ENERCON SERVICES, INC.	CALCULATION COVER SHEET	CALC. NO. TXUT-001-FSAR-2.5-CALC-004
		REV. 0
		PAGE NO. 1 of 48
Title:	Engineering Stratigraphy	Client: TXU Power
		Project: MITS002

Item	Cover Sheet Items	Yes	No
1	Does this calculation contain any open assumptions that require confirmation? (If **YES**, Identify the assumptions)_____		X
2	Does this calculation serve as an "Alternate Calculation"? (If **YES**, Identify the design verified calculation.) **Design Verified Calculation No.**_____		X
3	Does this calculation Supersede an existing Calculation? (If **YES**, identify the superseded calculation.) **Superseded Calculation No.**_____		X

Scope of Revision:

Revision Impact on Results:

Study Calculation	☐	**Final Calculation**	**X**
Safety-Related	**X**	**Non-Safety Related**	☐

(Print Name and Sign)

Originator: William Huff	**Date: 11-14-2007**
Design Verifier: Rick Ortiz	**Date: 11-14-2007**
Approver: Michael Lazzari	**Date: 11-14-2007** 4/23/08

ENERCON SERVICES, INC.	CALCULATION REVISION STATUS SHEET	CALC. NO. TXUT-001-FSAR-2.5-CALC-004
		REV. 0
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CALCULATION REVISION STATUS

REVISION	DATE	DESCRIPTION
0	November 14, 2007	Initial issue

PAGE REVISION STATUS

PAGE NO.	REVISION	PAGE NO.	REVISION
1–48	0		

APPENDIX REVISION STATUS

APPENDIX NO.	PAGE NO.	REVISION NO.	APPENDIX NO.	PAGE NO.	REVISION NO.
I	1 – 148	0			
II	1	0			
III	1 – 12	0			
IV	1 – 3	0			
PLATES	1 – 5	0			

ENERCON SERVICES, INC.	CALCULATION DESIGN VERIFICATION PLAN AND SUMMARY SHEET	CALC. NO. TXUT-001-FSAR-2.5-CALC-004 REV. 0 PAGE NO. 3 of 48

Calculation Design Verification Plan:

1. Check As-Built Survey for accuracy
2. Review input data sources:
   a. boring logs
   b. geophysical logs and report
   c. cross-sections
   d. structural contour maps (including soil isopach map)
   e. geologic map
3. Review Methodology
4. Review results, stratigraphic correlations and conclusions
5. Suggest and review revisions to work-in-progress draft
6. Perform final check of document and references

(Print Name and Sign)	
Originator: William Huff William Huff	**Date: 11-14-07**
Approver: Frank Syms Michael Lagan 6/27/08	**Date: 11-14-07**

Calculation Design Verification Summary:

Utilizing the Design Verification Plan listed above, this report (CALC. NO. TXUT-001-FSAR-2.5-CALC-004) has been reviewed, verified, and determined to be acceptable for use in Section 2.5 of the Comanche Peak Nuclear Power Plant COL Application. During the design verification process we followed the design verification plan for each of the work-in-progress drafts submitted to the verifier and project manager. A final review of this calculation package was performed by the verifier and project manager prior to submitting this report for inclusion into Section 2.5.

Based On The Above Summary, The Calculation Is Determined To Be Acceptable.

(Print Name and Sign)	
Design Verifier: Rick Ortiz	**Date: 11-14-07**
Others:	**Date:**

ENERCON SERVICES, INC.	CALCULATION DESIGN VERIFICATION CHECKLIST	CALC. NO. TXUT-001-FSAR-2.5-CALC-004
		REV. 0
		PAGE NO. 3A of 48

Item	Check List Items	Yes	No	N/A
1	**Design Inputs** - Were the design inputs correctly selected, referenced (latest revision), consistent with the design basis and incorporated in the calculation?	X		
2	**Assumptions** – Were the assumptions reasonable and adequately described, justified and/or verified, and documented?	X		
3	**Quality Assurance** – Were the appropriate QA classification and requirements assigned to the calculation?	X		
4	**Codes, Standard and Regulatory Requirements** – Were the applicable codes, standards and regulatory requirements, including issue and addenda, properly identified and their requirements satisfied?			X
5	**Construction and Operating Experience** – Have applicable construction and operating experience been considered?			X
6	**Interfaces** – Have the design interface requirements been satisfied, including interactions with other calculations?	X		
7	**Methods** – Was the calculation methodology appropriate and properly applied to satisfy the calculation objective?	X		
8	**Design Outputs** – Was the conclusion of the calculation clearly stated, did it correspond directly with the objectives and are the results reasonable compared to the inputs?	X		
9	**Radiation Exposure** – Has the calculation properly considered radiation exposure to the public and plant personnel?			X
10	**Acceptance Criteria** – Are the acceptance criteria incorporated in the calculation sufficient to allow verification that the design requirements have been satisfactorily accomplished?	X		

COMMENTS:

(Print Name and Sign)	
Design Verifier: Rick Ortiz Rick Ortiz	**Date: 11-14-2007**
Others:	**Date:**

Luminant
Comanche Peak Nuclear Power Plant Combined Operating License (COL) Project
Calculation TXUT-001-FSAR-2.5-CALC-004 Rev 0
Engineering Stratigraphy

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Appendix 3. Stratigraphic Layer Dissolution Data
Appendix 4. Stratigraphic Layer Summary

1.0 OBJECTIVES

The objectives of this calculation include the following:

- To document the methods used in correlating the subsurface geologic conditions at the proposed site of reactors Unit 3 and 4 for the Combined Operating License (COL) application at Comanche Peak Nuclear Power Plant (CPNPP);
- Describe the characteristics and properties used to develop the engineering stratigraphy for the shallow subsurface (~500' depth);
- Document subsurface conditions at CPNPP;
- Develop cross-sections and subsurface structural contour maps; and,
- Develop average stratigraphic profiles with bounding statistics for use in related calculations.

A uniform stratigraphic model was developed that is based on regional geologic stratigraphy (TXUT-001-FSAR-2.5-CALC-004), and correlation of site-specific engineering and rock mass properties to the various geologic units. The resulting "Engineering Stratigraphy" is used as the site model and input for foundation and site response analysis.

2.0 ASSUMPTIONS

Borings were assumed to be vertical (with the exception of inclined borings). This is a reasonable assumption because deviation surveys performed in 15 borings used for GEOVision, Inc. borehole suspension logging surveys indicated these holes deviated from vertical no more than 0.8 % or a maximum of 5.5 ft.

The number and density of borings at the site are sufficient to identify vertical and lateral stratigraphy and variability. This assumption is reasonable because discrete stratigraphic layers and sequences can be confidently traced between borings, and also correlated to the subsurface stratigraphy documented in the Comanche Peak Units 1 & 2 FSAR.

3.0 INPUT DATA

The stratigraphic model for CPNPP was developed utilizing the boring logs (Boring Log Data Report, Rev. 0), borehole geophysical data acquired by GEOVision, Inc. (2007) at select boring locations, and the as-built location data (As-built Bore). Each data source is summarized below.

- 1908-Comanche Peak MHI COLA-Boring Logs Data Report No., Rev. 0
- GEOVision geophysical data, Report 6573-01 Rev.0
- Petrographic Report (#TZJ)
- As-built survey data, As-built Bore
- Unit 1 and 2 TXUT-001-FSAR-2.5-CALC-004, Amendment No. 100a
- Geologic mapping data, Field Reconnaissance Report, Rev. 0

3.1 Geotechnical Boring Logs

This report utilizes the B-1000 and B-2000 series geotechnical boring logs completed during the primary phase of subsurface exploration activities at CPNPP. The boring logs have been compiled within the 1908-Comanche Peak MHI COLA-Boring Logs Data Report, Rev. 0. The 1000-series borings provided coverage for the proposed Unit 4, whereas the 2000-series borings provided coverage for the proposed Unit 3 area. Lithologic descriptions provided in the boring logs were assigned using standardized Soil and Rock Characterization Reference Guides (WLA, 1998), based on ASTM and/or ISRM procedures, as well as depositional texture nomenclature developed by R.J. Dunham (1962). Table 1 and the Rock Characterization Reference Guides (WLA, 1998) list the parameters and sources of information found on both the rock and soil characterizations used in the completion of the boring logs. Additional information described in each geotechnical boring log include Recovery and Rock Quality Designation (RQD), discontinuity descriptions, dissolution features, and drilling/field notes.

Rock Quality Designation
The Rock Quality Designation (Deere et al., 1967) data from each boring was compiled and summarized to provide a quantitative measure of rock mass jointing and fracturing at CPNPP. RQD data for each collected core run was calculated using methods outlined in the Rock Characterization Reference Guides (WLA, 1998). Average RQD values for each identified stratigraphic layer are listed in Appendix 1.

Discontinuities
Identification of discontinuities in rock cores was reported during the site-specific investigations at CPNPP. Structural and natural breaks were compiled and summarized in each geotechnical boring log and in Appendix 2 for use in determining the strength, deformation, and permeability of subsurface rocks at CPNPP. Fractures and discontinuities were described using the Rock Characterization Reference Guides (WLA, 1998).

Dissolution Features
Dissolution features from each boring were compiled and summarized to provide a description of the vuggy porosity characteristics primarily present in the limestone, i.e. wackestone, packstone, and micrite (Dunham, 1962), stratum below the surface at CPNPP. Each dissolution feature is described based on its boring location, depth, elevation, lithology, and stratigraphic layer in Appendix 3.

3.2 Geophysical Logs

GEOVision, Inc. performed a suite of borehole geophysical surveys at CPNPP for the COLA investigation in a select number of borings drilled in and around the Units 3 & 4 footprints at CPNPP. The boreholes selected for geophysical testing considered locations within the proposed reactor footprints and the total depth achieved. Borehole

geophysical testing included P-S wave suspension velocities, natural gamma radiation, resistivity, caliper, and acoustic televiewer. Table 2 defines the specific tests by borehole. Testing procedures were controlled by TXUT-001-PI-05, Geotechnical Data Collection Plans for Comanche Peak and Greenfield Sites.

3.3 Petrographic Analysis

Petrographic classification of several samples of rock core was conducted by Spectrum Petrographics, Inc. Samples included 21 hand samples (HS) from B1012 as well as 4 hand samples from bedrock surface outcrops at mapping field stations STA 34, 38, and 42-A. Data for each of these rock core samples is documented in the Petrographic Report (#TZJ) for the Comanche Peak COL. Information from this report provides in-depth details of the lithologic properties used to describe the subsurface stratigraphy at CPNPP, and to correlate site layers to formal regional geologic layers.

4.0 METHODOLOGY

Integration and comparison of the regional geologic stratigraphy, geophysical data, and geotechnical boring logs provided the basis for developing the site-specific stratigraphic model at CPNPP. Thirteen stratigraphic layers, including several major layers correlated to regional geologic strata, and sublayer divisions within the major layers, were identified beneath the proposed units at CPNPP and are defined by Figure 1 and Table 3 as a site specific model. Interpretation of the geophysical data helped to identify the stratigraphic sublayers. Specifically, within Layer E, a division of sublayers, E1, E2, and E3, was assigned based on resistivity data provided by GEOVision, Inc. and Layer B was separated into two layers, B1 and B2, based on a dominant lithologic composition. The Petrographic Report (#TZJ), as described in section 3.3, was then used to provide detailed classification for the dominant lithologies of each stratigraphic layer.

4.1 Stratigraphy

A final interpretation of the geotechnical boring log and geophysical data identified thirteen major stratigraphic layers and sublayers illustrating the subsurface at CPNPP between the ground surface and 550 ft below ground surface (elevation 294 feet) (Figure 1, Appendix 4). The thirteen stratigraphic layers and sublayers are summarized within Table 3.

4.1.1 Geologic Formations

The near surface stratigraphic model at CPNPP consists of three well-documented geologic formations: the Glen Rose formation, the Twin Mountain formation, and the Mineral Wells formation (TXUT-001-FSAR-2.5-CALC-004). Comparisons between lithologic descriptions found within the Comanche Peak Units 1 and 2 FSAR and referenced literature (TXUT-001-FSAR-2.5-CALC-004) with the lithologic descriptions

developed for this study suggests the current stratigraphic model is consistent with published regional mapping and previously developed models.

The Glen Rose formation is the uppermost geologic unit at CPNPP and outcrops in several areas throughout the site. The Glen Rose includes layers A through E. Based on subsurface exploration beneath the proposed Units 3 and 4 at CPNPP, the top of the Glen Rose formation at the site is encountered at an elevation ranging from 787 to 853 feet and has a thickness ranging between 160 and 246 feet. This difference in thickness is due to the variation in the surface elevation (differential erosion of the top layer) and bedrock depth. For the initial 9.5 to 79.5 feet, layers A and B, the Glen Rose is composed of alternating thin to massive beds of limestone and shale. The next 150.5 to 167 feet, Layers C, D, and E, is composed of massive limestone that alternates between packstone and wackestone and has several thin shale interbeds. Layer D is a shale interbed that shows up at 709.7 to 719 feet in elevation. The boundary between the Glen Rose and the Twin Mountain formation is identified by a lithologic change to sandstone. The first occurrence of sandstone identifies the top of Layer F, which is interpreted as the gradational contact between the Glen Rose and Twin Mountain formations.

The Twin Mountain formation lies conformable below the Glen Rose and is primarily composed of interbedded sandstone and shale. The Twin Mountains formation encompasses all of Layers G through I. In total, the Twin Mountains formation ranges from 217 to 242 feet in thickness. Layer F is composed of limestone, shale, and sandstone, Layers G and I are composed of sandstone, and Layer H is primarily shale with sandstone interbeds.

Only borehole B-1012 was drilled deep enough (550 feet) to reach the Mineral Wells formation. The top of the Mineral Wells formation was encountered at 455 feet (389 feet in elevation). The Mineral Wells formation is composed of massive shale with interbeds of sandstone. The FSAR report (TXUT-001-FSAR-2.5-CALC-004) for Units 1 and 2 indicates that the Mineral Wells is predominantly shale with limestone mud filling vertical fractures throughout the unit.

5.0 RESULTS

Stratigraphic cross sections and structural contour maps of each layer were developed to document the stratigraphy and subsurface conditions of the Unit 3 and 4 sites (Figure 2) at CPNPP. A summary of the development and calculation necessary for the interpretation of the statigraphic framework is detailed in the following sections.

5.1 Development of Cross Sections

5.1a Engineering Cross Sections. Engineering cross sections were developed by incorporating and correlating site-wide data from the geophysical and geotechnical boring logs. Three cross sections were developed by establishing a transect of

individual boring locations distributed across the footprints of the proposed Units 3 and 4 at CPNPP. The transects, along with the Unit 3 and 4 structure footprints, boring locations, as-built survey data, and site topography were added to three engineering cross section base maps created using ArcMap 9.1 and labeled A to A', B to B', and C to C' respectively.

Engineering cross sections were created with no vertical exaggeration. Data logs were shown graphically that represented the total depths achieved at each boring (up to 550 feet), percent recovery, and calculated RQD values (for every 5 feet of core drilled). Contact lines were drafted across each of the cross sections to define the site-wide stratigraphic layers. Geophysical data was then added to the cross sections to correlate borehole-to-borehole geophysical data with the identified stratigraphic layers.

5.1b Slope Stability Cross Sections. Development of the slope stability cross sections were based on two profiles projected across boreholes sloping towards Squaw Creek reservoir. The boring locations, total depth of borehole, and unit elevations across the transect were developed to create initial slope stability cross sections D to D' and E to E'. Stratigraphic contatcts were integrated into the draft cross sections to define the subsurface conditions of the slope. Subsurface conditions for cross section D to D' are based solely on the information identified from geotechnical boring log B-1047. Subsurface conditions for cross section E to E' projects are based on data from B-2007, B-2051, and B-2047.

5.1.1 Cross Section Description

As mentioned in sections 5.1a and 5.1b, each cross section was plotted as a transect across the footprint and surrounding site areas for Units 3 and 4 at CPNPP (Figure 3). Cross sections A–A', B–B', and C–C' were plotted across the structure footprints, while cross sections D–D' and E–E' were plotted across the heat sink footprints and area sloping toward the Squaw Creak Reservoir.

5.1.1a Cross Section A–A'. Three engineering cross-sections were developed to illustrate the stratigraphic model outlined within this report. Section A–A' (Plate 1) is an East-West oriented cross section that documents the interpreted subsurface conditions below both Units 3 and 4. Section A–A' is 1800 feet long and displays stratigraphic data to 550 feet below ground surface (an elevation of 388.14 feet). This cross section is composed of data from 11 boring logs and includes geophysical data for select boreholes.

Cross section A–A' correlates the 13 lithologic layers identified using geotechnical boring logs and illustrates a linear distribution of these units across the CPNPP study area. One primary component of the A–A' cross section is the inclusion of the deepest boring B-1012. Due to the data acquired from B-1012, cross section A–A' documents a comprehensive site-wide stratigraphic model for Comanche Peak Nuclear Power Plant.

5.1.1b Cross Section B–B'. Section B–B' (Plate 2) is a North-South oriented cross section that documents the subsurface conditions below proposed Unit 4. Section B–B'

is 1140 feet long and displays stratigraphic data up to 398 feet below ground surface (an elevation of 453 feet). This cross section is composed of data from 12 geotechnical boring logs and includes geophysical data for select boreholes.

5.1.1c Cross Section C–C'. Section C–C' (Plate 3) is a North-South oriented cross section that documents the subsurface conditions below proposed Unit 3. It is 1140 feet long and displays stratigraphic layers up to 398 feet (446 feet in elevation). This cross section is composed of data from 12 geotechnical boring logs including geophysical data for select boreholes.

5.1.1d Cross Section D–D'. Cross section D–D' (Plate 4) is an interpretation of the near surface conditions for the slope north of the proposed Unit 4 building envelope. This cross section indicates the geologic framework of the subsurface based on information identified within the B-1047 geotechnical boring log.

5.1.1e Cross Section E–E'. Cross section E–E' (Plate 5) represents the near surface conditions of the slope north of the proposed Unit 3 building envelope. The geotechnical boring logs for B-2007, B-2051, and B-2047 were used to develop the subsurface stratigraphic model for E–E'.

5.1.2 Interpretation of Cross Sections

Cross sections B–B' and C–C' demonstrate similar subsurface conditions as seen in cross section A–A'. Each stratigraphic layer is clearly defined and correlated between each of the 12 geotechnical boring logs and geophysical logs. Differing from A–A', borings utilized for Plates 2 and 3 were drilled to a shallower depth and were unable to depict the subsurface below the Layer I sandstone. Whereas cross section A–A' has 11 borehole logs distributed throughout the entire proposed site for Units 3 and 4, cross section B–B' and C–C' have their 12 boring logs confined to the footprint area of the proposed Unit 4 and 3 area, respectively.

Cross-sections D–D' and E–E' both indicate that the slopes near the proposed units transition to the lakebed at a fairly shallow gradient. Cross-section D–D' shows that the slope declines an average of 1 foot vertical for every 5.71 feet in horizontal distance, or a slope equal to 0.175 (17.5%). Cross-section E–E' shows that the slope gently declines an average of 1 foot vertical for every 7.40 feet in horizontal distance, or a slope of 0.135 (13.5%). Each cross-section also indicates that various amounts of shale and limestone, from Layers B and C, outcrop at the reservoir.

Slope stability cross-sections D–D' and E–E' (Plates 4 and 5) were developed to characterize the surface and near-surface geologic and geotechnical conditions for the slopes at the northern limits of the proposed Comanche Peak Unit 3 and 4 construction envelope. Development of the slope stability cross sections are important in order to target the potential for slope failure events at CPNPP.

As mentioned earlier in this section, the following cross sections were produced in order to interpret subsurface conditions by illustrating the subsurface stratigraphic model

described in this report. It is necessary to define these conditions in order to locate any potential geologic subsurface hazards. By plotting the information allocated from geotechnical boring logs onto a cross section, a visual representation of the subsurface can draw indications of subsurface faulting, lithologic structural weaknesses, differential weathering, karstic zones, and other geologic hazards pertinent to the site of the proposed reactors at CPNPP. Indications of any geologic hazards are necessary to ensure the correct structural design of the reactors.

5.2 Development of Structure Contour Maps

Structure contour maps were created using the top of layer elevations for each stratigrahic unit identified at CPNPP. These maps utilize the elevation data compiled from the stratigraphic model that was developed for site-wide engineering cross sections. Borehole elevation data within each of the stratigraphic layers was plotted as a point and an elevation on draft paper using ArcMap 9.1 software. Each map is plotted at a scale of 1 inch equal to 166.67 feet.

The structure contour maps for each identified stratigraphic layer were hand contoured by WLA staff. Contour intervals were at 2 feet for most of the stratigraphic layers because of the small scale changes in the range of elevations. The top of bedrock contour, Layer A, was contoured at a 5 foot interval because of a larger elevation range. Each of the contours was drawn using solid lines where data was available and dashed lines where data was inferred.

Following the initial drafting of the structure contours, each map was scanned and digitized using ArcMap 9.1 software.

5.2.1 Structure Contour Map Descriptions

Structure contour maps representing top of layer elevations for stratigraphic layers A through G (Figures 4 to 11) were created to demonstrate the site-wide stratigraphic relief between layers. Geotechnical boring logs with data from the top of each stratigraphic layer were used in structural contouring. However, because not every boring log contained data for all of the stratigraphic layers, the structure contour maps decrease in detail in relation to the deeper stratigraphic layers. Contours for most of the contour maps are represented in intervals of two feet. Intervals of five feet were used on structure contour maps where top of unit elevation data varied more. A contour interval of five feet was utilized for the top of rock (Layer A) structure contours map. Elevation ranges for this layer varied more due to processes of differential weathering throughout the site.

A description of each structure contour map can be seen in Table 4.

Each structure contour map indicates a change in elevation in an easterly direction across the site, suggestive of shallow dipping units to the east. Maps A, B1, B2, C, D, and E (Figures 4 to 9) each have data supporting this interpretation. Each of these maps illustrates that over a horizontal distance of 2000 feet the elevation of each layer

dips approximately 10 feet from a west to east direction. This dip and direction of stratigraphic layer elevations is comparable to the original Comanche Peak Unit 1 and 2 Final Safety Analysis Report (FSAR-2.5) indicating sediments within the vicinity of the site dip east at approximately 25 feet per mile.

5.2.2 Statistical Distribution of Stratigraphic Layers

Each stratigraphic layer top (elevation) and thickness was evaluated statistically. Histograms were produced to evaluate the distribution of data in order to show the frequency at which particular top of layer elevations and layer thicknesses occurred. Figure 12 shows histograms for each layer top and Figure 13 shows histograms for each layer thickness. Each histograms is based on data compiled in the Summary of Stratigraphic Layers (Appendix 2). The deepest stratigraphic layers, Layers G to I and Mineral Wells, have less informative histograms because of a smaller amount of stratigraphic layer data.

5.3 Development of Soil Isopach Map

The soil isopach contour map was produced using similar procedures as the structure contour maps. The soil isopach map was contoured to represent the thicknesses of surficial material. The information for this map was compiled from recorded soil thicknesses within each geotechnical boring log. This map was contoured with a 5-foot interval.

5.3.1 Soil Isopach Map Description

A soil isopach map (Figure 14) was developed to characterize the variability of surficial deposits (native materials and artifical fill) encountered during the subsurface exploration activities at CPNPP. As previously described in this report, the thicknesses of residual soil and artificial fill materials are highly variable. Soil type materials (residuum and artificial fill) are documented in each of the five cross-sections. Throughout the area of exploration the thickness of surficial material ranges between 3.5 and 51 ft. Contours on this map indicate areas with the highest accumulation of surficial materials are located at the northern and eastern limits of the proposed site for Units 3 and 4 at CPNPP. These areas have surficial materials that range between 30 and 50 feet in thickness. Residual soil and artificial fill areas located at the footprints for each reactor have thicknesses less than 20 feet. These two areas have the lowest accumulations of surficial material. Though fill and residual soils are apparent throughout the site, the majority of the artificial fill material has been placed near the northern and eastern limits. (Figure 14).

Variability of surficial material throughout the site has likely been caused both by processes of differential weathering of parent material and the emplacement of artificial fill. Differential weathering of the parent rock is apparent in each of the boring logs. Several logs have identified residual soils that are depicted as clayey silt soils with gravels of limestone that have been weathered from the parent rock limestone. In several cases, this limestone is also the top of the bedrock. Areas in which shale is the top of bedrock are likely weathering much more rapidly than those of limestone. Thus,

residual soil accumulations are typically thicker in areas that have weathered completely to limestone bedrock. Another reason for variable surficial material thicknesses can be related to the addition of artificial fill. Exploration activities at CPNPP have verified an increase in artificial fill around the northern and eastern slopes.

6.0 STRATIGRAPHIC CORRELATION

A qualitative evaluation was performed to compare the site stratigraphy developed for the study against the stratigraphy developed for the original Comanche Peak Unit 1 and 2 Final Safety Analysis Report (TXUT-001-FSAR-2.5-CALC-004). Also compared was the current stratigraphic model against the 0.6-mile radius geologic bedrock map developed for the current Unit 3 and 4 COLA investigation.

6.1 Units 1 and 2 Subsurface Excavation

Luminant provided historic photographs, dated August 8 and September 22, 1975, (Figure 15) which depict excavation activities during construction of Comanche Peak Units 1 and 2. Although there are no numeric scales associated with each photograph, distinct interbeds of limestone and shale are plainly visible. The stable vertical exposures of the Glen Rose formation documented in both photos exhibit flat lying (no apparent dip) limestone and shale interbeds of various thicknesses. Based on documentation found within the original FSAR (TXUT-001-FSAR-2.5-CALC-004) we interpret the stratigraphy exposed in the photos to correspond with Layers A, B1 and B2, and C which have been described in detail above (Figure 16).

6.2 Units 1 and 2 Stratigraphic Units

The relationship between the stratigraphic zones identified for the Comanche Peak Units 1 and 2 FSAR are very similar to the stratigraphic layers picked for the current COLA investigation for Units 3 and 4. A comparison between the Unit 1 and 2 FSAR stratigraphic zones and the Unit 3 and 4 COLA stratigraphic layers is shown in Table 5.

6.3 Bedrock Exposures

Detailed bedrock mapping activites at CPNPP lead to the drafting of the 0.6-mile radius geologic map (Figure 17). At CPNPP, the Glen Rose formation is the primary geologic formation exposed at the surface. A small veneer of the Cretaceous Paluxy formation is exposed at the surface near the western boundary of the mapped area. The Paluxy formation in stratigraphically higher than the Glen Rose formation, but was not encountered during subsurface exploration activities at CPNPP, nor was it documented within the proposed construction envelope for Units 3 and 4 at CPNPP. Therefore, this report does not detail the Paluxy formation.

The Glen Rose formation is well expressed in outcrop surrounding CPNPP. Due to its interbedded nature the Glen Rose formation is expressed surficially as both slopes and

ledges. The nature of the Glen Rose formation is best expressed within the beds of the ephemeral streams located west and north of the proposed Units 3 and 4. Within the stream channels ledge-forming limestone beds are expressed as small hydraulic steps within the stream (Figure 17), whereas the slope-forming shale beds are expressed as gently sloped to flat sections of the stream's bottom. The Glen Rose formation was also exposed on site as steep angled cuts along the main railroad spur into CPNPP and along access roads across the site.

The outcrops indicating the Glen Rose formation were mapped as wackestone limestone, shaley limestone, and sparitic limestone, and directly correlate to the stratigraphic layers picked when using the boring and geophysical logs. A description of these outcrops can been seen in Table 6.

7.0 CONCLUSION

Engineering cross sections, slope stability cross sections, structure contour maps, and a soil isopach map have been developed to document the subsurface conditions at CPNPP. Each of these figures was produced based on data collected from the geotechnical boring logs and geophysical logs provided by GEOVision. These logs helped to identify 10 stratigraphic layers based on specified differences in lithologies as well as geophysical differences in resisitivy, P-S wave suspension velocities, and natural gamma radiation.

The lateral continuity of each stratigraphic layer suggests that there are no significant faults, areas of uplift or subsidence, or any other subsurface structural weaknesses. Several geotechnical boring logs indicate various amounts of joints and other discontinuities from rock core samples. The most common discontinuities in each rock core were mechanical breaks (MB) and joints (JT). Mechanical breaks occurred during the drilling and/or handling process in which the rock core would break along bedding planes. Joints typically occurred as planar fractures or parallel to weak bedding planes. Other common discontinuities evident in rock cores include bedding joints (BJ), fracture zones (FZ), and random fractures (RF). Each of these discontinuities displayed no markings of movement or shearing and there were no signs of fault or shear discontinuities at any boring during subsurface investigations activities at CPNPP.

The site-specific investigations at CPNPP also indicated areas of dissolution in subsurface calcareous rock. The dissolution of limestone has led to the formation of secondary porosity vugs (i.e. visible pore spaces that formed after the deposition of limestone). These vuggy features are predominantly visible in the limestone stratum located in Layer A, an elevation as low as 797.88 ft, but are also well noted in Layers C and E (Figure 18). The creation of vugs from dissolution in these stratigraphic layers was likely caused by an infiltration of ground and/or meteoric water. Other stratigraphic layers with vuggy features include B1, B2, D, and G. However, Appendix 3 indicates that the vug markings evident in these stratigraphic layers are less prevalent than the markings in Layers A, C, and E. Differing elevations and locations of the vuggy

features signify that dissolution occurs sporadically throughout subsurface at CPNPP and is not confined to any "zones of dissolution." All vugs found within rock cores are separated and show no evidence of interconnectivity. The sizes of the vugs in subsurface limestone at CPNPP are minute ranging from .025' to .1'. Several of these vugs have been filled with calcite, clay minerals, or silt. Only 16 borings were found to have vugs in Layer C (Figure 19), FIRS engineering layer. Within these borings twenty-three vugs were observed and reported with the highest elevation of a feature reported at 783 feet and the lowest elevation at 727.5 feet. Twenty-two borings were found to have vugs at or below 782 feet (Figure 20), FIRS elevation. The irregular and minimal occurrence of calcareous rock dissolution along with the high RQD of fine grained limestone prove it unlikely for karstic terrane to form in the subsurface below Units 3 & 4 at CPNPP. (Note: voids, cavities, and other dissolution features listed in Appendix 3 are termed vug based on nomenclature from Choqueete and Pray's Classification of Porosity in Sedimentary Carbonates (1970).)

The 0.6-mile radius geologic map showing Glen Rose formation outcrops also indicates that some areas throughout CPNPP are have little or no residual or artificial soils. These soils were likely removed during construction activities. The soil isopach map shows the near-surface soils, mostly artificial fill near the construction site, are greater than 50 feet in thickness is some areas (Figure 14). This soil will be compacted to a yard grade of 830 feet and then excavated to a base mat.

Each engineering cross sections and the structure contour map for Layer C indicate the depths and elevations of an excavation for the Unit 3 and 4 reactor base mat (Plate 3 and Figure 5). P-S wave suspension velocities compiled from GEOVision indicate high velocities through this stratigraphic layer. The geophysical data along with RQD data, lithologic properties, minimal dissolution and overall thickness suggest Layer C is a sufficient foundation-bearing layer for Units 3 and 4. The structure contour map for Layer C illustrates a deviation of elevations from west to east.

8.0 REFERENCES

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Choquette, P.W. and Pray, L.C. (1970). Geologic Nomenclature and Classification of Porosity In Sedimentary Carbonates, AAPG Bulletin, v.54, No. 2, p.207 250

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TXUT-1908-09, Final report Borehole Geophysical Logging - GeoVision Geophysical Services, October 31, 2007, Report 6573-01, Rev. 0

TXUT-1908-06, Petrographic Report (#TZJ) for Comanche Peak MHI COLA, December 3, 2007 Cover with August 21, 2007 Report

William Lettis & Associates, Inc., Standard Technical Manual, Exploratory Boreholes Technical Standard WLA-TS1, December 1998

Table 1. Depositional Textures of Limestone From The Glen Rose Formation

Rock	Description
Micrite	Micritic limestones represent mud-supported limestones that contain less than 10% grains not originally bound together during deposition.
Wackestone	Wackestone consists of more than 10% grains, is mud-supported, and its original components were not bound together during deposition.
Packstone	Packstone limestone is a grain-supported limestone that contains some mud. Similar to the other limestones, its grains were not bound together during deposition.

Table 2. Summary of Geophysical Surveys

Boring ID	Boring depth	Tool and Run Number	Test Depth Range (feet)
B-1000	400.00	ELOG/GAMMA/RESISTIVITY	35.0 - 374.0
B-1000	400.00	SUSPENSION	1.6 - 342.9
B-1000	400.00	CALIPER/GAMMA	0.0 - 355.0
B-1000	400.00	ACOUSTIC TELEVIEWER	0.0 -306.0
B-1001	300.00	ELOG/GAMMA/RESISTIVITY	16.0 - 299.1
B-1001	300.00	SUSPENSION	1.6 - 285.4
B-1001	300.00	CALIPER/GAMMA	0.0 - 290.0
B-1002	300.00	ELOG/GAMMA/RESISTIVITY	35.0 - 288.0
B-1002	300.00	SUSPENSION	1.6 - 275.6
B-1002	300.00	CALIPER/GAMMA	0.0 -285.0
B-1003	400.00	ELOG/GAMMA/RESISTIVITY 1	34.8 - 290.0
B-1003	400.00	SUSPENSION 1	1.6 - 269.0
B-1003	400.00	CALIPER/GAMMA 1	1.4 - 290.1
B-1003	400.00	ELOG/GAMMA/RESISTIVITY 2	274.0 - 354.6
B-1003	400.00	SUSPENSION 2	262.5 - 339.6
B-1003	400.00	CALIPER/GAMMA 2	268.3 - 353.8
B-1004	300.00	ELOG/GAMMA/RESISTIVITY	16.0 - 299.1
B-1004	300.00	SUSPENSION	1.6 - 285.4
B-1004	300.00	CALIPER/GAMMA	0.0 - 290.0
B-1005	225.00	ACOUSTIC TELEVIEWER	0.0 - 219.0
B-1008	225.00	ACOUSTIC TELEVIEWER	0.0 - 224.0
B-1009-I	225.00	ACOUSTIC TELEVIEWER	0.0 - 224.0
B-1011-I	225.00	ACOUSTIC TELEVIEWER 1	188.0 - 223.0
B-1011-I	225.00	ACOUSTIC TELEVIEWER 2	5.0 - 200.0
B-1011-I	225.00	ACOUSTIC TELEVIEWER 1	5.0 - 88.0
B-1011-I	225.00	ACOUSTIC TELEVIEWER 2	75.0 - 102.0
B-1012	550.00	ELOG/GAMMA/RESISTIVITY 1	30.0 - 342.6
B-1012	550.00	ELOG/GAMMA/RESISTIVITY 2	296.6 - 430.0
B-1012	550.00	SUSPENSION 1	1.6 - 415.0
B-1012	550.00	CALIPER/GAMMA 1	6.0 - 427.4
B-1012	550.00	ELOG/GAMMA/RESISTIVITY 3	37.0 - 310.0
B-1012	550.00	ELOG/GAMMA/RESISTIVITY 4	380.0 - 550.2
B-1012	550.00	CALIPER/GAMMA 2	399.5 - 550.5
B-1012	550.00	SUSPENSION 2	413.4 - 536.4
B-1013	150.00	ACOUSTIC TELEVIEWER	3.9 - 149.4
B-1014	150.00	ACOUSTIC TELEVIEWER	3.7 - 149.8
B-1015	150.00	ACOUSTIC TELEVIEWER	4.0 - 149.0
B-1029	150.00	ACOUSTIC TELEVIEWER	3.8 - 149.5
B-1047	150.00	SUSPENSION	4.9 - 136.2

Table 2. Summary of Geophysical Surveys (cont'd)

Boring ID	Boring depth (feet)	Tool and Run Number	Test Depth Range (feet)
B-1050	150.00	SUSPENSION 1	57.4 - 136.2
B-1050	150.00	SUSPENSION 2	6.6 - 57.4
B-2000	400.00	ELOG/GAMMA/RESISTIVITY 1	238.1 - 393.0
B-2000	400.00	ELOG/GAMMA/RESISTIVITY 2	34.0 - 392.0
B-2000	400.00	SUSPENSION	1.6 - 380.6
B-2000	400.00	CALIPER/GAMMA	0.0 - 391.0
B-2000	400.00	ACOUSTIC TELEVIEWER	0.0 - 392.0
B-2001	300.00	ELOG/GAMMA/RESISTIVITY	34.8 - 289.0
B-2001	300.00	SUSPENSION	1.6 - 275.6
B-2001	300.00	CALIPER/GAMMA 1	276.4 - 288.5
B-2001	300.00	CALIPER/GAMMA 2	5.2 - 273.4
B-2002	300.00	ELOG/GAMMA/RESISTIVITY	39.0 - 300.0
B-2002	300.00	SUSPENSION	1.6 - 275.6
B-2002	300.00	CALIPER/GAMMA	2.0 - 288.0
B-2003	400.00	ELOG/GAMMA/RESISTIVITY 1	34.9 - 266.6
B-2003	400.00	SUSPENSION 1	1.6 - 203.4
B-2003	400.00	ELOG/GAMMA/RESISTIVITY 2	199.2 - 336.5
B-2003	400.00	SUSPENSION 2	196.9 - 311.7
B-2003	400.00	CALIPER/GAMMA	2.3 - 340.0
B-2004	300.00	ELOG/GAMMA/RESISTIVITY	35.0 - 291.0
B-2004	300.00	SUSPENSION	1.6 - 275.6
B-2004	300.00	CALIPER/GAMMA	0.4 - 287.0
B-2005	225.00	ACOUSTIC TELEVIEWER	0.0 - 224.0
B-2008	225.00	ACOUSTIC TELEVIEWER 1	3.8 - 197.8
B-2008	225.00	ACOUSTIC TELEVIEWER 2	3.8 - 35.5
B-2009-I	225.00	ACOUSTIC TELEVIEWER	2.1 - 222.4
B-2011-I	225.00	ACOUSTIC TELEVIEWER	2.5 - 224.0
B-2012	150.00	ACOUSTIC TELEVIEWER	3.9 - 149.0
B-2014	150.00	ACOUSTIC TELEVIEWER	4.3 - 149.3
B-2029	150.00	ACOUSTIC TELEVIEWER	3.6 - 149.7
B-2048	150.00	SUSPENSION	6.6 - 137.8
B-2051	100.00	SUSPENSION	4.9 - 86.9

Suspension. The OYO/Robertson suspension PS logging system (Suspension System) was used to obtain in situ horizontal shear (SH) and compressional (P) wave velocity measurements on 15 borings at 1.6-ft intervals. These measurements were then used to create a profile of velocity versus depth got compressional and shear waves. A subdivision of the stratigraphy was identified by identifying noticeable changes in shear and compressional velocities.

E-log/gamma/resistivity. Long and short normal resistivity, single point resistance (SPR) spontaneous potential (SP), natural gamma, and 3-arm mechanical caliper data were used to help identify stratigraphic units.

Acoustic televiewer. Acoustic televiewer images were collected in 17 borings and were used to assist in stratigraphic layer identification as well as determining dip angle and azimuth of any major features. These acoustic images helped to create stratigraphic layers by pinpointing contacts between shale, limestone, and sandstone

Table 3. Stratigraphic Layer Description

Layer	Layer Description
A	Layer A has a thickness ranging from 0.3 feet to 59 feet. It is composed of limestone but has a thicker shale bed at the top and a thin shale interbeds at the base. The limestone in this layer is very light gray to light gray, fine-grained and highly micritic, but consists of beds of wackestone as well. The shale interbeds in this layer are extremely weak to weak and slightly to moderately weathered. Some of the shale beds are also calcareous and have signs of bioturbation
B1	Layer B1 has a thickness ranging from 4.4 to 10.1 feet. It is an extremely weak to weak and slightly to moderately weathered bed of shale that has a thin bed of limestone in the middle
B2	Layer B2 begins with a thick bed of limestone and has a thickness ranging from 4.8 to 10.4 feet. The limestone bed is light gray to very light gray, slight to moderately weathered that was found to range from being very weak to weak. This layer changes from limestone at the top to a dominantly shale bed with a few thin limestone interbeds. The shale is fine-grained, dark to medium dark gray in color, extremely weak, fresh to slightly weathered at times and has little to no reaction with HCl.
C	Layer C has a thickness ranging from 61.6 to 67.6 feet. This layer is a massive limestone that is medium light gray to light gray, very weak to weak and is also ranges from being fresh to moderately weathered. Several areas in Layer C are fossiliferous, bioturbated, and contain rip-up clasts. Limestone in Layer C is either wackestone or packstone.
D	Layer D has a thickness that ranges from 1.2 to 5.6 feet. It is composed of dark gray/dark greenish gray, fresh to moderately weathered shale that also ranges from extremely weak to weak. This layer of shale contains a thin, less that one foot, interbed of limestone.
E	Layer E has a thickness that ranges from 87.5 to 93.8 feet. It is a very light gray to medium gray massive limestone that is fossiliferous, bioturbated, and contains rip up clasts. At the base of this layer the limestone becomes interbedded with a very fine-grained, fresh to slightly weathered, and extremely weak to weak shale. Layer E has been subdivided into three sublayers based on differing resistivities.
E1	Sublayer E1 has a low resistivity
E2	Sublayer E2 has a high resitivity
E3	Sublayer E3 has a low resitivity
F	Layer F has a thickness that ranges from 25 to 34.7 feet. This layer is a mixture of several limestone, shale, and sandstone beds. This layer constitutes the contact between the Glen Rose and Twin Mountains geologic formations because of its diverse lithology.
G	Layer G has a thickness that ranges from 76.6 to 84.4 feet. It is a light brownish gray to greenish gray massive layer of sandstone that contains interbeds of shale. The sandstone is very fine-grained to fine-grained, extremely weak to weak, and slightly weathered. The shale interbeds are extremely weak to weak, slightly weathered, and contains traces of fossils and shell hash.
H	Layer H has a thickness that ranges from 60.2 to 68 feet. This layer is a slightly weathered and very weak to moderately strong silty shale. The shale contains a limestone bed at its top and a sandstone bed at its base.
I	Layer I has a thickness of 66.7 feet. This layer is composed of light gray to greensih gray sandstone that is fine-grained to coarse-grained, slightly weathered, weak to medium strong, and has convoluted bedding.

Table 4. Structure Contour Map Description

Layer	Description
A (top of rock)	The structure contour map of Layer A represents the top of bedrock layer throughout the site area for Units 3 and 4. This map has an elevation ranging from 801 to 857 feet and is contoured in 5-foot intervals.
B1	The structure contour map of Layer B1 represents the top of a thick bed of shale. This map has an elevation ranging from 793.7 to 801.7 feet and is contoured using a 2-ft interval.
B2	The structure contour map of Layer B2 represents the top of a limestone layer that ranges in 4.8 to 10.4 feet in thickness and has an elevation ranging from 785.8 to 794 feet. This map was contoured using two foot intervals.
C	The structure contour map of Layer C represents the top of the massive limestone layer. This map has an elevation ranging from 776.5 to 786 feet and is contoured at a two foot interval. Unit C also represents the base mat depth for Units 3 and 4 at CPNPP
D	The structure contour map represents the elevations of the shale bed indicating the top of Layer D. This map has an elevation ranging from 713.3 to 721.7 feet and is contoured using 2-ft intervals.
E	The structure contour map represents the elevations of the massive limestone layer indicating the top of Layer E. This map has an elevation ranging from 709.7 to 719 feet and is contoured using a two foot intervals.
F	The structure contour map represents the elevations of the top of a gradational zone separating the Glen Rose and Twin Mountains geologic formations. This map has an elevation ranging from 618.2 to 625.7 feet and is contoured at a 2-ft interval.
G	The structure contour map represents the elevations of the top of a massive layer of sandstone indicating the top of Layer G. This map has an elevation ranging from 584.5 to 597.7 feet and is contoured at a 5-ft interval.

Table 5. Stratigraphic Layer Comparison

Stratigraphic zones for Units 1 and 2		Stratigraphic zones for Units 3 and 4
I Upper	Hard limestone with soft claystone interbeds	**A**
II Lower	Soft claystone alternating with limestone	**B1 and B2**
II	Massive nodular limestone with occasional claystone partings	**C**
IIIA	Alternating limestone and claystone	**D**
IIIB	Massive limestone	**E (E1, E2, E3)**
IV	Alternating limestone and claystone with sand lenses	**F**
Upper	Soft-to-hard sandstone with interbedded medium-to-hard claystone	**G**
Middle	Hard claystone	**H**
Lower	Alternating hard sandstone and claystone	**I**

Table 6. Bedrock Exposure Map Description, Using 0.6-mi Radius

Rock	Description
Sparitic Limestone	The top of the sparitic limestone begins at an elevation of approximately 832 feet in elevation and reappears at an elevation of 785 and ends at 775 feet.
Wackestone	Top of the wackestone is at 826 feet in elevation
Shaley Limestone	Top of the shaley limestone is at 796 feet in elevation

These elevations correlate with most of Layers A and B and partially with Layer C. The sparitic limestone that is indicated as a 5-foot thick bedding on the 0.6 mile map directly links to several borings that sampled cores of sparitic limestone throughout the site-wide subsurface. Similarly, the thick oscillating beds of wackestone limestone and shale that were mapped from 826 feet to 775 feet on the surface also correlate closely to the subsurface core samples from the borings. A specific example of this can be identified at 49 feet in depth from boring log B-1012. Rock core samples at this boring location reveal that at about 795 feet in elevation a bed of wackestone transitions to a shaley limestone. The indication that the exposed outcrops of shale and limestone correlate to subsurface cores of shale is a good suggestion that the stratigraphic layers were accurately chosen.

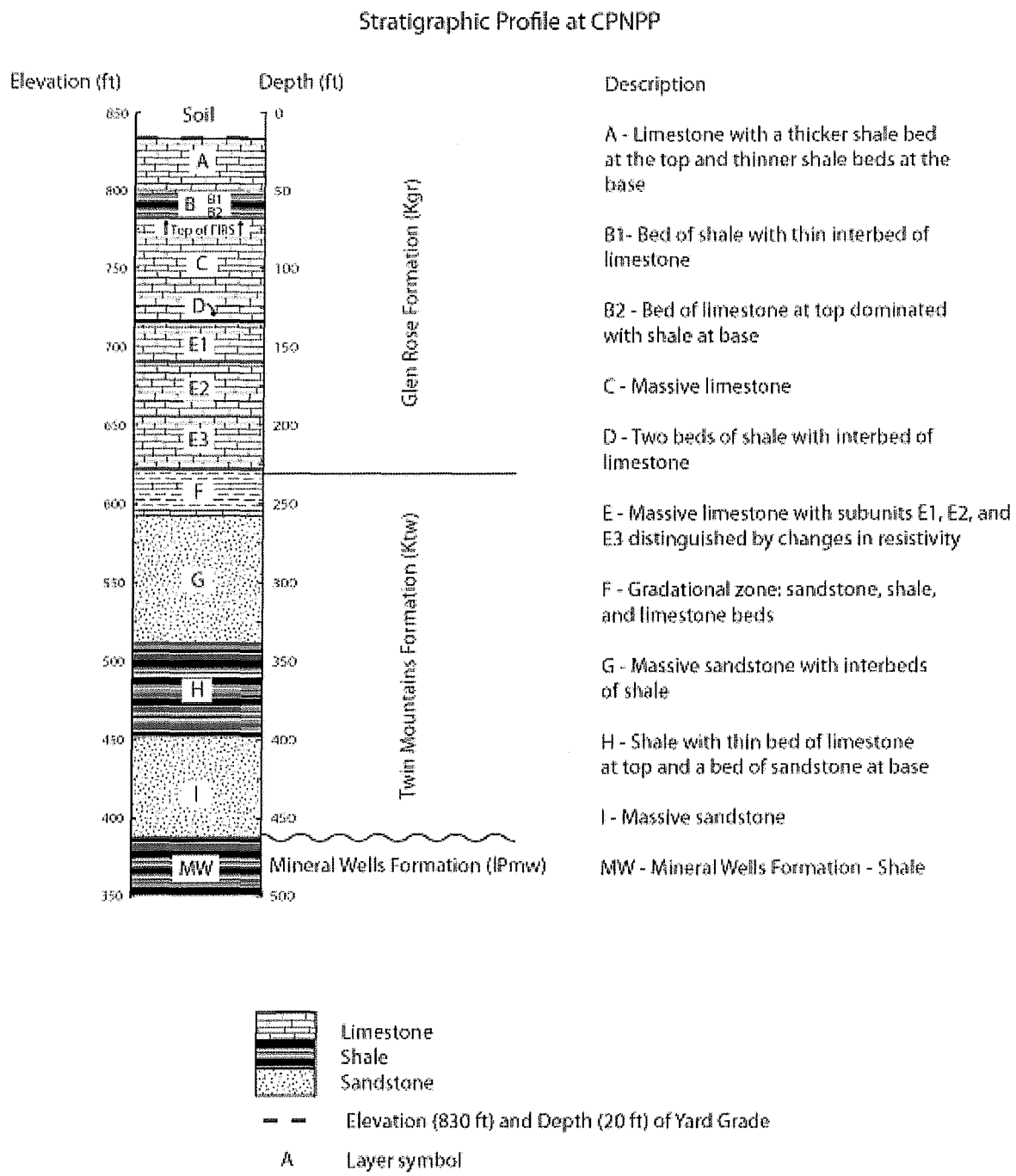


Figure 1. Stratigraphic Profile at CPNPP

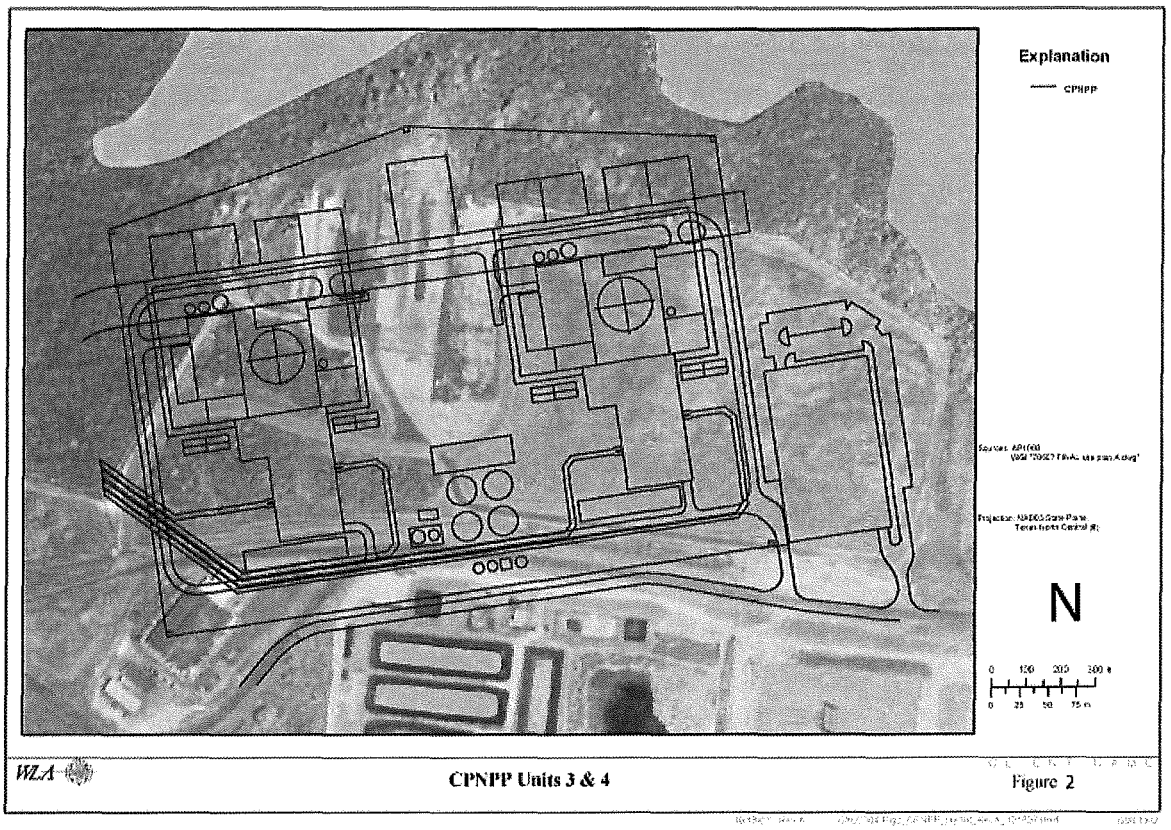


Figure 2. Unit 3 and 4 Footprints

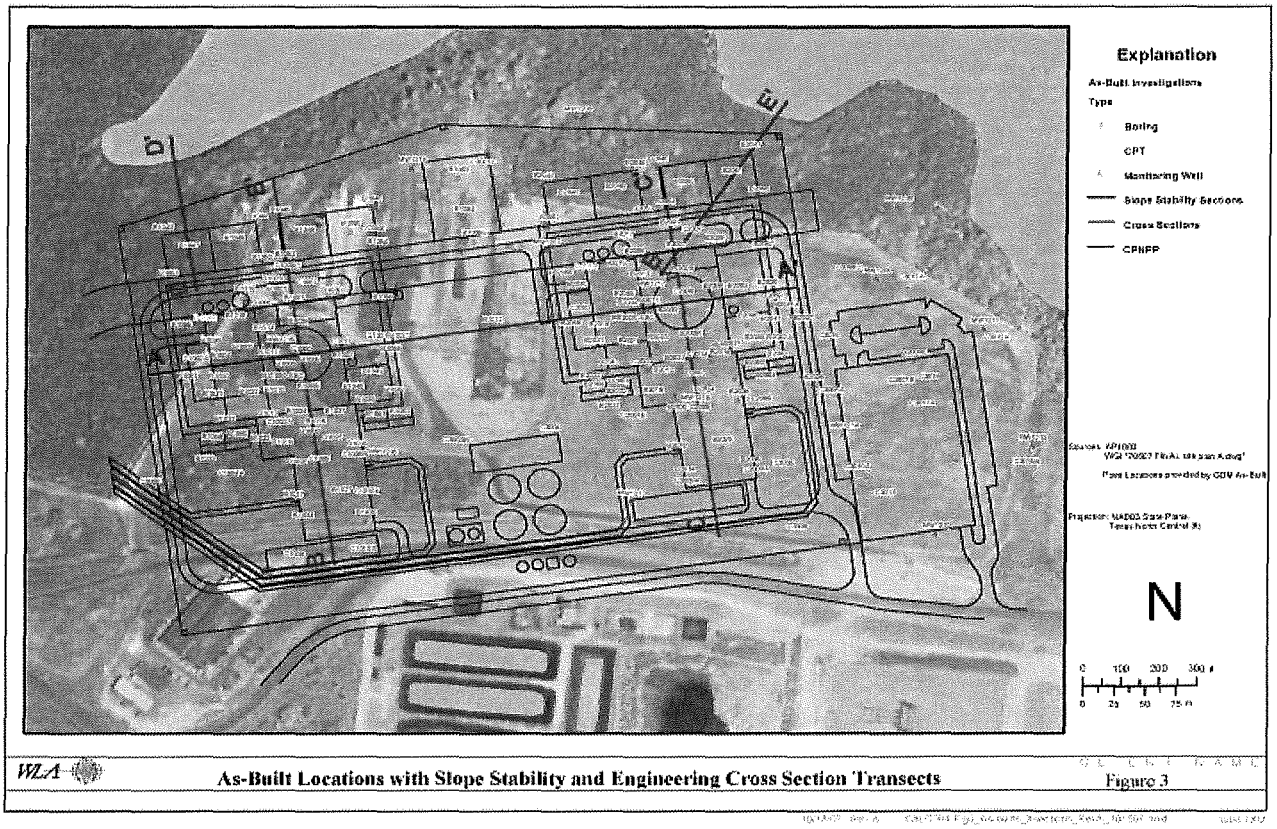


Figure 3. Cross Section Transects

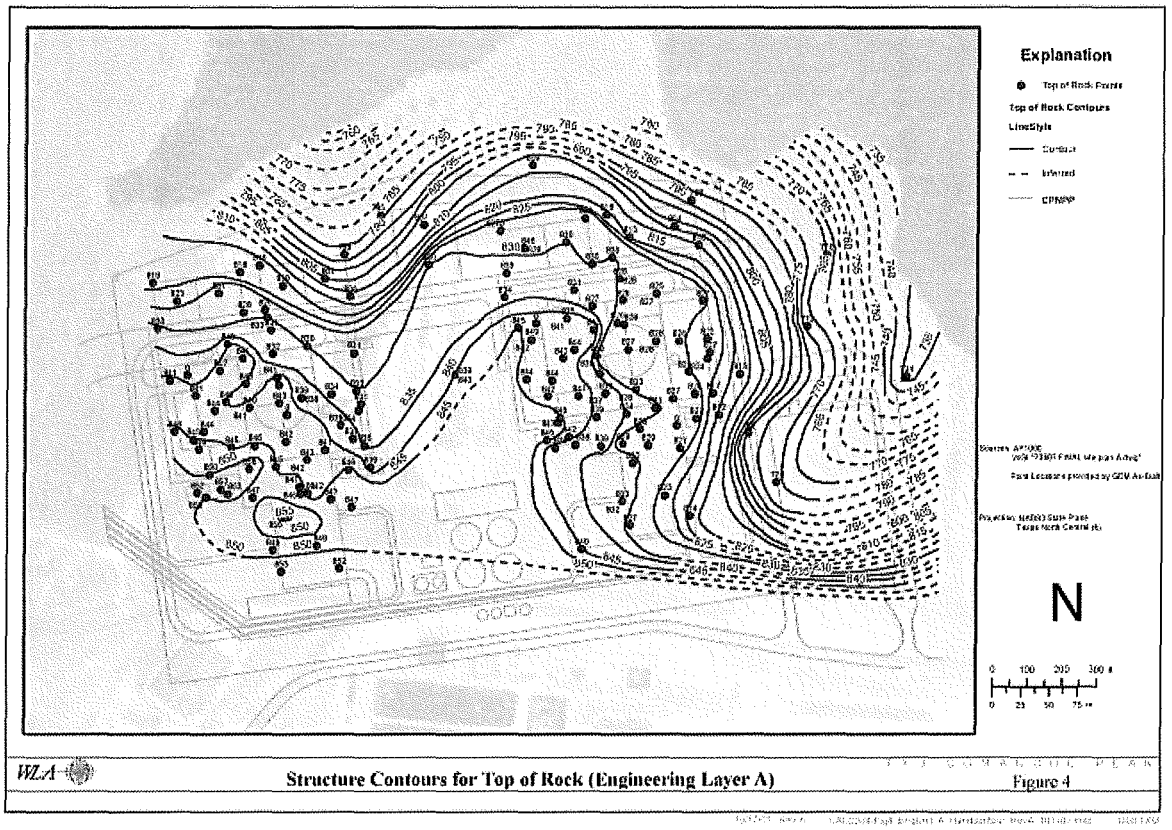


Figure 4. Structure Contour-Top of Rock

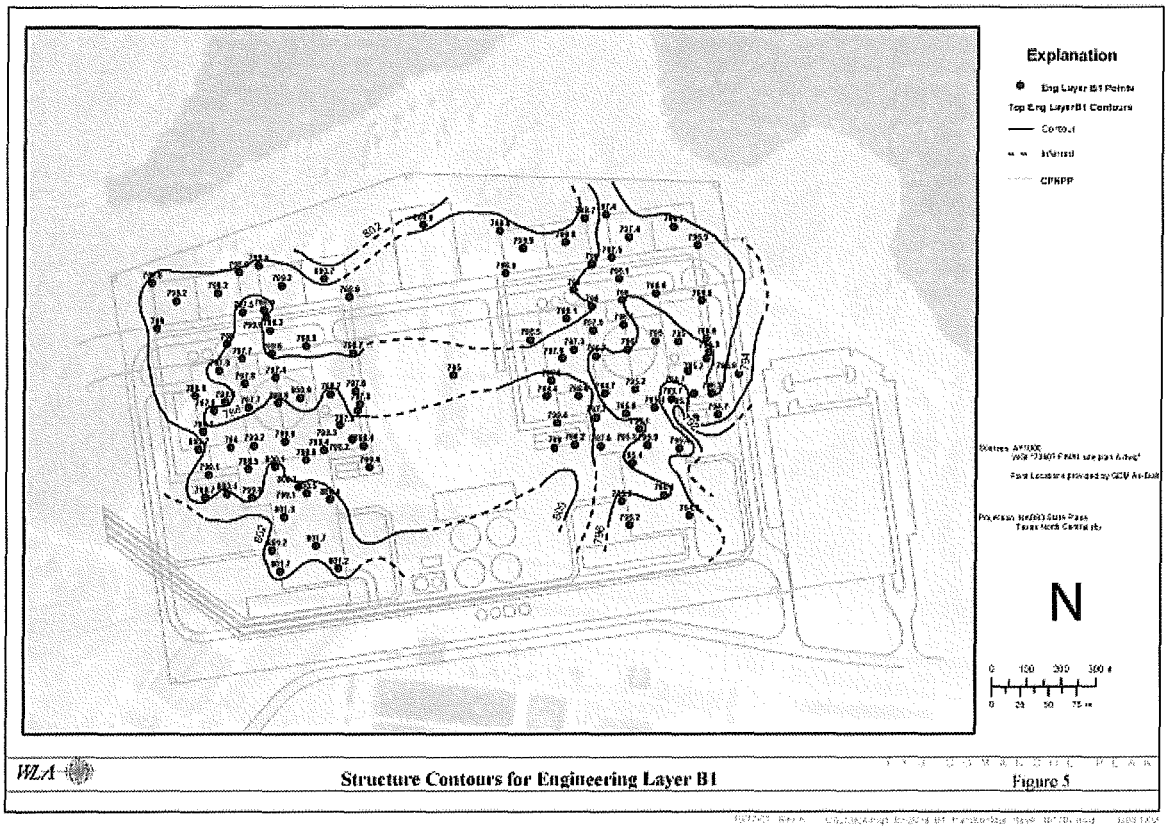


Figure 5. Structure Contour-Layer B1

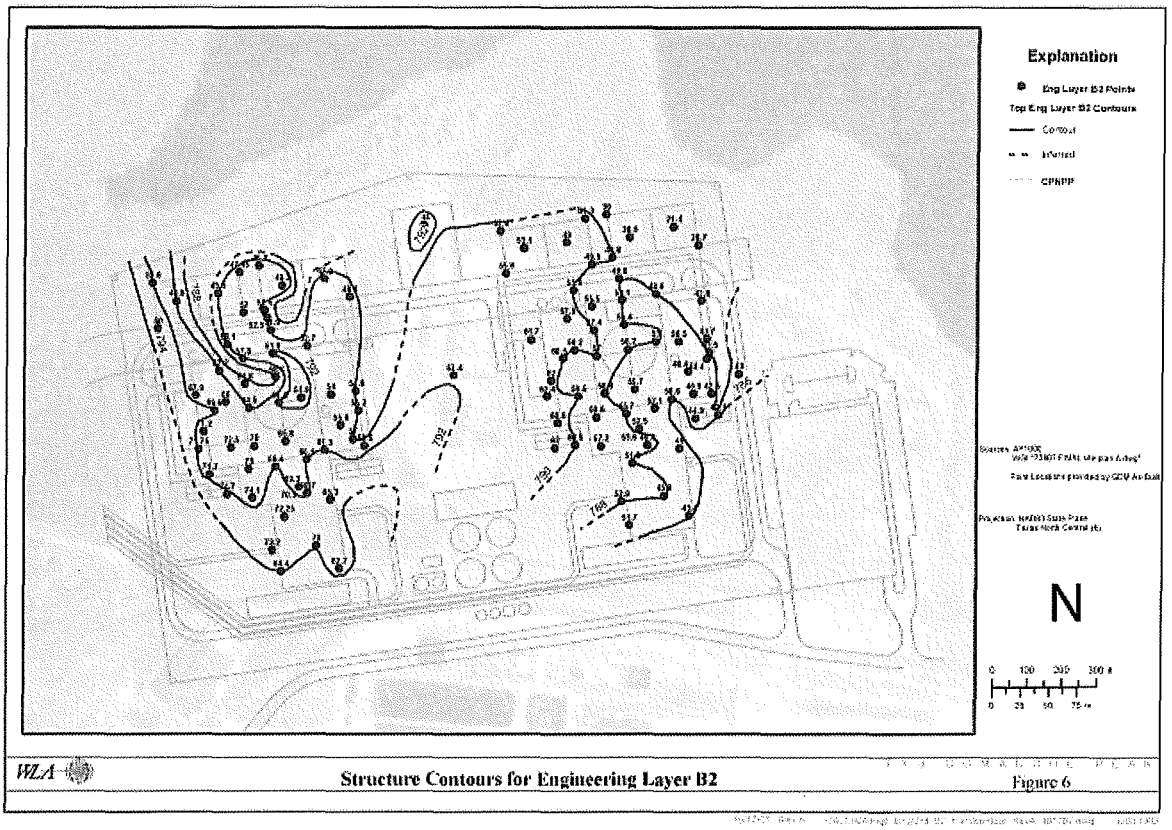


Figure 6. Structure Contour-Layer B2

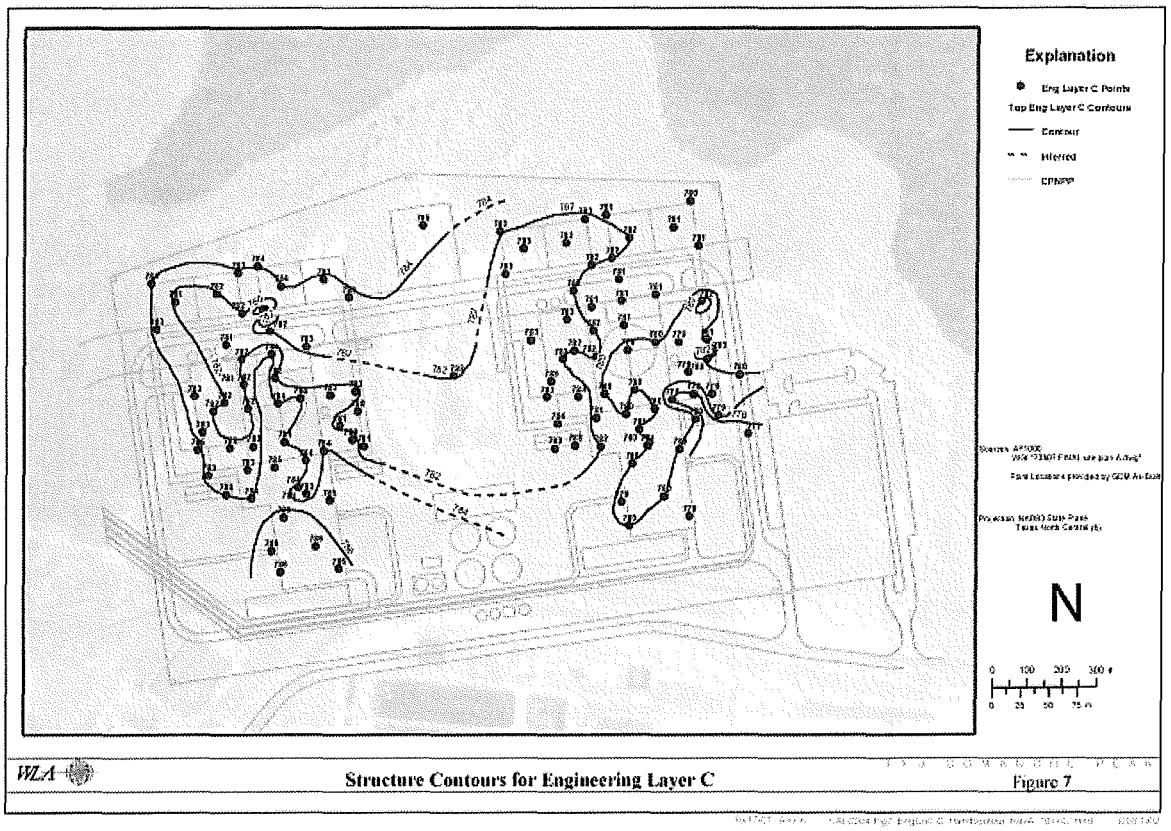


Figure 7. Structure Contour-Layer C (Foundation-Bearing Layer)

