383885	13.99279	9.060366	0.089311	12.99656	0.011293	1.887731	0.145249	72.39356	1.358951	86.86114	10.81999	506.2136	283.8923	72.39356	1.358951	14.30099
CANT-DM1-COMP	41.02112	3160.824	1.118188	8.635444	1.820489	5.402237	2.526067	0.346696	0.828121	0.32783	1918.801	13.74333	1885.208	21.64624	1849.175	43.16291	1849.175	43.16291	103.7653
CANT-DM1-COMP	690.1377	2487.721	2.431784	16.02804	7.594174	0.089633	12.32188	0.011351	0.904042	0.073369	72.76031	0.654085	87.16151	10.29224	502.963	271.3804	72.76031	0.654085	14.46634
CANT-DM1-COMP	210.4345	841.7907	2.173739	13.29823	8.714559	0.092235	18.64436	0.011405	2.672105	0.14332	73.10387	1.942378	89.5829	15.9879	555.2458	405.6617	73.10387	1.942378	13.16604
CANT-DM1-COMP	173.243	4027.236	2.935013	16.89047	4.469615	0.433797	6.133042	0.055928	0.914135	0.149051	350.8118	3.121197	365.8693	18.84321	463.4208	134.4968	350.8118	3.121197	75.70047
CANT-DM1-COMP	307.5139	1339.511	2.252531	15.03918	8.967521	0.088022	11.02815	0.01137	1.832776	0.166191	72.88119	1.328227	85.65877	9.059326	459.1705	241.8001	72.88119	1.328227	15.87236
CANT-DM1-COMP	48.89207	5650.918	2.62333	8.901883	1.67652	5.141839	2.081936	0.335786	0.669404	0.321529	1866.365	10.84757	1843.046	17.69951	1817.592	35.7939	1817.592	35.7939	102.6834
CANT-DM1-COMP	130.1045	1842.596	1.496076	17.81978	3.998813	0.354734	7.233814	0.052914	0.985907	0.136291	332.3884	3.193988	308.2752	19.23524	130.6512	NA	332.3884	3.193988	254.409
CANT-DM1-COMP	926.9639	2750.192	3.138956	18.86817	1.739018	0.099635	6.953581	0.015018	0.686195	0.098682	96.09215	0.65449	96.43944	6.397464	106.0409	NA	96.09215	0.65449	90.618
CANT-DM1-COMP	538.8969	1838.381	4.539765	18.0099	3.341136	0.074063	16.11557	0.011196	0.852911	0.052925	71.77503	0.608781	72.54774	11.28405	99.1222	NA	71.77503	0.608781	72.41065
CANT-DM1-COMP	343.505	1287.485	2.287079	17.1562	9.371282	0.073277	23.0948	0.011222	1.078073	0.04668	71.94171	0.771273	71.8047	16.0117	68.28164	NA	71.94171	0.771273	105.3603
CANT-DM1-COMP	311.8164	994.7161	2.126396	14.22283	10.71799	0.089835	17.09052	0.011597	1.227974	0.071851	74.32634	0.907467	87.34973	14.30537	460.5979	380.3981	74.32634	0.907467	16.13693
CANT-DM1-COMP	375.296	29049.59	2.617989	9.472227	0.599097	4.21471	0.842956	0.287917	0.552411	0.655325	1631.109	7.960849	1676.888	6.917978	1735.439	11.67662	1735.439	11.67662	93.98826
CANT-DM1-COMP	166.3656	673.2968	2.94348	9.658424	26.14722	0.167948	34.17632	0.014601	1.931836	0.056526	93.44485	1.79218	157.6366	49.94093	1279.958	685.3008	93.44485	1.79218	7.30062
CANT-DM1-COMP	132.0425	753.5185	5.894143	13.73639	9.397862	0.149198	16.00264	0.020074	1.94794	0.121726	128.1208	2.471078	141.2032	21.09849	368.0806	359.8846	128.1208	2.471078	34.8078
CANT-DM1-COMP	227.8461	1073.932	3.220448	12.18005	14.58496	0.114981	16.08345	0.011995	3.546904	0.220531	76.86192	2.710031	110.5112	16.84247	915.2592	324.681	76.86192	2.710031	8.397831
CANT-DM1-COMP	212.3292	4485.31	2.12594	17.16182	3.520573	0.46903	4.171254	0.061342	0.876598	0.210152	383.7812	3.266033	390.5188	13.5236	431.5694	90.90347	383.7812	3.266033	88.92687
CANT-DM1-COMP	133.7601	462.9866	3.48682	8.272032	19.26071	0.130676	22.56572	0.010362	3.775403	0.167307	66.45627	2.496104	124.7051	26.48717	1457.032	428.4247	66.45627	2.496104	4.561072
CANT-DM1-COMP	1569.157	644.0372	3.324905	18.81224	2.803742	0.045834	43.03961	0.011136	0.803662	0.018673	71.38918	0.570562	45.50368	19.15453	NA	NA	71.38918	0.570562	
CANT-DM1-COMP	93.48983	8627.845	3.088386	8.103984	0.94378	6.077514	1.326608	0.359401	0.716914	0.540411	1979.334	12.21848	1987.026	11.56742	1995.799	19.83872	1995.799	19.83872	99.17501
CANT-DM1-COMP	440.7463	3414.51	2.736807	17.67792	3.688476	0.210227	4.818619	0.028979	0.720126	0.149447	184.1551	1.307386	193.7432	8.499323	313.1922	108.4541	184.1551	1.307386	58.79937
CANT-DM1-COMP	459.3497	1782.175	2.329988	17.07503	6.374807	0.077816	10.29596	0.011146	1.433479	0.139227	71.45211	1.018595	76.08924	7.547925	225.2829	NA	71.45211	1.018595	31.71662
CANT-DM1-COMP	282.6857	1219.424	2.630465	14.43586	8.543045	0.088129	12.52748	0.011102	1.784421	0.142441	71.17406	1.263059	85.75904	10.30261	514.464	273.3001	71.17406	1.263059	13.8346
CANT-DM1-COMP	208.7425	611.2625	3.930204	13.58989	8.86716	0.076254	20.29046	0.011118	2.591973	0.127743	71.27325	1.837209	74.61691	14.5982	184.0893	NA	71.27325	1.837209	38.71666
CANT-DM1-COMP	133.6102	14936.53	1.895374	8.51949	0.668932	5.185532	0.924929	0.321235	0.581991	0.629228	1795.757	9.121741	1850.244	7.873419	1912.829	12.90295	1912.829	12.90295	93.87965
CANT-DM1-COMP	287.0489	1913.876	1.35201	14.34435	7.617572	0.143748	9.931868	0.01669	1.374677	0.138411	106.7053	1.45478	136.3763	12.67517	690.973	210.2321	106.7053	1.45478	15.44276
CANT-DM1-COMP	309.3203	972.5555	2.225718	11.99632	4.792042	0.105042	11.29798	0.011052	1.72418	0.15261	70.85279	1.214941	101.4198	10.90514	897.6465	231.0423	70.85279	1.214941	7.893173
CANT-DM1-COMP	258.6621	827.3116	2.396629	13.26735	7.85883	0.088854	22.77172	0.011119	1.475011	0.064774	71.28027	1.0456	86.43545	18.87052	529.1936	503.8476	71.28027	1.0456	13.4696
CANT-DM1-COMP	126.8351	1318.717	2.958194	16.24531	6.852252	0.213188	21.16262	0.030517	1.163788	0.054993	193.7825	2.221659	196.2245	37.77761	226.7079	NA	193.7825	2.221659	85.47674
CANT-DM1-COMP	345.3047	1011.699	2.471881	11.10732	15.12882	0.116471	16.76616	0.011066	1.116756	0.066608	70.94251	0.787911	111.8673	17.76139	1104.783	336.7027	70.94251	0.787911	6.421396
CANT-DM1-COMP	357.0179	4103.617	1.568639	17.79822	3.240768	0.398428	6.594212	0.054645	0.608996	0.092353	342.9784	2.034134	340.5073	19.07891	324.6388	149.2361	342.9784	2.034134	105.6492
CANT-DM1-COMP	170.6501	19240.28	2.349711	8.158288	0.653504	6.052268	0.926035	0.35837	0.587862	0.634816	1974.441	9.997863	1983.398	8.069668	1993.507	12.71938	1993.507	12.71938	99.0436
CANT-DM1-COMP	199.6452	683.2331	2.344359	13.28006	13.46399	0.081303	32.30233	0.010893	2.711442	0.08394	69.84329	1.883539	79.36931	24.66656	377.453	NA	69.84329	1.883539	18.50384
CANT-DM1-COMP	729.9211	2766.187	1.831013	17.78041	5.26563	0.078567	5.87872	0.01115	0.940528	0.159989	71.47737	0.668552	76.79693	4.348197	246.6343	133.6964	71.47737	0.668552	28.98111
CANT-DM1-COMP	192.2568	1859.663	2.881321	17.44317	5.259002	0.205578	8.637797	0.030034	0.877112	0.101543	190.7636	1.648696	189.8352	14.95705	179.2959	NA	190.7636	1.648696	106.396
CANT-DM1-COMP	300.4819	626.8746	4.239567	13.24618	6.002932	0.07858	28.99598	0.010895	1.87798	0.064767	69.85205	1.304726	76.80941	21.4533	300.0192	NA	69.85205	1.304726	23.28253
CANT-DM1-COMP	240.6229	2037.612	2.305546	17.32762	3.501343	0.380371	5.168192	0.054369	0.769121	0.148818	341.2904	2.556662	327.3108	14.46136	230.0318	118.0813	341.2904	2.556662	148.3666
CANT-DM1-COMP	118.4821	868.1233	3.453751	13.10226	9.926892	0.254223	15.91246	0.030799	1.28402	0.080693	195.5445	2.473131	230.0006	32.76104	599.6923	345.4096	195.5445	2.473131	32.60746
CANT-DM1-COMP	512.0857	1533.391	3.468175	19.07065	5.327409	0.066245	19.5575	0.011207	1.547955	0.079149	71.84443	1.105945	65.12969	12.33842	NA	NA	71.84443	1.105945	
CANT-DM1-COMP	66.97359	3639.408	3.936454	12.88283	2.036654	1.943949	3.893799	0.1904	0.687496	0.176562	1123.54	7.088622	1096.362	26.11282	1043.653	77.35951	1043.653	77.35951	107.6546
CANT-DM1-COMP	262.4971	8574.621	1.739845	16.12952	1.798969	0.897903	2.02297	0.107493	0.670474	0.33143	658.171	4.195064	650.6064	9.71825	625.3692	41.17179	658.171	4.195064	105.2452
CANT-DM1-COMP	291.7124	1128.125	2.541874	12.92523	7.583159	0.098494	10.01722	0.011015	2.303019	0.229906	70.6175	1.617459	95.38497	9.120107	770.4775	205.7081	70.6175	1.617459	9.165421
CANT-DM1-COMP	75.26543	3801.785	1.132417	12.97386	3.745059	1.815923	4.246401	0.178783	0.732436	0.172484	1060.321	7.161101	1051.216	27.81226	1033.209	84.56479	1033.209	84.56479	102.6241
CANT-DM1-COMP	270.5124	4531.69	0.858878	17.72447	3.576843	0.417633	3.974056	0.056603	0.685066	0.172385	354.9354	2.365815	354.3572	11.88817	351.5774	88.46922	354.9354	2.365815	100.9551
CANT-DM1-COMP	286.0066	1407.887	3.149429	12.47113	15.35453	0.102953	19.25058	0.01062	2.522675	0.131044	68.09833	1.708857	99.4988	18.24751	938.3285	394.6632	68.09833	1.708857	7.257408
CANT-DM1-COMP	171.1191	13507.14	2.161162	8.463306	0.742883	5.555072	1.104074	0.342324	0.73752	0.667999	1897.841	12.12476	1909.163	9.500642	1922.253	14.72855	1922.253	14.72855	98.73007
CANT-DM1-COMP	422.1724	2409.834	3.171887	17.37213	6.636966	0.114473	8.053271	0.016058	1.113604	0.13828	102.6953	1.134557	110.0489	8.399351	273.2187	183.0117	102.6953	1.134557	37.58721
CANT-DM1-COMP	37.0408	4406.967	1.332034	8.39664	1.408595	5.426116	1.888227	0.337595	0.923838	0.489262	1875.087	15.03093	1888.988	16.19054	1905.069	29.58313	1905.069	29.58313	98.42622
CANT-DM1-COMP	159.6923	1488.65	2.413048	15.99957	6.2415	0.235612	13.35842	0.032168	1.263541	0.094588	204.1035	2.538533	214.8207	25.86985	334.9751	302.6011	204.1035	2.538533	60.93094
CANT-DM1-COMP	1061.96	4100.87	2.231257	18.08913	3.812334	0.080673	5.711556	0.011211	0.895624	0.156809	71.86703	0.640084	78.77733	4.329324	294.738	128.8588	71.86703	0.640084	24.38336
CANT-DM1-COMP	553.6802	1829.707	2.479521	18.24973	4.43519	0.072195	9.315791	0.011103	1.162424	0.12478	71.17742	0.822832	70.77992	6.369225	58.43068	NA	71.17742	0.822832	121.8152
CANT-DM1-COMP	358.6618	1971.971	2.485997	16.18449	6.716315	0.084694	10.62547	0.011193	1.421913	0.133821	71.75165	1.014589	82.54835	8.424274	408.3068	236.1858	71.75165	1.014589	17.57298
CANT-DM1-COMP	167.585	678.2593	2.321731	10.5093	10.75359	0.111088	15.74022	0.010768	3.198695	0.203218	69.04654	2.196802	106.9597	15.98061	1064.539	311.7301	69.04654	2.196802	6.486052
CANT-DM1-COMP	1183.932	5096.971	2.993612	18.50476	2.797131	0.106196	3.544443	0.014889	0.737126	0.207967	95.27202	0.69711	102.4799	3.455068	274.495	79.45122	95.27202	0.69711	34.7081
CANT-DM1-COMP	68.95274	6969.26	2.046548	8.659672	1.605226	5.071681	2.390075	0.320021	0.792854	0.331728	1789.83	12.39108	1831.381	20.27412	1879.719	40.63135	1879.719	40.63135	95.21795
CANT-DM1-COMP	223.7555	682.3086	2.441491	13.75446	10.24699	0.079899	18.12146	0.011188	2.381028	0.131393	71.72216	1.69826	78.05003	13.61468	277.3856	NA	71.72216	1.69826	25.85649
CANT-DM1-COMP	112.8582	1117.126	2.772336	14.84456	6.162895	0.237575	12.93586	0.031358	1.817675	0.140514	199.0396	3.562612	216.4325	25.21988	411.0791	287.4693	199.0396	3.562612	48.41882
CANT-DM1-COMP	412.9246	1550.238	2.386501	15.46917	7.682481	0.085013	15.05523	0.011031	1.272023	0.08449	70.7226	0.894691	82.84684	11.97806	449.0699	334.9313	70.7226	0.894691	15.74868
CANT-DM1-COMP	141.3388	1354.155	3.995195	12.03137	1.877164	1.936669	9.474813	0.191109	0.881197	0.093004	1127.377	9.114238	1093.848	63.52828	1028.57	191.1493	1028.57	191.1493	109.6062
CANT-DM1-COMP	316.1854	1225.504	2.519714	13.51227	11.22813	0.096357	13.11931	0.01103	0.960497	0.073212	70.71272	0.675482	93.4081	11.70824	721.2582	278.7465	70.71272	0.675482	9.804079
CANT-DM1-COMP	312.3778	1233.519	2.036203	14.41217	7.910463	0.089116	20.59159	0.011081	1.222639	0.059376	71.04226	0.863822	86.67943	17.10968	542.9488	453.6994	71.04226	0.863822	13.08452
CANT-DM1-COMP	425.3811	1663.64	2.329798	14.26244	10.39846	0.093384	15.75148	0.010888	1.244068	0.078981	69.81164	0.863819	90.65085	13.66084	681.9887	337.2795	69.81164	0.863819	10.23648
CANT-DM1-COMP	385.0836	1187.312	4.135533	14.10179	8.61849	0.089816	15.41055	0.010962	1.596387	0.103591	70.28066	1.115858	87.33154	12.89645	583.5949	334.5588	70.28066	1.115858	12.04271
CANT-DM1-COMP	983.8569	2326.107	5.046427	18.86354	1.931166	0.103266	10.32066	0.015843	0.838809	0.081275	101.3283	0.843305	99.78685	9.809096	64.14716	NA	101.3283	0.843305	157.9623
CANT-DM1-COMP	595.2663	2816.082	2.641099	15.14465	9.032479	0.094776	11.55929	0.011082	1.111756	0.096179	71.04331	0.785492	91.94227	10.16124	676.0499	246.7471	71.04331	0.785492	10.50859
CANT-DM1-COMP	316.3561	814.6163	2.470167	14.86443	10.34072	0.074213	36.51807	0.01079	1.726917	0.047289	69.18526	1.188383	72.6892	25.62226	190.5581	NA	69.18526	1.188383	36.30666
CANT-DM1-COMP	436.8628	1402.531	2.076246	14.81211	8.377819	0.087217	13.43091	0.010921	1.21902	0.090762	70.02209	0.848964	84.9073	10.94047	527.6719	294.3298	70.02209	0.848964	13.27
CANT-DM1-COMP	201.7021	621.0989	3.3249	12.25336	16.10099	0.08865	24.42398	0.010941	2.130823	0.087243	70.1459	1.486582	86.24546	20.19744	559.3899	537.6807	70.1459	1.486582	12.53971
CANT-DM1-COMP	459.7435	1281.499	4.405705	16.54719	5.505673	0.075575	18.06889	0.011046	1.141518	0.063176	70.81479	0.80394	73.97645	12.89211	178.377	NA	70.81479	0.80394	39.6995
CANT-DM1-COMP	210.8943	951.0605	2.417908	15.1671	11.15645	0.116115	23.97193	0.016453	1.701137	0.070964	105.1988	1.775053	111.5435	25.32802	250.161	NA	105.1988	1.775053	42.05244
CANT-DM1-COMP	593.0159	917.6579	1.650003	18.20981	3.703717	0.0604	11.95176	0.011177	1.088837	0.091103	71.654	0.775875	59.54795	6.912462	NA	NA	71.654	0.775875	
CANT-DM1-COMP	670.1466	1870.714	1.385531	18.27883	3.712009	0.073016	6.886807	0.011156	0.864044	0.125464	71.51713	0.614525	71.55747	4.758421	73.95333	NA	71.51713	0.614525	96.70577
CANT-DM1-COMP	349.4444	836.2691	1.85765	14.07634	12.27206	0.082349	27.28136	0.011044	1.705659	0.062521	70.80291	1.201048	80.35061	21.07887	375.3315	NA	70.80291	1.201048	18.8641
CANT-DM1-COMP	259.8762	750.6352	3.339654	13.77801	10.61255	0.082011	18.33095	0.01112	1.866409	0.101817	71.28604	1.32316	80.03345	14.10851	350.6772	NA	71.28604	1.32316	20.32811
CANT-DM1-COMP	209.2208	1881.607	1.911333	15.93352	5.555591	0.225966	11.21906	0.029552	1.264042	0.112669	187.7408	2.338899	206.8628	20.99967	431.6674	249.0743	187.7408	2.338899	43.492
CANT-DM1-COMP	210.9346	2751.669	2.51941	16.35809	5.240719	0.433137	5.800492	0.055795	0.678639	0.116997	350.0005	2.311911	365.4012	17.80232	465.3146	127.7089	350.0005	2.311911	75.21804
CANT-DM1-COMP	361.947	1144.085	2.463806	14.31748	9.236641	0.088757	21.02812	0.011181	1.634543	0.077731	71.67843	1.165125	86.34517	17.4079	514.4724	465.1507	71.67843	1.165125	13.93241
CANT-DM1-COMP	181.5396	732.7857	4.34208	10.37075	19.97073	0.119762	21.01185	0.011227	2.658018	0.126501	71.97224	1.902396	114.8558	22.82229	1131.478	419.4715	71.97224	1.902396	6.360904
CANT-DM1-COMP	74.93477	648.7242	2.228976	12.97131	9.882606	0.254764	18.69291	0.033633	2.013557	0.107718	213.2484	4.223633	230.4386	38.55595	410.618	418.8694	213.2484	4.223633	51.93352

CANT-DM1-COMP	205.4	1542.708	2.725499	16.32481	5.542457	0.218295	10.59366	0.030391	0.912072	0.086096	192.9924	1.734141	200.4898	19.27611	290.5926	241.7042	192.9924	1.734141	66.41337
CANT-DM1-COMP	209.5967	17232.64	2.737461	8.286898	0.664723	5.467762	0.94987	0.328561	0.63358	0.667017	1831.401	10.10076	1895.548	8.153783	1967.296	12.61894	1967.296	12.61894	93.09227
CANT-DM1-COMP	26.84334	2517.303	1.34403	6.532857	2.246832	8.877486	3.781375	0.432163	0.793819	0.209929	2315.461	15.44172	2325.489	34.52157	2335.036	63.31546	2335.036	63.31546	99.16169
CANT-DM1-COMP	209.275	1747.797	3.321054	15.65039	8.718277	0.237603	11.57886	0.030818	1.245064	0.107529	195.6684	2.399596	216.456	22.57555	450.0051	256.4406	195.6684	2.399596	43.48138
CANT-DM1-COMP	448.3351	1112.417	1.85388	15.52693	4.761836	0.079018	16.84554	0.011114	1.121177	0.066556	71.25323	0.794476	77.22148	12.52666	267.0622	NA	71.25323	0.794476	26.68039
CANT-DM1-COMP	32.04435	320.5475	5.332945	6.006623	16.45254	0.611154	17.9569	0.035185	2.657679	0.148003	222.9174	5.823168	484.2873	69.27041	2043.328	316.5601	222.9174	5.823168	10.90952
CANT-DM1-COMP	166.909	419.7754	3.328533	7.814784	19.21812	0.148485	29.10847	0.011256	3.594512	0.123487	72.15329	2.579098	140.5731	38.23059	1542.249	555.0331	72.15329	2.579098	4.678447
CANT-DM1-COMP	274.9748	993.8422	3.258113	13.23999	6.753875	0.094123	17.05068	0.011113	1.551733	0.091007	71.24531	1.09945	91.33702	14.89474	655.1111	366.6722	71.24531	1.09945	10.8753
CANT-DM1-COMP	109.302	760.4126	2.965781	12.2556	7.076778	0.273933	9.559226	0.031491	1.890395	0.197756	199.8727	3.72041	245.8332	20.87428	712.1798	199.5683	199.8727	3.72041	28.06492
CANT-DM1-COMP	214.0276	787.3287	3.567022	13.62364	9.371137	0.085876	19.05662	0.011279	2.883092	0.151291	72.30497	2.072972	83.65442	15.30384	422.0212	423.8165	72.30497	2.072972	17.13302
CANT-DM1-COMP	81.09069	5451.193	2.156578	8.062459	0.905971	5.807156	1.40587	0.343621	0.847024	0.602491	1904.067	13.96425	1947.479	12.1785	1994.721	19.94524	1994.721	19.94524	95.45532
CANT-DM1-COMP	554.389	11332.1	2.123796	8.90979	0.608705	4.950061	0.986343	0.320715	0.752455	0.762873	1793.221	11.77902	1810.836	8.332148	1831.941	11.55825	1831.941	11.55825	97.88638
CANT-DM1-COMP	207.4836	1622.163	2.010563	14.74454	7.496118	0.240983	8.15504	0.029454	1.153293	0.141421	187.1326	2.127163	219.2248	16.08098	580.463	175.622	187.1326	2.127163	32.23851
CANT-DM1-COMP	330.2914	954.6883	2.454032	14.43343	10.92933	0.082182	21.96653	0.010961	1.246448	0.056743	70.27211	0.871149	80.19463	16.93986	387.7954	NA	70.27211	0.871149	18.12092
CANT-DM1-COMP	412.9435	1036.852	2.173659	14.16693	10.45861	0.086306	18.00108	0.010984	1.40003	0.077775	70.41863	0.980517	84.0561	14.52264	492.1055	398.626	70.41863	0.980517	14.30966
CANT-DM1-COMP	825.8969	2819.007	1.551433	17.67668	4.887159	0.080233	10.88365	0.011245	0.799912	0.073497	72.08402	0.573397	78.3637	8.2082	275.2937	249.291	72.08402	0.573397	26.18441
CANT-DM1-COMP	128.5187	504.592	3.21213	9.068943	23.23858	0.120249	26.4346	0.010518	3.16714	0.11981	67.45223	2.125169	115.2975	28.81942	1268.056	521.309	67.45223	2.125169	5.31934
CANT-DM1-COMP	276.8997	875.8319	3.32611	14.74552	8.690665	0.078689	16.71671	0.011099	1.953568	0.116863	71.15292	1.382378	76.91195	12.38289	260.7724	NA	71.15292	1.382378	27.28545
CANT-DM1-COMP	291.692	949.2683	2.292537	14.06985	11.1475	0.084832	28.63796	0.010967	1.771917	0.061873	70.31109	1.239085	82.67758	22.74266	457.4105	NA	70.31109	1.239085	15.37155