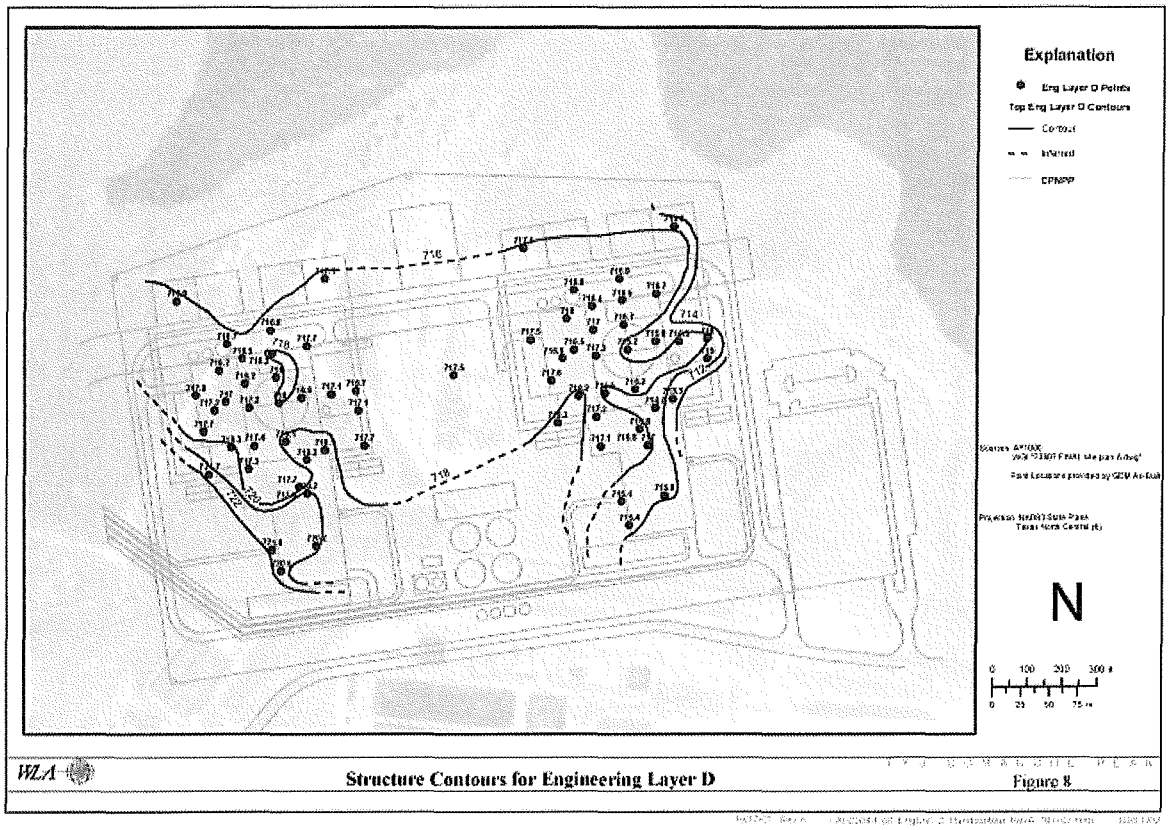


Figure 8. Structure Contour-Layer D

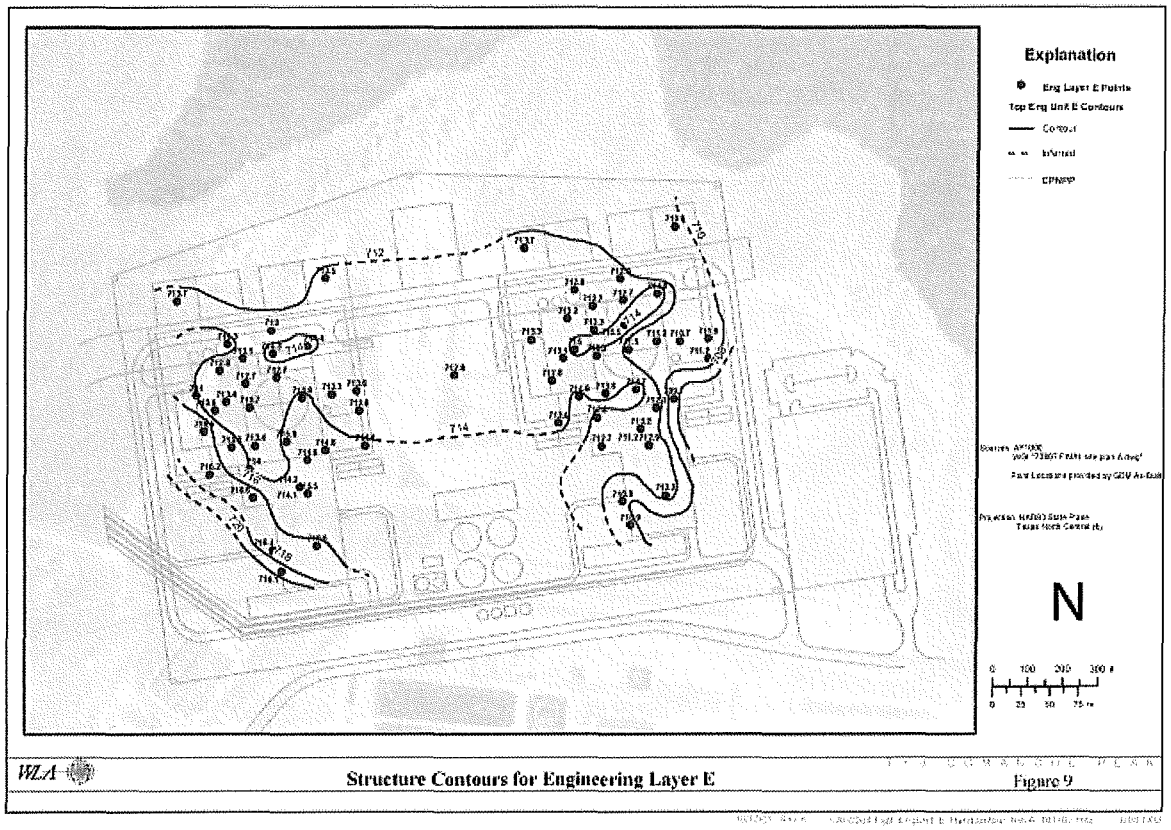


Figure 9. Structure Contour-Layer E

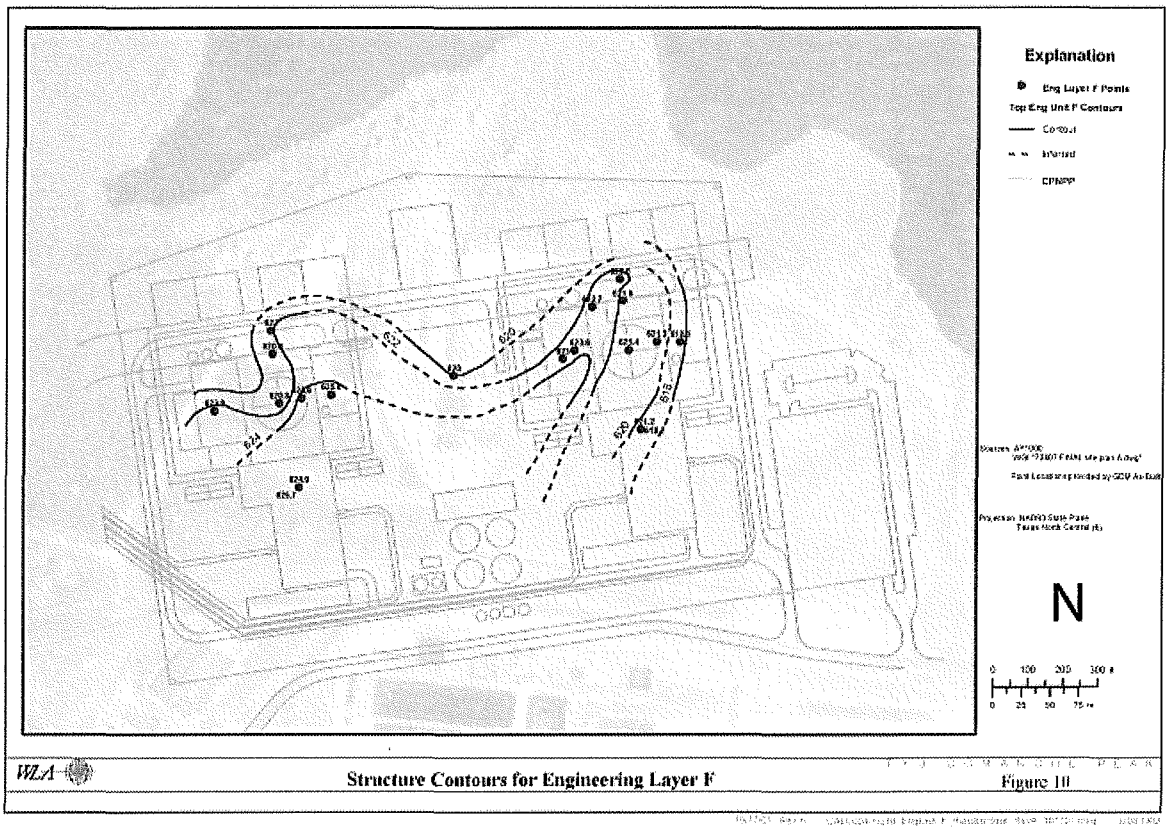


Figure 10. Structure Contour-Layer F

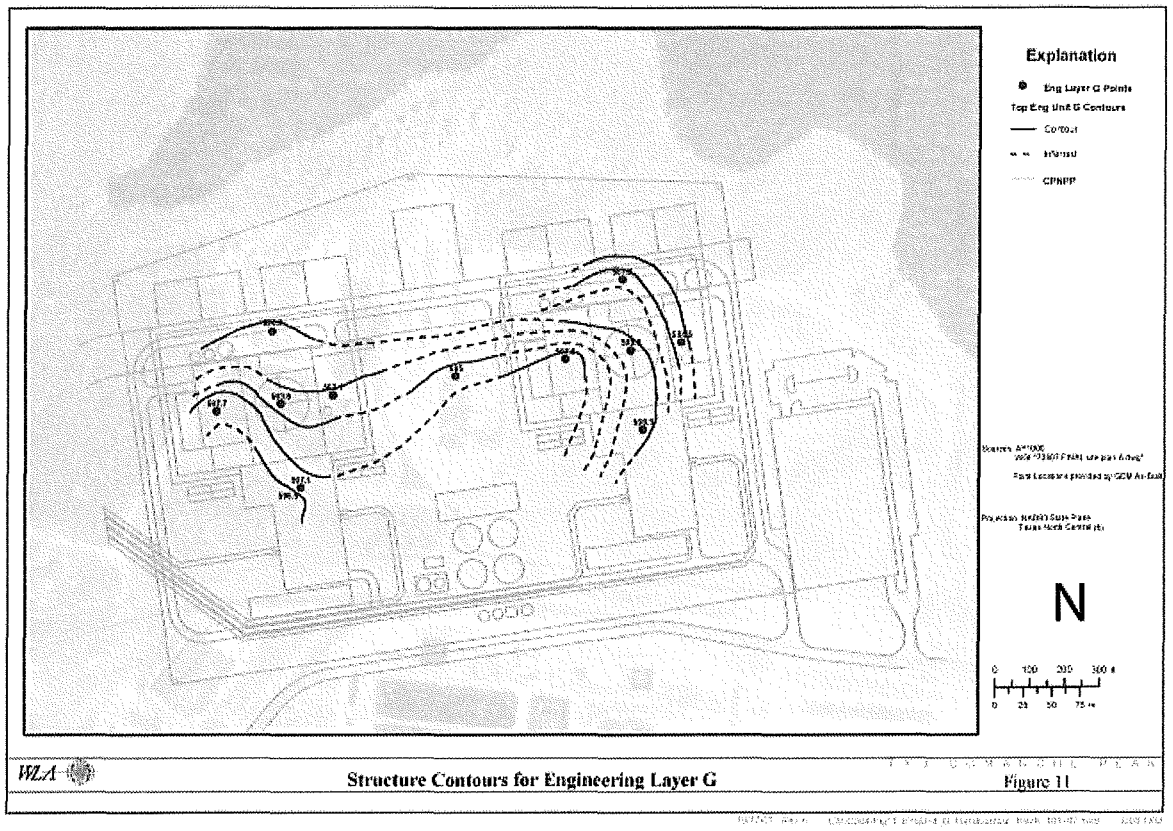
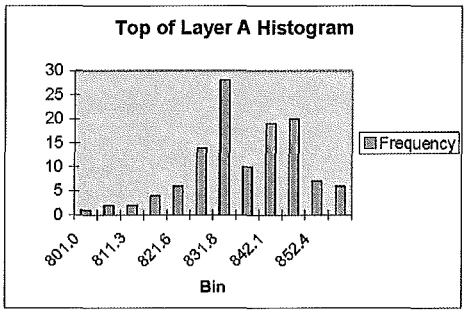
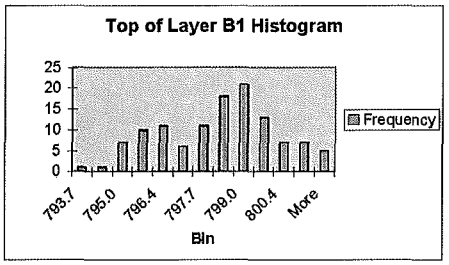


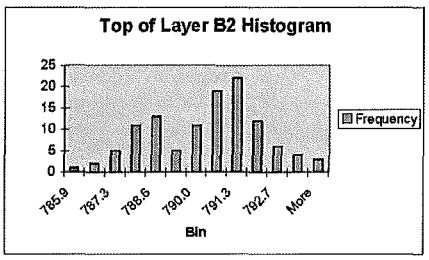
Figure 11. Structure Contour-Layer G



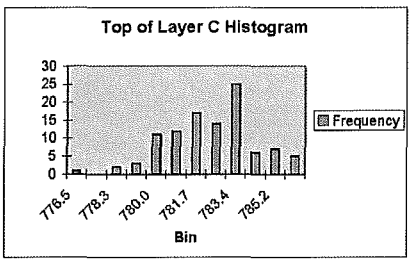
Bin (Ft)	Frequency
801.0	1
806.1	2
811.3	2
816.4	4
821.6	6
826.7	14
831.8	28
837.0	10
842.1	19
847.3	20
852.4	7
More	6



Bin (Ft)	Frequency
793.7	1
794.4	1
795.0	7
795.7	10
796.4	11
797.0	6
797.7	11
798.4	18
799.0	21
799.7	13
800.4	7
801.0	7
More	5

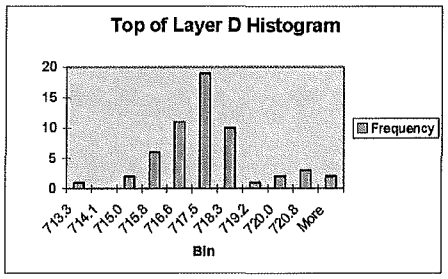


Bin (Ft)	Frequency
785.9	1
786.6	2
787.3	5
787.9	11
788.6	13
789.3	5
790.0	11
790.7	19
791.3	22
792.0	12
792.7	6
793.4	4
More	3

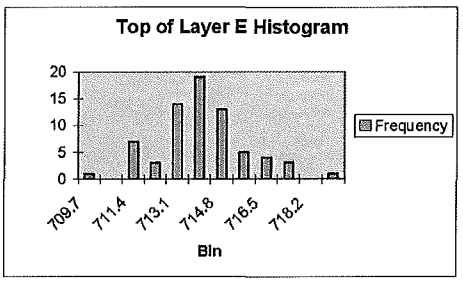


Bin (Ft)	Frequency
776.5	1
777.4	0
778.3	2
779.1	3
780.0	11
780.8	12
781.7	17
782.6	14
783.4	25
784.3	6
785.2	7
More	5

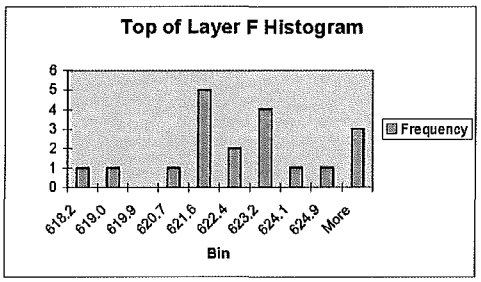
Figure 12. Histograms for top layers (sheet 1 of 3).



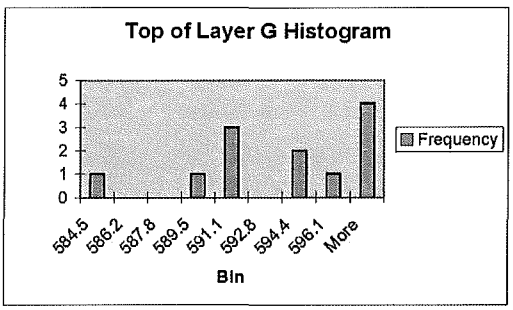
Bin (Ft)	Frequency
713.3	1
714.1	0
715.0	2
715.8	6
716.6	11
717.5	19
718.3	10
719.2	1
720.0	2
720.8	3
More	2



Bin (Ft)	Frequency
709.7	1
710.5	0
711.4	7
712.2	3
713.1	14
713.9	19
714.8	13
715.7	5
716.5	4
717.4	3
718.2	0
More	1

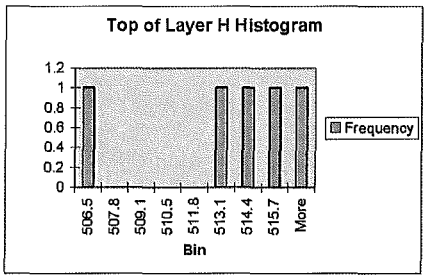


Bin (Ft)	Frequency
618.2	1
619.0	1
619.9	0
620.7	1
621.6	5
622.4	2
623.2	4
624.1	1
624.9	1
More	3

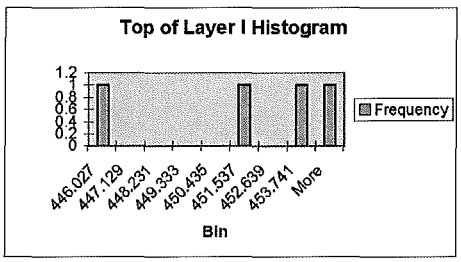


Bin (Ft)	Frequency
584.5	1
586.2	0
587.8	0
589.5	1
591.1	3
592.8	0
594.4	2
596.1	1
More	4

Figure 12. Histograms for top layers (sheet 2 of 3).

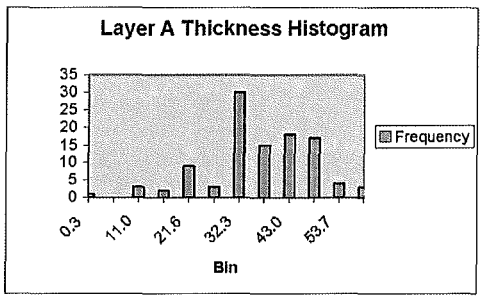


Bin (Ft)	Frequency
506.5	1
507.8	0
509.1	0
510.5	0
511.8	0
513.1	1
514.4	1
515.7	1
More	1

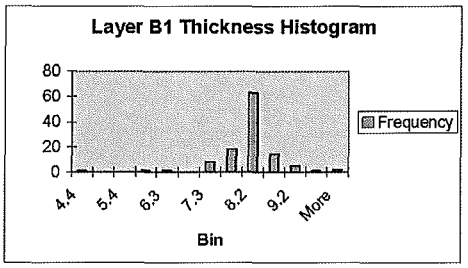


Bin (Ft)	Frequency
446.027	1
447.129	0
448.231	0
449.333	0
450.435	0
451.537	1
452.639	0
453.741	1
More	1

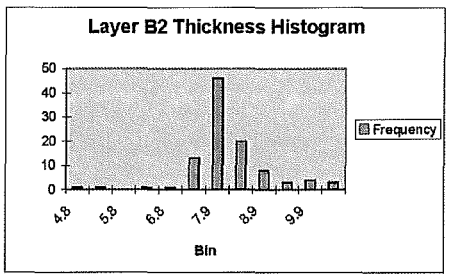
Figure 12. Histograms for top layers (sheet 3 of 3).



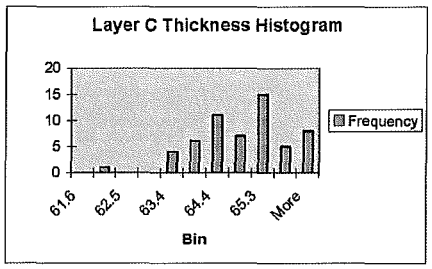
Bin (Ft)	Frequency
0.3	1
5.6	0
11.0	3
16.3	2
21.6	9
27.0	3
32.3	30
37.7	15
43.0	18
48.3	17
53.7	4
More	3



Bin (Ft)	Frequency
4.4	1
4.9	0
5.4	0
5.8	1
6.3	1
6.8	0
7.3	8
7.7	18
8.2	63
8.7	14
9.2	5
9.6	1
More	2

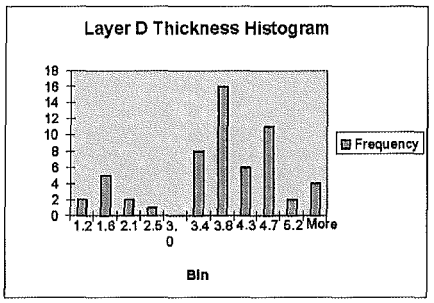


Bin (Ft)	Frequency
4.8	1
5.3	1
5.8	0
6.3	1
6.8	1
7.3	13
7.9	46
8.4	20
8.9	8
9.4	3
9.9	4
More	3

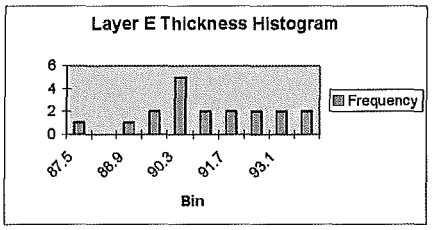


Bin (Ft)	Frequency
61.6	0
62.1	1
62.5	0
63.0	0
63.4	4
63.9	6
64.4	11
64.8	7
65.3	15
65.7	5
More	8

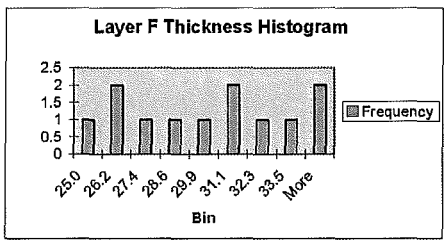
Figure 13. Histograms for layer thickness (sheet 1 of 3).



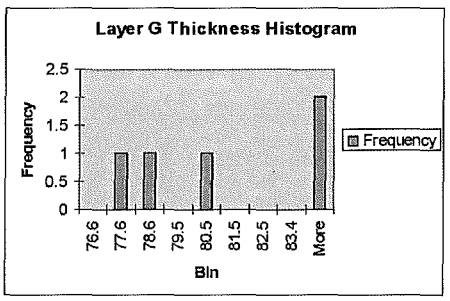
Bin (Ft)	Frequency
1.2	2
1.6	5
2.1	2
2.5	1
3.0	0
3.4	8
3.8	16
4.3	6
4.7	11
5.2	2
More	4



Bin (Ft)	Frequency
87.5	1
88.2	0
88.9	1
89.6	2
90.3	5
91.0	2
91.7	2
92.4	2
93.1	2
More	2

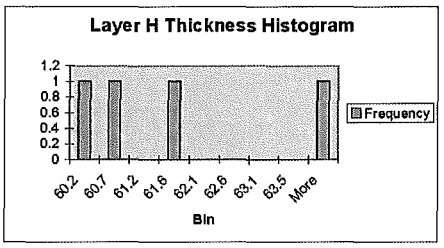


Bin (Ft)	Frequency
25.0	1
26.2	2
27.4	1
28.6	1
29.9	1
31.1	2
32.3	1
33.5	1
More	2



Bin (Ft)	Frequency
76.6	0
77.6	1
78.6	1
79.5	0
80.5	1
81.5	0
82.5	0
83.4	0
More	2

Figure 13. Histograms for layer thickness (sheet 2 of 3).



Bin (Ft)	Frequency
60.2	1
60.7	1
61.2	0
61.6	1
62.1	0
62.6	0
63.1	0
63.5	0
More	1

Figure 13. Histograms for layer thickness (sheet 3 of 3).

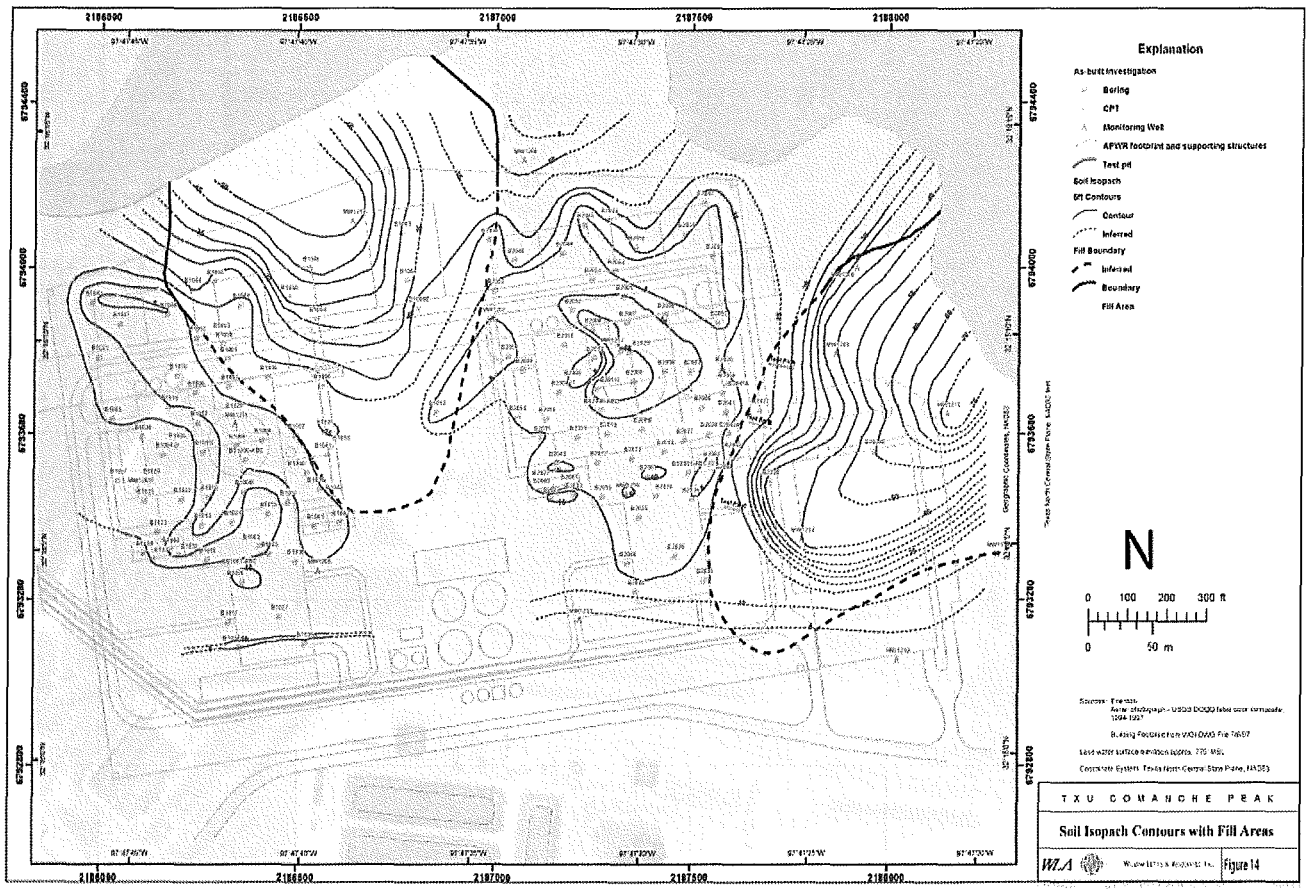
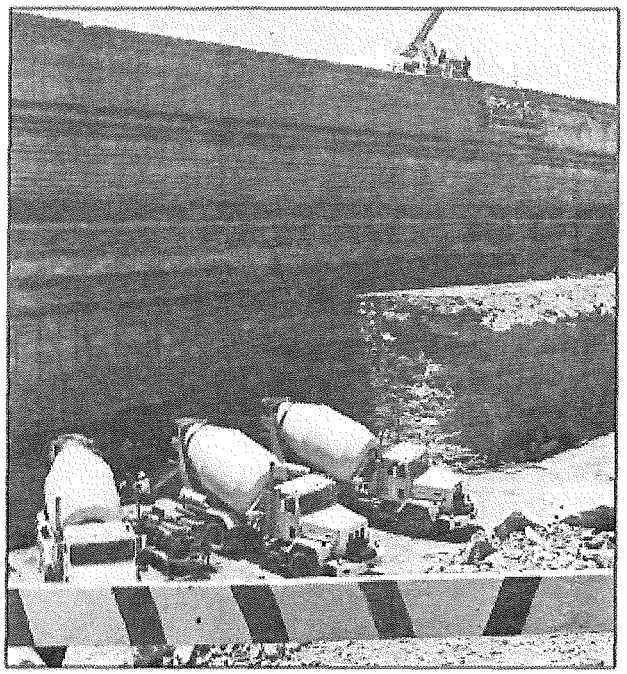


Figure 14. Soil Isopach Map

MONTHLY PROGRESS REPORT NO. 10
PERIOD ENDING AUGUST 31, 1975

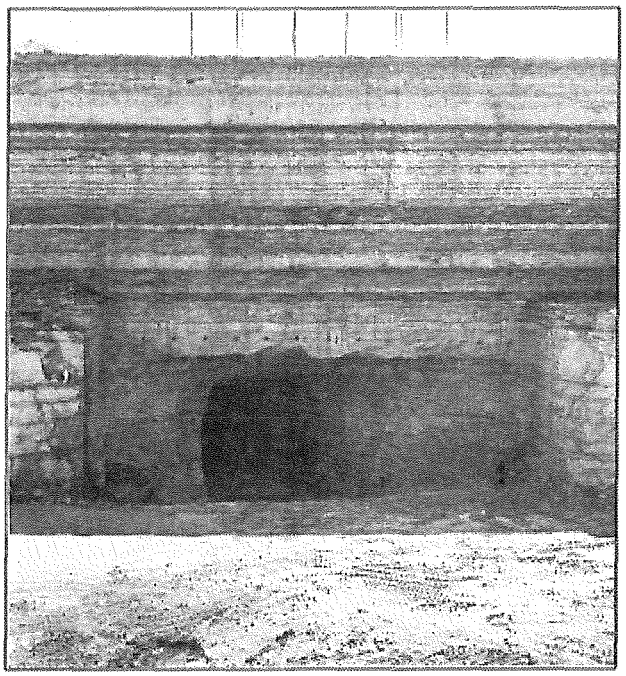


NUMBER 87
AUGUST 8, 1975

TEXAS UTILITIES SERVICES, INC.
COMANCHE PEAK STEAM ELECTRIC STATION
1980-82 2300 MW INSTALLATION

TURBINE GENERATOR AREA. BOTTOM–PUMPING CONCRETE INTO UNIT 1 CIRCULATING WATER DISCHARGE TUNNEL; TOP–SCALING SOUTH EXCAVATION WALL. VIEW TO SOUTHWEST

MONTHLY CONSTRUCTION PROGRESS REPORT NO. 11
PERIOD ENDING SEPTEMBER 30, 1975



NUMBER 101
SEPTEMBER 22, 1975

TEXAS UTILITIES SERVICES, INC.
COMANCHE PEAK STEAM ELECTRIC STATION
1980-82 2300 MW INSTALLATION

UNIT 1 TURBINE DISCHARGE WATERBOX OVERHANG EXCAVATION. VIEW TO SOUTH

Figure 15

Figure 15. Historic Excavation Photo

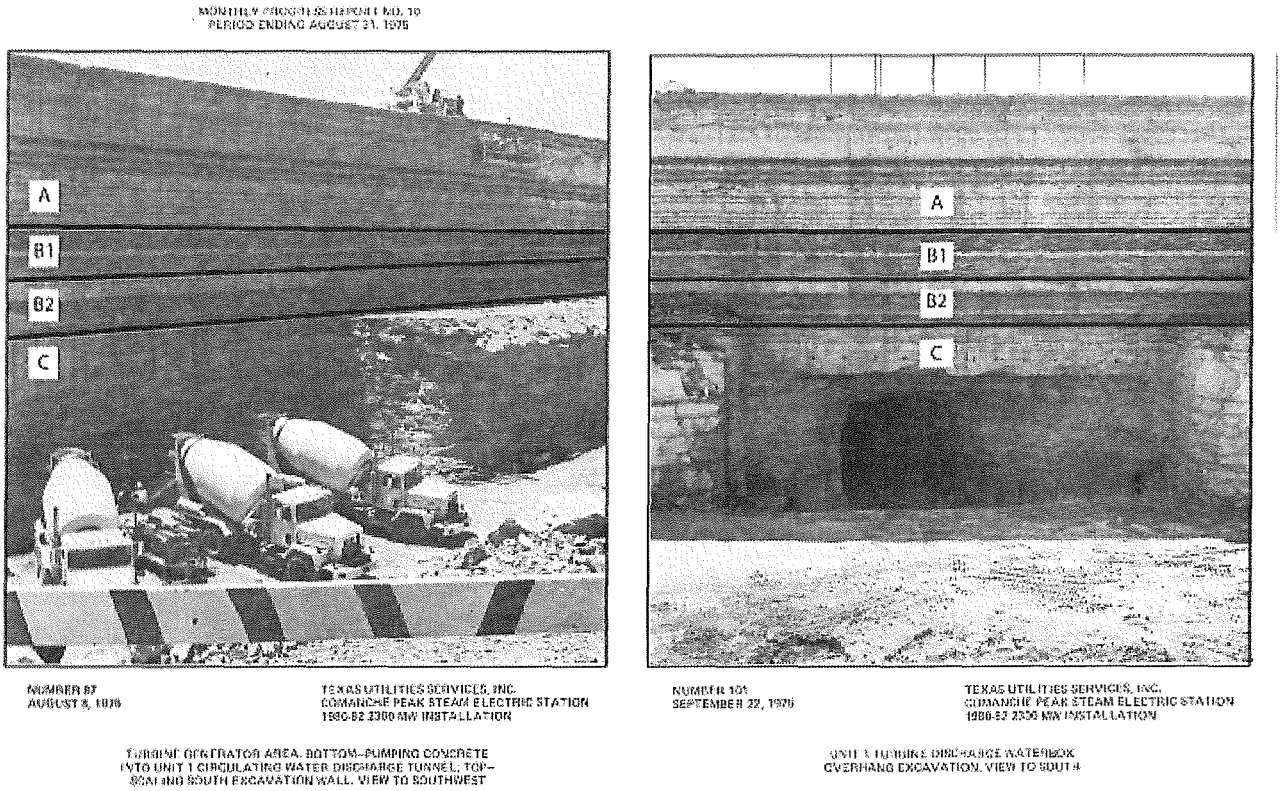


Figure 16

Figure 16. Historic Excavation Photo: With Stratigraphic Layers

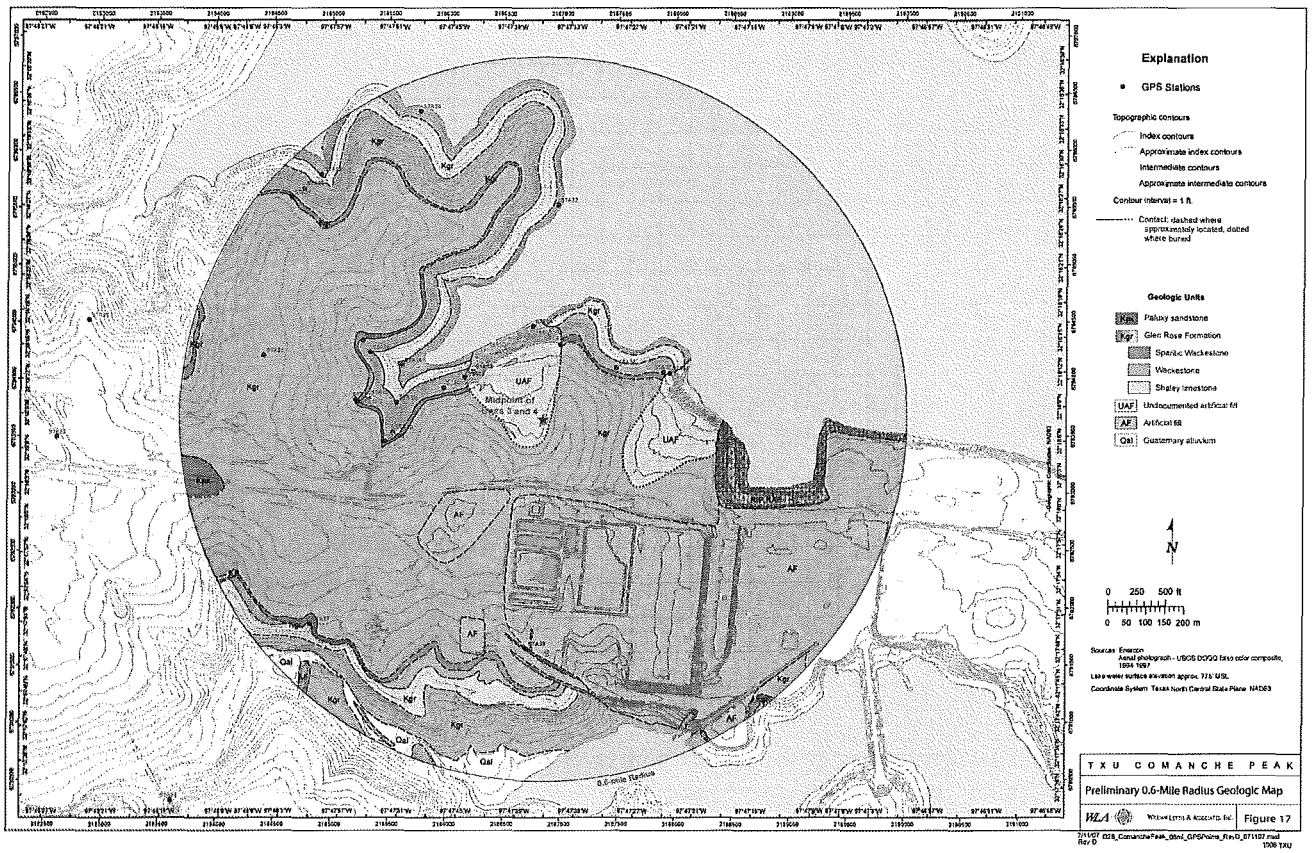


Figure 17. 0.6-Mile Geologic Map

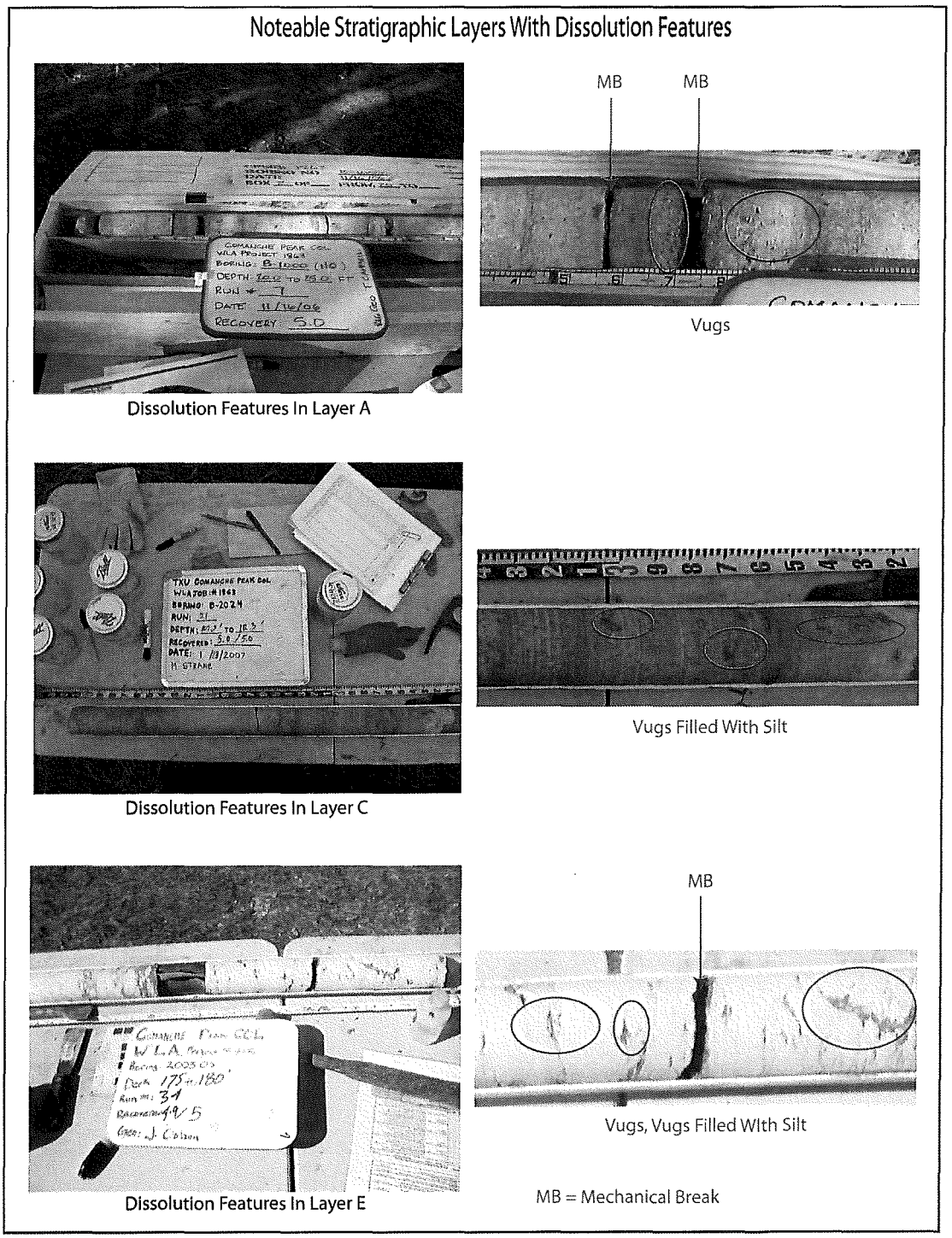


Figure 18. Vugs in Layers A, C, & E

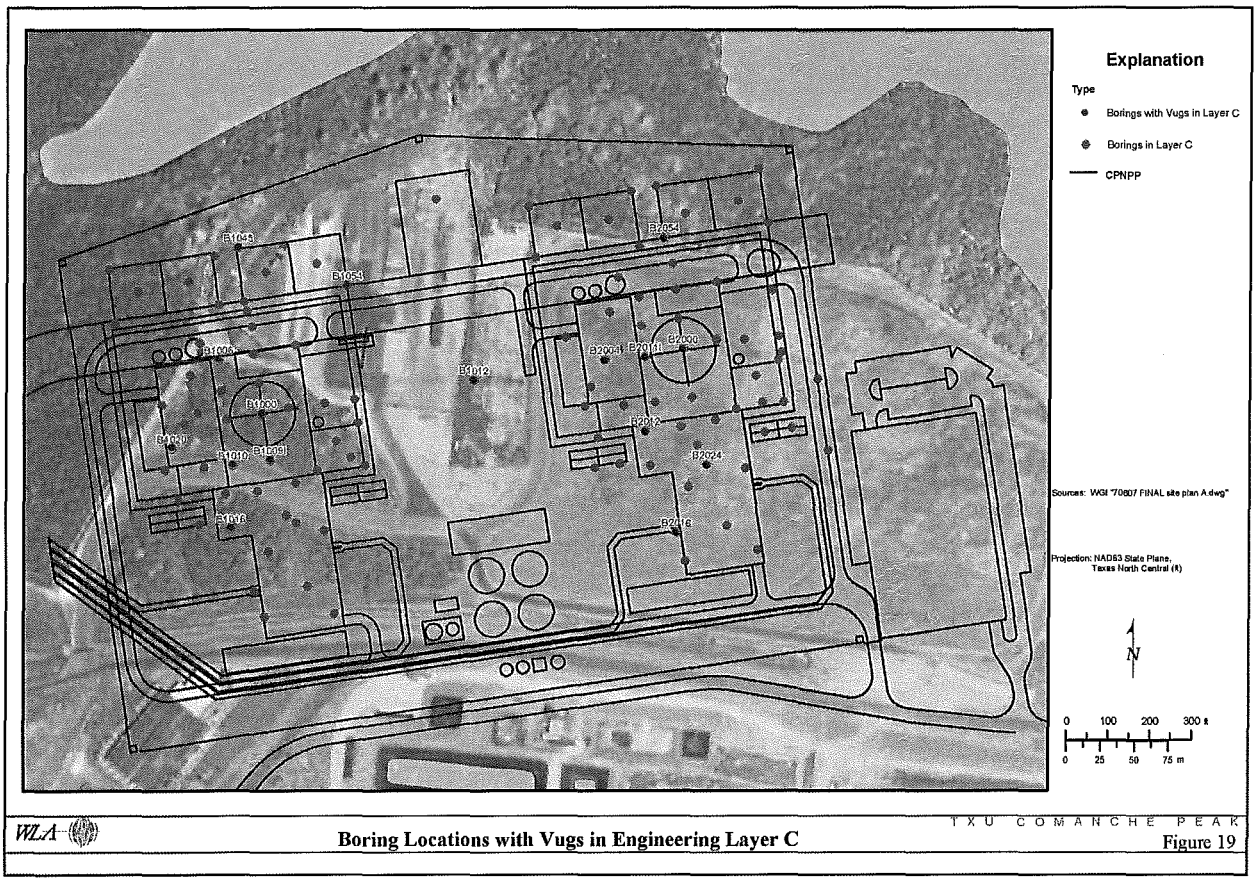


Figure 19. Vug Locations in Layer C

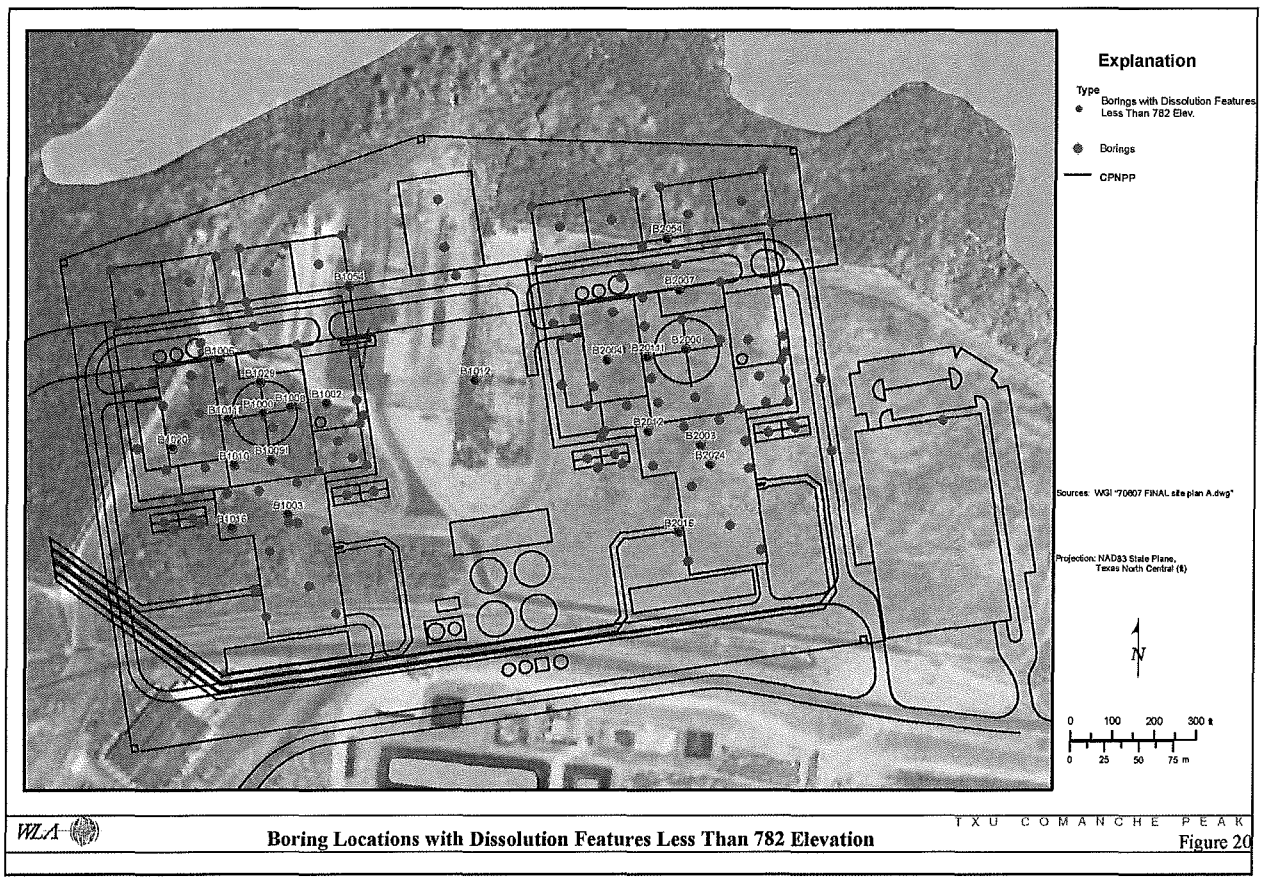
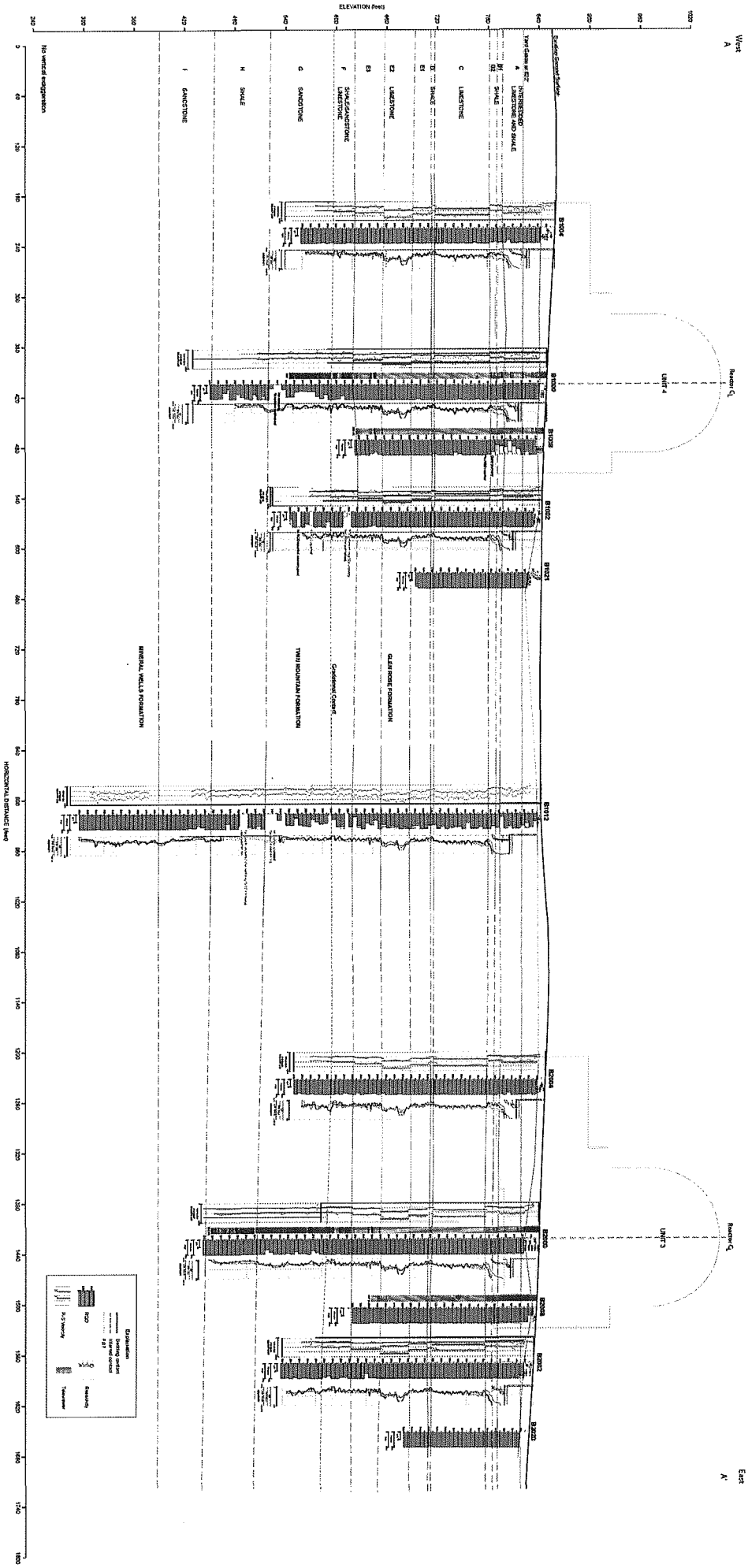
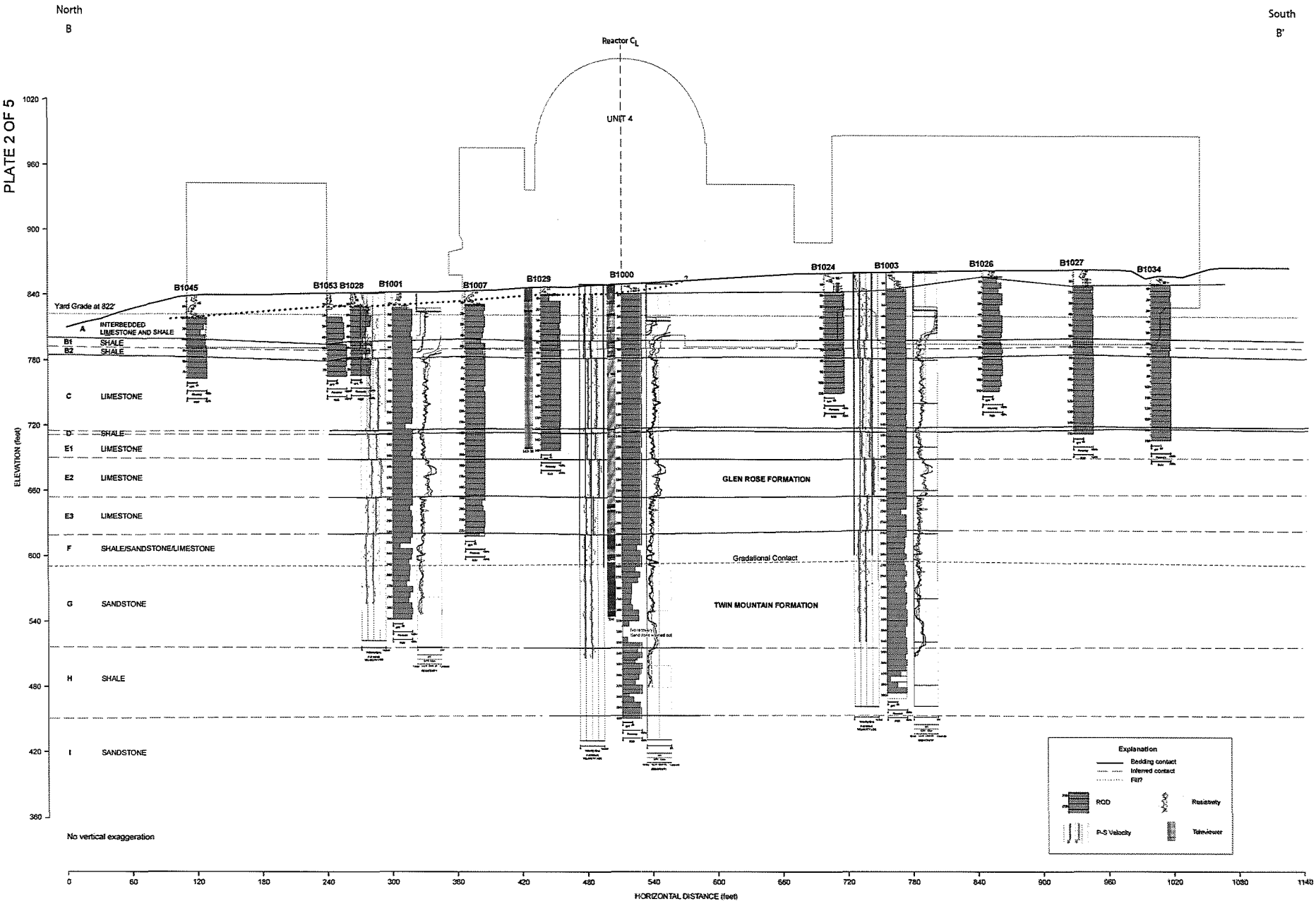


Figure 20. Dissolution Features/Vug Locations Below 782'



TXU COMANCHE PEAK SES

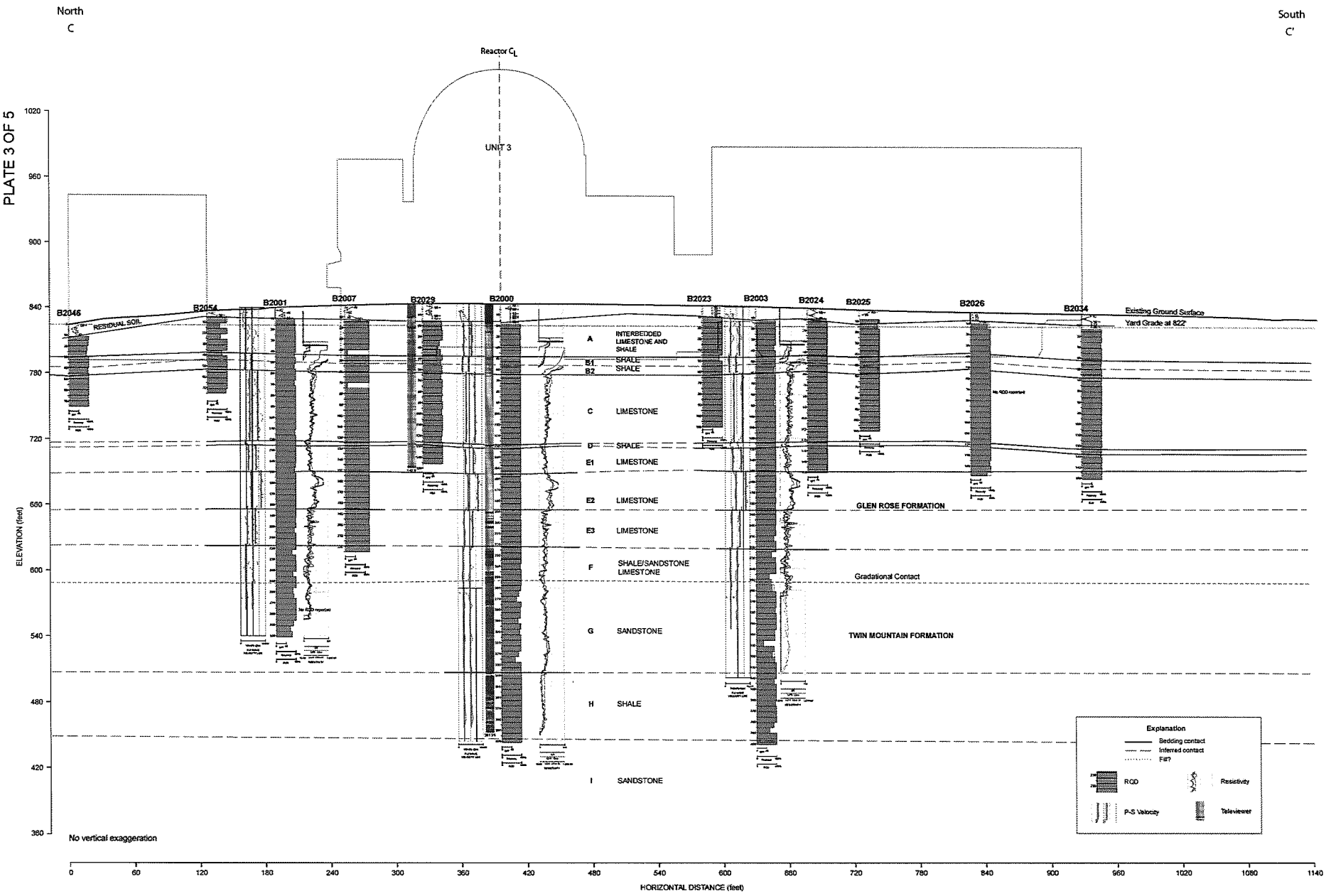
Units 3 and 4, East-West
Engineering Cross Section A-A'
Plate 1



TXU COMANCHE PEAK COL

Unit 4, North-South
Engineering Cross Section B–B'

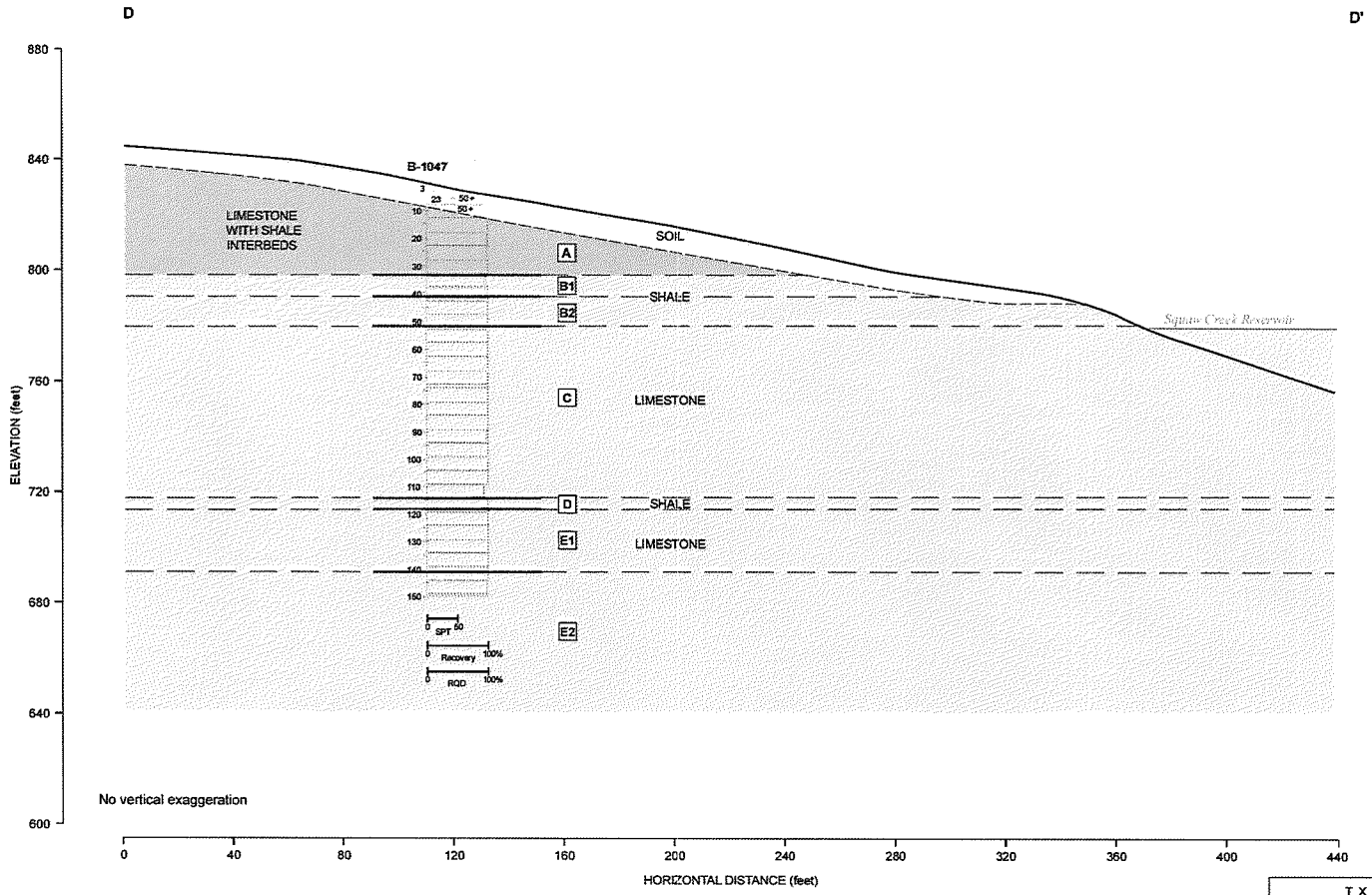
Plate 2



TXU COMANCHE PEAK COL

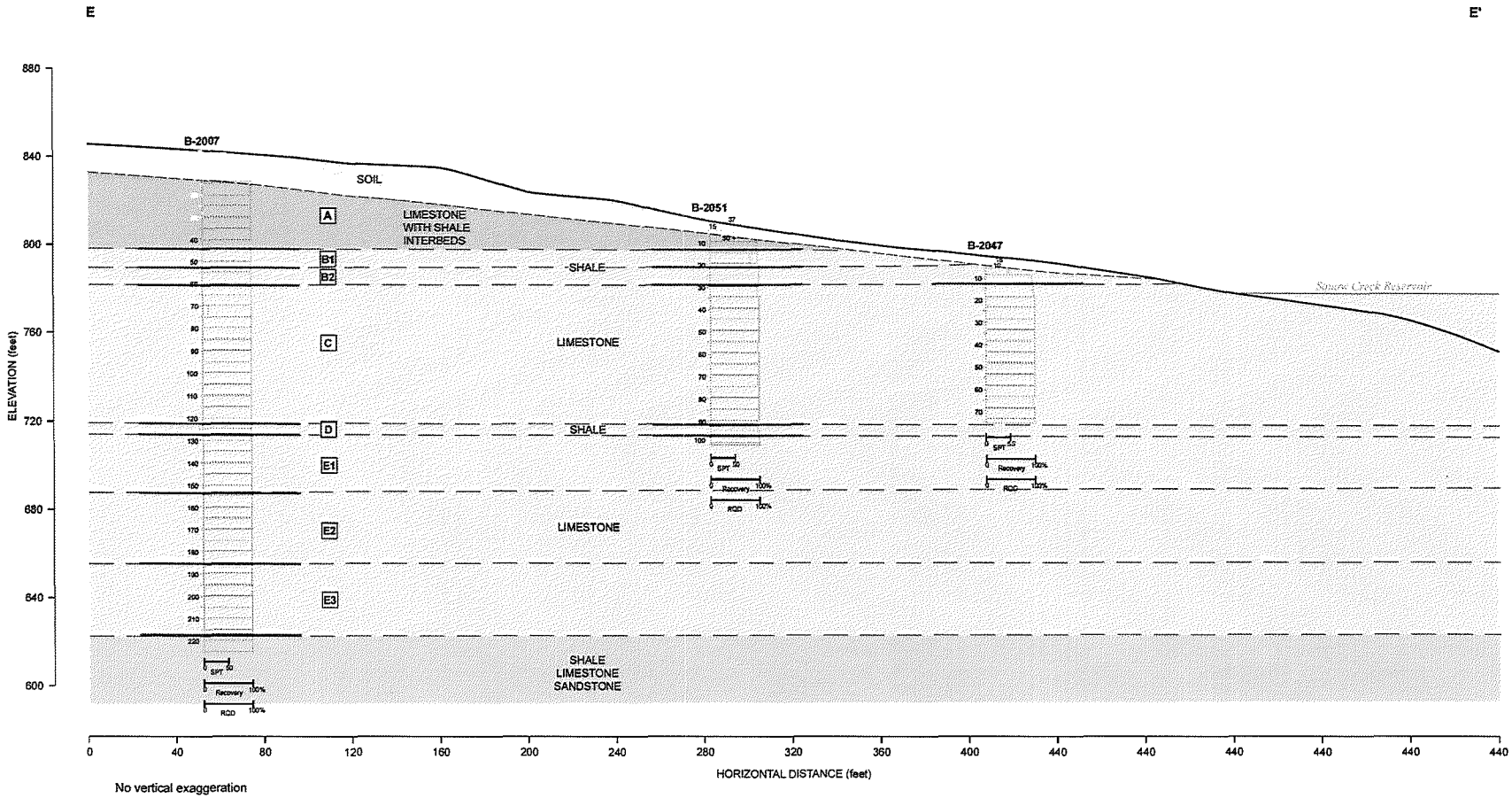
Unit 3, North-South
Engineering Cross Section C–C'

Plate 3



Notes:
1) Slope geometry below the water line is from a USGS topographic map prior to the constrcution of the resevoir and may not be accurate.
2) Surface geometry represents existing conditions (pre-construction).

TXU COMANCE PEAK	
Unit 3 Slope Stability Cross Section D–D'	
WLA William Lettis & Associates, Inc.	Plate 4



No vertical exaggeration

Notes:
1) Slope geometry below the water line is from a USGS topographic map prior to the construction of the resevoir and may not be accurate.
2) Surface geometry represents existing conditions (pre-construction).

TXU COMANCE PEAK	
Unit 4 Slope Stability Cross Section E–E'	
WLA William Lettis & Associates, Inc.	Plate 5

Table CALC-004-2

Stratigraphic Layer Rock Quality Designation

PointID	Depth	Bottom	Run Number	Recovery	RQD	Elevation	Beginning Elevation	Ending Elevation
B-1000	8.7	13.7	4	5	100	851.01	842.31	837.31
B-1000	13.7	15	5	1.6	100	851.01	837.31	836.01
B-1000	15	20	6	5.1	100	851.01	836.01	831.01
B-1000	20	25	7	5	100	851.01	831.01	826.01
B-1000	25	30	8	5.1	100	851.01	826.01	821.01
B-1000	30	35	9	5.1	100	851.01	821.01	816.01
B-1000	35	40	10	5	100	851.01	816.01	811.01
B-1000	40	45	11	5.1	100	851.01	811.01	806.01
B-1000	45	50	12	5	100	851.01	806.01	801.01
B-1000	50	55	13	5	100	851.01	801.01	796.01
B-1000	55	60	14	5	100	851.01	796.01	791.01
B-1000	60	65	15	5.1	100	851.01	791.01	786.01
B-1000	65	70	16	5.2	100	851.01	786.01	781.01
B-1000	70	75	17	5	100	851.01	781.01	776.01
B-1000	75	80	18	5.1	100	851.01	776.01	771.01
B-1000	80	85	19	4.8	96	851.01	771.01	766.01
B-1000	85	90	20	5.2	100	851.01	766.01	761.01
B-1000	90	95	21	5	100	851.01	761.01	756.01
B-1000	95	100	22	5.2	100	851.01	756.01	751.01
B-1000	100	105	23	4.8	96	851.01	751.01	746.01
B-1000	105	110	24	4.9	98	851.01	746.01	741.01
B-1000	110	115	25	5	100	851.01	741.01	736.01
B-1000	115	120	26	5.1	100	851.01	736.01	731.01
B-1000	120	125	27	5.1	100	851.01	731.01	726.01
B-1000	125	130	28	5	100	851.01	726.01	721.01
B-1000	130	135	29	5.1	100	851.01	721.01	716.01
B-1000	135	140	30	4.9	98	851.01	716.01	711.01
B-1000	140	145	31	5	100	851.01	711.01	706.01
B-1000	145	150	32	5.2	100	851.01	706.01	701.01
B-1000	150	155	33	4.7	94	851.01	701.01	696.01
B-1000	155	160	34	5	100	851.01	696.01	691.01
B-1000	160	165	35	5.1	100	851.01	691.01	686.01
B-1000	165	170	36	5	100	851.01	686.01	681.01
B-1000	170	175	37	5	100	851.01	681.01	676.01
B-1000	175	180	38	4.9	98	851.01	676.01	671.01
B-1000	180	185	39	5.1	100	851.01	671.01	666.01
B-1000	185	190	40	5	100	851.01	666.01	661.01
B-1000	190	195	41	5	100	851.01	661.01	656.01
B-1000	195	200	42	5	100	851.01	656.01	651.01
B-1000	200	205	43	5	100	851.01	651.01	646.01
B-1000	205	210	44	4.9	98	851.01	646.01	641.01
B-1000	210	215	45	4.9	98	851.01	641.01	636.01
B-1000	215	220	46	5	100	851.01	636.01	631.01
B-1000	220	225	47	4.9	98	851.01	631.01	626.01
B-1000	225	230	48	5	100	851.01	626.01	621.01
B-1000	230	235	49	5	100	851.01	621.01	616.01
B-1000	235	240	50	5	100	851.01	616.01	611.01
B-1000	240	245	51	3.7	74	851.01	611.01	606.01
B-1000	245	250	52	4.7	94	851.01	606.01	601.01
B-1000	250	255	53	5.1	100	851.01	601.01	596.01
B-1000	255	260	54	5	100	851.01	596.01	591.01
B-1000	260	265	55	3.3	66	851.01	591.01	586.01
B-1000	265	270	56	4.6	92	851.01	586.01	581.01
B-1000	270	275	57	3.9	78	851.01	581.01	576.01
B-1000	275	280	58	2.3	46	851.01	576.01	571.01
B-1000	280	285	59	2.3	46	851.01	571.01	566.01
B-1000	285	290	60	2.2	44	851.01	566.01	561.01
B-1000	290	295	61	2.1	42	851.01	561.01	556.01
B-1000	295	300	62	2.5	50	851.01	556.01	551.01
B-1000	300	305	63	4.1	82	851.01	551.01	546.01
B-1000	305	310	64	4.2	82	851.01	546.01	541.01
B-1000	310	315	65	1.6	32	851.01	541.01	536.01
B-1000	315	320	66	0	0	851.01	536.01	531.01
B-1000	320	325	67	0	0	851.01	531.01	526.01

B-1000	325	330	68	1.3	26	851.01	526.01	521.01
B-1000	330	335	69	5	100	851.01	521.01	516.01
B-1000	335	339	70	3.8	76	851.01	516.01	512.01
B-1000	339	344	71	5	100	851.01	512.01	507.01
B-1000	344	346	72	1.5	75	851.01	507.01	505.01
B-1000	346	349	73	1.9	63	851.01	505.01	502.01
B-1000	349	354	74	5	100	851.01	502.01	497.01
B-1000	354	359	75	4.7	94	851.01	497.01	492.01
B-1000	359	364	76	4.2	82	851.01	492.01	487.01
B-1000	364	369	77	3.2	64	851.01	487.01	482.01
B-1000	369	373	78	4.2	100	851.01	482.01	478.01
B-1000	373	377	79	4.2	100	851.01	478.01	474.01
B-1000	377	380	80	1	33	851.01	474.01	471.01
B-1000	380	385	81	2.8	56	851.01	471.01	466.01
B-1000	385	390	82	4.6	92	851.01	466.01	461.01
B-1000	390	395	83	4.8	96	851.01	461.01	456.01
B-1000	395	400	84	4.8	96	851.01	456.01	451.01
B-1001	13.4	15.4	1	1.7	75	842.38	828.98	826.98
B-1001	15.4	20.4	2	5	100	842.38	826.98	821.98
B-1001	20.4	25.4	3	5	100	842.38	821.98	816.98
B-1001	25.4	30.4	4	5	100	842.38	816.98	811.98
B-1001	30.4	35.4	5	4.9	98	842.38	811.98	806.98
B-1001	35.4	40.4	6	4.6	92	842.38	806.98	801.98
B-1001	40.4	45.4	7	5	100	842.38	801.98	796.98
B-1001	45.4	50.4	8	5	100	842.38	796.98	791.98
B-1001	50.4	55.4	9	5	100	842.38	791.98	786.98
B-1001	55.4	60.4	10	5	100	842.38	786.98	781.98
B-1001	60.4	65.4	11	4.9	98	842.38	781.98	776.98
B-1001	65.4	70.4	12	5	100	842.38	776.98	771.98
B-1001	70.4	75.4	13	5	100	842.38	771.98	766.98
B-1001	75.4	80.4	14	5	100	842.38	766.98	761.98
B-1001	80.4	85.4	15	5	100	842.38	761.98	756.98
B-1001	85.4	90.4	16	4.9	98	842.38	756.98	751.98
B-1001	90.4	95.4	17	5	100	842.38	751.98	746.98
B-1001	95.4	100.4	18	5	100	842.38	746.98	741.98
B-1001	100.4	105.4	19	4.7	94	842.38	741.98	736.98
B-1001	105.4	110.4	20	5	100	842.38	736.98	731.98
B-1001	110.4	115.4	21	5	100	842.38	731.98	726.98
B-1001	115.4	120.4	22	4.8	96	842.38	726.98	721.98
B-1001	120.4	125.4	23	3.1	62	842.38	721.98	716.98
B-1001	125.4	130.4	24	5	100	842.38	716.98	711.98
B-1001	130.4	135.4	25	5	100	842.38	711.98	706.98
B-1001	135.4	140.4	26	5	100	842.38	706.98	701.98
B-1001	140.4	145.4	27	5	100	842.38	701.98	696.98
B-1001	145.4	150.4	28	4.6	92	842.38	696.98	691.98
B-1001	150.4	155.4	29	5	100	842.38	691.98	686.98
B-1001	155.4	160.4	30	5	100	842.38	686.98	681.98
B-1001	160.4	165.4	31	5.1	100	842.38	681.98	676.98
B-1001	165.4	170.4	32	5	100	842.38	676.98	671.98
B-1001	170.4	175.4	33	5	100	842.38	671.98	666.98
B-1001	175.4	180.4	34	4.9	98	842.38	666.98	661.98
B-1001	180.4	185.4	35	5	100	842.38	661.98	656.98
B-1001	185.4	190.4	36	5	100	842.38	656.98	651.98
B-1001	190.4	195.4	37	5	100	842.38	651.98	646.98
B-1001	195.4	200.4	38	4.3	86	842.38	646.98	641.98
B-1001	200.4	205.4	39	4.7	94	842.38	641.98	636.98
B-1001	205.4	210.4	40	5	100	842.38	636.98	631.98
B-1001	210.4	215.4	41	4.9	98	842.38	631.98	626.98
B-1001	215.4	220.4	42	5	100	842.38	626.98	621.98
B-1001	220.4	225.2	43	5	100	842.38	621.98	617.18
B-1001	225.4	230.4	44	4.5	90	842.38	617.18	611.98
B-1001	230.4	235.4	45	1.8	36	842.38	611.98	606.98
B-1001	235.4	240.4	46	5	100	842.38	606.98	601.98
B-1001	240.4	245.4	47	4.7	94	842.38	601.98	596.98
B-1001	245.4	250.4	48	4.1	82	842.38	596.98	591.98

B-1001	250.4	255.4	50	4.4	88	842.38	591.98	586.98
B-1001	255.4	260.4	51	4.3	86	842.38	586.98	581.98
B-1001	260.4	265.4	52	4.2	84	842.38	581.98	576.98
B-1001	265.4	270.4	53	3.4	68	842.38	576.98	571.98
B-1001	270.4	275.4	53	5	100	842.38	571.98	566.98
B-1001	275.4	280.4	54	4.3	86	842.38	566.98	561.98
B-1001	280.4	285.4	55	3.9	78	842.38	561.98	556.98
B-1001	285.4	290.4	56	4.7	94	842.38	556.98	551.98
B-1001	290.4	295.4	57	5	100	842.38	551.98	546.98
B-1001	295.4	300.4	58	4.7	94	842.38	546.98	541.98
B-1002	10.5	12.2	1	4.65	93	844.66	834.16	832.46
B-1002	12.2	17.2	2	5	100	844.66	832.46	827.46
B-1002	17.2	22.2	3	5	100	844.66	827.46	822.46
B-1002	22.2	27.2	4	5	100	844.66	822.46	817.46
B-1002	27.2	32.2	5	5	100	844.66	817.46	812.46
B-1002	32.2	37.2	6	5	100	844.66	812.46	807.46
B-1002	37.2	42.2	7	5	100	844.66	807.46	802.46
B-1002	42.2	47.2	8	4.7	94	844.66	802.46	797.46
B-1002	47.2	52.2	9	5	100	844.66	797.46	792.46
B-1002	52.2	57.2	10	5	100	844.66	792.46	787.46
B-1002	57.2	62.2	11	5	100	844.66	787.46	782.46
B-1002	62.2	67.2	12	5	100	844.66	782.46	777.46
B-1002	67.2	72.2	13	5	100	844.66	777.46	772.46
B-1002	72.2	77.2	14	5	100	844.66	772.46	767.46
B-1002	77.2	82.2	15	5	100	844.66	767.46	762.46
B-1002	82.2	87.2	16	5	100	844.66	762.46	757.46
B-1002	87.2	92.2	17	5	100	844.66	757.46	752.46
B-1002	92.2	97.2	18	5	100	844.66	752.46	747.46
B-1002	97.2	102.2	19	5	100	844.66	747.46	742.46
B-1002	102.2	107.2	20	5	100	844.66	742.46	737.46
B-1002	107.2	112.2	21	5	100	844.66	737.46	732.46
B-1002	112.2	117.2	22	5	100	844.66	732.46	727.46
B-1002	117.2	122.2	23	5	100	844.66	727.46	722.46
B-1002	122.2	127.2	24	5	100	844.66	722.46	717.46
B-1002	127.2	132.2	25	5	100	844.66	717.46	712.46
B-1002	132.2	137.2	26	5	100	844.66	712.46	707.46
B-1002	137.2	142.2	27	5	100	844.66	707.46	702.46
B-1002	142.2	147.2	28	5	100	844.66	702.46	697.46
B-1002	147.2	152.2	29	5	100	844.66	697.46	692.46
B-1002	152.2	157.2	30	5	100	844.66	692.46	687.46
B-1002	157.2	162.2	31	5	100	844.66	687.46	682.46
B-1002	162.2	167.2	32	5	100	844.66	682.46	677.46
B-1002	167.2	172.2	33	5	100	844.66	677.46	672.46
B-1002	172.2	177.2	34	5	100	844.66	672.46	667.46
B-1002	177.2	182.2	35	5	100	844.66	667.46	662.46
B-1002	182.2	187.2	36	5	100	844.66	662.46	657.46
B-1002	187.2	192.2	37	4.8	96	844.66	657.46	652.46
B-1002	192.2	197.2	38	5	100	844.66	652.46	647.46
B-1002	197.2	202.2	39	4.4	88	844.66	647.46	642.46
B-1002	202.2	207.2	40	5	94	844.66	642.46	637.46
B-1002	207.2	212.2	41	5	100	844.66	637.46	632.46
B-1002	212.2	217.2	42	5	100	844.66	632.46	627.46
B-1002	217.2	222.2	43	5	100	844.66	627.46	622.46
B-1002	222.2	227.2	44	5	100	844.66	622.46	617.46
B-1002	227.2	232.2	45	0.7		844.66	617.46	612.46
B-1002	232.2	237.2	46	1.6		844.66	612.46	607.46
B-1002	237.2	242.2	47	5	100	844.66	607.46	602.46
B-1002	242.2	247.2	48	5	100	844.66	602.46	597.46
B-1002	247.2	252.2	49	5	100	844.66	597.46	592.46
B-1002	252.2	257.2	50	3.2	64	844.66	592.46	587.46
B-1002	257.2	262.2	51	5	100	844.66	587.46	582.46
B-1002	262.2	267.2	52	4.8	96	844.66	582.46	577.46
B-1002	267.2	272.2	53	5	100	844.66	577.46	572.46
B-1002	272.2	277.2	54	4.4		844.66	572.46	567.46
B-1002	277.2	282.2	55	4	80	844.66	567.46	562.46
B-1002	282.2	287.2	56	5	100	844.66	562.46	557.46
B-1002	287.2	292.2	57	5		844.66	557.46	552.46

B-1002	292.2	297.2	58	5	100	844.66	552.46	547.46
B-1002	297.2	300.2	59	2.4	48	844.66	547.46	544.46
B-1003	16.5	20.5	1	2.85	58	861.69	845.19	841.19
B-1003	20.5	25.5	2	4.4	88	861.69	841.19	836.19
B-1003	25.5	30.5	3	3.6	72	861.69	836.19	831.19
B-1003	30.5	31.5	4	0.85	0.85	861.69	831.19	830.19
B-1003	31.5	36.5	5	5	100	861.69	830.19	825.19
B-1003	36.5	41.5	6	4.8	96	861.69	825.19	820.19
B-1003	41.5	46.5	7	5	100	861.69	820.19	815.19
B-1003	46.5	51.5	8	5	100	861.69	815.19	810.19
B-1003	51.5	56.5	9	5	100	861.69	810.19	805.19
B-1003	56.5	61.5	10	5	100	861.69	805.19	800.19
B-1003	61.5	66.5	11	5	100	861.69	800.19	795.19
B-1003	66.5	71.5	12	5	100	861.69	795.19	790.19
B-1003	71.5	76.5	13	5	100	861.69	790.19	785.19
B-1003	76.5	81.5	14	5	100	861.69	785.19	780.19
B-1003	81.5	86.5	15	5	100	861.69	780.19	775.19
B-1003	86.5	91.5	16	5	100	861.69	775.19	770.19
B-1003	91.5	96.5	17	5	100	861.69	770.19	765.19
B-1003	96.5	101.5	18	5	100	861.69	765.19	760.19
B-1003	101.5	106.5	19	5	100	861.69	760.19	755.19
B-1003	106.5	111.5	20	5	100	861.69	755.19	750.19
B-1003	111.5	116.5	21	4.8	96	861.69	750.19	745.19
B-1003	116.5	121.5	22	5	100	861.69	745.19	740.19
B-1003	121.5	126.5	23	5	100	861.69	740.19	735.19
B-1003	126.5	131.5	24	5	100	861.69	735.19	730.19
B-1003	131.5	136.5	25	5	100	861.69	730.19	725.19
B-1003	136.5	141.5	26	5	100	861.69	725.19	720.19
B-1003	141.5	146.5	27	4.9	98	861.69	720.19	715.19
B-1003	146.5	151.5	28	4.7	94	861.69	715.19	710.19
B-1003	151.5	156.5	29	5	100	861.69	710.19	705.19
B-1003	156.5	161.5	30	5	100	861.69	705.19	700.19
B-1003	161.5	166.5	31	5	100	861.69	700.19	695.19
B-1003	166.5	171.5	32	5	100	861.69	695.19	690.19
B-1003	171.5	176.5	33	5	100	861.69	690.19	685.19
B-1003	176.5	181.5	34	5	100	861.69	685.19	680.19
B-1003	181.5	186.5	35	5	100	861.69	680.19	675.19
B-1003	186.5	191.5	36	5	100	861.69	675.19	670.19
B-1003	191.5	196.5	37	5	100	861.69	670.19	665.19
B-1003	196.5	201.5	38	4.85	97	861.69	665.19	660.19
B-1003	201.5	206.5	39	5	100	861.69	660.19	655.19
B-1003	206.5	211.5	40	5	100	861.69	655.19	650.19
B-1003	211.5	216.5	41	4.6	92	861.69	650.19	645.19
B-1003	216.5	221.5	42	4.5	90	861.69	645.19	640.19
B-1003	221.5	226.5	43	5	100	861.69	640.19	635.19
B-1003	226.5	231.5	44	5	100	861.69	635.19	630.19
B-1003	231.5	236.5	45	4.8	96	861.69	630.19	625.19
B-1003	236.5	241.5	46	5.1	100	861.69	625.19	620.19
B-1003	241.5	246.5	47	5	100	861.69	620.19	615.19
B-1003	246.5	251.5	48	4.9	98	861.69	615.19	610.19
B-1003	251.5	256.5	49	5	100	861.69	610.19	605.19
B-1003	256.5	261.5	50	5	100	861.69	605.19	600.19
B-1003	261.5	266.5	51	5	100	861.69	600.19	595.19
B-1003	266.5	271.5	52	4.5	90	861.69	595.19	590.19
B-1003	271.5	276.5	53	5	100	861.69	590.19	585.19
B-1003	276.5	281.5	54	5	100	861.69	585.19	580.19
B-1003	281.5	286.5	55	5	100	861.69	580.19	575.19
B-1003	286.5	291.5	56	4.9	98	861.69	575.19	570.19
B-1003	291.5	296.5	57	4.2	84	861.69	570.19	565.19
B-1003	296.5	301.5	58	4.8	96	861.69	565.19	560.19
B-1003	301.5	306.5	59	4.8	96	861.69	560.19	555.19
B-1003	306.5	311.5	60	4.7	94	861.69	555.19	550.19
B-1003	311.5	316.5	61	5	100	861.69	550.19	545.19
B-1003	316.5	321.5	62	4.6	92	861.69	545.19	540.19
B-1003	321.5	326.5	63	4.6	92	861.69	540.19	535.19
B-1003	326.5	331.5	64	3.7	74	861.69	535.19	530.19
B-1003	331.5	336.5	65			861.69	530.19	525.19

B-1003 offset	15.5	17.5	7	4.5	90	861.77	846.27	844.27
B-1003 offset	17.5	22.5	8	5	100	861.77	844.27	839.27
B-1003 offset	22.5	27.5	9	5	100	861.77	839.27	834.27
B-1003 offset	27.5	32.5	10	5	100	861.77	834.27	829.27
B-1003 offset	32.5	37.5	11	5.2	100	861.77	829.27	824.27
B-1003 offset	37.5	42.5	12	5	100	861.77	824.27	819.27
B-1003 offset	42.5	47.5	13	5.1	100	861.77	819.27	814.27
B-1003 offset	47.5	52.5	14	5	100	861.77	814.27	809.27
B-1003 offset	52.5	57.5	15	4.9	98	861.77	809.27	804.27
B-1003 offset	57.5	62.5	16	5	100	861.77	804.27	799.27
B-1003 offset	62.5	67.5	17	5	100	861.77	799.27	794.27
B-1003 offset	67.5	72.5	18	5	100	861.77	794.27	789.27
B-1003 offset	72.5	77.5	19	5	100	861.77	789.27	784.27
B-1003 offset	77.5	82.5	20	5	100	861.77	784.27	779.27
B-1003 offset	82.5	87.5	21	4.9	98	861.77	779.27	774.27
B-1003 offset	87.5	92.5	22	5	100	861.77	774.27	769.27
B-1003 offset	92.5	97.5	23	5	100	861.77	769.27	764.27
B-1003 offset	97.5	102.5	24	5	100	861.77	764.27	759.27
B-1003 offset	102.5	107.5	25	5.1	100	861.77	759.27	754.27
B-1003 offset	107.5	112.5	26	5	100	861.77	754.27	749.27
B-1003 offset	112.5	117.5	27	5	100	861.77	749.27	744.27
B-1003 offset	117.5	122.5	28	5	100	861.77	744.27	739.27
B-1003 offset	122.5	127.5	29	5	100	861.77	739.27	734.27
B-1003 offset	127.5	132.5	30	4.8	96	861.77	734.27	729.27
B-1003 offset	132.5	137.5	31	5.2	100	861.77	729.27	724.27
B-1003 offset	137.5	142.5	32	5	100	861.77	724.27	719.27
B-1003 offset	142.5	147.5	33	5	100	861.77	719.27	714.27
B-1003 offset	147.5	152.5	34	5	100	861.77	714.27	709.27
B-1003 offset	152.5	157.5	35	5	100	861.77	709.27	704.27
B-1003 offset	157.5	162.5	36	5	100	861.77	704.27	699.27
B-1003 offset	162.5	167.5	37	5	100	861.77	699.27	694.27
B-1003 offset	167.5	172.5	38	5	100	861.77	694.27	689.27
B-1003 offset	172.5	177.5	39	5	100	861.77	689.27	684.27
B-1003 offset	177.5	182.5	40	5	100	861.77	684.27	679.27
B-1003 offset	182.5	187.5	41	5.1	100	861.77	679.27	674.27
B-1003 offset	187.5	192.5	42	5	100	861.77	674.27	669.27
B-1003 offset	192.5	197.5	43	5	100	861.77	669.27	664.27
B-1003 offset	197.5	202.5	44	5	100	861.77	664.27	659.27
B-1003 offset	202.5	207.5	45	5.1	100	861.77	659.27	654.27
B-1003 offset	207.5	212.5	46	5	100	861.77	654.27	649.27
B-1003 offset	212.5	217.5	47	4.2	84	861.77	649.27	644.27
B-1003 offset	217.5	222.5	48	4.9	98	861.77	644.27	639.27
B-1003 offset	222.5	227.5	49	5	100	861.77	639.27	634.27
B-1003 offset	227.5	232.5	50	5	100	861.77	634.27	629.27
B-1003 offset	232.5	237.5	51	5	100	861.77	629.27	624.27
B-1003 offset	237.5	242.5	52	4.6	92	861.77	624.27	619.27
B-1003 offset	242.5	247.5	53	4.6	92	861.77	619.27	614.27
B-1003 offset	247.5	252.5	54	4.4	88	861.77	614.27	609.27
B-1003 offset	252.5	257.5	55	5	100	861.77	609.27	604.27
B-1003 offset	257.5	262.5	56	4.4	88	861.77	604.27	599.27
B-1003 offset	262.5	267.5	57	4.7	94	861.77	599.27	594.27
B-1003 offset	267.5	272.5	58	5	100	861.77	594.27	589.27
B-1003 offset	272.5	277.5	59	4.5	90	861.77	589.27	584.27
B-1003 offset	277.5	282.5	60	4.8	96	861.77	584.27	579.27
B-1003 offset	282.5	287.5	61	4.5	90	861.77	579.27	574.27
B-1003 offset	287.5	292.5	62	4.9	98	861.77	574.27	569.27
B-1003 offset	292.5	297.5	63	4.9	98	861.77	569.27	564.27
B-1003 offset	297.5	302.5	64	4.7	94	861.77	564.27	559.27
B-1003 offset	302.5	307.5	65	5	100	861.77	559.27	554.27
B-1003 offset	307.5	312.5	66	5	100	861.77	554.27	549.27
B-1003 offset	312.5	317.5	67	5	100	861.77	549.27	544.27
B-1003 offset	317.5	322.5	68	4.6	92	861.77	544.27	539.27
B-1003 offset	322.5	327.5	69	4.6	92	861.77	539.27	534.27
B-1003 offset	327.5	332.5	70	4.9	98	861.77	534.27	529.27
B-1003 offset	332.5	337.5	71	4.9	98	861.77	529.27	524.27
B-1003 offset	337.5	342.5	72	5	100	861.77	524.27	519.27
B-1003 offset	342.5	347.5	73	4.6	92	861.77	519.27	514.27

B-1003 offset	347.5	352.5	74	5	100	861.77	514.27	509.27
B-1003 offset	352.5	357.5	75	5.1	94	861.77	509.27	504.27
B-1003 offset	357.5	362.5	76	5.1	80	861.77	504.27	499.27
B-1003 offset	362.5	367.5	77	5	16	861.77	499.27	494.27
B-1003 offset	367.5	372.5	78	5.2	60	861.77	494.27	489.27
B-1003 offset	372.5	377.5	79	5	100	861.77	489.27	484.27
B-1003 offset	377.5	382.5	80	5		861.77	484.27	479.27
B-1003 offset	382.5	387.5	81	0		861.77	479.27	474.27
B-1003 offset	387.5	392.5	82	0		861.77	474.27	469.27
B-1003 offset	392.5	397.5	83	0		861.77	469.27	464.27
B-1003 offset	397.5	400.5	84	0		861.77	464.27	461.27
B-1004	16.5	17.5	1	0.8	80	859.70	843.20	842.20
B-1004	17.5	22.5	2	4.9	98	859.70	842.20	837.20
B-1004	22.5	27.5	3	5	100	859.70	837.20	832.20
B-1004	27.5	32.5	4	4.9	98	859.70	832.20	827.20
B-1004	32.5	37.5	5	5.2	100	859.70	827.20	822.20
B-1004	37.5	42.5	6	4.8	96	859.70	822.20	817.20
B-1004	42.5	47.5	7	5	100	859.70	817.20	812.20
B-1004	47.5	52.5	8	5	100	859.70	812.20	807.20
B-1004	52.5	57.5	9	4	80	859.70	807.20	802.20
B-1004	57.5	62.5	10	4.9	98	859.70	802.20	797.20
B-1004	62.5	67.5	11	4.9	94	859.70	797.20	792.20
B-1004	67.5	72.5	12	4.5	90	859.70	792.20	787.20
B-1004	72.5	77.5	13	4.6	92	859.70	787.20	782.20
B-1004	77.5	82.5	14	5	100	859.70	782.20	777.20
B-1004	82.5	87.5	15	5.1	100	859.70	777.20	772.20
B-1004	87.5	92.5	16	5	100	859.70	772.20	767.20
B-1004	92.5	97.5	17	4.7	94	859.70	767.20	762.20
B-1004	97.5	102.5	18	5	100	859.70	762.20	757.20
B-1004	102.5	107.5	19	5	100	859.70	757.20	752.20
B-1004	107.5	112.5	20	4.9	98	859.70	752.20	747.20
B-1004	112.5	117.5	21	5.1	100	859.70	747.20	742.20
B-1004	117.5	122.5	22	4.9	98	859.70	742.20	737.20
B-1004	122.5	127.5	23	5.1	100	859.70	737.20	732.20
B-1004	127.5	132.5	24	4.8	96	859.70	732.20	727.20
B-1004	132.5	137.5	25	5	100	859.70	727.20	722.20
B-1004	137.5	142.5	26	5.1	100	859.70	722.20	717.20
B-1004	142.5	147.5	27	4.9	98	859.70	717.20	712.20
B-1004	147.5	152.5	28	4.9	98	859.70	712.20	707.20
B-1004	152.5	157.5	29	5.1	100	859.70	707.20	702.20
B-1004	157.5	162.5	30	5	100	859.70	702.20	697.20
B-1004	162.5	167.5	31	4.9	98	859.70	697.20	692.20
B-1004	167.5	172.5	32	5	100	859.70	692.20	687.20
B-1004	172.5	177.5	33	5	100	859.70	687.20	682.20
B-1004	177.5	182.5	34	4.8	96	859.70	682.20	677.20
B-1004	182.5	187.5	35	5.2	100	859.70	677.20	672.20
B-1004	187.5	192.5	36	4.9	98	859.70	672.20	667.20
B-1004	192.5	197.5	37	5	100	859.70	667.20	662.20
B-1004	197.5	202.5	38	5	100	859.70	662.20	657.20
B-1004	202.5	207.5	39	4.8	96	859.70	657.20	652.20
B-1004	207.5	212.5	40	4.9	98	859.70	652.20	647.20
B-1004	212.5	217.5	41	5	100	859.70	647.20	642.20
B-1004	217.5	222.5	42	4.9	98	859.70	642.20	637.20
B-1004	222.5	227.5	43	5.1	100	859.70	637.20	632.20
B-1004	227.5	232.5	44	5	100	859.70	632.20	627.20
B-1004	232.5	237.5	45	5	100	859.70	627.20	622.20
B-1004	237.5	242.5	46	4.9	98	859.70	622.20	617.20
B-1004	242.5	247.5	47	4.8	96	859.70	617.20	612.20
B-1004	247.5	252.5	48	5	100	859.70	612.20	607.20
B-1004	252.5	257.5	49	5	100	859.70	607.20	602.20
B-1004	257.5	262.5	50	5.3	100	859.70	602.20	597.20
B-1004	262.5	267.5	51	4.8	96	859.70	597.20	592.20
B-1004	267.5	272.5	52	5.2	100	859.70	592.20	587.20
B-1004	272.5	277.5	53	4.7	94	859.70	587.20	582.20
B-1004	277.5	282.5	54	4.9	98	859.70	582.20	577.20
B-1004	282.5	287.5	55	5.3	100	859.70	577.20	572.20
B-1004	287.5	292.5	56	4.1	100	859.70	572.20	567.20

B-1004	292.5	297	57	5.3	100	859.70	567.20	562.70
B-1004	297	301.5	58	5	100	859.70	562.70	558.20
B-1005	17	20	8	2.7	90	857.02	840.02	837.02
B-1005	20	25	9	4.8	96	857.02	837.02	832.02
B-1005	25	30	10	4.9	98	857.02	832.02	827.02
B-1005	30	35	11	5	100	857.02	827.02	822.02
B-1005	35	40	12	4.9	98	857.02	822.02	817.02
B-1005	40	45	13	5	100	857.02	817.02	812.02
B-1005	45	50	14	5	100	857.02	812.02	807.02
B-1005	50	55	15	5	100	857.02	807.02	802.02
B-1005	55	60	16	4.8	96	857.02	802.02	797.02
B-1005	60	65	17	5.2	100	857.02	797.02	792.02
B-1005	65	70	18	4.8	96	857.02	792.02	787.02
B-1005	70	75	19	4.6	92	857.02	787.02	782.02
B-1005	75	80	20	5.2	100	857.02	782.02	777.02
B-1005	80	85	21	5	100	857.02	777.02	772.02
B-1005	85	90	22	5	100	857.02	772.02	767.02
B-1005	90	95	23	5.1	100	857.02	767.02	762.02
B-1005	95	100	24	4.9	98	857.02	762.02	757.02
B-1005	100	105	25	5.1	100	857.02	757.02	752.02
B-1005	105	110	26	4.9	98	857.02	752.02	747.02
B-1005	110	115	27	5	100	857.02	747.02	742.02
B-1005	115	120	28	5	100	857.02	742.02	737.02
B-1005	120	125	29	5	100	857.02	737.02	732.02
B-1005	125	130	30	5	100	857.02	732.02	727.02
B-1005	130	135	31	5	100	857.02	727.02	722.02
B-1005	135	140	32	0		857.02	722.02	717.02
B-1005	140	145	33	5.1	100	857.02	717.02	712.02
B-1005	145	150	34	4.9	98	857.02	712.02	707.02
B-1005	150	155	35	5	100	857.02	707.02	702.02
B-1005	155	160	36	5	100	857.02	702.02	697.02
B-1005	160	165	37	5	100	857.02	697.02	692.02
B-1005	165	170	38	4.8	96	857.02	692.02	687.02
B-1005	170	175	39	5	100	857.02	687.02	682.02
B-1005	175	180	40	5.2	100	857.02	682.02	677.02
B-1005	180	185	41	5	100	857.02	677.02	672.02
B-1005	185	190	42	5.1	100	857.02	672.02	667.02
B-1005	190	195	43	4.9	98	857.02	667.02	662.02
B-1005	195	200	44	4.8	96	857.02	662.02	657.02
B-1005	200	205	45	4.9	98	857.02	657.02	652.02
B-1005	205	210	46	5	100	857.02	652.02	647.02
B-1005	210	214	47	3.5	87.5	857.02	647.02	643.02
B-1005	214	215	48	0	0	857.02	643.02	642.02
B-1005	215	220	49	4.7	94	857.02	642.02	637.02
B-1005	220	225	50	5	100	857.02	637.02	632.02
B-1006	7.2	12.2	1	4.6	92	847.72	840.52	835.52
B-1006	12.2	17.2	2	4.8	96	847.72	835.52	830.52
B-1006	17.2	22.2	3	5.1	86	847.72	830.52	825.52
B-1006	22.2	27.2	4	5	100	847.72	825.52	820.52
B-1006	27.2	32.2	5	5	100	847.72	820.52	815.52
B-1006	32.2	37.2	6	5.1	100	847.72	815.52	810.52
B-1006	37.2	42.2	7	4.5	90	847.72	810.52	805.52
B-1006	42.2	47.2	8	4.4	88	847.72	805.52	800.52
B-1006	47.2	52.2	9	4.6	92	847.72	800.52	795.52
B-1006	52.2	57.2	10	4.9	98	847.72	795.52	790.52
B-1006	57.2	62.2	11	4	80	847.72	790.52	785.52
B-1006	62.2	66.2	12	5	100	847.72	785.52	781.52
B-1006	66.2	67.2	13	1.1	100	847.72	781.52	780.52
B-1006	67.2	72.2	14	4.9	98	847.72	780.52	775.52
B-1006	72.2	77.2	15	5.1	100	847.72	775.52	770.52
B-1006	77.2	82.2	16	4.8	96	847.72	770.52	765.52
B-1006	82.2	87.2	17	5.1	100	847.72	765.52	760.52
B-1006	87.2	92.2	18	5.2	100	847.72	760.52	755.52
B-1006	92.2	97.2	19	4.8	96	847.72	755.52	750.52
B-1006	97.2	102.2	20	5	100	847.72	750.52	745.52
B-1006	102.2	107.2	21	5	100	847.72	745.52	740.52
B-1006	107.2	112.2	22	5	100	847.72	740.52	735.52

B-1006	112.2	117.2	23	4.8	96	847.72	735.52	730.52
B-1006	117.2	122.2	24	5.2	100	847.72	730.52	725.52
B-1006	122.2	127.2	25	5	100	847.72	725.52	720.52
B-1006	127.2	132.2	26	3.9	78	847.72	720.52	715.52
B-1006	132.2	133.2	27	1.3	100	847.72	715.52	714.52
B-1006	133.2	137.2	28	4	100	847.72	714.52	710.52
B-1006	137.2	138.2	29	0.7	70	847.72	710.52	709.52
B-1006	138.2	142.2	30	4.2	100	847.72	709.52	705.52
B-1006	142.2	147.2	31	5	100	847.72	705.52	700.52
B-1006	147.2	152.2	32	5	100	847.72	700.52	695.52
B-1006	152.2	157.2	33	5	100	847.72	695.52	690.52
B-1006	157.2	162.2	34	4.9	98	847.72	690.52	685.52
B-1006	162.2	167.2	35	5.1	100	847.72	685.52	680.52
B-1006	167.2	172.2	36	5	100	847.72	680.52	675.52
B-1006	172.2	177.2	37	5	100	847.72	675.52	670.52
B-1006	177.2	182.2	38	4.9	98	847.72	670.52	665.52
B-1006	182.2	187.2	39	4.9	98	847.72	665.52	660.52
B-1006	187.2	192.2	40	5.2	100	847.72	660.52	655.52
B-1006	192.2	197.2	41	4.6	92	847.72	655.52	650.52
B-1006	197.2	202.2	42	4.9	98	847.72	650.52	645.52
B-1006	202.2	207.2	43	4.1	82	847.72	645.52	640.52
B-1006	207.2	212.2	44	5.2	100	847.72	640.52	635.52
B-1006	212.2	217.2	45	5.1	100	847.72	635.52	630.52
B-1006	217.2	222.2	46	5	100	847.72	630.52	625.52
B-1006	222.2	225	47	2.9	100	847.72	625.52	622.72
B-1006E	29	30.4	1	4.45	89			
B-1006E	30.4	35.4	2	4.8	77			
B-1006E	35.4	40.4	3	4.7	94			
B-1006E	40.4	45.4	4	4.4	88			
B-1006E	45.4	50.4	5	5	100			
B-1006E	50.4	55.4	6	5.1	100			
B-1006E	55.4	57.4	7	2.85	57			
B-1006E	57.4	60.4	8	5.35	100			
B-1006E	60.4	65.4	9	5.4	100			
B-1006E	65.4	70.4	10	4.3	86			
B-1006E	70.4	75.4	11	4.35	87			
B-1007	11.5	12.3	1	5	100	843.62	832.12	831.32
B-1007	12.3	17.3	2	5	100	843.62	831.32	826.32
B-1007	17.3	22.3	3	4.7	94	843.62	826.32	821.32
B-1007	22.3	27.3	4	5	100	843.62	821.32	816.32
B-1007	27.3	32.3	5	5	100	843.62	816.32	811.32
B-1007	32.3	37.3	6	4.7	94	843.62	811.32	806.32
B-1007	37.3	42.3	7	4.4	88	843.62	806.32	801.32
B-1007	42.3	47.3	8	4	80	843.62	801.32	796.32
B-1007	47.3	52.7	9	5.3	100	843.62	796.32	790.92
B-1007	52.7	56.7	10	4.4	88	843.62	790.92	786.92
B-1007	56.7	61.7	11	5	100	843.62	786.92	781.92
B-1007	61.7	66.7	12	5	100	843.62	781.92	776.92
B-1007	66.7	71.7	13	5	100	843.62	776.92	771.92
B-1007	71.7	76.7	14	5	100	843.62	771.92	766.92
B-1007	76.7	81.7	15	5	100	843.62	766.92	761.92
B-1007	81.7	86.7	16	5	100	843.62	761.92	756.92
B-1007	86.7	91.7	17	4.6	92	843.62	756.92	751.92
B-1007	91.7	96.7	18	5	100	843.62	751.92	746.92
B-1007	96.7	101.7	19	5	100	843.62	746.92	741.92
B-1007	101.7	106.7	20	5	100	843.62	741.92	736.92
B-1007	106.7	111.7	21	5	100	843.62	736.92	731.92
B-1007	111.7	116.7	22	5	100	843.62	731.92	726.92
B-1007	116.7	121.7	23	5	100	843.62	726.92	721.92
B-1007	121.7	126.7	24	5	100	843.62	721.92	716.92
B-1007	126.7	131.7	25	5	100	843.62	716.92	711.92
B-1007	131.7	136.7	26	5	100	843.62	711.92	706.92
B-1007	136.7	141.7	27	5	100	843.62	706.92	701.92
B-1007	141.7	146.7	28	5	100	843.62	701.92	696.92
B-1007	146.7	151.7	29	5	100	843.62	696.92	691.92
B-1007	151.7	156.7	30	5	100	843.62	691.92	686.92
B-1007	156.7	161.7	31	5	100	843.62	686.92	681.92

B-1007	161.7	166.7	32	5	100	843.62	681.92	676.92
B-1007	166.7	171.7	33	5	100	843.62	676.92	671.92
B-1007	171.7	176.7	34	5	100	843.62	671.92	666.92
B-1007	176.7	181.7	35	5	100	843.62	666.92	661.92
B-1007	181.7	186.7	36	5	100	843.62	661.92	656.92
B-1007	186.7	191.7	37	5	100	843.62	656.92	651.92
B-1007	191.7	196.7	38	4.2	84	843.62	651.92	646.92
B-1007	196.7	201.7	39	4.5	90	843.62	646.92	641.92
B-1007	201.7	206.7	40	5	100	843.62	641.92	636.92
B-1007	206.7	211.7	41	5	100	843.62	636.92	631.92
B-1007	211.7	216.7	42	5	100	843.62	631.92	626.92
B-1007	216.7	221.7	43	4.8	96	843.62	626.92	621.92
B-1007	221.7	225	44	3.5	70	843.62	621.92	618.62
B-1008	9.5	13.2	1	3.7	97	847.56	838.06	834.36
B-1008	13.2	18.2	2	5	98	847.56	834.36	829.36
B-1008	18.2	23.2	3	5	80	847.56	829.36	824.36
B-1008	23.2	28.2	4	5	100	847.56	824.36	819.36
B-1008	28.2	33.2	5	5.2	62	847.56	819.36	814.36
B-1008	33.2	38.2	6	4.8	44	847.56	814.36	809.36
B-1008	38.2	43.2	7	4.1	80	847.56	809.36	804.36
B-1008	43.2	48.2	8	4.7	48	847.56	804.36	799.36
B-1008	48.2	53.2	9	4.7	42	847.56	799.36	794.36
B-1008	53.2	58.2	10	5.2	32	847.56	794.36	789.36
B-1008	58.2	63.2	11	3.9	78	847.56	789.36	784.36
B-1008	63.2	68.2	12	4.75	95	847.56	784.36	779.36
B-1008	68.2	73.2	13	4.9	98	847.56	779.36	774.36
B-1008	73.2	78.2	14	5.3	100	847.56	774.36	769.36
B-1008	78.2	83.2	15	4.9	98	847.56	769.36	764.36
B-1008	83.2	88.2	16	4.9	98	847.56	764.36	759.36
B-1008	88.2	93.2	17	5.3	100	847.56	759.36	754.36
B-1008	93.2	98.2	18	5.2	100	847.56	754.36	749.36
B-1008	98.2	103.2	19	4.6	92	847.56	749.36	744.36
B-1008	103.2	108.2	20	5.2	82	847.56	744.36	739.36
B-1008	108.2	113.2	21	5	100	847.56	739.36	734.36
B-1008	113.2	118.2	22	4.9	98	847.56	734.36	729.36
B-1008	118.2	123.2	23	5	100	847.56	729.36	724.36
B-1008	123.2	128.2	24	5	100	847.56	724.36	719.36
B-1008	128.2	133.2	25	5	92	847.56	719.36	714.36
B-1008	133.2	138.2	26	5	100	847.56	714.36	709.36
B-1008	138.2	143.2	27	5	100	847.56	709.36	704.36
B-1008	143.2	148.2	28	5.2	100	847.56	704.36	699.36
B-1008	148.2	153.2	29	5	100	847.56	699.36	694.36
B-1008	153.2	158.2	30	5	100	847.56	694.36	689.36
B-1008	158.2	163.2	31	5.4	100	847.56	689.36	684.36
B-1008	163.2	168.2	32	5.05	100	847.56	684.36	679.36
B-1008	168.2	173.2	33	4.9	98	847.56	679.36	674.36
B-1008	173.2	178.2	34	5.05	100	847.56	674.36	669.36
B-1008	178.2	183.2	35	5.1	100	847.56	669.36	664.36
B-1008	183.2	188.2	36	5.1	100	847.56	664.36	659.36
B-1008	188.2	193.2	37	4.95	100	847.56	659.36	654.36
B-1008	193.2	198.2	38	4.7	94	847.56	654.36	649.36
B-1008	198.2	203.2	39	4.5	80	847.56	649.36	644.36
B-1008	203.2	208.2	40	4.5	90	847.56	644.36	639.36
B-1008	208.2	212.7	41	4.5	100	847.56	639.36	634.86
B-1008	212.7	213.2	41a	0	0	847.56	634.86	634.36
B-1008	213.2	218.2	42	4.8	96	847.56	634.36	629.36
B-1008	218.2	223.2	43	5	100	847.56	629.36	624.36
B-1008	223.2	225.2	44	2.2	100	847.56	624.36	622.36
B-1009-I	17.8	20.6	1	5	96	857.20	839.40	836.60
B-1009-I	20.6	25.6	2	4.8	96	857.20	836.60	831.60
B-1009-I	25.6	30.6	3	5	96	857.20	831.60	826.60
B-1009-I	30.6	35.6	4	5.1	100	857.20	826.60	821.60
B-1009-I	35.6	40.6	5	4.9	98	857.20	821.60	816.60
B-1009-I	40.6	45.6	6	5.2	100	857.20	816.60	811.60
B-1009-I	45.6	50.6	7	4.85	97	857.20	811.60	806.60
B-1009-I	50.6	55.6	8	5.1	100	857.20	806.60	801.60
B-1009-I	55.6	60.6	9	5	100	857.20	801.60	796.60

B-1009-I	60.6	65.6	10	5.1	100	857.20	796.60	791.60
B-1009-I	65.6	70.6	11	4.9	98	857.20	791.60	786.60
B-1009-I	70.6	75.6	12	5.1	100	857.20	786.60	781.60
B-1009-I	75.6	80.6	13	3.9	78	857.20	781.60	776.60
B-1009-I	80.6	83.6	14	6.65	100	857.20	776.60	773.60
B-1009-I	83.6	85.6	15	5	100	857.20	773.60	771.60
B-1009-I	85.6	90.6	16	4.95	99	857.20	771.60	766.60
B-1009-I	90.6	95.6	17	5	100	857.20	766.60	761.60
B-1009-I	95.6	100.6	18	5	100	857.20	761.60	756.60
B-1009-I	100.6	105.6	19	5	100	857.20	756.60	751.60
B-1009-I	105.6	110.6	20	5.1	100	857.20	751.60	746.60
B-1009-I	110.6	115.6	21	4.95	99	857.20	746.60	741.60
B-1009-I	115.6	120.6	22	4.9	98	857.20	741.60	736.60
B-1009-I	120.6	125.6	23	5	100	857.20	736.60	731.60
B-1009-I	125.6	130.6	24	5	100	857.20	731.60	726.60
B-1009-I	130.6	135.6	25	5	100	857.20	726.60	721.60
B-1009-I	135.6	140.6	26	4.9	98	857.20	721.60	716.60
B-1009-I	140.6	145.6	27	5	100	857.20	716.60	711.60
B-1009-I	145.6	150.6	28	5.15	100	857.20	711.60	706.60
B-1009-I	150.6	155.6	29	4.3	86	857.20	706.60	701.60
B-1009-I	155.6	158.6	30	6.1	100	857.20	701.60	698.60
B-1009-I	158.6	160.6	31	4.75	95	857.20	698.60	696.60
B-1009-I	160.6	165.6	32	4.7	94	857.20	696.60	691.60
B-1009-I	165.6	168.6	33	5.65	100	857.20	691.60	688.60
B-1009-I	168.6	170.6	34	4.75	95	857.20	688.60	686.60
B-1009-I	170.6	175.6	35	4.6	92	857.20	686.60	681.60
B-1009-I	175.6	178.6	36	5.65	100	857.20	681.60	678.60
B-1009-I	178.6	180.6	37	5.15	100	857.20	678.60	676.60
B-1009-I	180.6	185.6	38	4.9	98	857.20	676.60	671.60
B-1009-I	185.6	190.6	39	4.9	98	857.20	671.60	666.60
B-1009-I	190.6	195.6	40	5.1	100	857.20	666.60	661.60
B-1009-I	195.6	200.6	41	5	100	857.20	661.60	656.60
B-1009-I	200.6	205.6	42	5	100	857.20	656.60	651.60
B-1009-I	205.6	210.6	43	5	100	857.20	651.60	646.60
B-1009-I	210.6	215.6	44	4.85	97	857.20	646.60	641.60
B-1009-I	215.6	220.6	45	5	100	857.20	641.60	636.60
B-1009-I	220.6	225.6	46	5.15	100	857.20	636.60	631.60
B-1010	15	20	1	4.8	60	861.44	846.44	841.44
B-1010	20	25	2	5	100	861.44	841.44	836.44
B-1010	25	30	3	4.9	98	861.44	836.44	831.44
B-1010	30	35	4	4.9	86	861.44	831.44	826.44
B-1010	35	40	5	5	100	861.44	826.44	821.44
B-1010	40	45	6	5.2	100	861.44	821.44	816.44
B-1010	45	50	7	5.2	100	861.44	816.44	811.44
B-1010	50	55	8	5.2	100	861.44	811.44	806.44
B-1010	55	60	9	5.2	100	861.44	806.44	801.44
B-1010	60	65	10	4	80	861.44	801.44	796.44
B-1010	65	70	11	5.1	100	861.44	796.44	791.44
B-1010	70	75	12	4.9	98	861.44	791.44	786.44
B-1010	75	80	13	5	100	861.44	786.44	781.44
B-1010	80	85	14	4.8	96	861.44	781.44	776.44
B-1010	85	90	15	5	100	861.44	776.44	771.44
B-1010	90	95	16	4.8	96	861.44	771.44	766.44
B-1010	95	100	17	5.1	100	861.44	766.44	761.44
B-1010	100	105	18	4.9	98	861.44	761.44	756.44
B-1010	105	110	19	5	100	861.44	756.44	751.44
B-1010	110	115	20	5	100	861.44	751.44	746.44
B-1010	115	120	21	5	100	861.44	746.44	741.44
B-1010	120	125	22	5	100	861.44	741.44	736.44
B-1010	125	130	23	5	100	861.44	736.44	731.44
B-1010	130	135	24	5	100	861.44	731.44	726.44
B-1010	135	140	25	5	100	861.44	726.44	721.44
B-1010	140	145	26	5	100	861.44	721.44	716.44
B-1010	145	150	27	5	100	861.44	716.44	711.44
B-1010	150	155	28	5.1	100	861.44	711.44	706.44
B-1010	155	160	29	5.1	100	861.44	706.44	701.44
B-1010	160	165	30	5	100	861.44	701.44	696.44

B-1010	165	170	31	5	100	861.44	696.44	691.44
B-1010	170	175	32	5	100	861.44	691.44	686.44
B-1010	175	180	33	5	100	861.44	686.44	681.44
B-1010	180	185	34	4.8	96	861.44	681.44	676.44
B-1010	185	190	35	5	100	861.44	676.44	671.44
B-1010	190	195	36	5	100	861.44	671.44	666.44
B-1010	195	200	37	5	100	861.44	666.44	661.44
B-1010	200	205	38	5	100	861.44	661.44	656.44
B-1010	205	210	39	5	100	861.44	656.44	651.44
B-1010	210	215	40	4.9	98	861.44	651.44	646.44
B-1010	215	220	41	4.8	96	861.44	646.44	641.44
B-1010	220	225	42	4.9	98	861.44	641.44	636.44
B-1011-I	13.6	15.6	1	1.4	40	854.71	841.11	839.11
B-1011-I	15.6	20.6	2	5	72	854.71	839.11	834.11
B-1011-I	20.6	25.6	3	5	100	854.71	834.11	829.11
B-1011-I	25.6	28.6	4	3	100	854.71	829.11	826.11
B-1011-I	28.6	30.6	5	2.1	95	854.71	826.11	824.11
B-1011-I	30.6	35.6	6	4.9	98	854.71	824.11	819.11
B-1011-I	35.6	40.6	7	5	100	854.71	819.11	814.11
B-1011-I	40.6	45.6	8	4.95	99	854.71	814.11	809.11
B-1011-I	45.6	50.6	9	5.1	100	854.71	809.11	804.11
B-1011-I	50.6	55.6	10	5.2	100	854.71	804.11	799.11
B-1011-I	55.6	60.6	11	4.9	98	854.71	799.11	794.11
B-1011-I	60.6	65.6	12	5	100	854.71	794.11	789.11
B-1011-I	65.6	70.6	13	4.85	97	854.71	789.11	784.11
B-1011-I	70.6	75.6	14	5	100	854.71	784.11	779.11
B-1011-I	75.6	80.6	15	5.1	100	854.71	779.11	774.11
B-1011-I	80.6	85.6	16	4.9	98	854.71	774.11	769.11
B-1011-I	85.6	90.6	17	4.95	99	854.71	769.11	764.11
B-1011-I	90.6	95.6	18	5	100	854.71	764.11	759.11
B-1011-I	95.6	100.6	19	5	100	854.71	759.11	754.11
B-1011-I	100.6	105.6	20	5.05	100	854.71	754.11	749.11
B-1011-I	105.6	110.6	21	5	100	854.71	749.11	744.11
B-1011-I	110.6	115.6	22	4.9	98	854.71	744.11	739.11
B-1011-I	115.6	120.6	23	5	100	854.71	739.11	734.11
B-1011-I	120.6	125.6	24	4.9	98	854.71	734.11	729.11
B-1011-I	125.6	130.6	25	5.05	100	854.71	729.11	724.11
B-1011-I	130.6	135.6	26	5	100	854.71	724.11	719.11
B-1011-I	135.6	140.6	27	5	100	854.71	719.11	714.11
B-1011-I	140.6	145.6	28	5	100	854.71	714.11	709.11
B-1011-I	145.6	150.6	29	4.85	97	854.71	709.11	704.11
B-1011-I	150.6	155.6	30	5.15	100	854.71	704.11	699.11
B-1011-I	155.6	160.6	31	5	100	854.71	699.11	694.11
B-1011-I	160.6	165.6	32	4.85	97	854.71	694.11	689.11
B-1011-I	165.6	170.6	33	5.2	100	854.71	689.11	684.11
B-1011-I	170.6	175.6	34	4.95	99	854.71	684.11	679.11
B-1011-I	175.6	180.6	35	4.9	98	854.71	679.11	674.11
B-1011-I	180.6	185.6	36	5	100	854.71	674.11	669.11
B-1011-I	185.6	190.6	37	5.15	100	854.71	669.11	664.11
B-1011-I	190.6	195.6	38	5	100	854.71	664.11	659.11
B-1011-I	195.6	200.6	39	4.95	99	854.71	659.11	654.11
B-1011-I	200.6	205.6	40	5	100	854.71	654.11	649.11
B-1011-I	205.6	210.6	41	5	100	854.71	649.11	644.11
B-1011-I	210.6	215.6	42	5	100	854.71	644.11	639.11
B-1011-I	215.6	220.6	43	5	100	854.71	639.11	634.11
B-1011-I	220.6	225.8	44	5.2	100	854.71	634.11	628.91
B-1012	4	9	1	2.6	52	844.04	840.04	835.04
B-1012	9	14	2	4.5	90	844.04	835.04	830.04
B-1012	14	19	3	4.95	64	844.04	830.04	825.04
B-1012	19	24	4	4	80	844.04	825.04	820.04
B-1012	24	29	5	5	100	844.04	820.04	815.04
B-1012	29	34	6	5	100	844.04	815.04	810.04
B-1012	34	39	7	4.2	84	844.04	810.04	805.04
B-1012	39	44	8	5	100	844.04	805.04	800.04
B-1012	44	49	9	1.1	22	844.04	800.04	795.04
B-1012	49	54	10	4.6	92	844.04	795.04	790.04
B-1012	54	59	11	4.1	82	844.04	790.04	785.04

B-1012	59	64	12	5	100	844.04	785.04	780.04
B-1012	64	69	13	5	100	844.04	780.04	775.04
B-1012	69	74	14	4.3	86	844.04	775.04	770.04
B-1012	74	79	15	4.95	99	844.04	770.04	765.04
B-1012	79	84	16	4.95	99	844.04	765.04	760.04
B-1012	84	89	17	3	60	844.04	760.04	755.04
B-1012	89	94	18	5	100	844.04	755.04	750.04
B-1012	94	99	19	4.3	86	844.04	750.04	745.04
B-1012	99	104	20	4.65	85	844.04	745.04	740.04
B-1012	104	109	21	5	93	844.04	740.04	735.04
B-1012	109	114	22	5	100	844.04	735.04	730.04
B-1012	114	119	23	4.2	84	844.04	730.04	725.04
B-1012	119	124	24	4.92	98	844.04	725.04	720.04
B-1012	124	129	25	3.7	74	844.04	720.04	715.04
B-1012	129	134	26	3.95	77	844.04	715.04	710.04
B-1012	134	139	27	4.95	99	844.04	710.04	705.04
B-1012	139	144	28	5	100	844.04	705.04	700.04
B-1012	144	149	29	3.9	70	844.04	700.04	695.04
B-1012	149	154	30	4.9	83	844.04	695.04	690.04
B-1012	154	159	31	5	100	844.04	690.04	685.04
B-1012	159	164	32	4.95	89	844.04	685.04	680.04
B-1012	164	169	33	5	100	844.04	680.04	675.04
B-1012	169	174	34	5	90	844.04	675.04	670.04
B-1012	174	179	35	4.6	80	844.04	670.04	665.04
B-1012	179	184	36	4.7	94	844.04	665.04	660.04
B-1012	184	189	37	4.4	72	844.04	660.04	655.04
B-1012	189	194	38	5	100	844.04	655.04	650.04
B-1012	194	199	39	2.2	44	844.04	650.04	645.04
B-1012	199	204	40	3.7	74	844.04	645.04	640.04
B-1012	204	209	41	3.35	61	844.04	640.04	635.04
B-1012	209	214	42	5	100	844.04	635.04	630.04
B-1012	214	219	43	4.6	79	844.04	630.04	625.04
B-1012	219	224	44	1.1	22	844.04	625.04	620.04
B-1012	224	229	45	4.4	84	844.04	620.04	615.04
B-1012	229	234	46	0	0	844.04	615.04	610.04
B-1012	234	239	47	5	86	844.04	610.04	605.04
B-1012	239	244	48	4.4	88	844.04	605.04	600.04
B-1012	244	249	49	1.9	38	844.04	600.04	595.04
B-1012	249	254	50	0.4	0.8	844.04	595.04	590.04
B-1012	254	259	51	3.2	64	844.04	590.04	585.04
B-1012	259	264	52	3.5	70	844.04	585.04	580.04
B-1012	264	269	53	2.7	54	844.04	580.04	575.04
B-1012	269	274	54	2	40	844.04	575.04	570.04
B-1012	274	279	55	4.3	86	844.04	570.04	565.04
B-1012	279	284	56	4.15	83	844.04	565.04	560.04
B-1012	284	289	57	3.8	76	844.04	560.04	555.04
B-1012	289	294	58	1.6	25	844.04	555.04	550.04
B-1012	294	299	59	3.9	78	844.04	550.04	545.04
B-1012	299	304	60	3.9	73	844.04	545.04	540.04
B-1012	304	309	61	0	0	844.04	540.04	535.04
B-1012	309	314	62	2.2	44	844.04	535.04	530.04
B-1012	314	319	63	0	0	844.04	530.04	525.04
B-1012	319	324	64	0	0	844.04	525.04	520.04
B-1012	324	329	65	0	0	844.04	520.04	515.04
B-1012	329	333	66	4	100	844.04	515.04	511.04
B-1012	333	339	67	6	82	844.04	511.04	505.04
B-1012	339	344	68	5	95	844.04	505.04	500.04
B-1012	344	349	69	5	88	844.04	500.04	495.04
B-1012	349	354	70	0		844.04	495.04	490.04
B-1012	354	359		0		844.04	490.04	485.04
B-1012	359	360	71	0.8	80	844.04	485.04	484.04
B-1012	360	365	73	4.9	98	844.04	484.04	479.04
B-1012	365	370	74	5	100	844.04	479.04	474.04
B-1012	370	375	75	3.3	66	844.04	474.04	469.04
B-1012	375	380	76	5	100	844.04	469.04	464.04
B-1012	380	385	77	5	100	844.04	464.04	459.04
B-1012	385	390	78	5	100	844.04	459.04	454.04

B-1012	390	395	79	5	100	844.04	454.04	449.04
B-1012	395	400	80	5	100	844.04	449.04	444.04
B-1012	400	405	81	4.45	89	844.04	444.04	439.04
B-1012	405	410	82	4	80	844.04	439.04	434.04
B-1012	410	415	83	4.75	95	844.04	434.04	429.04
B-1012	415	420	84	4.6	92	844.04	429.04	424.04
B-1012	420	425	85	5	100	844.04	424.04	419.04
B-1012	425	430	86	5	100	844.04	419.04	414.04
B-1012	430	435	87	5	100	844.04	414.04	409.04
B-1012	435	440	88	5	100	844.04	409.04	404.04
B-1012	440	445	89	5	100	844.04	404.04	399.04
B-1012	445	450	90	5	100	844.04	399.04	394.04
B-1012	450	455	91	5	100	844.04	394.04	389.04
B-1012	455	460	92	5	100	844.04	389.04	384.04
B-1012	460	465	93	5	100	844.04	384.04	379.04
B-1012	465	470	94	5	100	844.04	379.04	374.04
B-1012	470	475	95	5	100	844.04	374.04	369.04
B-1012	475	480	96	5	100	844.04	369.04	364.04
B-1012	480	485	97	5	100	844.04	364.04	359.04
B-1012	485	490	98	5	100	844.04	359.04	354.04
B-1012	490	495	99	5	98	844.04	354.04	349.04
B-1012	495	500	100	5	100	844.04	349.04	344.04
B-1012	500	505	101	5	100	844.04	344.04	339.04
B-1012	505	510	102	5	94.2	844.04	339.04	334.04
B-1012	510	515	103	5	100	844.04	334.04	329.04
B-1012	515	520	104	5	100	844.04	329.04	324.04
B-1012	520	525	105	5	100	844.04	324.04	319.04
B-1012	525	530	106	4.8	96	844.04	319.04	314.04
B-1012	530	535	107	4.9	98	844.04	314.04	309.04
B-1012	535	540	108	5	100	844.04	309.04	304.04
B-1012	540	545	109	5	100	844.04	304.04	299.04
B-1012	545	550	110	5	100	844.04	299.04	294.04
B-1013	6	10	1	3.6	90	863.53	857.53	853.53
B-1013	10	15	2	5	100	863.53	853.53	848.53
B-1013	15	20	3	5	100	863.53	848.53	843.53
B-1013	20	25	4	4.9	98	863.53	843.53	838.53
B-1013	25	30	5	5.2	100	863.53	838.53	833.53
B-1013	30	35	6	5	100	863.53	833.53	828.53
B-1013	35	37	7	2	100	863.53	828.53	826.53
B-1013	37	42	8	5	100	863.53	826.53	821.53
B-1013	42	47	9	5	100	863.53	821.53	816.53
B-1013	47	52	10	5	100	863.53	816.53	811.53
B-1013	52	54	11	2	100	863.53	811.53	809.53
B-1013	54	59	12	4.9	98	863.53	809.53	804.53
B-1013	59	62	13	3	100	863.53	804.53	801.53
B-1013	62	67	14	5	100	863.53	801.53	796.53
B-1013	67	72	15	4.3	86	863.53	796.53	791.53
B-1013	72	77	16	5	100	863.53	791.53	786.53
B-1013	77	82	17	5.2	100	863.53	786.53	781.53
B-1013	82	87	18	4.9	98	863.53	781.53	776.53
B-1013	87	92	19	5	100	863.53	776.53	771.53
B-1013	92	95	20	3	100	863.53	771.53	768.53
B-1013	95	100	21	5	100	863.53	768.53	763.53
B-1013	100	105	22	5	100	863.53	763.53	758.53
B-1013	105	110	23	5	100	863.53	758.53	753.53
B-1013	110	115	24	5	100	863.53	753.53	748.53
B-1013	115	120	25	4.5	90	863.53	748.53	743.53
B-1013	120	125	26	5	100	863.53	743.53	738.53
B-1013	125	130	27	5	100	863.53	738.53	733.53
B-1013	130	135	28	5	100	863.53	733.53	728.53
B-1013	135	140	29	5	100	863.53	728.53	723.53
B-1013	140	145	30	5	100	863.53	723.53	718.53
B-1013	145	150	31	4.8	96	863.53	718.53	713.53
B-1014	11.5	16	1	4.4	97	851.20	839.70	835.20
B-1014	16	21	2	4.7	94	851.20	835.20	830.20
B-1014	21	26	3	5.2	86	851.20	830.20	825.20
B-1014	26	31	4	4.85	97	851.20	825.20	820.20

B-1014	31	36	5	5.3	100	851.20	820.20	815.20
B-1014	36	41	6	4.9	98	851.20	815.20	810.20
B-1014	41	46	7	4.9	98	851.20	810.20	805.20
B-1014	46	51	8	4.9	98	851.20	805.20	800.20
B-1014	51	56	9	4.6	92	851.20	800.20	795.20
B-1014	56	61	10	4.75	95	851.20	795.20	790.20
B-1014	61	66	11	4.9	98	851.20	790.20	785.20
B-1014	66	71	12	4.9	98	851.20	785.20	780.20
B-1014	71	76	13	4.8	96	851.20	780.20	775.20
B-1014	76	81	14	5.1	100	851.20	775.20	770.20
B-1014	81	86	15	5.1	100	851.20	770.20	765.20
B-1014	86	91	16	5	100	851.20	765.20	760.20
B-1014	91	96	17	4.9	98	851.20	760.20	755.20
B-1014	96	101	18	5	100	851.20	755.20	750.20
B-1014	101	106	19	5.1	100	851.20	750.20	745.20
B-1014	106	111	20	5	100	851.20	745.20	740.20
B-1014	111	116	21	5.1	100	851.20	740.20	735.20
B-1014	116	121	22	5	100	851.20	735.20	730.20
B-1014	121	126	23	5	100	851.20	730.20	725.20
B-1014	126	131	24	5	100	851.20	725.20	720.20
B-1014	131	136	25	4.8	96	851.20	720.20	715.20
B-1014	136	141	26	5.1	100	851.20	715.20	710.20
B-1014	141	146	27	5	100	851.20	710.20	705.20
B-1014	146	150	28	4	100	851.20	705.20	701.20
B-1015	17.1	21	1	3.9	100	858.09	840.99	837.09
B-1015	21	26	2	5	100	858.09	837.09	832.09
B-1015	26	31	3	5	100	858.09	832.09	827.09
B-1015	31	36	4	5	100	858.09	827.09	822.09
B-1015	36	41	5	5	100	858.09	822.09	817.09
B-1015	41	44	6	3	100	858.09	817.09	814.09
B-1015	44	49	7	4.8	96	858.09	814.09	809.09
B-1015	49	51	8	2	100	858.09	809.09	807.09
B-1015	51	56	9	5	100	858.09	807.09	802.09
B-1015	56	59	10	3	100	858.09	802.09	799.09
B-1015	59	64	11	5	100	858.09	799.09	794.09
B-1015	64	66	12	2	95	858.09	794.09	792.09
B-1015	66	71	13	5.1	100	858.09	792.09	787.09
B-1015	71	76	14	4	80	858.09	787.09	782.09
B-1015	76	81	15	5	100	858.09	782.09	777.09
B-1015	81	84.1	16	4.1	100	858.09	777.09	773.99
B-1015	84.1	89.1	17	5	100	858.09	773.99	768.99
B-1015	89.1	91	18	1.9	100	858.09	768.99	767.09
B-1015	91	96	19	5	100	858.09	767.09	762.09
B-1015	96	101.1	20	5.1	100	858.09	762.09	756.99
B-1015	101.1	104.1	21	3	100	858.09	756.99	753.99
B-1015	104.1	109	22	4.9	100	858.09	753.99	749.09
B-1015	109	111	23	2	100	858.09	749.09	747.09
B-1015	111	116	24	4.9	98	858.09	747.09	742.09
B-1015	116	121	25	4.9	98	858.09	742.09	737.09
B-1015	121	126.1	26	5.1	100	858.09	737.09	731.99
B-1015	126.1	131.2	27	5.1	100	858.09	731.99	726.89
B-1015	131.2	136.2	28	5	100	858.09	726.89	721.89
B-1015	136.2	141.3	29	5.1	100	858.09	721.89	716.79
B-1015	141.3	146.3	30	5	100	858.09	716.79	711.79
B-1015	146.3	151.4	31	5.1	100	858.09	711.79	706.69
B-1016	18.4	20.8	1	2.4	100	865.59	847.19	844.79
B-1016	20.8	25.9	2	5.1	100	865.59	844.79	839.69
B-1016	25.9	31	3	5.1	100	865.59	839.69	834.59
B-1016	31	35.85	4	4.85	100	865.59	834.59	829.74
B-1016	35.85	40.9	5	5.05	100	865.59	829.74	824.69
B-1016	40.9	45.7	6	4.8	100	865.59	824.69	819.89
B-1016	45.7	50.9	7	5.2	100	865.59	819.89	814.69
B-1016	50.9	55.8	8	4.9	100	865.59	814.69	809.79
B-1016	55.8	60.9	9	5.1	100	865.59	809.79	804.69
B-1016	60.9	65.8	10	4.9	100	865.59	804.69	799.79
B-1016	65.8	70.7	11	4.9	100	865.59	799.79	794.89
B-1016	70.7	75.7	12	5	100	865.59	794.89	789.89