CANT-DM1-COMP	143.9069	414.4427	4.840519	13.38675	9.234397	0.059733	31.32855	0.011106	4.892508	0.156168	71.1981	3.464208	58.90914	17.93209	NA	NA	71.1981	3.464208	
CANT-DM1-COMP	91.81477	456.7157	1.627377	9.591352	22.61715	0.258171	32.25107	0.025396	2.57523	0.079849	161.6677	4.111545	233.1916	67.29402	1034.942	666.3992	161.6677	4.111545	15.62094
CANT-DM1-COMP	168.9641	511.753	2.437584	11.29887	14.42335	0.087091	20.17243	0.010404	3.629938	0.179946	66.72331	2.409524	84.78992	16.41094	629.9068	431.3613	66.72331	2.409524	10.59257
CANT-DM1-COMP	219.2135	845.9059	2.606308	12.94238	15.90108	0.09195	21.74647	0.010989	2.701198	0.124213	70.45211	1.892689	89.31786	18.59578	629.0842	469.9326	70.45211	1.892689	11.19915
CANT-DM1-COMP	274.1398	1843.122	3.040426	18.03805	2.29416	0.185368	7.522257	0.028061	1.269814	0.168808	178.4036	2.234334	172.6696	11.94485	95.83243	NA	178.4036	2.234334	186.1621
CANT-DM1-COMP	482.3058	1441.017	2.452849	17.5104	6.179472	0.072175	8.771916	0.011068	1.29469	0.147595	70.96008	0.913675	70.76167	5.995875	65.07492	NA	70.96008	0.913675	109.0437
CANT-DM1-COMP	440.9678	1283.111	1.942104	17.31611	5.612352	0.07062	17.65356	0.011002	1.146798	0.064961	70.53903	0.804531	69.28717	11.82419	27.34812	NA	70.53903	0.804531	257.9301
CANT-DM1-COMP	177.6208	652.6503	4.064552	12.42586	9.564756	0.123353	18.90504	0.015257	1.816927	0.096108	97.61042	1.760151	118.107	21.08154	554.6042	413.8812	97.61042	1.760151	17.60002
CANT-DM1-COMP	549.045	1619.964	2.218359	18.12662	4.470822	0.072022	7.947981	0.011219	2.576602	0.324183	71.91931	1.842776	70.61622	5.421895	27.77077	NA	71.91931	1.842776	258.9749
CANT-DM1-COMP	342.872	1488.997	2.580878	18.31773	3.241507	0.175023	11.59803	0.028132	0.913934	0.078801	178.8448	1.612058	163.7691	17.54313	NA	NA	178.8448	1.612058	
CANT-DM1-COMP	533.6656	2081.854	2.745266	18.07465	3.315059	0.101405	11.87933	0.015086	1.125378	0.094734	96.52584	1.078188	98.07202	11.1058	136.8278	NA	96.52584	1.078188	70.54551
CANT-DM1-COMP	46.10494	1260.451	3.417871	13.70342	8.483379	0.438669	10.46095	0.051187	2.99602	0.2864	321.8036	9.404616	369.3138	32.39849	680.3656	214.6073	321.8036	9.404616	47.29863
CANT-DM1-COMP	187.1055	604.5139	1.995592	11.68714	10.53334	0.098811	21.19443	0.011515	4.580997	0.216142	73.80425	3.361691	95.67778	19.35462	683.1797	446.2973	73.80425	3.361691	10.80305
CANT-DM1-COMP	188.6925	1122.563	3.41392	13.953	8.449393	0.131987	14.17558	0.016132	1.396522	0.098516	103.164	1.429241	125.8812	16.78413	580.4759	307.7887	103.164	1.429241	17.77231
CANT-DM1-COMP	98.07088	429.2226	2.030161	7.007142	14.92623	0.203993	16.88366	0.013178	4.525521	0.268042	84.3944	3.794395	188.4989	29.05397	1837.289	296.6282	84.3944	3.794395	4.59342
CANT-DM1-COMP	207.3514	781.4889	3.40488	10.6385	9.628214	0.115958	10.85514	0.010964	1.988866	0.183219	70.29614	1.390501	111.4006	11.45342	1114.34	213.613	70.29614	1.390501	6.308318
CANT-DM1-COMP	155.3481	1058.067	2.376534	14.21775	7.579587	0.255818	15.07711	0.032408	3.127483	0.207433	205.6036	6.328756	231.2909	31.19524	502.1191	326.2664	205.6036	6.328756	40.94717

Member: Cabin Creek
Sample: CANT-PA1-COMP

				Isotope ratios							Apparent ages (Ma)								
Analysis	U (ppm)	206Pb 204Pb	U/Th	206Pb* 207Pb*	± (%)	207Pb* 235U*	± (%)	206Pb* 238U	± (%)	error corr.	206Pb* 238U*	± (Ma)	207Pb* 235U	± (Ma)	206Pb* 207Pb*	± (Ma)	Best age (Ma)	± (Ma)	Conc (%)
CANT-PA1-COMP	1092.547	2570.15	4.33126	17.45179	15.47367	0.127858	17.2111	0.016183	7.535754	0.437843	103.4888	7.736401	122.171	19.81374	503.1241	342.407	103.4888	7.736401	NA
CANT-PA1-COMP	918.6544	22983.49	4.224885	20.57731	8.186149	0.103036	8.842541	0.015377	3.343274	0.37809	98.37336	3.263924	99.57514	8.3872	128.4668	192.8779	98.37336	3.263924	NA
CANT-PA1-COMP	570.9194	30180.74	2.139584	20.01526	5.862227	0.198938	8.025387	0.028879	5.480979	0.682955	183.5269	9.917239	184.2274	13.52207	193.243	136.3979	183.5269	9.917239	NA
CANT-PA1-COMP	196.0354	108008.3	2.385547	9.339502	1.076442	4.058902	3.11309	0.274936	2.921062	0.938316	1565.806	40.60761	1646.088	25.36671	1750.151	19.70584	1750.151	19.70584	89.46693
CANT-PA1-COMP	139.0527	12015.14	1.939439	18.63371	15.97656	0.382167	16.63884	0.051648	4.647631	0.279324	324.6299	14.71403	328.6314	46.76485	357.0448	362.736	324.6299	14.71403	NA
CANT-PA1-COMP	125.1849	7550.162	2.486752	22.30767	48.75309	0.222316	50.76576	0.035969	14.15271	0.278785	227.7956	31.67655	203.8353	94.02134	-64.9889	1257.99	227.7956	31.67655	NA
CANT-PA1-COMP	1329.998	38737.45	2.058125	21.41613	4.238268	0.095527	7.641224	0.014838	6.358096	0.832078	94.94664	5.992561	92.63854	6.765505	33.59294	101.5284	94.94664	5.992561	NA
CANT-PA1-COMP	800.2326	15795.13	2.255972	21.88386	11.87753	0.095689	12.64185	0.015187	4.32906	0.342439	97.1684	4.174935	92.78901	11.21069	-18.3856	288.1568	97.1684	4.174935	NA
CANT-PA1-COMP	384.8519	17919.53	3.111089	21.13467	13.73748	0.191422	14.48211	0.029342	4.584011	0.316529	186.4274	8.423468	177.842	23.63016	65.20998	328.3753	186.4274	8.423468	NA
CANT-PA1-COMP	370.9816	12873.59	3.335336	20.31809	24.44102	0.095615	26.39172	0.01409	9.957871	0.37731	90.19517	8.918984	92.72041	23.39062	158.1852	579.4763	90.19517	8.918984	NA
CANT-PA1-COMP	32.44445	40350.62	1.824219	8.114957	2.949355	5.813819	5.076196	0.342174	4.131473	0.813892	1897.118	67.90112	1948.472	44.00591	2003.482	52.38258	2003.482	52.38258	94.691
CANT-PA1-COMP	881.6869	16104.82	2.680181	22.87217	24.79265	0.069483	25.09287	0.011526	3.869951	0.154225	73.87787	2.842717	68.20907	16.55486	-126.342	620.3259	73.87787	2.842717	NA
CANT-PA1-COMP	283.7838	9822.282	1.861952	19.2756	15.70489	0.212395	16.06846	0.029693	3.398832	0.211522	188.6252	6.318169	195.5605	28.59033	280.105	361.3795	188.6252	6.318169	NA
CANT-PA1-COMP	786.482	14055.49	7.393817	21.84725	8.81002	0.078484	10.46601	0.012436	5.649857	0.539829	79.67247	4.473678	76.71865	7.733691	-14.3368	213.2639	79.67247	4.473678	NA
CANT-PA1-COMP	254.0633	4954.439	2.762398	33.24457	78.29301	0.054542	80.17597	0.013151	17.274	0.215451	84.22279	14.45404	53.92362	42.13	-1150.69	1104.72	84.22279	14.45404	NA
CANT-PA1-COMP	255.1024	38178.73	1.938021	18.51659	6.150028	0.34887	9.535238	0.046851	7.286832	0.7642	295.1625	21.0231	303.8709	25.04627	371.2632	138.6089	295.1625	21.0231	NA
CANT-PA1-COMP	277.8139	8112.25	1.548794	21.73619	16.02324	0.180568	17.51546	0.028466	7.074406	0.403895	180.939	12.6224	168.5493	27.20855	-2.03254	388.4628	180.939	12.6224	NA
CANT-PA1-COMP	482.6626	27120.34	2.145191	20.39499	4.439445	0.217964	7.058924	0.032241	5.488145	0.777476	204.5583	11.05022	200.2141	12.82751	149.3646	104.0948	204.5583	11.05022	NA
CANT-PA1-COMP	209.5369	7511.306	4.078011	18.31443	29.18263	0.20045	30.35652	0.026625	8.360154	0.275399	169.3937	13.97716	185.5067	51.51286	395.9305	667.1929	169.3937	13.97716	NA
CANT-PA1-COMP	486.3537	22993.89	3.379051	20.89304	10.9842	0.100084	11.32602	0.015166	2.761561	0.243824	97.03125	2.659511	96.85407	10.46315	92.49157	260.8411	97.03125	2.659511	NA
CANT-PA1-COMP	304.7535	8469.83	7.054663	24.38515	41.79431	0.067131	42.66253	0.011873	8.563104	0.200717	76.08528	6.476966	65.97333	27.25755	-287.045	1107.256	76.08528	6.476966	NA
CANT-PA1-COMP	1007.068	106736.1	3.397471	18.36026	1.408203	0.447352	8.811875	0.05957	8.698626	0.987148	373.0094	31.52606	375.4234	27.66183	390.324	31.60673	373.0094	31.52606	NA
CANT-PA1-COMP	70.55665	39839.72	1.2569	5.43204	0.769436	12.73852	1.892933	0.501858	1.729498	0.91366	2621.776	37.25591	2660.511	17.82333	2690.077	12.71469	2690.077	12.71469	97.46101
CANT-PA1-COMP	926.7226	26719.48	0.611778	20.48868	5.6849	0.166019	6.092993	0.02467	2.192367	0.359818	157.1035	3.402656	155.9582	8.80894	138.5777	133.5928	157.1035	3.402656	NA
CANT-PA1-COMP	58.1561	61493.44	1.085492	5.513986	1.332707	11.29533	2.561265	0.451714	2.18723	0.853964	2402.868	43.87344	2547.819	23.8959	2665.306	22.0804	2665.306	22.0804	90.15353
CANT-PA1-COMP	1215.782	14480.74	1.761611	22.06233	5.924472	0.073113	6.723297	0.011699	3.178578	0.472771	74.9778	2.369422	71.64892	4.651173	-38.0685	143.929	74.9778	2.369422	NA
CANT-PA1-COMP	39.69047	18436.7	0.557556	5.425292	1.482015	12.57593	2.660122	0.494837	2.209045	0.83043	2591.569	47.14101	2648.422	25.02591	2692.131	24.4892	2692.131	24.4892	96.2646
CANT-PA1-COMP	641.8911	19222.48	3.047081	22.82703	13.04582	0.09624	13.71851	0.015933	4.243116	0.309299	101.9024	4.289843	93.29956	12.22947	-121.465	323.0064	101.9024	4.289843	NA
CANT-PA1-COMP	110.9631	48819.84	1.784892	5.994227	2.392063	8.770036	5.94031	0.381271	5.4374	0.915339	2082.216	96.76018	2314.383	54.19465	2526.046	40.16742	2526.046	40.16742	82.42985
CANT-PA1-COMP	172.7174	3393.554	2.669671	21.86331	29.49327	0.10921	30.97331	0.017317	9.460062	0.305426	110.6786	10.3809	105.2429	30.97437	-16.1141	726.708	110.6786	10.3809	NA
CANT-PA1-COMP	185.3029	154174.4	3.563396	8.881272	1.112956	5.041838	2.337016	0.32476	2.054988	0.879321	1812.935	32.47556	1826.378	19.80462	1841.725	20.14614	1841.725	20.14614	98.43674
CANT-PA1-COMP	1745.974	46598.93	0.918985	21.20125	3.686739	0.108198	4.54368	0.016637	2.655746	0.584492	106.3674	2.80167	104.3154	4.504445	57.66954	87.92738	106.3674	2.80167	NA
CANT-PA1-COMP	323.7358	10529.84	2.8593	23.44063	34.6793	0.088943	35.03916	0.015121	5.008862	0.14295	96.74661	4.809723	86.51839	29.06762	-187.335	889.6248	96.74661	4.809723	NA
CANT-PA1-COMP	191.9472	11067.5	1.458402	19.22096	21.72941	0.281654	21.94197	0.039264	3.046753	0.138855	248.2664	7.420265	251.9686	48.99901	286.5841	501.9869	248.2664	7.420265	NA
CANT-PA1-COMP	344.8498	9948.448	3.030979	22.22772	20.34148	0.090692	21.73887	0.01462	7.668287	0.352745	93.56715	7.12318	88.14745	18.35606	-56.234	499.9762	93.56715	7.12318	NA
CANT-PA1-COMP	157.4276	13465.66	1.796768	18.03008	13.07979	0.418999	13.76165	0.054791	4.278107	0.310872	343.8691	14.32563	355.3351	41.28295	430.9077	292.602	343.8691	14.32563	NA
CANT-PA1-COMP	674.2391	20537.81	1.907153	22.23109	6.478824	0.093878	7.022545	0.015136	2.709424	0.385818	96.84462	2.60432	91.10954	6.119626	-56.6035	157.9959	96.84462	2.60432	NA
CANT-PA1-COMP	224.0605	11092.55	1.69792	25.46438	55.55006	0.081023	56.13995	0.014964	8.116992	0.144585	95.7475	7.714389	79.10597	42.74942	-398.69	1557.191	95.7475	7.714389	NA
CANT-PA1-COMP	168.9366	17609.05	1.134111	18.47402	10.93821	0.41998	12.04837	0.056272	5.051614	0.419278	352.911	17.34853	356.0369	36.19835	376.443	246.7465	352.911	17.34853	NA
CANT-PA1-COMP	64.59771	107123.8	1.564129	5.396565	0.833262	13.45066	2.00098	0.526453	1.819229	0.909169	2726.49	40.44711	2711.824	18.9138	2700.901	13.75588	2700.901	13.75588	100.9474
CANT-PA1-COMP	321.5119	29474.87	3.81727	18.75866	4.325412	0.429509	6.344967	0.058435	4.642135	0.731625	366.1006	16.52135	362.8278	19.35964	341.946	97.95215	366.1006	16.52135	NA
CANT-PA1-COMP	373.0943	15630.09	2.317292	20.04845	6.360243	0.197169	7.747481	0.028669	4.423887	0.57101	182.2146	7.948111	182.7276	12.95676	189.3428	148.1243	182.2146	7.948111	NA
CANT-PA1-COMP	340.7017	6223.015	2.846686	23.32298	18.59464	0.068699	21.91327	0.011621	11.59442	0.529105	74.48018	8.585857	67.46419	14.30413	-174.774	466.9412	74.48018	8.585857	NA
CANT-PA1-COMP	659.2226	18538.34	1.296813	18.99734	9.334782	0.112936	10.59266	0.01556	5.006617	0.47265	99.53696	4.945159	108.6475	10.91474	313.2439	212.8154	99.53696	4.945159	NA
CANT-PA1-COMP	108.3945	40689.52	4.341119	8.893911	1.589633	4.780763	2.53486	0.308382	1.974483	0.778932	1732.739	30.00053	1781.526	21.28921	1839.151	28.78361	1839.151	28.78361	94.21408
CANT-PA1-COMP	23.98737	12492.29	0.773409	8.86946	6.767633	4.730975	8.101498	0.304331	4.453473	0.54971	1712.751	66.98712	1772.743	68.00896	1844.134	122.6081	1844.134	122.6081	92.87559
CANT-PA1-COMP	287.9209	43740.24	2.258935	16.13919	4.226564	0.917871	5.413421	0.107439	3.382496	0.624835	657.858	21.15434	661.2336	26.31245	672.7593	90.44611	657.858	21.15434	97.78504
CANT-PA1-COMP	283.6332	9395.836	2.800841	23.10428	39.80087	0.101071	40.44773	0.016936	7.204817	0.178127	108.2639	7.735089	97.76446	37.71681	-151.339	1023.123	108.2639	7.735089	NA
CANT-PA1-COMP	345.6386	7760.168	2.83253	21.84687	34.08392	0.105195	36.65842	0.016668	13.49543	0.36814	106.5635	14.26301	101.5608	35.4436	-14.295	845.2024	106.5635	14.26301	NA
CANT-PA1-COMP	359.956	31873.08	1.029339	19.57247	17.30652	0.138814	19.12186	0.019705	8.132041	0.425274	125.7918	10.13029	131.9872	23.67118	244.9682	401.2233	125.7918	10.13029	NA
CANT-PA1-COMP	376.5463	7889.537	3.298406	20.80861	23.28578	0.074951	28.50785	0.011312	16.44597	0.576893	72.50941	11.85807	73.38718	20.18561	102.0555	557.1285	72.50941	11.85807	NA
CANT-PA1-COMP	491.8635	173699.9	14.16255	7.04962	1.048346	6.313267	2.031423	0.322789	1.740014	0.85655	1803.335	27.37169	2020.298	17.80809	2249.92	18.11016	2249.92	18.11016	80.15107
CANT-PA1-COMP	549.649	21756.8	3.063651	19.90958	8.067358	0.203645	9.152646	0.029406	4.323039	0.472327	186.8291	7.960781	188.2058	15.72486	205.5176	187.4177	186.8291	7.960781	NA
CANT-PA1-COMP	615.0829	17713	2.296989	21.48045	13.75533	0.093263	13.87076	0.01453	1.785751	0.128742	92.98947	1.648641	90.53852	12.01532	26.4035	331.2094	92.98947	1.648641	NA
CANT-PA1-COMP	251.3784	26306.29	4.257061	20.90124	10.71791	0.334213	10.89562	0.050663	1.959863	0.179876	318.5934	6.092213	292.7775	27.71969	91.54259	254.5375	318.5934	6.092213	NA
CANT-PA1-COMP	137.4742	6906.461	3.638752	19.83041	23.87486	0.189153	27.54937	0.027205	13.74623	0.498967	173.0299	23.46881	175.9066	44.52419	214.728	559.9431	173.0299	23.46881	NA
CANT-PA1-COMP	544.3691	18458.42	3.619777	24.32693	13.69748	0.096289	15.13073	0.016989	6.427921	0.424825	108.5975	6.922095	93.34545	13.49488	-280.955	350.0767	108.5975	6.922095	NA
CANT-PA1-COMP	672.5302	11266.43	6.000106	23.88488	15.69855	0.067195	17.10821	0.01164	6.800473	0.397498	74.60386	5.044172	66.0341	10.93816	-234.477	398.0212	74.60386	5.044172	NA
CANT-PA1-COMP	1051.495	33230.46	2.146826	21.1896	6.553617	0.097292	7.356	0.014952	3.340784	0.454158	95.67341	3.172641	94.27382	6.622681	59.02596	156.3516	95.67341	3.172641	NA

CANT-PA1-COMP	314.8727	7347.75	2.18087	23.15591	23.26031	0.093468	25.83112	0.015697	11.23409	0.434905	100.4048	11.19219	90.72866	22.42332	-156.883	584.5138	100.4048	11.19219	NA	
CANT-PA1-COMP	1123.299	22661.33	7.228969	20.18053	6.428745	0.086179	7.621773	0.012613	4.094223	0.537175	80.80239	3.287583	83.93729	6.140296	174.0431	150.1534	80.80239	3.287583	NA	
CANT-PA1-COMP	545.5243	84287.67	2.697535	18.65928	4.228187	0.442326	4.887297	0.05986	2.451145	0.501534	374.7733	8.924314	371.8911	15.21984	353.9844	95.54587	374.7733	8.924314	NA	
CANT-PA1-COMP	497.0636	48113.39	15.83372	12.74779	5.429455	0.343944	6.438251	0.0318	3.460071	0.537424	201.8016	6.874323	300.1562	16.73185	1158.146	107.7641	201.8016	6.874323	17.42455	
CANT-PA1-COMP	51.13274	22975.97	0.558122	8.752299	4.890308	5.187944	6.164344	0.329319	3.752869	0.608803	1835.078	59.9351	1850.64	52.5234	1868.161	88.29189	1868.161	88.29189	98.22912	
CANT-PA1-COMP	1002.789	33778.35	3.074106	22.04887	9.367895	0.096608	9.769681	0.015449	2.77294	0.283831	98.82878	2.719563	93.64051	8.739428	-36.5868	227.7935	98.82878	2.719563	NA	
CANT-PA1-COMP	324.9359	5040.341	4.044324	22.29495	24.79956	0.077873	29.83028	0.012592	16.57791	0.555741	80.66548	13.28935	76.14278	21.88625	-63.5985	613.0776	80.66548	13.28935	NA	
CANT-PA1-COMP	281.0323	20796.08	2.661239	18.93213	8.860589	0.376364	9.57037	0.051678	3.616897	0.377927	324.8158	11.4572	324.3593	26.57863	321.1056	201.6856	324.8158	11.4572	NA	
CANT-PA1-COMP	425.3225	14979.39	2.932012	24.61878	13.11648	0.066441	17.03955	0.011863	10.87677	0.638325	76.02512	8.220512	65.31662	10.77965	-311.412	337.1675	76.02512	8.220512	NA	
CANT-PA1-COMP	240.7173	5055.34	3.695937	21.10902	21.79239	0.110966	22.75066	0.016989	6.533314	0.28717	108.5954	7.035457	106.8486	23.07744	68.09916	523.9018	108.5954	7.035457	NA	
CANT-PA1-COMP	595.3327	26238.33	2.350947	19.51593	3.00367	0.216995	3.391953	0.030714	1.575852	0.464586	195.0156	3.027139	199.4053	6.141087	251.6713	69.13684	195.0156	3.027139	NA	
CANT-PA1-COMP	901.5397	46755.14	2.952163	21.64507	6.848699	0.092029	7.198132	0.014447	2.215496	0.307788	92.46648	2.033969	89.39214	6.159529	8.040456	164.9696	92.46648	2.033969	NA	
CANT-PA1-COMP	157.3232	11264.32	1.892893	20.68075	31.131	0.202427	31.27982	0.030362	3.047629	0.097431	192.8149	5.789274	187.1778	53.51874	116.6279	750.1013	192.8149	5.789274	NA	
CANT-PA1-COMP	68.59756	7251.977	2.438502	20.57538	32.59482	0.371197	33.18289	0.055392	6.219458	0.18743	347.5438	21.04307	320.5402	91.45781	128.6871	785.3666	347.5438	21.04307	NA	
CANT-PA1-COMP	819.0523	30414.56	2.635957	19.23419	6.787675	0.110794	8.310245	0.015456	4.794543	0.576944	98.87211	4.704298	106.6918	8.416621	284.9953	155.3754	98.87211	4.704298	NA	
CANT-PA1-COMP	242.0682	10710.69	1.825386	19.55856	6.883714	0.220026	9.570736	0.031211	6.649321	0.694755	198.1237	12.97351	201.9312	17.52762	246.6054	158.6666	198.1237	12.97351	NA	
CANT-PA1-COMP	219.2126	5077.627	1.203202	27.3208	46.58769	0.063473	49.62223	0.012577	17.0866	0.344334	80.57213	13.68138	62.48697	30.08139	-585.726	1323.853	80.57213	13.68138	NA	
CANT-PA1-COMP	658.0088	17033.4	2.710135	21.55692	13.22949	0.102705	14.8319	0.016057	6.705663	0.452111	102.6904	6.831518	99.26983	14.02765	17.85262	318.9637	102.6904	6.831518	NA	
CANT-PA1-COMP	938.903	14515.56	1.930232	22.41156	9.525479	0.069447	9.942286	0.011288	2.848561	0.28651	72.36101	2.049722	68.17481	6.555685	-76.3425	233.4019	72.36101	2.049722	NA	
CANT-PA1-COMP	175.7762	108727.4	1.018654	7.329762	0.660543	7.385832	2.198556	0.392634	2.096981	0.953799	2135.033	38.11262	2159.256	19.66414	2182.356	11.49396	2182.356	11.49396	97.83156	
CANT-PA1-COMP	744.4521	14513.34	3.955165	19.66673	11.30197	0.093711	11.74972	0.013367	3.212712	0.273429	85.59605	2.731779	90.95458	10.22259	233.9355	261.5455	85.59605	2.731779	NA	
CANT-PA1-COMP	188.6002	22241.79	2.631991	21.49413	28.92802	0.20402	29.4055	0.031805	5.277605	0.179477	201.8336	10.48696	188.5222	50.63578	24.85586	706.7879	201.8336	10.48696	NA	
CANT-PA1-COMP	511.7782	19701.8	2.497466	19.79383	9.130477	0.188422	9.636304	0.02705	3.081028	0.319731	172.0562	5.230981	175.2821	15.51442	219.0214	211.6565	172.0562	5.230981	NA	
CANT-PA1-COMP	264.1963	20770.5	3.042528	20.42168	5.803908	0.219292	7.6839	0.03248	5.035571	0.655341	206.0501	10.21174	201.3208	14.03315	146.3008	136.2117	206.0501	10.21174	NA	
CANT-PA1-COMP	270.9623	18154.9	1.185941	18.66172	17.40348	0.223773	18.33543	0.030287	5.771233	0.314758	192.3449	10.93671	205.045	34.05575	353.6544	395.7641	192.3449	10.93671	NA	
CANT-PA1-COMP	525.798	47164.41	1.834574	19.37708	6.442468	0.230211	7.638198	0.032353	4.103252	0.537202	205.2577	8.289573	210.3731	14.51434	268.0299	147.908	205.2577	8.289573	NA	
CANT-PA1-COMP	389.933	1270.37	2.288125	13.00881	16.25741	0.110321	19.26691	0.012099	2.121072	0.110089	77.52451	1.634503	106.2594	19.44045	811.5454	403.978	77.52451	1.634503	9.552702	
CANT-PA1-COMP	383.678	690.6992	5.036284	12.48362	10.59271	0.098458	36.11054	0.011981	1.060154	0.029359	76.77672	0.809124	95.352	32.87634	590.0434	NA	76.77672	0.809124	13.01205	
CANT-PA1-COMP	383.0019	2292.888	4.209505	17.41242	5.130932	0.222915	8.782113	0.031428	0.777251	0.088504	199.4824	1.526735	204.3327	16.25581	261.6669	201.2202	199.4824	1.526735	76.23523	
CANT-PA1-COMP	341.7884	9954.823	1.535608	8.709608	0.682782	4.990547	1.364063	0.316451	0.689882	0.505755	1772.375	10.69043	1817.721	11.53891	1870.866	21.22417	1870.866	21.22417	94.73553	
CANT-PA1-COMP	213.6069	1068.559	2.199133	14.25898	5.37049	0.221664	17.42566	0.028232	1.595187	0.091542	179.4754	2.823481	203.2939	32.11498	490.3183	385.384	179.4754	2.823481	36.60385	
CANT-PA1-COMP	185.1992	816.6912	3.002707	11.55642	12.89563	0.213503	27.90325	0.022276	1.988815	0.071275	142.0226	2.79368	196.4882	49.88816	914.941	583.571	142.0226	2.79368	15.5226	
CANT-PA1-COMP	528.9063	1387.009	3.697414	15.32295	5.421684	0.119153	11.10767	0.015667	1.124826	0.101266	100.2118	1.118492	114.3035	12.00846	419.6527	247.4369	100.2118	1.118492	23.87969	
CANT-PA1-COMP	684.0442	2117.778	3.261029	16.74505	5.422038	0.123733	6.876119	0.016868	0.834525	0.121366	107.8336	0.892413	118.4505	7.68782	338.2917	154.7685	107.8336	0.892413	31.87592	
CANT-PA1-COMP	67.61122	537.1004	3.688797	11.13599	7.265004	0.297231	12.39613	0.034021	3.032013	0.244594	215.668	6.430908	264.2349	28.84757	721.3598	255.9205	215.668	6.430908	29.89742	
CANT-PA1-COMP	442.5431	820.0742	2.565444	14.91158	7.183793	0.107278	23.04427	0.015726	1.345602	0.058392	100.5875	1.343002	103.4728	22.67362	171.4347	NA	100.5875	1.343002	58.67394	
CANT-PA1-COMP	734.8666	3725.287	1.600277	17.38282	5.504356	0.126419	6.621546	0.01699	0.82045	0.123906	108.6043	0.88358	120.8746	7.54586	370.5756	148.1231	108.6043	0.88358	29.30693	
CANT-PA1-COMP	157.7257	580.7152	3.504333	8.780066	14.65562	0.21958	28.7883	0.017622	2.52519	0.087716	112.6063	2.818831	201.5599	52.67653	1434.276	558.7666	112.6063	2.818831	7.851088	
CANT-PA1-COMP	313.0829	2743.598	3.262944	18.01887	3.356035	0.401535	4.771376	0.057674	0.732633	0.153548	361.4641	2.575329	342.7607	13.88097	218.8002	109.1692	361.4641	2.575329	165.2028	
CANT-PA1-COMP	179.1916	532.0925	3.995086	13.31506	16.28445	0.077079	25.27099	0.011725	3.062406	0.121183	75.14675	2.287937	75.39512	18.36491	84.28704	NA	75.14675	2.287937	89.15576	
CANT-PA1-COMP	871.094	2362.544	3.8163	16.91743	3.460011	0.111605	8.29522	0.015195	0.798659	0.096279	97.21718	0.770609	107.4329	8.456732	341.2937	187.2079	97.21718	0.770609	28.4849	
CANT-PA1-COMP	356.3209	25464.66	2.802348	8.135947	0.591299	6.115288	0.850132	0.359912	0.587508	0.691078	1981.755	10.02346	1992.431	7.419054	2004.279	10.90905	2004.279	10.90905	98.8762	
CANT-PA1-COMP	284.8055	3089.252	8.985522	16.86999	5.113352	0.240038	9.423754	0.031698	0.809969	0.08595	201.1671	1.604229	218.4518	18.52454	410.0038	210.3991	201.1671	1.604229	49.06469	
CANT-PA1-COMP	115.1552	706.2368	2.451552	12.74052	5.08836	0.263871	24.14985	0.032891	1.773775	0.073449	208.6176	3.641173	237.7814	51.23908	537.708	534.03	208.6176	3.641173	38.79757	
CANT-PA1-COMP	1877.715	6526.647	2.09135	18.64426	2.636698	0.108349	3.131855	0.015233	0.741135	0.236644	97.45686	0.716854	104.4543	3.108728	268.1427	69.7927	97.45686	0.716854	36.34515	
CANT-PA1-COMP	123.1735	12799.25	2.074558	5.794262	0.688711	11.56064	0.971699	0.486631	0.610607	0.628392	2556.082	12.88479	2569.496	9.081199	2580.809	12.62481	2580.809	12.62481	99.04191	
CANT-PA1-COMP	1210.062	4835.065	2.694238	18.60429	3.730629	0.118128	4.564679	0.016828	0.678436	0.148627	107.5802	0.723807	113.3732	4.896705	237.7979	104.1465	107.5802	0.723807	45.2402	
CANT-PA1-COMP	381.4105	1786.263	4.02893	15.75852	7.762879	0.117917	12.56088	0.015411	1.247833	0.099343	98.58863	1.220862	113.1816	13.45368	433.0993	279.4027	98.58863	1.220862	22.76352	
CANT-PA1-COMP	661.0802	3309.488	2.597331	17.42234	5.063708	0.119276	6.946462	0.016244	0.836258	0.120386	103.8731	0.861686	114.415	7.516504	340.6917	156.3206	103.8731	0.861686	30.48887	
CANT-PA1-COMP	471.2674	1098.893	3.274852	14.19643	7.428527	0.092388	13.92209	0.011636	1.541044	0.110691	74.57856	1.142666	89.72567	11.95622	514.9209	305.2196	74.57856	1.142666	14.4835	
CANT-PA1-COMP	305.1393	1543.819	2.847362	15.42107	6.51722	0.222168	16.68477	0.02888	1.298425	0.077821	183.5377	2.349494	203.7123	30.80587	445.0653	372.0898	183.5377	2.349494	41.23838	
CANT-PA1-COMP	670.0369	1712.853	2.416532	18.91669	3.527496	0.085871	9.651504	0.013986	1.200734	0.124409	89.53279	1.067619	83.64988	7.750013	NA	NA	89.53279	1.067619		
CANT-PA1-COMP	574.6632	1371.428	6.93366	14.01564	8.630816	0.097883	16.104	0.011599	1.927026	0.119661	74.34143	1.42435	94.82074	14.57964	647.4101	345.4358	74.34143	1.42435	11.4829	
CANT-PA1-COMP	996.07	2040.701	2.112871	19.04789	3.875414	0.074362	5.37945	0.011804	0.951811	0.176935	75.64812	0.715819	72.83038	3.780683	NA	NA	75.64812	0.715819		
CANT-PA1-COMP	447.3666	813.7859	2.346631	15.25588	8.354875	0.076707	22.53894	0.011611	1.591666	0.070618	74.41595	1.177643	75.04394	16.30559	96.10225	NA	74.41595	1.177643	77.43413	
CANT-PA1-COMP	121.6558	602.8609	2.229798	11.58861	10.77358	0.293401	23.59072	0.033795	2.243925	0.095119	214.2564	4.728736	261.2327	54.38941	708.0345	505.9216	214.2564	4.728736	30.26073	
CANT-PA1-COMP	2079.597	5728.251	2.678951	19.13626	2.438478	0.105907	3.459167	0.015294	0.605542	0.175054	97.84496	0.588019	102.2148	3.36365	206.354	79.01807	97.84496	0.588019	47.41608	
CANT-PA1-COMP	135.6546	521.3174	4.325348	8.358787	25.995	0.145961	27.20508	0.011269	4.855347	0.178472	72.23769	3.487812	138.3397	35.19829	1507.734	515.0314	72.23769	3.487812	4.791143	
CANT-PA1-COMP	116.8893	6863.212	3.148967	8.765598	1.032686	5.159484	2.012757	0.329923	0.64558	0.320744	1838.01	10.32417	1845.959	17.12081	1855.699	34.45401	1855.699	34.45401	99.04676	
CANT-PA1-COMP	661.9123	1714.773	3.506947	14.2222	5.075889	0.128626	6.239527	0.014873	1.035658	0.165983	95.17445	0.978441	122.8622	7.2205	699.7012	131.1409	95.17445	0.978441	13.60216	
CANT-PA1-COMP	142.6095	8537.07	2.124927	8.8216	1.035175	5.140928	1.28814	0.328997	0.617078	0.479046	1833.518	9.847517	1842.896	10.95008	1854.269	20.43659	1854.269	20.43659	98.8809	
CANT-PA1-COMP	332.8988	4638.968	2.415085	17.92424	3.453103	0.417502	4.579509	0.056737	0.807207	0.176265	355.7514	2.793852	354.2634	13.69652	345.5168	102.0005	355.7514	2.793852	102.9621	
CANT-PA1-COMP	384.3245	4714.253	2.256313	17.55377	3.40559	0.431733	3.57253	0.057328	0.786378	0.220118	359.3582	2.748592	364.4064	10.93895	397.6128	78.12436	359.3582	2.748592	90.37893	
CANT-PA1-COMP	263.6356	448.4815	6.887099	11.63936	13.25201	0.084937	30.4484	0.011423	2.489479	0.081761	73.21926	1.812466	82.77643	24.20869	369.0447	NA	73.21926	1.812466	19.84022	
CANT-PA1-COMP	576.7581	1838.796	2.789017	17.49681	4.030243	0.080936	14.51478	0.011809	1.65586	0.114081	75.68163	1.245854	79.02468	11.0357	182.3035	NA	75.68163	1.245854	41.51407	
CANT-PA1-COMP	448.492	143.6501	3.253562	12.03642	11.11303	-0.06143	62.91721	0.014865	1.246625	0.019814	95.12209	1.17711	NA	-41.8399	NA	NA	95.12209	1.17711		
CANT-PA1-COMP	253.3109	650.9316	3.392803	13.98433	11.61458	0.079954	27.41329	0.011731	2.758264	0.100618	75.18518	2.06176	78.1016	20.61034	169.2653	NA	75.18518	2.06176	44.41856	
CANT-PA1-COMP	1034.856	4218.771	2.688397	19.53903	1.930734	0.205691	5.195281	0.030928	0.720489	0.138681	196.3526	1.39337	189.9302	8.999727	111.8418	NA	196.3526	1.39337	175.5628	
CANT-PA1-COMP	968.1499	4263.491	7.660073	18.01992	4.206315	0.089604	5.128897	0.012343	0.769883	0.150107	79.0811	0.605113	87.1347	4.282689	314.7773	115.4005	79.0811	0.605113	25.12287	
CANT-PA1-COMP	464.3758	2341.219	2.098519	17.88901	4.165895	0.198419	8.966885	0.028648	0.892273	0.099508	182.0838	1.601955	183.7875	15.07571	206.7585	207.2893	182.0838	1.601955	88.06593	
CANT-PA1-COMP	994.0691	11762.22	9.278074	18.67685	1.91614	0.415579	2.205383	0.056976	0.613085	0.277995	357.209	2.130425	352.8849	6.574149	325.5054	48.07814	357.209	2.130425	109.7398	
CANT-PA1-COMP	350.4611	2852.475	3.504444	17.88761	3.621621	0.386863	4.499561	0.054642	0.767336	0.170536	342.9581	2.562862	332.0756	12.7452	257.5251	101.9343	342.9581	2.562862	133.1746	
CANT-PA1-COMP	1373.668	4536.002	2.096943	19.11118	3.030414	0.10502	4.704028	0.015343	0.831962	0.176862	98.15635	0.810438	101.4	4.539479	179.3226	107.9668	98.15635	0.810438	54.73731	
CANT-PA1-COMP	309.2812	672.275	2.863818	10.36928	5.716327	0.119038	18.91211	0.011343	3.483326	0.184185	72.70913	2.518466	114.1993	20.43001	1098.944	375.063	72.70913	2.518466	6.61627	
CANT-PA1-COMP	437.3186	4831.093	2.654171	17.30749	2.976107	0.434631	3.814228	0.056864	0.738935	0.193731	356.5229	2.562948	366.4592	11.73373	430.7618	83.41895	356.5229	2.562948	82.76568	
CANT-PA1-COMP	235.2248	1028.676	1.842928	16.95243	4.105202	0.352493	10.04484	0.056643	0.912904	0.090883	355.18	3.154745	306.5941	26.58809	NA	NA	355.18	3.154745		
CANT-PA1-COMP	253.2037	2311.154	2.677509	17.44305	4.306179	0.380247	8.510989	0.053482	1.016103	0.119387	335.8655	3.325361	327.2196	23.81213	267.1671	194.1662	335.8655	3.325361	125.7137	
CANT-PA1-COMP	219.6459	2076.715	4.461169	15.22103	7.278277	0.264795	9.54871	0.032395	2.269209	0.237646	205.5224	4.590174	238.5236	20.30122	578.4371	201.9372	205.5224	4.590174	35.53065	
CANT-PA1-COMP	532.8798	5458.775	2.624832	18.45437	2.565136	0.404304	2.803462	0.05652	0.829756	0.295975	354.4272	2.861496	344.7648	8.195601	281.1639	61.30014	354.4272	2.861496	126.0571	
CANT-PA1-COMP	465.0973	1372.41	6.195281	12.75119	11.10719	0.122806	13.85161	0.013014	1.699234	0.122674	83.35019	1.407198	117.6129	15.38433	882.8731	285.5689	83.35019	1.407198	9.440789	
CANT-PA1-COMP	571.714	2068.039	3.617214	14.38841	7.793698	0.129639	9.346452	0.014935	1.136677	0.121616	95.56509	1.078254	123.7729	10.89151	707.6453	197.6985	95.56509	1.078254	13.50466	
CANT-PA1-COMP	1012.139	3580.134	4.4933	17.67298	3.708971	0.085485	4.875944	0.011727	0.888485	0.182218	75.15689	0.66388	83.28851	3.899023	324.1734	108.9027	75.15689	0.66388	23.18416	
CANT-PA1-COMP	699.6115	4662.118	5.854905	13.16726	1.326216	0.740776	2.205813	0.073291	1.197248	0.54277	455.9532	5.270313	562.8581	9.531366	1023.261	37.5108	455.9532	5.270313	44.55882	
CANT-PA1-COMP	262.065	1395.804	4.032294	14.84447	5.806982	0.238438	7.391311	0.030173	1.489204	0.20148	191.6283	2.811738	217.1402	14.45044	504.5961	159.4738	191.6283	2.811738	37.97658	
CANT-PA1-COMP	1783.94	18345.99	11.31236	18.46777	0.994166	0.418814	1.827208	0.05655	0.76967	0.421228	354.6073	2.655598	355.2024	5.476682	360.054	37.3737	354.6073	2.655598	98.48728	
CANT-PA1-COMP	283.9494	2013.297	3.197806	14.5605	6.730459	0.278357	9.336856	0.032613	1.325773	0.141994	206.8811	2.69923	249.3536	20.64623	671.7084	198.138	206.8811	2.69923	30.79924	
CANT-PA1-COMP	190.4396	1299.829	8.428431	15.36645	6.568194	0.225129	18.7342	0.030131	1.630271	0.087021	191.3679	3.073963	206.1699	34.96929	379.9035	NA	191.3679	3.073963	50.37277	
CANT-PA1-COMP	551.5754	1420.783	4.626425	12.44965	10.94661	0.110572	14.4579	0.011356	1.143797	0.079112	72.7934	0.827925	106.4883	14.61716	947.247	296.5317	72.7934	0.827925	7.684733	
CANT-PA1-COMP	715.4227	1738.196	2.211022	16.43966	6.173292	0.086839	7.547153	0.011969	1.064998	0.141113	76.70062	0.81202	84.55413	6.123028	313.4172	170.19	76.70062	0.81202	24.47238	
CANT-PA1-COMP	630.1979	1492.022	4.228127	14.41043	9.310212	0.094552	12.05741	0.011446	1.149892	0.095368	73.36392	0.838823	91.73533	10.57635	601.4173	260.6653	73.36392	0.838823	12.19851	
CANT-PA1-COMP	100.4041	471.1232	3.0533	10.80295	21.50576	0.190294	48.11067	0.022227	3.206085	0.06664	141.7132	4.49387	176.8798	78.25287	678.2533	NA	141.7132	4.49387	20.89384	
CANT-PA1-COMP	189.8983	1786.599	2.993625	14.15535	10.076	0.267857	11.18832	0.030922	1.420393	0.126953	196.3162	2.74643	240.9787	24.00536	703.2643	236.8904	196.3162	2.74643	27.91499	
CANT-PA1-COMP	392.5365	1100.576	2.747052	13.99714	13.56545	0.092946	21.07022	0.01153	1.262188	0.059904	73.8992	0.927421	90.24362	18.19599	548.2958	464.008	73.8992	0.927421	13.47798	
CANT-PA1-COMP	72.98441	2820.548	1.027208	9.699516	3.15207	3.879853	3.552479	0.284888	0.691819	0.194743	1615.931	9.888252	1609.499	28.68702	1601.888	65.02119	1601.888	65.02119	100.8766	
CANT-PA1-COMP	87.96803	8278.546	1.443527	9.16813	1.492286	4.671583	2.159697	0.313233	0.997631	0.461931	1756.597	15.33963	1762.165	18.0646	1769.552	34.9829	1769.552	34.9829	99.2679	
CANT-PA1-COMP	511.0161	1155.466	3.909596	13.91734	10.21647	0.095159	11.90869	0.011566	1.713334	0.143873	74.13182	1.26285	92.29752	10.50704	592.5753	256.2622	74.13182	1.26285	12.51011	
CANT-PA1-COMP	225.655	516.8232	3.752585	11.22824	11.31829	0.102316	36.47083	0.012086	2.863849	0.078524	77.44339	2.204593	98.91191	34.38577	654.1777	NA	77.44339	2.204593	11.83828	
CANT-PA1-COMP	61.99409	5821.924	2.049058	4.027461	1.012784	21.48308	1.38007	0.627756	0.932349	0.675581	3140.708	23.17929	3160.647	13.3905	3174.008	16.12617	3174.008	16.12617	98.95086	
CANT-PA1-COMP	34.0356	2895.368	1.469638	5.493625	1.65756	12.37568	2.017077	0.501539	1.048301	0.519713	2620.407	22.57221	2633.333	18.95204	2643.99	28.60685	2643.99	28.60685	99.10806	
CANT-PA1-COMP	796.011	5615.384	4.673254	18.23022	2.695982	0.218854	3.383851	0.030189	0.983022	0.290504	191.7335	1.857029	200.9552	6.16948	311.606	73.70166	191.7335	1.857029	61.53074	
CANT-PA1-COMP	330.5664	2240.431	2.712095	17.24558	5.785334	0.219425	13.49381	0.030743	1.153355	0.085473	195.1943	2.217541	201.4313	24.65932	276.063	NA	195.1943	2.217541	70.70643	
CANT-PA1-COMP	121.3494	1037.372	2.926324	13.01686	8.305407	0.475933	22.43456	0.054529	1.727982	0.077023	342.265	5.760014	395.2786	73.58441	719.3084	480.4388	342.265	5.760014	47.58252	
CANT-PA1-COMP	231.721	2744.56	2.395215	16.58544	3.246748	0.433237	6.164856	0.056853	0.854471	0.138603	356.4594	2.963161	365.4724	18.9239	424.011	136.3173	356.4594	2.963161	84.06843	
CANT-PA1-COMP	933.9263	1964.733	2.815423	18.34332	3.905813	0.082682	8.944535	0.012679	0.835476	0.093406	81.2188	0.674307	80.66339	6.93593	65.29404	NA	81.2188	0.674307	124.3893	

CANT-PA1-COMP	497.1839	961.7055	1.860353	16.44886	3.938332	0.071793	10.83956	0.011396	1.328404	0.122551	73.04663	0.964877	70.39909	7.372554	NA	NA	73.04663	0.964877		
CANT-PA1-COMP	169.4659	1087.823	2.40774	15.48144	6.243278	0.212921	11.94369	0.030028	1.454665	0.121794	190.7217	2.733723	196.0007	21.29206	261.0518	NA	190.7217	2.733723	73.05895	
CANT-PA1-COMP	413.4601	980.2866	3.859369	13.34813	18.38854	0.093825	28.84873	0.011252	1.245197	0.043163	72.12766	0.893125	91.05996	25.13127	621.6516	634.017	72.12766	0.893125	11.60259	
CANT-PA1-COMP	394.6844	1301.671	2.496236	15.27917	9.932433	0.120407	11.46858	0.016002	1.151131	0.100373	102.3396	1.168761	115.4405	12.51515	395.6929	256.6081	102.3396	1.168761	25.86338	
CANT-PA1-COMP	138.9835	3011.791	5.637792	11.00491	3.373485	1.158758	4.036616	0.096894	1.101102	0.272778	596.1806	6.27015	781.371	22.00413	1355.437	74.9147	1355.437	74.9147	43.98437	
CANT-PA1-COMP	535.9662	1374.431	4.132776	16.03216	9.514289	0.112606	13.25187	0.015704	1.246801	0.094085	100.4505	1.24271	108.3464	13.61925	286.5914	NA	100.4505	1.24271	35.05008	
CANT-PA1-COMP	576.8405	2415.786	1.449313	17.42558	4.342255	0.171643	5.822164	0.024116	1.117535	0.191945	153.6192	1.696454	160.8438	8.660751	269.5598	131.1201	153.6192	1.696454	56.98889	
CANT-PA1-COMP	583.0808	1184.434	3.833608	16.71796	5.865022	0.080905	16.08831	0.012318	1.248346	0.077593	78.92444	0.979243	78.99529	12.2278	82.14939	NA	78.92444	0.979243	96.07429	
CANT-PA1-COMP	799.0267	2607.488	7.141852	15.35358	5.162869	0.12741	9.461781	0.015367	0.935369	0.098858	98.30647	0.912553	121.7673	10.85774	609.325	203.963	98.30647	0.912553	16.13367	
CANT-PA1-COMP	382.7262	2993.67	3.949066	17.23776	5.996519	0.232747	9.33822	0.031394	0.822549	0.088084	199.2649	1.613978	212.4642	17.90399	362.3976	210.1793	199.2649	1.613978	54.98516	
CANT-PA1-COMP	208.8474	1172.659	2.450565	12.97346	8.914363	0.277096	14.45598	0.030649	1.305065	0.090279	194.612	2.501859	248.3514	31.8586	793.575	303.4171	194.612	2.501859	24.52345	
CANT-PA1-COMP	780.7355	2247.697	2.125295	16.56396	4.907795	0.104467	6.912366	0.013898	0.891633	0.128991	88.97851	0.787911	100.8913	6.638792	393.31	153.9398	88.97851	0.787911	22.62299	
CANT-PA1-COMP	1222.092	3515.747	4.063445	18.58349	3.211104	0.102621	8.004695	0.014818	0.853154	0.106582	94.81958	0.803037	99.19297	7.564727	206.638	184.8467	94.81958	0.803037	45.88682	
CANT-PA1-COMP	528.3313	5420.867	9.219886	18.20896	2.875438	0.409026	3.199034	0.056126	0.752781	0.235315	352.0229	2.578906	348.1735	9.429598	323.5554	70.62104	352.0229	2.578906	108.7983	
CANT-PA1-COMP	507.4408	12070.94	10.08096	5.862586	0.774123	9.036811	1.559255	0.383562	1.314852	0.843256	2092.902	23.49818	2341.737	14.25592	2566.944	14.01754	2566.944	14.01754	81.53285	