B-1016	75.7	80.7	13	5	100	865.59	789.89	784.89
B-1016	80.7	85.7	14	5	100	865.59	784.89	779.89
B-1016	85.7	90.7	15	5	100	865.59	779.89	774.89
B-1016	90.7	95.7	16	5	100	865.59	774.89	769.89
B-1016	95.7	100.8	17	5.1	100	865.59	769.89	764.79
B-1016	100.8	105.75	18	4.95	100	865.59	764.79	759.84
B-1016	105.8	110.7	19	4.95	100	865.59	759.84	754.89
B-1016	110.7	115.8	20	5.1	100	865.59	754.89	749.79
B-1016	115.8	120.9	21	5.1	100	865.59	749.79	744.69
B-1016	120.9	125.9	22	5	100	865.59	744.69	739.69
B-1016	125.9	130.95	23	5.05	100	865.59	739.69	734.64
B-1016	131	135.9	24	4.95	100	865.59	734.64	729.69
B-1016	135.9	141	25	5.1	100	865.59	729.69	724.59
B-1016	141	146	26	5	100	865.59	724.59	719.59
B-1016	146	150.9	27	4.9	100	865.59	719.59	714.69
B-1016	150.9	156	28	5.1	100	865.59	714.69	709.59
B-1016	156	160.95	29	4.95	100	865.59	709.59	704.64
B-1016	161	166	30	5.05	100	865.59	704.64	699.59
B-1016	166	171	31	5	100	865.59	699.59	694.59
B-1016	171	176.1	32	5.1	100	865.59	694.59	689.49
B-1016	176.1	181.1	33	5	100	865.59	689.49	684.49
B-1016	181.1	186.2	34	5.1	100	865.59	684.49	679.39
B-1016	186.2	191.2	35	5	100	865.59	679.39	674.39
B-1016	191.2	196.2	36	5	100	865.59	674.39	669.39
B-1016	196.2	201.2	37	5	100	865.59	669.39	664.39
B-1017	18.6	21.4	1	2.8	100	866.37	847.77	844.97
B-1017	21.4	26.4	2	4.95	99	866.37	844.97	839.97
B-1017	26.4	31.3	3	4.9	100	866.37	839.97	835.07
B-1017	31.3	36.4	4	5.1	100	866.37	835.07	829.97
B-1017	36.4	41.4	5	5	100	866.37	829.97	824.97
B-1017	41.4	46.4	6	5	100	866.37	824.97	819.97
B-1017	46.4	51.4	7	5	100	866.37	819.97	814.97
B-1017	51.4	55.9	8	4.5	100	866.37	814.97	810.47
B-1017	55.9	60.7	9	4.8	100	866.37	810.47	805.67
B-1017	60.7	61.6	10	0.9	100	866.37	805.67	804.77
B-1017	61.6	66.1	11	4.5	100	866.37	804.77	800.27
B-1017	66.1	71.5	12	5.4	100	866.37	800.27	794.87
B-1017	71.5	76.3	13	4.8	100	866.37	794.87	790.07
B-1017	76.3	81.4	14	5.1	100	866.37	790.07	784.97
B-1017	81.4	86.4	15	5	100	866.37	784.97	779.97
B-1017	86.4	91.5	16	5.1	100	866.37	779.97	774.87
B-1017	91.5	96.5	17	5	100	866.37	774.87	769.87
B-1017	96.5	101.5	18	5	100	866.37	769.87	764.87
B-1017	101.5	106.5	19	5	100	866.37	764.87	759.87
B-1017	106.5	111.6	20	5.1	100	866.37	759.87	754.77
B-1017	111.6	116.6	21	5	100	866.37	754.77	749.77
B-1017	116.6	121.5	22	4.9	100	866.37	749.77	744.87
B-1017	121.5	126.6	23	5.1	100	866.37	744.87	739.77
B-1017	126.6	131.6	24	5	100	866.37	739.77	734.77
B-1017	131.6	136.5	25	4.9	100	866.37	734.77	729.87
B-1017	136.5	141.5	26	5	100	866.37	729.87	724.87
B-1017	141.5	146.4	27	4.9	100	866.37	724.87	719.97
B-1017	146.4	150	28	3.6	100	866.37	719.97	716.37
B-1018	6.4	7.4	1	0.8	80	846.36	839.96	838.96
B-1018	7.4	12.4	2	4.8	96	846.36	838.96	833.96
B-1018	12.4	17.4	3	5	100	846.36	833.96	828.96
B-1018	17.4	22.4	4	5	50	846.36	828.96	823.96
B-1018	22.4	27.4	5	5	100	846.36	823.96	818.96
B-1018	27.4	32.4	6	5	100	846.36	818.96	813.96
B-1018	32.4	37.4	7	4.8	75	846.36	813.96	808.96
B-1018	37.4	42.4	8	5	100	846.36	808.96	803.96
B-1018	42.4	47.4	9	5	100	846.36	803.96	798.96
B-1018	47.4	52.4	10	4.4	88	846.36	798.96	793.96
B-1018	52.4	57.4	11	5	100	846.36	793.96	788.96
B-1018	57.4	62.4	12	4.2	84	846.36	788.96	783.96
B-1018	62.4	67.4	13	4	80	846.36	783.96	778.96
B-1018	67.4	72.4	14	5.1	100	846.36	778.96	773.96

B-1018	72.4	77.4	15	5	100	846.36	773.96	768.96
B-1018	77.4	82.4	16	5	100	846.36	768.96	763.96
B-1018	82.4	87.4	17	5	100	846.36	763.96	758.96
B-1018	87.4	92.4	18	5	100	846.36	758.96	753.96
B-1018	92.4	97.4	19	5	100	846.36	753.96	748.96
B-1018	97.4	102.4	20	5	100	846.36	748.96	743.96
B-1018	102.4	107.4	21	5	100	846.36	743.96	738.96
B-1018	107.4	112.4	22	5	100	846.36	738.96	733.96
B-1018	112.4	117.4	23	5	100	846.36	733.96	728.96
B-1018	117.4	122.4	24	5	100	846.36	728.96	723.96
B-1018	122.4	127.4	25	5	100	846.36	723.96	718.96
B-1018	127.4	132.4	26	4.8	96	846.36	718.96	713.96
B-1018	132.4	137.4	27	5	100	846.36	713.96	708.96
B-1018	137.4	142.4	28	5	100	846.36	708.96	703.96
B-1018	142.4	147.4	29	5	100	846.36	703.96	698.96
B-1018	147.4	152.4	30	5	100	846.36	698.96	693.96
B-1019	10	15	1	5	74	852.22	842.22	837.22
B-1019	15	17	2	4.5	90	852.22	837.22	835.22
B-1019	17	20	3	3.7	100	852.22	835.22	832.22
B-1019	20	25	4	5.1	100	852.22	832.22	827.22
B-1019	25	30	5	5	97	852.22	827.22	822.22
B-1019	30	35	6	5	100	852.22	822.22	817.22
B-1019	35	40	7	5	100	852.22	817.22	812.22
B-1019	40	45	8	5	100	852.22	812.22	807.22
B-1019	45	50	9	5	100	852.22	807.22	802.22
B-1019	50	55	10	4.8	96	852.22	802.22	797.22
B-1019	55	60	11	5	100	852.22	797.22	792.22
B-1019	60	65	12	4.9	100	852.22	792.22	787.22
B-1019	65	70	13	4.8	100	852.22	787.22	782.22
B-1019	70	75	14	5.1	100	852.22	782.22	777.22
B-1019	75	80	15	5	100	852.22	777.22	772.22
B-1019	80	85	16	5	100	852.22	772.22	767.22
B-1019	85	90	17	5	100	852.22	767.22	762.22
B-1019	90	95	18	5	100	852.22	762.22	757.22
B-1019	95	100	19	5	100	852.22	757.22	752.22
B-1019	100	105	20	5	100	852.22	752.22	747.22
B-1019	105	110	21	4.6	100	852.22	747.22	742.22
B-1019	110	115	22	5.1	100	852.22	742.22	737.22
B-1019	115	120	23	5.2	100	852.22	737.22	732.22
B-1019	120	125	24	5	100	852.22	732.22	727.22
B-1019	125	130	25	4.9	100	852.22	727.22	722.22
B-1019	130	135	26	5.1	100	852.22	722.22	717.22
B-1019	135	140	27	5.2	100	852.22	717.22	712.22
B-1019	140	145	28	5	100	852.22	712.22	707.22
B-1019	145	150	29	4.9	100	852.22	707.22	702.22
B-1019	150	155	30	5.1	100	852.22	702.22	697.22
B-1019	155	160	31	5	100	852.22	697.22	692.22
B-1019	160	165	32	5	100	852.22	692.22	687.22
B-1019	165	170	33	5	100	852.22	687.22	682.22
B-1019	170	175	34	5	100	852.22	682.22	677.22
B-1019	175	180	35	5.2	100	852.22	677.22	672.22
B-1019	180	185	36	4.9	100	852.22	672.22	667.22
B-1019	185	190	37	4.9	100	852.22	667.22	662.22
B-1019	190	195	38	5	100	852.22	662.22	657.22
B-1019	195	200	39	5	100	852.22	657.22	652.22
B-1020	18.4	22.4	1	3.8	95	861.94	843.54	839.54
B-1020	22.4	27.4	2	5	100	861.94	839.54	834.54
B-1020	27.4	32.4	3	5	100	861.94	834.54	829.54
B-1020	32.4	37.4	4	5	100	861.94	829.54	824.54
B-1020	37.4	42.4	5	5	100	861.94	824.54	819.54
B-1020	42.4	47.4	6	5	100	861.94	819.54	814.54
B-1020	47.4	52.4	7	4.6	92	861.94	814.54	809.54
B-1020	52.4	57.4	8	3.2	64	861.94	809.54	804.54
B-1020	57.4	62.4	9	4.7	94	861.94	804.54	799.54
B-1020	62.4	67.4	10	5	100	861.94	799.54	794.54
B-1020	67.4	72.4	11	4.9	98	861.94	794.54	789.54
B-1020	72.4	77.4	12	4.6	92	861.94	789.54	784.54

B-1020	77.4	82.4	13	5	100	861.94	784.54	779.54
B-1020	82.4	87.4	14	5	100	861.94	779.54	774.54
B-1020	87.4	92.4	15	5	100	861.94	774.54	769.54
B-1020	92.4	97.4	16	5	100	861.94	769.54	764.54
B-1020	97.4	102.4	17	5	100	861.94	764.54	759.54
B-1020	102.4	107.4	18	5	100	861.94	759.54	754.54
B-1020	107.4	112.4	19	4.9	95	861.94	754.54	749.54
B-1020	112.4	117.4	20	5.2	100	861.94	749.54	744.54
B-1020	117.4	122.4	21	5	100	861.94	744.54	739.54
B-1020	122.4	127.4	22	5	100	861.94	739.54	734.54
B-1020	127.4	132.4	23	5	100	861.94	734.54	729.54
B-1020	132.4	137.4	24	4.9	98	861.94	729.54	724.54
B-1020	137.4	142.4	25	5.1	100	861.94	724.54	719.54
B-1020	142.4	147.4	26	4.8	96	861.94	719.54	714.54
B-1020	147.4	152.4	27	5	100	861.94	714.54	709.54
B-1021	15.4	17	7	1.3	81	845.18	829.78	828.18
B-1021	17	22	8	5	98	845.18	828.18	823.18
B-1021	22	27	9	5.1	100	845.18	823.18	818.18
B-1021	27	32	10	5.1	100	845.18	818.18	813.18
B-1021	32	37	11	5.2	100	845.18	813.18	808.18
B-1021	37	42	12	5	100	845.18	808.18	803.18
B-1021	42	47	13	5	100	845.18	803.18	798.18
B-1021	47	52	14	5	100	845.18	798.18	793.18
B-1021	52	57	15	5	100	845.18	793.18	788.18
B-1021	57	62	16	5	100	845.18	788.18	783.18
B-1021	62	67	17	5	100	845.18	783.18	778.18
B-1021	67	72	18	5	100	845.18	778.18	773.18
B-1021	72	77	19	5	100	845.18	773.18	768.18
B-1021	77	82	20	5	100	845.18	768.18	763.18
B-1021	82	87	21	5	98	845.18	763.18	758.18
B-1021	87	92	22	5	100	845.18	758.18	753.18
B-1021	92	97	23	5	98	845.18	753.18	748.18
B-1021	97	102	24	5	100	845.18	748.18	743.18
B-1021	102	107	25	5	98	845.18	743.18	738.18
B-1021	107	112	26	5	100	845.18	738.18	733.18
B-1021	112	117	27	5	96	845.18	733.18	728.18
B-1021	117	122	28	5	98	845.18	728.18	723.18
B-1021	122	127	29	5	100	845.18	723.18	718.18
B-1021	127	132	30	5	100	845.18	718.18	713.18
B-1021	132	137	31	5.1	100	845.18	713.18	708.18
B-1021	137	142	32	5.1	100	845.18	708.18	703.18
B-1021	142	147	33	5	100	845.18	703.18	698.18
B-1021	147	150	34	2.7	90	845.18	698.18	695.18
B-1022	19	21	1	1.8	100	863.48	844.48	842.48
B-1022	21	26	2	5.2	100	863.48	842.48	837.48
B-1022	26	31	3	4.85	97	863.48	837.48	832.48
B-1022	31	36	4	4.9	98	863.48	832.48	827.48
B-1022	36	41	5	4.9	98	863.48	827.48	822.48
B-1022	41	46	6	5	100	863.48	822.48	817.48
B-1022	46	51	7	4.9	98	863.48	817.48	812.48
B-1022	51	56	8	3.5	70	863.48	812.48	807.48
B-1022	56	61	9	5.1	100	863.48	807.48	802.48
B-1022	61	66	10	4.9	98	863.48	802.48	797.48
B-1022	66	71	11	4.9	98	863.48	797.48	792.48
B-1022	71	76	12	5	100	863.48	792.48	787.48
B-1022	76	81	13	5	100	863.48	787.48	782.48
B-1022	81	86	14	5	100	863.48	782.48	777.48
B-1022	86	91	15	5.1	100	863.48	777.48	772.48
B-1022	91	96	16	5	100	863.48	772.48	767.48
B-1022	96	101	17	5	100	863.48	767.48	762.48
B-1022	101	106	18	5	100	863.48	762.48	757.48
B-1022	106	111	19	5.1	100	863.48	757.48	752.48
B-1022	111	116	20	4.9	98	863.48	752.48	747.48
B-1022	116	121	21	4.9	100	863.48	747.48	742.48
B-1022	121	126	22	5.1	100	863.48	742.48	737.48
B-1022	126	131	23	5.1	100	863.48	737.48	732.48
B-1022	131	136	24	4.85	100	863.48	732.48	727.48

B-1022	136	141	25	5.2	100	863.48	727.48	722.48
B-1022	141	146	26	4.9	98	863.48	722.48	717.48
B-1022	146	150	27	4	100	863.48	717.48	713.48
B-1023	15.5	20.5	1	5	92	865.68	850.18	845.18
B-1023	20.5	25.5	2	5	78	865.68	845.18	840.18
B-1023	25.5	30.5	3	5	100	865.68	840.18	835.18
B-1023	30.5	35.5	4	5	100	865.68	835.18	830.18
B-1023	35.5	40.5	5	5	98	865.68	830.18	825.18
B-1023	40.5	45.5	6	5	100	865.68	825.18	820.18
B-1023	45.5	50.5	7	5	100	865.68	820.18	815.18
B-1023	50.5	55.5	8	5	100	865.68	815.18	810.18
B-1023	55.5	60.5	9	5	100	865.68	810.18	805.18
B-1023	60.5	65.5	10	5	100	865.68	805.18	800.18
B-1023	65.5	70.5	11	5	100	865.68	800.18	795.18
B-1023	70.5	75.5	12	5	90	865.68	795.18	790.18
B-1023	75.5	80.5	13	5	100	865.68	790.18	785.18
B-1023	80.5	85.5	14	5	96	865.68	785.18	780.18
B-1023	85.5	90.5	15	5	100	865.68	780.18	775.18
B-1023	90.5	95.5	16	5	100	865.68	775.18	770.18
B-1023	95.5	100.5	17	5	100	865.68	770.18	765.18
B-1023	100.5	105.5	18	5	98	865.68	765.18	760.18
B-1023	105.5	110.5	19	5	100	865.68	760.18	755.18
B-1023	110.5	115.5	20	5	100	865.68	755.18	750.18
B-1023	115.5	120.5	21	5	100	865.68	750.18	745.18
B-1023	120.5	125.5	22	5	100	865.68	745.18	740.18
B-1023	125.5	130.5	23	5	93	865.68	740.18	735.18
B-1023	130.5	135.5	24	5.1	100	865.68	735.18	730.18
B-1023	135.5	140.5	25	4.9	98	865.68	730.18	725.18
B-1023	140.5	145.5	26	5	100	865.68	725.18	720.18
B-1023	145.5	150.5	27	5	100	865.68	720.18	715.18
B-1024	17	20	1	3.2	100	861.65	844.65	841.65
B-1024	20	25	2	4.9	98	861.65	841.65	836.65
B-1024	25	30	3	4.7	98	861.65	836.65	831.65
B-1024	30	35	4	5.2	100	861.65	831.65	826.65
B-1024	35	40	5	4.75	97	861.65	826.65	821.65
B-1024	40	45	6	5.1	100	861.65	821.65	816.65
B-1024	45	50	7	5.1	100	861.65	816.65	811.65
B-1024	50	55	8	5.1	100	861.65	811.65	806.65
B-1024	55	60	9	5	100	861.65	806.65	801.65
B-1024	60	65	10	5	100	861.65	801.65	796.65
B-1024	65	70	11	4.9	98	861.65	796.65	791.65
B-1024	70	75	12	4.9	100	861.65	791.65	786.65
B-1024	75	80	13	5.2	100	861.65	786.65	781.65
B-1024	80	85	14	4.9	100	861.65	781.65	776.65
B-1024	85	90	15	5.1	100	861.65	776.65	771.65
B-1024	90	95	16	5	100	861.65	771.65	766.65
B-1024	95	100	17	4.9	100	861.65	766.65	761.65
B-1024	100	105	18	5.2	100	861.65	761.65	756.65
B-1024	105	110	19	5	100	861.65	756.65	751.65
B-1025	20	21	1	1	100	861.52	841.52	840.52
B-1025	21	26	2	4.8		861.52	840.52	835.52
B-1025	26	31	3	5	100	861.52	835.52	830.52
B-1025	31	36	4	3.5		861.52	830.52	825.52
B-1025	36	41	5	5.2	100	861.52	825.52	820.52
B-1025	41	46	6	5.1	100	861.52	820.52	815.52
B-1025	46	51	7	4.7	92	861.52	815.52	810.52
B-1025	51	56	8	5	100	861.52	810.52	805.52
B-1025	56	61	9	5	100	861.52	805.52	800.52
B-1025	61	66	10	4.5	90	861.52	800.52	795.52
B-1025	66	71	11	4.8	96	861.52	795.52	790.52
B-1025	71	76	12	4.8	96	861.52	790.52	785.52
B-1025	76	81	13	5	100	861.52	785.52	780.52
B-1025	81	86	14	5	100	861.52	780.52	775.52
B-1025	86	91	15	5	100	861.52	775.52	770.52
B-1025	91	96	16	5	100	861.52	770.52	765.52
B-1025	96	101	17	4.8	96	861.52	765.52	760.52
B-1025	101	106	18	5	100	861.52	760.52	755.52

B-1025	106	111	19	5	100	861.52	755.52	750.52
B-1025	111	116	20	5.2	100	861.52	750.52	745.52
B-1025	116	121	21	5		861.52	745.52	740.52
B-1025	121	126	22	4.9	98	861.52	740.52	735.52
B-1025	126	131	23	4.9	98	861.52	735.52	730.52
B-1025	131	136	24	5.2	100	861.52	730.52	725.52
B-1025	136	141	25	4.6	58	861.52	725.52	720.52
B-1025	141	146	26	4.7	94	861.52	720.52	715.52
B-1025	146	151	27	5	100	861.52	715.52	710.52
B-1026	5.5	6	3	4	80	865.13	859.63	859.13
B-1026	6	11	4	3.6	72	865.13	859.13	854.13
B-1026	11	16	5	4.7	94	865.13	854.13	849.13
B-1026	16	21	6	4	80	865.13	849.13	844.13
B-1026	21	26	7	5	100	865.13	844.13	839.13
B-1026	26	31	8	5.2	100	865.13	839.13	834.13
B-1026	31	36	9	4.2	84	865.13	834.13	829.13
B-1026	36	41	10	4.375	87.5	865.13	829.13	824.13
B-1026	41	46	11	5	100	865.13	824.13	819.13
B-1026	46	51	12	5	100	865.13	819.13	814.13
B-1026	51	56	13	5	100	865.13	814.13	809.13
B-1026	56	61	14	4.8	96	865.13	809.13	804.13
B-1026	61	66	15	4.55	91	865.13	804.13	799.13
B-1026	66	71	16	4.8	96	865.13	799.13	794.13
B-1026	71	76	17	5.3	100	865.13	794.13	789.13
B-1026	76	81	18	4.8	96	865.13	789.13	784.13
B-1026	81	86	19	4.95	99	865.13	784.13	779.13
B-1026	86	91	20	5	100	865.13	779.13	774.13
B-1026	91	96	21	5.05	100	865.13	774.13	769.13
B-1026	96	101	22	4.5	90	865.13	769.13	764.13
B-1026	101	106	23	4.7	94	865.13	764.13	759.13
B-1026	106	111	24	4.2	84	865.13	759.13	754.13
B-1027	15	16	7	5	100	863.62	848.62	847.62
B-1027	16	18.5	8	5	100	863.62	847.62	845.12
B-1027	18.5	21	9	4.4	88	863.62	845.12	842.62
B-1027	21	26	10	4.9	98	863.62	842.62	837.62
B-1027	26	31	11	5.1	100	863.62	837.62	832.62
B-1027	31	36	12	5	100	863.62	832.62	827.62
B-1027	36	41	13	4.8	96	863.62	827.62	822.62
B-1027	40.5	45.5	7	5	60	863.62	822.62	818.12
B-1027	41	46	14	5	100	863.62	822.62	817.62
B-1027	45.5	47.5	8	5	100	863.62	817.62	816.12
B-1027	46	51	15	5	100	863.62	817.62	812.62
B-1027	47.5	50.5	9	4	63	863.62	812.62	813.12
B-1027	50.5	55.5	10	4.7	94	863.62	813.12	808.12
B-1027	51	56	16	5	100	863.62	808.12	807.62
B-1027	55.5	60.5	11	4.4	56	863.62	808.12	803.12
B-1027	56	61	17	5.1	100	863.62	803.12	802.62
B-1027	60.5	65.5	12	5	100	863.62	803.12	798.12
B-1027	61	66	18	5	100	863.62	798.12	797.62
B-1027	65.5	70.5	13	5.1	91	863.62	798.12	793.12
B-1027	66	71	19	4.95	99	863.62	793.12	792.62
B-1027	70.5	75.5	14	5	88	863.62	793.12	788.12
B-1027	71	76	20	4.9	98	863.62	788.12	787.62
B-1027	76	81	21	5	100	863.62	787.62	782.62
B-1027	81	86	22	5	100	863.62	782.62	777.62
B-1027	86	91	23	5	100	863.62	777.62	772.62
B-1027	91	96	24	5	100	863.62	772.62	767.62
B-1027	96	101	25	5	100	863.62	767.62	762.62
B-1027	101	106	26	5	100	863.62	762.62	757.62
B-1027	106	111	27	5	100	863.62	757.62	752.62
B-1027	111	116	28	4.9	98	863.62	752.62	747.62
B-1027	116	121	29	5	100	863.62	747.62	742.62
B-1027	121	126	30	5	100	863.62	742.62	737.62
B-1027	126	131	31	5	100	863.62	737.62	732.62
B-1027	131	136	32	5.1	100	863.62	732.62	727.62
B-1027	136	141	33	4.9	98	863.62	727.62	722.62
B-1027	141	146	34	5	100	863.62	722.62	717.62

B-1027	146	151	35	5	100	863.62	717.62	712.62
B-1028	12.5	15.5	1	4.5	90	842.06	829.56	826.56
B-1028	15.5	20.5	2	4.4	88	842.06	826.56	821.56
B-1028	20.5	25.5	3	5	100	842.06	821.56	816.56
B-1028	25.5	30.5	4	4.9	98	842.06	816.56	811.56
B-1028	30.5	35.5	5	3.8	76	842.06	811.56	806.56
B-1028	35.5	40.5	6	3.5	70	842.06	806.56	801.56
B-1028	40.5	45.5	7	5	60	842.06	801.56	796.56
B-1028	45.5	47.5	8	2	100	842.06	796.56	794.56
B-1028	47.5	50.5	9	2.4	63	842.06	794.56	791.56
B-1028	50.5	55.5	10	4.7	94	842.06	791.56	786.56
B-1028	55.5	60.5	11	4.2	56	842.06	786.56	781.56
B-1028	60.5	65.5	12	5	100	842.06	781.56	776.56
B-1028	65.5	70.5	13	5.1	91	842.06	776.56	771.56
B-1028	70.5	75.5	14	5	88	842.06	771.56	766.56
B-1029	6.5	7.5	1	2.5	50	846.88	840.38	839.38
B-1029	7.5	12.5	2	2.2	40	846.88	839.38	834.38
B-1029	12.5	17.5	3	5	100	846.88	834.38	829.38
B-1029	17.5	22.5	4	5	96	846.88	829.38	824.38
B-1029	22.5	27.5	5	5	100	846.88	824.38	819.38
B-1029	27.5	32.5	6	5	100	846.88	819.38	814.38
B-1029	32.5	38	7	4.75	95	846.88	814.38	808.88
B-1029	38	43	8	5	100	846.88	808.88	803.88
B-1029	43	48	9	4.8	96	846.88	803.88	798.88
B-1029	48	52.8	10	5	100	846.88	798.88	794.08
B-1029	52.8	57.6	11	5	100	846.88	794.08	789.28
B-1029	57.6	62.8	12	5	100	846.88	789.28	784.08
B-1029	62.8	67.8	13	5	100	846.88	784.08	779.08
B-1029	67.8	72.6	14	4.9	98	846.88	779.08	774.28
B-1029	72.6	78	15	5	100	846.88	774.28	768.88
B-1029	78	83	16	5	100	846.88	768.88	763.88
B-1029	83	88	17	5	100	846.88	763.88	758.88
B-1029	88	93	18	5	100	846.88	758.88	753.88
B-1029	93	98	19	5	100	846.88	753.88	748.88
B-1029	98	103	20	5	96	846.88	748.88	743.88
B-1029	103	108	21	5	100	846.88	743.88	738.88
B-1029	108	113	22	5	100	846.88	738.88	733.88
B-1029	113	118	23	5	100	846.88	733.88	728.88
B-1029	118	123	24	5	100	846.88	728.88	723.88
B-1029	123	128	25	5	96	846.88	723.88	718.88
B-1029	128	133	26	4.8	96	846.88	718.88	713.88
B-1029	133	138	27	5	100	846.88	713.88	708.88
B-1029	138	143	28	5.1	100	846.88	708.88	703.88
B-1029	143	148	29	5	100	846.88	703.88	698.88
B-1029	148	150	30	4.75	95	846.88	698.88	696.88
B-1030	19.4	19.9	8	5	100	858.58	839.18	838.68
B-1030	24.2	24.7	9	2.2	88	858.58	838.68	833.88
B-1030	26.7	27.1	10	5.1	100	858.58	831.88	831.48
B-1030	31.4	31.9	11	4.9	98	858.58	831.48	826.68
B-1030	37.1	36.7	12	5	100	858.58	821.48	821.88
B-1030	42.2	42.7	13	5.1	100	858.58	821.88	815.88
B-1030	48.2	48.7	14	5.1	100	858.58	810.38	809.88
B-1030	51.3	51.8	15	4.9	98	858.58	809.88	806.78
B-1030	55.7	56.2	16	5	100	858.58	802.88	802.38
B-1030	62.4	62.9	17	5	100	858.58	802.38	795.68
B-1030	68.8	69.3	18	5	100	858.58	789.78	789.28
B-1030	72.4	72.9	19	4	80	858.58	789.28	785.68
B-1030	75.8	76.3	20	5	100	858.58	782.78	782.28
B-1030	82.8	83.2	21	5.1	100	858.58	782.28	775.38
B-1030	87	87.6	22	5	100	858.58	771.58	770.98
B-1030	91.7	92.2	23	5.1	100	858.58	770.98	766.38
B-1030	98.2	98.7	24	5	100	858.58	760.38	759.88
B-1030	100	100.5	25	5	100	858.58	759.88	758.08
B-1030	106.8	107.3	26	5.2	100	858.58	751.78	751.28
B-1030	110.1	110.6	27	4.8	100	858.58	751.28	747.98
B-1030	115.9	116.4	28	5	100	858.58	742.68	742.18
B-1030	121	121.5	29	5.2	100	858.58	742.18	737.08

B-1030	126.4	126.9	30	5.1	100	858.58	732.18	731.68
B-1030	131	131.5	31	5	100	858.58	731.68	727.08
B-1030	136.7	137.2	32	5.1	100	858.58	721.88	721.38
B-1030	141.4	142	33	5	100	858.58	721.38	716.58
B-1030	144.7	145.2	34	5.1	100	858.58	713.88	713.38
B-1030	149	149.5	35	1	100	858.58	713.38	709.08
B-1031	18.5	20.5	1	1.9	95	864.21	845.71	843.71
B-1031	20.5	25.5	2	5	100	864.21	843.71	838.71
B-1031	25.5	30.5	3	4.9	98	864.21	838.71	833.71
B-1031	30.5	35.5	4	5	96	864.21	833.71	828.71
B-1031	35.5	40.5	5	4.5	100	864.21	828.71	823.71
B-1031	40.5	45.5	6	5.5	100	864.21	823.71	818.71
B-1031	45.5	50.5	7	5.1	100	864.21	818.71	813.71
B-1031	50.5	55.5	8	4.8	96	864.21	813.71	808.71
B-1031	55.5	60.5	9	4.9	98	864.21	808.71	803.71
B-1031	60.5	65.5	10	3.8	76	864.21	803.71	798.71
B-1031	65.5	70.5	11	4.8	96	864.21	798.71	793.71
B-1031	70.5	75.5	12	4.8	96	864.21	793.71	788.71
B-1031	75.5	80.5	13	4.6	92	864.21	788.71	783.71
B-1031	80.5	85.5	14	5	100	864.21	783.71	778.71
B-1031	85.5	90.5	15	5	100	864.21	778.71	773.71
B-1031	90.5	95.5	16	4.9	98	864.21	773.71	768.71
B-1031	95.5	100.6	17	5.1	100	864.21	768.71	763.61
B-1032	14.7	16.5	7	2.7	96	867.32	852.62	850.82
B-1032	16.5	21.5	8	5	100	867.32	850.82	845.82
B-1032	21.5	26.5	9	5.1	100	867.32	845.82	840.82
B-1032	26.5	31.5	10	4.9	98	867.32	840.82	835.82
B-1032	31.5	36.5	11	5	100	867.32	835.82	830.82
B-1032	36.5	41.5	12	5	100	867.32	830.82	825.82
B-1032	41.5	46.5	13	5	100	867.32	825.82	820.82
B-1032	46.5	51.5	14	4.9	98	867.32	820.82	815.82
B-1032	51.5	56.5	15	4.8	96	867.32	815.82	810.82
B-1032	56.5	61.5	16	4.8	96	867.32	810.82	805.82
B-1032	61.5	66.5	17	4.7	94	867.32	805.82	800.82
B-1032	66.5	71.5	18	4.9	98	867.32	800.82	795.82
B-1032	71.5	76.5	19	4.9	98	867.32	795.82	790.82
B-1032	76.5	81.5	20	4.7	94	867.32	790.82	785.82
B-1032	81.5	86.5	21	5.3	100	867.32	785.82	780.82
B-1032	86.5	91.5	22	5	100	867.32	780.82	775.82
B-1032	91.5	96.5	23	5	100	867.32	775.82	770.82
B-1032	96.5	100.5	24	4	100	867.32	770.82	766.82
B-1033	9.8	11.2	1	1.1	64	866.92	857.12	855.72
B-1033	11.2	16.2	2	4.5	90	866.92	855.72	850.72
B-1033	16.2	21.2	3	5.1	100	866.92	850.72	845.72
B-1033	21.2	26.2	4	4.5	94	866.92	845.72	840.72
B-1033	26.2	31.2	5	5.2	100	866.92	840.72	835.72
B-1033	31.2	36.2	6	5	100	866.92	835.72	830.72
B-1033	36.2	41.2	7	4.75	51	866.92	830.72	825.72
B-1033	41.2	46.2	8	5.3	100	866.92	825.72	820.72
B-1033	46.2	51.2	9	5.15	100	866.92	820.72	815.72
B-1033	51.2	56.2	10	5.1	100	866.92	815.72	810.72
B-1033	56.2	61.2	11	3.6	72	866.92	810.72	805.72
B-1033	61.2	66.2	12	5.1	72	866.92	805.72	800.72
B-1033	66.2	71.2	13	4.2	90	866.92	800.72	795.72
B-1033	71.2	76.2	14	5.3	100	866.92	795.72	790.72
B-1034	5.6	7	4	0.6	60	858.46	852.86	851.46
B-1034	7	12	5	4.9	98	858.46	851.46	846.46
B-1034	12	17	6	5	100	858.46	846.46	841.46
B-1034	17	22	7	4.8	96	858.46	841.46	836.46
B-1034	22	27	8	5	100	858.46	836.46	831.46
B-1034	27	32	9	5.2	100	858.46	831.46	826.46
B-1034	32	37	10	5	100	858.46	826.46	821.46
B-1034	37	42	11	5	100	858.46	821.46	816.46
B-1034	42	47	12	4.9	100	858.46	816.46	811.46
B-1034	47	52	13	5	100	858.46	811.46	806.46
B-1034	52	57	14	5	100	858.46	806.46	801.46
B-1034	57	62	15	4.9	98	858.46	801.46	796.46

B-1034	62	66.7	16	4.6	98	858.46	796.46	791.76
B-1034	66.7	72	17	4.8	92	858.46	791.76	786.46
B-1034	72	77	18	5	100	858.46	786.46	781.46
B-1034	77	82	19	5	100	858.46	781.46	776.46
B-1034	82	87	20	5.1	100	858.46	776.46	771.46
B-1034	87	92	21	5	100	858.46	771.46	766.46
B-1034	92	97	22	4.9	98	858.46	766.46	761.46
B-1034	97	102	23	5	100	858.46	761.46	756.46
B-1034	102	107	24	5	100	858.46	756.46	751.46
B-1034	107	112	25	5.1	100	858.46	751.46	746.46
B-1034	112	117	26	5	100	858.46	746.46	741.46
B-1034	117	122	27	5	100	858.46	741.46	736.46
B-1034	122	127	28	5	100	858.46	736.46	731.46
B-1034	127	132	29	5	100	858.46	731.46	726.46
B-1034	132	137	30	5	100	858.46	726.46	721.46
B-1034	137	142	31	5	100	858.46	721.46	716.46
B-1034	142	147	32	5	100	858.46	716.46	711.46
B-1034	147	150	33	3	100	858.46	711.46	708.46
B-1035	3.8	7	3	0.9	28	856.11	852.31	849.11
B-1035	7	12	4	5	100	856.11	849.11	844.11
B-1035	12	17	5	5	100	856.11	844.11	839.11
B-1035	17	22	6	5	100	856.11	839.11	834.11
B-1035	22	27	7	5	100	856.11	834.11	829.11
B-1035	27	32	8	5	100	856.11	829.11	824.11
B-1035	32	37	9	5.1	100	856.11	824.11	819.11
B-1035	37	42	10	5	100	856.11	819.11	814.11
B-1035	42	47	11	4.9	98	856.11	814.11	809.11
B-1035	47	52	12	4.9	98	856.11	809.11	804.11
B-1035	52	57	13	4.9	98	856.11	804.11	799.11
B-1035	57	62	14	5	100	856.11	799.11	794.11
B-1035	62	67	15	5	100	856.11	794.11	789.11
B-1035	67	72	16	5.1	100	856.11	789.11	784.11
B-1035	72	77	17	5	100	856.11	784.11	779.11
B-1035	77	82	18	5	100	856.11	779.11	774.11
B-1035	82	87	19	5	100	856.11	774.11	769.11
B-1035	87	92	20	5	100	856.11	769.11	764.11
B-1035	92	97	21	5	100	856.11	764.11	759.11
B-1035	97	100	22	3	100	856.11	759.11	756.11
B-1036	11.5	15	1	3.2	91	858.65	847.15	843.65
B-1036	15	20	2	5	100	858.65	843.65	838.65
B-1036	20	25	3	5	100	858.65	838.65	833.65
B-1036	25	30	4	5	100	858.65	833.65	828.65
B-1036	30	35	5	4.4	88	858.65	828.65	823.65
B-1036	35	40	6	5	100	858.65	823.65	818.65
B-1036	40	45	7	5.3	100	858.65	818.65	813.65
B-1036	45	50	8	5	100	858.65	813.65	808.65
B-1036	50	55	9	5.2	100	858.65	808.65	803.65
B-1036	55	60	10	4.1	100	858.65	803.65	798.65
B-1036	60	64	11	5	100	858.65	798.65	794.65
B-1036	64	65	12	1.3	100	858.65	794.65	793.65
B-1036	65	70	13	4.7	100	858.65	793.65	788.65
B-1036	70	75	14			858.65	788.65	783.65
B-1037	14.4	16.3	1	4.75	95	852.84	838.44	836.54
B-1037	16.3	21.3	2	4.7	94	852.84	836.54	831.54
B-1037	21.3	26.3	3	5	100	852.84	831.54	826.54
B-1037	26.3	31.3	4	4.9	98	852.84	826.54	821.54
B-1037	31.3	36.3	5	5.1	100	852.84	821.54	816.54
B-1037	36.3	41.3	6	4.9	98	852.84	816.54	811.54
B-1037	41.3	46.3	7	5	100	852.84	811.54	806.54
B-1037	46.3	51.3	8	5.1	100	852.84	806.54	801.54
B-1037	51.3	56.3	9	4.9	98	852.84	801.54	796.54
B-1037	56.3	61.3	10	5	100	852.84	796.54	791.54
B-1037	61.3	66.3	11	5	100	852.84	791.54	786.54
B-1037	66.3	71.3	12	4.9	98	852.84	786.54	781.54
B-1037	71.3	76.3	13	5.1	100	852.84	781.54	776.54
B-1037	76.3	81.3	14	5	100	852.84	776.54	771.54
B-1037	81.3	86.3	15	5	100	852.84	771.54	766.54

B-1037	86.3	91.3	16	4.9	98	852.84	766.54	761.54
B-1037	91.3	96.3	17	5.1	100	852.84	761.54	756.54
B-1037	96.3	101.3	18	4.9	98	852.84	756.54	751.54
B-1037	101.3	106.3	19	5.1	100	852.84	751.54	746.54
B-1037	106.3	111.3	20	5	100	852.84	746.54	741.54
B-1037	111.3	116.3	21	5	100	852.84	741.54	736.54
B-1037	116.3	121.3	22	4.9	98	852.84	736.54	731.54
B-1037	121.3	126.3	23	4.9	98	852.84	731.54	726.54
B-1037	126.3	131.3	24	5	100	852.84	726.54	721.54
B-1037	131.3	136.3	25	5.1	100	852.84	721.54	716.54
B-1037	136.3	141.3	26	4.9	98	852.84	716.54	711.54
B-1037	141.3	146.3	27	4.9	98	852.84	711.54	706.54
B-1037	146.3	151.3	28	4.9	98	852.84	706.54	701.54
B-1038	13.5	15	7	3.65	73	843.53	830.03	828.53
B-1038	15	20	8	4.8	96	843.53	828.53	823.53
B-1038	20	25	9	4.9	98	843.53	823.53	818.53
B-1038	25	30	10	5	100	843.53	818.53	813.53
B-1038	30	35	11	5.2	100	843.53	813.53	808.53
B-1038	35	40	12	5.1	100	843.53	808.53	803.53
B-1038	40	45	13	5.1	100	843.53	803.53	798.53
B-1038	45	50	14	4.7	94	843.53	798.53	793.53
B-1038	50	55	15	5	100	843.53	793.53	788.53
B-1038	55	60	16	5	100	843.53	788.53	783.53
B-1038	60	65	17	5.2	100	843.53	783.53	778.53
B-1038	65	70	18	5	100	843.53	778.53	773.53
B-1038	70	75	19	5.1	100	843.53	773.53	768.53
B-1038	75	80	20	5.1	100	843.53	768.53	763.53
B-1038	80	85	21	5	100	843.53	763.53	758.53
B-1038	85	90	22	5.1	100	843.53	758.53	753.53
B-1038	90	95	23	5	100	843.53	753.53	748.53
B-1038	95	100	24	5	100	843.53	748.53	743.53
B-1038	100	105	25	5.1	100	843.53	743.53	738.53
B-1038	105	110	26	5.1	100	843.53	738.53	733.53
B-1038	110	115	27	5	100	843.53	733.53	728.53
B-1038	115	120	28	4.9	98	843.53	728.53	723.53
B-1038	120	125	29	5	100	843.53	723.53	718.53
B-1038	125	130	30	0.5	100	843.53	718.53	713.53
B-1038	130	135	31	5	100	843.53	713.53	708.53
B-1038	135	140	32	5	100	843.53	708.53	703.53
B-1038	140	145	33	5.1	100	843.53	703.53	698.53
B-1038	145	150	34	4.9	98	843.53	698.53	693.53
B-1039	10	11	1	5	100	847.10	837.10	836.10
B-1039	11	16	2	5	100	847.10	836.10	831.10
B-1039	16	21	3	5	100	847.10	831.10	826.10
B-1039	21	26	4	4.5	90	847.10	826.10	821.10
B-1039	26	31	5	5	100	847.10	821.10	816.10
B-1039	31	36	6	5	100	847.10	816.10	811.10
B-1039	36	41	7	5	100	847.10	811.10	806.10
B-1039	41	46	8	5.1	100	847.10	806.10	801.10
B-1039	46	51	9	5	100	847.10	801.10	796.10
B-1039	51	56	10	4.8	96	847.10	796.10	791.10
B-1039	56	61	11	4.1	82	847.10	791.10	786.10
B-1039	61	65	12	4.9	98	847.10	786.10	782.10
B-1039	65	70	13	5	100	847.10	782.10	777.10
B-1039	70	75	14	5	100	847.10	777.10	772.10
B-1040	9	10.5	1	5	100	847.04	838.04	836.54
B-1040	10.5	15.5	2	5	100	847.04	836.54	831.54
B-1040	15.5	20.5	3	5	100	847.04	831.54	826.54
B-1040	20.5	25.5	4	4.3	86	847.04	826.54	821.54
B-1040	25.5	30.5	5	5.2	100	847.04	821.54	816.54
B-1040	30.5	35.5	6	5	100	847.04	816.54	811.54
B-1040	35.5	40.5	7	4.9	98	847.04	811.54	806.54
B-1040	40.5	45.5	8	0		847.04	806.54	801.54
B-1040	45.5	50.5	9	4.6	92	847.04	801.54	796.54
B-1040	50.5	55.5	10	5	100	847.04	796.54	791.54
B-1040	55.5	60.5	11	4.6	92	847.04	791.54	786.54
B-1040	60.5	65.5	12	5	100	847.04	786.54	781.54

B-1040	65.5	70.5	13	5.1	100	847.04	781.54	776.54
B-1040	70.5	75.5	14	5.1	100	847.04	776.54	771.54
B-1040	75.5	80.5	15	5.1	100	847.04	771.54	766.54
B-1040	80.5	85.5	16	5.1	100	847.04	766.54	761.54
B-1040	85.5	90.5	17	5.1	100	847.04	761.54	756.54
B-1040	90.5	95.5	18	5.1	100	847.04	756.54	751.54
B-1040	95.5	100.5	19	4.9	98	847.04	751.54	746.54
B-1041	11	14.8	1	3.3	94	845.30	834.30	830.50
B-1041	14.8	19.8	2	5.2	100	845.30	830.50	825.50
B-1041	19.8	24.8	3	5	100	845.30	825.50	820.50
B-1041	24.8	29.8	4	5.2	100	845.30	820.50	815.50
B-1041	29.8	34.8	5	5	100	845.30	815.50	810.50
B-1041	34.8	39.8	6	5.1	98	845.30	810.50	805.50
B-1041	39.8	44.8	7	4.9	100	845.30	805.50	800.50
B-1041	44.8	49.8	8	5.1	100	845.30	800.50	795.50
B-1041	49.8	54.8	9	5	100	845.30	795.50	790.50
B-1041	54.8	59.8	10	5	100	845.30	790.50	785.50
B-1041	59.8	64.8	11	5.1	100	845.30	785.50	780.50
B-1041	64.8	69.8	12	5	100	845.30	780.50	775.50
B-1041	69.8	74.8	13	5	100	845.30	775.50	770.50
B-1041	74.8	79.8	14	5	100	845.30	770.50	765.50
B-1041	79.8	84.8	15	5	100	845.30	765.50	760.50
B-1041	84.8	89.8	16	5.1	100	845.30	760.50	755.50
B-1041	89.8	94.8	17	4.9	100	845.30	755.50	750.50
B-1041	94.8	99.8	18	4.9	98	845.30	750.50	745.50
B-1041	99.8	104.8	19	5	100	845.30	745.50	740.50
B-1041	104.8	109.8	20	4.9	100	845.30	740.50	735.50
B-1041	109.8	114.8	21	5.2	100	845.30	735.50	730.50
B-1041	114.8	119.8	22	5	100	845.30	730.50	725.50
B-1041	119.8	124.8	23	5.1	100	845.30	725.50	720.50
B-1041	124.8	129.8	24	5	98	845.30	720.50	715.50
B-1041	129.8	134.8	25	5	98	845.30	715.50	710.50
B-1041	134.8	139.8	26	4.95	100	845.30	710.50	705.50
B-1041	139.8	144.8	27	5	98	845.30	705.50	700.50
B-1041	144.8	149.8	28	5	100	845.30	700.50	695.50
B-1042	12	16	1	4	100	846.41	834.41	830.41
B-1042	16	21	2	5.2	88	846.41	830.41	825.41
B-1042	21	26	3	5	100	846.41	825.41	820.41
B-1042	26	31	4	5	100	846.41	820.41	815.41
B-1042	31	36	5	5.1	100	846.41	815.41	810.41
B-1042	36	41	6	5.1	100	846.41	810.41	805.41
B-1042	41	46	7	4.9	98	846.41	805.41	800.41
B-1042	46	51	8	5.1	100	846.41	800.41	795.41
B-1042	51	56	9	4.8	98	846.41	795.41	790.41
B-1042	56	61	10	5	100	846.41	790.41	785.41
B-1042	61	66	11	4.9	98	846.41	785.41	780.41
B-1042	66	71	12	5	100	846.41	780.41	775.41
B-1042	71	76	13	4.95	99	846.41	775.41	770.41
B-1042	76	81	14	5.1	100	846.41	770.41	765.41
B-1042	81	86	15	5	100	846.41	765.41	760.41
B-1042	86	91	16	5	100	846.41	760.41	755.41
B-1042	91	96	17	5.1	100	846.41	755.41	750.41
B-1042	96	101	18	5	100	846.41	750.41	745.41
B-1042	101	106	19	5.1	100	846.41	745.41	740.41
B-1042	106	111	20	5	100	846.41	740.41	735.41
B-1042	111	116	21	4.9	98	846.41	735.41	730.41
B-1042	116	121	22	5.1	100	846.41	730.41	725.41
B-1042	121	126	23	5	100	846.41	725.41	720.41
B-1042	126	131	24	4.8	96	846.41	720.41	715.41
B-1042	131	136	25	5.1	100	846.41	715.41	710.41
B-1042	136	141	26	5	100	846.41	710.41	705.41
B-1042	141	146	27	5.1	100	846.41	705.41	700.41
B-1042	146	151	28	4.9	98	846.41	700.41	695.41
B-1043	5.2	6.8	1	1.6	100	824.51	819.31	817.71
B-1043	6.8	11.8	2	4.2	84	824.51	817.71	812.71
B-1043	11.8	16.8	3	3.5	70	824.51	812.71	807.71
B-1043	16.8	21.8	4	4.9	98	824.51	807.71	802.71

B-1043	21.8	26.8	5	4.6	92	824.51	802.71	797.71
B-1043	26.8	31.8	6	5.2	100	824.51	797.71	792.71
B-1043	31.8	36.8	7	5.1	100	824.51	792.71	787.71
B-1043	36.8	41.8	8	5.1	100	824.51	787.71	782.71
B-1043	41.8	46.8	9	5.2	100	824.51	782.71	777.71
B-1043	46.8	51.8	10	5.2	100	824.51	777.71	772.71
B-1043	51.8	56.8	11	5	100	824.51	772.71	767.71
B-1043	56.8	61.8	12	5.1	100	824.51	767.71	762.71
B-1043	61.8	66.8	13	5.1	100	824.51	762.71	757.71
B-1043	66.8	71.8	14	5	100	824.51	757.71	752.71
B-1043	71.8	76.8	15	5	100	824.51	752.71	747.71
B-1044	20.7	25.7	1	4.8	96	838.21	817.51	812.51
B-1044	25.7	30.7	2	5.1	90	838.21	812.51	807.51
B-1044	30.7	35.7	3	5	96	838.21	807.51	802.51
B-1044	35.7	40.7	4	4.8	96	838.21	802.51	797.51
B-1044	40.7	45.7	5	4.9	5	838.21	797.51	792.51
B-1044	45.7	50.7	6	5.1	100	838.21	792.51	787.51
B-1044	50.7	55.7	7	5.1	100	838.21	787.51	782.51
B-1044	55.7	60.7	8	5.6	100	838.21	782.51	777.51
B-1044	60.7	65.7	9	5.1	100	838.21	777.51	772.51
B-1044	65.7	70.7	10	4.9	100	838.21	772.51	767.51
B-1044	70.7	75.7	11	4.9	100	838.21	767.51	762.51
B-1045	19.5	20.8	1	1.3	100	838.17	818.67	817.37
B-1045	20.8	25.8	2	5.1	100	838.17	817.37	812.37
B-1045	25.8	30.8	3	5.2	84	838.17	812.37	807.37
B-1045	30.8	35.8	4	4.8	68	838.17	807.37	802.37
B-1045	35.8	40.8	5	5	92	838.17	802.37	797.37
B-1045	40.8	45.8	6	4.7	94	838.17	797.37	792.37
B-1045	45.8	50.8	7	5.4	100	838.17	792.37	787.37
B-1045	50.8	55.8	8	5	100	838.17	787.37	782.37
B-1045	55.8	60.8	9	4.9	98	838.17	782.37	777.37
B-1045	60.8	65.8	10	5	100	838.17	777.37	772.37
B-1045	65.8	70.8	11	5.2	100	838.17	772.37	767.37
B-1045	70.8	75.8	12	5	100	838.17	767.37	762.37
B-1046	50	55	1	2.1	42	837.25	787.25	782.25
B-1046	55	60	2	5.1	100	837.25	782.25	777.25
B-1046	60	65	3	4.7	94	837.25	777.25	772.25
B-1046	65	70	4	5.1	100	837.25	772.25	767.25
B-1046	70	75	5	5.2	100	837.25	767.25	762.25
B-1047	7.7	12.7	1	4.6	92	831.11	823.41	818.41
B-1047	12.7	17.7	2	5	100	831.11	818.41	813.41
B-1047	17.7	22.7	3	5	98	831.11	813.41	808.41
B-1047	22.7	27.7	4	4.9	98	831.11	808.41	803.41
B-1047	27.7	32.7	5	5	100	831.11	803.41	798.41
B-1047	32.7	37.7	6	4.78	94	831.11	798.41	793.41
B-1047	37.7	42.7	7	5	100	831.11	793.41	788.41
B-1047	42.7	47.7	8	5	100	831.11	788.41	783.41
B-1047	47.7	52.7	9	5	100	831.11	783.41	778.41
B-1047	52.7	57.7	10	5.1	100	831.11	778.41	773.41
B-1047	57.7	62.7	11	5	100	831.11	773.41	768.41
B-1047	62.7	67.7	12	5.2	100	831.11	768.41	763.41
B-1047	67.7	72.7	13	5.2	100	831.11	763.41	758.41
B-1047	72.7	74.2	14	1.5	100	831.11	758.41	756.91
B-1047	74.2	79.2	15	5.1	100	831.11	756.91	751.91
B-1047	79.2	84.2	16	5	100	831.11	751.91	746.91
B-1047	84.2	89.2	17	5	100	831.11	746.91	741.91
B-1047	89.2	94.2	18	5	98	831.11	741.91	736.91
B-1047	94.2	99.2	19	5	100	831.11	736.91	731.91
B-1047	99.2	104.2	20	5	100	831.11	731.91	726.91
B-1047	104.2	109.2	21	5	100	831.11	726.91	721.91
B-1047	109.2	114.2	22	4.65	93	831.11	721.91	716.91
B-1047	114.2	119.2	23	5.1	100	831.11	716.91	711.91
B-1047	119.2	124.2	24	5.1	100	831.11	711.91	706.91
B-1047	124.2	129.2	25	5.15	100	831.11	706.91	701.91
B-1047	129.2	134.2	26	5.1	100	831.11	701.91	696.91
B-1047	134.2	139.2	27	5.1	100	831.11	696.91	691.91
B-1047	139.2	144.2	28	5.1	100	831.11	691.91	686.91

B-1047	144.2	149.2	29	4.9	98	831.11	686.91	681.91
B-1047	149.2	150	30	5.1	100	831.11	681.91	681.11
B-1048	5	6.5	1	1.5	100	835.78	830.78	829.28
B-1048	6.5	11.5	2	5	100	835.78	829.28	824.28
B-1048	11.5	16.5	3	5.2	100	835.78	824.28	819.28
B-1048	16.5	21.5	4	4.9	100	835.78	819.28	814.28
B-1048	21.5	26.5	5	5	100	835.78	814.28	809.28
B-1048	26.5	31.5	6	5.2	100	835.78	809.28	804.28
B-1048	31.5	36.5	7	4.9	100	835.78	804.28	799.28
B-1048	36.5	41.5	8	5.1	100	835.78	799.28	794.28
B-1048	41.5	46.5	9	4.8	96	835.78	794.28	789.28
B-1048	46.5	51.5	10	5.1	100	835.78	789.28	784.28
B-1048	51.5	56.5	11	5.3	100	835.78	784.28	779.28
B-1048	56.5	61.5	12	5	100	835.78	779.28	774.28
B-1048	61.5	66.5	13	5	100	835.78	774.28	769.28
B-1048	66.5	71.5	14	5	100	835.78	769.28	764.28
B-1048	71.5	76.5	15	5	100	835.78	764.28	759.28
B-1048	76.5	81.5	16	5.1	100	835.78	759.28	754.28
B-1048	81.5	86.5	17	5	100	835.78	754.28	749.28
B-1048	86.5	91.5	18	5	100	835.78	749.28	744.28
B-1048	91.5	96.5	19	4.9	98	835.78	744.28	739.28
B-1048	96.5	101.5	20	5.2	100	835.78	739.28	734.28
B-1049	22	25	10	3.2	100	840.41	818.41	815.41
B-1049	25	30	11	5	100	840.41	815.41	810.41
B-1049	30	35	12	5	100	840.41	810.41	805.41
B-1049	35	40	13	5	100	840.41	805.41	800.41
B-1049	40	45	14	4.4	88	840.41	800.41	795.41
B-1049	45	50	15	5.2	100	840.41	795.41	790.41
B-1049	50	55	16	5.1	100	840.41	790.41	785.41
B-1049	55	60	17	5	100	840.41	785.41	780.41
B-1049	60	65	18	5	100	840.41	780.41	775.41
B-1049	65	70	19	5	100	840.41	775.41	770.41
B-1049	70	75	20	4.9	100	840.41	770.41	765.41
B-1049	75	80	21	5.1	100	840.41	765.41	760.41
B-1049	80	85	22	5	100	840.41	760.41	755.41
B-1049	85	90	23	5.1	100	840.41	755.41	750.41
B-1049	90	95	24	5	100	840.41	750.41	745.41
B-1049	95	100	25	5.1	100	840.41	745.41	740.41
B-1050	37.5	40	15	1.1	44	838.50	801.00	798.50
B-1050	40	45	16	1.5	30	838.50	798.50	793.50
B-1050	45	50	17	4.8	96	838.50	793.50	788.50
B-1050	50	55	18	4.9	98	838.50	788.50	783.50
B-1050	55	60	19	5	100	838.50	783.50	778.50
B-1050	60	65	20	5	100	838.50	778.50	773.50
B-1050	65	70	21	5.1	100	838.50	773.50	768.50
B-1050	70	75	22	4.8	96	838.50	768.50	763.50
B-1050	75	80	23	5	100	838.50	763.50	758.50
B-1050	80	85	24	5.1	100	838.50	758.50	753.50
B-1050	85	90	25	5	100	838.50	753.50	748.50
B-1050	90	95	26	4.9	98	838.50	748.50	743.50
B-1050	95	100	27	4.9	98	838.50	743.50	738.50
B-1050	100	105	28	5.1	100	838.50	738.50	733.50
B-1050	105	110	29	5	100	838.50	733.50	728.50
B-1050	110	115	30	5	100	838.50	728.50	723.50
B-1050	115	120	31	4.9	98	838.50	723.50	718.50
B-1050	120	125	32	5	100	838.50	718.50	713.50
B-1050	125	130	33	5	100	838.50	713.50	708.50
B-1050	130	135	34	5.1	100	838.50	708.50	703.50
B-1050	135	140	35	5	100	838.50	703.50	698.50
B-1050	140	145	36	5	100	838.50	698.50	693.50
B-1050	145	150	37	4.9	98	838.50	693.50	688.50
B-1051	15	20	7	5	100	842.69	827.69	822.69
B-1051	20	25	8	4.6	92	842.69	822.69	817.69
B-1051	25	30	9	4.9	98	842.69	817.69	812.69
B-1051	30	35	10	4.3	80	842.69	812.69	807.69
B-1051	35	40	11	4.1	82	842.69	807.69	802.69
B-1051	40	45	12	4.6	92	842.69	802.69	797.69

B-1051	45	50	13	4.5	86	842.69	797.69	792.69
B-1051	50	55	14	3	60	842.69	792.69	787.69
B-1051	55	60	15	4.5	90	842.69	787.69	782.69
B-1051	60	65	16	4.8	96	842.69	782.69	777.69
B-1051	65	70	17	5.1	100	842.69	777.69	772.69
B-1051	70	75	18	5	100	842.69	772.69	767.69
B-1052	14	15	1	0.8	0	842.51	828.51	827.51
B-1052	15	20	2	5	96	842.51	827.51	822.51
B-1052	20	25	3	4.4	88	842.51	822.51	817.51
B-1052	25	30	4	5.1	100	842.51	817.51	812.51
B-1052	30	35	5	4.8	100	842.51	812.51	807.51
B-1052	35	40	6	4.2	100	842.51	807.51	802.51
B-1052	40	45	7	4.5	100	842.51	802.51	797.51
B-1052	45	50	8	5	100	842.51	797.51	792.51
B-1052	50	55	9	3.4	68	842.51	792.51	787.51
B-1052	55	60	10	3.8	76	842.51	787.51	782.51
B-1052	60	65	11	4.3	86	842.51	782.51	777.51
B-1052	65	70	12	4.85	97	842.51	777.51	772.51
B-1052	70	75	13	5	100	842.51	772.51	767.51
B-1053	13	14.5	1	0.4		841.35	828.35	826.85
B-1053	14.5	19.5	2			841.35	826.85	821.85
B-1053	19.5	21.5	3	0	0	841.35	821.85	819.85
B-1053	21.5	26.5	4	3.9	78	841.35	819.85	814.85
B-1053	26.5	31.5	5	4.3	86	841.35	814.85	809.85
B-1053	31.5	36.5	6	4.3	86	841.35	809.85	804.85
B-1053	36.5	41.5	7	4.4	88	841.35	804.85	799.85
B-1053	41.5	46.5	8	4	80	841.35	799.85	794.85
B-1053	46.5	51.5	9	5	100	841.35	794.85	789.85
B-1053	51.5	56.5	10	4.9	98	841.35	789.85	784.85
B-1053	56.5	61.5	11	5	100	841.35	784.85	779.85
B-1053	61.5	66.5	12	4.9	98	841.35	779.85	774.85
B-1053	66.5	71.5	13	4.6	92	841.35	774.85	769.85
B-1053	71.5	75.8	14	4.3	100	841.35	769.85	765.55
B-1054	33.7	35.5	15	1.8	100	839.66	805.96	804.16
B-1054	35.5	40.5	16	5.2	100	839.66	804.16	799.16
B-1054	40.5	45.5	17	4.8	100	839.66	799.16	794.16
B-1054	45.5	50.5	18	5.1	100	839.66	794.16	789.16
B-1054	50.5	55.5	19	5	100	839.66	789.16	784.16
B-1054	55.5	60.5	20	5.1	100	839.66	784.16	779.16
B-1054	60.5	65.5	21	4.9	100	839.66	779.16	774.16
B-1054	65.5	70.5	22	4.8	100	839.66	774.16	769.16
B-1054	70.5	75.5	23	5	100	839.66	769.16	764.16
B-1055	14	16	1	1.7	85	854.80	840.80	838.80
B-1055	16	21	2	5	100	854.80	838.80	833.80
B-1055	21	26	3	4.7	96	854.80	833.80	828.80
B-1055	26	31	4	5	100	854.80	828.80	823.80
B-1055	31	36	5	4.2	5	854.80	823.80	818.80
B-1055	36	41	6	4.5	90	854.80	818.80	813.80
B-1055	41	46	7	4.4	88	854.80	813.80	808.80
B-1055	46	50	8	3.2	80	854.80	808.80	804.80
B-1056	12.5	16	6	2.9	83	843.03	830.53	827.03
B-1056	16	21	7	5	100	843.03	827.03	822.03
B-1056	21	26	8	5	100	843.03	822.03	817.03
B-1056	26	31	9	4.9	98	843.03	817.03	812.03
B-1056	31	36	10	4.9	98	843.03	812.03	807.03
B-1056	36	41	11	5	100	843.03	807.03	802.03
B-1056	41	46	12	4.5	90	843.03	802.03	797.03
B-1056	46	51	13	5	100	843.03	797.03	792.03
B-1057	15.5	20	7	4.5	100	861.14	845.64	841.14
B-1057	20	25	8	5	100	861.14	841.14	836.14
B-1057	25	30	9	5	100	861.14	836.14	831.14
B-1057	30	35	10	5	100	861.14	831.14	826.14
B-1057	35	40	11	5	100	861.14	826.14	821.14
B-1057	40	45	12	5	100	861.14	821.14	816.14
B-1057	45	50	13	5	100	861.14	816.14	811.14
B-1058	4.7	6	3	1	69	845.22	840.52	839.22
B-1058	6	11	4	2.5	50	845.22	839.22	834.22

B-1058	11	16	5	3	60	845.22	834.22	829.22
B-1058	16	21	6	5	100	845.22	829.22	824.22
B-1058	21	26	7	4.9	98	845.22	824.22	819.22
B-1058	26	31	8	5	100	845.22	819.22	814.22
B-1058	31	36	9	4.9	5	845.22	814.22	809.22
B-1058	36	41	10	4.8	5	845.22	809.22	804.22
B-1058	41	46	11	4.6	92	845.22	804.22	799.22
B-1058	46	51	12	4.7	94	845.22	799.22	794.22
B-1059	17	20	7	3.2	100	866.15	849.15	846.15
B-1059	20	25	8	4.9	98	866.15	846.15	841.15
B-1059	25	30	9	5.1	100	866.15	841.15	836.15
B-1059	30	35	10	4.9	98	866.15	836.15	831.15
B-1059	35	40	11	5	100	866.15	831.15	826.15
B-1059	40	45	12	5	100	866.15	826.15	821.15
B-1059	45	50	13	5	100	866.15	821.15	816.15
B-1060	16	20	7	4	100	866.96	850.96	846.96
B-1060	20	25	8	5	100	866.96	846.96	841.96
B-1060	25	30	9	5.1	100	866.96	841.96	836.96
B-1060	30	35	10	5	100	866.96	836.96	831.96
B-1060	35	40	11	5	100	866.96	831.96	826.96
B-1060	40	45	12	5	100	866.96	826.96	821.96
B-1060	45	50	13	5	100	866.96	821.96	816.96
B-1061	7.5	11	4	3.5	100	852.77	845.27	841.77
B-1061	11	16	5	4.9	86	852.77	841.77	836.77
B-1061	16	21	6	5.1	100	852.77	836.77	831.77
B-1061	21	26	7	5	100	852.77	831.77	826.77
B-1061	26	31	8	4.9	98	852.77	826.77	821.77
B-1061	31	36	9	5	100	852.77	821.77	816.77
B-1061	36	41	10	5	100	852.77	816.77	811.77
B-1061	41	46	11	4.7	94	852.77	811.77	806.77
B-1061	46	51	12	4.8	96	852.77	806.77	801.77
B-1062	9.5	10.6	5	1.4	75	848.38	838.88	837.78
B-1062	10.6	15.6	6	5	100	848.38	837.78	832.78
B-1062	15.6	20.6	7	5	100	848.38	832.78	827.78
B-1062	20.6	25.6	8	5	100	848.38	827.78	822.78
B-1062	25.6	30.6	9	5	100	848.38	822.78	817.78
B-1062	30.6	35.6	10	5	100	848.38	817.78	812.78
B-1062	35.6	40.6	11	4.7	94	848.38	812.78	807.78
B-1062	40.6	45.6	12	5	100	848.38	807.78	802.78
B-1062	45.6	50.8	13	4.4	88	848.38	802.78	797.58
B-1063	30	35	13	5	100	837.16	807.16	802.16
B-1063	35	40	14	5.2	100	837.16	802.16	797.16
B-1063	40	45	15	5	100	837.16	797.16	792.16
B-1063	45	50	16	5.1	100	837.16	792.16	787.16
B-1063	50	55	17	5	100	837.16	787.16	782.16
B-1063	55	60	18	5	100	837.16	782.16	777.16
B-1063	60	65	19	5	100	837.16	777.16	772.16
B-1063	65	70	20	4.9	98	837.16	772.16	767.16
B-1063	70	75	21	5	100	837.16	767.16	762.16
B-1063	75	80	22	5	100	837.16	762.16	757.16
B-1063	80	85	23	5.1	100	837.16	757.16	752.16
B-1063	85	90	24	4.9	98	837.16	752.16	747.16
B-1063	90	95	25	5	100	837.16	747.16	742.16
B-1063	95	100	26	4.8	96	837.16	742.16	737.16
B-1064	9	10	5	1	100	839.05	830.05	829.05
B-1064	10	11	6	1	100	839.05	829.05	828.05
B-1064	11	15.5	7	2.9	64	839.05	828.05	823.55
B-1064	15.5	20.5	8	4	80	839.05	823.55	818.55
B-1064	20.5	25.5	9	4.9	96	839.05	818.55	813.55
B-1064	25.5	30.5	10	5.2	100	839.05	813.55	808.55
B-1064	30.5	35.5	11	5	100	839.05	808.55	803.55
B-1064	35.5	40.5	12	5.1	100	839.05	803.55	798.55
B-1064	40.5	45.5	13	5	100	839.05	798.55	793.55
B-1064	45.5	50.5	14	4.9	98	839.05	793.55	788.55
B-1064	50.5	55.5	15	4.9	98	839.05	788.55	783.55
B-1064	55.5	60.5	16	4.8	96	839.05	783.55	778.55
B-1064	60.5	65.5	17	4.7	94	839.05	778.55	773.55