CANT-PA1-COMP	176.4256	1619.693	1.987651	15.76845	6.472657	0.432231	12.05002	0.057246	1.13227	0.093964	358.8562	3.952197	364.7595	36.94128	403.4147	269.4882	358.8562	3.952197	88.95467	
CANT-PA1-COMP	739.4763	1448.458	3.172901	15.33698	7.003266	0.088802	18.22388	0.011612	1.523047	0.083574	74.42283	1.126977	86.38674	15.09303	431.9904	407.6479	74.42283	1.126977	17.22789	
CANT-PA1-COMP	409.8686	860.2139	14.78687	14.27161	11.20781	0.087106	18.31895	0.011837	1.739868	0.094976	75.8579	1.312092	84.80428	14.90527	345.6151	NA	75.8579	1.312092	21.94866	
CANT-PA1-COMP	557.3008	7304.716	2.114831	18.56919	2.007729	0.406526	4.006111	0.056498	0.779281	0.194523	354.2946	2.68645	346.3702	11.75744	294.5515	89.71891	354.2946	2.68645	120.2828	
CANT-PA1-COMP	391.0836	2165.517	2.907205	15.79211	4.859655	0.258956	8.397898	0.032995	0.846094	0.100751	209.268	1.742173	233.8253	17.5412	489.4268	184.5987	209.268	1.742173	42.75777	
CANT-PA1-COMP	529.0602	1873.237	2.34061	15.67991	5.058301	0.121251	9.994809	0.015499	1.278834	0.12795	99.14785	1.258235	116.2052	10.97496	482.3447	219.4356	99.14785	1.258235	20.55539	
CANT-PA1-COMP	555.5921	8688.5	2.568351	18.15985	3.18471	0.42274	4.500014	0.056666	0.548606	0.121912	355.3196	1.896557	358.0086	13.57743	376.4321	100.5133	355.3196	1.896557	94.39141	
CANT-PA1-COMP	547.2718	1937.813	1.505079	15.221	4.798596	0.124392	11.37912	0.015224	1.00866	0.088641	97.39966	0.975047	119.046	12.7831	577.6316	247.0336	97.39966	0.975047	16.8619	
CANT-PA1-COMP	640.2674	10647.81	5.862874	13.57815	0.681296	1.682482	1.706041	0.166502	0.55815	0.327161	992.8103	5.135749	1001.922	10.8655	1022.771	32.62864	1022.771	32.62864	97.07063	
CANT-PA1-COMP	567.6461	1540.161	7.610615	14.54059	7.033232	0.104457	11.09389	0.012599	1.165546	0.105062	80.70889	0.934835	100.8825	10.65417	609.2861	239.1522	80.70889	0.934835	13.24647	
CANT-PA1-COMP	210.504	1159.614	3.70476	15.22165	4.031249	0.215352	23.96188	0.029038	1.474371	0.06153	184.5256	2.682023	198.0339	43.13787	363.1082	NA	184.5256	2.682023	50.81836	
CANT-PA1-COMP	2412.083	3829.981	6.989409	19.65561	1.886125	0.100855	3.559661	0.015349	0.6281	0.176449	98.19458	0.612087	97.56542	3.311373	83.22598	83.15674	98.19458	0.612087	117.9855	
CANT-PA1-COMP	111.1415	8786.222	1.142091	7.38137	1.173811	7.380144	1.499919	0.393047	0.682	0.454691	2136.945	12.40458	2158.567	13.41332	2179.942	23.25519	2179.942	23.25519	98.02763	
CANT-PA1-COMP	254.6765	2023.505	1.749197	17.24921	3.673106	0.383344	14.72999	0.054065	0.717048	0.048679	339.4313	2.370918	329.4955	41.46981	260.9132	NA	339.4313	2.370918	130.0935	
CANT-PA1-COMP	800.2405	3049.249	2.212024	15.85675	5.092329	0.132656	8.860024	0.016282	0.925422	0.104449	104.1121	0.955738	126.4819	10.53684	571.431	192.0327	104.1121	0.955738	18.21954	
CANT-PA1-COMP	482.1567	3749.761	1.770569	17.49459	3.477648	0.410559	3.899759	0.055147	0.774986	0.198727	346.0427	2.611076	349.2774	11.52578	371.8013	86.06935	346.0427	2.611076	93.07192	
CANT-PA1-COMP	495.049	2927.897	3.354123	18.31949	3.966947	0.212502	9.991512	0.030673	0.940683	0.094148	194.7595	1.80467	195.6501	17.78222	207.3899	NA	194.7595	1.80467	93.90985	
CANT-PA1-COMP	509.1649	5255.71	7.03526	15.10259	2.893945	0.590668	3.355259	0.067084	0.806986	0.240514	418.5645	3.270435	471.2942	12.65151	737.867	68.92128	418.5645	3.270435	56.72627	
CANT-PA1-COMP	297.6884	4393.831	0.886089	18.03027	3.58281	0.42135	4.197605	0.058103	0.793297	0.188988	364.078	2.808172	357.0156	12.63559	312.3729	93.81258	364.078	2.808172	116.5523	
CANT-PA1-COMP	1312.969	3705.984	2.139995	18.58491	4.240443	0.110454	7.578147	0.015933	1.030049	0.135924	101.8986	1.041354	106.3806	7.653886	208.9358	174.2777	101.8986	1.041354	48.77032	
CANT-PA1-COMP	162.0801	336.8268	2.544365	9.000607	15.22493	0.11012	32.60297	0.011568	3.812151	0.116926	74.14603	2.810366	106.0754	32.85002	900.7903	685.1521	74.14603	2.810366	8.23122	
CANT-PA1-COMP	614.2716	4900.702	2.95199	18.41515	3.222444	0.292919	5.339917	0.041038	0.754917	0.141372	259.266	1.918406	260.8544	12.28462	276.1249	121.1516	259.266	1.918406	93.89446	
CANT-PA1-COMP	583.0762	6179.296	2.119306	19.11262	2.415126	0.39229	2.655701	0.056462	0.666528	0.25098	354.0742	2.296361	336.0412	7.597927	214.0771	59.5315	354.0742	2.296361	165.3956	
CANT-PA1-COMP	1668.935	5040.125	3.080951	18.98716	3.215745	0.082252	5.698029	0.011859	0.615484	0.108017	75.99795	0.465009	80.2603	4.397207	210.0868	131.4149	75.99795	0.465009	36.17454	
CANT-PA1-COMP	193.4424	615.9944	3.085769	11.04053	15.36722	0.168823	26.60909	0.01797	1.850146	0.069531	114.8121	2.105388	158.3969	39.04421	873.6274	559.1464	114.8121	2.105388	13.142	
CANT-PA1-COMP	574.6714	3335.343	2.649206	15.9985	5.275901	0.125985	7.246355	0.015503	1.021527	0.140971	99.17262	1.005323	120.4831	8.232729	565.7439	156.4019	99.17262	1.005323	17.5296	
CANT-PA1-COMP	293.5497	1092.545	2.528048	14.92939	11.98962	0.086629	23.13729	0.011569	2.301776	0.099483	74.15179	1.697029	84.35871	18.73164	384.784	NA	74.15179	1.697029	19.27102	
CANT-PA1-COMP	194.8019	3901.453	1.948419	12.03213	1.747704	1.816729	2.624013	0.163513	0.721521	0.274968	976.27	6.536544	1051.507	17.1863	1212.116	49.656	1212.116	49.656	80.54263	
CANT-PA1-COMP	105.5054	1039.341	1.814068	14.691	15.49848	0.258188	24.94742	0.034297	1.823344	0.073087	217.3879	3.89764	233.2054	52.02661	396.738	NA	217.3879	3.89764	54.79381	
CANT-PA1-COMP	208.7268	1300.644	3.521685	16.17665	8.262879	0.225803	19.57433	0.032135	1.313121	0.067084	203.8936	2.635472	206.728	36.62808	240.1691	NA	203.8936	2.635472	84.89587	
CANT-PA1-COMP	73.63732	363.4081	4.246338	10.04198	12.18781	0.155447	53.46193	0.018754	4.03163	0.075411	119.7794	4.784478	146.7103	73.15743	608.6087	NA	119.7794	4.784478	19.68086	
CANT-PA1-COMP	317.3065	2002.383	3.373871	16.40363	5.451857	0.232411	6.662654	0.031146	0.949329	0.142485	197.7141	1.848466	212.1872	12.75855	377.0127	148.5205	197.7141	1.848466	52.4423	
CANT-PA1-COMP	233.465	885.9798	1.716152	12.25043	14.55466	0.149943	15.85807	0.016499	1.697653	0.107053	105.492	1.776314	141.8612	20.99863	804.4717	332.0425	105.492	1.776314	13.1132	
CANT-PA1-COMP	341.1042	2851.655	2.360393	16.78799	4.087205	0.436267	10.13314	0.057479	0.814014	0.080332	360.2741	2.852236	367.6168	31.26284	415.1363	226.2203	360.2741	2.852236	86.78454	
CANT-PA1-COMP	334.2453	986.35	2.18891	12.46106	12.88194	0.110244	25.07551	0.012019	2.021396	0.080612	77.01702	1.547556	106.1887	25.28754	823.8854	529.5201	77.01702	1.547556	9.348026	
CANT-PA1-COMP	153.1445	813.3925	7.404631	13.0451	11.73354	0.231679	21.54071	0.028196	1.334944	0.061973	179.2506	2.359934	211.5841	41.16398	589.776	471.2804	179.2506	2.359934	30.393	
CANT-PA1-COMP	804.1173	3432.52	0.759205	16.6562	3.206839	0.127377	4.423741	0.016337	0.791879	0.179007	104.4623	0.820548	121.7378	5.075097	474.9323	96.30858	104.4623	0.820548	21.9952	
CANT-PA1-COMP	523.2861	2739.822	4.258619	16.60385	4.307139	0.238858	9.184603	0.03113	0.723028	0.078722	197.6158	1.407139	217.4852	17.98269	439.363	204.1202	197.6158	1.407139	44.97779	
CANT-PA1-COMP	861.1918	5585.082	10.25505	18.19301	2.257475	0.218421	3.267121	0.029888	0.795956	0.243626	189.8497	1.489085	200.5948	5.946991	329.8399	71.88877	189.8497	1.489085	57.55815	
CANT-PA1-COMP	1172.887	3059.793	5.337909	18.92032	3.226433	0.077919	8.441916	0.011604	0.989965	0.117268	74.37254	0.732031	76.18622	6.19629	134.4687	NA	74.37254	0.732031	55.30843	
CANT-PA1-COMP	191.005	7230.21	14.03918	8.883892	1.037867	5.03251	1.554246	0.325201	0.668943	0.430397	1815.078	10.58224	1824.809	13.1662	1836.706	25.40959	1836.706	25.40959	98.82246	
CANT-PA1-COMP	652.8612	1946.819	2.175885	16.48137	5.932384	0.110297	6.716903	0.014845	0.99804	0.148586	94.99157	0.941103	106.237	6.775322	367.3301	149.8151	94.99157	0.941103	25.86	
CANT-PA1-COMP	522.143	3364.98	2.969018	18.38328	3.977826	0.198628	4.692484	0.028399	1.059808	0.225852	180.5201	1.886627	183.9648	7.89583	229.417	105.6384	180.5201	1.886627	78.68643	
CANT-PA1-COMP	1008.316	9750.223	1.649517	18.53575	1.413695	0.406616	3.115863	0.055288	0.654708	0.210121	346.9031	2.211172	346.4353	9.145952	344.2632	68.94365	346.9031	2.211172	100.7668	
CANT-PA1-COMP	359.889	1421.452	2.936292	12.22761	11.35029	0.114107	14.08008	0.011338	1.829425	0.12993	72.67768	1.322117	109.7158	14.64374	1014.613	284.2123	72.67768	1.322117	7.163091	
CANT-PA1-COMP	531.9374	1234.942	3.4169	16.18499	8.383012	0.082656	10.54043	0.011811	1.568424	0.148801	75.69234	1.180234	80.63936	8.171161	230.7576	NA	75.69234	1.180234	32.80166	
CANT-PA1-COMP	858.2937	11133.45	3.205905	19.00074	2.772635	0.220563	3.317121	0.030629	0.59927	0.18066	194.4843	1.14808	202.3786	6.086528	296.3597	74.46761	194.4843	1.14808	65.62442	
CANT-PA1-COMP	486.6948	1406.549	2.977858	15.85882	4.358231	0.121729	8.848956	0.01648	1.244444	0.140632	105.3727	1.300646	116.6387	9.750858	354.0426	198.2065	105.3727	1.300646	29.76272	
CANT-PA1-COMP	155.6812	1246.969	1.324801	14.2705	8.763175	0.234459	14.43581	0.028601	1.942496	0.134561	181.7877	3.481895	213.8729	27.84647	584.7283	311.9492	181.7877	3.481895	31.08926	
CANT-PA1-COMP	242.5092	1421.956	2.515015	14.11238	10.1688	0.264776	13.35418	0.031106	1.142645	0.085565	197.4693	2.222164	238.5083	28.3939	665.8357	286.1082	197.4693	2.222164	29.65737	
CANT-PA1-COMP	410.048	830.6597	3.387359	11.77256	18.15414	0.112922	19.77209	0.011914	1.44703	0.073185	76.35098	1.098305	108.635	20.37301	891.8388	410.9956	76.35098	1.098305	8.561075	
CANT-PA1-COMP	190.8603	11095.43	1.215723	8.852842	0.870485	5.23734	1.317373	0.334405	0.846402	0.642492	1859.695	13.67352	1858.713	11.23228	1858.384	18.2362	1858.384	18.2362	100.0705	
CANT-PA1-COMP	582.7064	1547.897	3.308375	13.8684	10.92791	0.104897	11.98908	0.011926	1.242898	0.103669	76.4276	0.944308	101.2863	11.55779	735.6113	253.2709	76.4276	0.944308	10.38967	
CANT-PA1-COMP	754.2497	4903.641	2.193131	18.8289	3.034817	0.194479	4.686939	0.027689	0.853315	0.182062	176.0658	1.482064	180.4435	7.748562	239.1528	106.3018	176.0658	1.482064	73.62066	
CANT-PA1-COMP	137.9306	585.1038	2.740461	12.5421	10.19494	0.117555	21.61066	0.015267	3.463431	0.160265	97.67573	3.357432	112.8527	23.08576	447.1151	478.9183	97.67573	3.357432	21.84577	
CANT-PA1-COMP	130.9553	864.516	2.374296	14.27236	13.36028	0.226045	20.72637	0.030273	2.011361	0.097044	192.2594	3.809934	206.9285	38.81979	378.4236	NA	192.2594	3.809934	50.80534	
CANT-PA1-COMP	618.5821	1212.673	5.703377	13.83419	7.309938	0.098798	12.53163	0.011657	1.24803	0.09959	74.71437	0.927075	95.66605	11.44157	656.5527	268.4113	74.71437	0.927075	11.3798	
CANT-PA1-COMP	297.0687	1867.926	3.169174	16.16498	5.418674	0.236326	8.251802	0.031228	1.204253	0.145938	198.2312	2.350875	215.4079	16.01747	408.5398	182.9136	198.2312	2.350875	48.52188	
CANT-PA1-COMP	420.581	2105.815	2.221598	16.78908	7.923614	0.193627	14.56008	0.026338	1.042356	0.07159	167.5898	1.724371	179.7191	23.98674	343.3701	330.1851	167.5898	1.724371	48.80734	
CANT-PA1-COMP	112.2923	929.0307	6.329019	11.66124	13.36292	0.30132	19.29949	0.030653	2.559921	0.132642	194.6352	4.908042	267.4303	45.40549	966.7335	393.8903	194.6352	4.908042	20.13328	
CANT-PA1-COMP	483.2299	1462.966	2.570663	14.99901	6.117726	0.12889	11.98768	0.016266	1.064194	0.088774	104.0133	1.09802	123.1	13.89827	510.5433	263.2947	104.0133	1.09802	20.37306	
CANT-PA1-COMP	272.7648	3092.206	3.282406	17.24758	3.518141	0.396418	3.777043	0.053153	0.714387	0.189139	333.8502	2.324278	339.0469	10.8877	375.795	83.48955	333.8502	2.324278	88.83838	
CANT-PA1-COMP	550.6181	2115.692	2.713201	17.68167	5.443008	0.112552	13.39866	0.016248	1.015575	0.075797	103.9013	1.046737	108.2973	13.7642	207.1002	NA	103.9013	1.046737	50.16957	
CANT-PA1-COMP	423.0147	2137.054	2.180895	17.16463	4.404348	0.227123	5.736676	0.031642	1.167347	0.203488	200.8172	2.308097	207.8207	10.7815	288.9683	128.4371	200.8172	2.308097	69.49455	
CANT-PA1-COMP	129.8098	598.2997	4.147227	10.5708	10.54388	0.235361	19.372	0.023848	2.41191	0.124505	151.9303	3.621578	214.6144	37.49228	974.8289	395.3479	151.9303	3.621578	15.58533	
CANT-PA1-COMP	2676.42	11769.73	1.545132	19.96904	2.075494	0.10461	2.75232	0.015341	0.611622	0.222221	98.14209	0.595713	101.0228	2.646633	170.5287	62.66717	98.14209	0.595713	57.55166	
CANT-PA1-COMP	260.5867	1798.861	2.198142	16.40252	4.922304	0.227265	12.14365	0.03087	1.085564	0.089394	195.9908	2.095588	207.9385	22.8374	346.5676	274.4679	195.9908	2.095588	56.55197	
CANT-PA1-COMP	239.3961	8653.385	0.939614	8.887464	0.716111	4.75239	1.447626	0.306687	1.053066	0.727444	1724.382	15.93303	1776.53	12.14425	1839.14	17.98576	1839.14	17.98576	93.76025	
CANT-PA1-COMP	279.4315	1634.524	2.052651	14.65893	7.228489	0.244703	15.5982	0.029531	1.359158	0.087136	187.6128	2.513206	222.2641	31.14682	608.0171	337.8543	187.6128	2.513206	30.8565	
CANT-PA1-COMP	222.1619	6622.862	2.340932	13.98065	1.571582	1.604608	2.639619	0.165626	0.639348	0.242212	987.9657	5.856318	972.0083	16.51338	937.0173	52.52301	937.0173	52.52301	105.4373	
CANT-PA1-COMP	484.2095	1861.22	13.13597	17.22102	2.899894	0.210125	6.233709	0.029986	0.905995	0.145338	190.4637	1.700348	193.6579	10.99111	233.7917	142.4426	190.4637	1.700348	81.46724	
CANT-PA1-COMP	1046.623	4634.592	4.837909	19.40724	2.481852	0.201674	5.048508	0.029866	0.851344	0.168633	189.7114	1.591563	186.5414	8.603319	147.6086	116.7212	189.7114	1.591563	128.5233	
CANT-PA1-COMP	1131.566	8095.436	2.678206	19.57908	1.825241	0.208535	3.564233	0.030108	0.768206	0.215532	191.227	1.447444	192.323	6.244851	206.8006	80.72345	191.227	1.447444	92.46926	
CANT-PA1-COMP	1574.759	3618.153	3.734461	17.98587	4.258735	0.08763	6.538723	0.01207	1.066436	0.163095	77.34255	0.819881	85.29351	5.349337	314.9563	146.8681	77.34255	0.819881	24.5566	
CANT-PA1-COMP	538.2905	3417.277	2.043216	18.76973	2.850526	0.28162	7.136178	0.040822	0.818158	0.114649	257.9274	2.068594	251.942	15.92339	197.592	164.8783	257.9274	2.068594	130.5353	
CANT-PA1-COMP	632.9598	5969.223	1.680493	18.04056	2.431789	0.425006	3.5133	0.056947	0.835582	0.237834	357.0304	2.902174	359.6246	10.63995	377.3529	76.76953	357.0304	2.902174	94.61448	
CANT-PA1-COMP	119.3843	526.0025	4.900147	8.869463	11.94479	0.198938	28.10753	0.016412	5.436754	0.193427	104.9374	5.659007	184.2276	47.39031	1381.458	540.2677	104.9374	5.659007	7.596137	
CANT-PA1-COMP	393.0491	1281.665	2.532956	13.03921	7.636925	0.141002	13.82117	0.015369	2.123411	0.153635	98.32056	2.071909	133.9361	17.34428	824.3183	286.2845	98.32056	2.071909	11.9275	
CANT-PA1-COMP	389.7546	32088.78	3.095012	6.062137	0.565399	10.29569	0.898788	0.44627	0.690555	0.768317	2378.649	13.73616	2461.716	8.318399	2531.762	9.654729	2531.762	9.654729	93.95232	
CANT-PA1-COMP	898.0543	2767.958	10.27558	17.0047	5.432365	0.10173	8.345846	0.01356	0.746613	0.089459	86.82718	0.643917	98.37202	7.824972	389.0328	186.8826	86.82718	0.643917	22.31873	
CANT-PA1-COMP	609.9918	2118.673	3.640293	19.1006	3.783213	0.096663	13.28204	0.015198	0.876838	0.066017	97.23637	0.846208	93.69165	11.88784	5.376269	NA	97.23637	0.846208	1808.622	
CANT-PA1-COMP	173.2038	1148.5	2.095156	13.73121	8.866563	0.236038	10.8757	0.027973	2.441975	0.224535	177.8471	4.283621	215.1711	21.09114	647.21	228.2612	177.8471	4.283621	27.47904	
CANT-PA1-COMP	97.15413	642.1245	2.685981	11.54272	13.92949	0.294983	31.54122	0.032755	1.930831	0.061216	207.7658	3.947649	262.4738	73.07854	785.4382	677.2263	207.7658	3.947649	26.45221	
CANT-PA1-COMP	74.86602	5857.488	0.719524	8.896802	1.45437	5.12662	2.158212	0.330558	0.679187	0.314699	1841.085	10.87731	1840.527	18.33924	1840.669	37.0892	1840.669	37.0892	100.0226	
CANT-PA1-COMP	199.0259	14224.03	1.65375	8.577562	0.731636	5.269201	1.160809	0.323453	0.615321	0.53008	1806.569	9.694445	1863.887	9.906879	1929.189	17.63114	1929.189	17.63114	93.64395	
CANT-PA1-COMP	280.2732	691.9361	2.165325	11.63315	17.10734	0.109622	25.47128	0.011953	1.75477	0.068892	76.59941	1.336189	105.6196	25.55614	823.4898	538.6704	76.59941	1.336189	9.301804	
CANT-PA1-COMP	1259.457	10794.84	2.696645	18.45266	1.526018	0.405335	1.919703	0.054464	0.887301	0.462208	341.8686	2.954373	345.5102	5.622152	371.0307	38.32896	341.8686	2.954373	92.14026	
CANT-PA1-COMP	1143.625	3362.417	7.375453	17.91537	3.646913	0.086403	5.759679	0.011849	1.113566	0.193338	75.93281	0.840601	84.14734	4.651258	325.0031	128.4091	75.93281	0.840601	23.36372	
CANT-PA1-COMP	387.3314	953.4855	3.170478	11.3822	8.515446	0.121634	20.91955	0.011777	1.825061	0.087242	75.47573	1.369446	116.5521	23.0388	1066.885	423.416	75.47573	1.369446	7.074402	

CANT-PA1-COMP	246.6284	2696.614	1.670367	15.81861	5.211712	0.429595	6.491494	0.052415	1.071409	0.165048	329.3305	3.439862	362.8888	19.8096	584.2968	139.1135	329.3305	3.439862	56.36357
CANT-PA1-COMP	160.3061	13557.1	2.107217	8.066779	0.948752	6.344637	1.323767	0.363975	0.879912	0.664703	2000.99	15.13645	2024.644	11.61173	2049.598	17.46877	2049.598	17.46877	97.62841
CANT-PA1-COMP	581.054	4204.331	2.227046	17.67284	3.092078	0.214165	3.477117	0.028593	0.978462	0.281401	181.739	1.753415	197.0419	6.22767	385.407	74.95071	181.739	1.753415	47.15509
CANT-PA1-COMP	1108.467	2945.423	3.023955	18.44669	3.753812	0.102999	5.387741	0.014925	0.913712	0.169591	95.49946	0.866158	99.54112	5.108568	198.4846	123.4247	95.49946	0.866158	48.1143
CANT-PA1-COMP	1335.034	3144.547	2.691261	18.54178	3.48388	0.103353	6.815453	0.014964	1.029858	0.151106	95.74987	0.978801	99.8666	6.482444	200.2723	156.5999	95.74987	0.978801	47.80984
CANT-PA1-COMP	718.7644	3752.019	3.109242	18.95446	2.086492	0.209026	5.779446	0.03052	0.63088	0.109159	193.8041	1.204475	192.735	10.14601	180.6542	133.9793	193.8041	1.204475	107.279
CANT-PA1-COMP	98.57664	4316.136	1.206541	8.253803	1.667117	5.947765	2.567856	0.359232	0.547682	0.213284	1978.531	9.331004	1968.239	22.32437	1958.2	44.78962	1958.2	44.78962	101.0383
CANT-PA1-COMP	440.6541	1399.772	3.386529	15.50929	5.336733	0.126171	15.82354	0.016654	1.069071	0.067562	106.4744	1.128938	120.6512	18.00255	410.9963	355.0094	106.4744	1.128938	25.90641
CANT-PA1-COMP	1213.438	3806.636	2.002237	19.54807	2.232179	0.099359	7.812893	0.015022	0.651163	0.083345	96.11847	0.621245	96.18421	7.16994	98.85688	NA	96.11847	0.621245	97.22992
CANT-PA1-COMP	433.9276	17175.37	2.907356	9.373232	0.637817	4.497041	0.925983	0.302825	0.630541	0.680943	1705.301	9.447947	1730.426	7.691994	1761.722	12.39722	1761.722	12.39722	96.79741
CANT-PA1-COMP	535.8168	1534.345	3.666085	18.20397	3.363433	0.10169	19.82173	0.016012	0.937062	0.047274	102.4002	0.951973	98.33554	18.57977	1.886732	NA	102.4002	0.951973	5427.385
CANT-PA1-COMP	1561.809	2888.356	2.747456	18.87563	3.153085	0.079585	10.23103	0.011855	0.664011	0.064902	75.97434	0.501517	77.75509	7.658326	133.8537	NA	75.97434	0.501517	56.75925
CANT-PA1-COMP	787.4703	2002.907	2.226267	18.37868	3.864135	0.099641	7.496484	0.015105	0.683678	0.0912	96.64715	0.655826	96.44531	6.897364	92.48883	NA	96.64715	0.655826	104.496
CANT-PA1-COMP	1037.819	2609.317	4.284663	17.92424	4.650773	0.111325	5.344769	0.01576	0.698237	0.130639	100.8007	0.698354	107.1771	5.436457	252.3386	121.9655	100.8007	0.698354	39.94663
CANT-PA1-COMP	2454.049	8580.875	8.194934	20.34016	1.575107	0.102404	2.042437	0.015322	0.63205	0.309459	98.02033	0.614851	98.99285	1.926436	123.4808	45.74568	98.02033	0.614851	79.38101
CANT-PA1-COMP	78.067	572.0337	4.214617	11.14445	9.128533	0.295511	17.44829	0.032517	2.375526	0.136147	206.2836	4.822747	262.8876	40.43377	804.4417	364.4935	206.2836	4.822747	25.64308
CANT-PA1-COMP	459.6597	2710.135	2.456214	17.11252	6.657648	0.218744	8.234398	0.029284	0.825841	0.100292	186.0655	1.514641	200.864	15.00781	379.3187	184.5162	186.0655	1.514641	49.05256
CANT-PA1-COMP	527.867	3910.698	2.514203	18.11014	2.160311	0.412491	4.45152	0.05708	0.723282	0.16248	357.8459	2.51771	350.6673	13.20053	304.3682	100.1332	357.8459	2.51771	117.5701
CANT-PA1-COMP	378.5686	3601.882	1.832991	18.69924	2.921234	0.398628	4.70617	0.057475	0.695035	0.147686	360.2507	2.43519	340.653	13.62039	209.9787	107.9569	360.2507	2.43519	171.5654
CANT-PA1-COMP	1162.792	3027.167	2.590902	18.40598	4.416171	0.082356	6.428419	0.011859	0.978435	0.152205	75.99653	0.739211	80.35756	4.96664	213.0033	147.3095	75.99653	0.739211	35.67857
CANT-PA1-COMP	224.0288	1592.499	10.31783	17.25272	7.402276	0.224856	14.94542	0.032918	1.240983	0.083034	208.7854	2.549482	205.9436	27.8655	174.5362	NA	208.7854	2.549482	119.623
CANT-PA1-COMP	960.901	5658.437	2.146823	18.80467	1.365608	0.363092	2.730552	0.051179	0.769297	0.281737	321.7554	2.414497	314.5208	7.385495	262.2272	60.17493	321.7554	2.414497	122.701
CANT-PA1-COMP	355.222	2792.966	2.413553	17.87919	3.978767	0.204033	6.698699	0.02871	1.039896	0.155238	182.4682	1.870877	188.5329	11.52659	266.2014	151.9837	182.4682	1.870877	68.54519
CANT-PA1-COMP	395.7175	1100.49	4.08283	14.40139	5.131944	0.118691	19.58154	0.015066	1.438879	0.073481	96.39698	1.376717	113.8842	21.09821	497.8111	433.9369	96.39698	1.376717	19.36417
CANT-PA1-COMP	153.1434	830.8338	4.123133	14.49732	8.755711	0.233076	16.75321	0.032296	1.392729	0.083132	204.9014	2.808845	212.7344	32.16475	301.3832	NA	204.9014	2.808845	67.98699
CANT-PA1-COMP	224.4873	1831.96	1.301219	16.64131	4.718823	0.399212	6.331182	0.054634	0.994114	0.157019	342.9115	3.319849	341.0767	18.3435	329.5769	141.9702	342.9115	3.319849	104.046
CANT-PA1-COMP	309.6071	302.1677	2.798802	12.3841	16.24004	0.119806	154.4682	0.027609	1.619675	0.010485	175.5644	2.8052	114.8965	169.3586	NA	NA	175.5644	2.8052	
CANT-PA1-COMP	134.3914	7524.735	3.337482	8.813522	0.920397	5.190876	1.387386	0.331449	0.831554	0.599368	1845.403	13.34448	1851.121	11.81232	1858.321	20.0625	1858.321	20.0625	99.30483
CANT-PA1-COMP	1279.859	2788.525	2.388307	18.53921	3.468621	0.102537	4.365882	0.015027	0.907876	0.207948	96.14739	0.866422	99.11548	4.122795	172.1038	99.69688	96.14739	0.866422	55.86594
CANT-PA1-COMP	723.8078	1744.747	1.235914	16.90381	5.227352	0.118391	17.14695	0.016639	1.017617	0.059347	106.378	1.073638	113.6125	18.43277	268.9474	NA	106.378	1.073638	39.55347
CANT-PA1-COMP	46.85126	2837.815	1.839538	8.353784	2.64769	5.761622	4.592435	0.355515	1.171425	0.255077	1960.88	19.80559	1940.664	39.75472	1919.919	79.66519	1919.919	79.66519	102.1335
CANT-PA1-COMP	177.8343	1168.681	2.816642	14.15276	7.434127	0.236264	18.71941	0.028793	1.623214	0.086713	182.991	2.928573	215.3566	36.34075	586.8467	407.8916	182.991	2.928573	31.18207
CANT-PA1-COMP	522.134	1212.475	1.861466	16.08979	5.41046	0.102961	21.482	0.014603	1.346506	0.062681	93.45899	1.249353	99.5059	20.36458	247.9045	NA	93.45899	1.249353	37.6996
CANT-PA1-COMP	678.0284	4279.22	3.756356	18.45063	2.64243	0.29769	6.407108	0.041596	0.873057	0.136264	262.7179	2.247567	264.5943	14.92507	282.2583	145.3418	262.7179	2.247567	93.07712
CANT-PA1-COMP	250.9289	1474.223	3.920052	17.46192	3.994829	0.202112	8.029022	0.030336	1.298891	0.161775	192.6494	2.465286	186.9117	13.70774	116.0363	NA	192.6494	2.465286	166.0251
CANT-PA1-COMP	141.0226	967.4072	1.803574	12.16801	13.99118	0.267425	20.74877	0.028251	2.624802	0.126504	179.5916	4.648867	240.6325	44.48148	889.2645	429.5108	179.5916	4.648867	20.19552
CANT-PA1-COMP	671.2447	1529.659	3.571711	14.97188	2.8663	0.094721	7.025608	0.011833	1.277383	0.181818	75.83064	0.962973	91.89147	6.172498	532.9177	151.4521	75.83064	0.962973	14.22933
CANT-PA1-COMP	374.2328	3168.208	2.578391	17.34977	5.187053	0.212519	7.047159	0.028673	0.932213	0.132282	182.2387	1.675065	195.6643	12.54225	361.77	157.7309	182.2387	1.675065	50.37418
CANT-PA1-COMP	272.4781	841.7736	3.741503	13.39268	7.621322	0.095894	21.14286	0.011961	2.704707	0.127925	76.64688	2.060798	92.97874	18.7873	536.2802	463.5336	76.64688	2.060798	14.29232
CANT-PA1-COMP	148.5346	554.7406	2.294867	9.831187	19.85143	0.170569	21.1656	0.016024	2.95495	0.139611	102.4792	3.004267	159.9127	31.32576	1127.244	422.0815	102.4792	3.004267	9.09113
CANT-PA1-COMP	309.5146	2174.395	4.594853	17.47523	4.429463	0.207425	6.340119	0.029342	1.098656	0.173286	186.4299	2.018889	191.3899	11.05977	254.0328	143.7118	186.4299	2.018889	73.38813
CANT-PA1-COMP	464.2072	2887.501	1.975733	18.44014	2.025379	0.366869	4.271151	0.053299	0.699751	0.163832	334.7433	2.282593	317.3303	11.64067	192.3961	98.02207	334.7433	2.282593	173.9866
CANT-PA1-COMP	231.0948	1856.738	1.969669	13.76043	11.08125	0.281182	14.94578	0.030928	1.30207	0.08712	196.3562	2.51815	251.5944	33.31811	805.2621	313.3216	196.3562	2.51815	24.38414
CANT-PA1-COMP	210.4065	1494.978	2.810876	15.36297	6.936185	0.231713	11.98202	0.0299	1.564	0.130529	189.9213	2.92704	211.6118	22.8915	461.4462	264.1902	189.9213	2.92704	41.15785
CANT-PA1-COMP	573.2402	4687.56	1.603404	17.49035	2.986222	0.233868	5.670545	0.030926	0.816109	0.143921	196.3413	1.578203	213.3868	10.91374	406.9056	125.665	196.3413	1.578203	48.25231
CANT-PA1-COMP	542.8128	3455.289	1.646398	17.68218	3.728012	0.212397	6.828395	0.029052	0.710993	0.104123	184.614	1.293976	195.5622	12.14711	330.8056	154.2134	184.614	1.293976	55.8074
CANT-PA1-COMP	122.3347	132.5807	3.897292	7.275045	30.2452	0.060585	448.9263	0.019077	3.335689	0.00743	121.8197	4.025374	59.72581	266.3362	NA	NA	121.8197	4.025374	
CANT-PA1-COMP	282.2553	1637.37	2.361823	16.00248	5.132473	0.246449	13.26494	0.032928	0.870904	0.065655	208.8447	1.78969	223.6878	26.63715	383.7826	298.5809	208.8447	1.78969	54.41744
CANT-PA1-COMP	267.8224	1613.783	6.188349	16.55462	4.643427	0.262354	6.999892	0.036581	0.856967	0.122426	231.608	1.949571	236.5618	14.77263	287.0259	158.9541	231.608	1.949571	80.69234
CANT-PA1-COMP	189.693	795.1643	2.380852	12.35737	12.88508	0.268685	14.08305	0.030466	1.720272	0.122152	193.4623	3.278636	241.6419	30.29319	741.3187	297.0133	193.4623	3.278636	26.09705
CANT-PA1-COMP	65.49542	366.8918	2.653633	9.791415	16.03332	0.289289	37.10802	0.032717	3.297434	0.08886	207.5278	6.734118	257.9994	84.73945	746.8291	807.7165	207.5278	6.734118	27.78786
CANT-PA1-COMP	176.4501	5038.569	1.83891	5.444996	0.619975	11.00529	1.0425	0.430771	0.808338	0.775384	2309.191	15.68874	2523.579	9.703939	2701.511	10.86994	2701.511	10.86994	85.47778
CANT-PA1-COMP	339.9892	1149.421	1.84105	12.02411	10.31328	0.123251	12.94585	0.012366	1.760337	0.135977	79.22519	1.386095	118.015	14.42457	994.9611	261.6921	79.22519	1.386095	7.962642
CANT-PA1-COMP	319.8951	1663.477	2.420295	17.39211	3.973841	0.221691	8.941929	0.032323	1.135487	0.126985	205.0726	2.291924	203.3158	16.47727	183.9832	NA	205.0726	2.291924	111.4627
CANT-PA1-COMP	329.4368	19830.58	1.976037	9.307889	0.70842	4.26088	0.958945	0.283122	0.628456	0.655362	1607.067	8.939203	1685.839	7.886295	1786.055	13.19977	1786.055	13.19977	89.97857
CANT-PA1-COMP	266.4943	13882.04	1.784836	9.133141	0.821905	4.812168	1.071336	0.316888	0.600854	0.560846	1774.511	9.320604	1787.027	9.006779	1802.448	16.13224	1802.448	16.13224	98.45007
CANT-PA1-COMP	40.39584	2131.412	2.59055	8.955826	3.592794	4.713006	4.313501	0.320848	0.762927	0.176869	1793.87	11.94671	1769.554	36.14736	1741.76	77.83486	1741.76	77.83486	102.9918
CANT-PA1-COMP	470.7994	1682.414	2.440468	14.7057	11.66365	0.121275	13.58236	0.014642	1.078038	0.07937	93.70363	1.002854	116.2272	14.91747	607.0855	294.0043	93.70363	1.002854	15.435
CANT-PA1-COMP	117.4259	1593.897	1.597382	15.9127	9.068991	0.402226	13.69768	0.053704	1.951216	0.142449	337.2191	6.410737	343.2612	39.9165	385.3271	305.8072	337.2191	6.410737	87.51501
CANT-PA1-COMP	156.975	469.7403	2.934176	7.951334	13.00404	0.157192	19.65264	0.011703	4.54902	0.231471	75.00724	3.39232	148.2425	27.11313	1575.965	361.2243	75.00724	3.39232	4.759447
CANT-PA1-COMP	316.2229	2096.475	2.824807	17.71175	4.906854	0.226642	7.519312	0.032945	1.072423	0.142623	208.9541	2.204944	207.4232	14.1078	191.1007	173.316	208.9541	2.204944	109.3424
CANT-PA1-COMP	316.8283	1740.662	3.44691	16.1112	6.155757	0.198642	9.9526	0.026606	0.988096	0.09928	169.2717	1.650798	183.9765	16.74894	378.2024	223.2068	169.2717	1.650798	44.75692
CANT-PA1-COMP	239.6248	1302.203	2.866215	14.50689	7.414804	0.130082	10.99213	0.016259	2.961654	0.269434	103.9696	3.054523	124.1718	12.84824	531.717	232.4248	103.9696	3.054523	19.55356
CANT-PA1-COMP	37.94167	519.7042	1.312706	9.582161	15.33709	0.462948	23.59625	0.043251	5.56123	0.235683	272.9497	14.86252	386.3061	75.96007	1138.35	462.1022	272.9497	14.86252	23.97766
CANT-PA1-COMP	820.3295	2887.547	2.378683	17.50332	3.111794	0.091853	8.66709	0.012704	0.832942	0.096104	81.38151	0.6736	89.22795	7.403543	305.5078	196.875	81.38151	0.6736	26.63811
CANT-PA1-COMP	576.5175	1726.416	1.71733	15.98149	6.493689	0.12376	15.73229	0.01647	1.032734	0.065644	105.3078	1.078714	118.4754	17.59434	392.6678	354.1131	105.3078	1.078714	26.81854
CANT-PA1-COMP	113.3007	4887.492	2.443989	8.811774	1.27135	5.029219	2.369424	0.327005	0.633208	0.267241	1823.848	10.05881	1824.255	20.07098	1825.492	41.41622	1825.492	41.41622	99.90995
CANT-PA1-COMP	1297.963	3643.919	2.413583	19.46907	2.013166	0.100438	3.471385	0.015273	0.825059	0.237674	97.7101	0.800087	97.18054	3.217114	85.2602	80.0022	97.7101	0.800087	114.6022
CANT-PA1-COMP	1345.45	3615.929	1.905311	18.32947	3.656324	0.103717	8.227085	0.014614	0.703846	0.085552	93.52546	0.653523	100.2014	7.850109	263.0818	188.475	93.52546	0.653523	35.54995
CANT-PA1-COMP	143.9234	785.6132	1.955419	12.62447	13.0238	0.255987	17.06052	0.029975	2.603177	0.152585	190.3896	4.883708	231.4277	35.32073	672.9283	363.0416	190.3896	4.883708	28.29271
CANT-PA1-COMP	472.9563	1690.48	9.625358	15.02173	8.165008	0.099469	15.60438	0.012211	1.57367	0.100848	78.23859	1.223775	96.28577	14.33537	571.0117	339.6136	78.23859	1.223775	13.70175
CANT-PA1-COMP	402.3481	1050.205	2.82535	14.37355	8.017852	0.092289	12.74406	0.011796	2.079535	0.163177	75.59741	1.562893	89.63318	10.93367	482.528	278.6937	75.59741	1.562893	15.66695
CANT-PA1-COMP	161.0901	1398.523	1.232819	15.49464	7.185088	0.218046	13.37759	0.029006	1.339892	0.100159	184.322	2.434743	200.2821	24.32064	393.587	299.7484	184.322	2.434743	46.83133
CANT-PA1-COMP	171.3865	549.2368	4.169711	8.15693	18.7932	0.161581	19.68893	0.01191	3.454644	0.175461	76.32359	2.621161	152.0858	27.81637	1594.727	365.4233	76.32359	2.621161	4.785997
CANT-PA1-COMP	254.1985	2578.709	4.879733	17.47949	5.298205	0.413113	10.54584	0.057562	1.145745	0.108644	360.7804	4.02008	351.1143	31.31414	288.6458	240.1692	360.7804	4.02008	124.9907
CANT-PA1-COMP	202.6375	11946.85	1.914584	8.852968	0.855056	5.142265	1.181011	0.330167	0.776854	0.657788	1839.189	12.43041	1843.117	10.03977	1848.327	16.08854	1848.327	16.08854	99.5056
CANT-PA1-COMP	147.1149	1284.508	1.696171	11.47531	6.282026	0.334781	14.99725	0.031596	2.120337	0.141382	200.5285	4.186429	293.2096	38.2118	1118.123	297.7821	200.5285	4.186429	17.93438
CANT-PA1-COMP	465.9778	2341.843	2.258255	15.28649	8.22438	0.140417	11.57572	0.017028	1.083795	0.093627	108.8443	1.169746	133.4155	14.47319	597.5707	250.3786	108.8443	1.169746	18.21446
CANT-PA1-COMP	235.6393	1449.376	7.132218	15.96669	7.017236	0.24812	8.523831	0.033915	0.955617	0.112111	215.0059	2.020747	225.0481	17.20727	332.3492	192.3847	215.0059	2.020747	64.69277
CANT-PA1-COMP	764.8584	2251.399	3.460765	19.38575	3.014746	0.176629	7.349005	0.028109	1.023355	0.139251	178.7016	1.803637	165.1556	11.20207	NA	NA	178.7016	1.803637	
CANT-PA1-COMP	413.7302	2092.438	3.885558	17.68537	4.612563	0.212101	14.29004	0.030685	1.245216	0.087139	194.8366	2.38984	195.3143	25.39557	202.1215	NA	194.8366	2.38984	96.39578
CANT-PA1-COMP	449.8311	1705.16	1.120326	16.5741	6.342374	0.119436	11.22033	0.016541	1.158529	0.103253	105.7569	1.215228	114.5606	12.15605	302.5457	255.1135	105.7569	1.215228	34.95567
CANT-PA1-COMP	181.612	1583.979	2.155185	16.41633	5.940472	0.216893	10.31757	0.030079	1.786532	0.173154	191.0419	3.362949	199.3203	18.67449	299.4148	232.2916	191.0419	3.362949	63.80512
CANT-PA1-COMP	339.1716	4220.63	1.528436	17.99174	3.218368	0.392585	6.234011	0.0539	0.864769	0.138718	338.4197	2.851058	336.2557	17.84653	322.327	140.3582	338.4197	2.851058	104.9927
CANT-PA1-COMP	124.7209	1409.872	3.542927	14.59736	9.090127	0.325656	10.6218	0.039995	2.569999	0.241955	252.8011	6.371245	286.2437	26.50052	570.0733	224.8035	252.8011	6.371245	44.34538
CANT-PA1-COMP	373.6074	2264.553	2.100086	17.32694	3.615719	0.217607	6.002809	0.030356	1.046746	0.174376	192.7749	1.987991	199.9165	10.8935	286.0348	135.2342	192.7749	1.987991	67.39559
CANT-PA1-COMP	159.9965	11741	1.087736	8.219198	1.043439	6.08668	1.313126	0.360914	0.732556	0.557872	1986.502	12.52369	1988.34	11.45229	1991.011	19.38001	1991.011	19.38001	99.77353
CANT-PA1-COMP	702.1118	1852.981	3.023898	16.4476	5.281723	0.121116	7.054652	0.016367	0.835847	0.118482	104.6523	0.867671	116.0829	7.738617	358.2224	158.2723	104.6523	0.867671	29.21433
CANT-PA1-COMP	122.1041	611.8174	2.57517	14.7044	8.365487	0.187386	55.36105	0.030556	2.066133	0.037321	194.0256	3.949099	174.3965	88.93824	NA	NA	194.0256	3.949099	
CANT-PA1-COMP	227.8568	16807.89	1.849661	8.066546	0.657819	6.158765	1.081926	0.356766	0.635163	0.587066	1966.828	10.76669	1998.617	9.451391	2032.4	15.50061	2032.4	15.50061	96.77365
CANT-PA1-COMP	659.0315	1663.565	3.200819	15.90682	4.194761	0.086297	15.17872	0.01139	1.209869	0.079708	73.00666	0.878302	84.04791	12.24427	411.2468	340.052	73.00666	0.878302	17.75252
CANT-PA1-COMP	215.0888	764.1954	3.021105	10.52119	16.98615	0.128385	26.68172	0.011985	2.491299	0.093371	76.80412	1.902067	122.6451	30.83422	1139.783	537.6657	76.80412	1.902067	6.738484
CANT-PA1-COMP	176.2576	11796.37	2.374896	8.926307	0.829442	5.105789	1.18559	0.328567	0.647361	0.546024	1831.432	10.32062	1837.069	10.067	1844.234	17.97351	1844.234	17.97351	99.30584
CANT-PA1-COMP	104.5136	328.1778	2.457442	7.52422	13.71973	0.148879	43.4799	0.011775	5.17136	0.118937	75.46448	3.879787	140.9218	57.27144	1461.965	863.2763	75.46448	3.879787	5.161852
CANT-PA1-COMP	786.4929	7585.914	1.824959	18.46943	1.955316	0.414502	3.495764	0.05678	0.58666	0.16782	356.0137	2.031963	352.1122	10.40185	327.4492	78.23157	356.0137	2.031963	108.7233
CANT-PA1-COMP	148.2795	16550.93	4.718175	4.666261	0.605558	16.38407	0.852136	0.548607	0.548941	0.644193	2819.375	12.53615	2899.482	8.154901	2956.28	10.51815	2956.28	10.51815	95.36901
CANT-PA1-COMP	494.6923	1621.138	2.725834	14.72115	8.044296	0.134134	8.677114	0.016273	1.103774	0.127205	104.0565	1.139328	127.8059	10.42068	596.6528	186.7585	104.0565	1.139328	17.44004
CANT-PA1-COMP	303.6625	743.235	2.588196	11.59607	10.46457	0.126829	17.87956	0.013568	2.206697	0.12342	86.87539	1.904217	121.244	20.43643	863.2653	370.8158	86.87539	1.904217	10.06358
CANT-PA1-COMP	1017.059	2774.419	2.865931	17.40889	7.519504	0.11176	11.81978	0.015356	0.963681	0.081531	98.23762	0.93952	107.5745	12.06526	320.5936	268.4774	98.23762	0.93952	30.64241
CANT-PA1-COMP	156.0887	735.28	4.894777	11.57495	10.41891	0.286465	14.45126	0.030738	2.34023	0.16194	195.1656	4.498879	255.7734	32.68583	856.9514	297.5235	195.1656	4.498879	22.77441
CANT-PA1-COMP	441.3993	2515.535	3.1278	18.24918	2.933512	0.207407	6.141642	0.030385	0.822719	0.133958	192.9586	1.563984	191.3746	10.71274	172.8732	142.1422	192.9586	1.563984	111.6186
CANT-PA1-COMP	365.491	767.3853	2.701513	13.03188	9.918478	0.094464	13.33045	0.01173	1.676006	0.125728	75.17943	1.252693	91.65326	11.68312	545.9137	290.0931	75.17943	1.252693	13.7713
CANT-PA1-COMP	514.2804	548.9644	2.011729	14.34292	5.570958	0.082608	34.51129	0.013883	1.497352	0.043387	88.87847	1.321691	80.59359	26.74488	NA	NA	88.87847	1.321691	
CANT-PA1-COMP	198.4359	11441.73	2.874868	8.446706	0.843699	5.60426	1.352607	0.342836	0.712564	0.526808	1900.297	11.7275	1916.754	11.65507	1935.368	20.57913	1935.368	20.57913	98.18788

CANT-PA1-COMP	596.4893	2334.471	1.711435	16.1118	6.620382	0.152504	9.774797	0.019583	1.214416	0.12424	125.0228	1.503669	144.1201	13.13409	472.2289	215.06	125.0228	1.503669	26.47505
CANT-PA1-COMP	626.5461	3877.853	1.693667	17.64227	2.48078	0.230769	3.424529	0.031297	0.894953	0.261336	198.6617	1.750812	210.8332	6.519848	350.1059	74.73566	198.6617	1.750812	56.74333