B-1064	65.5	70.5	18	5	100	839.05	773.55	768.55
B-1064	70.5	75.5	19	5.1	100	839.05	768.55	763.55
B-1064	75.5	80.5	20	5.1	100	839.05	763.55	758.55
B-1064	80.5	85.5	21	5	100	839.05	758.55	753.55
B-1064	85.5	90.5	22	5.1	100	839.05	753.55	748.55
B-1064	90.5	95.5	23	4.9	98	839.05	748.55	743.55
B-1064	95.5	100.5	24	5.1	100	839.05	743.55	738.55
B-2000	18.7	22.6	1	3.9	100	844.03	825.33	821.43
B-2000	22.6	27.6	2	4.9	98	844.03	821.43	816.43
B-2000	27.6	32.6	3	5	100	844.03	816.43	811.43
B-2000	32.6	37.6	4	4.9	98	844.03	811.43	806.43
B-2000	37.6	42.6	5	5	100	844.03	806.43	801.43
B-2000	42.6	47.6	6	5	100	844.03	801.43	796.43
B-2000	47.6	52.6	7	4.9	98	844.03	796.43	791.43
B-2000	52.6	57.6	8	5	100	844.03	791.43	786.43
B-2000	57.6	62.6	9	5	100	844.03	786.43	781.43
B-2000	62.6	67.6	10	5	100	844.03	781.43	776.43
B-2000	67.6	72.6	11	5	100	844.03	776.43	771.43
B-2000	72.6	77.6	12	5	100	844.03	771.43	766.43
B-2000	77.6	82.6	13	5	100	844.03	766.43	761.43
B-2000	82.6	87.6	14	5	100	844.03	761.43	756.43
B-2000	87.6	92.6	15	5	100	844.03	756.43	751.43
B-2000	92.6	97.6	16	5	100	844.03	751.43	746.43
B-2000	97.6	102.6	17	5	100	844.03	746.43	741.43
B-2000	102.6	107.6	18	5	100	844.03	741.43	736.43
B-2000	107.6	112.6	19	5	100	844.03	736.43	731.43
B-2000	112.6	117.6	20	5	100	844.03	731.43	726.43
B-2000	117.6	122.6	21	5	100	844.03	726.43	721.43
B-2000	122.6	127.6	22	5	100	844.03	721.43	716.43
B-2000	127.6	132.6	23	5	100	844.03	716.43	711.43
B-2000	132.6	137.6	24	5	100	844.03	711.43	706.43
B-2000	137.6	142.6	25	5	100	844.03	706.43	701.43
B-2000	142.6	147.6	26	5	100	844.03	701.43	696.43
B-2000	147.6	152.6	27	5	100	844.03	696.43	691.43
B-2000	152.6	157.6	28	5	100	844.03	691.43	686.43
B-2000	157.6	162.6	29	4.9	98	844.03	686.43	681.43
B-2000	162.6	167.6	30	5	100	844.03	681.43	676.43
B-2000	167.6	172.6	31	5	100	844.03	676.43	671.43
B-2000	172.6	177.6	32	5	100	844.03	671.43	666.43
B-2000	177.6	182.6	33	5	100	844.03	666.43	661.43
B-2000	182.6	187.6	34	5	100	844.03	661.43	656.43
B-2000	187.6	192.6	35	5	100	844.03	656.43	651.43
B-2000	192.6	197.6	36	4.9	98	844.03	651.43	646.43
B-2000	197.6	202.6	37	5	100	844.03	646.43	641.43
B-2000	202.6	207.6	38	5	100	844.03	641.43	636.43
B-2000	207.6	212.6	39	5	100	844.03	636.43	631.43
B-2000	212.6	217.6	40	5	100	844.03	631.43	626.43
B-2000	217.6	222.6	41	5	100	844.03	626.43	621.43
B-2000	222.6	227.6	42	5	100	844.03	621.43	616.43
B-2000	227.6	232.6	43	5	100	844.03	616.43	611.43
B-2000	232.6	237.6	44	5	100	844.03	611.43	606.43
B-2000	237.6	242.6	45	4.8	96	844.03	606.43	601.43
B-2000	242.6	247.6	46	5	100	844.03	601.43	596.43
B-2000	247.6	252.6	47	5	100	844.03	596.43	591.43
B-2000	252.6	257.6	48	5	100	844.03	591.43	586.43
B-2000	257.6	262.6	49	4.9	98	844.03	586.43	581.43
B-2000	262.6	267.6	50	4.4	88	844.03	581.43	576.43
B-2000	267.6	272.6	51	3.8	76	844.03	576.43	571.43
B-2000	272.6	277.6	52	5	100	844.03	571.43	566.43
B-2000	277.6	282.6	53	4.8	96	844.03	566.43	561.43
B-2000	282.6	287.6	54	4.8	96	844.03	561.43	556.43
B-2000	287.6	292.6	55	4.2	84	844.03	556.43	551.43
B-2000	292.6	297.6	56	4.8	98	844.03	551.43	546.43
B-2000	297.6	302.6	57	4.6	92	844.03	546.43	541.43
B-2000	302.6	307.6	58	4.9	98	844.03	541.43	536.43
B-2000	307.6	312.6	59	4.9	98	844.03	536.43	531.43
B-2000	312.6	317.6	60	4.9	98	844.03	531.43	526.43

B-2000	317.6	322.6	61	4.3	86	844.03	526.43	521.43
B-2000	322.6	327.6	62	3.4	68	844.03	521.43	516.43
B-2000	327.6	332.6	63	4.9	98	844.03	516.43	511.43
B-2000	332.6	337.6	64	4.9	98	844.03	511.43	506.43
B-2000	337.6	342.6	65	5	100	844.03	506.43	501.43
B-2000	342.6	347.6	66	5	100	844.03	501.43	496.43
B-2000	347.6	352.6	67	5	100	844.03	496.43	491.43
B-2000	352.6	357.6	68	5	100	844.03	491.43	486.43
B-2000	357.6	362.6	69	5	100	844.03	486.43	481.43
B-2000	362.6	367.6	70	5	100	844.03	481.43	476.43
B-2000	367.6	372.6	71	5	100	844.03	476.43	471.43
B-2000	372.6	377.6	72	5	100	844.03	471.43	466.43
B-2000	377.6	382.6	73	5	100	844.03	466.43	461.43
B-2000	382.6	387.6	74	5	100	844.03	461.43	456.43
B-2000	387.6	392.6	75	5	100	844.03	456.43	451.43
B-2000	392.6	397.6	76	5	100	844.03	451.43	446.43
B-2000	397.6	401.1	77	3.5	100	844.03	446.43	442.93
B-2001	10	15	1	4.8	96	837.89	827.89	822.89
B-2001	15	16	2	1	100	837.89	822.89	821.89
B-2001	16	21	3	4.9	98	837.89	821.89	816.89
B-2001	21	26	4	5	100	837.89	816.89	811.89
B-2001	26	31	5		100	837.89	811.89	806.89
B-2001	31	36	6	5	100	837.89	806.89	801.89
B-2001	36	41	7	5	100	837.89	801.89	796.89
B-2001	41	46	8	4.8	96	837.89	796.89	791.89
B-2001	46	51	9		100	837.89	791.89	786.89
B-2001	51	56	10	4.7	94	837.89	786.89	781.89
B-2001	56	61	11		100	837.89	781.89	776.89
B-2001	61	66	12	5	100	837.89	776.89	771.89
B-2001	66	71	13	4.7	94	837.89	771.89	766.89
B-2001	71	76	14	5	100	837.89	766.89	761.89
B-2001	76	81	15	5	100	837.89	761.89	756.89
B-2001	81	86	16	5	100	837.89	756.89	751.89
B-2001	86	91	17	5.1	100	837.89	751.89	746.89
B-2001	91	96	18	5	100	837.89	746.89	741.89
B-2001	96	101	19	5	100	837.89	741.89	736.89
B-2001	101	106	20	5	100	837.89	736.89	731.89
B-2001	106	111	21	5	100	837.89	731.89	726.89
B-2001	111	116	22	4.8	96	837.89	726.89	721.89
B-2001	116	121	23	5.1	100	837.89	721.89	716.89
B-2001	121	126	24	5.1	100	837.89	716.89	711.89
B-2001	126	131	25	5.1	100	837.89	711.89	706.89
B-2001	131	136	26	5	100	837.89	706.89	701.89
B-2001	136	141	27	5.1	100	837.89	701.89	696.89
B-2001	141	146	28	4.9	98	837.89	696.89	691.89
B-2001	146	151	29	4.7	94	837.89	691.89	686.89
B-2001	151	156	30	5	100	837.89	686.89	681.89
B-2001	156	161	31	5.1	100	837.89	681.89	676.89
B-2001	161	166	32	5	100	837.89	676.89	671.89
B-2001	166	171	33	5	100	837.89	671.89	666.89
B-2001	171	176	34	5.1	100	837.89	666.89	661.89
B-2001	176	181	35	5.1	100	837.89	661.89	656.89
B-2001	181	186	36	5	100	837.89	656.89	651.89
B-2001	186	191	37	5	100	837.89	651.89	646.89
B-2001	191	196	38	4.9	98	837.89	646.89	641.89
B-2001	196	201	39	5	100	837.89	641.89	636.89
B-2001	201	206	40	4.6	92	837.89	636.89	631.89
B-2001	206	211	41	5.1	100	837.89	631.89	626.89
B-2001	211	216	42	5.1	100	837.89	626.89	621.89
B-2001	216	221	43	5.1	100	837.89	621.89	616.89
B-2001	221	226	44	4	80	837.89	616.89	611.89
B-2001	226	231	45	4.9	98	837.89	611.89	606.89
B-2001	231	236	46	5.1	100	837.89	606.89	601.89
B-2001	236	241	47	5	100	837.89	601.89	596.89
B-2001	241	246	48	4.2	84	837.89	596.89	591.89
B-2001	246	251	49	4.9	100	837.89	591.89	586.89
B-2001	251	256	50	4	100	837.89	586.89	581.89

B-2001	256	261	51		84	837.89	581.89	576.89
B-2001	261	266	52	4.4	88	837.89	576.89	571.89
B-2001	266	271	53	5	100	837.89	571.89	566.89
B-2001	271	276	54		100	837.89	566.89	561.89
B-2001	276	281	55	5.1	100	837.89	561.89	556.89
B-2001	281	286	56	4.5	100	837.89	556.89	551.89
B-2001	286	291	57	4.3	86	837.89	551.89	546.89
B-2001	291	296	58	3.5	70	837.89	546.89	541.89
B-2001	296	301	59	4	80	837.89	541.89	536.89
B-2002	11.5	12	1	0.5	100	837.21	825.71	825.21
B-2002	12	17	2	4.9	84	837.21	825.21	820.21
B-2002	17	22	3	5	100	837.21	820.21	815.21
B-2002	22	27	4	4.9	98	837.21	815.21	810.21
B-2002	27	32	5	5.3	100	837.21	810.21	805.21
B-2002	32	37	6	5	100	837.21	805.21	800.21
B-2002	37	42	7	5.3	100	837.21	800.21	795.21
B-2002	42	47	8	4.7	94	837.21	795.21	790.21
B-2002	47	52	9	5.2	100	837.21	790.21	785.21
B-2002	52	57	10	5	100	837.21	785.21	780.21
B-2002	57	62	11	5.1	100	837.21	780.21	775.21
B-2002	62	67	12	5	100	837.21	775.21	770.21
B-2002	67	72	13	5.1	100	837.21	770.21	765.21
B-2002	72	77	14	5.2	100	837.21	765.21	760.21
B-2002	77	82	15	4.9	98	837.21	760.21	755.21
B-2002	82	87	16	5.3	100	837.21	755.21	750.21
B-2002	87	92	17	5	100	837.21	750.21	745.21
B-2002	92	97	18	5.2	100	837.21	745.21	740.21
B-2002	97	102	19	5.1	100	837.21	740.21	735.21
B-2002	102	107	20	5.3	100	837.21	735.21	730.21
B-2002	107	112	21	5.1	100	837.21	730.21	725.21
B-2002	112	117	22	5.2	100	837.21	725.21	720.21
B-2002	117	122	23	5.2	100	837.21	720.21	715.21
B-2002	122	127	24	5.1	100	837.21	715.21	710.21
B-2002	127	132	25	5.1	100	837.21	710.21	705.21
B-2002	132	137	26	5.3	100	837.21	705.21	700.21
B-2002	137	142	27	5.1	100	837.21	700.21	695.21
B-2002	142	147	28	5.1	100	837.21	695.21	690.21
B-2002	147	152	29	4.8	96	837.21	690.21	685.21
B-2002	152	157	30	5.2	100	837.21	685.21	680.21
B-2002	157	162	31	5	100	837.21	680.21	675.21
B-2002	162	167	32	5.3	100	837.21	675.21	670.21
B-2002	167	172	33	4.9	98	837.21	670.21	665.21
B-2002	172	177	34	5	100	837.21	665.21	660.21
B-2002	177	182	35	4.9	98	837.21	660.21	655.21
B-2002	182	187	36	5.2	100	837.21	655.21	650.21
B-2002	187	192	37	4.9	97	837.21	650.21	645.21
B-2002	192	197	38	4.8	96	837.21	645.21	640.21
B-2002	197	202	39	3.4	68	837.21	640.21	635.21
B-2002	202	205.5	40	3.6	100	837.21	635.21	631.71
B-2002	205.5	207	41	1.5	100	837.21	631.71	630.21
B-2002	207	212	42	5.1	100	837.21	630.21	625.21
B-2002	212	217	43	5	100	837.21	625.21	620.21
B-2002	217	222	44	5.1	100	837.21	620.21	615.21
B-2002	222	227	45	4.6	92	837.21	615.21	610.21
B-2002	227	232	46	4.6	94	837.21	610.21	605.21
B-2002	232	237	47	5.1	100	837.21	605.21	600.21
B-2002	237	242	48	5.2	100	837.21	600.21	595.21
B-2002	242	247	49	4.2	84	837.21	595.21	590.21
B-2002	247	252	50	4.7	94	837.21	590.21	585.21
B-2002	252	257	51	4.8	100	837.21	585.21	580.21
B-2002	257	262	52	5.2	100	837.21	580.21	575.21
B-2002	262	267	53	5.1	100	837.21	575.21	570.21
B-2002	267	272	54	4.9	98	837.21	570.21	565.21
B-2002	272	277	55	4.8	96	837.21	565.21	560.21
B-2002	277	282	56	5	100	837.21	560.21	555.21
B-2002	282	287	57	4.5	94	837.21	555.21	550.21
B-2002	287	292	58	5.2	100	837.21	550.21	545.21

B-2002	292	297	59	4.8	96	837.21	545.21	540.21
B-2002	297	302	60	4.9	98	837.21	540.21	535.21
B-2003	14	18	1	4	100	840.99	826.99	822.99
B-2003	18	23	2	4.9	38	840.99	822.99	817.99
B-2003	23	28	3	5	100	840.99	817.99	812.99
B-2003	28	33	4	5	100	840.99	812.99	807.99
B-2003	33	38	5	5	100	840.99	807.99	802.99
B-2003	38	43	6	5	100	840.99	802.99	797.99
B-2003	43	48	7	4.8	96	840.99	797.99	792.99
B-2003	48	53	8	4.9	98	840.99	792.99	787.99
B-2003	53	58	9	4.9	98	840.99	787.99	782.99
B-2003	58	63	10	5	100	840.99	782.99	777.99
B-2003	63	68	11	5	100	840.99	777.99	772.99
B-2003	68	73	12	5	100	840.99	772.99	767.99
B-2003	73	78	13	5	100	840.99	767.99	762.99
B-2003	78	83	14	5	100	840.99	762.99	757.99
B-2003	83	88	15	5	100	840.99	757.99	752.99
B-2003	88	93	16	5	100	840.99	752.99	747.99
B-2003	93	98	17	5	100	840.99	747.99	742.99
B-2003	98	103	18	5.2	100	840.99	742.99	737.99
B-2003	103	108	19	5	100	840.99	737.99	732.99
B-2003	108	113	20	5	100	840.99	732.99	727.99
B-2003	113	118	21	5	100	840.99	727.99	722.99
B-2003	118	123	22	5	100	840.99	722.99	717.99
B-2003	123	128	23	5	100	840.99	717.99	712.99
B-2003	128	133	24	5	100	840.99	712.99	707.99
B-2003	133	138	25	5	100	840.99	707.99	702.99
B-2003	138	143	26	5	100	840.99	702.99	697.99
B-2003	143	148	27	5	100	840.99	697.99	692.99
B-2003	148	153	28	5	100	840.99	692.99	687.99
B-2003	153	158	29	5	100	840.99	687.99	682.99
B-2003	158	163	30	5	100	840.99	682.99	677.99
B-2003	163	168	31	5	100	840.99	677.99	672.99
B-2003	168	173	32	5	100	840.99	672.99	667.99
B-2003	173	178	33	5	100	840.99	667.99	662.99
B-2003	178	183	34	5	100	840.99	662.99	657.99
B-2003	183	188	35	5	100	840.99	657.99	652.99
B-2003	188	193	36	5	100	840.99	652.99	647.99
B-2003	193	198	37	5	100	840.99	647.99	642.99
B-2003	198	203	38	5	100	840.99	642.99	637.99
B-2003	203	208	39	4.9	100	840.99	637.99	632.99
B-2003	208	213	40	4.9	100	840.99	632.99	627.99
B-2003	213	218	41	5	100	840.99	627.99	622.99
B-2003	218	223	42	5	100	840.99	622.99	617.99
B-2003	223	228	43	4.5	100	840.99	617.99	612.99
B-2003	228	233	44	5	100	840.99	612.99	607.99
B-2003	233	238	45	4.6	92	840.99	607.99	602.99
B-2003	238	243	46	5	100	840.99	602.99	597.99
B-2003	243	248	47	4.5	90	840.99	597.99	592.99
B-2003	248	253	48	5		840.99	592.99	587.99
B-2003 offset	13	15	1	5.1	100	841.14	828.14	826.14
B-2003 offset	15	20	2	5	100	841.14	826.14	821.14
B-2003 offset	20	25	3	5	100	841.14	821.14	816.14
B-2003 offset	25	30	4	5.1	100	841.14	816.14	811.14
B-2003 offset	30	35	5	5	100	841.14	811.14	806.14
B-2003 offset	35	40	6	4.6	92	841.14	806.14	801.14
B-2003 offset	40	45	7	5.1	100	841.14	801.14	796.14
B-2003 offset	45	50	8	5	100	841.14	796.14	791.14
B-2003 offset	50	55	9	5	100	841.14	791.14	786.14
B-2003 offset	55	60	10	5	92	841.14	786.14	781.14
B-2003 offset	60	65	11	5	100	841.14	781.14	776.14
B-2003 offset	65	70	12	5	100	841.14	776.14	771.14
B-2003 offset	70	75	13	5	100	841.14	771.14	766.14
B-2003 offset	75	80	14	5	100	841.14	766.14	761.14
B-2003 offset	80	85	15	4.9	98	841.14	761.14	756.14
B-2003 offset	85	90	16	5.1	92	841.14	756.14	751.14
B-2003 offset	90	95	17	5	100	841.14	751.14	746.14

B-2003 offset	95	100	18	5	100	841.14	746.14	741.14
B-2003 offset	100	105	19	5	100	841.14	741.14	736.14
B-2003 offset	105	110	20	5	100	841.14	736.14	731.14
B-2003 offset	110	115	21	5	100	841.14	731.14	726.14
B-2003 offset	115	120	22	5	100	841.14	726.14	721.14
B-2003 offset	120	125	23	5	100	841.14	721.14	716.14
B-2003 offset	125	130	24	5	100	841.14	716.14	711.14
B-2003 offset	130	135	25	5	100	841.14	711.14	706.14
B-2003 offset	135	140	26	5	100	841.14	706.14	701.14
B-2003 offset	140	145	27	5	100	841.14	701.14	696.14
B-2003 offset	145	150	28	5	100	841.14	696.14	691.14
B-2003 offset	150	155	29	5	100	841.14	691.14	686.14
B-2003 offset	155	160	30	5	100	841.14	686.14	681.14
B-2003 offset	160	165	31	5	100	841.14	681.14	676.14
B-2003 offset	165	170	32	5	100	841.14	676.14	671.14
B-2003 offset	170	175	33	4.9	98	841.14	671.14	666.14
B-2003 offset	175	180	34	5	100	841.14	666.14	661.14
B-2003 offset	180	185	35	4.9	98	841.14	661.14	656.14
B-2003 offset	185	190	36	5	100	841.14	656.14	651.14
B-2003 offset	190	195	37	5	100	841.14	651.14	646.14
B-2003 offset	195	200	38	5	100	841.14	646.14	641.14
B-2003 offset	200	205	39	4.9	98	841.14	641.14	636.14
B-2003 offset	205	210	40	5.1	100	841.14	636.14	631.14
B-2003 offset	210	215	41	4.5	90	841.14	631.14	626.14
B-2003 offset	215	220	42	5.3	100	841.14	626.14	621.14
B-2003 offset	220	225	43	5	100	841.14	621.14	616.14
B-2003 offset	225	230	44	3.9	78	841.14	616.14	611.14
B-2003 offset	230	235	45	4.9	98	841.14	611.14	606.14
B-2003 offset	235	240	46	5	100	841.14	606.14	601.14
B-2003 offset	240	245	47	5.3	100	841.14	601.14	596.14
B-2003 offset	245	250	48	3.3	66	841.14	596.14	591.14
B-2003 offset	250	255	49	3.8	76	841.14	591.14	586.14
B-2003 offset	255	260	50	4.5	80	841.14	586.14	581.14
B-2003 offset	260	265	51	5	100	841.14	581.14	576.14
B-2003 offset	265	270	52	5.1	100	841.14	576.14	571.14
B-2003 offset	270	275	53	5.2	100	841.14	571.14	566.14
B-2003 offset	275	280	54	4.8	96	841.14	566.14	561.14
B-2003 offset	280	285	55	5	100	841.14	561.14	556.14
B-2003 offset	285	290	56	4.7	100	841.14	556.14	551.14
B-2003 offset	290	295	57	5	100	841.14	551.14	546.14
B-2003 offset	295	300	58	4.4	92	841.14	546.14	541.14
B-2003 offset	300	305	59	4.7	94	841.14	541.14	536.14
B-2003 offset	305	310	60	1.6	36	841.14	536.14	531.14
B-2003 offset	310	315	61	4.5	90	841.14	531.14	526.14
B-2003 offset	315	320	62	4.5	80	841.14	526.14	521.14
B-2003 offset	320	325	63	4.6	92	841.14	521.14	516.14
B-2003 offset	325	330	64	5.1	100	841.14	516.14	511.14
B-2003 offset	330	335	65	5	100	841.14	511.14	506.14
B-2003 offset	335	340	66	5	100	841.14	506.14	501.14
B-2003 offset	340	345	67	4.5	90	841.14	501.14	496.14
B-2003 offset	345	350	68	5	100	841.14	496.14	491.14
B-2003 offset	350	355	69	5	100	841.14	491.14	486.14
B-2003 offset	355	360	70	5	100	841.14	486.14	481.14
B-2003 offset	360	365	71	4.8	96	841.14	481.14	476.14
B-2003 offset	365	370	72	5.2	100	841.14	476.14	471.14
B-2003 offset	370	375	73	5.2	100	841.14	471.14	466.14
B-2003 offset	375	380	74	5	100	841.14	466.14	461.14
B-2003 offset	380	385	75	4.3	86	841.14	461.14	456.14
B-2003 offset	385	390	76	3.3	66	841.14	456.14	451.14
B-2003 offset	390	395	77	5	100	841.14	451.14	446.14
B-2003 offset	395	398.2	78	5	100	841.14	446.14	442.94
B-2003 offset	398.2	400.3	79	5	100	841.14	442.94	440.84
B-2004	10	11	1	0.9	90	850.53	840.53	839.53
B-2004	11	16	2	5.4	100	850.53	839.53	834.53
B-2004	16	21	3	4.7	94	850.53	834.53	829.53
B-2004	21	26	4	4.9	98	850.53	829.53	824.53
B-2004	26	31	5	4.9	98	850.53	824.53	819.53

B-2004	31	36	6	5	100	850.53	819.53	814.53
B-2004	36	41	7	5.1	100	850.53	814.53	809.53
B-2004	41	46	8	4.2	84	850.53	809.53	804.53
B-2004	46	51	9	5	100	850.53	804.53	799.53
B-2004	51	56	10	4.7	94	850.53	799.53	794.53
B-2004	56	61	11	5	100	850.53	794.53	789.53
B-2004	61	66	12	5	100	850.53	789.53	784.53
B-2004	66	71	13	5.1	100	850.53	784.53	779.53
B-2004	71	76	14	5	100	850.53	779.53	774.53
B-2004	76	81	15	5	100	850.53	774.53	769.53
B-2004	81	86	16	5	100	850.53	769.53	764.53
B-2004	86	91	17	5	100	850.53	764.53	759.53
B-2004	91	96	18	5	100	850.53	759.53	754.53
B-2004	96	101	19	5	100	850.53	754.53	749.53
B-2004	101	106	20	5.1	100	850.53	749.53	744.53
B-2004	106	111	21	5	100	850.53	744.53	739.53
B-2004	111	116	22	5	100	850.53	739.53	734.53
B-2004	116	121	23	4.9	98	850.53	734.53	729.53
B-2004	121	126	24	5	99	850.53	729.53	724.53
B-2004	126	131	25	5	100	850.53	724.53	719.53
B-2004	131	136	26	5	100	850.53	719.53	714.53
B-2004	136	141	27	5.1	100	850.53	714.53	709.53
B-2004	141	146	28	4.9	98	850.53	709.53	704.53
B-2004	146	151	29	5	100	850.53	704.53	699.53
B-2004	151	156	30	5	100	850.53	699.53	694.53
B-2004	156	161	31	5	100	850.53	694.53	689.53
B-2004	161	166	32	5.1	100	850.53	689.53	684.53
B-2004	166	171	33	5	100	850.53	684.53	679.53
B-2004	171	176	34	4.8	96	850.53	679.53	674.53
B-2004	176	181	35	4.9	98	850.53	674.53	669.53
B-2004	181	186	36	5.1	100	850.53	669.53	664.53
B-2004	186	191	37	5	100	850.53	664.53	659.53
B-2004	191	196	38	4.6	92	850.53	659.53	654.53
B-2004	196	201	39	5	100	850.53	654.53	649.53
B-2004	201	206	40	4.6	92	850.53	649.53	644.53
B-2004	206	211	41	4.7	94	850.53	644.53	639.53
B-2004	211	216	42	4.7	94	850.53	639.53	634.53
B-2004	216	221	43	5.1	100	850.53	634.53	629.53
B-2004	221	226	44	4.5	90	850.53	629.53	624.53
B-2004	226	231	45	5	100	850.53	624.53	619.53
B-2004	231	236	46	4.8	96	850.53	619.53	614.53
B-2004	236	241	47	4.5	90	850.53	614.53	609.53
B-2004	241	246	48	4.9	98	850.53	609.53	604.53
B-2004	246	251	49	4.8	96	850.53	604.53	599.53
B-2004	251	256	50	5	100	850.53	599.53	594.53
B-2004	256	261	51	4.9	98	850.53	594.53	589.53
B-2004	261	266	52	5.1	100	850.53	589.53	584.53
B-2004	266	271	53	4.9	98	850.53	584.53	579.53
B-2004	271	276	54	4.9	98	850.53	579.53	574.53
B-2004	276	281	55	4.8	96	850.53	574.53	569.53
B-2004	281	286	56	4.9	98	850.53	569.53	564.53
B-2004	286	291	57	4.8	96	850.53	564.53	559.53
B-2004	291	296	58	4.5	90	850.53	559.53	554.53
B-2004	296	300	59	3.75	95	850.53	554.53	550.53
B-2005	6	11	1	5	100	848.72	842.72	837.72
B-2005	11	16	2	5.1	100	848.72	837.72	832.72
B-2005	16	21	3	5	100	848.72	832.72	827.72
B-2005	21	26	4	5.1	100	848.72	827.72	822.72
B-2005	26	31	5	5.1	100	848.72	822.72	817.72
B-2005	31	36	6	4.9	100	848.72	817.72	812.72
B-2005	36	41	7	5.1	100	848.72	812.72	807.72
B-2005	41	46	8	5.1	100	848.72	807.72	802.72
B-2005	46	51	9	5	100	848.72	802.72	797.72
B-2005	51	56	10	5	100	848.72	797.72	792.72
B-2005	56	61	11	5	100	848.72	792.72	787.72
B-2005	61	66	12	4.9	98	848.72	787.72	782.72
B-2005	66	71	13	4.9	98	848.72	782.72	777.72

B-2005	71	76	14	4.9	98	848.72	777.72	772.72
B-2005	76	81	15	5.1	100	848.72	772.72	767.72
B-2005	81	86	16	5	100	848.72	767.72	762.72
B-2005	86	91	17	5	100	848.72	762.72	757.72
B-2005	91	96	18	4.9	98	848.72	757.72	752.72
B-2005	96	101	19	5	100	848.72	752.72	747.72
B-2005	101	106	20	5.2	100	848.72	747.72	742.72
B-2005	106	111	21	4.8	96	848.72	742.72	737.72
B-2005	111	116	22	4.9	98	848.72	737.72	732.72
B-2005	116	121	23	5	100	848.72	732.72	727.72
B-2005	121	126	24	4.75	95	848.72	727.72	722.72
B-2005	126	131	25	5	100	848.72	722.72	717.72
B-2005	131	136	26	4.9	98	848.72	717.72	712.72
B-2005	136	141	27	5	100	848.72	712.72	707.72
B-2005	141	146	28	4.95	99	848.72	707.72	702.72
B-2005	146	151	29	5	100	848.72	702.72	697.72
B-2005	151	156	30	5	100	848.72	697.72	692.72
B-2005	156	161	31	5	100	848.72	692.72	687.72
B-2005	161	166	32	5	100	848.72	687.72	682.72
B-2005	166	171	33	5.1	100	848.72	682.72	677.72
B-2005	171	176	34	4.9	98	848.72	677.72	672.72
B-2005	176	181	35	5	100	848.72	672.72	667.72
B-2005	181	186	36	5	100	848.72	667.72	662.72
B-2005	186	191	37	5	100	848.72	662.72	657.72
B-2005	191	196	38	5	100	848.72	657.72	652.72
B-2005	196	201	39	4.8	98	848.72	652.72	647.72
B-2005	201	206	40	5.1	100	848.72	647.72	642.72
B-2005	206	211	41	4.8	96	848.72	642.72	637.72
B-2005	211	216	42	4.8	96	848.72	637.72	632.72
B-2005	216	221	43	5	100	848.72	632.72	627.72
B-2005	221	226	44	4.6	92	848.72	627.72	622.72
B-2006	18.5	21	8	5	100	844.99	826.49	823.99
B-2006	21	26	9	5.1	100	844.99	823.99	818.99
B-2006	26	31	10	5.1	100	844.99	818.99	813.99
B-2006	31	36	11	4.9	100	844.99	813.99	808.99
B-2006	36	41	12	5.1	100	844.99	808.99	803.99
B-2006	41	46	13	5.1	100	844.99	803.99	798.99
B-2006	46	51	14	5.1	100	844.99	798.99	793.99
B-2006	51	56	15	5	100	844.99	793.99	788.99
B-2006	56	61	16	5	100	844.99	788.99	783.99
B-2006	61	66	17	5	100	844.99	783.99	778.99
B-2006	66	71	18	4.9	98	844.99	778.99	773.99
B-2006	71	76	19	4.9	98	844.99	773.99	768.99
B-2006	76	81	20	4.9	100	844.99	768.99	763.99
B-2006	81	86	21	5.1	100	844.99	763.99	758.99
B-2006	86	91	22	5	100	844.99	758.99	753.99
B-2006	91	96	23	5	100	844.99	753.99	748.99
B-2006	96	101	24	4.9	98	844.99	748.99	743.99
B-2006	101	106	25	5	100	844.99	743.99	738.99
B-2006	106	111	26	5.2	100	844.99	738.99	733.99
B-2006	111	116	27	4.8	96	844.99	733.99	728.99
B-2006	116	121	28	4.9	98	844.99	728.99	723.99
B-2006	121	126	29	5	100	844.99	723.99	718.99
B-2006	126	131	30	4.75	95	844.99	718.99	713.99
B-2006	131	136	31	5	100	844.99	713.99	708.99
B-2006	136	141	32	4.9	98	844.99	708.99	703.99
B-2006	141	146	33	5	100	844.99	703.99	698.99
B-2006	146	151	34	5	100	844.99	698.99	693.99
B-2006	151	156	35	5	100	844.99	693.99	688.99
B-2006	156	161	36	5	100	844.99	688.99	683.99
B-2006	161	166	37	5	100	844.99	683.99	678.99
B-2006	166	171	38	5.1	100	844.99	678.99	673.99
B-2006	171	176	39	4.9	98	844.99	673.99	668.99
B-2006	176	181	40	5	100	844.99	668.99	663.99
B-2006	181	186	41	5	100	844.99	663.99	658.99
B-2006	186	191	42	5	100	844.99	658.99	653.99
B-2006	191	196	43	5	100	844.99	653.99	648.99

B-2006	196	201	44	4.8	98	844.99	648.99	643.99
B-2006	201	206	45	5.1	100	844.99	643.99	638.99
B-2006	206	211	46	4.8	96	844.99	638.99	633.99
B-2006	211	216	47	4.8	96	844.99	633.99	628.99
B-2006	216	221	48	5	100	844.99	628.99	623.99
B-2006	221	226	49	4.6	92	844.99	623.99	618.99
B-2007	14	15	1	5	100	841.23	827.23	826.23
B-2007	15	20	2	5	98	841.23	826.23	821.23
B-2007	20	25	3	5	100	841.23	821.23	816.23
B-2007	25	30	4	5	100	841.23	816.23	811.23
B-2007	30	35	5	5	100	841.23	811.23	806.23
B-2007	35	40	6	5.2	100	841.23	806.23	801.23
B-2007	40	45	7	5	10	841.23	801.23	796.23
B-2007	45	50	8	5.1	100	841.23	796.23	791.23
B-2007	50	55	9	5	100	841.23	791.23	786.23
B-2007	55	60	10	5	100	841.23	786.23	781.23
B-2007	60	65	11	5.2	100	841.23	781.23	776.23
B-2007	65	70	12	5.2	100	841.23	776.23	771.23
B-2007	70	75	13	5	10	841.23	771.23	766.23
B-2007	75	80	14	5.2	100	841.23	766.23	761.23
B-2007	80	85	15	5	100	841.23	761.23	756.23
B-2007	85	90	16	5.1	100	841.23	756.23	751.23
B-2007	90	95	17	5	100	841.23	751.23	746.23
B-2007	95	100	18	5	100	841.23	746.23	741.23
B-2007	100	105	19	5.1	100	841.23	741.23	736.23
B-2007	105	110	20	5	100	841.23	736.23	731.23
B-2007	110	115	21	5	100	841.23	731.23	726.23
B-2007	115	120	22	5	100	841.23	726.23	721.23
B-2007	120	125	23	5.1	100	841.23	721.23	716.23
B-2007	125	130	24	5	100	841.23	716.23	711.23
B-2007	130	135	25	5	100	841.23	711.23	706.23
B-2007	135	140	26	5	100	841.23	706.23	701.23
B-2007	140	145	27	5	100	841.23	701.23	696.23
B-2007	145	150	28	5	100	841.23	696.23	691.23
B-2007	150	155	29	5	100	841.23	691.23	686.23
B-2007	155	160	30	5.1	100	841.23	686.23	681.23
B-2007	160	165	31	5	100	841.23	681.23	676.23
B-2007	165	170	32	5.05	100	841.23	676.23	671.23
B-2007	170	175	33	5.15	100	841.23	671.23	666.23
B-2007	175	180	34	5	100	841.23	666.23	661.23
B-2007	180	185	35	5	100	841.23	661.23	656.23
B-2007	185	190	36	5	100	841.23	656.23	651.23
B-2007	190	195	37	5	100	841.23	651.23	646.23
B-2007	195	200	38	4.9	98	841.23	646.23	641.23
B-2007	200	205	39	5	100	841.23	641.23	636.23
B-2007	205	210	40	5	100	841.23	636.23	631.23
B-2007	210	215	41	5	100	841.23	631.23	626.23
B-2007	215	220	42	5	100	841.23	626.23	621.23
B-2007	220	225	43	5	100	841.23	621.23	616.23
B-2008	3.7	5	1	0.7	50	840.62	836.92	835.62
B-2008	5	10	2	2.5	50	840.62	835.62	830.62
B-2008	10	15	3	4.8	94	840.62	830.62	825.62
B-2008	15	20	4	5	94	840.62	825.62	820.62
B-2008	20	25	5	5.1	100	840.62	820.62	815.62
B-2008	25	30	6	5	100	840.62	815.62	810.62
B-2008	30	35	7	4.9	98	840.62	810.62	805.62
B-2008	35	40	8	5	100	840.62	805.62	800.62
B-2008	40	45	9	5	100	840.62	800.62	795.62
B-2008	45	50	10	5	100	840.62	795.62	790.62
B-2008	50	55	11	5.1	100	840.62	790.62	785.62
B-2008	55	60	12	4.9	98	840.62	785.62	780.62
B-2008	60	65	13	5.1	100	840.62	780.62	775.62
B-2008	65	70	14	5	100	840.62	775.62	770.62
B-2008	70	75	15	4.95	99	840.62	770.62	765.62
B-2008	75	80	16	5.05	100	840.62	765.62	760.62
B-2008	80	85	17	4.9	98	840.62	760.62	755.62
B-2008	85	90	18	5	100	840.62	755.62	750.62

B-2008	90	95	19	4.9	98	840.62	750.62	745.62
B-2008	95	100	20	5	100	840.62	745.62	740.62
B-2008	100	105	21	4.9	98	840.62	740.62	735.62
B-2008	105	110	22	5.1	100	840.62	735.62	730.62
B-2008	110	115	23	5	100	840.62	730.62	725.62
B-2008	115	120	24	4.95	99	840.62	725.62	720.62
B-2008	120	125	25	4.85	97	840.62	720.62	715.62
B-2008	125	130	26	5.1	100	840.62	715.62	710.62
B-2008	130	135	27	4.9	98	840.62	710.62	705.62
B-2008	135	140	28	5	100	840.62	705.62	700.62
B-2008	140	145	29	4.9	98	840.62	700.62	695.62
B-2008	145	150	30	4.9	98	840.62	695.62	690.62
B-2008	150	155	31	4.9	98	840.62	690.62	685.62
B-2008	155	160	32	5.1	100	840.62	685.62	680.62
B-2008	160	165	33	4.9	98	840.62	680.62	675.62
B-2008	165	170	34	5.05	100	840.62	675.62	670.62
B-2008	170	175	35	4.9	98	840.62	670.62	665.62
B-2008	175	180	36	5	100	840.62	665.62	660.62
B-2008	180	185	37	5	100	840.62	660.62	655.62
B-2008	185	190	38	4.8	96	840.62	655.62	650.62
B-2008	190	195	39	4.8	96	840.62	650.62	645.62
B-2008	195	200	40	4.8	96	840.62	645.62	640.62
B-2008	200	205	41	5	100	840.62	640.62	635.62
B-2008	205	210	42	5	100	840.62	635.62	630.62
B-2008	210	215	43	5	100	840.62	630.62	625.62
B-2008	215	220	44	4.95	99	840.62	625.62	620.62
B-2008	220	225	45	4.7	94	840.62	620.62	615.62
B-2009-I	17.2	21.6	1	4.4	85	842.97	825.77	821.37
B-2009-I	21.6	25.7	2	4.2	100	842.97	821.37	817.27
B-2009-I	25.7	30.7	3	4.8	96	842.97	817.27	812.27
B-2009-I	30.7	35.7	4	5	100	842.97	812.27	807.27
B-2009-I	35.7	40.7	5	5	96	842.97	807.27	802.27
B-2009-I	40.7	45.7	6		98	842.97	802.27	797.27
B-2009-I	45.7	50.7	7	5	100	842.97	797.27	792.27
B-2009-I	50.7	55.7	8	5	100	842.97	792.27	787.27
B-2009-I	55.7	60.7	9	5	100	842.97	787.27	782.27
B-2009-I	60.7	65.7	10	5.1	100	842.97	782.27	777.27
B-2009-I	65.7	70.7	11	5	100	842.97	777.27	772.27
B-2009-I	70.7	75.7	12	5	100	842.97	772.27	767.27
B-2009-I	75.7	80.7	13	5	100	842.97	767.27	762.27
B-2009-I	80.7	85.7	14	5	100	842.97	762.27	757.27
B-2009-I	85.7	90.7	15	5	100	842.97	757.27	752.27
B-2009-I	90.7	95.7	16	5	100	842.97	752.27	747.27
B-2009-I	95.7	100.7	17	4.9	98	842.97	747.27	742.27
B-2009-I	100.7	105.7	18	5.1	100	842.97	742.27	737.27
B-2009-I	105.7	110.7	19	5	100	842.97	737.27	732.27
B-2009-I	110.7	115.7	20	5	100	842.97	732.27	727.27
B-2009-I	115.7	120.7	21	5	100	842.97	727.27	722.27
B-2009-I	120.7	125.7	22	5.1	100	842.97	722.27	717.27
B-2009-I	125.7	130.7	23	4.9	98	842.97	717.27	712.27
B-2009-I	130.7	135.7	24	5.1	100	842.97	712.27	707.27
B-2009-I	135.7	140.7	25	5	100	842.97	707.27	702.27
B-2009-I	140.7	145.7	26	5	100	842.97	702.27	697.27
B-2009-I	145.7	150.7	27	4.9	98	842.97	697.27	692.27
B-2009-I	150.7	155.7	28	5.1	100	842.97	692.27	687.27
B-2009-I	155.7	160.7	29	5	100	842.97	687.27	682.27
B-2009-I	160.7	165.7	30	5	100	842.97	682.27	677.27
B-2009-I	165.7	170.7	31	5.1	100	842.97	677.27	672.27
B-2009-I	170.7	175.7	32	5	100	842.97	672.27	667.27
B-2009-I	175.7	180.7	33	5.1	100	842.97	667.27	662.27
B-2009-I	180.7	185.7	34	5	100	842.97	662.27	657.27
B-2009-I	185.7	190.7	35	5	100	842.97	657.27	652.27
B-2009-I	190.7	195.7	36	5	100	842.97	652.27	647.27
B-2009-I	195.7	200.7	37	4.9	98	842.97	647.27	642.27
B-2009-I	200.7	205.7	38	5.1	100	842.97	642.27	637.27
B-2009-I	205.7	210.7	39	4.9	98	842.97	637.27	632.27
B-2009-I	210.7	215.7	40	5	100	842.97	632.27	627.27

B-2009-I	215.7	220.7	41	5	100	842.97	627.27	622.27
B-2009-I	220.7	225.7	42	4.7	94	842.97	622.27	617.27
B-2010	9	13.4	1	5	84	846.41	837.41	833.01
B-2010	13.4	18.4	2	5.1	100	846.41	833.01	828.01
B-2010	18.4	23.4	3	5	96	846.41	828.01	823.01
B-2010	23.4	28.4	4	5	100	846.41	823.01	818.01
B-2010	28.4	33.4	5	5.1	100	846.41	818.01	813.01
B-2010	33.4	38.4	6	5.1	100	846.41	813.01	808.01
B-2010	38.4	43.4	7	5	100	846.41	808.01	803.01
B-2010	43.4	48.4	8	5.3	100	846.41	803.01	798.01
B-2010	48.4	53.4	9	5	100	846.41	798.01	793.01
B-2010	53.4	58.4	10	5	100	846.41	793.01	788.01
B-2010	58.4	63.4	11	5	100	846.41	788.01	783.01
B-2010	63.4	68.4	12	5	100	846.41	783.01	778.01
B-2010	68.4	73.4	13	5	100	846.41	778.01	773.01
B-2010	73.4	78.4	14	5	100	846.41	773.01	768.01
B-2010	78.4	83.4	15	5	100	846.41	768.01	763.01
B-2010	83.4	88.4	16	5	100	846.41	763.01	758.01
B-2010	88.4	93.4	17	5	100	846.41	758.01	753.01
B-2010	93.4	98.4	18	5.1	100	846.41	753.01	748.01
B-2010	98.4	103.4	19	5.2	100	846.41	748.01	743.01
B-2010	103.4	108.4	20	5	100	846.41	743.01	738.01
B-2010	108.4	113.4	21	5	100	846.41	738.01	733.01
B-2010	113.4	118.4	22	5	100	846.41	733.01	728.01
B-2010	118.4	123.4	23	5.5	100	846.41	728.01	723.01
B-2010	123.4	128.4	24	4.9	98	846.41	723.01	718.01
B-2010	128.4	133.4	25	0.5	4100	846.41	718.01	713.01
B-2010	133.4	138.4	26	5.2	100	846.41	713.01	708.01
B-2010	138.4	143.4	27	4.95	99	846.41	708.01	703.01
B-2010	143.4	148.4	28	5.2	100	846.41	703.01	698.01
B-2010	148.4	153.4	29	4.8	96	846.41	698.01	693.01
B-2010	153.4	158.4	30	5	100	846.41	693.01	688.01
B-2010	158.4	163.4	31	4.9	98	846.41	688.01	683.01
B-2010	163.4	168.4	32	5.1	100	846.41	683.01	678.01
B-2010	168.4	173.4	33	4.9	98	846.41	678.01	673.01
B-2010	173.4	178.4	34	5	100	846.41	673.01	668.01
B-2010	178.4	183.4	35	5.2	100	846.41	668.01	663.01
B-2010	183.4	188.4	36	5	100	846.41	663.01	658.01
B-2010	188.4	193.4	37	4.95	99	846.41	658.01	653.01
B-2010	193.4	198.4	38	4.95	99	846.41	653.01	648.01
B-2010	198.4	203.4	39	4.8	96	846.41	648.01	643.01
B-2010	203.4	208.4	40	4.95	99	846.41	643.01	638.01
B-2010	208.4	213.4	41	4.7	94	846.41	638.01	633.01
B-2010	213.4	218.4	42	5.2	100	846.41	633.01	628.01
B-2010	218.4	223.4	43	4.9	98	846.41	628.01	623.01
B-2010	223.4	226.4	44	5	100	846.41	623.01	620.01
B-2011-I	16.6	20.6	1	4	100	847.08	830.48	826.48
B-2011-I	20.6	25.6	2	5	100	847.08	826.48	821.48
B-2011-I	25.6	30.6	3	5	100	847.08	821.48	816.48
B-2011-I	30.6	35.6	4	5	100	847.08	816.48	811.48
B-2011-I	35.6	40.6	5	5.1	100	847.08	811.48	806.48
B-2011-I	40.6	45.6	6	5	100	847.08	806.48	801.48
B-2011-I	45.6	50.6	7	4.9	98	847.08	801.48	796.48
B-2011-I	50.6	55.6	8	5.1	100	847.08	796.48	791.48
B-2011-I	55.6	60.6	9	4.7	94	847.08	791.48	786.48
B-2011-I	60.6	65.6	10	5.3	100	847.08	786.48	781.48
B-2011-I	65.6	70.6	11	5.3	100	847.08	781.48	776.48
B-2011-I	70.6	75.6	12	5	100	847.08	776.48	771.48
B-2011-I	75.6	80.6	13	5	100	847.08	771.48	766.48
B-2011-I	80.6	85.6	14	4.9	98	847.08	766.48	761.48
B-2011-I	85.6	90.6	15	5.1	100	847.08	761.48	756.48
B-2011-I	90.6	95.6	16	5	100	847.08	756.48	751.48
B-2011-I	95.6	100.6	17	4.8	96	847.08	751.48	746.48
B-2011-I	100.6	105.6	18	5.2	100	847.08	746.48	741.48
B-2011-I	105.6	110.6	19	5	100	847.08	741.48	736.48
B-2011-I	110.6	115.6	20	5	100	847.08	736.48	731.48
B-2011-I	115.6	120.6	21	5	100	847.08	731.48	726.48

B-2011-I	120.6	125.6	22	4.9	98	847.08	726.48	721.48
B-2011-I	125.6	130.6	23	5.1	100	847.08	721.48	716.48
B-2011-I	130.6	135.6	24	5	100	847.08	716.48	711.48
B-2011-I	135.6	140.6	25	4.9	98	847.08	711.48	706.48
B-2011-I	140.6	145.6	26	4.9	98	847.08	706.48	701.48
B-2011-I	145.6	150.6	27	5.2	100	847.08	701.48	696.48
B-2011-I	150.6	155.6	28	5	100	847.08	696.48	691.48
B-2011-I	155.6	160.6	29	5	100	847.08	691.48	686.48
B-2011-I	160.6	165.6	30	4.9	98	847.08	686.48	681.48
B-2011-I	165.6	170.6	31	5.1	100	847.08	681.48	676.48
B-2011-I	170.6	175.6	32	5	100	847.08	676.48	671.48
B-2011-I	175.6	180.6	33	5	100	847.08	671.48	666.48
B-2011-I	180.6	185.6	34	5	100	847.08	666.48	661.48
B-2011-I	185.6	190.6	35	4.9	98	847.08	661.48	656.48
B-2011-I	190.6	195.6	36	5.1	100	847.08	656.48	651.48
B-2011-I	195.6	200.6	37	5	100	847.08	651.48	646.48
B-2011-I	200.6	205.6	38	4.9	98	847.08	646.48	641.48
B-2011-I	205.6	210.6	39	4.8	96	847.08	641.48	636.48
B-2011-I	210.6	214.6	40	4.2	100	847.08	636.48	632.48
B-2011-I	214.6	215.6	41	1	100	847.08	632.48	631.48
B-2011-I	215.6	220.6	42	4.6	92	847.08	631.48	626.48
B-2011-I	220.6	224.6	43	4.3	86	847.08	626.48	622.48
B-2011-I	224.6	225.6	44	0.9	90	847.08	622.48	621.48
B-2012	8.5	12	1	2.8	72.8	847.19	838.69	835.19
B-2012	12	17	2	4.5	90	847.19	835.19	830.19
B-2012	17	22	3	5.4	100	847.19	830.19	825.19
B-2012	22	27	4	4.7	100	847.19	825.19	820.19
B-2012	27	32	5	5	98	847.19	820.19	815.19
B-2012	32	37	6	5	100	847.19	815.19	810.19
B-2012	37	42	7	4.6	100	847.19	810.19	805.19
B-2012	42	47	8	5	100	847.19	805.19	800.19
B-2012	47	52	9	3.6	100	847.19	800.19	795.19
B-2012	52	57	10	4.8	100	847.19	795.19	790.19
B-2012	57	62	11	5	100	847.19	790.19	785.19
B-2012	62	67	12	5	86	847.19	785.19	780.19
B-2012	67	72	13	5	100	847.19	780.19	775.19
B-2012	72	77	14	5	100	847.19	775.19	770.19
B-2012	77	82	15	5	100	847.19	770.19	765.19
B-2012	82	87	16	5	100	847.19	765.19	760.19
B-2012	87	92	17	4.5	100	847.19	760.19	755.19
B-2012	92	97	18	5.2	100	847.19	755.19	750.19
B-2012	97	102	19	4.9	100	847.19	750.19	745.19
B-2012	102	107	20	5.2	100	847.19	745.19	740.19
B-2012	107	112	21	5	100	847.19	740.19	735.19
B-2012	112	117	22	5.1	100	847.19	735.19	730.19
B-2012	117	122	23	5	100	847.19	730.19	725.19
B-2012	122	127	24	5	100	847.19	725.19	720.19
B-2012	127	132	25	5	100	847.19	720.19	715.19
B-2012	132	137	26	5	100	847.19	715.19	710.19
B-2012	137	142	27	5	100	847.19	710.19	705.19
B-2012	142	147	28	5	100	847.19	705.19	700.19
B-2012	147	150	29	3	100	847.19	700.19	697.19
B-2013	3.5	5.5	1	0.9	0	846.96	843.46	841.46
B-2013	5.5	10.5	2	2.5	90	846.96	841.46	836.46
B-2013	10.5	15.5	3	5	100	846.96	836.46	831.46
B-2013	15.5	20.5	4	5	72	846.96	831.46	826.46
B-2013	20.5	25.5	5	5	100	846.96	826.46	821.46
B-2013	25.5	30.5	6	4.7	100	846.96	821.46	816.46
B-2013	30.5	35.5	7	5	100	846.96	816.46	811.46
B-2013	35.5	40.5	8	5	100	846.96	811.46	806.46
B-2013	40.5	45.5	9	5	100	846.96	806.46	801.46
B-2013	45.5	50.5	10	5	100	846.96	801.46	796.46
B-2013	50.5	55.5	11	5	100	846.96	796.46	791.46
B-2013	55.5	60.5	12	5	100	846.96	791.46	786.46
B-2013	60.5	65.5	13	4.8	100	846.96	786.46	781.46
B-2013	65.5	70.5	14	5	100	846.96	781.46	776.46
B-2013	70.5	75.5	15	4.9	98	846.96	776.46	771.46

B-2013	75.5	80.5	16	5	100	846.96	771.46	766.46
B-2013	80.5	85.5	17	5	100	846.96	766.46	761.46
B-2013	85.5	90.5	18	5	100	846.96	761.46	756.46
B-2013	90.5	95.5	19	4.9	98	846.96	756.46	751.46
B-2013	95.5	100.5	20	5	100	846.96	751.46	746.46
B-2013	100.5	105.5	21	4.9	98	846.96	746.46	741.46
B-2013	105.5	110.5	22	5.1	92	846.96	741.46	736.46
B-2013	110.5	115.5	23	3	100	846.96	736.46	731.46
B-2013	115.5	120.5	24	5	100	846.96	731.46	726.46
B-2013	120.5	125.5	25	5.1	100	846.96	726.46	721.46
B-2013	125.5	130.5	26	4.8	96	846.96	721.46	716.46
B-2013	130.5	135.5	27	5	100	846.96	716.46	711.46
B-2013	135.5	140.5	28	4.9	98	846.96	711.46	706.46
B-2013	140.5	145.5	29	5	100	846.96	706.46	701.46
B-2013	145.5	150.5	30	5	100	846.96	701.46	696.46
B-2014	8.5	10	1	1.5	100	839.41	830.91	829.41
B-2014	10	15	2	5	100	839.41	829.41	824.41
B-2014	15	20	3	4.8	96	839.41	824.41	819.41
B-2014	20	25	4	4.7	94	839.41	819.41	814.41
B-2014	25	30	5	5	100	839.41	814.41	809.41
B-2014	30	35	6	5	100	839.41	809.41	804.41
B-2014	35	40	7	5	100	839.41	804.41	799.41
B-2014	40	45	8	4.3	86	839.41	799.41	794.41
B-2014	45	50	9	5	100	839.41	794.41	789.41
B-2014	50	55	10	5	100	839.41	789.41	784.41
B-2014	55	60	11	5	100	839.41	784.41	779.41
B-2014	60	65	12	5	100	839.41	779.41	774.41
B-2014	65	70	13	5	100	839.41	774.41	769.41
B-2014	70	75	14	5	100	839.41	769.41	764.41
B-2014	75	80	15	5	100	839.41	764.41	759.41
B-2014	80	85	16	4.9	98	839.41	759.41	754.41
B-2014	85	90	17	5	100	839.41	754.41	749.41
B-2014	90	95	18	5	100	839.41	749.41	744.41
B-2014	95	100	19	5	100	839.41	744.41	739.41
B-2014	100	105	20	5	100	839.41	739.41	734.41
B-2014	105	110	21	5	100	839.41	734.41	729.41
B-2014	110	115	22	5	100	839.41	729.41	724.41
B-2014	115	120	23	5	100	839.41	724.41	719.41
B-2014	120	125	24	5	100	839.41	719.41	714.41
B-2014	125	130	25	5	100	839.41	714.41	709.41
B-2014	130	135	26	5	100	839.41	709.41	704.41
B-2014	135	140	27	5	100	839.41	704.41	699.41
B-2014	140	145	28	5	100	839.41	699.41	694.41
B-2014	145	150	29	5	100	839.41	694.41	689.41
B-2015	7.3	10	1	2.7	100	846.68	839.38	836.68
B-2015	10	15	2	5.2	100	846.68	836.68	831.68
B-2015	15	20	3	5	100	846.68	831.68	826.68
B-2015	20	25	4	5	100	846.68	826.68	821.68
B-2015	25	30	5	5	100	846.68	821.68	816.68
B-2015	30	35	6	5	100	846.68	816.68	811.68
B-2015	35	40	7	5	100	846.68	811.68	806.68
B-2015	40	45	8	5	100	846.68	806.68	801.68
B-2015	45	50	9	5	100	846.68	801.68	796.68
B-2015	50	55	10	4.9	98	846.68	796.68	791.68
B-2015	55	60	11	5	100	846.68	791.68	786.68
B-2015	60	65	12	5.2	100	846.68	786.68	781.68
B-2015	65	70	13	4.8	96	846.68	781.68	776.68
B-2015	70	75	14	5	100	846.68	776.68	771.68
B-2015	75	80	15	5	100	846.68	771.68	766.68
B-2015	80	85	16	5	100	846.68	766.68	761.68
B-2015	85	90	17	5	100	846.68	761.68	756.68
B-2015	90	95	18	5	100	846.68	756.68	751.68
B-2015	95	100	19	5	100	846.68	751.68	746.68
B-2015	100	105	20	5	100	846.68	746.68	741.68
B-2015	105	110	21	5	100	846.68	741.68	736.68
B-2015	110	115	22	5	100	846.68	736.68	731.68
B-2015	115	120	23	4.8	96	846.68	731.68	726.68

B-2015	120	125	24	4.9	98	846.68	726.68	721.68
B-2015	125	130	25	4.9	98	846.68	721.68	716.68
B-2015	130	135	26	5	100	846.68	716.68	711.68
B-2015	135	140	27	5	100	846.68	711.68	706.68
B-2015	140	145	28	5	100	846.68	706.68	701.68
B-2015	145	150	29	5	100	846.68	701.68	696.68
B-2015	150	155	30	5	100	846.68	696.68	691.68
B-2015	155	160	31	5	100	846.68	691.68	686.68
B-2015	160	165	32	5	100	846.68	686.68	681.68
B-2015	165	170	33	4.9	98	846.68	681.68	676.68
B-2015	170	175	34	4.9	98	846.68	676.68	671.68
B-2015	175	180	35	5	100	846.68	671.68	666.68
B-2015	180	185	36	5	100	846.68	666.68	661.68
B-2015	185	190	37	5	100	846.68	661.68	656.68
B-2015	190	195	38	5	100	846.68	656.68	651.68
B-2015	195	200	39	5	100	846.68	651.68	646.68
B-2016	9.5	13.2	1	3.7	100	841.04	831.54	827.84
B-2016	13.2	18.2	2	5	100	841.04	827.84	822.84
B-2016	18.2	23.2	3	5	100	841.04	822.84	817.84
B-2016	23.2	28.2	4	5	100	841.04	817.84	812.84
B-2016	28.2	33.2	5	5	100	841.04	812.84	807.84
B-2016	33.2	38.2	6	5	100	841.04	807.84	802.84
B-2016	38.2	43.2	7	5	100	841.04	802.84	797.84
B-2016	43.2	48.2	8	5	100	841.04	797.84	792.84
B-2016	48.2	53.2	9	5	100	841.04	792.84	787.84
B-2016	53.2	58.2	10	5	100	841.04	787.84	782.84
B-2016	58.2	63.2	11	5	100	841.04	782.84	777.84
B-2016	63.2	68.2	12	4.8	96	841.04	777.84	772.84
B-2016	68.2	73.2	13	5	100	841.04	772.84	767.84
B-2016	73.2	78.2	14	4.9	98	841.04	767.84	762.84
B-2016	78.2	83.2	15	5	100	841.04	762.84	757.84
B-2016	88.2	93.2	16	5	100	841.04	752.84	747.84
B-2016	93.2	98.2	17	5	100	841.04	747.84	742.84
B-2016	98.2	103.2	18	5	100	841.04	742.84	737.84
B-2016	103.2	108.2	19	5	100	841.04	737.84	732.84
B-2016	108.2	113.2	20	5	100	841.04	732.84	727.84
B-2016	113.2	118.2	21	5	100	841.04	727.84	722.84
B-2016	118.2	123.2	22	5	100	841.04	722.84	717.84
B-2016	123.2	128.2	23	5	100	841.04	717.84	712.84
B-2016	128.2	133.2	24	5	100	841.04	712.84	707.84
B-2016	133.2	138.2	25	5	100	841.04	707.84	702.84
B-2016	138.2	143.2	26	5	100	841.04	702.84	697.84
B-2016	143.2	148.2	27	5	100	841.04	697.84	692.84
B-2016	148.2	150	28	5	100	841.04	692.84	691.04
B-2017	16	20	1	3.4	76	845.37	829.37	825.37
B-2017	20	25	2	5.1	100	845.37	825.37	820.37
B-2017	25	30	3	5	100	845.37	820.37	815.37
B-2017	30	35	4	5.1	100	845.37	815.37	810.37
B-2017	35	40	5	5.1	100	845.37	810.37	805.37
B-2017	40	45	6	5.1	100	845.37	805.37	800.37
B-2017	45	50	7	4.9	98	845.37	800.37	795.37
B-2017	50	55	8	4.9	98	845.37	795.37	790.37
B-2017	55	60	9	5.2	100	845.37	790.37	785.37
B-2017	60	65	10	5	100	845.37	785.37	780.37
B-2017	65	70	11	5	100	845.37	780.37	775.37
B-2017	70	75	12	5	100	845.37	775.37	770.37
B-2017	75	80	13	5	100	845.37	770.37	765.37
B-2017	80	85	14	5	100	845.37	765.37	760.37
B-2017	85	90	15	5.1	100	845.37	760.37	755.37
B-2017	90	95	16	5	100	845.37	755.37	750.37
B-2017	95	100	17	5	100	845.37	750.37	745.37
B-2017	100	105	18	4.9	98	845.37	745.37	740.37
B-2017	105	110	19	5	100	845.37	740.37	735.37
B-2017	110	115	20	5.1	100	845.37	735.37	730.37
B-2017	115	120	21	5	100	845.37	730.37	725.37
B-2017	120	125	22	5	100	845.37	725.37	720.37
B-2017	125	130	23	4.9	98	845.37	720.37	715.37

B-2017	130	135	24	5.1	100	845.37	715.37	710.37
B-2017	135	140	25	5	100	845.37	710.37	705.37
B-2017	140	145	26	5.1	100	845.37	705.37	700.37
B-2017	145	150	27	4.95	99	845.37	700.37	695.37
B-2018-OFFSET	14.1	16	1	1.9	100	849.07	834.97	833.07
B-2018-OFFSET	16	20.9	2	4.9	100	849.07	833.07	828.17
B-2018-OFFSET	20.9	25.9	3	4.9	100	849.07	828.17	823.17
B-2018-OFFSET	25.9	31	4	5	100	849.07	823.17	818.07
B-2018-OFFSET	31	36.1	5	5.1	100	849.07	818.07	812.97
B-2018-OFFSET	36.1	40.9	6	4.9	100	849.07	812.97	808.17
B-2018-OFFSET	40.9	46.1	7	5.1	100	849.07	808.17	802.97
B-2018-OFFSET	46.1	51	8	5	100	849.07	802.97	798.07
B-2018-OFFSET	51	55.95	9	4.95	100	849.07	798.07	793.12
B-2018-OFFSET	55.95	61	10	5	100	849.07	793.12	788.07
B-2018-OFFSET	61	66.1	11	5.1	100	849.07	788.07	782.97
B-2018-OFFSET	66.1	70.9	12	4.9	100	849.07	782.97	778.17
B-2018-OFFSET	70.9	76.1	13	5.1	100	849.07	778.17	772.97
B-2018-OFFSET	76.1	80.9	14	4.9	100	849.07	772.97	768.17
B-2018-OFFSET	80.9	86.15	15	5.15	100	849.07	768.17	762.92
B-2018-OFFSET	86.15	91	16	5	100	849.07	762.92	758.07
B-2018-OFFSET	91	96	17	5	100	849.07	758.07	753.07
B-2018-OFFSET	96	101	18	5	100	849.07	753.07	748.07
B-2018-OFFSET	101	106	19			849.07	748.07	743.07
B-2018-OFFSET	106	111.05	20	5.05	100	849.07	743.07	738.02
B-2018-OFFSET	111.1	116.15	21	5.15	100	849.07	738.02	732.92
B-2018-OFFSET	116.2	120.9	22	4.9	100	849.07	732.92	728.17
B-2018-OFFSET	120.9	125.9	23	4.9	100	849.07	728.17	723.17
B-2018-OFFSET	125.9	131.1	24	5.1	100	849.07	723.17	717.97
B-2018-OFFSET	131.1	135.9	25	4.9	100	849.07	717.97	713.17
B-2018-OFFSET	135.9	141.1	26	5.1	100	849.07	713.17	707.97
B-2018-OFFSET	141.1	145.95	27	4.95	100	849.07	707.97	703.12
B-2018-OFFSET	146	151.15	28	5.15	100	849.07	703.12	697.92
B-2018-OFFSET	151.2	156	29	5	100	849.07	697.92	693.07
B-2018-OFFSET	156	160.95	30	4.95	100	849.07	693.07	688.12
B-2018-OFFSET	161	166.05	31	5.05	100	849.07	688.12	683.02
B-2018-OFFSET	166.1	171.1	32	5.1	100	849.07	683.02	677.97
B-2018-OFFSET	171.1	175.9	33	4.9	100	849.07	677.97	673.17
B-2018-OFFSET	175.9	181	34	5	100	849.07	673.17	668.07
B-2018-OFFSET	181	185.9	35	4.9	100	849.07	668.07	663.17
B-2018-OFFSET	185.9	191.2	36	5.2	100	849.07	663.17	657.87
B-2018-OFFSET	191.2	195.9	37	4.9	100	849.07	657.87	653.17
B-2018-OFFSET	195.9	200	38	4.2	100	849.07	653.17	649.07
B-2019	8.7	13.7	1	4.4	100	852.57	843.87	838.87
B-2019	13.7	15.7	2			852.57	838.87	836.87
B-2019	15.7	20.7	3	5	100	852.57	836.87	831.87
B-2019	20.7	25.7	4	5	100	852.57	831.87	826.87
B-2019	25.7	30.7	5	5	100	852.57	826.87	821.87
B-2019	30.7	35.7	6	5	100	852.57	821.87	816.87
B-2019	35.7	40.7	7	5	100	852.57	816.87	811.87
B-2019	40.7	45.7	8	5	100	852.57	811.87	806.87
B-2019	45.7	50.7	9	5	100	852.57	806.87	801.87
B-2019	50.7	55.7	10	5	100	852.57	801.87	796.87
B-2019	55.7	60.7	11	5	100	852.57	796.87	791.87
B-2019	60.7	65.7	12	5	100	852.57	791.87	786.87
B-2019	65.7	70.7	13	4.3	100	852.57	786.87	781.87
B-2019	70.7	75.7	14	5	100	852.57	781.87	776.87
B-2019	75.7	80.7	15	5	100	852.57	776.87	771.87
B-2019	80.7	85.7	16	5	100	852.57	771.87	766.87
B-2019	85.7	90.7	17	5	100	852.57	766.87	761.87
B-2019	90.7	95.7	18	5	100	852.57	761.87	756.87
B-2019	95.7	100.7	19	5	100	852.57	756.87	751.87
B-2019	100.7	105.7	20	5	100	852.57	751.87	746.87
B-2019	105.7	110.7	21	5	100	852.57	746.87	741.87
B-2019	110.7	115.7	22	5	100	852.57	741.87	736.87
B-2019	115.7	120.7	23	5	100	852.57	736.87	731.87
B-2019	120.7	125.7	24	5	99	852.57	731.87	726.87
B-2019	125.7	130.7	25	5	100	852.57	726.87	721.87