CANT-PA1-COMP	502.6029	6296.002	2.037658	18.33109	2.15355	0.408807	2.795754	0.056163	0.675867	0.241748	352.25	2.316865	348.0155	8.237682	320.8598	61.65005	352.25	2.316865	109.7832
CANT-PA1-COMP	119.5738	762.9684	1.894088	14.53648	9.431092	0.179971	20.83802	0.026081	2.124576	0.101957	165.9732	3.48122	168.036	32.28232	198.2166	NA	165.9732	3.48122	83.73323
CANT-PA1-COMP	720.7105	44613.04	10.59265	8.511355	0.594088	5.584512	0.908947	0.341924	0.648	0.712912	1895.917	10.64375	1913.713	7.827782	1933.817	11.41023	1933.817	11.41023	98.04012
CANT-PA1-COMP	853.1724	7106.087	1.687694	17.7578	1.307444	0.433551	2.053656	0.057521	0.702779	0.342208	360.5292	2.464173	365.695	6.30653	399.5355	43.24309	360.5292	2.464173	90.23709
CANT-PA1-COMP	549.4147	3596.686	2.516169	17.50288	5.375751	0.209921	7.623641	0.028504	0.836646	0.109744	181.1765	1.494704	193.4866	13.43127	347.3953	171.5811	181.1765	1.494704	52.15284
CANT-PA1-COMP	464.8974	1346.568	1.931291	14.68692	5.317088	0.127262	11.3861	0.016013	1.122878	0.098618	102.4057	1.140806	121.6343	13.05276	517.1048	249.4781	102.4057	1.140806	19.80367
CANT-PA1-COMP	920.9965	3269.493	2.719946	18.03285	4.47194	0.103076	8.14551	0.014587	0.833438	0.102319	93.35483	0.772448	99.61172	7.728737	253.0745	186.6088	93.35483	0.772448	36.88827
CANT-PA1-COMP	498.5539	1549.347	3.226473	16.83645	9.160864	0.110239	21.06793	0.01592	1.025655	0.048683	101.8202	1.03612	106.1844	21.24396	206.2426	NA	101.8202	1.03612	49.36915
CANT-PA1-COMP	223.5533	1755.849	2.646052	15.35879	7.308104	0.244577	9.810267	0.031023	0.941479	0.095969	196.9459	1.826166	222.1614	19.57754	499.3701	215.5084	196.9459	1.826166	39.43887
CANT-PA1-COMP	178.157	528.7625	4.724776	12.99103	10.0653	0.117566	35.14306	0.017245	4.644075	0.132148	110.2237	5.075357	112.8633	37.55582	169.8975	NA	110.2237	5.075357	64.87656
CANT-PA1-COMP	816.1558	31943.6	3.99855	12.60292	0.575884	2.134414	0.93237	0.194927	0.651473	0.698728	1148.012	6.850873	1160.017	6.44683	1183.386	13.1813	1183.386	13.1813	97.01075
CANT-PA1-COMP	219.1743	617.832	3.09744	8.510373	17.33831	0.153108	19.66345	0.011599	2.923814	0.148693	74.34383	2.161189	144.6521	26.51645	1543.341	369.0731	74.34383	2.161189	4.81707
CANT-PA1-COMP	176.0614	569.0058	2.783767	10.10232	13.9294	0.16323	30.48448	0.015895	3.196154	0.104845	101.6585	3.223676	153.5264	43.4618	1055.419	624.6621	101.6585	3.223676	9.632049
CANT-PA1-COMP	739.8925	2118.66	2.751172	16.29168	6.122831	0.092932	11.46805	0.012279	1.019567	0.088905	78.67077	0.797227	90.23063	9.901563	408.8052	256.2789	78.67077	0.797227	19.24407
CANT-PA1-COMP	595.537	1336.092	5.49158	17.32912	6.33459	0.073537	20.36934	0.011347	0.965632	0.047406	72.73605	0.698415	72.05012	14.16845	50.38856	NA	72.73605	0.698415	144.3503
CANT-PA1-COMP	225.9605	9900.918	2.151695	8.040017	0.733343	5.742989	1.118923	0.335965	0.611426	0.546441	1867.229	9.911995	1937.862	9.676735	2014.998	16.61783	2014.998	16.61783	92.66655
CANT-PA1-COMP	371.3038	1094.058	4.085505	14.84167	7.424805	0.113853	15.10125	0.015167	1.256183	0.083184	97.03634	1.209825	109.4837	15.67448	390.4342	339.4432	97.03634	1.209825	24.85344
CANT-PA1-COMP	405.8664	1533.23	5.482037	15.54682	5.924591	0.118259	10.46843	0.015528	1.557558	0.148786	99.32766	1.535228	113.4928	11.24145	422.7884	231.5708	99.32766	1.535228	23.49347
CANT-PA1-COMP	728.7099	9576.858	1.729558	18.35171	2.468805	0.440497	2.832182	0.059825	0.684303	0.241617	374.5591	2.49008	370.6027	8.794119	346.9418	62.14517	374.5591	2.49008	107.9602
CANT-PA1-COMP	80.25918	6006.545	1.235562	8.037278	1.316913	6.26588	1.696671	0.36881	0.697906	0.411339	2023.798	12.12202	2013.697	14.85773	2004.111	27.46127	2004.111	27.46127	100.9823
CANT-PA1-COMP	175.5498	511.8424	4.401338	13.01668	6.757166	0.097636	26.36743	0.01463	2.636364	0.099986	93.62574	2.450478	94.59186	23.81931	120.0714	NA	93.62574	2.450478	77.97505
CANT-PA1-COMP	1143.349	2467.269	3.818295	17.87002	4.352965	0.103843	7.299657	0.01494	0.738893	0.101223	95.59908	0.701163	100.3173	6.972815	214.9551	168.3664	95.59908	0.701163	44.47398
CANT-PA1-COMP	236.8647	655.0617	1.742531	14.04599	11.56436	0.098285	20.77613	0.014502	1.792841	0.086293	92.81381	1.652083	95.19224	18.88068	156.2159	NA	92.81381	1.652083	59.41381
CANT-PA1-COMP	303.11	13227.68	1.815976	8.154859	0.610636	5.996361	0.897744	0.354094	0.593578	0.661188	1954.12	10.00613	1975.316	7.812796	1998.344	11.96579	1998.344	11.96579	97.78701
CANT-PA1-COMP	293.0852	2090.303	2.947655	15.42347	5.852812	0.245122	8.547431	0.030418	1.653199	0.193415	193.1627	3.145995	222.6061	17.08744	547.443	183.4909	193.1627	3.145995	35.28453
CANT-PA1-COMP	273.5681	13375.21	2.812158	4.907964	0.578053	12.70737	0.962247	0.449882	0.760732	0.790579	2394.73	15.21658	2658.205	9.057942	2866.003	9.584243	2866.003	9.584243	83.55642
CANT-PA1-COMP	1099.984	3337.228	2.021362	18.68273	3.435381	0.103087	4.725602	0.015075	0.902298	0.190938	96.45337	0.863818	99.62153	4.484175	177.1065	108.2253	96.45337	0.863818	54.46066
CANT-PA1-COMP	68.80478	2974.808	2.114459	9.3701	2.800894	3.337009	3.842158	0.235101	1.410815	0.367193	1361.18	17.31179	1489.755	30.02609	1678.654	66.03271	1678.654	66.03271	81.08763
CANT-PA1-COMP	163.3636	995.502	3.852426	15.25045	7.821699	0.228644	28.44196	0.032308	1.457685	0.051251	204.9775	2.940924	209.0786	53.79341	256.5521	NA	204.9775	2.940924	79.89705
CANT-PA1-COMP	73.05398	4518.878	1.849434	8.774992	1.856787	4.976489	2.125924	0.32208	0.593117	0.278993	1799.877	9.314605	1815.336	17.97628	1833.897	36.99202	1833.897	36.99202	98.14493
CANT-PA1-COMP	534.556	1259.609	4.738719	16.48441	6.127419	0.084072	12.83523	0.012331	1.968577	0.153373	79.00585	1.545799	81.96654	10.10749	170.1143	NA	79.00585	1.545799	46.4428
CANT-PA1-COMP	682.2691	2881.851	2.571099	16.17167	7.202217	0.096446	8.233789	0.01221	1.351561	0.164148	78.23311	1.050978	93.49072	7.354201	503.6387	179.0098	78.23311	1.050978	15.53358
CANT-PA1-COMP	175.4721	672.0203	2.728892	14.2395	7.284594	0.204331	27.04357	0.030383	1.972738	0.072947	192.9455	3.749911	188.784	46.62155	138.0848	NA	192.9455	3.749911	139.7298
CANT-PA1-COMP	119.6871	263.8881	3.174674	10.03036	14.41277	0.087852	63.57189	0.014514	2.621924	0.041243	92.88787	2.417987	85.50006	52.17435	NA	NA	92.88787	2.417987	
CANT-PA1-COMP	532.0059	1154.759	2.149795	15.99557	6.114952	0.106426	12.83815	0.01536	1.783802	0.138945	98.26726	1.739601	102.6904	12.53944	207.6055	NA	98.26726	1.739601	47.33365
CANT-PA1-COMP	396.1562	2199.151	3.130844	16.60704	5.254117	0.217411	9.893752	0.029159	0.988761	0.099938	185.2837	1.805936	199.7523	17.94236	375.1707	221.9845	185.2837	1.805936	49.38651
CANT-PA1-COMP	836.6844	3215.833	2.157253	16.75683	5.004859	0.114046	6.629909	0.014892	0.934924	0.141016	95.29465	0.88438	109.6599	6.891623	435.0212	146.2865	95.29465	0.88438	21.90575
CANT-PA1-COMP	416.3273	984.6155	2.858068	16.75131	5.755685	0.189723	18.38487	0.03064	1.208483	0.065733	194.5547	2.316036	176.3925	29.77749	NA	NA	194.5547	2.316036	
CANT-PA1-COMP	226.9764	592.2481	1.944146	11.77495	12.26458	0.131942	15.94018	0.015756	2.801037	0.175722	100.7809	2.800957	125.8411	18.86825	630.7373	339.9211	100.7809	2.800957	15.97826
CANT-PA1-COMP	173.5622	16499.42	1.898984	8.082934	0.688019	6.067153	0.933492	0.356115	0.566223	0.606564	1963.73	9.585158	1985.539	8.137483	2009.079	13.16941	2009.079	13.16941	97.7428
CANT-PA1-COMP	775.3314	2232.425	2.070618	17.01779	3.844564	0.113702	9.112803	0.015717	1.07597	0.118072	100.5323	1.073306	109.3459	9.446966	306.7918	206.4946	100.5323	1.073306	32.76889
CANT-PA1-COMP	439.5817	1492.603	2.438692	13.07066	8.270472	0.15349	12.03037	0.016486	1.177616	0.097887	105.4115	1.231249	144.9891	16.25599	854.8851	249.5187	105.4115	1.231249	12.33049
CANT-PA1-COMP	349.5714	2615.332	1.772005	16.60634	4.876176	0.308327	8.491883	0.040529	1.321372	0.155604	256.1088	3.317807	272.883	20.32294	420.2989	187.5658	256.1088	3.317807	60.93494
CANT-PA1-COMP	63.95066	216.7988	2.382741	4.14714	44.25959	0.296924	49.19158	0.011536	8.303922	0.168808	73.94324	6.105109	263.9952	114.8414	2713.736	860.4016	73.94324	6.105109	2.724777
CANT-PA1-COMP	1229.347	3418.094	3.054399	18.97219	3.022816	0.101966	5.263974	0.015131	0.691762	0.131414	96.81008	0.664692	98.58962	4.94578	142.859	122.5206	96.81008	0.664692	67.76619
CANT-PA1-COMP	234.9216	3008.874	1.956437	16.86701	4.640319	0.411366	7.02411	0.05427	0.965467	0.13745	340.6827	3.203777	349.8582	20.79076	412.1755	155.7277	340.6827	3.203777	82.65475
CANT-PA1-COMP	171.3027	497.552	1.978297	10.56466	20.598	0.127837	47.97713	0.014044	2.950029	0.061488	89.9051	2.633818	122.1521	55.27168	807.81	NA	89.9051	2.633818	11.12949
CANT-PA1-COMP	307.3026	169.4162	3.132402	14.65469	7.805195	-0.10165	254.9761	0.027216	1.497112	0.005872	173.1024	2.557051	NA	-301.526	NA	NA	173.1024	2.557051	
CANT-PA1-COMP	405.8506	2160.658	1.908525	19.1812	2.128025	0.184199	6.129436	0.029277	1.127339	0.183922	186.0192	2.0671	171.6676	9.681144	NA	NA	186.0192	2.0671	
CANT-PA1-COMP	166.2164	1765.615	2.156126	13.97286	6.009359	0.315771	8.309033	0.035862	1.112906	0.133939	227.1314	2.483747	278.6446	20.25025	737.9492	174.5349	227.1314	2.483747	30.77873
CANT-PA1-COMP	86.34876	697.5092	2.386972	11.14264	15.03829	0.311156	26.3047	0.032305	3.653456	0.13889	204.9571	7.370236	275.0763	63.46757	925.0312	544.0347	204.9571	7.370236	22.15678
CANT-PA1-COMP	48.76137	383.5577	34.77984	9.937668	19.94045	0.270695	47.83465	0.030942	7.846437	0.164032	196.439	15.18102	243.2496	103.8298	724.2744	NA	196.439	15.18102	27.12218
CANT-PA1-COMP	74.17397	256.8775	2.50207	4.375049	23.10234	0.349565	27.22757	0.013912	7.356288	0.270178	89.06161	6.506581	304.3938	71.72894	2674.097	442.4978	89.06161	6.506581	3.330531
CANT-PA1-COMP	341.4769	3978.882	4.563976	17.08524	5.80556	0.326149	7.42436	0.042875	1.045811	0.140862	270.6302	2.771693	286.6218	18.5422	420.1006	164.3107	270.6302	2.771693	64.42032
CANT-PA1-COMP	417.6701	1149.351	1.812065	14.45575	11.69268	0.102656	13.0727	0.013109	2.064561	0.157929	83.95488	1.722062	99.22487	12.35834	484.6319	286.0585	83.95488	1.722062	17.32343
CANT-PA1-COMP	464.1072	1984.866	2.66283	16.5997	5.913308	0.122253	10.26588	0.016681	1.893119	0.184409	106.6434	2.002279	117.1124	11.35566	336.4062	229.1347	106.6434	2.002279	31.70078
CANT-PA1-COMP	981.6147	2325.005	0.893579	18.79159	3.623594	0.108018	10.18856	0.016624	0.836905	0.082142	106.2812	0.882181	104.1503	10.08567	56.71055	NA	106.2812	0.882181	187.41
CANT-PA1-COMP	80.56228	307.9807	2.027361	5.639653	26.43737	0.2841	32.50056	0.015172	8.594036	0.264427	97.0725	8.279952	253.9051	73.13814	2175.13	561.0533	97.0725	8.279952	4.462837
CANT-PA1-COMP	167.8396	13732.85	3.428534	5.408367	0.813473	11.24289	1.172336	0.440098	0.803446	0.685337	2351.079	15.82825	2543.479	10.93183	2701.409	14.09314	2701.409	14.09314	87.03155
CANT-PA1-COMP	183.627	1346.128	1.884307	12.04794	15.15628	0.316109	17.94125	0.031453	2.021226	0.112658	199.6341	3.973217	278.9051	43.78211	1011.802	364.1405	199.6341	3.973217	19.73055
CANT-PA1-COMP	530.771	5916.383	9.721918	17.68922	3.092833	0.430896	5.173311	0.057408	0.747716	0.144533	359.8445	2.616897	363.8125	15.81969	390.1406	114.9541	359.8445	2.616897	92.23457
CANT-PA1-COMP	284.9705	757.8946	1.34625	9.084433	17.11021	0.14937	19.20945	0.011735	1.190647	0.061982	75.2062	0.890237	141.3554	25.35351	1474.762	367.1318	75.2062	0.890237	5.099548
CANT-PA1-COMP	267.1239	1434.889	3.684943	15.88658	5.539263	0.235197	8.718198	0.032201	0.949575	0.108919	204.3115	1.909669	214.4798	16.85746	328.6508	196.9853	204.3115	1.909669	62.16673
CANT-PA1-COMP	985.5682	3935.824	2.70949	17.73474	4.828669	0.111641	6.022531	0.01527	0.86811	0.144144	97.69398	0.841697	107.4658	6.141509	330.8711	135.2882	97.69398	0.841697	29.5263
CANT-PA1-COMP	113.5481	756.9567	1.688972	10.54316	11.88619	0.350292	19.51252	0.033168	2.183944	0.111925	210.3465	4.519711	304.9404	51.44187	1111.544	390.7975	210.3465	4.519711	18.92381
CANT-PA1-COMP	1457.445	2994.339	1.906797	18.08209	2.666531	0.082818	6.082155	0.011838	0.786185	0.129261	75.86495	0.592943	80.79097	4.72346	229.979	139.4019	75.86495	0.592943	32.98778
CANT-PA1-COMP	391.6333	1293.304	2.093393	14.03194	8.314903	0.125018	11.34874	0.015	1.300711	0.114613	95.97635	1.239128	119.611	12.80599	620.5972	243.9551	95.97635	1.239128	15.46516
CANT-PA1-COMP	364.2686	1471.846	1.614496	14.31681	6.433245	0.131891	13.91144	0.015839	1.573772	0.113128	101.3048	1.581845	125.7955	16.46079	618.5962	299.6522	101.3048	1.581845	16.37657
CANT-PA1-COMP	96.19604	331.8982	2.097378	8.992203	15.37701	0.202217	50.80037	0.021481	3.677116	0.072384	137.0103	4.984867	187.0004	86.9745	877.7901	NA	137.0103	4.984867	15.60855
CANT-PA1-COMP	301.9601	4074.727	1.413831	16.13695	3.319228	0.451985	4.496978	0.055938	0.890882	0.198107	350.8742	3.042329	378.6681	14.2148	553.2994	96.24012	350.8742	3.042329	63.41489
CANT-PA1-COMP	610.458	1848.279	1.678423	15.77354	4.741599	0.123333	12.23956	0.016065	1.028453	0.084027	102.7376	1.048233	118.0889	13.64557	440.5833	272.2419	102.7376	1.048233	23.31855
CANT-PA1-COMP	209.2493	782.6018	4.768124	13.27729	8.854875	0.124615	14.03485	0.015893	2.584155	0.184124	101.6465	2.606103	119.2471	15.79205	487.3757	305.7182	101.6465	2.606103	20.85588
CANT-PA1-COMP	857.6987	3081.153	4.50462	16.62224	4.998778	0.123141	8.334817	0.016046	0.924203	0.110885	102.6193	0.940902	117.9152	9.279083	439.6988	184.5984	102.6193	0.940902	23.33854
CANT-PA1-COMP	200.0826	2503.592	1.248717	5.369752	0.808672	12.50591	2.573263	0.498028	0.688581	0.267591	2605.314	14.75732	2643.172	24.19846	2672.992	41.04804	2672.992	41.04804	97.46808
CANT-PA1-COMP	471.33	5705.702	1.862707	18.52769	2.247542	0.403455	3.508028	0.056693	0.776357	0.221309	355.4806	2.685085	344.1508	10.2401	269.318	78.47171	355.4806	2.685085	131.9929
CANT-PA1-COMP	978.5455	13003.33	1.82452	18.44442	1.389718	0.433844	1.853149	0.059026	0.667203	0.360037	369.6975	2.397235	365.9027	5.693467	342.9215	39.12008	369.6975	2.397235	107.8082
CANT-PA1-COMP	576.5546	1923.776	3.730787	17.29687	4.128686	0.10714	5.652511	0.015427	1.150571	0.20355	98.68676	1.126815	103.3455	5.554227	213.1325	128.2886	98.68676	1.126815	46.30301
CANT-PA1-COMP	136.3333	365.4492	2.086526	5.167154	33.50888	0.255274	34.71064	0.011612	4.736457	0.136455	74.42683	3.504923	230.851	71.79315	2450.402	601.8686	74.42683	3.504923	3.037331
CANT-PA1-COMP	497.0188	1537.137	2.051369	14.13781	9.239422	0.139285	10.06248	0.016401	0.957548	0.09516	104.8677	0.996035	132.407	12.49192	660.9785	215.1937	104.8677	0.996035	15.86553
CANT-PA1-COMP	285.2635	1997.344	2.386308	14.53785	7.464674	0.269138	12.75264	0.031569	1.317483	0.103311	200.3594	2.599102	242.004	27.46639	669.2549	272.4931	200.3594	2.599102	29.93768
CANT-PA1-COMP	317.6468	2080.36	1.729743	15.79647	7.50612	0.244455	13.26132	0.031341	1.019378	0.076869	198.9382	1.996961	222.0619	26.45663	475.7577	293.5061	198.9382	1.996961	41.81503
CANT-PA1-COMP	282.1776	1068.61	1.052182	13.97749	7.913654	0.210259	11.31347	0.0262	1.067701	0.094374	166.7217	1.757267	193.7696	19.95984	538.3748	247.0856	166.7217	1.757267	30.96759
CANT-PA1-COMP	283.0722	807.0241	3.160993	12.92808	15.03645	0.12584	17.01882	0.015291	1.368975	0.080439	97.82527	1.329094	120.3525	19.31759	593.2328	370.119	97.82527	1.329094	16.4902
CANT-PA1-COMP	339.0163	1590.054	1.965289	13.61564	12.44439	0.133788	16.04814	0.014976	1.345365	0.083833	95.82817	1.279704	127.4961	19.2306	768.4305	338.786	95.82817	1.279704	12.47064
CANT-PA1-COMP	2255.141	12622.5	1.604793	19.73201	1.481245	0.197948	2.268402	0.028802	0.703009	0.309914	183.0473	1.26874	183.3883	3.805966	188.7742	50.21514	183.0473	1.26874	96.9663
CANT-PA1-COMP	505.9214	1198.542	6.606014	15.04941	7.778587	0.09151	9.670209	0.012156	1.081077	0.111795	77.89019	0.836986	88.90863	8.232169	396.7399	215.8761	77.89019	0.836986	19.63256
CANT-PA1-COMP	397.5879	7801.252	2.269103	8.161382	0.706658	5.629495	0.973946	0.335696	0.636493	0.65352	1865.933	10.3122	1920.626	8.39776	1980.954	13.12604	1980.954	13.12604	94.19366
CANT-PA1-COMP	463.1613	929.5142	1.715819	17.44114	4.415528	0.180626	36.14605	0.031403	1.146962	0.031731	199.322	2.251165	168.5993	56.20857	NA	NA	199.322	2.251165	
CANT-PA1-COMP	382.6695	1016.453	2.747101	14.87151	7.287946	0.087488	15.1191	0.011934	1.153313	0.076282	76.4763	0.8768	85.16032	12.35093	336.9994	343.2658	76.4763	0.8768	22.6933
CANT-PA1-COMP	356.9958	1250.057	2.020293	15.0561	7.989076	0.117781	16.01898	0.015507	1.318305	0.082296	99.20018	1.29775	113.0582	17.14053	416.6278	358.6993	99.20018	1.29775	23.81026
CANT-PA1-COMP	288.4621	15360.97	2.125835	8.197474	0.720798	5.792199	1.054737	0.344531	0.671503	0.636654	1908.431	11.09237	1945.245	9.133117	1985.431	14.47477	1985.431	14.47477	96.12176
CANT-PA1-COMP	215.818	1719.052	2.671038	16.95273	5.70115	0.234411	8.438301	0.033478	2.471979	0.292947	212.2823	5.162113	213.8332	16.27196	231.9319	186.5143	212.2823	5.162113	91.52787
CANT-PA1-COMP	56.77178	226.6255	3.104098	6.02166	34.48291	0.240787	44.45278	0.016408	6.110191	0.137454	104.915	6.358625	219.0644	87.81018	1739.97	852.3965	104.915	6.358625	6.029701
CANT-PA1-COMP	698.2081	4051.954	3.216567	17.24877	2.840465	0.233632	7.007917	0.030912	1.092529	0.155899	196.2557	2.111841	213.1929	13.47696	405.6424	155.1029	196.2557	2.111841	48.38145
CANT-PA1-COMP	1490.226	3728.06	3.459921	19.68142	1.373914	0.093829	7.514281	0.014372	0.808667	0.107617	91.99058	0.738615	91.06371	6.545	67.90171	NA	91.99058	0.738615	135.4761
CANT-PA1-COMP	484.6161	3852.361	1.42934	18.10517	3.498677	0.224188	6.064093	0.031283	0.836749	0.137984	198.5743	1.636237	205.3893	11.27659	285.3242	137.4421	198.5743	1.636237	69.59601
CANT-PA1-COMP	354.8176	2302.618	2.534469	17.03351	5.34814	0.209432	7.743833	0.028711	1.231792	0.159067	182.4789	2.216244	193.0762	13.61677	325.6431	173.7871	182.4789	2.216244	56.03646
CANT-PA1-COMP	352.4107	1116.405	1.295132	14.09061	11.47683	0.130097	13.41951	0.016089	1.798558	0.134026	102.8902	1.835849	124.185	15.68749	554.9202	291.2808	102.8902	1.835849	18.54143
CANT-PA1-COMP	326.1969	869.3981	2.361142	15.19375	7.977651	0.105682	14.76808	0.015536	1.033509	0.069983	99.38278	1.019253	102.0075	14.33352	164.7698	NA	99.38278	1.019253	60.31613
CANT-PA1-COMP	171.5804	187.1293	4.180177	10.03941	15.58154	0.027095	334.898	0.010967	7.210899	0.021532	70.31332	5.042673	27.14597	89.94132	NA	NA	70.31332	5.042673	
CANT-PA1-COMP	101.3661	5959.032	2.16298	8.300976	1.480547	4.736631	2.488404	0.287025	0.865625	0.347863	1626.646	12.44461	1773.744	20.8653	1952.322	41.68088	1952.322	41.68088	83.31854
CANT-PA1-COMP	576.1726	1560.675	2.194377	15.02362	7.815895	0.120413	9.766387	0.015043	1.448919	0.148358	96.25191	1.384253	115.4465	10.65799	532.789	211.9435	96.25191	1.384253	18.06567

CANT-PA1-COMP	121.5256	1350.419	1.897402	11.88057	15.6256	0.320431	17.94686	0.031118	2.21716	0.12354	197.5402	4.313358	282.234	44.24987	1060.891	361.1247	197.5402	4.313358	18.62021
CANT-PA1-COMP	230.9076	1013.047	3.501082	14.40912	9.031005	0.237031	16.48311	0.030816	1.726415	0.104738	195.6562	3.327092	215.986	32.08024	444.7842	366.623	195.6562	3.327092	43.989
CANT-PA1-COMP	357.4394	1573.02	1.827599	14.89105	8.151778	0.166072	16.97045	0.020504	1.491295	0.087876	130.8434	1.931592	156.0046	24.54593	558.4821	370.9705	130.8434	1.931592	23.42839
CANT-PA1-COMP	209.0407	475.2135	1.265602	11.48422	14.96589	0.117214	30.8804	0.014827	2.313242	0.07491	94.87796	2.178685	112.543	32.90845	505.4565	NA	94.87796	2.178685	18.77074
CANT-PA1-COMP	427.6364	1081.51	2.78186	11.9182	13.98335	0.11347	14.69074	0.011499	1.775342	0.120848	73.70339	1.301036	109.135	15.20232	974.6253	298.8176	73.70339	1.301036	7.562228
CANT-PA1-COMP	688.7018	2171.61	3.346533	16.37841	5.21634	0.123139	7.757822	0.016231	1.105369	0.142484	103.7931	1.13811	117.9138	8.636588	414.102	171.8517	103.7931	1.13811	25.06462
CANT-PA1-COMP	586.9819	3601.211	2.643826	16.55131	5.348202	0.245288	5.851658	0.031155	0.681331	0.116434	197.7749	1.32704	222.7416	11.70402	496.4089	128.1592	197.7749	1.32704	39.84112
CANT-PA1-COMP	619.5952	1666.87	2.14117	15.67623	5.287381	0.120461	6.716839	0.015676	0.892279	0.132842	100.2677	0.887746	115.49	7.332506	442.7358	148.1975	100.2677	0.887746	22.6473
CANT-PA1-COMP	323.4551	695.1843	3.649256	13.52046	6.240177	0.088188	17.15767	0.011959	2.105201	0.122697	76.63595	1.603789	85.8143	14.11962	350.2919	NA	76.63595	1.603789	21.87774
CANT-PA1-COMP	549.7529	1053.327	2.064398	17.48214	6.230299	0.099187	16.2408	0.016545	1.085603	0.066844	105.7834	1.139017	96.02516	14.8816	NA	NA	105.7834	1.139017	
CANT-PA1-COMP	1053.976	400.8699	2.669442	16.4467	4.428627	0.046466	90.15322	0.014631	0.826091	0.009163	93.63689	0.767935	46.11735	40.66797	NA	NA	93.63689	0.767935	
CANT-PA1-COMP	1198.817	3196.189	2.544935	19.13941	4.161306	0.103007	5.874643	0.015552	0.835081	0.14215	99.48591	0.82441	99.5483	5.570632	102.0503	NA	99.48591	0.82441	97.48712
CANT-PA1-COMP	210.1145	1669.398	3.402532	16.67888	4.677574	0.220732	10.7333	0.031025	1.176427	0.109605	196.9606	2.282057	202.5192	19.70895	268.7143	245.2882	196.9606	2.282057	73.2974
CANT-PA1-COMP	844.8065	2487.53	3.448178	18.3721	4.995769	0.099022	7.964187	0.014682	0.838639	0.105301	93.95645	0.782241	95.87336	7.286265	144.8233	NA	93.95645	0.782241	64.87662
CANT-PA1-COMP	148.264	399.785	19.53917	10.4619	5.944835	0.104674	60.78992	0.012746	2.586734	0.042552	81.64398	2.098595	101.0815	58.55267	588.6765	NA	81.64398	2.098595	13.86907
CANT-PA1-COMP	511.2447	1845.74	3.491394	16.64049	6.820932	0.111952	12.99859	0.015542	1.263161	0.097177	99.41904	1.246188	107.7492	13.28911	297.0338	296.2795	99.41904	1.246188	33.47062
CANT-PA1-COMP	385.9784	1417.297	1.302425	17.02011	4.702672	0.112199	21.62769	0.016798	1.468962	0.06792	107.3868	1.564404	107.9752	22.15728	122.0163	NA	107.3868	1.564404	88.01018
CANT-PA1-COMP	281.0624	1975.478	1.774782	16.05635	6.832958	0.236442	12.80932	0.031185	1.0634	0.083018	197.9586	2.073098	215.5029	24.87677	412.7605	286.4109	197.9586	2.073098	47.95967
CANT-PA1-COMP	396.8263	2853.601	1.793286	17.08893	4.513926	0.215514	10.43173	0.029222	0.661141	0.063378	185.6784	1.210085	198.1696	18.78244	350.5657	235.8801	185.6784	1.210085	52.96538
CANT-PA1-COMP	507.9831	22157.82	3.499576	8.601871	0.594551	4.617134	0.848368	0.289258	0.552989	0.651827	1637.818	7.997976	1752.37	7.080748	1892.625	11.57375	1892.625	11.57375	86.53685
CANT-PA1-COMP	1027.49	1440.005	1.13788	18.20888	1.682701	0.207987	6.416286	0.033724	0.982587	0.15314	213.8147	2.066457	191.8622	11.21774	NA	NA	213.8147	2.066457	
CANT-PA1-COMP	605.2427	2884.047	2.571868	16.35123	7.429054	0.12145	9.119278	0.015673	1.031593	0.113122	100.2517	1.026189	116.3857	10.02817	461.2471	201.2256	100.2517	1.026189	21.73491
CANT-PA1-COMP	455.779	1138.84	2.706756	15.14397	7.483507	0.109325	15.74064	0.014886	1.316386	0.08363	95.25424	1.244695	105.3476	15.75241	341.0929	357.0501	95.25424	1.244695	27.92619
CANT-PA1-COMP	158.3028	657.3262	2.766375	15.03768	7.239527	0.199743	43.30345	0.032881	1.907057	0.044039	208.5513	3.913547	184.909	73.33147	NA	NA	208.5513	3.913547	
CANT-PA1-COMP	107.2601	890.4584	1.803335	9.999758	19.12697	0.390473	25.60154	0.033548	1.92313	0.075118	212.7148	4.024026	334.715	73.12647	1302.987	504.1293	212.7148	4.024026	16.32516
CANT-PA1-COMP	402.0915	3404.338	2.949624	16.81959	4.624129	0.306997	6.343753	0.040288	0.68931	0.10866	254.6156	1.720881	271.8509	15.13102	423.9683	140.8372	254.6156	1.720881	60.05534
CANT-PA1-COMP	53.31318	3084.843	1.556957	7.981005	1.531579	6.039871	2.634896	0.361439	0.88459	0.335721	1988.99	15.13902	1981.611	22.9578	1974.68	44.22759	1974.68	44.22759	100.7246
CANT-PA1-COMP	229.3472	1974.114	2.370916	14.59679	9.330399	0.26075	9.992915	0.030862	0.925876	0.092653	195.9407	1.786874	235.2713	20.98841	649.9379	214.1283	195.9407	1.786874	30.14761
CANT-PA1-COMP	342.3522	23512.5	2.488835	7.626473	0.891609	7.013086	1.314713	0.388873	0.92305	0.702092	2117.601	16.66057	2113.089	11.68394	2109.451	16.42409	2109.451	16.42409	100.3863
CANT-PA1-COMP	1003.987	2355.561	3.101868	17.63362	4.628739	0.103785	12.56581	0.014898	1.000999	0.079661	95.32955	0.947227	100.2641	11.99748	220.2195	NA	95.32955	0.947227	43.28843
CANT-PA1-COMP	1064.502	4186.665	2.534238	17.90903	3.923506	0.10721	6.115922	0.014856	1.340027	0.219105	95.06372	1.264533	103.4103	6.013171	301.3015	136.1678	95.06372	1.264533	31.55103
CANT-PA1-COMP	263.7965	1280.872	7.296289	14.43835	5.956705	0.232612	16.53186	0.029135	1.219176	0.073747	185.1308	2.224969	212.3526	31.68825	527.1591	363.6086	185.1308	2.224969	35.11859
CANT-PA1-COMP	287.8505	2499.603	2.991885	17.44792	4.553171	0.287799	5.343895	0.040567	1.135441	0.212474	256.3445	2.85353	256.8251	12.12688	262.1918	119.9577	256.3445	2.85353	97.76983
CANT-PA1-COMP	642.3801	2123.952	1.991393	16.70311	5.777618	0.117568	13.35312	0.01608	1.165274	0.087266	102.831	1.188756	112.8651	14.26453	331.0533	302.8739	102.831	1.188756	31.06176
CANT-PA1-COMP	627.5302	1297.779	2.900456	15.00223	8.253255	0.086943	19.74889	0.011375	1.395689	0.070672	72.91384	1.011917	84.65176	16.04121	430.7566	442.871	72.91384	1.011917	16.92693
CANT-PA1-COMP	253.6537	2008.51	2.609006	17.04958	5.710876	0.210578	8.236294	0.029722	1.399151	0.169876	188.8055	2.603364	194.0379	14.5483	259.1726	186.7407	188.8055	2.603364	72.84933
CANT-PA1-COMP	1165.792	2551.915	1.495855	17.91456	3.187589	0.090246	5.310042	0.013066	0.835782	0.157397	83.68626	0.694914	87.73212	4.463055	200.2443	121.8422	83.68626	0.694914	41.79208
CANT-PA1-COMP	548.5398	1653.527	2.439936	15.47716	8.703745	0.089695	12.31	0.011655	1.200388	0.097513	74.6956	0.891462	87.21901	10.28881	446.0638	273.2399	74.6956	0.891462	16.7455
CANT-PA1-COMP	466.8548	1544.292	2.388936	14.35679	6.666038	0.118672	7.312265	0.014275	1.415464	0.193574	91.37177	1.284212	113.8677	7.876576	615.058	155.0903	91.37177	1.284212	14.8558
CANT-PA1-COMP	108.0137	233.9044	4.678472	8.364809	21.59795	0.089125	75.71698	0.01128	4.645627	0.061355	72.30975	3.340472	86.68759	62.99412	504.1623	NA	72.30975	3.340472	14.34255
CANT-PA1-COMP	264.9825	3206.182	3.044452	16.98531	3.322663	0.437825	6.183784	0.058346	0.64544	0.104376	365.5609	2.293824	368.7179	19.12187	389.5691	138.1633	365.5609	2.293824	93.83726
CANT-PA1-COMP	84.11866	544.7054	27.28876	9.019521	14.76535	0.365438	26.43276	0.031094	3.428404	0.129703	197.3942	6.664911	316.267	71.95164	1321.772	516.7091	197.3942	6.664911	14.93406
CANT-PA1-COMP	673.3979	2301.801	1.271535	17.23934	6.178239	0.120772	10.84873	0.016934	1.010857	0.093177	108.25	1.085117	115.772	11.87076	274.271	248.1296	108.25	1.085117	39.46828
CANT-PA1-COMP	383.9338	933.3268	2.033953	14.37323	8.052975	0.088385	11.0119	0.011874	1.422922	0.129217	76.09695	1.076434	85.99807	9.08032	371.3343	246.5248	76.09695	1.076434	20.49284
CANT-PA1-COMP	799.4748	1631.142	4.548052	13.87421	9.65377	0.101777	14.66211	0.011642	0.954133	0.065075	74.61369	0.707809	98.41559	13.7534	722.7956	311.9678	74.61369	0.707809	10.32293
CANT-PA1-COMP	210.4756	947.6917	2.053563	12.09134	7.53408	0.193542	11.91451	0.020658	2.004397	0.168232	131.8148	2.615264	179.6468	19.61992	867.9006	244.2296	131.8148	2.615264	15.18778
CANT-PA1-COMP	100.7183	634.258	3.199965	11.15189	19.55474	0.311847	32.9434	0.03355	2.806218	0.085183	212.7255	5.872123	275.6113	79.67947	851.4898	700.3789	212.7255	5.872123	24.98274
CANT-PA1-COMP	678.9044	2700.781	3.161232	18.48315	3.576774	0.106641	6.626292	0.015785	0.841634	0.127014	100.9636	0.843125	102.8882	6.483724	148.697	NA	100.9636	0.843125	67.89889
CANT-PA1-COMP	468.3338	5097.32	2.180777	18.71986	2.551152	0.311052	4.868346	0.044209	0.665066	0.13661	278.867	1.815106	274.9959	11.72853	243.2082	111.1761	278.867	1.815106	114.6618
CANT-PA1-COMP	188.7312	523.5851	1.456252	10.78067	19.67382	0.137123	34.80416	0.015107	3.045786	0.087512	96.65915	2.922069	130.4782	42.6402	801.8691	747.9312	96.65915	2.922069	12.05423
CANT-PA1-COMP	440.1711	2703.492	2.516902	17.00183	4.146796	0.232112	7.256336	0.03122	0.687501	0.094745	198.1783	1.341749	211.9403	13.88101	368.7477	162.9196	198.1783	1.341749	53.74361
CANT-PA1-COMP	59.43406	411.839	2.369439	9.454731	12.52857	0.328734	48.02631	0.033244	2.824928	0.05882	210.8215	5.859224	288.5988	121.2194	978.8048	1038.243	210.8215	5.859224	21.53866
CANT-PA1-COMP	661.8538	3475.452	8.377054	18.64581	3.015715	0.180318	4.803308	0.026122	0.761615	0.15856	166.2287	1.249839	168.3337	7.451045	199.0397	110.2065	166.2287	1.249839	83.51538
CANT-PA1-COMP	268.3763	772.4391	2.672869	13.1091	15.09129	0.097789	33.60052	0.012219	2.371291	0.070573	78.29018	1.84526	94.73295	30.4001	532.4004	NA	78.29018	1.84526	14.70513
CANT-PA1-COMP	235.4158	1559.555	4.531338	15.7194	6.97355	0.319322	12.23402	0.042225	1.330491	0.108753	266.6089	3.474855	281.3812	30.07493	406.9808	273.061	266.6089	3.474855	65.50895
CANT-PA1-COMP	131.5604	1295.801	2.798199	16.91337	5.077998	0.361485	9.4152	0.054287	0.971186	0.103151	340.786	3.223705	313.3231	25.38795	114.715	NA	340.786	3.223705	297.0718
CANT-PA1-COMP	916.0396	2539.411	3.041931	18.61963	2.888799	0.102952	9.715151	0.015419	0.981655	0.101044	98.63635	0.960899	99.49735	9.208067	121.201	NA	98.63635	0.960899	81.38248
CANT-PA1-COMP	131.7595	1161.131	2.428305	13.61528	9.726316	0.261126	12.27807	0.030745	2.31005	0.188144	195.2103	4.441862	235.5739	25.81934	661.1223	259.3013	195.2103	4.441862	29.5271
CANT-PA1-COMP	345.9288	1260.91	8.339532	13.19308	10.97329	0.115214	19.16476	0.012813	2.253341	0.117577	82.07404	1.837685	110.7237	20.10651	782.1797	403.3248	82.07404	1.837685	10.49299
CANT-PA1-COMP	321.2683	2021.747	1.108963	15.92487	7.204051	0.244838	13.70392	0.031521	0.801737	0.058504	200.0629	1.579344	222.3741	27.37446	466.515	304.2709	200.0629	1.579344	42.88457
CANT-PA1-COMP	381.0829	3274.158	1.870828	17.0672	4.572788	0.226655	7.140784	0.029962	0.960431	0.134499	190.3132	1.80111	207.4336	13.39812	407.6341	158.5055	190.3132	1.80111	46.68727
CANT-PA1-COMP	337.1254	5387.729	1.639612	17.72798	2.753013	0.417564	5.180392	0.055641	0.835035	0.161191	349.0639	2.837294	354.3077	15.49554	389.7641	114.8236	349.0639	2.837294	89.55772
CANT-PA1-COMP	140.3654	9150.983	1.202436	8.590841	1.265301	5.47715	1.485232	0.340977	0.752029	0.506337	1891.367	12.32698	1897.02	12.75316	1903.977	23.00929	1903.977	23.00929	99.33766
CANT-PA1-COMP	309.5599	1889.532	2.924882	16.24185	8.862913	0.219372	11.8721	0.029088	1.06278	0.089519	184.8395	1.936542	201.3872	21.69046	400.8076	265.7233	184.8395	1.936542	46.11678
CANT-PA1-COMP	535.2517	1443.695	11.64004	14.72597	8.263225	0.098875	13.62955	0.012207	1.419562	0.104153	78.21229	1.103564	95.73725	12.45291	558.6908	296.7698	78.21229	1.103564	13.99921
CANT-PA1-COMP	694.0124	2247.974	1.639303	17.19993	4.911595	0.118819	9.541504	0.016433	0.883229	0.092567	105.0702	0.920489	114.0004	10.28931	305.7187	216.8791	105.0702	0.920489	34.36828
CANT-PA1-COMP	929.4855	2560.136	2.392093	17.41775	4.311109	0.086679	6.8708	0.011972	1.038536	0.151152	76.71813	0.792023	84.40525	5.564875	308.7244	154.7897	76.71813	0.792023	24.85004
CANT-PA1-COMP	177.5874	1701.69	2.651712	16.31529	5.950504	0.249996	12.26358	0.033804	0.986972	0.08048	214.3128	2.080433	226.5728	24.90914	356.7903	276.9057	214.3128	2.080433	60.06687
CANT-PA1-COMP	439.2275	2799.811	1.803795	16.33821	5.301611	0.238503	5.861983	0.03031	0.95203	0.162408	192.4897	1.805471	217.1935	11.46276	495.19	127.5744	192.4897	1.805471	38.8719
CANT-PA1-COMP	668.706	4034.817	3.403509	18.60495	3.098158	0.21744	5.426332	0.030881	0.775704	0.142952	196.0614	1.497962	199.7766	9.841042	244.891	123.7826	196.0614	1.497962	80.6067
CANT-PA1-COMP	409.1982	937.0289	2.13639	16.0255	5.421344	0.098184	11.97257	0.014984	1.86108	0.155445	95.87396	1.771088	95.09852	10.86924	76.70466	NA	95.87396	1.771088	124.9911
CANT-PA1-COMP	179.4742	1628.143	2.964533	16.23545	7.678182	0.24632	16.31011	0.033326	1.841538	0.112908	211.3335	3.828687	223.5824	32.74215	355.4906	368.0802	211.3335	3.828687	59.4484
CANT-PA1-COMP	335.9971	693.0165	2.468924	12.51051	11.75269	0.107634	14.48224	0.012974	2.225346	0.15366	83.0974	1.837337	103.7991	14.29055	610.6053	310.7292	83.0974	1.837337	13.60902
CANT-PA1-COMP	207.7028	1836.265	1.847218	13.40089	13.87904	0.27867	17.02419	0.029636	1.974449	0.115979	188.2686	3.663512	249.6023	37.69016	875.496	352.4387	188.2686	3.663512	21.50422
CANT-PA1-COMP	1554.188	4605.996	2.312676	19.53217	3.639995	0.101971	5.293829	0.01509	0.871174	0.164564	96.55119	0.834861	98.59451	4.974066	149.2974	122.4653	96.55119	0.834861	64.6704
CANT-PA1-COMP	300.0208	1233.643	2.441951	12.04433	17.86563	0.165668	21.23897	0.016474	1.993573	0.093864	105.3349	2.082865	155.6521	30.65902	1012.98	433.2397	105.3349	2.082865	10.39852
CANT-PA1-COMP	464.2623	2049.728	1.997847	17.4599	5.398007	0.204573	9.655156	0.028999	1.031467	0.106831	184.2827	1.873904	188.9881	16.6511	249.1759	221.3867	184.2827	1.873904	73.95685
CANT-PA1-COMP	609.9464	3873.272	3.017623	18.44681	3.403566	0.212197	4.586343	0.03	0.78482	0.171121	190.5452	1.473552	195.3947	8.152145	255.3599	103.9094	190.5452	1.473552	74.6183
CANT-PA1-COMP	298.5703	587.9148	4.493638	7.510401	12.88068	0.18168	16.99397	0.011729	2.140591	0.125962	75.16883	1.599713	169.5048	26.53567	1838.453	307.5563	75.16883	1.599713	4.088701
CANT-PA1-COMP	893.6307	2662.893	2.139308	18.5299	1.570612	0.10267	7.293751	0.015057	0.878128	0.120395	96.3402	0.8397	99.238	6.895816	170.4184	169.234	96.3402	0.8397	56.53157
CANT-PA1-COMP	113.7277	1111.756	1.726817	14.28085	8.244106	0.452938	19.51812	0.056502	1.302122	0.066713	354.3163	4.489132	379.3347	61.85808	535.9732	429.9418	354.3163	4.489132	66.1071
CANT-PA1-COMP	56.6256	3934.798	0.865728	5.43516	1.164215	11.8876	1.846113	0.466783	1.347722	0.730033	2469.436	27.64841	2595.589	17.29228	2696.28	20.83902	2696.28	20.83902	91.58678
CANT-PA1-COMP	577.8713	3788.895	3.142318	18.71496	1.929467	0.366707	5.085002	0.052744	0.819657	0.161191	331.3438	2.647267	317.2099	13.85453	215.668	116.2697	331.3438	2.647267	153.6361
CANT-PA1-COMP	453.3618	3322.238	2.34745	18.53102	2.421356	0.217071	5.036917	0.031321	1.183672	0.234999	198.8076	2.317314	199.4688	9.122036	208.3269	113.5901	198.8076	2.317314	95.4306
CANT-PA1-COMP	125.6945	797.7829	1.648035	11.60458	13.99952	0.293181	15.17853	0.030739	1.722081	0.113455	195.1742	3.310687	261.06	34.95484	904.793	312.4849	195.1742	3.310687	21.57114
CANT-PA1-COMP	366.42	2099.089	2.759012	16.02858	5.304667	0.244124	8.103684	0.031476	0.91579	0.113009	199.7823	1.801527	221.7915	16.14713	463.237	178.7132	199.7823	1.801527	43.12744
CANT-PA1-COMP	118.6412	847.8179	3.434144	11.79528	11.31203	0.333793	18.74162	0.03517	2.615701	0.139566	222.8242	5.728836	292.4575	47.65896	894.6942	386.193	222.8242	5.728836	24.90507
CANT-PA1-COMP	141.3738	6440.45	1.030266	12.5985	1.663853	2.110559	2.039063	0.195467	0.762959	0.374171	1150.925	8.041854	1152.259	14.04906	1155.616	37.51215	1155.616	37.51215	99.59405
CANT-PA1-COMP	367.7913	1228.702	1.894244	16.1251	7.462951	0.117142	16.52172	0.016723	1.491611	0.090282	106.9098	1.581529	112.4773	17.59266	232.9631	NA	106.9098	1.581529	45.89132
CANT-PA1-COMP	154.7016	649.7514	1.645792	12.2361	8.168168	0.243208	19.25511	0.029404	1.378504	0.071592	186.8189	2.538347	221.0436	38.26617	604.0664	419.0665	186.8189	2.538347	30.92688
CANT-PA1-COMP	473.2761	2610.884	1.513118	17.33222	3.573642	0.196257	5.727512	0.02705	0.883414	0.15424	172.0559	1.499862	181.9538	9.541323	313.4894	128.8405	172.0559	1.499862	54.88413
CANT-PA1-COMP	299.9165	684.194	7.678356	12.55359	12.17165	0.096817	23.73336	0.011905	4.645922	0.195755	76.28985	3.523477	93.83403	21.27505	567.4524	513.0412	76.28985	3.523477	13.44427
CANT-PA1-COMP	429.926	2394.676	2.338609	16.27259	4.835061	0.237011	7.118758	0.030733	0.847652	0.119073	195.1343	1.629276	215.9699	13.8502	450.6245	157.1481	195.1343	1.629276	43.30309