B-2019	130.7	135.7	26	5	100	852.57	721.87	716.87
B-2019	135.7	140.7	27	5	100	852.57	716.87	711.87
B-2019	140.7	145.7	28	5	100	852.57	711.87	706.87
B-2019	145.7	150.7	29	5	100	852.57	706.87	701.87
B-2020	11.5	15	1	3.5	100	832.25	820.75	817.25
B-2020	15	20	2	5	100	832.25	817.25	812.25
B-2020	20	25	3	5	100	832.25	812.25	807.25
B-2020	25	30	4	5	100	832.25	807.25	802.25
B-2020	30	35	5	5	100	832.25	802.25	797.25
B-2020	35	40	6	5	100	832.25	797.25	792.25
B-2020	40	45	7	5.2	100	832.25	792.25	787.25
B-2020	45	50	8	5	100	832.25	787.25	782.25
B-2020	50	55	9	5	100	832.25	782.25	777.25
B-2020	55	60	10	5	100	832.25	777.25	772.25
B-2020	60	65	11	5	100	832.25	772.25	767.25
B-2020	65	70	12	4.9	98	832.25	767.25	762.25
B-2020	70	75	13	5.1	100	832.25	762.25	757.25
B-2020	75	80	14	5	100	832.25	757.25	752.25
B-2020	80	85	15	5	100	832.25	752.25	747.25
B-2020	85	90	16	4.9	98	832.25	747.25	742.25
B-2020	90	95	17	5	100	832.25	742.25	737.25
B-2020	95	100	18	5	100	832.25	737.25	732.25
B-2020	100	105	19	5	100	832.25	732.25	727.25
B-2020	105	110	20	5	100	832.25	727.25	722.25
B-2020	110	115	21	5	100	832.25	722.25	717.25
B-2020	115	120	22	4.8	96	832.25	717.25	712.25
B-2020	120	125	23	5	100	832.25	712.25	707.25
B-2020	125	130	24	5.2	100	832.25	707.25	702.25
B-2020	130	135	25	4.9	98	832.25	702.25	697.25
B-2020	135	140	26	5	100	832.25	697.25	692.25
B-2020	140	145	27	5	100	832.25	692.25	687.25
B-2020	145	150	28	5	100	832.25	687.25	682.25
B-2021	8.7	10	1	1.3	100	849.56	840.86	839.56
B-2021	10	15	2	5	100	849.56	839.56	834.56
B-2021	15	20	3	5	100	849.56	834.56	829.56
B-2021	20	25	4	5	100	849.56	829.56	824.56
B-2021	25	30	5	5	100	849.56	824.56	819.56
B-2021	30	35	6			849.56	819.56	814.56
B-2021	35	40	7	5	100	849.56	814.56	809.56
B-2021	40	45	8	5	100	849.56	809.56	804.56
B-2021	45	50	9	5	100	849.56	804.56	799.56
B-2021	50	55	10	5	100	849.56	799.56	794.56
B-2021	55	60	11	5	100	849.56	794.56	789.56
B-2021	60	65	12	5	98	849.56	789.56	784.56
B-2021	65	70	13	5	100	849.56	784.56	779.56
B-2021	70	75	14	5	100	849.56	779.56	774.56
B-2021	75	80	15	5	100	849.56	774.56	769.56
B-2021	80	85	16	5	100	849.56	769.56	764.56
B-2021	85	90	17	5	100	849.56	764.56	759.56
B-2021	90	95	18	5	100	849.56	759.56	754.56
B-2021	95	100	19	5	100	849.56	754.56	749.56
B-2021	100	105	20	5	100	849.56	749.56	744.56
B-2021	105	110	21	5	100	849.56	744.56	739.56
B-2021	110	115	22	4.9	98	849.56	739.56	734.56
B-2021	115	120	23	5.1	100	849.56	734.56	729.56
B-2021	120	125	24	5	100	849.56	729.56	724.56
B-2021	125	130	25	4.6	92	849.56	724.56	719.56
B-2021	130	135	26	5.2	100	849.56	719.56	714.56
B-2021	135	140	27	5.2	100	849.56	714.56	709.56
B-2021	140	145	28	5	100	849.56	709.56	704.56
B-2021	145	150	29	5	100	849.56	704.56	699.56
B-2022	5	10	1	5	100	851.98	846.98	841.98
B-2022	10	15	2	5	100	851.98	841.98	836.98
B-2022	15	20	3	5	100	851.98	836.98	831.98
B-2022	20	25	4	5	100	851.98	831.98	826.98
B-2022	25	30	5	4.7	94	851.98	826.98	821.98
B-2022	30	35	6	5	100	851.98	821.98	816.98

B-2022	35	40	7	5	100	851.98	816.98	811.98
B-2022	40	45	8	5	100	851.98	811.98	806.98
B-2022	45	50	9	5	100	851.98	806.98	801.98
B-2022	50	55	10	5	100	851.98	801.98	796.98
B-2022	55	60	11	5	100	851.98	796.98	791.98
B-2022	60	65	12	5	100	851.98	791.98	786.98
B-2022	65	70	13	5	100	851.98	786.98	781.98
B-2022	70	75	14	5	100	851.98	781.98	776.98
B-2022	75	80	15	5	100	851.98	776.98	771.98
B-2022	80	85	16	5	100	851.98	771.98	766.98
B-2022	85	90	17	5	100	851.98	766.98	761.98
B-2022	90	95	18	4.7	94.1	851.98	761.98	756.98
B-2022	95	100	19	5	100	851.98	756.98	751.98
B-2022	100	105	20	5	100	851.98	751.98	746.98
B-2022	105	110	21	5	100	851.98	746.98	741.98
B-2022	110	115	22	5	100	851.98	741.98	736.98
B-2022	115	120	23	5	100	851.98	736.98	731.98
B-2022	120	125	24	5	100	851.98	731.98	726.98
B-2022	125	130	25	5	100	851.98	726.98	721.98
B-2022	130	135	26	5	100	851.98	721.98	716.98
B-2022	135	140	27	5	100	851.98	716.98	711.98
B-2022	140	145	28	5	100	851.98	711.98	706.98
B-2022	145	150	29	5	100	851.98	706.98	701.98
B-2023	9.5	10	1	0.2	40	843.55	834.05	833.55
B-2023	10	15	2	5	100	843.55	833.55	828.55
B-2023	15	20	3	5	100	843.55	828.55	823.55
B-2023	20	25	4	4.5	100	843.55	823.55	818.55
B-2023	25	30	5	5	100	843.55	818.55	813.55
B-2023	30	35	6	5.1	100	843.55	813.55	808.55
B-2023	35	40	7	5	100	843.55	808.55	803.55
B-2023	40	45	8	5	100	843.55	803.55	798.55
B-2023	45	50	9	4.2	84	843.55	798.55	793.55
B-2023	50	55	10	5	100	843.55	793.55	788.55
B-2023	55	60	11	5	100	843.55	788.55	783.55
B-2023	60	65	12	5	100	843.55	783.55	778.55
B-2023	65	70	13	5	100	843.55	778.55	773.55
B-2023	70	75	14	5	100	843.55	773.55	768.55
B-2023	75	80	15	5	100	843.55	768.55	763.55
B-2023	80	85	16	5	100	843.55	763.55	758.55
B-2023	85	90	17	5	100	843.55	758.55	753.55
B-2023	90	95	18	5	100	843.55	753.55	748.55
B-2023	95	100	19	5	100	843.55	748.55	743.55
B-2023	100	105	20	5	100	843.55	743.55	738.55
B-2023	105	110	21	5	100	843.55	738.55	733.55
B-2024	9.4	12.3	1	1	96	838.15	828.75	825.85
B-2024	12.3	17.3	2	5	100	838.15	825.85	820.85
B-2024	17.3	22.3	3	5	100	838.15	820.85	815.85
B-2024	22.3	27.3	4	5	100	838.15	815.85	810.85
B-2024	27.3	32.3	5	5	100	838.15	810.85	805.85
B-2024	32.3	37.3	6	5	100	838.15	805.85	800.85
B-2024	37.3	42.3	7	4.8	100	838.15	800.85	795.85
B-2024	42.3	47.3	8	5	100	838.15	795.85	790.85
B-2024	47.3	52.3	9	5	100	838.15	790.85	785.85
B-2024	52.3	57.3	10	5	100	838.15	785.85	780.85
B-2024	57.3	62.3	11	5	100	838.15	780.85	775.85
B-2024	62.3	67.3	12	5	100	838.15	775.85	770.85
B-2024	67.3	72.3	13	5	100	838.15	770.85	765.85
B-2024	72.3	77.3	14	5	100	838.15	765.85	760.85
B-2024	77.3	82.3	15	5	100	838.15	760.85	755.85
B-2024	82.3	87.3	16	5	100	838.15	755.85	750.85
B-2024	87.3	92.3	17	5	100	838.15	750.85	745.85
B-2024	92.3	97.3	18	5	100	838.15	745.85	740.85
B-2024	97.3	102.3	19	5	100	838.15	740.85	735.85
B-2024	102.3	107.3	20	5	100	838.15	735.85	730.85
B-2024	107.3	112.3	21	5	100	838.15	730.85	725.85
B-2024	112.3	117.3	22	5	100	838.15	725.85	720.85
B-2024	117.3	122.3	23	5	100	838.15	720.85	715.85

B-2024	122.3	127.3	24	5	100	838.15	715.85	710.85
B-2024	127.3	132.3	25	4.8	100	838.15	710.85	705.85
B-2024	132.3	137.3	26	5	100	838.15	705.85	700.85
B-2024	137.3	142.3	27	5	100	838.15	700.85	695.85
B-2024	142.3	147.3	28	4.8	100	838.15	695.85	690.85
B-2024	147.3	150	29	3	100	838.15	690.85	688.15
B-2025	8.5	12	1	3.3	100	840.13	831.63	828.13
B-2025	12	17	2	3.8	90	840.13	828.13	823.13
B-2025	17	22	3	5.2	100	840.13	823.13	818.13
B-2025	22	27	4	5.2	100	840.13	818.13	813.13
B-2025	27	32	5	5	100	840.13	813.13	808.13
B-2025	32	37	6	5	100	840.13	808.13	803.13
B-2025	37	42	7	4.7	100	840.13	803.13	798.13
B-2025	42	47	8	4.8	100	840.13	798.13	793.13
B-2025	47	52	9	5.2	100	840.13	793.13	788.13
B-2025	52	57	10	4.6	100	840.13	788.13	783.13
B-2025	57	62	11	5.4	100	840.13	783.13	778.13
B-2025	62	67	12	5	100	840.13	778.13	773.13
B-2025	67	72	13	5	100	840.13	773.13	768.13
B-2025	72	77	14	4.8	100	840.13	768.13	763.13
B-2025	77	82	15	5.2	100	840.13	763.13	758.13
B-2025	82	87	16	5	100	840.13	758.13	753.13
B-2025	87	92	17	5.1	100	840.13	753.13	748.13
B-2025	92	97	18	5	100	840.13	748.13	743.13
B-2025	97	102	19	5	100	840.13	743.13	738.13
B-2025	102	107	20	5	100	840.13	738.13	733.13
B-2025	107	110	21	3	100	840.13	733.13	730.13
B-2026	10	15	1	4.8	84	833.49	823.49	818.49
B-2026	15	20	2	5	100	833.49	818.49	813.49
B-2026	20	25	3	5	96	833.49	813.49	808.49
B-2026	25	30	4	5.2	100	833.49	808.49	803.49
B-2026	30	35	5	5	96	833.49	803.49	798.49
B-2026	35	40	6	5	100	833.49	798.49	793.49
B-2026	40	45	7	5	100	833.49	793.49	788.49
B-2026	45	50	8	5	99.1	833.49	788.49	783.49
B-2026	50	55	9	5	100	833.49	783.49	778.49
B-2026	55	60	10	5	100	833.49	778.49	773.49
B-2026	60	65	11	5	100	833.49	773.49	768.49
B-2026	65	70	12	5	100	833.49	768.49	763.49
B-2026	70	75	13	5	100	833.49	763.49	758.49
B-2026	75	80	14	5	100	833.49	758.49	753.49
B-2026	80	85	15	5	100	833.49	753.49	748.49
B-2026	85	90	16	5	100	833.49	748.49	743.49
B-2026	90	95	17	5	100	833.49	743.49	738.49
B-2026	95	100	18	5	100	833.49	738.49	733.49
B-2026	100	105	19	5	100	833.49	733.49	728.49
B-2026	105	110	20	5	100	833.49	728.49	723.49
B-2026	110	115	21	5.1	100	833.49	723.49	718.49
B-2026	115	120	22	5.2	100	833.49	718.49	713.49
B-2026	120	125	23	5	100	833.49	713.49	708.49
B-2026	125	130	24	5	100	833.49	708.49	703.49
B-2026	130	135	25	5	100	833.49	703.49	698.49
B-2026	135	140	26	4.7	94	833.49	698.49	693.49
B-2026	140	145	27	5	100	833.49	693.49	688.49
B-2026	145	149	28	4	80	833.49	688.49	684.49
B-2027	14	16	1	2.1	40	827.00	813.00	811.00
B-2027	16	21	2	4.2	100	827.00	811.00	806.00
B-2027	21	25	3	3.75	100	827.00	806.00	802.00
B-2027	25	26	4	0.95	100	827.00	802.00	801.00
B-2027	26	31	5	5	100	827.00	801.00	796.00
B-2027	31	36	6	4.7	100	827.00	796.00	791.00
B-2027	36	41	7	5	100	827.00	791.00	786.00
B-2027	41	46	8	5.1	100	827.00	786.00	781.00
B-2027	46	51	9	4.9	100	827.00	781.00	776.00
B-2027	51	56	10	4.9	100	827.00	776.00	771.00
B-2027	56	61	11	4.7	100	827.00	771.00	766.00
B-2027	61	66	12	5.1	100	827.00	766.00	761.00

B-2027	66	71	13	4.9	100	827.00	761.00	756.00
B-2027	71	75	14	4.1	100	827.00	756.00	752.00
B-2028	42.5	45.5	1	3.4	100	823.74	781.24	778.24
B-2028	45.5	52.5	2	5	100	823.74	778.24	771.24
B-2028	52.5	57.5	3	5	100	823.74	771.24	766.24
B-2028	57.5	62.5	4	5	100	823.74	766.24	761.24
B-2028	62.5	67.5	5	5	100	823.74	761.24	756.24
B-2028	67.5	72.5	6	5	100	823.74	756.24	751.24
B-2028	72.5	75.5	7	3	100	823.74	751.24	748.24
B-2029	15.5	20.5	1	4.8	75	843.58	828.08	823.08
B-2029	20.5	24	2	3.4	100	843.58	823.08	819.58
B-2029	24	29	3	5.4	100	843.58	819.58	814.58
B-2029	29	33.5	4	4.5	82	843.58	814.58	810.08
B-2029	33.5	38.5	5	4.3	86	843.58	810.08	805.08
B-2029	38.5	41.5	6	2.3	76	843.58	805.08	802.08
B-2029	41.5	46.5	7	4.5	90	843.58	802.08	797.08
B-2029	46.5	51.5	8	5	100	843.58	797.08	792.08
B-2029	51.5	56.5	9	4.6	82	843.58	792.08	787.08
B-2029	56.5	61.5	10	4.9	98	843.58	787.08	782.08
B-2029	61.5	64	11	2.5	100	843.58	782.08	779.58
B-2029	64	69	12	4.6	92	843.58	779.58	774.58
B-2029	69	71.5	13	2.7	100	843.58	774.58	772.08
B-2029	71.5	76.5	14	5.1	100	843.58	772.08	767.08
B-2029	76.5	81.5	15	4.9	98	843.58	767.08	762.08
B-2029	81.5	84	16	2.75	100	843.58	762.08	759.58
B-2029	84	89	17	4.8	96	843.58	759.58	754.58
B-2029	89	91	18	2.2	100	843.58	754.58	752.58
B-2029	91	96	19	5.1	100	843.58	752.58	747.58
B-2029	96	101	20	4.8	96	843.58	747.58	742.58
B-2029	101	106	21	5.1	90	843.58	742.58	737.58
B-2029	106	111	22	5	100	843.58	737.58	732.58
B-2029	111	116	23	5.1	100	843.58	732.58	727.58
B-2029	116	121	24	4.9	100	843.58	727.58	722.58
B-2029	121	126	25	4.7	98	843.58	722.58	717.58
B-2029	126	131	26	5.1	94	843.58	717.58	712.58
B-2029	131	136	27	5	100	843.58	712.58	707.58
B-2029	136	141	29	5	100	843.58	707.58	702.58
B-2029	141	146	30	5	100	843.58	702.58	697.58
B-2029	146	151	31		100	843.58	697.58	692.58
B-2030	17.6	21.4	1	2.8	73	852.55	834.95	831.15
B-2030	21.4	25.4	2	4.7	94	852.55	831.15	827.15
B-2030	26.4	30.4	3	3.8	96	852.55	826.15	822.15
B-2030	30.4	31.4	4	1.1	100	852.55	822.15	821.15
B-2030	31.4	36.4	5	5.1	100	852.55	821.15	816.15
B-2030	36.4	41.4	6	4.9	98	852.55	816.15	811.15
B-2030	41.4	46.4	7	4.8	96	852.55	811.15	806.15
B-2030	46.4	51.4	8	5	100	852.55	806.15	801.15
B-2030	51.4	56.4	9	4.7	94	852.55	801.15	796.15
B-2030	56.4	61.4	10	4.6	92	852.55	796.15	791.15
B-2030	61.4	66.4	11	5	100	852.55	791.15	786.15
B-2030	66.4	71.4	12	5	100	852.55	786.15	781.15
B-2030	71.4	76.4	13	5	100	852.55	781.15	776.15
B-2030	76.4	81.4	14	4.9	98	852.55	776.15	771.15
B-2030	81.4	86.4	15	5.1	100	852.55	771.15	766.15
B-2030	86.4	91.4	16	4.9	98	852.55	766.15	761.15
B-2030	91.4	96.4	17	5.1	100	852.55	761.15	756.15
B-2030	96.4	101.4	18	4.9	98	852.55	756.15	751.15
B-2030	101.4	106.4	19	5.1	100	852.55	751.15	746.15
B-2030	106.4	111.4	20	5	100	852.55	746.15	741.15
B-2030	111.4	116.4	21	5.1	100	852.55	741.15	736.15
B-2030	116.4	121.4	22	4.9	98	852.55	736.15	731.15
B-2030	121.4	126.4	23	5.1	100	852.55	731.15	726.15
B-2030	126.4	131.4	24	4.9	98	852.55	726.15	721.15
B-2030	131.4	136.4	25	5	100	852.55	721.15	716.15
B-2030	136.4	141.4	26	4.9	98	852.55	716.15	711.15
B-2030	141.4	146.4	27	5.1	100	852.55	711.15	706.15
B-2030	146.4	151.4	28	4.9	98	852.55	706.15	701.15

B-2031	10.7	15	1	4.2	98	853.14	842.44	838.14
B-2031	15	20	2	5	100	853.14	838.14	833.14
B-2031	20	25	3	5	100	853.14	833.14	828.14
B-2031	25	30	4	4.9	98	853.14	828.14	823.14
B-2031	30	35	5	5.1	100	853.14	823.14	818.14
B-2031	35	40	6	5	100	853.14	818.14	813.14
B-2031	40	45	7	5	100	853.14	813.14	808.14
B-2031	45	50	8	5	100	853.14	808.14	803.14
B-2031	50	55	9	5	100	853.14	803.14	798.14
B-2031	55	60	10	5	100	853.14	798.14	793.14
B-2031	60	65	11	5	100	853.14	793.14	788.14
B-2031	65	70	12	4.9	98	853.14	788.14	783.14
B-2031	70	75	13	5.1	100	853.14	783.14	778.14
B-2031	75	80	14	5	100	853.14	778.14	773.14
B-2031	80	85	15	5	100	853.14	773.14	768.14
B-2031	85	90	16	5	100	853.14	768.14	763.14
B-2031	90	95	17	5	100	853.14	763.14	758.14
B-2031	95	100	18	5	100	853.14	758.14	753.14
B-2032	15	19	7	3.9	95	852.99	837.99	833.99
B-2032	19	24	8	4.6	74	852.99	833.99	828.99
B-2032	24	29	9	4.7	92	852.99	828.99	823.99
B-2032	29	34	10	5.2	82	852.99	823.99	818.99
B-2032	34	39	11	4.6	78	852.99	818.99	813.99
B-2032	39	45	12	4.7	94	852.99	813.99	807.99
B-2032	45	49	13	4.5	90	852.99	807.99	803.99
B-2032	49	54	14	4.8	100	852.99	803.99	798.99
B-2032	54	59	15	4.4	88	852.99	798.99	793.99
B-2032	59	64	16	5.2	100	852.99	793.99	788.99
B-2032	64	69	17	3.5	70	852.99	788.99	783.99
B-2032	69	74	18	6.7	100	852.99	783.99	778.99
B-2032	74	79	19	5	100	852.99	778.99	773.99
B-2032	79	84	20	5.2	100	852.99	773.99	768.99
B-2032	84	89	21	4.3	86	852.99	768.99	763.99
B-2032	89	94	22	4.4	88	852.99	763.99	758.99
B-2032	94	100	23	5.5	92	852.99	758.99	752.99
B-2033	15.6	16	1	0.5	100	850.69	835.09	834.69
B-2033	16	21	2	5	100	850.69	834.69	829.69
B-2033	21	26	3	5	100	850.69	829.69	824.69
B-2033	26	31	4	4.5	90	850.69	824.69	819.69
B-2033	31	36	5	5	100	850.69	819.69	814.69
B-2033	36	41	6	5.2	100	850.69	814.69	809.69
B-2033	41	46	7	4.8	100	850.69	809.69	804.69
B-2033	46	51	8	5.1	100	850.69	804.69	799.69
B-2033	51	56	9	2.7	92	850.69	799.69	794.69
B-2033	56	58.5	10	4.5	100	850.69	794.69	792.19
B-2033	58.5	61	11	2.5	100	850.69	792.19	789.69
B-2033	61	66	12	4.8	100	850.69	789.69	784.69
B-2033	66	71	13	5.2	100	850.69	784.69	779.69
B-2033	71	76	14	5	100	850.69	779.69	774.69
B-2034	14	15.9	1	1.9	100	839.12	825.12	823.22
B-2034	15.9	20.9	2	4.9	98	839.12	823.22	818.22
B-2034	20.9	25.9	3	5.1	100	839.12	818.22	813.22
B-2034	25.9	30.9	4	4.8	96	839.12	813.22	808.22
B-2034	30.9	35.9	5	5	100	839.12	808.22	803.22
B-2034	35.9	40.9	6	5	100	839.12	803.22	798.22
B-2034	40.9	45.9	7	4.9	98	839.12	798.22	793.22
B-2034	45.9	50.9	8	4.8	96	839.12	793.22	788.22
B-2034	50.9	54.9	9	4.3	100	839.12	788.22	784.22
B-2034	54.9	55.9	10	0.9	100	839.12	784.22	783.22
B-2034	55.9	60.9	11	5	100	839.12	783.22	778.22
B-2034	60.9	65.9	12	4.9	98	839.12	778.22	773.22
B-2034	65.9	70.9	13	5	100	839.12	773.22	768.22
B-2034	70.9	75.9	14	5.1	100	839.12	768.22	763.22
B-2034	75.9	80.9	15	5	100	839.12	763.22	758.22
B-2034	80.9	85.9	16	5	100	839.12	758.22	753.22
B-2034	85.9	90.9	17	5	100	839.12	753.22	748.22
B-2034	90.9	95.9	18	4.9	98	839.12	748.22	743.22

B-2034	95.9	100.9	19	5.1	100	839.12	743.22	738.22
B-2034	100.9	105.9	20	4.9	98	839.12	738.22	733.22
B-2034	105.9	110.9	21	5.1	100	839.12	733.22	728.22
B-2034	110.9	115.9	22	4.9	98	839.12	728.22	723.22
B-2034	115.9	120.9	23	5.1	100	839.12	723.22	718.22
B-2034	120.9	125.9	24	4.9	98	839.12	718.22	713.22
B-2034	125.9	130.9	25	5.1	94	839.12	713.22	708.22
B-2034	130.9	135.9	26	5.1	100	839.12	708.22	703.22
B-2034	135.9	140.9	27	4.9	98	839.12	703.22	698.22
B-2034	140.9	145.9	28	5	100	839.12	698.22	693.22
B-2034	145.9	150.9	29	4.9	98	839.12	693.22	688.22
B-2035	16.2	17.2	6	1	100	829.82	813.62	812.62
B-2035	17.2	22.2	7	5	100	829.82	812.62	807.62
B-2035	22.2	27.2	8	4.8	96	829.82	807.62	802.62
B-2035	27.2	32.2	9	4.7	94	829.82	802.62	797.62
B-2035	32.2	37	10	4.8	100	829.82	797.62	792.82
B-2035	37	42	11	5	100	829.82	792.82	787.82
B-2035	42	47	12	5.2	100	829.82	787.82	782.82
B-2035	47	52	13	5	100	829.82	782.82	777.82
B-2035	52	57	14	5	100	829.82	777.82	772.82
B-2035	57	62	15	5	100	829.82	772.82	767.82
B-2035	62	67	16	5.1	100	829.82	767.82	762.82
B-2035	67	72	17	5	100	829.82	762.82	757.82
B-2035	72	77	18	5	100	829.82	757.82	752.82
B-2035	77	82	19	5	100	829.82	752.82	747.82
B-2035	82	87	20	5	100	829.82	747.82	742.82
B-2035	87	92	21	5	100	829.82	742.82	737.82
B-2035	92	97	22	5	100	829.82	737.82	732.82
B-2035	97	100.2	23	3.2	100	829.82	732.82	729.62
B-2036	7	10	1	1		832.35	825.35	822.35
B-2036	10	15	2	4.5		832.35	822.35	817.35
B-2036	15	20	3	5.1		832.35	817.35	812.35
B-2036	20	25	4	5	100	832.35	812.35	807.35
B-2036	25	30	5	5	100	832.35	807.35	802.35
B-2036	30	35	6	5.2	100	832.35	802.35	797.35
B-2036	35	40	7	3	81	832.35	797.35	792.35
B-2036	40	43	8	3.9	100	832.35	792.35	789.35
B-2036	43	45	9	2.1	100	832.35	789.35	787.35
B-2036	45	50	10	5.1	86	832.35	787.35	782.35
B-2036	50	55	11	5.1	100	832.35	782.35	777.35
B-2036	55	60	12	5	100	832.35	777.35	772.35
B-2036	60	65	13	4.9	100	832.35	772.35	767.35
B-2036	65	70	14	5.1	100	832.35	767.35	762.35
B-2036	70	75	15	5	100	832.35	762.35	757.35
B-2037	9.5	14.4	1	4.65	84	836.49	826.99	822.09
B-2037	14.4	17	2	2.6	100	836.49	822.09	819.49
B-2037	17	22	3	4.6	92	836.49	819.49	814.49
B-2037	22	28	4	4.8	96	836.49	814.49	808.49
B-2037	28	32	5	4.8	96	836.49	808.49	804.49
B-2037	32	37	6	5.1	100	836.49	804.49	799.49
B-2037	37	42	7	5.1	100	836.49	799.49	794.49
B-2037	42	47	8	5.1	100	836.49	794.49	789.49
B-2037	47	52	9	5.1	100	836.49	789.49	784.49
B-2037	52	57	10	5	100	836.49	784.49	779.49
B-2037	57	62	11	4.7	94	836.49	779.49	774.49
B-2037	62	67	12	5.1	100	836.49	774.49	769.49
B-2037	67	72	13	5.2	100	836.49	769.49	764.49
B-2037	72	77	14	5	100	836.49	764.49	759.49
B-2037	77	82	15	5.1	100	836.49	759.49	754.49
B-2037	82	87	16	5	100	836.49	754.49	749.49
B-2037	87	92	17	5.2	100	836.49	749.49	744.49
B-2037	92	97	18	4.7	94	836.49	744.49	739.49
B-2037	97	102	19	4.9	98	836.49	739.49	734.49
B-2037	102	107	20	5.2	100	836.49	734.49	729.49
B-2037	107	112	21	5.1	100	836.49	729.49	724.49
B-2037	112	117	22	5.1	100	836.49	724.49	719.49
B-2037	117	122	23	5.1	100	836.49	719.49	714.49

B-2037	122	127	24	5	100	836.49	714.49	709.49
B-2037	127	132	25	5.1	100	836.49	709.49	704.49
B-2037	132	137	26	5.1	100	836.49	704.49	699.49
B-2037	137	142	27	5	100	836.49	699.49	694.49
B-2037	142	147	28	4.9	98	836.49	694.49	689.49
B-2037	147	150.6	29	3.6	100	836.49	689.49	685.89
B-2038	10.2	11	1	0.8	0	836.95	826.75	825.95
B-2038	11	16	2	5	92	836.95	825.95	820.95
B-2038	16	21	3	4.8	90	836.95	820.95	815.95
B-2038	21	26	4	5	100	836.95	815.95	810.95
B-2038	26	31	5	5.1	100	836.95	810.95	805.95
B-2038	31	36	6	5	100	836.95	805.95	800.95
B-2038	36	41	7	4.8	100	836.95	800.95	795.95
B-2038	41	46	8	4	80	836.95	795.95	790.95
B-2038	46	51	9	5.1	100	836.95	790.95	785.95
B-2038	51	56	10	5.1	100	836.95	785.95	780.95
B-2038	56	61	11	4.9	98	836.95	780.95	775.95
B-2038	61	66	12	5.1	100	836.95	775.95	770.95
B-2038	66	71	13	5	100	836.95	770.95	765.95
B-2038	71	76	14	4.9	98	836.95	765.95	760.95
B-2038	76	81	15	5.1	100	836.95	760.95	755.95
B-2038	81	86	16	4.9	98	836.95	755.95	750.95
B-2038	86	91	17	5	100	836.95	750.95	745.95
B-2038	91	96	18	5.1	100	836.95	745.95	740.95
B-2038	96	101	19	5	100	836.95	740.95	735.95
B-2038	101	106	20	5	100	836.95	735.95	730.95
B-2038	106	111	21	4.9	98	836.95	730.95	725.95
B-2038	111	116	22	5.1	100	836.95	725.95	720.95
B-2038	116	121	23	4.5	90	836.95	720.95	715.95
B-2038	121	126	24	4.9	98	836.95	715.95	710.95
B-2038	126	131	25	5	100	836.95	710.95	705.95
B-2038	131	136	26	5	100	836.95	705.95	700.95
B-2038	136	141	27	5	100	836.95	700.95	695.95
B-2038	141	146	28	5	100	836.95	695.95	690.95
B-2038	146	151	29	5	100	836.95	690.95	685.95
B-2039	7.5	11	1	3.4	98	833.49	825.99	822.49
B-2039	11	16	2	3.9	78	833.49	822.49	817.49
B-2039	16	21	3	4.7	96	833.49	817.49	812.49
B-2039	21	26	4	5.1	100	833.49	812.49	807.49
B-2039	26	31	5	5.1	100	833.49	807.49	802.49
B-2039	31	36	6	5	100	833.49	802.49	797.49
B-2039	36	41	7	4.4	88	833.49	797.49	792.49
B-2039	41	46	8	5.2	100	833.49	792.49	787.49
B-2039	46	51	9	4.2	82	833.49	787.49	782.49
B-2039	51	56	10	5	100	833.49	782.49	777.49
B-2039	56	61	11	5.1	100	833.49	777.49	772.49
B-2039	61	66	12	5	100	833.49	772.49	767.49
B-2039	66	71	13	5	100	833.49	767.49	762.49
B-2039	71	76	14	5	100	833.49	762.49	757.49
B-2040	9.8	10.5	1	4	100	835.14	825.34	824.64
B-2040	10.5	15.5	2	5	100	835.14	824.64	819.64
B-2040	15.5	20.5	3	5	100	835.14	819.64	814.64
B-2040	20.5	25.5	4	5	100	835.14	814.64	809.64
B-2040	25.5	30.5	5	5	100	835.14	809.64	804.64
B-2040	30.5	35.5	6	5	100	835.14	804.64	799.64
B-2040	35.5	40.5	7	5	100	835.14	799.64	794.64
B-2040	40.5	45.5	8	5	100	835.14	794.64	789.64
B-2040	45.5	50.5	9	5	100	835.14	789.64	784.64
B-2040	50.5	55.5	10	5	100	835.14	784.64	779.64
B-2040	55.5	60.5	11	5	100	835.14	779.64	774.64
B-2040	60.5	65.5	12	5	100	835.14	774.64	769.64
B-2040	65.5	70.5	13	4.9	98	835.14	769.64	764.64
B-2040	70.5	75.5	14	5.1	100	835.14	764.64	759.64
B-2040	75.5	80.5	15	5	100	835.14	759.64	754.64
B-2040	80.5	85.5	16	5	100	835.14	754.64	749.64
B-2040	85.5	90.5	17	5	100	835.14	749.64	744.64
B-2040	90.5	95.5	18	5	100	835.14	744.64	739.64

B-2040	95.5	100.5	19	5	100	835.14	739.64	734.64
B-2041	8	11.4	1	3.4	85	831.76	823.76	820.36
B-2041	11.4	16.4	2	5.1	100	831.76	820.36	815.36
B-2041	16.4	21.4	3	5.2	100	831.76	815.36	810.36
B-2041	21.4	26.4	4	5	100	831.76	810.36	805.36
B-2041	26.4	31.4	5	5	100	831.76	805.36	800.36
B-2041	31.4	36.4	6	5	100	831.76	800.36	795.36
B-2041	36.4	41.4	7	4.92	99	831.76	795.36	790.36
B-2041	41.4	46.4	8	4.9	98	831.76	790.36	785.36
B-2041	46.4	51.4	9	4.95	99	831.76	785.36	780.36
B-2041	51.4	56.4	10	4.9	98	831.76	780.36	775.36
B-2041	56.4	61.4	11	5.15	100	831.76	775.36	770.36
B-2041	61.4	66.4	12	5	100	831.76	770.36	765.36
B-2041	66.4	71.4	13	5.1	100	831.76	765.36	760.36
B-2041	71.4	76.4	14	5	100	831.76	760.36	755.36
B-2041	76.4	81.4	15	5.05	100	831.76	755.36	750.36
B-2041	81.4	86.4	16	4.95	99	831.76	750.36	745.36
B-2041	86.4	91.4	17	5.1	100	831.76	745.36	740.36
B-2041	91.4	96.4	18	4.95	99	831.76	740.36	735.36
B-2041	96.4	101.4	19	5	100	831.76	735.36	730.36
B-2041	101.4	106.4	20	5	100	831.76	730.36	725.36
B-2041	106.4	111.4	21	5	100	831.76	725.36	720.36
B-2041	111.4	116.4	22	5	100	831.76	720.36	715.36
B-2041	116.4	121.4	23	4.95	99	831.76	715.36	710.36
B-2041	121.4	126.4	24	5	100	831.76	710.36	705.36
B-2041	126.4	131.4	25	5.1	100	831.76	705.36	700.36
B-2041	131.4	136.4	26	5.1	100	831.76	700.36	695.36
B-2041	136.4	141.4	27	4.95	99	831.76	695.36	690.36
B-2041	141.4	146.4	28	4.9	98	831.76	690.36	685.36
B-2041	146.4	151.4	29	5.1	98	831.76	685.36	680.36
B-2041-A	9	10	1	1.1	100	831.76	822.76	821.76
B-2041-A	10	15	2	4.95	99	831.76	821.76	816.76
B-2041-A	15	20	3	5	100	831.76	816.76	811.76
B-2041-A	20	25	4	5	100	831.76	811.76	806.76
B-2041-A	25	30	5	4.9	98	831.76	806.76	801.76
B-2041-A	30	35	6	5	100	831.76	801.76	796.76
B-2041-A	35	40	7	5.1	100	831.76	796.76	791.76
B-2041-A	40	45	8	5.1	100	831.76	791.76	786.76
B-2041-A	45	50	9	4.9	100	831.76	786.76	781.76
B-2041-A	50	55	10	5.1	100	831.76	781.76	776.76
B-2041-A	55	60	11	4.9	100	831.76	776.76	771.76
B-2041-A	60	65	12	5.1	100	831.76	771.76	766.76
B-2041-A	65	70	13	4.8	98	831.76	766.76	761.76
B-2041-A	70	75	14	5.1	100	831.76	761.76	756.76
B-2041-A	75	80	15	5	100	831.76	756.76	751.76
B-2041-A	80	85	16	5	100	831.76	751.76	746.76
B-2041-A	85	90	17	5	100	831.76	746.76	741.76
B-2041-A	90	95	18	5	100	831.76	741.76	736.76
B-2041-A	95	100	19	5	100	831.76	736.76	731.76
B-2041-A	100	105	20	5	100	831.76	731.76	726.76
B-2041-A	105	110	21	4.95	100	831.76	726.76	721.76
B-2041-A	110	115	22	5.05	100	831.76	721.76	716.76
B-2041-A	115	120	23	4.9	100	831.76	716.76	711.76
B-2041-A	120	125	24	5.2	100	831.76	711.76	706.76
B-2041-A	125	130	25	4.9	100	831.76	706.76	701.76
B-2041-A	130	135	26	5.2	100	831.76	701.76	696.76
B-2041-A	135	140	27	4.9	100	831.76	696.76	691.76
B-2041-A	140	145	28	5.1	100	831.76	691.76	686.76
B-2041-A	145	150	29	5	100	831.76	686.76	681.76
B-2042	13.7	15	1	1.3	100	830.75	817.05	815.75
B-2042	15	20	2	5	100	830.75	815.75	810.75
B-2042	20	25	3	4.8	96	830.75	810.75	805.75
B-2042	25	30	4	5.2	100	830.75	805.75	800.75
B-2042	30	35	5	5.1	100	830.75	800.75	795.75
B-2042	35	40	6	4.8	96	830.75	795.75	790.75
B-2042	40	45	7	5.1	100	830.75	790.75	785.75
B-2042	45	50	8	5.2	100	830.75	785.75	780.75

B-2042	50	55	9	4.9	98	830.75	780.75	775.75
B-2042	55	60	10	5.1	100	830.75	775.75	770.75
B-2042	60	65	11	5.1	100	830.75	770.75	765.75
B-2042	65	70	12	5	100	830.75	765.75	760.75
B-2042	70	75	13	5.1	100	830.75	760.75	755.75
B-2042	75	80	14	5	100	830.75	755.75	750.75
B-2042	80	85	15	4.9	98	830.75	750.75	745.75
B-2042	85	90	16	5	100	830.75	745.75	740.75
B-2042-A	14	15	7	1	100	830.75	816.75	815.75
B-2042-A	15	20	8	5.2	100	830.75	815.75	810.75
B-2042-A	20	25	9	5	100	830.75	810.75	805.75
B-2042-A	25	30	10	5	100	830.75	805.75	800.75
B-2042-A	30	35	11	5	100	830.75	800.75	795.75
B-2042-A	35	40	12	5	100	830.75	795.75	790.75
B-2042-A	40	45	13	5	100	830.75	790.75	785.75
B-2042-A	45	50	14	5	100	830.75	785.75	780.75
B-2042-A	50	55	15	5.2	100	830.75	780.75	775.75
B-2042-A	55	60	16	5	100	830.75	775.75	770.75
B-2042-A	60	65	17	5.2	100	830.75	770.75	765.75
B-2042-A	65	70	18	5.1	100	830.75	765.75	760.75
B-2042-A	70	75	19	4.9	98	830.75	760.75	755.75
B-2042-A	75	80	20	4.9	98	830.75	755.75	750.75
B-2042-A	80	85	21	5	100	830.75	750.75	745.75
B-2042-A	85	90	22	5	100	830.75	745.75	740.75
B-2042-A	90	95	23	5.1	100	830.75	740.75	735.75
B-2042-A	95	100	24	5	100	830.75	735.75	730.75
B-2042-A	100	105	25	5.1	100	830.75	730.75	725.75
B-2042-A	105	110	26	5	100	830.75	725.75	720.75
B-2042-A	110	115	27	4.9	98	830.75	720.75	715.75
B-2042-A	115	120	28	4.9	98	830.75	715.75	710.75
B-2042-A	120	125	29	5.1	100	830.75	710.75	705.75
B-2042-A	125	130	30	5.2	100	830.75	705.75	700.75
B-2042-A	130	135	31	5.1	100	830.75	700.75	695.75
B-2042-A	135	140	32	4.8	96	830.75	695.75	690.75
B-2042-A	140	145	33	5.1	100	830.75	690.75	685.75
B-2042-A	145	150	34	5	100	830.75	685.75	680.75
B-2043	7	10	1	2	100	851.71	844.71	841.71
B-2043	10	15	2	5.1	100	851.71	841.71	836.71
B-2043	15	20	3		100	851.71	836.71	831.71
B-2043	20	25	4	5.1	60	851.71	831.71	826.71
B-2043	25	30	5		100	851.71	826.71	821.71
B-2043	30	35	6	5.2	100	851.71	821.71	816.71
B-2043	35	40	7		100	851.71	816.71	811.71
B-2043	40	45	8	5.1	100	851.71	811.71	806.71
B-2043	45	50	9		100	851.71	806.71	801.71
B-2043	50	55	10		100	851.71	801.71	796.71
B-2044	16.8	21	1	4.2	100	843.46	826.66	822.46
B-2044	21	26	2	5	100	843.46	822.46	817.46
B-2044	26	31.2	3			843.46	817.46	812.26
B-2044	31.2	36.2	4	5	100	843.46	812.26	807.26
B-2044	36.2	41.2	5	5	100	843.46	807.26	802.26
B-2044	41.2	46.2	6	4.9	98	843.46	802.26	797.26
B-2044	46.2	51.2	7	5	100	843.46	797.26	792.26
B-2044	51.2	56.2	8	5	100	843.46	792.26	787.26
B-2044	56.2	61.2	9	5	100	843.46	787.26	782.26
B-2044	61.2	66.2	10	5.1	100	843.46	782.26	777.26
B-2044	66.2	71.4	11	5.1	100	843.46	777.26	772.06
B-2044	71.4	75.2	12	3.8	100	843.46	772.06	768.26
B-2045	3.7	5	3	1.3	100	832.33	828.63	827.33
B-2045	5	10	4	4.9	98	832.33	827.33	822.33
B-2045	10	15	5	4.9	98	832.33	822.33	817.33
B-2045	15	20	6	5	100	832.33	817.33	812.33
B-2045	20	25	7	5.2	100	832.33	812.33	807.33
B-2045	25	30	8	5	100	832.33	807.33	802.33
B-2045	30	35	9	4.8	96	832.33	802.33	797.33
B-2045	35	40	10	5.2	100	832.33	797.33	792.33
B-2045	40	45	11	4.4	88	832.33	792.33	787.33

B-2045	45	50	12	5.1	100	832.33	787.33	782.33
B-2045	50	55	13	4.9	98	832.33	782.33	777.33
B-2045	55	60	14	5.1	100	832.33	777.33	772.33
B-2045	60	65	15	5	100	832.33	772.33	767.33
B-2045	65	70	16	4.9	98	832.33	767.33	762.33
B-2045	70	75	17	5.1	100	832.33	762.33	757.33
B-2046	11	14.5	1	3.1	100	828.07	817.07	813.57
B-2046	14.5	19.5	2	4.9	98	828.07	813.57	808.57
B-2046	19.5	24.5	3	4.6	92	828.07	808.57	803.57
B-2046	24.5	29.5	4	4.4	88	828.07	803.57	798.57
B-2046	29.5	34.5	5	5.2	100	828.07	798.57	793.57
B-2046	34.5	39.5	6	5.1	100	828.07	793.57	788.57
B-2046	39.5	44.5	7	4.8	96	828.07	788.57	783.57
B-2046	44.5	49.5	8	5	100	828.07	783.57	778.57
B-2046	49.5	54.5	9	5.1	100	828.07	778.57	773.57
B-2046	54.5	59.5	10	5.1	100	828.07	773.57	768.57
B-2046	59.5	64.5	11	5	100	828.07	768.57	763.57
B-2046	64.5	69.5	12	4.9	98	828.07	763.57	758.57
B-2046	69.5	74.5	13	5.1	100	828.07	758.57	753.57
B-2047	5.5	8.3	1	1.3	43	793.70	788.20	785.40
B-2047	8.3	13.3	2	4.7	94	793.70	785.40	780.40
B-2047	13.3	18.3	3	4.8	96	793.70	780.40	775.40
B-2047	18.3	23.3	4	5.1	100	793.70	775.40	770.40
B-2047	23.3	28.3	5	5.2	100	793.70	770.40	765.40
B-2047	28.3	33.3	6	5	100	793.70	765.40	760.40
B-2047	33.3	38.3	7	5.3	100	793.70	760.40	755.40
B-2047	38.3	43.3	8	5.1	100	793.70	755.40	750.40
B-2047	43.3	48.3	9	5.2	100	793.70	750.40	745.40
B-2047	48.3	53.3	10	5.2	100	793.70	745.40	740.40
B-2047	53.3	58.3	11	5.2	100	793.70	740.40	735.40
B-2047	58.3	63.3	12	5.1	100	793.70	735.40	730.40
B-2047	63.3	68.3	13	4.85	97	793.70	730.40	725.40
B-2047	68.3	73.3	14	5.35	100	793.70	725.40	720.40
B-2047	73.3	75	15	1.7	100	793.70	720.40	718.70
B-2048	18.4	21.2	1	2.8	93	844.18	825.78	822.98
B-2048	21.2	26.2	2	5	100	844.18	822.98	817.98
B-2048	26.2	31.2	3	5	100	844.18	817.98	812.98
B-2048	31.2	36.2	4	5	100	844.18	812.98	807.98
B-2048	36.2	41.2	5	5	100	844.18	807.98	802.98
B-2048	41.2	46.2	6	5	100	844.18	802.98	797.98
B-2048	46.2	51.2	7	5	100	844.18	797.98	792.98
B-2048	51.2	56.2	8	5	100	844.18	792.98	787.98
B-2048	56.2	61.2	9	5	100	844.18	787.98	782.98
B-2048	61.2	66.2	10	5	100	844.18	782.98	777.98
B-2048	66.2	71.2	11	5	100	844.18	777.98	772.98
B-2048	71.2	76.2	12	5	100	844.18	772.98	767.98
B-2048	76.2	81.2	13	5	100	844.18	767.98	762.98
B-2048	81.2	86.2	14	5	100	844.18	762.98	757.98
B-2048	86.2	91.2	15	5	100	844.18	757.98	752.98
B-2048	91.2	96.4	16	5.2	100	844.18	752.98	747.78
B-2048	96.4	101.4	17	5	100	844.18	747.78	742.78
B-2048	101.4	106.4	18	4.9	100	844.18	742.78	737.78
B-2048	106.4	111.4	19	5	100	844.18	737.78	732.78
B-2048	111.4	116.4	20	5.2	100	844.18	732.78	727.78
B-2048	116.4	121.4	21	5	100	844.18	727.78	722.78
B-2048	121.4	126.4	22	5	100	844.18	722.78	717.78
B-2048	126.4	131.4	23	5	100	844.18	717.78	712.78
B-2048	131.4	136.6	24	5.1	100	844.18	712.78	707.58
B-2048	136.6	141.6	25	5	100	844.18	707.58	702.58
B-2048	141.6	146.6	26	5	100	844.18	702.58	697.58
B-2048	146.6	151.7	27	5	100	844.18	697.58	692.48
B-2049	11	16	5	4.9	98	839.66	828.66	823.66
B-2049	16	21	6	5	100	839.66	823.66	818.66
B-2049	21	26	7	5	100	839.66	818.66	813.66
B-2049	26	31	8	4.9	98	839.66	813.66	808.66
B-2049	31	36	9	4.9	98	839.66	808.66	803.66
B-2049	36	41	10	5.2	100	839.66	803.66	798.66

B-2049	41	46	11	5	100	839.66	798.66	793.66
B-2049	46	51	12	5	100	839.66	793.66	788.66
B-2049	51	56	13	5	100	839.66	788.66	783.66
B-2049	56	61	14	5	100	839.66	783.66	778.66
B-2049	61	66	15	5	100	839.66	778.66	773.66
B-2049	66	71	16	5	100	839.66	773.66	768.66
B-2049	71	76	17	5	100	839.66	768.66	763.66
B-2049	76	81	18	4.9	98	839.66	763.66	758.66
B-2049	81	86	19	5.1	100	839.66	758.66	753.66
B-2049	86	91	20	5	100	839.66	753.66	748.66
B-2049	91	96	21	4.8	96	839.66	748.66	743.66
B-2049	96	101	22	5.1	100	839.66	743.66	738.66
B-2050	15	15.5	7	0.5	100	827.85	812.85	812.35
B-2050	15.5	20.5	8	5	10	827.85	812.35	807.35
B-2050	20.5	25.5	9	5	100	827.85	807.35	802.35
B-2050	25.5	30.5	10	5	100	827.85	802.35	797.35
B-2050	30.5	35.5	11	5	100	827.85	797.35	792.35
B-2050	35.5	40.5	12	4.9	98	827.85	792.35	787.35
B-2050	40.5	45.5	13	5.1	100	827.85	787.35	782.35
B-2050	45.5	50.5	14	5.1	100	827.85	782.35	777.35
B-2050	50.5	55.5	15	5	100	827.85	777.35	772.35
B-2050	55.5	60.5	16	4.9	98	827.85	772.35	767.35
B-2050	60.5	65.5	17	5	100	827.85	767.35	762.35
B-2050	65.5	70.5	18	5.1	100	827.85	762.35	757.35
B-2050	70.5	75.5	19	5	100	827.85	757.35	752.35
B-2050	75.5	80.5	20	5.1	100	827.85	752.35	747.35
B-2050	80.5	85.5	21	5	100	827.85	747.35	742.35
B-2050	85.5	90.5	22	5.1	100	827.85	742.35	737.35
B-2050	90.5	95.5	23	5	100	827.85	737.35	732.35
B-2050	95.5	100.5	24	5	100	827.85	732.35	727.35
B-2051	5.7	9.4	1	3.5	68	809.97	804.27	800.57
B-2051	9.4	14.4	2	4.8	96	809.97	800.57	795.57
B-2051	14.4	19.4	3	4.1	98	809.97	795.57	790.57
B-2051	19.4	24.4	4	5.04	100	809.97	790.57	785.57
B-2051	24.4	29.4	5	5	100	809.97	785.57	780.57
B-2051	29.4	34.4	6	4.9	98	809.97	780.57	775.57
B-2051	34.4	39.4	7	5.3	100	809.97	775.57	770.57
B-2051	39.4	44.4	8	5	100	809.97	770.57	765.57
B-2051	44.4	49.4	9	5	100	809.97	765.57	760.57
B-2051	49.4	54.4	10	5.2	100	809.97	760.57	755.57
B-2051	54.4	59.4	11	4.9	98	809.97	755.57	750.57
B-2051	59.4	64.4	12	5.1	100	809.97	750.57	745.57
B-2051	64.4	69.4	13	5.2	100	809.97	745.57	740.57
B-2051	69.4	74.4	14	4.9	100	809.97	740.57	735.57
B-2051	74.4	79.4	15	5.1	100	809.97	735.57	730.57
B-2051	79.4	84.4	16	5	100	809.97	730.57	725.57
B-2051	84.4	89.4	17	5	100	809.97	725.57	720.57
B-2051	89.4	94.4	18	4.9	98	809.97	720.57	715.57
B-2051	94.4	99.4	19	5.1	100	809.97	715.57	710.57
B-2051	99.4	100.4	20	1.2	100	809.97	710.57	709.57
B-2052	7.5	10	4	2	80	846.57	839.07	836.57
B-2052	10	15	5	4	80	846.57	836.57	831.57
B-2052	15	20	6	5	100	846.57	831.57	826.57
B-2052	20	25	7	4.4	88	846.57	826.57	821.57
B-2052	25	30	8	5	100	846.57	821.57	816.57
B-2052	30	35	9	4.6	92	846.57	816.57	811.57
B-2052	35	40	10	5.1	100	846.57	811.57	806.57
B-2052	40	45	11	4.9	100	846.57	806.57	801.57
B-2052	45	50	12	5	100	846.57	801.57	796.57
B-2052	50	55	13	5.2	100	846.57	796.57	791.57
B-2052	55	60	14	5	100	846.57	791.57	786.57
B-2052	60	65	14	5.2	100	846.57	786.57	781.57
B-2052	65	70	15	5	100	846.57	781.57	776.57
B-2052	70	75	16	5	100	846.57	776.57	771.57
B-2053	9.5	10	5	0.5	100	839.10	829.60	829.10
B-2053	10	15	6	4.7	94	839.10	829.10	824.10
B-2053	15	20	7	5	100	839.10	824.10	819.10

B-2053	20	25	8	5	100	839.10	819.10	814.10
B-2053	25	30	9	5	100	839.10	814.10	809.10
B-2053	30	35	10	5	100	839.10	809.10	804.10
B-2053	35	40	11	5	100	839.10	804.10	799.10
B-2053	40	45	12	4.5	90	839.10	799.10	794.10
B-2053	45	50	13	5	100	839.10	794.10	789.10
B-2053	50	55	14	5	100	839.10	789.10	784.10
B-2053	55	60	15	5	100	839.10	784.10	779.10
B-2053	60	65	16	5	100	839.10	779.10	774.10
B-2053	65	70	17	5	100	839.10	774.10	769.10
B-2053	70	75	18	5	100	839.10	769.10	764.10
B-2054	5	6	1	1	100	834.54	829.54	828.54
B-2054	6	11	2	5	92	834.54	828.54	823.54
B-2054	11	16	3	3.1	62	834.54	823.54	818.54
B-2054	16	21	4	5	100	834.54	818.54	813.54
B-2054	21	26	5	3.3	66	834.54	813.54	808.54
B-2054	26	31	6	5	100	834.54	808.54	803.54
B-2054	31	36	7	5	100	834.54	803.54	798.54
B-2054	36	41	8	3.7	74	834.54	798.54	793.54
B-2054	41	46	9	5.2	100	834.54	793.54	788.54
B-2054	46	51	10	5	100	834.54	788.54	783.54
B-2054	51	56	11	5	100	834.54	783.54	778.54
B-2054	56	61	12	5	100	834.54	778.54	773.54
B-2054	61	66	13	5	100	834.54	773.54	768.54
B-2054	66	71	14	5	100	834.54	768.54	763.54
B-2054	71	75	15	3.7	93	834.54	763.54	759.54
B-2055	5.3	8.3	1	2.7	90	815.25	809.95	806.95
B-2055	8.3	13.3	2	3.6	72	815.25	806.95	801.95
B-2055	13.3	18.3	3	4.9	98	815.25	801.95	796.95
B-2055	18.3	23.3	4	4.7	94	815.25	796.95	791.95
B-2055	23.3	28.3	5	5.2	100	815.25	791.95	786.95
B-2055	28.3	33.3	6	3.5	70	815.25	786.95	781.95
B-2055	33.3	38.3	7	4.9	98	815.25	781.95	776.95
B-2055	38.3	43.3	8	5.2	100	815.25	776.95	771.95
B-2055	43.3	48.3	9	5	100	815.25	771.95	766.95
B-2055	48.3	53.3	10	4.85	96	815.25	766.95	761.95
B-2055	53.3	58.3	11	5.2	100	815.25	761.95	756.95
B-2055	58.3	63.3	12	4.9	98	815.25	756.95	751.95
B-2055	63.3	68.3	13	5.1	100	815.25	751.95	746.95
B-2055	68.3	73.3	14	5.1	100	815.25	746.95	741.95
B-2055	73.3	75.2	15	1.7	100	815.25	741.95	740.05
B-2056	5	5.6	1	0.5	83	852.34	847.34	846.74
B-2056	5.6	10.6	2	4.7	100	852.34	846.74	841.74
B-2056	10.6	15.6	3	5	90	852.34	841.74	836.74
B-2056	15.6	20.6	4	4.4	96	852.34	836.74	831.74
B-2056	20.6	25.6	5	5.2	100	852.34	831.74	826.74
B-2056	25.6	30.6	6	4.9	100	852.34	826.74	821.74
B-2056	30.6	35.6	7	5.1	100	852.34	821.74	816.74
B-2056	35.6	40.6	8	4.8	96	852.34	816.74	811.74
B-2056	40.6	45.6	9	4.5	90	852.34	811.74	806.74
B-2056	45.6	50.6	10	4.9	98	852.34	806.74	801.74
B-2057	7.5	10	3	2	80	831.71	824.21	821.71
B-2057	10	15	4	4	80	831.71	821.71	816.71
B-2057	15	20	5	4.9	98	831.71	816.71	811.71
B-2057	20	25	6	5	100	831.71	811.71	806.71
B-2057	25	30	7	5.2	100	831.71	806.71	801.71
B-2057	30	35	8	5	100	831.71	801.71	796.71
B-2057	35	40	9	5.1	100	831.71	796.71	791.71
B-2057	40	45	10	5	100	831.71	791.71	786.71
B-2057	45	50	11	5.2	100	831.71	786.71	781.71
B-2058	10	15	5	5	100	853.67	843.67	838.67
B-2058	15	20	6	5.1	100	853.67	838.67	833.67
B-2058	20	25	7	5	100	853.67	833.67	828.67
B-2058	25	30	8	5.2	100	853.67	828.67	823.67
B-2058	30	35	9	5.1	100	853.67	823.67	818.67
B-2058	35	40	10	5	100	853.67	818.67	813.67
B-2058	40	45	11	4.9	98	853.67	813.67	808.67

B-2058	45	50	12	5	100	853.67	808.67	803.67
B-2059	5	10	1	4.7	94	831.73	826.73	821.73
B-2059	10	15	2	4.7	94	831.73	821.73	816.73
B-2059	15	20	3	5	100	831.73	816.73	811.73
B-2059	20	25	4	5	94	831.73	811.73	806.73
B-2059	25	30	5	4.6	100	831.73	806.73	801.73
B-2059	30	35	6	5.1	100	831.73	801.73	796.73
B-2059	35	40	7	5.2	100	831.73	796.73	791.73
B-2059	40	45	8	1	100	831.73	791.73	786.73
B-2059	45	50	9	4.7	94	831.73	786.73	781.73
B-2060	10	15	5	4.5	90	853.72	843.72	838.72
B-2060	15	20	6	5	100	853.72	838.72	833.72
B-2060	20	25	7	5	100	853.72	833.72	828.72
B-2060	25	30	8	4.7	94	853.72	828.72	823.72
B-2060	30	35	9	5	100	853.72	823.72	818.72
B-2060	35	40	10	5	100	853.72	818.72	813.72
B-2060	40	45	11	5	100	853.72	813.72	808.72
B-2060	45	50	12	5	100	853.72	808.72	803.72
B-2061	9	10	5	1	100	851.24	842.24	841.24
B-2061	10	15	6	4.2	84	851.24	841.24	836.24
B-2061	15	20	7	5	100	851.24	836.24	831.24
B-2061	20	25	8	5	100	851.24	831.24	826.24
B-2061	25	30	9	5	100	851.24	826.24	821.24
B-2061	30	35	10	5	100	851.24	821.24	816.24
B-2061	35	40	11	5	100	851.24	816.24	811.24
B-2061	40	45	12	5	100	851.24	811.24	806.24
B-2061	45	50	13	5	100	851.24	806.24	801.24
B-2062	7	11	1	4	67	831.34	824.34	820.34
B-2062	11	16	2	5.2	100	831.34	820.34	815.34
B-2062	16	21	3	4.8	100	831.34	815.34	810.34
B-2062	21	26	4	5	100	831.34	810.34	805.34
B-2062	26	31	5	5	100	831.34	805.34	800.34
B-2062	31	36	6	4.9	100	831.34	800.34	795.34
B-2062	36	41	7	5.1	100	831.34	795.34	790.34
B-2062	41	46	8	4.7	100	831.34	790.34	785.34
B-2062	46	51	9	5	10	831.34	785.34	780.34
B-2063	16	20.5	6	4.6	100	828.15	812.15	807.65
B-2063	20.5	25.5	7	4.9	100	828.15	807.65	802.65
B-2063	25.5	30.5	8	5.1	100	828.15	802.65	797.65
B-2063	30.5	35.5	9	4.9	98	828.15	797.65	792.65
B-2063	35.5	40.5	10	4.5	90	828.15	792.65	787.65
B-2063	40.5	45.5	11	5.1	100	828.15	787.65	782.65
B-2063	45.5	50.1	12	4.6	100	828.15	782.65	778.05

Layer A

PointID	Depth	Bottom	Run Number	Recovery	RQD	Elevation	Beginning E	Ending Elev
B-1000	8.7	13.7	4	5	100	851.008	842.308	837.308
B-1000	13.7	15	5	1.6	100	851.008	837.308	836.008
B-1000	15	20	6	5.1	100	851.008	836.008	831.008
B-1000	20	25	7	5	100	851.008	831.008	826.008
B-1000	25	30	8	5.1	100	851.008	826.008	821.008
B-1000	30	35	9	5.1	100	851.008	821.008	816.008
B-1000	35	40	10	5	100	851.008	816.008	811.008
B-1000	40	45	11	5.1	100	851.008	811.008	806.008
B-1000	45	50	12	5	100	851.008	806.008	801.008
B-1001	13.4	15.4	1	1.7	75	842.384	828.984	826.984
B-1001	15.4	20.4	2	5	100	842.384	826.984	821.984
B-1001	20.4	25.4	3	5	100	842.384	821.984	816.984
B-1001	25.4	30.4	4	5	100	842.384	816.984	811.984
B-1001	30.4	35.4	5	4.9	98	842.384	811.984	806.984
B-1001	35.4	40.4	6	4.6	92	842.384	806.984	801.984
B-1001	40.4	45.4	7	5	100	842.384	801.984	796.984
B-1002	10.5	12.2	1	4.65	93	844.663	834.163	832.463
B-1002	12.2	17.2	2	5	100	844.663	832.463	827.463
B-1002	17.2	22.2	3	5	100	844.663	827.463	822.463
B-1002	22.2	27.2	4	5	100	844.663	822.463	817.463
B-1002	27.2	32.2	5	5	100	844.663	817.463	812.463
B-1002	32.2	37.2	6	5	100	844.663	812.463	807.463
B-1002	37.2	42.2	7	5	100	844.663	807.463	802.463
B-1002	42.2	47.2	8	4.7	94	844.663	802.463	797.463
B-1003	16.5	20.5	1	2.85	58	861.69	845.19	841.19
B-1003	20.5	25.5	2	4.4	88	861.69	841.19	836.19
B-1003	25.5	30.5	3	3.6	72	861.69	836.19	831.19
B-1003	30.5	31.5	4	0.85	85	861.69	831.19	830.19
B-1003	31.5	36.5	5	5	100	861.69	830.19	825.19
B-1003	36.5	41.5	6	4.8	96	861.69	825.19	820.19
B-1003	41.5	46.5	7	5	100	861.69	820.19	815.19
B-1003	46.5	51.5	8	5	100	861.69	815.19	810.19
B-1003	51.5	56.5	9	5	100	861.69	810.19	805.19
B-1003	56.5	61.5	10	5	100	861.69	805.19	800.19
B-1003 offs	15.5	17.5	7	4.5	90	861.77	846.27	844.27
B-1003 offs	17.5	22.5	8	5	100	861.77	844.27	839.27
B-1003 offs	22.5	27.5	9	5	100	861.77	839.27	834.27
B-1003 offs	27.5	32.5	10	5	100	861.77	834.27	829.27
B-1003 offs	32.5	37.5	11	5.2	100	861.77	829.27	824.27
B-1003 offs	37.5	42.5	12	5	100	861.77	824.27	819.27
B-1003 offs	42.5	47.5	13	5.1	100	861.77	819.27	814.27
B-1003 offs	47.5	52.5	14	5	100	861.77	814.27	809.27
B-1003 offs	52.5	57.5	15	4.9	98	861.77	809.27	804.27
B-1004	16.5	17.5	1	0.8	80	859.70	843.20	842.20
B-1004	17.5	22.5	2	4.9	98	859.70	842.20	837.20
B-1004	22.5	27.5	3	5	100	859.70	837.20	832.20
B-1004	27.5	32.5	4	4.9	98	859.70	832.20	827.20
B-1004	32.5	37.5	5	5.2	100	859.70	827.20	822.20
B-1004	37.5	42.5	6	4.8	96	859.70	822.20	817.20
B-1004	42.5	47.5	7	5	100	859.70	817.20	812.20
B-1004	47.5	52.5	8	5	100	859.70	812.20	807.20

B-1004	52.5	57.5	9	4	80	859.70	807.20	802.20
B-1005	17	20	8	2.7	90	857.02	840.02	837.02
B-1005	20	25	9	4.8	96	857.02	837.02	832.02
B-1005	25	30	10	4.9	98	857.02	832.02	827.02
B-1005	30	35	11	5	100	857.02	827.02	822.02
B-1005	35	40	12	4.9	98	857.02	822.02	817.02
B-1005	40	45	13	5	100	857.02	817.02	812.02
B-1005	45	50	14	5	100	857.02	812.02	807.02
B-1005	50	55	15	5	100	857.02	807.02	802.02
B-1006	7.2	12.2	1	4.6	92	847.72	840.52	835.52
B-1006	12.2	17.2	2	4.8	96	847.72	835.52	830.52
B-1006	17.2	22.2	3	5.1	86	847.72	830.52	825.52
B-1006	22.2	27.2	4	5	100	847.72	825.52	820.52
B-1006	27.2	32.2	5	5	100	847.72	820.52	815.52
B-1006	32.2	37.2	6	5.1	100	847.72	815.52	810.52
B-1006	37.2	42.2	7	4.5	90	847.72	810.52	805.52
B-1006	42.2	47.2	8	4.4	88	847.72	805.52	800.52
B-1007	11.5	12.3	1	5	100	843.62	832.12	831.32
B-1007	12.3	17.3	2	5	100	843.62	831.32	826.32
B-1007	17.3	22.3	3	4.7	94	843.62	826.32	821.32
B-1007	22.3	27.3	4	5	100	843.62	821.32	816.32
B-1007	27.3	32.3	5	5	100	843.62	816.32	811.32
B-1007	32.3	37.3	6	4.7	94	843.62	811.32	806.32
B-1007	37.3	42.3	7	4.4	88	843.62	806.32	801.32
B-1008	9.5	13.2	1	3.7	97	847.56	838.06	834.36
B-1008	13.2	18.2	2	5	98	847.56	834.36	829.36
B-1008	18.2	23.2	3	5	80	847.56	829.36	824.36
B-1008	23.2	28.2	4	5	100	847.56	824.36	819.36
B-1008	28.2	33.2	5	5.2	62	847.56	819.36	814.36
B-1008	33.2	38.2	6	4.8	44	847.56	814.36	809.36
B-1008	38.2	43.2	7	4.1	80	847.56	809.36	804.36
B-1009-I	17.8	20.6	1	5	96	857.20	839.40	836.60
B-1009-I	20.6	25.6	2	4.8	96	857.20	836.60	831.60
B-1009-I	25.6	30.6	3	5	96	857.20	831.60	826.60
B-1009-I	30.6	35.6	4	5.1	100	857.20	826.60	821.60
B-1009-I	35.6	40.6	5	4.9	98	857.20	821.60	816.60
B-1009-I	40.6	45.6	6	5.2	100	857.20	816.60	811.60
B-1009-I	45.6	50.6	7	4.85	97	857.20	811.60	806.60
B-1009-I	50.6	55.6	8	5.1	100	857.20	806.60	801.60
B-1010	15	20	1	4.8	60	861.44	846.44	841.44
B-1010	20	25	2	5	100	861.44	841.44	836.44
B-1010	25	30	3	4.9	98	861.44	836.44	831.44
B-1010	30	35	4	4.9	86	861.44	831.44	826.44
B-1010	35	40	5	5	100	861.44	826.44	821.44
B-1010	40	45	6	5.2	100	861.44	821.44	816.44
B-1010	45	50	7	5.2	100	861.44	816.44	811.44
B-1010	50	55	8	5.2	100	861.44	811.44	806.44
B-1010	55	60	9	5.2	100	861.44	806.44	801.44
B-1011-I	13.6	15.6	1	1.4	40	854.71	841.11	839.11
B-1011-I	15.6	20.6	2	5	72	854.71	839.11	834.11
B-1011-I	20.6	25.6	3	5	100	854.71	834.11	829.11
B-1011-I	25.6	28.6	4	3	100	854.71	829.11	826.11
B-1011-I	28.6	30.6	5	2.1	95	854.71	826.11	824.11