CANT-PA1-COMP	62.0785	478.4774	1.750194	12.02513	18.58073	0.3785	46.02382	0.052079	2.640806	0.057379	327.2732	8.426934	325.9338	129.0029	317.3453	NA	327.2732	8.426934	103.1284
CANT-PA1-COMP	1253.883	2312.712	4.827049	18.54212	3.961456	0.097009	9.049651	0.01476	0.720316	0.079596	94.45328	0.675402	94.01129	8.125895	83.82064	NA	94.45328	0.675402	112.685
CANT-PA1-COMP	214.9032	3285.132	2.190823	17.51699	4.20048	0.398773	5.16787	0.05493	0.88712	0.171661	344.7205	2.977758	340.7576	14.96067	314.7927	115.8519	344.7205	2.977758	109.5071
CANT-PA1-COMP	278.6176	2341.146	2.781257	16.67506	5.218422	0.321402	10.7309	0.043357	1.056525	0.098456	273.6103	2.830272	282.9803	26.50807	362.0959	241.4522	273.6103	2.830272	75.56295
CANT-PA1-COMP	224.0875	1558.133	4.03861	14.35153	6.84596	0.235092	9.794358	0.028225	3.473879	0.354682	179.4284	6.14718	214.3938	18.93194	619.1976	198.0306	179.4284	6.14718	28.97756
CANT-PA1-COMP	401.2408	1448.99	2.341077	14.53964	8.513327	0.131438	10.81649	0.016219	3.326577	0.307547	103.7134	3.4225	125.3894	12.7594	559.7962	224.8729	103.7134	3.4225	18.52699
CANT-PA1-COMP	527.2308	973.9734	5.763872	15.52748	5.794542	0.081657	12.21126	0.01201	1.167561	0.095613	76.95985	0.893211	79.70174	9.360678	163.6833	NA	76.95985	0.893211	47.01754
CANT-PA1-COMP	206.8095	1732.897	2.908456	12.18724	6.713398	0.31095	8.802101	0.030538	0.964216	0.109544	193.9143	1.841911	274.9174	21.20237	1038.229	176.974	193.9143	1.841911	18.67741
CANT-PA1-COMP	108.705	6329.01	1.267142	8.815875	1.411156	5.038353	1.686179	0.3281	0.682263	0.404621	1829.168	10.86541	1825.792	14.28672	1822.716	27.97839	1822.716	27.97839	100.354
CANT-PA1-COMP	398.794	3183.897	1.671778	16.90184	2.649028	0.410333	3.592292	0.054487	0.814036	0.226606	342.0094	2.711514	349.1146	10.61284	397.6116	78.43796	342.0094	2.711514	86.01596
CANT-PA1-COMP	38.2234	216.0395	3.659511	7.326055	17.09017	0.304796	57.05914	0.031465	3.683764	0.06456	199.7129	7.244162	270.1394	136.1488	936.6993	NA	199.7129	7.244162	21.32092

CANT-PA1-COMP	273.88	1565.998	2.297598	15.27563	6.174869	0.224194	17.11691	0.028938	1.377644	0.080484	183.8997	2.497688	205.3945	31.83989	460.7852	380.7345	183.8997	2.497688	39.91007
CANT-PA1-COMP	315.0541	7254.773	2.080875	12.84708	1.226463	1.820007	1.636531	0.173845	0.879314	0.537304	1033.259	8.394854	1052.687	10.7249	1094.102	27.62778	1094.102	27.62778	94.43906
CANT-PA1-COMP	987.616	3467.62	2.1403	16.97162	4.250109	0.125647	6.022958	0.016542	0.931134	0.154597	105.766	0.976788	120.1787	6.826473	416.7399	133.0609	105.766	0.976788	25.37939
CANT-PA1-COMP	357.6043	1916.774	2.755224	16.32145	5.67551	0.215506	7.332889	0.028938	1.650113	0.225029	183.9	2.991681	198.1629	13.20178	372.4872	161.0318	183.9	2.991681	49.37082
CANT-PA1-COMP	113.7716	8541.327	2.019012	8.017305	1.184087	6.120184	1.62415	0.357859	0.964586	0.593902	1972.016	16.38767	1993.129	14.17612	2015.85	23.16881	2015.85	23.16881	97.82554
CANT-PA1-COMP	455.4608	1218.593	7.003899	12.92992	7.711248	0.117444	13.1369	0.012914	1.773825	0.135026	82.71436	1.457835	112.7525	14.02029	805.9897	273.5431	82.71436	1.457835	10.26246
CANT-PA1-COMP	75.66811	4748.466	0.678433	8.870771	2.046429	4.955438	2.433354	0.324815	0.917796	0.377173	1813.203	14.50595	1811.753	20.56189	1810.861	40.95205	1810.861	40.95205	100.1294
CANT-PA1-COMP	763.6378	2838.196	3.119615	17.5342	3.657819	0.11842	6.319996	0.016426	1.068082	0.169	105.0274	1.112689	113.6384	6.794735	298.9631	142.2037	105.0274	1.112689	35.13056
CANT-PA1-COMP	412.2452	2442.108	2.770336	15.84938	4.939464	0.12734	6.296238	0.01599	1.359974	0.215998	102.2659	1.379816	121.7047	7.221512	521.4756	135.0144	102.2659	1.379816	19.61086
CANT-PA1-COMP	420.8746	2852.376	2.404838	16.87292	4.77736	0.235586	9.124133	0.031213	1.300165	0.142497	198.1365	2.536916	214.7998	17.66617	402.6045	202.6215	198.1365	2.536916	49.21369
CANT-PA1-COMP	239.4166	1481.919	2.124737	15.90755	6.318269	0.181694	12.45417	0.024601	1.48558	0.119284	156.6687	2.299385	169.5176	19.44618	353.8473	280.2818	156.6687	2.299385	44.27579
CANT-PA1-COMP	402.2924	998.5003	2.636245	12.90699	12.77381	0.104259	24.01379	0.011875	2.158639	0.089892	76.09837	1.633031	100.7005	23.02551	731.9029	513.5273	76.09837	1.633031	10.39733
CANT-PA1-COMP	848.8234	2953.089	2.026149	16.38749	5.731546	0.129962	9.646561	0.016597	0.826743	0.085703	106.1155	0.870121	124.0636	11.26608	484.3866	212.6429	106.1155	0.870121	21.9072
CANT-PA1-COMP	682.9521	29040.6	3.402367	13.11556	0.716097	1.921438	1.122543	0.180963	0.731053	0.651248	1072.236	7.221407	1088.568	7.496704	1122.253	16.97864	1122.253	16.97864	95.54314
CANT-PA1-COMP	754.0178	2697.206	3.794863	16.81999	6.585838	0.121731	9.87864	0.016076	0.814981	0.082499	102.8098	0.831235	116.6403	10.88571	409.8489	220.678	102.8098	0.831235	25.0848
CANT-PA1-COMP	247.5326	1337.281	1.856396	16.48892	6.769366	0.213072	11.4195	0.030618	1.299798	0.113823	194.4153	2.48928	196.1275	20.36927	217.7612	NA	194.4153	2.48928	89.2791
CANT-PA1-COMP	595.5705	1870.001	1.596053	17.42642	5.629436	0.105869	7.63623	0.015256	0.93955	0.123038	97.60653	0.910154	102.1798	7.423065	211.2184	175.8203	97.60653	0.910154	46.21118
CANT-PA1-COMP	450.0101	745.4893	3.279712	14.91541	6.965892	0.100395	27.40939	0.015194	1.583502	0.057772	97.21259	1.527814	97.14091	25.39706	96.39271	NA	97.21259	1.527814	100.8506
CANT-PA1-COMP	334.0376	2574.443	2.893912	16.69549	4.714071	0.230099	6.176161	0.03028	1.010938	0.163684	192.3021	1.915344	210.2801	11.73119	417.7568	136.2073	192.3021	1.915344	46.03206
CANT-PA1-COMP	142.5376	4706.599	2.156045	13.2384	1.984877	1.872331	4.668661	0.184229	0.805387	0.172509	1090.034	8.076896	1071.355	30.91039	1034.39	92.93987	1034.39	92.93987	105.3795
CANT-PA1-COMP	671.8593	1392.842	2.540913	18.30372	7.411789	0.070987	21.04207	0.011514	1.301152	0.061836	73.80265	0.954809	69.63525	14.16247	NA	NA	73.80265	0.954809	
CANT-PA1-COMP	380.1089	1740.498	1.244856	17.4533	1.957161	0.182871	11.79295	0.026717	1.369324	0.116114	169.9656	2.296966	170.5278	18.51431	179.3262	NA	169.9656	2.296966	94.78017
CANT-PA1-COMP	467.5982	1182.179	1.712167	16.03386	8.908502	0.09984	11.14579	0.014292	1.726667	0.154916	91.47866	1.568377	96.62903	10.27383	226.656	NA	91.47866	1.568377	40.36013
CANT-PA1-COMP	187.7839	5601.929	0.978608	8.860667	1.160114	4.352372	1.570385	0.282096	0.876677	0.558256	1601.91	12.43469	1703.346	12.967	1831.264	23.61311	1831.264	23.61311	87.47563
CANT-PA1-COMP	495.5184	7812.637	2.190905	17.99423	3.235444	0.426337	3.98391	0.056824	0.755023	0.189518	356.2807	2.617015	360.5724	12.0918	389.2344	87.82875	356.2807	2.617015	91.53371
CANT-PA1-COMP	232.6988	2346.695	1.652349	15.40268	6.215726	0.315515	8.984767	0.038452	1.065311	0.118569	243.2329	2.542911	278.4466	21.88407	586.7794	193.9345	243.2329	2.542911	41.45218
CANT-PA1-COMP	154.2377	12604.6	1.299852	8.74435	1.259713	5.262282	1.579393	0.332477	0.693117	0.43885	1850.375	11.14877	1862.765	13.47681	1877.391	25.57798	1877.391	25.57798	98.56101
CANT-PA1-COMP	573.9771	1191.034	3.119278	15.08914	6.340096	0.085479	18.25705	0.011338	1.361204	0.074558	72.67658	0.983721	83.28345	14.59924	400.1412	410.9474	72.67658	0.983721	18.16274
CANT-PA1-COMP	307.5498	5187.273	1.523037	16.72664	3.919668	0.433235	4.586607	0.054517	0.807107	0.17597	342.1928	2.689837	365.4707	14.07846	516.8748	99.18422	342.1928	2.689837	66.2042
CANT-PA1-COMP	361.5955	850.3891	0.724763	12.79815	9.776742	0.100074	14.36315	0.011749	1.950936	0.135829	75.29798	1.460469	96.84481	13.26797	667.2844	306.093	75.29798	1.460469	11.28424
CANT-PA1-COMP	907.2536	1749.858	2.416774	17.48535	5.48785	0.078738	10.44636	0.011577	1.02758	0.098367	74.19989	0.758092	76.95766	7.742323	164.4573	NA	74.19989	0.758092	45.11801
CANT-PA1-COMP	332.8276	2126.597	2.602324	16.68934	4.679669	0.30194	6.388109	0.040819	0.961854	0.150569	257.9078	2.431728	267.9145	15.04402	357.2816	142.7053	257.9078	2.431728	72.18614
CANT-PA1-COMP	732.6213	1055.098	2.08448	14.76686	8.283928	0.086724	10.45913	0.011552	1.330254	0.127186	74.04484	0.979349	84.44734	8.475341	390.5008	233.4066	74.04484	0.979349	18.96151
CANT-PA1-COMP	484.8685	1511.201	2.067485	18.34899	4.243485	0.096632	7.279991	0.015501	1.721667	0.236493	99.15674	1.694087	93.66232	6.513663	NA	NA	99.15674	1.694087	
CANT-PA1-COMP	109.0246	686.9451	2.227852	11.68904	14.23333	0.30485	22.46372	0.033861	3.004501	0.133749	214.6685	6.343513	270.181	53.33792	784.7662	473.0747	214.6685	6.343513	27.35446
CANT-PA1-COMP	123.2257	1124.745	2.235318	11.41891	8.776405	0.553472	13.5965	0.052963	1.204423	0.088583	332.6867	3.905316	447.2684	49.22539	1090.431	272.5176	332.6867	3.905316	30.50966
CANT-PA1-COMP	249.0732	1481.249	1.718248	16.90854	4.256389	0.193126	11.57614	0.02814	1.231677	0.106398	178.8942	2.173106	179.2931	19.02826	185.545	NA	178.8942	2.173106	96.41555
CANT-PA1-COMP	2274.475	5923.769	3.544296	19.81115	1.874358	0.101114	3.531557	0.015114	0.771397	0.21843	96.7004	0.740377	97.80417	3.292887	125.8002	81.14462	96.7004	0.740377	76.86824
CANT-PA1-COMP	688.8158	1571.023	6.609138	17.07954	5.54761	0.081378	8.15083	0.011882	1.867297	0.229093	76.145	1.413489	79.43923	6.228227	180.6702	NA	76.145	1.413489	42.14587
CANT-PA1-COMP	323.7744	537.018	0.767488	11.03508	9.096934	0.104624	18.386	0.011794	2.155626	0.117243	75.58413	1.619796	101.0357	17.68389	753.6671	388.4568	75.58413	1.619796	10.02885
CANT-PA1-COMP	2526.939	9071.441	4.870306	19.82045	1.867696	0.103867	2.538684	0.015257	0.720817	0.283933	97.6133	0.698313	100.3397	2.425497	166.6006	56.90377	97.6133	0.698313	58.59119
CANT-PA1-COMP	972.0219	2609.181	2.196439	17.60903	4.018849	0.097052	6.376891	0.013625	0.971767	0.152389	87.23721	0.842032	94.05187	5.728258	271.4992	144.5948	87.23721	0.842032	32.13166
CANT-PA1-COMP	116.2516	343.354	2.087053	6.954084	13.16715	0.166222	19.23993	0.011494	4.370776	0.227172	73.67123	3.201675	156.1348	27.85155	1713.124	347.7458	73.67123	3.201675	4.300403
CANT-PA1-COMP	620.5704	4451.436	1.610818	17.91262	4.00933	0.216521	4.922422	0.029599	0.705533	0.14333	188.0389	1.307514	199.0103	8.896119	332.0978	110.5241	188.0389	1.307514	56.62154
CANT-PA1-COMP	122.1618	1305.797	2.046232	13.43945	14.38731	0.357441	15.08696	0.040524	2.188468	0.145057	256.0775	5.494324	310.3022	40.35929	741.6307	317.382	256.0775	5.494324	34.52897
CANT-PA1-COMP	354.456	2328.945	3.006729	16.15868	3.945332	0.24216	5.881201	0.031274	0.989315	0.168216	198.5171	1.934027	220.1877	11.64233	459.631	128.6627	198.5171	1.934027	43.19053
CANT-PA1-COMP	338.3208	9108.066	0.762528	16.14035	1.870116	0.944871	2.320989	0.112571	0.679975	0.292968	687.6597	4.435152	675.4283	11.44994	635.8137	47.78157	687.6597	4.435152	108.1543
CANT-PA1-COMP	219.7623	1536.285	4.290647	14.04104	9.566118	0.272253	13.4803	0.031687	1.108408	0.082224	201.0961	2.194558	244.4934	29.29875	685.8946	287.9463	201.0961	2.194558	29.31881
CANT-PA1-COMP	312.4114	567.4883	4.419739	14.0987	10.26816	0.072376	29.42906	0.011613	1.623069	0.055152	74.42975	1.201099	70.9515	20.17018	NA	NA	74.42975	1.201099	
CANT-PA1-COMP	137.684	1926.886	2.508537	15.99835	8.029205	0.409048	15.02698	0.053553	1.318391	0.087735	336.2978	4.320058	348.1897	44.32269	429.2501	335.3599	336.2978	4.320058	78.34543
CANT-PA1-COMP	2414.022	15615.59	3.246083	19.99957	1.108169	0.212207	1.644747	0.031166	0.605322	0.368033	197.8419	1.17939	195.4033	2.923572	167.051	35.74108	197.8419	1.17939	118.432
CANT-PA1-COMP	467.4873	1652.948	2.363742	15.31097	6.545648	0.127997	11.68409	0.016315	1.161948	0.099447	104.3245	1.202441	122.2967	13.46305	488.6238	257.2946	104.3245	1.202441	21.35068
CANT-PA1-COMP	484.5979	1530.248	1.927879	14.80014	8.535219	0.133055	10.1426	0.016502	1.295191	0.127698	105.5121	1.35546	126.8391	12.09428	548.6599	220.1871	105.5121	1.35546	19.23087
CANT-PA1-COMP	516.1141	6310.408	1.980831	18.60926	2.057865	0.407814	2.833892	0.057107	0.551963	0.194772	358.0095	1.922209	347.2995	8.335651	277.2881	63.65245	358.0095	1.922209	129.111
CANT-PA1-COMP	88.72929	5006.361	1.811056	9.129247	1.226259	4.695892	2.142451	0.316503	0.608404	0.283976	1772.628	9.429021	1766.508	17.93669	1760.059	37.56246	1760.059	37.56246	100.7141
CANT-PA1-COMP	106.7604	659.2066	3.589003	10.54901	11.93829	0.313201	18.73866	0.030827	1.823001	0.097286	195.7234	3.514418	276.659	45.40982	1033.754	379.9882	195.7234	3.514418	18.93327
CANT-PA1-COMP	947.1886	1892.243	2.475281	16.38796	7.002335	0.08612	11.83155	0.011633	0.933611	0.078909	74.55846	0.692076	83.88214	9.525954	359.1057	266.9951	74.55846	0.692076	20.76226
CANT-PA1-COMP	759.2057	4451.028	1.992649	18.39383	2.49115	0.197519	6.687622	0.027847	0.799536	0.119555	177.0599	1.396392	183.0244	11.20069	261.7506	152.6162	177.0599	1.396392	67.64449
CANT-PA1-COMP	988.2648	4438.518	9.083434	17.54117	5.062275	0.10739	7.717505	0.014396	0.82223	0.106541	92.13936	0.752209	103.5747	7.599358	376.3248	172.8701	92.13936	0.752209	24.484
CANT-PA1-COMP	525.9971	1335.684	3.586567	13.60755	7.697883	0.101196	13.38895	0.01163	1.135528	0.084811	74.54026	0.841551	97.87942	12.49383	712.7544	284.6641	74.54026	0.841551	10.45806
CANT-PA1-COMP	952.6295	9727.353	3.502557	18.31148	1.57789	0.410639	2.534394	0.05567	0.693615	0.273681	349.2414	2.357942	349.3354	7.491287	350.9666	55.08143	349.2414	2.357942	99.50845
CANT-PA1-COMP	258.4722	10988.4	2.389146	12.63298	1.150513	2.163958	1.564594	0.199894	0.710952	0.454401	1174.749	7.63511	1169.542	10.86591	1160.761	27.64379	1160.761	27.64379	101.2052
CANT-PA1-COMP	220.1677	2196.075	2.731919	15.59374	6.766442	0.248015	7.934578	0.031027	1.236943	0.155893	196.9736	2.399604	224.9625	16.01209	529.7628	171.9538	196.9736	2.399604	37.18147
CANT-PA1-COMP	102.5817	641.5974	1.610539	13.24756	6.941969	0.241684	19.89147	0.033014	2.074652	0.104299	209.3832	4.274184	219.7985	39.33244	333.8116	NA	209.3832	4.274184	62.72498
CANT-PA1-COMP	85.8289	546.1363	1.756263	12.43388	13.41279	0.242816	45.92256	0.032561	3.271803	0.071246	206.5559	6.65098	220.7236	91.34729	375.5653	NA	206.5559	6.65098	54.99865
CANT-PA1-COMP	166.9912	2752.697	2.675428	14.9269	4.97972	0.472967	6.413628	0.05513	1.261453	0.196683	345.943	4.248881	393.2361	20.91379	682.6273	134.4236	345.943	4.248881	50.67816
CANT-PA1-COMP	120.8921	235.8079	3.993939	8.899791	16.42974	0.079286	49.49405	0.011422	4.402101	0.088942	73.2109	3.204587	77.47354	36.93473	212.012	NA	73.2109	3.204587	34.53149
CANT-PA1-COMP	195.4018	1546.909	2.484398	16.63126	6.466991	0.302064	7.799056	0.042918	1.283236	0.164537	270.8965	3.404214	268.0112	18.37326	243.9007	177.4412	270.8965	3.404214	111.0683
CANT-PA1-COMP	570.6556	6604.255	2.557701	18.5102	2.364813	0.413634	3.402195	0.057448	0.727473	0.213825	360.0883	2.547726	351.489	10.10841	296.0515	75.86604	360.0883	2.547726	121.6303
CANT-PA1-COMP	92.67789	8707.855	1.034548	5.557411	0.833143	12.12288	1.106643	0.488564	0.685999	0.619891	2564.46	14.5143	2613.959	10.38076	2653.237	14.4002	2653.237	14.4002	96.654
CANT-PA1-COMP	345.3169	1478.189	3.913652	14.28475	10.30311	0.13098	11.92104	0.015655	1.836715	0.154073	100.1392	1.825059	124.9775	14.01911	628.7941	254.5965	100.1392	1.825059	15.92559
CANT-PA1-COMP	85.50537	608.6092	2.599379	13.15843	11.27426	0.24501	25.60539	0.033928	2.48346	0.09699	215.0856	5.253438	222.5146	51.20828	302.7931	NA	215.0856	5.253438	71.03387
CANT-PA1-COMP	376.705	1951.218	2.055646	18.7376	4.35585	0.187934	8.774392	0.0295	1.055336	0.120275	187.4186	1.94942	174.8651	14.09575	9.331536	NA	187.4186	1.94942	2008.443
CANT-PA1-COMP	313.5695	1582.999	2.725819	15.22611	4.846533	0.250733	10.57459	0.031919	0.910945	0.086145	202.5482	1.816416	227.1715	21.52808	491.3772	232.931	202.5482	1.816416	41.22051
CANT-PA1-COMP	613.9309	22465.06	2.829727	13.23912	0.68837	1.912754	1.134513	0.183575	0.605639	0.533831	1086.474	6.05549	1085.545	7.564893	1084.572	19.23545	1084.572	19.23545	100.1754
CANT-PA1-COMP	407.15	1960.589	1.959464	17.93067	4.257584	0.192427	13.69107	0.028621	0.853233	0.06232	181.9097	1.530419	178.6983	22.43741	137.4669	NA	181.9097	1.530419	132.3299
CANT-PA1-COMP	538.074	6670.061	1.740739	18.65023	1.884865	0.395524	4.659724	0.05524	0.625573	0.134251	346.6094	2.111033	338.3969	13.41069	283.3655	105.6736	346.6094	2.111033	122.3188
CANT-PA1-COMP	153.7674	901.3165	1.964075	11.42293	4.966844	0.301255	19.30362	0.03017	1.766937	0.091534	191.6117	3.335835	267.3797	45.40771	998.6319	393.9282	191.6117	3.335835	19.18742
CANT-PA1-COMP	141.2449	1078.559	1.732556	13.53665	9.372245	0.259179	19.06571	0.03075	2.378595	0.124758	195.2409	4.574372	234.0054	39.86747	644.7614	409.8661	195.2409	4.574372	30.28112
CANT-PA1-COMP	99.464	669.078	2.091777	12.95628	8.115336	0.259358	33.07543	0.033537	2.050164	0.061984	212.6471	4.288493	234.1497	69.27226	456.8242	NA	212.6471	4.288493	46.54899
CANT-PA1-COMP	98.78495	7275.467	0.706167	8.838976	1.43956	5.066787	2.092728	0.326	0.637172	0.30447	1818.966	10.09833	1830.562	17.74847	1844.55	36.07276	1844.55	36.07276	98.613
CANT-PA1-COMP	240.854	1630.071	4.567918	15.15734	6.799149	0.263936	9.753315	0.033112	1.294094	0.132682	209.9961	2.673761	237.8337	20.68309	523.5439	212.4691	209.9961	2.673761	40.11051
CANT-PA1-COMP	352.9611	986.7637	1.963796	11.41593	17.26486	0.141857	20.11053	0.013883	1.316005	0.065439	88.87789	1.161612	134.6969	25.3737	1045.365	408.6961	88.87789	1.161612	8.502089
CANT-PA1-COMP	613.246	2751.49	1.607114	18.12069	3.024828	0.20336	9.883358	0.029196	1.211945	0.122625	185.5165	2.216314	187.9651	16.96072	219.8504	NA	185.5165	2.216314	84.38304
CANT-PA1-COMP	173.0902	11686.41	1.41609	5.568032	0.601862	10.28417	0.925755	0.412195	0.620301	0.670049	2224.947	11.67157	2460.68	8.567141	2662.331	11.38848	2662.331	11.38848	83.57141
CANT-PA1-COMP	272.4506	1093.948	2.241557	11.74412	11.31512	0.125917	12.50891	0.012492	1.70274	0.136122	80.02897	1.354262	120.4221	14.20545	1017.765	251.915	80.02897	1.354262	7.863208
CANT-PA1-COMP	499.8791	1495.617	2.687563	18.08747	3.575289	0.101773	13.18905	0.016031	1.297197	0.098354	102.5227	1.319402	98.41189	12.37105	0.991735	NA	102.5227	1.319402	10337.72