B-1011-I	30.6	35.6	6	4.9	98	854.71	824.11	819.11
B-1011-I	35.6	40.6	7	5	100	854.71	819.11	814.11
B-1011-I	40.6	45.6	8	4.95	99	854.71	814.11	809.11
B-1011-I	45.6	50.6	9	5.1	100	854.71	809.11	804.11
B-1011-I	50.6	55.6	10	5.2	100	854.71	804.11	799.11
B-1012	4	9	1	2.6	52	844.04	840.04	835.04
B-1012	9	14	2	4.5	90	844.04	835.04	830.04
B-1012	14	19	3	4.95	64	844.04	830.04	825.04
B-1012	19	24	4	4	80	844.04	825.04	820.04
B-1012	24	29	5	5	100	844.04	820.04	815.04
B-1012	29	34	6	5	100	844.04	815.04	810.04
B-1012	34	39	7	4.2	84	844.04	810.04	805.04
B-1012	39	44	8	5	100	844.04	805.04	800.04
B-1012	44	49	9	1.1	22	844.04	800.04	795.04
B-1013	6	10	1	3.6	90	863.53	857.53	853.53
B-1013	10	15	2	5	100	863.53	853.53	848.53
B-1013	15	20	3	5	100	863.53	848.53	843.53
B-1013	20	25	4	4.9	98	863.53	843.53	838.53
B-1013	25	30	5	5.2	100	863.53	838.53	833.53
B-1013	30	35	6	5	100	863.53	833.53	828.53
B-1013	35	37	7	2	100	863.53	828.53	826.53
B-1013	37	42	8	5	100	863.53	826.53	821.53
B-1013	42	47	9	5	100	863.53	821.53	816.53
B-1013	47	52	10	5	100	863.53	816.53	811.53
B-1013	52	54	11	2	100	863.53	811.53	809.53
B-1013	54	59	12	4.9	98	863.53	809.53	804.53
B-1013	59	62	13	3	100	863.53	804.53	801.53
B-1014	11.5	16	1	4.4	97	851.20	839.70	835.20
B-1014	16	21	2	4.7	94	851.20	835.20	830.20
B-1014	21	26	3	5.2	86	851.20	830.20	825.20
B-1014	26	31	4	4.85	97	851.20	825.20	820.20
B-1014	31	36	5	5.3	100	851.20	820.20	815.20
B-1014	36	41	6	4.9	98	851.20	815.20	810.20
B-1014	41	46	7	4.9	98	851.20	810.20	805.20
B-1014	46	51	8	4.9	98	851.20	805.20	800.20
B-1015	17.1	21	1	3.9	100	858.09	840.99	837.09
B-1015	21	26	2	5	100	858.09	837.09	832.09
B-1015	26	31	3	5	100	858.09	832.09	827.09
B-1015	31	36	4	5	100	858.09	827.09	822.09
B-1015	36	41	5	5	100	858.09	822.09	817.09
B-1015	41	44	6	3	100	858.09	817.09	814.09
B-1015	44	49	7	4.8	96	858.09	814.09	809.09
B-1015	49	51	8	2	100	858.09	809.09	807.09
B-1015	51	56	9	5	100	858.09	807.09	802.09
B-1016	18.4	20.8	1	2.4	100	865.59	847.19	844.79
B-1016	20.8	25.9	2	5.1	100	865.59	844.79	839.69
B-1016	25.9	31	3	5.1	100	865.59	839.69	834.59
B-1016	31	35.85	4	4.85	100	865.59	834.59	829.74
B-1016	35.85	40.9	5	5.05	100	865.59	829.74	824.69
B-1016	40.9	45.7	6	4.8	100	865.59	824.69	819.89
B-1016	45.7	50.9	7	5.2	100	865.59	819.89	814.69
B-1016	50.9	55.8	8	4.9	100	865.59	814.69	809.79
B-1016	55.8	60.9	9	5.1	100	865.59	809.79	804.69

B-1016	60.9	65.8	10	4.9	100	865.59	804.69	799.79
B-1017	18.6	21.4	1	2.8	100	866.37	847.77	844.97
B-1017	21.4	26.4	2	4.95	99	866.37	844.97	839.97
B-1017	26.4	31.3	3	4.9	100	866.37	839.97	835.07
B-1017	31.3	36.4	4	5.1	100	866.37	835.07	829.97
B-1017	36.4	41.4	5	5	100	866.37	829.97	824.97
B-1017	41.4	46.4	6	5	100	866.37	824.97	819.97
B-1017	46.4	51.4	7	5	100	866.37	819.97	814.97
B-1017	51.4	55.9	8	4.5	100	866.37	814.97	810.47
B-1017	55.9	60.7	9	4.8	100	866.37	810.47	805.67
B-1017	60.7	61.6	10	0.9	100	866.37	805.67	804.77
B-1018	6.4	7.4	1	0.8	80	846.36	839.96	838.96
B-1018	7.4	12.4	2	4.8	96	846.36	838.96	833.96
B-1018	12.4	17.4	3	5	100	846.36	833.96	828.96
B-1018	17.4	22.4	4	5	50	846.36	828.96	823.96
B-1018	22.4	27.4	5	5	100	846.36	823.96	818.96
B-1018	27.4	32.4	6	5	100	846.36	818.96	813.96
B-1018	32.4	37.4	7	4.8	75	846.36	813.96	808.96
B-1018	37.4	42.4	8	5	100	846.36	808.96	803.96
B-1018	42.4	47.4	9	5	100	846.36	803.96	798.96
B-1019	10	15	1	5	74	852.22	842.22	837.22
B-1019	15	17	2	4.5	90	852.22	837.22	835.22
B-1019	17	20	3	3.7	100	852.22	835.22	832.22
B-1019	20	25	4	5.1	100	852.22	832.22	827.22
B-1019	25	30	5	5	97	852.22	827.22	822.22
B-1019	30	35	6	5	100	852.22	822.22	817.22
B-1019	35	40	7	5	100	852.22	817.22	812.22
B-1019	40	45	8	5	100	852.22	812.22	807.22
B-1019	45	50	9	5	100	852.22	807.22	802.22
B-1020	18.4	22.4	1	3.8	95	861.94	843.54	839.54
B-1020	22.4	27.4	2	5	100	861.94	839.54	834.54
B-1020	27.4	32.4	3	5	100	861.94	834.54	829.54
B-1020	32.4	37.4	4	5	100	861.94	829.54	824.54
B-1020	37.4	42.4	5	5	100	861.94	824.54	819.54
B-1020	42.4	47.4	6	5	100	861.94	819.54	814.54
B-1020	47.4	52.4	7	4.6	92	861.94	814.54	809.54
B-1020	52.4	57.4	8	3.2	64	861.94	809.54	804.54
B-1020	57.4	62.4	9	4.7	94	861.94	804.54	799.54
B-1021	15.4	17	7	1.3	81	845.18	829.78	828.18
B-1021	17	22	8	5	98	845.18	828.18	823.18
B-1021	22	27	9	5.1	100	845.18	823.18	818.18
B-1021	27	32	10	5.1	100	845.18	818.18	813.18
B-1021	32	37	11	5.2	100	845.18	813.18	808.18
B-1021	37	42	12	5	100	845.18	808.18	803.18
B-1021	42	47	13	5	100	845.18	803.18	798.18
B-1022	19	21	1	1.8	100	863.48	844.48	842.48
B-1022	21	26	2	5.2	100	863.48	842.48	837.48
B-1022	26	31	3	4.85	97	863.48	837.48	832.48
B-1022	31	36	4	4.9	98	863.48	832.48	827.48
B-1022	36	41	5	4.9	98	863.48	827.48	822.48
B-1022	41	46	6	5	100	863.48	822.48	817.48
B-1022	46	51	7	4.9	98	863.48	817.48	812.48
B-1022	51	56	8	3.5	70	863.48	812.48	807.48

B-1022	56	61	9	5.1	100	863.48	807.48	802.48
B-1023	15.5	20.5	1	5	92	865.68	850.18	845.18
B-1023	20.5	25.5	2	5	78	865.68	845.18	840.18
B-1023	25.5	30.5	3	5	100	865.68	840.18	835.18
B-1023	30.5	35.5	4	5	100	865.68	835.18	830.18
B-1023	35.5	40.5	5	5	98	865.68	830.18	825.18
B-1023	40.5	45.5	6	5	100	865.68	825.18	820.18
B-1023	45.5	50.5	7	5	100	865.68	820.18	815.18
B-1023	50.5	55.5	8	5	100	865.68	815.18	810.18
B-1023	55.5	60.5	9	5	100	865.68	810.18	805.18
B-1023	60.5	65.5	10	5	100	865.68	805.18	800.18
B-1024	17	20	1	3.2	100	861.65	844.65	841.65
B-1024	20	25	2	4.9	98	861.65	841.65	836.65
B-1024	25	30	3	4.7	98	861.65	836.65	831.65
B-1024	30	35	4	5.2	100	861.65	831.65	826.65
B-1024	35	40	5	4.75	97	861.65	826.65	821.65
B-1024	40	45	6	5.1	100	861.65	821.65	816.65
B-1024	45	50	7	5.1	100	861.65	816.65	811.65
B-1024	50	55	8	5.1	100	861.65	811.65	806.65
B-1024	55	60	9	5	100	861.65	806.65	801.65
B-1025	20	21	1	1	100	861.52	841.52	840.52
B-1025	21	26	2	4.8		861.52	840.52	835.52
B-1025	26	31	3	5	100	861.52	835.52	830.52
B-1025	31	36	4	3.5		861.52	830.52	825.52
B-1025	36	41	5	5.2	100	861.52	825.52	820.52
B-1025	41	46	6	5.1	100	861.52	820.52	815.52
B-1025	46	51	7	4.7	92	861.52	815.52	810.52
B-1025	51	56	8	5	100	861.52	810.52	805.52
B-1025	56	61	9	5	100	861.52	805.52	800.52
B-1026	5.5	6	3	4	80	865.13	859.63	859.13
B-1026	6	11	4	3.6	72	865.13	859.13	854.13
B-1026	11	16	5	4.7	94	865.13	854.13	849.13
B-1026	16	21	6	4	80	865.13	849.13	844.13
B-1026	21	26	7	5	100	865.13	844.13	839.13
B-1026	26	31	8	5.2	100	865.13	839.13	834.13
B-1026	31	36	9	4.2	84	865.13	834.13	829.13
B-1026	36	41	10	4.375	87.5	865.13	829.13	824.13
B-1026	41	46	11	5	100	865.13	824.13	819.13
B-1026	46	51	12	5	100	865.13	819.13	814.13
B-1026	51	56	13	5	100	865.13	814.13	809.13
B-1026	56	61	14	4.8	96	865.13	809.13	804.13
B-1027	15	16	7	5	100	863.62	848.62	847.62
B-1027	16	18.5	8	5	100	863.62	847.62	845.12
B-1027	18.5	21	9	4.4	88	863.62	845.12	842.62
B-1027	21	26	10	4.9	98	863.62	842.62	837.62
B-1027	26	31	11	5.1	100	863.62	837.62	832.62
B-1027	31	36	12	5	100	863.62	832.62	827.62
B-1027	36	41	13	4.8	96	863.62	827.62	822.62
B-1027	40.5	45.5	7	5	60	863.62	822.62	818.12
B-1027	41	46	14	5	100	863.62	822.62	817.62
B-1027	45.5	47.5	8	5	100	863.62	817.62	816.12
B-1027	46	51	15	5	100	863.62	817.62	812.62
B-1027	47.5	50.5	9	4	63	863.62	812.62	813.12

B-1027	50.5	55.5	10	4.7	94	863.62	813.12	808.12
B-1027	51	56	16	5	100	863.62	808.12	807.62
B-1027	55.5	60.5	11	4.4	56	863.62	808.12	803.12
B-1027	56	61	17	5.1	100	863.62	803.12	802.62
B-1028	12.5	15.5	1	4.5	90	842.06	829.56	826.56
B-1028	15.5	20.5	2	4.4	88	842.06	826.56	821.56
B-1028	20.5	25.5	3	5	100	842.06	821.56	816.56
B-1028	25.5	30.5	4	4.9	98	842.06	816.56	811.56
B-1028	30.5	35.5	5	3.8	76	842.06	811.56	806.56
B-1028	35.5	40.5	6	3.5	70	842.06	806.56	801.56
B-1029	6.5	7.5	1	2.5	50	846.88	840.38	839.38
B-1029	7.5	12.5	2	2.2	40	846.88	839.38	834.38
B-1029	12.5	17.5	3	5	100	846.88	834.38	829.38
B-1029	17.5	22.5	4	5	96	846.88	829.38	824.38
B-1029	22.5	27.5	5	5	100	846.88	824.38	819.38
B-1029	27.5	32.5	6	5	100	846.88	819.38	814.38
B-1029	32.5	38	7	4.75	95	846.88	814.38	808.88
B-1029	38	43	8	5	100	846.88	808.88	803.88
B-1029	43	48	9	4.8	96	846.88	803.88	798.88
B-1030	19.4	19.9	8	5	100	858.58	839.18	838.68
B-1030	24.2	24.7	9	2.2	88	858.58	838.68	833.88
B-1030	26.7	27.1	10	5.1	100	858.58	831.88	831.48
B-1030	31.4	31.9	11	4.9	98	858.58	831.48	826.68
B-1030	37.1	36.7	12	5	100	858.58	821.48	821.88
B-1030	42.2	42.7	13	5.1	100	858.58	821.88	815.88
B-1030	48.2	48.7	14	5.1	100	858.58	810.38	809.88
B-1030	51.3	51.8	15	4.9	98	858.58	809.88	806.78
B-1030	55.7	56.2	16	5	100	858.58	802.88	802.38
B-1031	18.5	20.5	1	1.9	95	864.21	845.71	843.71
B-1031	20.5	25.5	2	5	100	864.21	843.71	838.71
B-1031	25.5	30.5	3	4.9	98	864.21	838.71	833.71
B-1031	30.5	35.5	4	5	96	864.21	833.71	828.71
B-1031	35.5	40.5	5	4.5	100	864.21	828.71	823.71
B-1031	40.5	45.5	6	5.5	100	864.21	823.71	818.71
B-1031	45.5	50.5	7	5.1	100	864.21	818.71	813.71
B-1031	50.5	55.5	8	4.8	96	864.21	813.71	808.71
B-1031	55.5	60.5	9	4.9	98	864.21	808.71	803.71
B-1032	14.7	16.5	7	2.7	96	867.32	852.62	850.82
B-1032	16.5	21.5	8	5	100	867.32	850.82	845.82
B-1032	21.5	26.5	9	5.1	100	867.32	845.82	840.82
B-1032	26.5	31.5	10	4.9	98	867.32	840.82	835.82
B-1032	31.5	36.5	11	5	100	867.32	835.82	830.82
B-1032	36.5	41.5	12	5	100	867.32	830.82	825.82
B-1032	41.5	46.5	13	5	100	867.32	825.82	820.82
B-1032	46.5	51.5	14	4.9	98	867.32	820.82	815.82
B-1032	51.5	56.5	15	4.8	96	867.32	815.82	810.82
B-1032	56.5	61.5	16	4.8	96	867.32	810.82	805.82
B-1032	61.5	66.5	17	4.7	94	867.32	805.82	800.82
B-1033	9.8	11.2	1	1.1	64	866.92	857.12	855.72
B-1033	11.2	16.2	2	4.5	90	866.92	855.72	850.72
B-1033	16.2	21.2	3	5.1	100	866.92	850.72	845.72
B-1033	21.2	26.2	4	4.5	94	866.92	845.72	840.72
B-1033	26.2	31.2	5	5.2	100	866.92	840.72	835.72

B-1033	31.2	36.2	6	5	100	866.92	835.72	830.72
B-1033	36.2	41.2	7	4.75	51	866.92	830.72	825.72
B-1033	41.2	46.2	8	5.3	100	866.92	825.72	820.72
B-1033	46.2	51.2	9	5.15	100	866.92	820.72	815.72
B-1033	51.2	56.2	10	5.1	100	866.92	815.72	810.72
B-1033	56.2	61.2	11	3.6	72	866.92	810.72	805.72
B-1033	61.2	66.2	12	5.1	72	866.92	805.72	800.72
B-1034	5.6	7	4	0.6	60	858.46	852.86	851.46
B-1034	7	12	5	4.9	98	858.46	851.46	846.46
B-1034	12	17	6	5	100	858.46	846.46	841.46
B-1034	17	22	7	4.8	96	858.46	841.46	836.46
B-1034	22	27	8	5	100	858.46	836.46	831.46
B-1034	27	32	9	5.2	100	858.46	831.46	826.46
B-1034	32	37	10	5	100	858.46	826.46	821.46
B-1034	37	42	11	5	100	858.46	821.46	816.46
B-1034	42	47	12	4.9	100	858.46	816.46	811.46
B-1034	47	52	13	5	100	858.46	811.46	806.46
B-1035	3.8	7	3	0.9	28	856.11	852.31	849.11
B-1035	7	12	4	5	100	856.11	849.11	844.11
B-1035	12	17	5	5	100	856.11	844.11	839.11
B-1035	17	22	6	5	100	856.11	839.11	834.11
B-1035	22	27	7	5	100	856.11	834.11	829.11
B-1035	27	32	8	5	100	856.11	829.11	824.11
B-1035	32	37	9	5.1	100	856.11	824.11	819.11
B-1035	37	42	10	5	100	856.11	819.11	814.11
B-1035	42	47	11	4.9	98	856.11	814.11	809.11
B-1035	47	52	12	4.9	98	856.11	809.11	804.11
B-1036	11.5	15	1	3.2	91	858.65	847.15	843.65
B-1036	15	20	2	5	100	858.65	843.65	838.65
B-1036	20	25	3	5	100	858.65	838.65	833.65
B-1036	25	30	4	5	100	858.65	833.65	828.65
B-1036	30	35	5	4.4	88	858.65	828.65	823.65
B-1036	35	40	6	5	100	858.65	823.65	818.65
B-1036	40	45	7	5.3	100	858.65	818.65	813.65
B-1036	45	50	8	5	100	858.65	813.65	808.65
B-1036	50	55	9	5.2	100	858.65	808.65	803.65
B-1037	14.4	16.3	1	4.75	95	852.84	838.44	836.54
B-1037	16.3	21.3	2	4.7	94	852.84	836.54	831.54
B-1037	21.3	26.3	3	5	100	852.84	831.54	826.54
B-1037	26.3	31.3	4	4.9	98	852.84	826.54	821.54
B-1037	31.3	36.3	5	5.1	100	852.84	821.54	816.54
B-1037	36.3	41.3	6	4.9	98	852.84	816.54	811.54
B-1037	41.3	46.3	7	5	100	852.84	811.54	806.54
B-1037	46.3	51.3	8	5.1	100	852.84	806.54	801.54
B-1038	13.5	15	7	3.65	73	843.53	830.03	828.53
B-1038	15	20	8	4.8	96	843.53	828.53	823.53
B-1038	20	25	9	4.9	98	843.53	823.53	818.53
B-1038	25	30	10	5	100	843.53	818.53	813.53
B-1038	30	35	11	5.2	100	843.53	813.53	808.53
B-1038	35	40	12	5.1	100	843.53	808.53	803.53
B-1039	10	11	1	5	100	847.10	837.10	836.10
B-1039	11	16	2	5	100	847.10	836.10	831.10
B-1039	16	21	3	5	100	847.10	831.10	826.10

B-1039	21	26	4	4.5	90	847.10	826.10	821.10
B-1039	26	31	5	5	100	847.10	821.10	816.10
B-1039	31	36	6	5	100	847.10	816.10	811.10
B-1039	36	41	7	5	100	847.10	811.10	806.10
B-1039	41	46	8	5.1	100	847.10	806.10	801.10
B-1040	9	10.5	1	5	100	847.04	838.04	836.54
B-1040	10.5	15.5	2	5	100	847.04	836.54	831.54
B-1040	15.5	20.5	3	5	100	847.04	831.54	826.54
B-1040	20.5	25.5	4	4.3	86	847.04	826.54	821.54
B-1040	25.5	30.5	5	5.2	100	847.04	821.54	816.54
B-1040	30.5	35.5	6	5	100	847.04	816.54	811.54
B-1040	35.5	40.5	7	4.9	98	847.04	811.54	806.54
B-1040	40.5	45.5	8	0		847.04	806.54	801.54
B-1041	11	14.8	1	3.3	94	845.30	834.30	830.50
B-1041	14.8	19.8	2	5.2	100	845.30	830.50	825.50
B-1041	19.8	24.8	3	5	100	845.30	825.50	820.50
B-1041	24.8	29.8	4	5.2	100	845.30	820.50	815.50
B-1041	29.8	34.8	5	5	100	845.30	815.50	810.50
B-1041	34.8	39.8	6	5.1	98	845.30	810.50	805.50
B-1041	39.8	44.8	7	4.9	100	845.30	805.50	800.50
B-1042	12	16	1	4	100	846.41	834.41	830.41
B-1042	16	21	2	5.2	88	846.41	830.41	825.41
B-1042	21	26	3	5	100	846.41	825.41	820.41
B-1042	26	31	4	5	100	846.41	820.41	815.41
B-1042	31	36	5	5.1	100	846.41	815.41	810.41
B-1042	36	41	6	5.1	100	846.41	810.41	805.41
B-1042	41	46	7	4.9	98	846.41	805.41	800.41
B-1043	5.2	6.8	1	1.6	100	824.51	819.31	817.71
B-1043	6.8	11.8	2	4.2	84	824.51	817.71	812.71
B-1043	11.8	16.8	3	3.5	70	824.51	812.71	807.71
B-1043	16.8	21.8	4	4.9	98	824.51	807.71	802.71
B-1044	20.7	25.7	1	4.8	96	838.21	817.51	812.51
B-1044	25.7	30.7	2	5.1	90	838.21	812.51	807.51
B-1044	30.7	35.7	3	5	96	838.21	807.51	802.51
B-1045	19.5	20.8	1	1.3	100	838.17	818.67	817.37
B-1045	20.8	25.8	2	5.1	100	838.17	817.37	812.37
B-1045	25.8	30.8	3	5.2	84	838.17	812.37	807.37
B-1045	30.8	35.8	4	4.8	68	838.17	807.37	802.37
B-1047	7.7	12.7	1	4.6	92	831.11	823.41	818.41
B-1047	12.7	17.7	2	5	100	831.11	818.41	813.41
B-1047	17.7	22.7	3	5	98	831.11	813.41	808.41
B-1047	22.7	27.7	4	4.9	98	831.11	808.41	803.41
B-1047	27.7	32.7	5	5	100	831.11	803.41	798.41
B-1048	5	6.5	1	1.5	100	835.78	830.78	829.28
B-1048	6.5	11.5	2	5	100	835.78	829.28	824.28
B-1048	11.5	16.5	3	5.2	100	835.78	824.28	819.28
B-1048	16.5	21.5	4	4.9	100	835.78	819.28	814.28
B-1048	21.5	26.5	5	5	100	835.78	814.28	809.28
B-1048	26.5	31.5	6	5.2	100	835.78	809.28	804.28
B-1048	31.5	36.5	7	4.9	100	835.78	804.28	799.28
B-1049	22	25	10	3.2	100	840.41	818.41	815.41
B-1049	25	30	11	5	100	840.41	815.41	810.41
B-1049	30	35	12	5	100	840.41	810.41	805.41

B-1049	35	40	13	5	100	840.41	805.41	800.41
B-1050	37.5	40	15	1.1	44	838.50	801.00	798.50
B-1050	40	45	16	1.5	30	838.50	798.50	793.50
B-1051	15	20	7	5	100	842.69	827.69	822.69
B-1051	20	25	8	4.6	92	842.69	822.69	817.69
B-1051	25	30	9	4.9	98	842.69	817.69	812.69
B-1051	30	35	10	4.3	80	842.69	812.69	807.69
B-1051	35	40	11	4.1	82	842.69	807.69	802.69
B-1052	14	15	1	0.8	0	842.51	828.51	827.51
B-1052	15	20	2	5	96	842.51	827.51	822.51
B-1052	20	25	3	4.4	88	842.51	822.51	817.51
B-1052	25	30	4	5.1	100	842.51	817.51	812.51
B-1052	30	35	5	4.8	100	842.51	812.51	807.51
B-1052	35	40	6	4.2	100	842.51	807.51	802.51
B-1052	40	45	7	4.5	100	842.51	802.51	797.51
B-1053	13	14.5	1	0.4		841.35	828.35	826.85
B-1053	14.5	19.5	2			841.35	826.85	821.85
B-1053	19.5	21.5	3	0	0	841.35	821.85	819.85
B-1053	21.5	26.5	4	3.9	78	841.35	819.85	814.85
B-1053	26.5	31.5	5	4.3	86	841.35	814.85	809.85
B-1053	31.5	36.5	6	4.3	86	841.35	809.85	804.85
B-1053	36.5	41.5	7	4.4	88	841.35	804.85	799.85
B-1054	33.7	35.5	15	1.8	100	839.66	805.96	804.16
B-1054	35.5	40.5	16	5.2	100	839.66	804.16	799.16
B-1055	14	16	1	1.7	85	854.80	840.80	838.80
B-1055	16	21	2	5	100	854.80	838.80	833.80
B-1055	21	26	3	4.7	96	854.80	833.80	828.80
B-1055	26	31	4	5	100	854.80	828.80	823.80
B-1055	31	36	5	4.2	5	854.80	823.80	818.80
B-1055	36	41	6	4.5	90	854.80	818.80	813.80
B-1055	41	46	7	4.4	88	854.80	813.80	808.80
B-1055	46	50	8	3.2	80	854.80	808.80	804.80
B-1056	12.5	16	6	2.9	83	843.03	830.53	827.03
B-1056	16	21	7	5	100	843.03	827.03	822.03
B-1056	21	26	8	5	100	843.03	822.03	817.03
B-1056	26	31	9	4.9	98	843.03	817.03	812.03
B-1056	31	36	10	4.9	98	843.03	812.03	807.03
B-1056	36	41	11	5	100	843.03	807.03	802.03
B-1057	15.5	20	7	4.5	100	861.14	845.64	841.14
B-1057	20	25	8	5	100	861.14	841.14	836.14
B-1057	25	30	9	5	100	861.14	836.14	831.14
B-1057	30	35	10	5	100	861.14	831.14	826.14
B-1057	35	40	11	5	100	861.14	826.14	821.14
B-1057	40	45	12	5	100	861.14	821.14	816.14
B-1057	45	50	13	5	100	861.14	816.14	811.14
B-1058	4.7	6	3	1	69	845.22	840.52	839.22
B-1058	6	11	4	2.5	50	845.22	839.22	834.22
B-1058	11	16	5	3	60	845.22	834.22	829.22
B-1058	16	21	6	5	100	845.22	829.22	824.22
B-1058	21	26	7	4.9	98	845.22	824.22	819.22
B-1058	26	31	8	5	100	845.22	819.22	814.22
B-1058	31	36	9	4.9	5	845.22	814.22	809.22
B-1058	36	41	10	4.8	5	845.22	809.22	804.22

B-1058	41	46	11	4.6	92	845.22	804.22	799.22
B-1059	17	20	7	3.2	100	866.15	849.15	846.15
B-1059	20	25	8	4.9	98	866.15	846.15	841.15
B-1059	25	30	9	5.1	100	866.15	841.15	836.15
B-1059	30	35	10	4.9	98	866.15	836.15	831.15
B-1059	35	40	11	5	100	866.15	831.15	826.15
B-1059	40	45	12	5	100	866.15	826.15	821.15
B-1059	45	50	13	5	100	866.15	821.15	816.15
B-1060	16	20	7	4	100	866.96	850.96	846.96
B-1060	20	25	8	5	100	866.96	846.96	841.96
B-1060	25	30	9	5.1	100	866.96	841.96	836.96
B-1060	30	35	10	5	100	866.96	836.96	831.96
B-1060	35	40	11	5	100	866.96	831.96	826.96
B-1060	40	45	12	5	100	866.96	826.96	821.96
B-1060	45	50	13	5	100	866.96	821.96	816.96
B-1061	7.5	11	4	3.5	100	852.77	845.27	841.77
B-1061	11	16	5	4.9	86	852.77	841.77	836.77
B-1061	16	21	6	5.1	100	852.77	836.77	831.77
B-1061	21	26	7	5	100	852.77	831.77	826.77
B-1061	26	31	8	4.9	98	852.77	826.77	821.77
B-1061	31	36	9	5	100	852.77	821.77	816.77
B-1061	36	41	10	5	100	852.77	816.77	811.77
B-1061	41	46	11	4.7	94	852.77	#REF!	806.77
B-1061	46	51	12	4.8	96	852.77	806.77	801.77
B-1062	9.5	10.6	5	1.4	75	848.38	838.88	837.78
B-1062	10.6	15.6	6	5	100	848.38	837.78	832.78
B-1062	15.6	20.6	7	5	100	848.38	832.78	827.78
B-1062	20.6	25.6	8	5	100	848.38	827.78	822.78
B-1062	25.6	30.6	9	5	100	848.38	822.78	817.78
B-1062	30.6	35.6	10	5	100	848.38	817.78	812.78
B-1062	35.6	40.6	11	4.7	94	848.38	812.78	807.78
B-1062	40.6	45.6	12	5	100	848.38	807.78	802.78
B-1063	30	35	13	5	100	837.16	807.16	802.16
B-1064	9	10	5	1	100	839.05	830.05	829.05
B-1064	10	11	6	1	100	839.05	829.05	828.05
B-1064	11	15.5	7	2.9	64	839.05	828.05	823.55
B-1064	15.5	20.5	8	4	80	839.05	823.55	818.55
B-1064	20.5	25.5	9	4.9	96	839.05	818.55	813.55
B-1064	25.5	30.5	10	5.2	100	839.05	813.55	808.55
B-1064	30.5	35.5	11	5	100	839.05	808.55	803.55
B-2000	18.7	22.6	1	3.9	100	844.03	825.33	821.43
B-2000	22.6	27.6	2	4.9	98	844.03	821.43	816.43
B-2000	27.6	32.6	3	5	100	844.03	816.43	811.43
B-2000	32.6	37.6	4	4.9	98	844.03	811.43	806.43
B-2000	37.6	42.6	5	5	100	844.03	806.43	801.43
B-2000	42.6	47.6	6	5	100	844.03	801.43	796.43
B-2001	10	15	1	4.8	96	837.89	827.89	822.89
B-2001	15	16	2	1	100	837.89	822.89	821.89
B-2001	16	21	3	4.9	98	837.89	821.89	816.89
B-2001	21	26	4	5	100	837.89	816.89	811.89
B-2001	26	31	5		100	837.89	811.89	806.89
B-2001	31	36	6	5	100	837.89	806.89	801.89
B-2001	36	41	7	5	100	837.89	801.89	796.89

B-2002	11.5	12	1	0.5	100	837.21	825.71	825.21
B-2002	12	17	2	4.9	84	837.21	825.21	820.21
B-2002	17	22	3	5	100	837.21	820.21	815.21
B-2002	22	27	4	4.9	98	837.21	815.21	810.21
B-2002	27	32	5	5.3	100	837.21	810.21	805.21
B-2002	32	37	6	5	100	837.21	805.21	800.21
B-2002	37	42	7	5.3	100	837.21	800.21	795.21
B-2003	14	18	1	4	100	840.99	826.99	822.99
B-2003	18	23	2	4.9	38	840.99	822.99	817.99
B-2003	23	28	3	5	100	840.99	817.99	812.99
B-2003	28	33	4	5	100	840.99	812.99	807.99
B-2003	33	38	5	5	100	840.99	807.99	802.99
B-2003	38	43	6	5	100	840.99	802.99	797.99
B-2003 offs	13	15	1	5.1	100	841.14	828.14	826.14
B-2003 offs	15	20	2	5	100	841.14	826.14	821.14
B-2003 offs	20	25	3	5	100	841.14	821.14	816.14
B-2003 offs	25	30	4	5.1	100	841.14	816.14	811.14
B-2003 offs	30	35	5	5	100	841.14	811.14	806.14
B-2003 offs	35	40	6	4.6	92	841.14	806.14	801.14
B-2003 offs	40	45	7	5.1	100	841.14	801.14	796.14
B-2004	10	11	1	0.9	90	850.53	840.53	839.53
B-2004	11	16	2	5.4	100	850.53	839.53	834.53
B-2004	16	21	3	4.7	94	850.53	834.53	829.53
B-2004	21	26	4	4.9	98	850.53	829.53	824.53
B-2004	26	31	5	4.9	98	850.53	824.53	819.53
B-2004	31	36	6	5	100	850.53	819.53	814.53
B-2004	36	41	7	5.1	100	850.53	814.53	809.53
B-2004	41	46	8	4.2	84	850.53	809.53	804.53
B-2004	46	51	9	5	100	850.53	804.53	799.53
B-2005	6	11	1	5	100	848.72	842.72	837.72
B-2005	11	16	2	5.1	100	848.72	837.72	832.72
B-2005	16	21	3	5	100	848.72	832.72	827.72
B-2005	21	26	4	5.1	100	848.72	827.72	822.72
B-2005	26	31	5	5.1	100	848.72	822.72	817.72
B-2005	31	36	6	4.9	100	848.72	817.72	812.72
B-2005	36	41	7	5.1	100	848.72	812.72	807.72
B-2005	41	46	8	5.1	100	848.72	807.72	802.72
B-2005	46	51	9	5	100	848.72	802.72	797.72
B-2006	18.5	21	8	5	100	844.99	826.49	823.99
B-2006	21	26	9	5.1	100	844.99	823.99	818.99
B-2006	26	31	10	5.1	100	844.99	818.99	813.99
B-2006	31	36	11	4.9	100	844.99	813.99	808.99
B-2006	36	41	12	5.1	100	844.99	808.99	803.99
B-2006	41	46	13	5.1	100	844.99	803.99	798.99
B-2007	14	15	1	5	100	841.23	827.23	826.23
B-2007	15	20	2	5	98	841.23	826.23	821.23
B-2007	20	25	3	5	100	841.23	821.23	816.23
B-2007	25	30	4	5	100	841.23	816.23	811.23
B-2007	30	35	5	5	100	841.23	811.23	806.23
B-2007	35	40	6	5.2	100	841.23	806.23	801.23
B-2007	40	45	7	5	10	841.23	801.23	796.23
B-2008	3.7	5	1	0.7	50	840.62	836.92	835.62
B-2008	5	10	2	2.5	50	840.62	835.62	830.62

B-2008	10	15	3	4.8	94	840.62	830.62	825.62
B-2008	15	20	4	5	94	840.62	825.62	820.62
B-2008	20	25	5	5.1	100	840.62	820.62	815.62
B-2008	25	30	6	5	100	840.62	815.62	810.62
B-2008	30	35	7	4.9	98	840.62	810.62	805.62
B-2008	35	40	8	5	100	840.62	805.62	800.62
B-2008	40	45	9	5	100	840.62	800.62	795.62
B-2009-I	17.2	21.6	1	4.4	85	842.97	825.77	821.37
B-2009-I	21.6	25.7	2	4.2	100	842.97	821.37	817.27
B-2009-I	25.7	30.7	3	4.8	96	842.97	817.27	812.27
B-2009-I	30.7	35.7	4	5	100	842.97	812.27	807.27
B-2009-I	35.7	40.7	5	5	96	842.97	807.27	802.27
B-2009-I	40.7	45.7	6		98	842.97	802.27	797.27
B-2010	9	13.4	1	5	84	846.41	837.41	833.01
B-2010	13.4	18.4	2	5.1	100	846.41	833.01	828.01
B-2010	18.4	23.4	3	5	96	846.41	828.01	823.01
B-2010	23.4	28.4	4	5	100	846.41	823.01	818.01
B-2010	28.4	33.4	5	5.1	100	846.41	818.01	813.01
B-2010	33.4	38.4	6	5.1	100	846.41	813.01	808.01
B-2010	38.4	43.4	7	5	100	846.41	808.01	803.01
B-2010	43.4	48.4	8	5.3	100	846.41	803.01	798.01
B-2011-I	16.6	20.6	1	4	100	847.08	830.48	826.48
B-2011-I	20.6	25.6	2	5	100	847.08	826.48	821.48
B-2011-I	25.6	30.6	3	5	100	847.08	821.48	816.48
B-2011-I	30.6	35.6	4	5	100	847.08	816.48	811.48
B-2011-I	35.6	40.6	5	5.1	100	847.08	811.48	806.48
B-2011-I	40.6	45.6	6	5	100	847.08	806.48	801.48
B-2011-I	45.6	50.6	7	4.9	98	847.08	801.48	796.48
B-2012	8.5	12	1	2.8	72.8	847.19	838.69	835.19
B-2012	12	17	2	4.5	90	847.19	835.19	830.19
B-2012	17	22	3	5.4	100	847.19	830.19	825.19
B-2012	22	27	4	4.7	100	847.19	825.19	820.19
B-2012	27	32	5	5	98	847.19	820.19	815.19
B-2012	32	37	6	5	100	847.19	815.19	810.19
B-2012	37	42	7	4.6	100	847.19	810.19	805.19
B-2012	42	47	8	5	100	847.19	805.19	800.19
B-2013	3.5	5.5	1	0.9	0	846.96	843.46	841.46
B-2013	5.5	10.5	2	2.5	90	846.96	841.46	836.46
B-2013	10.5	15.5	3	5	100	846.96	836.46	831.46
B-2013	15.5	20.5	4	5	72	846.96	831.46	826.46
B-2013	20.5	25.5	5	5	100	846.96	826.46	821.46
B-2013	25.5	30.5	6	4.7	100	846.96	821.46	816.46
B-2013	30.5	35.5	7	5	100	846.96	816.46	811.46
B-2013	35.5	40.5	8	5	100	846.96	811.46	806.46
B-2013	40.5	45.5	9	5	100	846.96	806.46	801.46
B-2014	8.5	10	1	1.5	100	839.41	830.91	829.41
B-2014	10	15	2	5	100	839.41	829.41	824.41
B-2014	15	20	3	4.8	96	839.41	824.41	819.41
B-2014	20	25	4	4.7	94	839.41	819.41	814.41
B-2014	25	30	5	5	100	839.41	814.41	809.41
B-2014	30	35	6	5	100	839.41	809.41	804.41
B-2014	35	40	7	5	100	839.41	804.41	799.41
B-2015	7.3	10	1	2.7	100	846.68	839.38	836.68

B-2015	10	15	2	5.2	100	846.68	836.68	831.68
B-2015	15	20	3	5	100	846.68	831.68	826.68
B-2015	20	25	4	5	100	846.68	826.68	821.68
B-2015	25	30	5	5	100	846.68	821.68	816.68
B-2015	30	35	6	5	100	846.68	816.68	811.68
B-2015	35	40	7	5	100	846.68	811.68	806.68
B-2015	40	45	8	5	100	846.68	806.68	801.68
B-2016	9.5	13.2	1	3.7	100	841.04	831.54	827.84
B-2016	13.2	18.2	2	5	100	841.04	827.84	822.84
B-2016	18.2	23.2	3	5	100	841.04	822.84	817.84
B-2016	23.2	28.2	4	5	100	841.04	817.84	812.84
B-2016	28.2	33.2	5	5	100	841.04	812.84	807.84
B-2016	33.2	38.2	6	5	100	841.04	807.84	802.84
B-2016	38.2	43.2	7	5	100	841.04	802.84	797.84
B-2017	16	20	1	3.4	76	845.37	829.37	825.37
B-2017	20	25	2	5.1	100	845.37	825.37	820.37
B-2017	25	30	3	5	100	845.37	820.37	815.37
B-2017	30	35	4	5.1	100	845.37	815.37	810.37
B-2017	35	40	5	5.1	100	845.37	810.37	805.37
B-2017	40	45	6	5.1	100	845.37	805.37	800.37
B-2018-OF	14.1	16	1	1.9	100	849.07	834.97	833.07
B-2018-OF	16	20.9	2	4.9	100	849.07	833.07	828.17
B-2018-OF	20.9	25.9	3	4.9	100	849.07	828.17	823.17
B-2018-OF	25.9	31	4	5	100	849.07	823.17	818.07
B-2018-OF	31	36.1	5	5.1	100	849.07	818.07	812.97
B-2018-OF	36.1	40.9	6	4.9	100	849.07	812.97	808.17
B-2018-OF	40.9	46.1	7	5.1	100	849.07	808.17	802.97
B-2019	8.7	13.7	1	4.4	100	852.57	843.87	838.87
B-2019	13.7	15.7	2			852.57	838.87	836.87
B-2019	15.7	20.7	3	5	100	852.57	836.87	831.87
B-2019	20.7	25.7	4	5	100	852.57	831.87	826.87
B-2019	25.7	30.7	5	5	100	852.57	826.87	821.87
B-2019	30.7	35.7	6	5	100	852.57	821.87	816.87
B-2019	35.7	40.7	7	5	100	852.57	816.87	811.87
B-2019	40.7	45.7	8	5	100	852.57	811.87	806.87
B-2019	45.7	50.7	9	5	100	852.57	806.87	801.87
B-2020	11.5	15	1	3.5	100	832.25	820.75	817.25
B-2020	15	20	2	5	100	832.25	817.25	812.25
B-2020	20	25	3	5	100	832.25	812.25	807.25
B-2020	25	30	4	5	100	832.25	807.25	802.25
B-2020	30	35	5	5	100	832.25	802.25	797.25
B-2021	8.7	10	1	1.3	100	849.56	840.86	839.56
B-2021	10	15	2	5	100	849.56	839.56	834.56
B-2021	15	20	3	5	100	849.56	834.56	829.56
B-2021	20	25	4	5	100	849.56	829.56	824.56
B-2021	25	30	5	5	100	849.56	824.56	819.56
B-2021	30	35	6			849.56	819.56	814.56
B-2021	35	40	7	5	100	849.56	814.56	809.56
B-2021	40	45	8	5	100	849.56	809.56	804.56
B-2021	45	50	9	5	100	849.56	804.56	799.56
B-2022	5	10	1	5	100	851.98	846.98	841.98
B-2022	10	15	2	5	100	851.98	841.98	836.98
B-2022	15	20	3	5	100	851.98	836.98	831.98

B-2022	20	25	4	5	100	851.98	831.98	826.98
B-2022	25	30	5	4.7	94	851.98	826.98	821.98
B-2022	30	35	6	5	100	851.98	821.98	816.98
B-2022	35	40	7	5	100	851.98	816.98	811.98
B-2022	40	45	8	5	100	851.98	811.98	806.98
B-2022	45	50	9	5	100	851.98	806.98	801.98
B-2023	9.5	10	1	0.2	40	843.55	834.05	833.55
B-2023	10	15	2	5	100	843.55	833.55	828.55
B-2023	15	20	3	5	100	843.55	828.55	823.55
B-2023	20	25	4	4.5	100	843.55	823.55	818.55
B-2023	25	30	5	5	100	843.55	818.55	813.55
B-2023	30	35	6	5.1	100	843.55	813.55	808.55
B-2023	35	40	7	5	100	843.55	808.55	803.55
B-2023	40	45	8	5	100	843.55	803.55	798.55
B-2024	9.4	12.3	1	1	96	838.15	828.75	825.85
B-2024	12.3	17.3	2	5	100	838.15	825.85	820.85
B-2024	17.3	22.3	3	5	100	838.15	820.85	815.85
B-2024	22.3	27.3	4	5	100	838.15	815.85	810.85
B-2024	27.3	32.3	5	5	100	838.15	810.85	805.85
B-2024	32.3	37.3	6	5	100	838.15	805.85	800.85
B-2024	37.3	42.3	7	4.8	100	838.15	800.85	795.85
B-2025	8.5	12	1	3.3	100	840.13	831.63	828.13
B-2025	12	17	2	3.8	90	840.13	828.13	823.13
B-2025	17	22	3	5.2	100	840.13	823.13	818.13
B-2025	22	27	4	5.2	100	840.13	818.13	813.13
B-2025	27	32	5	5	100	840.13	813.13	808.13
B-2025	32	37	6	5	100	840.13	808.13	803.13
B-2025	37	42	7	4.7	100	840.13	803.13	798.13
B-2026	10	15	1	4.8	84	833.49	823.49	818.49
B-2026	15	20	2	5	100	833.49	818.49	813.49
B-2026	20	25	3	5	96	833.49	813.49	808.49
B-2026	25	30	4	5.2	100	833.49	808.49	803.49
B-2026	30	35	5	5	96	833.49	803.49	798.49
B-2027	14	16	1	2.1	40	827.00	813.00	811.00
B-2027	16	21	2	4.2	100	827.00	811.00	806.00
B-2027	21	25	3	3.75	100	827.00	806.00	802.00
B-2027	25	26	4	0.95	100	827.00	802.00	801.00
B-2027	26	31	5	5	100	827.00	801.00	796.00
B-2029	15.5	20.5	1	4.8		843.58	828.08	823.08
B-2029	20.5	24	2	3.4		843.58	823.08	819.58
B-2029	24	29	3	5.4		843.58	819.58	814.58
B-2029	29	33.5	4	4.5		843.58	814.58	810.08
B-2029	33.5	38.5	5	4.3		843.58	810.08	805.08
B-2029	38.5	41.5	6	2.3		843.58	805.08	802.08
B-2029	41.5	46.5	7	4.5		843.58	802.08	797.08
B-2030	17.6	21.4	1	2.8	73	852.55	834.95	831.15
B-2030	21.4	25.4	2	4.7	94	852.55	831.15	827.15
B-2030	26.4	30.4	3	3.8	96	852.55	826.15	822.15
B-2030	30.4	31.4	4	1.1	100	852.55	822.15	821.15
B-2030	31.4	36.4	5	5.1	100	852.55	821.15	816.15
B-2030	36.4	41.4	6	4.9	98	852.55	816.15	811.15
B-2030	41.4	46.4	7	4.8	96	852.55	811.15	806.15
B-2030	46.4	51.4	8	5	100	852.55	806.15	801.15

B-2031	10.7	15	1	4.2	98	853.14	842.44	838.14
B-2031	15	20	2	5	100	853.14	838.14	833.14
B-2031	20	25	3	5	100	853.14	833.14	828.14
B-2031	25	30	4	4.9	98	853.14	828.14	823.14
B-2031	30	35	5	5.1	100	853.14	823.14	818.14
B-2031	35	40	6	5	100	853.14	818.14	813.14
B-2031	40	45	7	5	100	853.14	813.14	808.14
B-2031	45	50	8	5	100	853.14	808.14	803.14
B-2032	15	19	7	3.9	95	852.99	837.99	833.99
B-2032	19	24	8	4.6	74	852.99	833.99	828.99
B-2032	24	29	9	4.7	92	852.99	828.99	823.99
B-2032	29	34	10	5.2	82	852.99	823.99	818.99
B-2032	34	39	11	4.6	78	852.99	818.99	813.99
B-2032	39	45	12	4.7	94	852.99	813.99	807.99
B-2032	45	49	13	4.5	90	852.99	807.99	803.99
B-2032	49	54	14	4.8	100	852.99	803.99	798.99
B-2033	15.6	16	1	0.5	100	850.69	835.09	834.69
B-2033	16	21	2	5	100	850.69	834.69	829.69
B-2033	21	26	3	5	100	850.69	829.69	824.69
B-2033	26	31	4	4.5	90	850.69	824.69	819.69
B-2033	31	36	5	5	100	850.69	819.69	814.69
B-2033	36	41	6	5.2	100	850.69	814.69	809.69
B-2033	41	46	7	4.8	100	850.69	809.69	804.69
B-2033	46	51	8	5.1	100	850.69	804.69	799.69
B-2034	14	15.9	1	1.9	100	839.12	825.12	823.22
B-2034	15.9	20.9	2	4.9	98	839.12	823.22	818.22
B-2034	20.9	25.9	3	5.1	100	839.12	818.22	813.22
B-2034	25.9	30.9	4	4.8	96	839.12	813.22	808.22
B-2034	30.9	35.9	5	5	100	839.12	808.22	803.22
B-2034	35.9	40.9	6	5	100	839.12	803.22	798.22
B-2035	16.2	17.2	6	1	100	829.82	813.62	812.62
B-2035	17.2	22.2	7	5	100	829.82	812.62	807.62
B-2035	22.2	27.2	8	4.8	96	829.82	807.62	802.62
B-2035	27.2	32.2	9	4.7	94	829.82	802.62	797.62
B-2036	7	10	1	1		832.35	825.35	822.35
B-2036	10	15	2	4.5		832.35	822.35	817.35
B-2036	15	20	3	5.1		832.35	817.35	812.35
B-2036	20	25	4	5	100	832.35	812.35	807.35
B-2036	25	30	5	5	100	832.35	807.35	802.35
B-2036	30	35	6	5.2	100	832.35	802.35	797.35
B-2037	9.5	14.4	1	4.65	84	836.49	826.99	822.09
B-2037	14.4	17	2	2.6	100	836.49	822.09	819.49
B-2037	17	22	3	4.6	92	836.49	819.49	814.49
B-2037	22	28	4	4.8	96	836.49	814.49	808.49
B-2037	28	32	5	4.8	96	836.49	808.49	804.49
B-2037	32	37	6	5.1	100	836.49	804.49	799.49
B-2037	37	42	7	5.1	100	836.49	799.49	794.49
B-2038	10.2	11	1	0.8	0	836.95	826.75	825.95
B-2038	11	16	2	5	92	836.95	825.95	820.95
B-2038	16	21	3	4.8	90	836.95	820.95	815.95
B-2038	21	26	4	5	100	836.95	815.95	810.95
B-2038	26	31	5	5.1	100	836.95	810.95	805.95
B-2038	31	36	6	5	100	836.95	805.95	800.95

B-2039	7.5	11	1	3.4	98	833.49	825.99	822.49
B-2039	11	16	2	3.9	78	833.49	822.49	817.49
B-2039	16	21	3	4.7	96	833.49	817.49	812.49
B-2039	21	26	4	5.1	100	833.49	812.49	807.49
B-2039	26	31	5	5.1	100	833.49	807.49	802.49
B-2039	31	36	6	5	100	833.49	802.49	797.49
B-2040	9.8	10.5	1	4	100	835.14	825.34	824.64
B-2040	10.5	15.5	2	5	100	835.14	824.64	819.64
B-2040	15.5	20.5	3	5	100	835.14	819.64	814.64
B-2040	20.5	25.5	4	5	100	835.14	814.64	809.64
B-2040	25.5	30.5	5	5	100	835.14	809.64	804.64
B-2040	30.5	35.5	6	5	100	835.14	804.64	799.64
B-2040	35.5	40.5	7	5	100	835.14	799.64	794.64
B-2041	8	11.4	1	3.4	85	831.76	823.76	820.36
B-2041	11.4	16.4	2	5.1	100	831.76	820.36	815.36
B-2041	16.4	21.4	3	5.2	100	831.76	815.36	810.36
B-2041	21.4	26.4	4	5	100	831.76	810.36	805.36
B-2041	26.4	31.4	5	5	100	831.76	805.36	800.36
B-2041	31.4	36.4	6	5	100	831.76	800.36	795.36
B-2041-A	9	10	1	1.1	100	831.76	822.76	821.76
B-2041-A	10	15	2	4.95	99	831.76	821.76	816.76
B-2041-A	15	20	3	5	100	831.76	816.76	811.76
B-2041-A	20	25	4	5	100	831.76	811.76	806.76
B-2041-A	25	30	5	4.9	98	831.76	806.76	801.76
B-2041-A	30	35	6	5	100	831.76	801.76	796.76
B-2042	13.7	15	1	1.3	100	830.75	817.05	815.75
B-2042	15	20	2	5	100	830.75	815.75	810.75
B-2042	20	25	3	4.8	96	830.75	810.75	805.75
B-2042	25	30	4	5.2	100	830.75	805.75	800.75
B-2042-A	14	15	7	1	100	830.75	816.75	815.75
B-2042-A	15	20	8	5.2	100	830.75	815.75	810.75
B-2042-A	20	25	9	5	100	830.75	810.75	805.75
B-2042-A	25	30	10	5	100	830.75	805.75	800.75
B-2043	7	10	1	2	100	851.71	844.71	841.71
B-2043	10	15	2	5.1	100	851.71	841.71	836.71
B-2043	15	20	3		100	851.71	836.71	831.71
B-2043	20	25	4	5.1	60	851.71	831.71	826.71
B-2043	25	30	5		100	851.71	826.71	821.71
B-2043	30	35	6	5.2	100	851.71	821.71	816.71
B-2043	35	40	7		100	851.71	816.71	811.71
B-2043	40	45	8	5.1	100	851.71	811.71	806.71
B-2043	45	50	9		100	851.71	806.71	801.71
B-2043	50	55	10		100	851.71	801.71	796.71
B-2044	16.8	21	1	4.2	100	843.46	826.66	822.46
B-2044	21	26	2	5	100	843.46	822.46	817.46
B-2044	26	31.2	3			843.46	817.46	812.26
B-2044	31.2	36.2	4	5	100	843.46	812.26	807.26
B-2044	36.2	41.2	5	5	100	843.46	807.26	802.26
B-2045	3.7	5	3	1.3	100	832.33	828.63	827.33
B-2045	5	10	4	4.9	98	832.33	827.33	822.33
B-2045	10	15	5	4.9	98	832.33	822.33	817.33
B-2045	15	20	6	5	100	832.33	817.33	812.33
B-2045	20	25	7	5.2	100	832.33	812.33	807.33

B-2045	25	30	8	5	100	832.33	807.33	802.33
B-2046	11	14.5	1	3.1	100	828.07	817.07	813.57
B-2046	14.5	19.5	2	4.9	98	828.07	813.57	808.57
B-2046	19.5	24.5	3	4.6	92	828.07	808.57	803.57
B-2046	24.5	29.5	4	4.4	88	828.07	803.57	798.57
B-2048	18.4	21.2	1	2.8	93	844.18	825.78	822.98
B-2048	21.2	26.2	2	5	100	844.18	822.98	817.98
B-2048	26.2	31.2	3	5	100	844.18	817.98	812.98
B-2048	31.2	36.2	4	5	100	844.18	812.98	807.98
B-2048	36.2	41.2	5	5	100	844.18	807.98	802.98
B-2049	11	16	5	4.9	98	839.66	828.66	823.66
B-2049	16	21	6	5	100	839.66	823.66	818.66
B-2049	21	26	7	5	100	839.66	818.66	813.66
B-2049	26	31	8	4.9	98	839.66	813.66	808.66
B-2049	31	36	9	4.9	98	839.66	808.66	803.66
B-2050	15	15.5	7	0.5	100	827.85	812.85	812.35
B-2050	15.5	20.5	8	5	100	827.85	812.35	807.35
B-2050	20.5	25.5	9	5	100	827.85	807.35	802.35
B-2050	25.5	30.5	10	5	100	827.85	802.35	797.35
B-2051	5.7	9.4	1	3.5	68	809.97	804.27	800.57
B-2052	7.5	10	4	2	80	846.57	839.07	836.57
B-2052	10	15	5	4	80	846.57	836.57	831.57
B-2052	15	20	6	5	100	846.57	831.57	826.57
B-2052	20	25	7	4.4	88	846.57	826.57	821.57
B-2052	25	30	8	5	100	846.57	821.57	816.57
B-2052	30	35	9	4.6	92	846.57	816.57	811.57
B-2052	35	40	10	5.1	100	846.57	811.57	806.57
B-2052	40	45	11	4.9	100	846.57	806.57	801.57
B-2053	9.5	10	5	0.5	100	839.10	829.60	829.10
B-2053	10	15	6	4.7	94	839.10	829.10	824.10
B-2053	15	20	7	5	100	839.10	824.10	819.10
B-2053	20	25	8	5	100	839.10	819.10	814.10
B-2053	25	30	9	5	100	839.10	814.10	809.10
B-2053	30	35	10	5	100	839.10	809.10	804.10
B-2053	35	40	11	5	100	839.10	804.10	799.10
B-2054	5	6	1	1	100	834.54	829.54	828.54
B-2054	6	11	2	5	92	834.54	828.54	823.54
B-2054	11	16	3	3.1	62	834.54	823.54	818.54
B-2054	16	21	4	5	100	834.54	818.54	813.54
B-2054	21	26	5	3.3	66	834.54	813.54	808.54
B-2054	26	31	6	5	100	834.54	808.54	803.54
B-2054	31	36	7	5	100	834.54	803.54	798.54
B-2055	5.3	8.3	1	2.7	90	815.25	809.95	806.95
B-2055	8.3	13.3	2	3.6	72	815.25	806.95	801.95
B-2055	13.3	18.3	3	4.9	98	815.25	801.95	796.95
B-2056	5	5.6	1	0.5	83	852.34	847.34	846.74
B-2056	5.6	10.6	2	4.7	100	852.34	846.74	841.74
B-2056	10.6	15.6	3	5	90	852.34	841.74	836.74
B-2056	15.6	20.6	4	4.4	96	852.34	836.74	831.74
B-2056	20.6	25.6	5	5.2	100	852.34	831.74	826.74
B-2056	25.6	30.6	6	4.9	100	852.34	826.74	821.74
B-2056	30.6	35.6	7	5.1	100	852.34	821.74	816.74
B-2056	35.6	40.6	8	4.8	96	852.34	816.74	811.74

B-2057	7.5	10	3	2	80	831.71	824.21	821.71
B-2057	10	15	4	4	80	831.71	821.71	816.71
B-2057	15	20	5	4.9	98	831.71	816.71	811.71
B-2057	20	25	6	5	100	831.71	811.71	806.71
B-2057	25	30	7	5.2	100	831.71	806.71	801.71
B-2058	10	15	5	5	100	853.67	843.67	838.67
B-2058	15	20	6	5.1	100	853.67	838.67	833.67
B-2058	20	25	7	5	100	853.67	833.67	828.67
B-2058	25	30	8	5.2	100	853.67	828.67	823.67
B-2058	30	35	9	5.1	100	853.67	823.67	818.67
B-2058	35	40	10	5	100	853.67	818.67	813.67
B-2058	40	45	11	4.9	98	853.67	813.67	808.67
B-2058	45	50	12	5	100	853.67	808.67	803.67
B-2059	5	10	1	4.7	94	831.73	826.73	821.73
B-2059	10	15	2	4.7	94	831.73	821.73	816.73
B-2059	15	20	3	5	100	831.73	816.73	811.73
B-2059	20	25	4	5	94	831.73	811.73	806.73
B-2059	25	30	5	4.6	100	831.73	806.73	801.73
B-2059	30	35	6	5.1	100	831.73	801.73	796.73
B-2060	10	15	5	4.5	90	853.72	843.72	838.72
B-2060	15	20	6	5	100	853.72	838.72	833.72
B-2060	20	25	7	5	100	853.72	833.72	828.72
B-2060	25	30	8	4.7	94	853.72	828.72	823.72
B-2060	30	35	9	5	100	853.72	823.72	818.72
B-2060	35	40	10	5	100	853.72	818.72	813.72
B-2061	40	45	12	5	100	851.24	811.24	806.24
B-2061	45	50	13	5	100	851.24	806.24	801.24
B-2061	9	10	5	1	100	851.24	842.24	841.24
B-2061	10	15	6	4.2	84	851.24	841.24	836.24
B-2061	15	20	7	5	100	851.24	836.24	831.24
B-2061	20	25	8	5	100	851.24	831.24	826.24
B-2061	25	30	9	5	100	851.24	826.24	821.24
B-2061	30	35	10	5	100	851.24	821.24	816.24
B-2061	35	40	11	5	100	851.24	816.24	811.24
B-2062	7	11	1	4	67	831.34	824.34	820.34
B-2062	11	16	2	5.2	100	831.34	820.34	815.34
B-2062	16	21	3	4.8	100	831.34	815.34	810.34
B-2062	21	26	4	5	100	831.34	810.34	805.34
B-2062	26	31	5	5	100	831.34	805.34	800.34
B-2062	31	36	6	4.9	100	831.34	800.34	795.34
B-2063	16	20.5	6	4.6	100	828.15	812.15	807.65
B-2063	20.5	25.5	7	4.9	100	828.15	807.65	802.65
B-2063	25.5	30.5	8	5.1	100	828.15	802.65	797.65

CORE SAMPLES

vation

Point	RQD Percentage
B-1000	100.0
B-1001	95.0
B-1002	98.4
B-1003	89.9
B-1003 offset	98.7
B-1004	94.7
B-1005	97.8
B-1006	94.0
B-1007	96.6
B-1008	80.1
B-1009	97.9
B-1010	93.8
B-1011	90.4
B-1012	76.9
B-1013	98.9
B-1014	96.0
B-1015	99.6
B-1016	100.0
B-1017	99.9
B-1018	89.0
B-1019	95.7
B-1020	93.9
B-1021	97.0
B-1022	95.7
B-1023	96.8
B-1024	99.2
B-1025	98.9
B-1026	92.1
B-1027	90.9
B-1028	87.0
B-1029	86.3
B-1030	98.2
B-1031	98.1
B-1032	98.0
B-1033	86.9
B-1034	95.4
B-1035	92.4
B-1036	97.7
B-1037	98.1
B-1038	94.5
B-1039	98.8
B-1040	97.7
B-1041	98.9
B-1042	98.0
B-1043	88.0
B-1044	94.0
B-1045	88.0
B-1047	97.6
B-1048	100.0
B-1049	100.0
B-1050	37.0

B-1051	90.4
B-1052	97.3
B-1053	84.5
B-1054	100.0
B-1055	80.5
B-1056	96.5
B-1057	100.0
B-1058	64.3
B-1059	99.4
B-1060	100.0
B-1061	97.1
B-1062	96.1
B-1063	100.0
B-1064	91.4
B-2000	99.3
B-2001	99.1
B-2002	97.4
B-2003	89.7
B-2003 offset	98.9
B-2004	96.0
B-2005	100.0
B-2006	100.0
B-2007	86.9
B-2008	87.3
B-2009	95.8
B-2010	97.5
B-2011	99.7
B-2012	94.4
B-2013	95.3
B-2014	98.6
B-2015	100.0
B-2016	100.0
B-2017	96.0
B-2018	100.0
B-2019	100.0
B-2020	100.0
B-2021	100.0
B-2022	99.3
B-2023	92.5
B-2024	99.4
B-2025	98.6
B-2026	95.2
B-2027	88.0
B-2029	#DIV/0!
B-2030	94.6
B-2031	99.5
B-2032	88.1
B-2033	98.8
B-2034	99.0
B-2035	97.5
B-2036	100.0
B-2037	95.4
B-2038	96.4

B-2039	95.3
B-2040	100.0
B-2041	97.5
B-2042	99.0
B-2043	95.6
B-2044	100.0
B-2045	99.3
B-2046	94.5
B-2048	98.6
B-2049	99.0
B-2050	100.0
B-2051	68.0
B-2052	92.5
B-2053	99.1
B-2054	88.6
B-2055	86.7
B-2056	95.6
B-2057	91.6
B-2058	99.7
B-2059	97.0
B-2060	97.3
B-2061	98.2
B-2062	94.5
B-2063	100.0

Layer B1

PointID	Depth	Bottom	Run Number	Recovery	RQD	Elevation	Beginning E	Ending Elev
B-1000	50	55	13	5	100	851.008	801.008	796.008
B-1001	40.4	45.4	7	5	100	842.384	801.984	796.984
B-1001	45.4	50.4	8	5	100	842.384	796.984	791.984
B-1002	42.2	47.2	8	4.7	94	844.66	802.46	797.46
B-1002	47.2	52.2	9	5	100	844.66	797.46	792.46
B-1003	61.5	66.5	11	5	100	861.69	800.19	795.19
B-1003 offs	57.5	62.5	16	5	100	861.77	804.27	799.27
B-1003 offs	62.5	67.5	17	5	100	861.77	799.27	794.27
B-1004	57.5	62.5	10	4.9	98	859.70	802.20	797.20
B-1004	62.5	67.5	11	4.9	94	859.70	797.20	792.20
B-1005	55	60	16	4.8	96	857.02	802.02	797.02
B-1005	60	65	17	5.2	100	857.02	797.02	792.02
B-1006	47.2	52.2	9	4.6	92	847.72	792.02	795.52
B-1006	52.2	57.2	10	4.9	98	847.72	795.52	790.52
B-1007	42.3	47.3	8	4	80	843.62	801.32	796.32
B-1008	43.2	48.2	8	4.7	48	847.56	804.36	799.36
B-1008	48.2	53.2	9	4.7	42	847.56	799.36	794.36
B-1009-I	55.6	60.6	9	5	100	857.20	801.60	796.60
B-1009-I	60.6	65.6	10	5.1	100	857.20	796.60	791.60
B-1010	60	65	10	4	80	861.44	801.44	796.44
B-1010	65	70	11	5.1	100	861.44	796.44	791.44
B-1011-I	55.6	60.6	11	4.9	98	854.71	799.11	794.11
B-1012	49	54	10	4.6	92	844.04	795.04	790.04
B-1013	62	67	14	5	100	863.53	801.53	796.53
B-1013	67	72	15	4.3	86	863.53	796.53	791.53
B-1014	51	56	9	4.6	92	851.20	800.20	795.20
B-1014	56	61	10	4.75	95	851.20	795.20	790.20
B-1015	56	59	10	3	100	858.09	804.09	799.09
B-1015	59	64	11	5	100	858.09	799.09	794.09
B-1015	64	66	12	2	95	858.09	794.09	792.09
B-1016	65.8	70.7	11	4.9	100	865.59	799.79	794.89
B-1017	61.6	66.1	11	4.5	100	866.37	804.77	800.27
B-1017	66.1	71.5	12	5.4	100	866.37	800.27	794.87
B-1018	47.4	52.4	10	4.4	88	846.36	798.96	793.96
B-1019	50	55	10	4.8	96	852.22	802.22	797.22
B-1019	55	60	11	5	100	852.22	797.22	792.22
B-1020	62.4	67.4	10	5	100	861.94	792.22	794.54
B-1021	47	52	14	5	100	845.18	798.18	793.18
B-1022	61	66	10	4.9	98	863.48	802.48	797.48
B-1022	66	71	11	4.9	98	863.48	797.48	792.48
B-1023	65.5	70.5	11	5	100	865.68	800.18	795.18
B-1024	60	65	10	5	100	861.65	801.65	796.65
B-1025	61	66	10	4.5	90	861.52	796.65	795.52
B-1026	61	66	15	4.55	91	865.13	804.13	799.13
B-1026	66	71	16	4.8	96	865.13	799.13	794.13
B-1027	60.5	65.5	12	5	100	863.62	803.12	798.12
B-1027	61	66	18	5	100	863.62	798.12	797.62
B-1028	40.5	45.5	7	5	60	842.06	801.56	796.56
B-1028	45.5	47.5	8	2	100	842.06	796.56	794.56
B-1028	47.5	50.5	9	2.4	63	842.06	794.56	791.56
B-1029	48	52.8	10	5	100	846.88	799.08	794.08

B-1029	52.8	57.6	11	5	100	846.88	794.08	789.28
B-1030	62.4	62.9	17	5	100	858.58	789.28	795.68
B-1031	60.5	65.5	10	3.8	76	864.21	803.71	798.71
B-1031	65.5	70.5	11	4.8	96	864.21	798.71	793.71
B-1032	66.5	71.5	18	4.9	98	867.32	800.82	795.82
B-1033	66.2	71.2	13	4.2	90	866.92	800.72	795.72
B-1033	71.2	76.2	14	5.3	100	866.92	795.72	790.72
B-1034	52	57	14	5	100	858.46	806.46	801.46
B-1034	57	62	15	4.9	98	858.46	801.46	796.46
B-1035	52	57	13	4.9	98	856.11	804.11	799.11
B-1035	57	62	14	5	100	856.11	799.11	794.11
B-1036	55	60	10	4.1	100	858.65	803.65	798.65
B-1036	60	64	11	5	100	858.65	798.65	794.65
B-1036	64	65	12	1.3	100	858.65	794.65	793.65
B-1037	51.3	56.3	9	4.9	98	852.84	801.54	796.54
B-1037	56.3	61.3	10	5	100	852.84	796.54	791.54
B-1038	40	45	13	5.1	100	843.53	803.53	798.53
B-1038	45	50	14	4.7	94	843.53	798.53	793.53
B-1039	46	51	9	5	100	847.10	801.10	796.10
B-1039	51	56	10	4.8	96	847.10	796.10	791.10
B-1040	45.5	50.5	9	4.6	92	847.04	801.54	796.54
B-1040	50.5	55.5	10	5	100	847.04	796.54	791.54
B-1041	44.8	49.8	8	5.1	100	845.30	800.50	795.50
B-1041	49.8	54.8	9	5	100	845.30	795.50	790.50
B-1042	46	51	8	5.1	100	846.41	800.41	795.41
B-1043	21.8	26.8	5	4.6	92	824.51	802.71	797.71
B-1043	26.8	31.8	6	5.2	100	824.51	797.71	792.71
B-1044	35.7	40.7	4	4.8	96	838.21	802.51	797.51
B-1044	40.7	45.7	5	4.9	98	838.21	797.51	792.51
B-1045	35.8	40.8	5	5	92	838.17	802.37	797.37
B-1045	40.8	45.8	6	4.7	94	838.17	797.37	792.37
B-1046	50	55	1	2.1	42	837.25	787.25	782.25
B-1047	32.7	37.7	6	4.78	94	831.11	798.41	793.41
B-1048	36.5	41.5	8	5.1	100	835.78	799.28	794.28
B-1049	40	45	14	4.4	88	840.41	800.41	795.41
B-1050	45	50	17	4.8	96	838.50	795.41	788.50
B-1051	40	45	12	4.6	92	842.69	802.69	797.69
B-1051	45	50	13	4.5	86	842.69	797.69	792.69
B-1052	45	50	8	5	100	842.51	797.51	792.51
B-1053	41.5	46.5	8	4	80	841.35	799.85	794.85
B-1053	46.5	51.5	9	5	100	841.35	794.85	789.85
B-1054	40.5	45.5	17	4.8	100	839.66	799.16	794.16
B-1056	41	46	12	4.5	90	843.03	802.03	797.03
B-1056	46	51	13	5	100	843.03	797.03	792.03
B-1058	46	51	12	4.7	94	845.22	799.22	794.22
B-1062	45.6	50.8	13	4.4	88	848.38	802.37	797.58
B-1063	35	40	14	5.2	100	837.16	797.58	797.16
B-1064	35.5	40.5	12	5.1	100	839.05	803.55	798.55
B-1064	40.5	45.5	13	5	100	839.05	798.55	793.55
B-2000	47.6	52.6	7	4.9	98	844.03	796.43	791.43
B-2001	41	46	8	4.8	96	837.89	796.89	791.89
B-2002	42	47	8	4.7	94	837.21	795.21	790.21
B-2003	43	48	7	4.8	96	840.99	797.99	792.99

B-2003	48	53	8	4.9	98	840.99	792.99	787.99
B-2003 offs	45	50	8	5	100	841.14	796.14	791.14
B-2004	51	56	10	4.7	94	850.53	799.53	794.53
B-2005	51	56	10	5	100	848.72	797.72	792.72
B-2006	46	51	14	5.1	100	844.99	798.99	793.99
B-2007	45	50	8	5.1	100	841.23	796.23	791.23
B-2008	45	50	10	5	100	840.62	795.62	790.62
B-2009-I	45.7	50.7	7	5	100	842.97	797.27	792.27
B-2009-I	50.7	55.7	8	5	100	842.97	792.27	787.27
B-2010	48.4	53.4	9	5	100	846.41	798.01	793.01
B-2010	53.4	58.4	10	5	100	846.41	793.01	788.01
B-2011-I	50.6	55.6	8	5.1	100	847.08	796.48	791.48
B-2012	47	52	9	3.6	100	847.19	800.19	795.19
B-2012	52	57	10	4.8	100	847.19	795.19	790.19
B-2013	45.5	50.5	10	5	100	846.96	801.46	796.46
B-2013	50.5	55.5	11	5	100	846.96	796.46	791.46
B-2014	40	45	8	4.3	86	839.41	799.41	794.41
B-2014	45	50	9	5	100	839.41	794.41	789.41
B-2015	45	50	9	5	100	846.68	801.68	796.68
B-2015	50	55	10	4.9	98	846.68	796.68	791.68
B-2016	43.2	48.2	8	5	100	841.04	797.84	792.84
B-2017	45	50	7	4.9	98	845.37	800.37	795.37
B-2017	50	55	8	4.9	98	845.37	795.37	790.37
B-2018-OF	46.1	51	8	5	100	849.07	802.97	798.07
B-2018-OF	51	55.95	9	4.95	100	849.07	798.07	793.12
B-2019	50.7	55.7	10	5	100	852.57	801.87	796.87
B-2019	55.7	60.7	11	5	100	852.57	796.87	791.87
B-2020	35	40	6	5	100	832.25	797.25	792.25
B-2021	50	55	10	5	100	849.56	799.56	794.56
B-2022	50	55	10	5	100	851.98	801.98	796.98
B-2022	55	60	11	5	100	851.98	796.98	791.98
B-2023	45	50	9	4.2	84	843.55	798.55	793.55
B-2023	50	55	10	5	100	843.55	793.55	788.55
B-2024	42.3	47.3	8	5	100	838.15	795.85	790.85
B-2025	42	47	8	4.8	100	840.13	798.13	793.13
B-2026	35	40	6	5	100	833.49	798.49	793.49
B-2026	40	45	7	5	100	833.49	793.49	788.49
B-2027	31	36	6	4.7	100	827.00	796.00	791.00
B-2029	46.5	51.5	8	5	100	843.58	797.08	792.08
B-2030	51.4	56.4	9	4.7	94	852.55	801.15	796.15
B-2030	56.4	61.4	10	4.6	92	852.55	796.15	791.15
B-2031	50	55	9	5	100	853.14	803.14	798.14
B-2031	55	60	10	5	100	853.14	798.14	793.14
B-2032	54	59	15	4.4	88	852.99	798.99	793.99
B-2033	51	56	9	2.7	92	850.69	799.69	794.69
B-2033	56	58.5	10	4.5	100	850.69	794.69	792.19
B-2034	40.9	45.9	7	4.9	98	839.12	798.22	793.22
B-2034	45.9	50.9	8	4.8	96	839.12	793.22	788.22
B-2035	32.2	37	10	4.8	100	829.82	797.62	792.82
B-2035	37	42	11	5	100	829.82	792.82	787.82
B-2036	35	40	7	3	81	832.35	797.35	792.35
B-2036	40	43	8	3.9	100	832.35	792.35	789.35
B-2036	43	45	9	2.1	100	832.35	789.35	787.35

B-2037	42	47	8	5.1	100	836.49	794.49	789.49
B-2038	36	41	7	4.8	100	836.95	800.95	795.95
B-2038	41	46	8	4	80	836.95	795.95	790.95
B-2039	36	41	7	4.4	88	833.49	797.49	792.49
B-2039	41	46	8	5.2	100	833.49	792.49	787.49
B-2040	40.5	45.5	8	5	100	835.14	794.64	789.64
B-2041	36.4	41.4	7	4.92	99	831.76	795.36	790.36
B-2041-A	35	40	7	5.1	100	831.76	796.76	791.76
B-2042	30	35	5	5.1	100	830.75	800.75	795.75
B-2042	35	40	6	4.8	96	830.75	795.75	790.75
B-2042-A	30	35	11	5	100	830.75	800.75	795.75
B-2042-A	35	40	12	5	100	830.75	795.75	790.75
B-2044	41.2	46.2	6	4.9	98	843.46	802.26	797.26
B-2044	46.2	51.2	7	5	100	843.46	797.26	792.26
B-2045	30	35	9	4.8	96	832.33	802.33	797.33
B-2045	35	40	10	5.2	100	832.33	797.33	792.33
B-2046	29.5	34.5	5	5.2	100	828.07	798.57	793.57
B-2048	41.2	46.2	6	5	100	844.18	802.98	797.98
B-2048	46.2	51.2	7	5	100	844.18	797.98	792.98
B-2049	36	41	10	5.2	100	839.66	803.66	798.66
B-2049	41	46	11	5	100	839.66	798.66	793.66
B-2050	30.5	35.5	11	5	100	827.85	797.35	792.35
B-2051	9.4	14.4	2	4.8	96	809.97	800.57	795.57
B-2051	14.4	19.4	3	4.1	98	809.97	795.57	790.57
B-2052	45	50	12	5	100	846.57	801.57	796.57
B-2052	50	55	13	5.2	100	846.57	796.57	791.57
B-2053	40	45	12	4.5	90	839.10	799.10	794.10
B-2054	36	41	8	3.7	74	834.54	798.54	793.54
B-2055	18.3	23.3	4	4.7	94	815.25	796.95	791.95
B-2056	40.6	45.6	9	4.5	90	852.34	811.74	806.74
B-2056	45.6	50.6	10	4.9	98	852.34	806.74	801.74
B-2057	30	35	8	5	100	831.71	801.71	796.71
B-2057	35	40	9	5.1	100	831.71	796.71	791.71
B-2059	35	40	7	5.2	100	831.73	796.73	791.73
B-2060	40	45	11	5	100	853.72	813.72	808.72
B-2060	45	50	12	5	100	853.72	808.72	803.72
B-2062	36	41	7	5.1	100	831.34	795.34	790.34
B-2063	30.5	35.5	9	4.9	98	828.15	797.65	792.65
B-2063	35.5	40.5	10	4.5	90	828.15	792.65	787.65

CORE SAMPLES

vation

Point	RQD average
B-1000	100.0
B-1001	100.0
B-1002	97.0
B-1003	100.0
B-1003 offset	100.0
B-1004	96.0
B-1005	98.0
B-1006	95.0
B-1007	80.0
B-1008	45.0
B-1009-I	100.0
B-1021	100.0
B-1011-I	98.0
B-1012	92.0
B-1013	93.0
B-1014	93.5
B-1015	98.3
B-1016	100.0
B-1017	100.0
B-1018	88.0
B-1019	96.0
B-1020	100.0
B-1021	100.0
B-1022	98.0
B-1023	100.0
B-1024	100.0
B-1025	90.0
B-1026	91.0
B-1027	100.0
B-1028	74.3
B-1029	100.0
B-1030	100.0
B-1031	86.0
B-1032	98.0
B-1033	95.0
B-1034	99.0
B-1035	99.0
B-1036	100.0
B-1037	99.0
B-1038	97.0
B-1039	98.0
B-1040	96.0
B-1041	100.0
B-1042	100.0
B-1043	96.0
B-1044	95.0
B-1045	93.0
B-1046	42.0
B-1047	94.0
B-1048	100.0
B-1049	88.0

B-1050	96.0
B-1051	89.0
B-1052	100.0
B-1053	90.0
B-1054	100.0
B-1056	95.0
B-1058	94.0
B-1062	88.0
B-1063	100.0
B-1064	100.0
B-2000	98.0
B-2001	96.0
B-2002	94.0
B-2003	97.0
B-2003 offset	100.0
B-2004	94.0
B-2005	100.0
B-2006	100.0
B-2007	100.0
B-2008	100.0
B-2009-I	100.0
B-2010	100.0
B-2011-I	100.0
B-2012	100.0
B-2014	93.0
B-2015	99.0
B-2016	100.0
B-2017	98.0
B-2018 offset	100.0
B-2019	100.0
B-2020	100.0
B-2021	100.0
B-2022	100.0
B-2023	92.0
B-2024	100.0
B-2025	100.0
B-2026	100.0
B-2027	100.0
B-2029	100.0
B-2030	93.0
B-2031	100.0
B-2032	88.0
B-2033	96.0
B-2034	97.0
B-2035	100.0
B-2036	93.7
B-2037	100.0
B-2038	90.0
B-2039	94.0
B-2040	100.0
B-2041	99.0
B-2041-A	100.0
B-2042	98.0

B-2042-A	100.0
B-2044	99.0
B-2045	98.0
B-2046	100.0
B-2048	100.0
B-2049	100.0
B-2050	100.0
B-2051	97.0
B-2052	100.0
B-2053	94.0
B-2054	74.0
B-2055	94.0
B-2056	94.0
B-2057	100.0
B-2059	100.0
B-2060	100.0
B-2062	100.0
B-2063	94.0

Layer B2

PointID	Depth	Bottom	Run Number	Recovery	RQD	Elevation	Beginning E	Ending Elev
B-1000	55	60	14	5	100	851.008	796.008	791.008
B-1000	60	65	15	5.1	100	851.008	791.008	786.008
B-1000	65	70	16	5.2	100	851.008	786.008	781.008
B-1001	50.4	55.4	9	5	100	842.384	791.984	786.984
B-1001	55.4	60.4	10	5	100	842.384	786.984	781.984
B-1002	52.2	57.2	10	5	100	844.66	781.98	787.46
B-1003	66.5	71.5	12	5	100	861.69	787.46	790.19
B-1003	71.5	76.5	13	5	100	861.69	790.19	785.19
B-1003 offs	67.5	72.5	18	5	100	861.77	794.27	789.27
B-1003 offs	72.5	77.5	19	5	100	861.77	789.27	784.27
B-1004	67.5	72.5	12	4.5	90	859.70	792.20	787.20
B-1005	65	70	18	4.8	96	857.02	792.02	787.02
B-1005	70	75	19	4.6	92	857.02	787.02	782.02
B-1006	57.2	62.2	11	4	80	847.72	790.52	785.52
B-1007	47.3	52.7	9	5.3	100	843.62	796.32	790.92
B-1007	52.7	56.7	10	4.4	88	843.62	790.92	786.92
B-1008	53.2	58.2	10	5.2	32	847.56	794.36	789.36
B-1008	58.2	63.2	11	3.9	78	847.56	789.36	784.36
B-1009-I	65.6	70.6	11	4.9	98	857.20	791.60	786.60
B-1010	70	75	12	4.9	98	861.44	791.44	786.44
B-1011-I	60.6	65.6	12	5	100	854.71	794.11	789.11
B-1011-I	65.6	70.6	13	4.85	97	854.71	789.11	784.11
B-1012	49	54	10	4.6	92	844.04	795.04	790.04
B-1012	54	59	11	4.1	82	844.04	790.04	785.04
B-1013	72	77	16	5	100	863.53	791.53	786.53
B-1014	61	66	11	4.9	98	851.20	790.20	785.20
B-1015	66	71	13	5.1	100	858.09	792.09	787.09
B-1016	70.7	75.7	12	5	100	865.59	794.89	789.89
B-1016	75.7	80.7	13	5	100	865.59	789.89	784.89
B-1017	71.5	76.3	13	4.8	100	866.37	794.87	790.07
B-1018	52.4	57.4	11	5	100	846.36	793.96	788.96
B-1018	57.4	62.4	12	4.2	84	846.36	788.96	783.96
B-1019	60	65	12	4.9	100	852.22	792.22	787.22
B-1019	65	70	13	4.8	100	852.22	787.22	782.22
B-1020	67.4	72.4	11	4.9	98	861.94	794.54	789.54
B-1020	72.4	77.4	12	4.6	92	861.94	789.54	784.54
B-1021	52	57	15	5	100	845.18	793.18	788.18
B-1021	57	62	16	5	100	845.18	788.18	783.18
B-1022	71	76	12	5	100	863.48	792.48	787.48
B-1023	70.5	75.5	12	5	90	865.68	795.18	790.18
B-1023	75.5	80.5	13	5	100	865.68	790.18	785.18
B-1024	65	70	11	4.9	98	861.65	796.65	791.65
B-1024	70	75	12	4.9	100	861.65	791.65	786.65
B-1025	66	71	11	4.8	96	861.52	795.52	790.52
B-1025	71	76	12	4.8	96	861.52	790.52	785.52
B-1026	71	76	17	5.3	100	865.13	794.13	789.13
B-1027	65.5	70.5	13	5.1	91	863.62	798.12	793.12
B-1027	66	71	19	4.95	99	863.62	793.12	792.62
B-1027	70.5	75.5	14	5	88	863.62	793.12	788.12
B-1027	71	76	20	4.9	98	863.62	788.12	787.62
B-1028	50.5	55.5	10	4.7	94	842.06	791.56	786.56

B-1029	57.6	62.8	12	5	100	846.88	789.08	784.08
B-1030	68.8	69.3	18	5	100	858.58	789.78	789.28
B-1030	72.4	72.9	19	4	80	858.58	789.28	785.68
B-1031	70.5	75.5	12	4.8	96	864.21	793.71	788.71
B-1032	71.5	76.5	19	4.9	98	867.32	795.82	790.82
B-1032	76.5	81.5	20	4.7	94	867.32	790.82	785.82
B-1034	62	66.7	16	4.6	98	858.46	796.46	791.76
B-1034	66.7	72	17	4.8	92	858.46	791.76	786.46
B-1035	62	67	15	5	100	856.11	794.11	789.11
B-1036	65	70	13	4.7	100	858.65	793.65	788.65
B-1037	61.3	66.3	11	5	100	852.84	791.54	786.54
B-1038	50	55	15	5	100	843.53	793.53	788.53
B-1038	55	60	16	5	100	843.53	788.53	783.53
B-1039	56	61	11	4.1	82	847.10	791.10	786.10
B-1040	55.5	60.5	11	4.6	92	847.04	791.54	786.54
B-1040	60.5	65.5	12	5	100	847.04	786.54	781.54
B-1041	54.8	59.8	10	5	100	845.30	790.50	785.50
B-1041	59.8	64.8	11	5.1		845.30	785.50	780.50
B-1042	51	56	9	4.8	98	846.41	795.41	790.41
B-1042	56	61	10	5	100	846.41	790.41	785.41
B-1043	31.8	36.8	7	5.1	100	824.51	792.71	787.71
B-1044	45.7	50.7	6	5.1	100	838.21	792.51	787.51
B-1045	45.8	50.8	7	5.4	100	838.17	792.37	787.37
B-1047	37.7	42.7	7	5	100	831.11	793.41	788.41
B-1047	42.7	47.7	8	5	100	831.11	788.41	783.41
B-1048	41.5	46.5	9	4.8	96	835.78	794.28	789.28
B-1048	46.5	51.5	10	5.1	100	835.78	789.28	784.28
B-1049	45	50	15	5.2	100	840.41	795.41	790.41
B-1049	50	55	16	5.1	100	840.41	790.41	785.41
B-1050	45	50	17	4.8	96	838.50	793.50	788.50
B-1050	50	55	18	4.9	98	838.50	788.50	783.50
B-1051	50	55	14	3	60	842.69	792.69	787.69
B-1051	55	60	15	4.5	90	842.69	787.69	782.69
B-1052	50	55	9	3.4	68	842.51	792.51	787.51
B-1052	55	60	10	3.8	76	842.51	787.51	782.51
B-1053	51.5	56.5	10	4.9	98	841.35	789.85	784.85
B-1053	56.5	61.5	11	5	100	841.35	784.85	779.85
B-1054	45.5	50.5	18	5.1	100	839.66	794.16	789.16
B-1054	50.5	55.5	19	5	100	839.66	789.16	784.16
B-1063	40	45	15	5	100	837.16	797.16	792.16
B-1063	45	50	16	5.1	100	837.16	792.16	787.16
B-1064	45.5	50.5	14	4.9	98	839.05	793.55	788.55
B-2000	52.6	57.6	8	5	100	844.03	791.43	786.43
B-2000	57.6	62.6	9	5	100	844.03	786.43	781.43
B-2001	46	51	9		100	837.89	791.89	786.89
B-2001	51	56	10	4.7	94	837.89	786.89	781.89
B-2002	47	52	9	5.2	100	837.21	790.21	785.21
B-2002	52	57	10	5	100	837.21	785.21	780.21
B-2003	53	58	9	4.9	98	840.99	787.99	782.99
B-2003 offs	50	55	9	5	100	841.14	791.14	786.14
B-2003 offs	55	60	10	5	92	841.14	786.14	781.14
B-2004	56	61	11	5	100	850.53	794.53	789.53
B-2004	61	66	12	5	100	850.53	789.53	784.53

B-2005	56	61	11	5	100	848.72	792.72	787.72
B-2005	61	66	12	4.9	98	848.72	787.72	782.72
B-2006	51	56	15	5	100	844.99	793.99	788.99
B-2006	56	61	16	5	100	844.99	788.99	783.99
B-2007	50	55	9	5	100	841.23	791.23	786.23
B-2007	55	60	10	5	100	841.23	786.23	781.23
B-2008	50	55	11	5.1	100	840.62	790.62	785.62
B-2008	55	60	12	4.9	98	840.62	785.62	780.62
B-2009-I	55.7	60.7	9	5	100	842.97	787.27	782.27
B-2010	58.4	63.4	11	5	100	846.41	788.01	783.01
B-2011-I	55.6	60.6	9	4.7	94	847.08	791.48	786.48
B-2012	57	62	11	5	100	847.19	790.19	785.19
B-2013	55.5	60.5	12	5	100	846.96	791.46	786.46
B-2014	50	55	10	5	100	839.41	789.41	784.41
B-2015	55	60	11	5	100	846.68	791.68	786.68
B-2016	48.2	53.2	9	5	100	841.04	792.84	787.84
B-2016	53.2	58.2	10	5	100	841.04	787.84	782.84
B-2017	55	60	9	5.2	100	845.37	790.37	785.37
B-2018-OF	55.95	61	10	5	100	849.07	793.12	788.07
B-2019	60.7	65.7	12	5	100	852.57	791.87	786.87
B-2020	40	45	7	5.2	100	832.25	792.25	787.25
B-2020	45	50	8	5	100	832.25	787.25	782.25
B-2021	55	60	11	5	100	849.56	794.56	789.56
B-2021	60	65	12	5	98	849.56	789.56	784.56
B-2022	60	65	12	5	100	851.98	791.98	786.98
B-2023	55	60	11	5	100	843.55	788.55	783.55
B-2024	47.3	52.3	9	5	100	838.15	790.85	785.85
B-2025	47	52	9	5.2	100	840.13	793.13	788.13
B-2025	52	57	10	4.6	100	840.13	788.13	783.13
B-2026	45	50	8	5	99.1	833.49	788.49	783.49
B-2027	36	41	7	5	100	827.00	791.00	786.00
B-2027	41	46	8	5.1	100	827.00	786.00	781.00
B-2029	51.5	56.5	9	4.6	100	843.58	792.08	787.08
B-2029	56.5	61.5	10	4.9	95	843.58	787.08	782.08
B-2030	61.4	66.4	11	5	100	852.55	791.15	786.15
B-2031	60	65	11	5	100	853.14	793.14	788.14
B-2031	65	70	12	4.9	98	853.14	788.14	783.14
B-2032	59	64	16	5.2	100	852.99	793.99	788.99
B-2032	64	69	17	3.5	70	852.99	788.99	783.99
B-2033	58.5	61	11	2.5	100	850.69	792.19	789.69
B-2033	61	66	12	4.8	100	850.69	789.69	784.69
B-2034	50.9	54.9	9	4.3	100	839.12	788.22	784.22
B-2034	54.9	55.9	10	0.9	100	839.12	784.22	783.22
B-2035	42	47	12	5.2	100	829.82	787.82	782.82
B-2036	45	50	10	5.1	86	832.35	787.35	782.35
B-2037	47	52	9	5.1	100	836.49	789.49	784.49
B-2037	52	57	10	5	100	836.49	784.49	779.49
B-2038	46	51	9	5.1	100	836.95	790.95	785.95
B-2039	46	51	9	4.2	82	833.49	787.49	782.49
B-2040	45.5	50.5	9	5	100	835.14	789.64	784.64
B-2040	50.5	55.5	10	5	100	835.14	784.64	779.64
B-2041	41.4	46.4	8	4.9	98	831.76	790.36	785.36
B-2041	46.4	51.4	9	4.95	99	831.76	785.36	780.36

B-2041-A	40	45	8	5.1	100	831.76	791.76	786.76
B-2041-A	45	50	9	4.9	100	831.76	786.76	781.76
B-2042	40	45	7	5.1	100	830.75	790.75	785.75
B-2042	45	50	8	5.2	100	830.75	785.75	780.75
B-2042-A	40	45	13	5	100	830.75	790.75	785.75
B-2042-A	45	50	14	5	100	830.75	785.75	780.75
B-2044	51.2	56.2	8	5	100	843.46	792.26	787.26
B-2044	56.2	61.2	9	5	100	843.46	787.26	782.26
B-2045	40	45	11	4.4	88	832.33	792.33	787.33
B-2046	34.5	39.5	6	5.1	100	828.07	793.57	788.57
B-2046	39.5	44.5	7	4.8	96	828.07	788.57	783.57
B-2047	5.5	8.3	1	1.3	43	793.70	788.20	785.40
B-2047	8.3	13.3	2	4.7	94	793.70	785.40	780.40
B-2048	51.2	56.2	8	5	100	844.18	792.98	787.98
B-2049	46	51	12	5	100	839.66	793.66	788.66
B-2049	51	56	13	5	100	839.66	788.66	783.66
B-2050	35.5	40.5	12	4.9	98	827.85	792.35	787.35
B-2050	40.5	45.5	13	5.1	100	827.85	787.35	782.35
B-2051	19.4	24.4	4	5.04	100	809.97	790.57	785.57
B-2051	24.4	29.4	5	5	100	809.97	785.57	780.57
B-2052	55	60	14	5	100	846.57	791.57	786.57
B-2053	45	50	13	5	100	839.10	794.10	789.10
B-2053	50	55	14	5	100	839.10	789.10	784.10
B-2054	41	46	9	5.2	100	834.54	793.54	788.54
B-2054	46	51	10	5	100	834.54	788.54	783.54
B-2055	23.3	28.3	5	5.2	100	815.25	791.95	786.95
B-2055	28.3	33.3	6	3.5	70	815.25	786.95	781.95
B-2057	40	45	10	5	100	831.71	791.71	786.71
B-2057	45	50	11	5.2	100	831.71	786.71	781.71
B-2059	40	45	8	1	100	831.73	791.73	786.73
B-2062	41	46	8	4.7	100	831.34	790.34	785.34
B-2062	46	51	9	5	100	831.34	785.34	780.34
B-2063	40.5	45.5	11	5.1	100	828.15	787.65	782.65

vation

Point	RQD Average
B-1000	100
B-1001	100
B-1002	100
B-1003	100
B-1003 offset	100
B-1004	90
B-1005	94
B-1006	80
B-1007	94
B-1008	55
B-1009-I	98
B-1010	98
B-1011-I	98.5
B-1012	87
B-1013	100
B-1014	98
B-1015	100
B-1016	100
B-1017	100
B-1018	92
B-1019	100
B-1020	95
B-1021	100
B-1022	100
B-1023	95
B-1024	99
B-1025	96
B-1026	100
B-1027	94
B-1028	94
B-1029	100
B-1030	90
B-1031	96
B-1032	96
B-1034	95
B-1035	100
B-1036	100
B-1037	100
B-1038	100
B-1039	82
B-1040	96
B-1041	100
B-1042	99
B-1043	100
B-1044	100
B-1045	100
B-1047	100
B-1048	98
B-1049	100
B-1050	97
B-1051	75

B-1052	72
B-1053	99
B-1054	100
B-1063	100
B-1064	98
B-2000	100
B-2001	97
B-2002	100
B-2003	98
B-2003offset	96
B-2004	100
B-2005	99
B-2006	100
B-2007	100
B-2008	99
B-2009-I	100
B-2010	100
B-2011-I	94
B-2012	100
B-2013	100
B-2014	100
B-2015	100
B-2016	100
B-2017	100
B-2018 Offset	100
B-2019	100
B-2020	100
B-2021	99
B-2022	100
B-2023	98
B-2024	96
B-2025	100
B-2026	99
B-2027	100
B-2029	97.5
B-2030	100
B-2031	99
B-2032	85
B-2033	100
B-2034	100
B-2035	100
B-2036	86
B-2037	100
B-2038	100
B-2039	82
B-2040	100
B-2041	98.5
B-2041-A	100
B-2042	100
B-2042-A	100
B-2044	100
B-2045	88
B-2046	98

B-2047	68.5
B-2048	100
B-2049	100
B-2050	99
B-2051	100
B-2052	100
B-2053	100
B-2054	100
B-2055	85
B-2057	100
B-2059	100
B-2062	100
B-2063	100

Layer C

PointID	Depth	Bottom	Run Number	Recovery	RQD	Elevation	Beginning E	Ending Elev
B-1000	65	70	16	5.2	100	851.008	786.008	781.008
B-1000	70	75	17	5	100	851.008	781.008	776.008
B-1000	75	80	18	5.1	100	851.008	776.008	771.008
B-1000	80	85	19	4.8	96	851.008	771.008	766.008
B-1000	85	90	20	5.2	100	851.008	766.008	761.008
B-1000	90	95	21	5	100	851.008	761.008	756.008
B-1000	95	100	22	5.2	100	851.008	756.008	751.008
B-1000	100	105	23	4.8	96	851.008	751.008	746.008
B-1000	105	110	24	4.9	98	851.008	746.008	741.008
B-1000	110	115	25	5	100	851.008	741.008	736.008
B-1000	115	120	26	5.1	100	851.008	736.008	731.008
B-1000	120	125	27	5.1	100	851.008	731.008	726.008
B-1000	125	130	28	5	100	851.008	726.008	721.008
B-1001	60.4	65.4	11	4.9	98	842.38	781.98	776.98
B-1001	65.4	70.4	12	5	100	842.38	776.98	771.98
B-1001	70.4	75.4	13	5	100	842.38	771.98	766.98
B-1001	75.4	80.4	14	5	100	842.38	766.98	761.98
B-1001	80.4	85.4	15	5	100	842.38	761.98	756.98
B-1001	85.4	90.4	16	4.9	98	842.38	756.98	751.98
B-1001	90.4	95.4	17	5	100	842.38	751.98	746.98
B-1001	95.4	100.4	18	5	100	842.38	746.98	741.98
B-1001	100.4	105.4	19	4.7	94	842.38	741.98	736.98
B-1001	105.4	110.4	20	5	100	842.38	736.98	731.98
B-1001	110.4	115.4	21	5	100	842.38	731.98	726.98
B-1001	115.4	120.4	22	4.8	96	842.38	726.98	721.98
B-1001	120.4	125.4	23	3.1	62	842.384	721.984	716.984
B-1002	62.2	67.2	12	5	100	844.663	782.463	777.463
B-1002	67.2	72.2	13	5	100	844.663	777.463	772.463
B-1002	72.2	77.2	14	5	100	844.663	772.463	767.463
B-1002	77.2	82.2	15	5	100	844.663	767.463	762.463
B-1002	82.2	87.2	16	5	100	844.663	762.463	757.463
B-1002	87.2	92.2	17	5	100	844.663	757.463	752.463
B-1002	92.2	97.2	18	5	100	844.663	752.463	747.463
B-1002	97.2	102.2	19	5	100	844.663	747.463	742.463
B-1002	102.2	107.2	20	5	100	844.663	742.463	737.463
B-1002	107.2	112.2	21	5	100	844.663	737.463	732.463
B-1002	112.2	117.2	22	5	100	844.663	732.463	727.463
B-1002	117.2	122.2	23	5	100	844.663	727.463	722.463
B-1002	122.2	127.2	24	5	100	844.663	722.463	717.463
B-1003	76.5	81.5	14	5	100	861.69	785.19	780.19
B-1003	81.5	86.5	15	5	100	861.69	780.19	775.19
B-1003	86.5	91.5	16	5	100	861.69	775.19	770.19
B-1003	91.5	96.5	17	5	100	861.69	770.19	765.19
B-1003	96.5	101.5	18	5	100	861.69	765.19	760.19
B-1003	101.5	106.5	19	5	100	861.69	760.19	755.19
B-1003	106.5	111.5	20	5	100	861.69	755.19	750.19
B-1003	111.5	116.5	21	4.8	96	861.69	750.19	745.19
B-1003	116.5	121.5	22	5	100	861.69	745.19	740.19
B-1003	121.5	126.5	23	5	100	861.69	740.19	735.19
B-1003	126.5	131.5	24	5	100	861.69	735.19	730.19
B-1003	131.5	136.5	25	5	100	861.69	730.19	725.19

B-1003	136.5	141.5	26	5	100	861.69	725.19	720.19
B-1003 offs	77.5	82.5	20	5	100	861.77	784.27	779.27
B-1003 offs	82.5	87.5	21	4.9	98	861.77	779.27	774.27
B-1003 offs	87.5	92.5	22	5	100	861.77	774.27	769.27
B-1003 offs	92.5	97.5	23	5	100	861.77	769.27	764.27
B-1003 offs	97.5	102.5	24	5	100	861.77	764.27	759.27
B-1003 offs	102.5	107.5	25	5.1	100	861.77	759.27	754.27
B-1003 offs	107.5	112.5	26	5	100	861.77	754.27	749.27
B-1003 offs	112.5	117.5	27	5	100	861.77	749.27	744.27
B-1003 offs	117.5	122.5	28	5	100	861.77	744.27	739.27
B-1003 offs	122.5	127.5	29	5	100	861.77	739.27	734.27
B-1003 offs	127.5	132.5	30	4.8	96	861.77	734.27	729.27
B-1003 offs	132.5	137.5	31	5.2	100	861.77	729.27	724.27
B-1003 offs	137.5	142.5	32	5	100	861.77	724.27	719.27
B-1004	72.5	77.5	13	4.6	92	859.70	787.20	782.20
B-1004	77.5	82.5	14	5	100	859.70	782.20	777.20
B-1004	82.5	87.5	15	5.1	100	859.70	777.20	772.20
B-1004	87.5	92.5	16	5	100	859.70	772.20	767.20
B-1004	92.5	97.5	17	4.7	94	859.70	767.20	762.20
B-1004	97.5	102.5	18	5	100	859.70	762.20	757.20
B-1004	102.5	107.5	19	5	100	859.70	757.20	752.20
B-1004	107.5	112.5	20	4.9	98	859.70	752.20	747.20
B-1004	112.5	117.5	21	5.1	100	859.70	747.20	742.20
B-1004	117.5	122.5	22	4.9	98	859.70	742.20	737.20
B-1004	122.5	127.5	23	5.1	100	859.70	737.20	732.20
B-1004	127.5	132.5	24	4.8	96	859.70	732.20	727.20
B-1004	132.5	137.5	25	5	100	859.70	727.20	722.20
B-1004	137.5	142.5	26	5.1	100	859.70	722.20	717.20
B-1005	75	80	20	5.2	100	857.02	782.02	777.02
B-1005	80	85	21	5	100	857.02	777.02	772.02
B-1005	85	90	22	5	100	857.02	772.02	767.02
B-1005	90	95	23	5.1	100	857.02	767.02	762.02
B-1005	95	100	24	4.9	98	857.02	762.02	757.02
B-1005	100	105	25	5.1	100	857.02	757.02	752.02
B-1005	105	110	26	4.9	98	857.02	752.02	747.02
B-1005	110	115	27	5	100	857.02	747.02	742.02
B-1005	115	120	28	5	100	857.02	742.02	737.02
B-1005	120	125	29	5	100	857.02	737.02	732.02
B-1005	125	130	30	5	100	857.02	732.02	727.02
B-1005	130	135	31	5	100	857.02	727.02	722.02
B-1005	135	140	32	0		857.02	722.02	717.02
B-1006	62.2	66.2	12	5	100	847.72	786.52	781.52
B-1006	66.2	67.2	13	1.1	100	847.72	781.52	780.52
B-1006	67.2	72.2	14	4.9	98	847.72	780.52	775.52
B-1006	72.2	77.2	15	5.1	100	847.72	775.52	770.52
B-1006	77.2	82.2	16	4.8	96	847.72	770.52	765.52
B-1006	82.2	87.2	17	5.1	100	847.72	765.52	760.52
B-1006	87.2	92.2	18	5.2	100	847.72	760.52	755.52
B-1006	92.2	97.2	19	4.8	96	847.72	755.52	750.52
B-1006	97.2	102.2	20	5	100	847.72	750.52	745.52
B-1006	102.2	107.2	21	5	100	847.72	745.52	740.52
B-1006	107.2	112.2	22	5	100	847.72	740.52	735.52
B-1006	112.2	117.2	23	4.8	96	847.72	735.52	730.52

B-1006	117.2	122.2	24	5.2	100	847.72	730.52	725.52
B-1006	122.2	127.2	25	5	100	847.72	725.52	720.52
B-1007	56.7	61.7	11	5	100	843.62	786.92	781.92
B-1007	61.7	66.7	12	5	100	843.62	781.92	776.92
B-1007	66.7	71.7	13	5	100	843.62	776.92	771.92
B-1007	71.7	76.7	14	5	100	843.62	771.92	766.92
B-1007	76.7	81.7	15	5	100	843.62	766.92	761.92
B-1007	81.7	86.7	16	5	100	843.62	761.92	756.92
B-1007	86.7	91.7	17	4.6	92	843.62	756.92	751.92
B-1007	91.7	96.7	18	5	100	843.62	751.92	746.92
B-1007	96.7	101.7	19	5	100	843.62	746.92	741.92
B-1007	101.7	106.7	20	5	100	843.62	741.92	736.92
B-1007	106.7	111.7	21	5	100	843.62	736.92	731.92
B-1007	111.7	116.7	22	5	100	843.62	731.92	726.92
B-1007	116.7	121.7	23	5	100	843.62	726.92	721.92
B-1008	63.2	68.2	12	4.75	95	847.56	784.36	779.36
B-1008	68.2	73.2	13	4.9	98	847.56	779.36	774.36
B-1008	73.2	78.2	14	5.3	100	847.56	774.36	769.36
B-1008	78.2	83.2	15	4.9	98	847.56	769.36	764.36
B-1008	83.2	88.2	16	4.9	98	847.56	764.36	759.36
B-1008	88.2	93.2	17	5.3	100	847.56	759.36	754.36
B-1008	93.2	98.2	18	5.2	100	847.56	754.36	749.36
B-1008	98.2	103.2	19	4.6	92	847.56	749.36	744.36
B-1008	103.2	108.2	20	5.2	82	847.56	744.36	739.36
B-1008	108.2	113.2	21	5	100	847.56	739.36	734.36
B-1008	113.2	118.2	22	4.9	98	847.56	734.36	729.36
B-1008	118.2	123.2	23	5	100	847.56	729.36	724.36
B-1008	123.2	128.2	24	5	100	847.56	724.36	719.36
B-1009-I	70.6	75.6	12	5.1	100	857.20	786.60	781.60
B-1009-I	75.6	80.6	13	3.9	78	857.20	781.60	776.60
B-1009-I	80.6	83.6	14	6.65	100	857.20	776.60	773.60
B-1009-I	83.6	85.6	15	5	100	857.20	773.60	771.60
B-1009-I	85.6	90.6	16	4.95	99	857.20	771.60	766.60
B-1009-I	90.6	95.6	17	5	100	857.20	766.60	761.60
B-1009-I	95.6	100.6	18	5	100	857.20	761.60	756.60
B-1009-I	100.6	105.6	19	5	100	857.20	756.60	751.60
B-1009-I	105.6	110.6	20	5.1	100	857.20	751.60	746.60
B-1009-I	110.6	115.6	21	4.95	99	857.20	746.60	741.60
B-1009-I	115.6	120.6	22	4.9	98	857.20	741.60	736.60
B-1009-I	120.6	125.6	23	5	100	857.20	736.60	731.60
B-1009-I	125.6	130.6	24	5	100	857.20	731.60	726.60
B-1009-I	130.6	135.6	25	5	100	857.20	726.60	721.60
B-1010	75	80	13	5	100	861.44	786.44	781.44
B-1010	80	85	14	4.8	96	861.44	781.44	776.44
B-1010	85	90	15	5	100	861.44	776.44	771.44
B-1010	90	95	16	4.8	96	861.44	771.44	766.44
B-1010	95	100	17	5.1	100	861.44	766.44	761.44
B-1010	100	105	18	4.9	98	861.44	761.44	756.44
B-1010	105	110	19	5	100	861.44	756.44	751.44
B-1010	110	115	20	5	100	861.44	751.44	746.44
B-1010	115	120	21	5	100	861.44	746.44	741.44
B-1010	120	125	22	5	100	861.44	741.44	736.44
B-1010	125	130	23	5	100	861.44	736.44	731.44

B-1010	130	135	24	5	100	861.44	731.44	726.44
B-1010	135	140	25	5	100	861.44	726.44	721.44
B-1011-I	70.6	75.6	14	5	100	854.71	784.11	779.11
B-1011-I	75.6	80.6	15	5.1	100	854.71	779.11	774.11
B-1011-I	80.6	85.6	16	4.9	98	854.71	774.11	769.11
B-1011-I	85.6	90.6	17	4.95	99	854.71	769.11	764.11
B-1011-I	90.6	95.6	18	5	100	854.71	764.11	759.11
B-1011-I	95.6	100.6	19	5	100	854.71	759.11	754.11
B-1011-I	100.6	105.6	20	5.05	100	854.71	754.11	749.11
B-1011-I	105.6	110.6	21	5	100	854.71	749.11	744.11
B-1011-I	110.6	115.6	22	4.9	98	854.71	744.11	739.11
B-1011-I	115.6	120.6	23	5	100	854.71	739.11	734.11
B-1011-I	120.6	125.6	24	4.9	98	854.71	734.11	729.11
B-1011-I	125.6	130.6	25	5.05	100	854.71	729.11	724.11
B-1011-I	130.6	135.6	26	5	100	854.71	724.11	719.11
B-1012	59	64	12	5	100	844.04	785.04	780.04
B-1012	64	69	13	5	100	844.04	780.04	775.04
B-1012	69	74	14	4.3	86	844.04	775.04	770.04
B-1012	74	79	15	4.95	99	844.04	770.04	765.04
B-1012	79	84	16	4.95	99	844.04	765.04	760.04
B-1012	84	89	17	3	60	844.04	760.04	755.04
B-1012	89	94	18	5	100	844.04	755.04	750.04
B-1012	94	99	19	4.3	86	844.04	750.04	745.04
B-1012	99	104	20	4.65	85	844.04	745.04	740.04
B-1012	104	109	21	5	93	844.04	740.04	735.04
B-1012	109	114	22	5	100	844.04	735.04	730.04
B-1012	114	119	23	4.2	84	844.04	730.04	725.04
B-1012	119	124	24	4.92	98	844.04	725.04	720.04
B-1013	77	82	17	5.2	100	863.53	786.53	781.53
B-1013	82	87	18	4.9	98	863.53	781.53	776.53
B-1013	87	92	19	5	100	863.53	776.53	771.53
B-1013	92	95	20	3	100	863.53	771.53	768.53
B-1013	95	100	21	5	100	863.53	768.53	763.53
B-1013	100	105	22	5	100	863.53	763.53	758.53
B-1013	105	110	23	5	100	863.53	758.53	753.53
B-1013	110	115	24	5	100	863.53	753.53	748.53
B-1013	115	120	25	4.5	90	863.53	748.53	743.53
B-1013	120	125	26	5	100	863.53	743.53	738.53
B-1013	125	130	27	5	100	863.53	738.53	733.53
B-1013	130	135	28	5	100	863.53	733.53	728.53
B-1013	135	140	29	5	100	863.53	728.53	723.53
B-1013	140	145	30	5	100	863.53	723.53	718.53
B-1014	66	71	12	4.9	98	851.20	785.20	780.20
B-1014	71	76	13	4.8	96	851.20	780.20	775.20
B-1014	76	81	14	5.1	100	851.20	775.20	770.20
B-1014	81	86	15	5.1	100	851.20	770.20	765.20
B-1014	86	91	16	5	100	851.20	765.20	760.20
B-1014	91	96	17	4.9	98	851.20	760.20	755.20
B-1014	96	101	18	5	100	851.20	755.20	750.20
B-1014	101	106	19	5.1	100	851.20	750.20	745.20
B-1014	106	111	20	5	100	851.20	745.20	740.20
B-1014	111	116	21	5.1	100	851.20	740.20	735.20
B-1014	116	121	22	5	100	851.20	735.20	730.20

B-1014	121	126	23	5	100	851.20	730.20	725.20
B-1014	126	131	24	5	100	851.20	725.20	720.20
B-1015	71	76	14	4	80	858.09	787.09	782.09
B-1015	76	81	15	5	100	858.09	782.09	777.09
B-1015	81	84.1	16	4.1	100	858.09	777.09	773.99
B-1015	84.1	89.1	17	5	100	858.09	773.99	768.99
B-1015	89.1	91	18	1.9	100	858.09	768.99	767.09
B-1015	91	96	19	5	100	858.09	767.09	762.09
B-1015	96	101.1	20	5.1	100	858.09	762.09	756.99
B-1015	101.1	104.1	21	3	100	858.09	756.99	753.99
B-1015	104.1	109	22	4.9	100	858.09	753.99	749.09
B-1015	109	111	23	2	100	858.09	749.09	747.09
B-1015	111	116	24	4.9	98	858.09	747.09	742.09
B-1015	116	121	25	4.9	98	858.09	742.09	737.09
B-1015	121	126.1	26	5.1	100	858.09	737.09	731.99
B-1015	126.1	131.2	27	5.1	100	858.09	731.99	726.89
B-1015	131.2	136.2	28	5	100	858.09	726.89	721.89
B-1016	80.7	85.7	14	5	100	865.59	784.89	779.89
B-1016	85.7	90.7	15	5	100	865.59	779.89	774.89
B-1016	90.7	95.7	16	5	100	865.59	774.89	769.89
B-1016	95.7	100.8	17	5.1	100	865.59	769.89	764.79
B-1016	100.8	105.75	18	4.95	100	865.59	764.79	759.84
B-1016	105.75	110.7	19	4.95	100	865.59	759.84	754.89
B-1016	110.7	115.8	20	5.1	100	865.59	754.89	749.79
B-1016	115.8	120.9	21	5.1	100	865.59	749.79	744.69
B-1016	120.9	125.9	22	5	100	865.59	744.69	739.69
B-1016	125.9	130.95	23	5.05	100	865.59	739.69	734.64
B-1016	130.95	135.9	24	4.95	100	865.59	734.64	729.69
B-1016	135.9	141	25	5.1	100	865.59	729.69	724.59
B-1016	141	146	26	5	100	865.59	724.59	719.59
B-1017	76.3	81.4	14	5.1	100	866.37	789.97	784.97
B-1017	81.4	86.4	15	5	100	866.37	784.97	779.97
B-1017	86.4	91.5	16	5.1	100	866.37	779.97	774.87
B-1017	91.5	96.5	17	5	100	866.37	774.87	769.87
B-1017	96.5	101.5	18	5	100	866.37	769.87	764.87
B-1017	101.5	106.5	19	5	100	866.37	764.87	759.87
B-1017	106.5	111.6	20	5.1	100	866.37	759.87	754.77
B-1017	111.6	116.6	21	5	100	866.37	754.77	749.77
B-1017	116.6	121.5	22	4.9	100	866.37	749.77	744.87
B-1017	121.5	126.6	23	5.1	100	866.37	744.87	739.77
B-1017	126.6	131.6	24	5	100	866.37	739.77	734.77
B-1017	131.6	136.5	25	4.9	100	866.37	734.77	729.87
B-1017	136.5	141.5	26	5	100	866.37	729.87	724.87
B-1018	62.4	67.4	13	4	80	846.36	783.96	778.96
B-1018	67.4	72.4	14	5.1	100	846.36	778.96	773.96
B-1018	72.4	77.4	15	5	100	846.36	773.96	768.96
B-1018	77.4	82.4	16	5	100	846.36	768.96	763.96
B-1018	82.4	87.4	17	5	100	846.36	763.96	758.96
B-1018	87.4	92.4	18	5	100	846.36	758.96	753.96
B-1018	92.4	97.4	19	5	100	846.36	753.96	748.96
B-1018	97.4	102.4	20	5	100	846.36	748.96	743.96
B-1018	102.4	107.4	21	5	100	846.36	743.96	738.96
B-1018	107.4	112.4	22	5	100	846.36	738.96	733.96

B-1018	112.4	117.4	23	5	100	846.36	733.96	728.96
B-1018	117.4	122.4	24	5	100	846.36	728.96	723.96
B-1018	122.4	127.4	25	5	100	846.36	723.96	718.96
B-1019	70	75	14	5.1	100	852.22	782.22	777.22
B-1019	75	80	15	5	100	852.22	777.22	772.22
B-1019	80	85	16	5	100	852.22	772.22	767.22
B-1019	85	90	17	5	100	852.22	767.22	762.22
B-1019	90	95	18	5	100	852.22	762.22	757.22
B-1019	95	100	19	5	100	852.22	757.22	752.22
B-1019	100	105	20	5	100	852.22	752.22	747.22
B-1019	105	110	21	4.6	100	852.22	747.22	742.22
B-1019	110	115	22	5.1	100	852.22	742.22	737.22
B-1019	115	120	23	5.2	100	852.22	737.22	732.22
B-1019	120	125	24	5	100	852.22	732.22	727.22
B-1019	125	130	25	4.9	100	852.22	727.22	722.22
B-1019	130	135	26	5.1	100	852.22	722.22	717.22
B-1020	77.4	82.4	13	5	100	861.94	784.54	779.54
B-1020	82.4	87.4	14	5	100	861.94	779.54	774.54
B-1020	87.4	92.4	15	5	100	861.94	774.54	769.54
B-1020	92.4	97.4	16	5	100	861.94	769.54	764.54
B-1020	97.4	102.4	17	5	100	861.94	764.54	759.54
B-1020	102.4	107.4	18	5	100	861.94	759.54	754.54
B-1020	107.4	112.4	19	4.9	95	861.94	754.54	749.54
B-1020	112.4	117.4	20	5.2	100	861.94	749.54	744.54
B-1020	117.4	122.4	21	5	100	861.94	744.54	739.54
B-1020	122.4	127.4	22	5	100	861.94	739.54	734.54
B-1020	127.4	132.4	23	5	100	861.94	734.54	729.54
B-1020	132.4	137.4	24	4.9	98	861.94	729.54	724.54
B-1020	137.4	142.4	25	5.1	100	861.94	724.54	719.54
B-1021	62	67	17	5	100	845.18	783.18	778.18
B-1021	67	72	18	5	100	845.18	778.18	773.18
B-1021	72	77	19	5	100	845.18	773.18	768.18
B-1021	77	82	20	5	100	845.18	768.18	763.18
B-1021	82	87	21	5	98	845.18	763.18	758.18
B-1021	87	92	22	5	100	845.18	758.18	753.18
B-1021	92	97	23	5	98	845.18	753.18	748.18
B-1021	97	102	24	5	100	845.18	748.18	743.18
B-1021	102	107	25	5	98	845.18	743.18	738.18
B-1021	107	112	26	5	100	845.18	738.18	733.18
B-1021	112	117	27	5	96	845.18	733.18	728.18
B-1021	117	122	28	5	98	845.18	728.18	723.18
B-1021	122	127	29	5	100	845.18	723.18	718.18
B-1022	76	81	13	5	100	863.48	787.48	782.48
B-1022	81	86	14	5	100	863.48	782.48	777.48
B-1022	86	91	15	5.1	100	863.48	777.48	772.48
B-1022	91	96	16	5	100	863.48	772.48	767.48
B-1022	96	101	17	5	100	863.48	767.48	762.48
B-1022	101	106	18	5	100	863.48	762.48	757.48
B-1022	106	111	19	5.1	100	863.48	757.48	752.48
B-1022	111	116	20	4.9	98	863.48	752.48	747.48
B-1022	116	121	21	4.9	100	863.48	747.48	742.48
B-1022	121	126	22	5.1	100	863.48	742.48	737.48
B-1022	126	131	23	5.1	100	863.48	737.48	732.48

B-1022	131	136	24	4.85	100	863.48	732.48	727.48
B-1022	136	141	25	5.2	100	863.48	727.48	722.48
B-1023	80.5	85.5	14	5	96	865.68	785.18	780.18
B-1023	85.5	90.5	15	5	100	865.68	780.18	775.18
B-1023	90.5	95.5	16	5	100	865.68	775.18	770.18
B-1023	95.5	100.5	17	5	100	865.68	770.18	765.18
B-1023	100.5	105.5	18	5	98	865.68	765.18	760.18
B-1023	105.5	110.5	19	5	100	865.68	760.18	755.18
B-1023	110.5	115.5	20	5	100	865.68	755.18	750.18
B-1023	115.5	120.5	21	5	100	865.68	750.18	745.18
B-1023	120.5	125.5	22	5	100	865.68	745.18	740.18
B-1023	125.5	130.5	23	5	93	865.68	740.18	735.18
B-1023	130.5	135.5	24	5.1	100	865.68	735.18	730.18
B-1023	135.5	140.5	25	4.9	98	865.68	730.18	725.18
B-1024	75	80	13	5.2	100	861.65	786.65	781.65
B-1024	80	85	14	4.9	100	861.65	781.65	776.65
B-1024	85	90	15	5.1	100	861.65	776.65	771.65
B-1024	90	95	16	5	100	861.65	771.65	766.65
B-1024	95	100	17	4.9	100	861.65	766.65	761.65
B-1024	100	105	18	5.2	100	861.65	761.65	756.65
B-1024	105	110	19	5	100	861.65	756.65	751.65
B-1025	76	81	13	5	100	861.52	785.52	780.52
B-1025	81	86	14	5	100	861.52	780.52	775.52
B-1025	86	91	15	5	100	861.52	775.52	770.52
B-1025	91	96	16	5	100	861.52	770.52	765.52
B-1025	96	101	17	4.8	96	861.52	765.52	760.52
B-1025	101	106	18	5	100	861.52	760.52	755.52
B-1025	106	111	19	5	100	861.52	755.52	750.52
B-1025	111	116	20	5.2	100	861.52	750.52	745.52
B-1025	116	121	21	5		861.52	745.52	740.52
B-1025	121	126	22	4.9	98	861.52	740.52	735.52
B-1025	126	131	23	4.9	98	861.52	735.52	730.52
B-1025	131	136	24	5.2	100	861.52	730.52	725.52
B-1025	136	141	25	4.6	58	861.52	725.52	720.52
B-1026	76	81	18	4.8	96	865.13	789.13	784.13
B-1026	81	86	19	4.95	99	865.13	784.13	779.13
B-1026	86	91	20	5	100	865.13	779.13	774.13
B-1026	91	96	21	5.05	100	865.13	774.13	769.13
B-1026	96	101	22	4.5	90	865.13	769.13	764.13
B-1026	101	106	23	4.7	94	865.13	764.13	759.13
B-1026	106	111	24	4.2	84	865.13	759.13	754.13
B-1027	76	81	21	5	100	863.62	787.62	782.62
B-1027	81	86	22	5	100	863.62	782.62	777.62
B-1027	86	91	23	5	100	863.62	777.62	772.62
B-1027	91	96	24	5	100	863.62	772.62	767.62
B-1027	96	101	25	5	100	863.62	767.62	762.62
B-1027	101	106	26	5	100	863.62	762.62	757.62
B-1027	106	111	27	5	100	863.62	757.62	752.62
B-1027	111	116	28	4.9	98	863.62	752.62	747.62
B-1027	116	121	29	5	100	863.62	747.62	742.62
B-1027	121	126	30	5	100	863.62	742.62	737.62
B-1027	126	131	31	5	100	863.62	737.62	732.62
B-1027	131	136	32	5.1	100	863.62	732.62	727.62

B-1027	136	141	33	4.9	98	863.62	727.62	722.62
B-1028	55.5	60.5	11	4.2	56	842.06	786.56	781.56
B-1028	60.5	65.5	12	5	100	842.06	781.56	776.56
B-1028	65.5	70.5	13	5.1	91	842.06	776.56	771.56
B-1028	70.5	75.5	14	5	88	842.06	771.56	766.56
B-1029	62.8	67.8	13	5	100	846.88	784.08	779.08
B-1029	67.8	72.6	14	4.9	98	846.88	779.08	774.28
B-1029	72.6	78	15	5	100	846.88	774.28	768.88
B-1029	78	83	16	5	100	846.88	768.88	763.88
B-1029	83	88	17	5	100	846.88	763.88	758.88
B-1029	88	93	18	5	100	846.88	758.88	753.88
B-1029	93	98	19	5	100	846.88	753.88	748.88
B-1029	98	103	20	5	96	846.88	748.88	743.88
B-1029	103	108	21	5	100	846.88	743.88	738.88
B-1029	108	113	22	5	100	846.88	738.88	733.88
B-1029	113	118	23	5	100	846.88	733.88	728.88
B-1029	118	123	24	5	100	846.88	728.88	723.88
B-1029	123	128	25	5	96	846.88	723.88	718.88
B-1030	75.8	76.3	20	5	100	858.58	782.78	782.28
B-1030	82.8	83.2	21	5.1	100	858.58	782.28	775.38
B-1030	87	87.6	22	5	100	858.58	771.58	770.98
B-1030	91.7	92.2	23	5.1	100	858.58	770.98	766.38
B-1030	98.2	98.7	24	5	100	858.58	760.38	759.88
B-1030	100	100.5	25	5	100	858.58	759.88	758.08
B-1030	106.8	107.3	26	5.2	100	858.58	751.78	751.28
B-1030	110.1	110.6	27	4.8	100	858.58	751.28	747.98
B-1030	115.9	116.4	28	5	100	858.58	742.68	742.18
B-1030	121	121.5	29	5.2	100	858.58	742.18	737.08
B-1030	126.4	126.9	30	5.1	100	858.58	732.18	731.68
B-1030	131	131.5	31	5	100	858.58	731.68	727.08
B-1030	136.7	137.2	32	5.1	100	858.58	721.88	721.38
B-1031	75.5	80.5	13	4.6	92	864.21	788.71	783.71
B-1031	80.5	85.5	14	5	100	864.21	783.71	778.71
B-1031	85.5	90.5	15	5	100	864.21	778.71	773.71
B-1031	90.5	95.5	16	4.9	98	864.21	773.71	768.71
B-1031	95.5	100.6	17	5.1	100	864.21	768.71	763.61
B-1032	81.5	86.5	21	5.3	100	867.32	785.82	780.82
B-1032	86.5	91.5	22	5	100	867.32	780.82	775.82
B-1032	91.5	96.5	23	5	100	867.32	775.82	770.82
B-1032	96.5	100.5	24	4	100	867.32	770.82	766.82
B-1034	72	77	18	5	100	858.46	786.46	781.46
B-1034	77	82	19	5	100	858.46	781.46	776.46
B-1034	82	87	20	5.1	100	858.46	776.46	771.46
B-1034	87	92	21	5	100	858.46	771.46	766.46
B-1034	92	97	22	4.9	98	858.46	766.46	761.46
B-1034	97	102	23	5	100	858.46	761.46	756.46
B-1034	102	107	24	5	100	858.46	756.46	751.46
B-1034	107	112	25	5.1	100	858.46	751.46	746.46
B-1034	112	117	26	5	100	858.46	746.46	741.46
B-1034	117	122	27	5	100	858.46	741.46	736.46
B-1034	122	127	28	5	100	858.46	736.46	731.46
B-1034	127	132	29	5	100	858.46	731.46	726.46
B-1034	132	137	30	5	100	858.46	726.46	721.46

B-1035	67	72	16	5.1	100	856.11	789.11	784.11
B-1035	72	77	17	5	100	856.11	784.11	779.11
B-1035	77	82	18	5	100	856.11	779.11	774.11
B-1035	82	87	19	5	100	856.11	774.11	769.11
B-1035	87	92	20	5	100	856.11	769.11	764.11
B-1035	92	97	21	5	100	856.11	764.11	759.11
B-1035	97	100	22	3	100	856.11	759.11	756.11
B-1036	70	75	14	5		858.65	788.65	783.65
B-1037	66.3	71.3	12	4.9	98	852.84	786.54	781.54
B-1037	71.3	76.3	13	5.1	100	852.84	781.54	776.54
B-1037	76.3	81.3	14	5	100	852.84	776.54	771.54
B-1037	81.3	86.3	15	5	100	852.84	771.54	766.54
B-1037	86.3	91.3	16	4.9	98	852.84	766.54	761.54
B-1037	91.3	96.3	17	5.1	100	852.84	761.54	756.54
B-1037	96.3	101.3	18	4.9	98	852.84	756.54	751.54
B-1037	101.3	106.3	19	5.1	100	852.84	751.54	746.54
B-1037	106.3	111.3	20	5	100	852.84	746.54	741.54
B-1037	111.3	116.3	21	5	100	852.84	741.54	736.54
B-1037	116.3	121.3	22	4.9	98	852.84	736.54	731.54
B-1037	121.3	126.3	23	4.9	98	852.84	731.54	726.54
B-1037	126.3	131.3	24	5	100	852.84	726.54	721.54
B-1038	60	65	17	5.2	100	843.53	783.53	778.53
B-1038	65	70	18	5	100	843.53	778.53	773.53
B-1038	70	75	19	5.1	100	843.53	773.53	768.53
B-1038	75	80	20	5.1	100	843.53	768.53	763.53
B-1038	80	85	21	5	100	843.53	763.53	758.53
B-1038	85	90	22	5.1	100	843.53	758.53	753.53
B-1038	90	95	23	5	100	843.53	753.53	748.53
B-1038	95	100	24	5	100	843.53	748.53	743.53
B-1038	100	105	25	5.1	100	843.53	743.53	738.53
B-1038	105	110	26	5.1	100	843.53	738.53	733.53
B-1038	110	115	27	5	100	843.53	733.53	728.53
B-1038	115	120	28	4.9	98	843.53	728.53	723.53
B-1038	120	125	29	5	100	843.53	723.53	718.53
B-1039	61	65	12	4.9	98	847.10	718.53	782.10
B-1039	65	70	13	5	100	847.10	782.10	777.10
B-1039	70	75	14	5	100	847.10	777.10	772.10
B-1040	65.5	70.5	13	5.1	100	847.04	781.54	776.54
B-1040	70.5	75.5	14	5.1	100	847.04	776.54	771.54
B-1040	75.5	80.5	15	5.1	100	847.04	771.54	766.54
B-1040	80.5	85.5	16	5.1	100	847.04	766.54	761.54
B-1040	85.5	90.5	17	5.1	100	847.04	761.54	756.54
B-1040	90.5	95.5	18	5.1	100	847.04	756.54	751.54
B-1040	95.5	100.5	19	4.9	98	847.04	751.54	746.54
B-1041	64.8	69.8	12	5		845.30	780.50	775.50
B-1041	69.8	74.8	13	5		845.30	775.50	770.50
B-1041	74.8	79.8	14	5	100	845.30	770.50	765.50
B-1041	79.8	84.8	15	5		845.30	765.50	760.50
B-1041	84.8	89.8	16	5.1		845.30	760.50	755.50
B-1041	89.8	94.8	17	4.9	100	845.30	755.50	750.50
B-1041	94.8	99.8	18	4.9		845.30	750.50	745.50
B-1041	99.8	104.8	19	5	100	845.30	745.50	740.50
B-1041	104.8	109.8	20	4.9	100	845.30	740.50	735.50

B-1041	109.8	114.8	21	5.2	100	845.30	735.50	730.50
B-1041	114.8	119.8	22	5	100	845.30	730.50	725.50
B-1041	119.8	124.8	23	5.1	100	845.30	725.50	720.50
B-1042	61	66	11	4.9	98	846.41	785.41	780.41
B-1042	66	71	12	5	100	846.41	780.41	775.41
B-1042	71	76	13	4.95	99	846.41	775.41	770.41
B-1042	76	81	14	5.1	100	846.41	770.41	765.41
B-1042	81	86	15	5	100	846.41	765.41	760.41
B-1042	86	91	16	5	100	846.41	760.41	755.41
B-1042	91	96	17	5.1	100	846.41	755.41	750.41
B-1042	96	101	18	5	100	846.41	750.41	745.41
B-1042	101	106	19	5.1	100	846.41	745.41	740.41
B-1042	106	111	20	5	100	846.41	740.41	735.41
B-1042	111	116	21	4.9	98	846.41	735.41	730.41
B-1042	116	121	22	5.1	100	846.41	730.41	725.41
B-1042	121	126	23	5	100	846.41	725.41	720.41
B-1043	36.8	41.8	8	5.1	100	824.51	787.71	782.71
B-1043	41.8	46.8	9	5.2	100	824.51	782.71	777.71
B-1043	46.8	51.8	10	5.2	100	824.51	777.71	772.71
B-1043	51.8	56.8	11	5	100	824.51	772.71	767.71
B-1043	56.8	61.8	12	5.1	100	824.51	767.71	762.71
B-1043	61.8	66.8	13	5.1	100	824.51	762.71	757.71
B-1043	66.8	71.8	14	5	100	824.51	757.71	752.71
B-1043	71.8	76.8	15	5	100	824.51	752.71	747.71
B-1044	50.7	55.7	7	5.1	100	838.21	787.51	782.51
B-1044	55.7	60.7	8	5.6	100	838.21	782.51	777.51
B-1044	60.7	65.7	9	5.1	100	838.21	777.51	772.51
B-1044	65.7	70.7	10	4.9	100	838.21	772.51	767.51
B-1044	70.7	75.7	11	4.9	100	838.21	767.51	762.51
B-1045	50.8	55.8	8	5	100	838.17	787.37	782.37
B-1045	55.8	60.8	9	4.9	98	838.17	782.37	777.37
B-1045	60.8	65.8	10	5	100	838.17	777.37	772.37
B-1045	65.8	70.8	11	5.2	100	838.17	772.37	767.37
B-1045	70.8	75.8	12	5	100	838.17	767.37	762.37
B-1046	55	60	2	5.1	100	837.25	762.37	777.25
B-1046	60	65	3	4.7	94	837.25	777.25	772.25
B-1046	65	70	4	5.1	100	837.25	772.25	767.25
B-1046	70	75	5	5.2	100	837.25	767.25	762.25
B-1047	47.7	52.7	9	5	100	831.11	783.41	778.41
B-1047	52.7	57.7	10	5.1	100	831.11	778.41	773.41
B-1047	57.7	62.7	11	5	100	831.11	773.41	768.41
B-1047	62.7	67.7	12	5.2	100	831.11	768.41	763.41
B-1047	67.7	72.7	13	5.2	100	831.11	763.41	758.41
B-1047	72.7	74.2	14	1.5	100	831.11	758.41	756.91
B-1047	74.2	79.2	15	5.1	100	831.11	756.91	751.91
B-1047	79.2	84.2	16	5	100	831.11	751.91	746.91
B-1047	84.2	89.2	17	5	100	831.11	746.91	741.91
B-1047	89.2	94.2	18	5	98	831.11	741.91	736.91
B-1047	94.2	99.2	19	5	100	831.11	736.91	731.91
B-1047	99.2	104.2	20	5	100	831.11	731.91	726.91
B-1047	104.2	109.2	21	5	100	831.11	726.91	721.91
B-1047	109.2	114.2	22	4.65	93	831.11	721.91	716.91
B-1048	51.5	56.5	11	5.3	100	835.78	784.28	779.28

B-1048	56.5	61.5	12	5	100	835.78	779.28	774.28
B-1048	61.5	66.5	13	5	100	835.78	774.28	769.28
B-1048	66.5	71.5	14	5	100	835.78	769.28	764.28
B-1048	71.5	76.5	15	5	100	835.78	764.28	759.28
B-1048	76.5	81.5	16	5.1	100	835.78	759.28	754.28
B-1048	81.5	86.5	17	5	100	835.78	754.28	749.28
B-1048	86.5	91.5	18	5	100	835.78	749.28	744.28
B-1048	91.5	96.5	19	4.9	98	835.78	744.28	739.28
B-1048	96.5	101.5	20	5.2	100	835.78	739.28	734.28
B-1049	55	60	17	5	100	840.41	785.41	780.41
B-1049	60	65	18	5	100	840.41	780.41	775.41
B-1049	65	70	19	5	100	840.41	775.41	770.41
B-1049	70	75	20	4.9	100	840.41	770.41	765.41
B-1049	75	80	21	5.1	100	840.41	765.41	760.41
B-1049	80	85	22	5	100	840.41	760.41	755.41
B-1049	85	90	23	5.1	100	840.41	755.41	750.41
B-1049	90	95	24	5	100	840.41	750.41	745.41
B-1049	95	100	25	5.1	100	840.41	745.41	740.41
B-1050	55	60	19	5	100	838.50	783.50	778.50
B-1050	60	65	20	5	100	838.50	778.50	773.50
B-1050	65	70	21	5.1	100	838.50	773.50	768.50
B-1050	70	75	22	4.8	96	838.50	768.50	763.50
B-1050	75	80	23	5	100	838.50	763.50	758.50
B-1050	80	85	24	5.1	100	838.50	758.50	753.50
B-1050	85	90	25	5	100	838.50	753.50	748.50
B-1050	90	95	26	4.9	98	838.50	748.50	743.50
B-1050	95	100	27	4.9	98	838.50	743.50	738.50
B-1050	100	105	28	5.1	100	838.50	738.50	733.50
B-1050	105	110	29	5	100	838.50	733.50	728.50
B-1050	110	115	30	5	100	838.50	728.50	723.50
B-1050	115	120	31	4.9	98	838.50	723.50	718.50
B-1051	60	65	16	4.8	96	842.69	782.69	777.69
B-1051	65	70	17	5.1	100	842.69	777.69	772.69
B-1051	70	75	18	5	100	842.69	772.69	767.69
B-1052	60	65	11	4.3	86	842.51	782.51	777.51
B-1052	65	70	12	4.85	97	842.51	777.51	772.51
B-1052	70	75	13	5	100	842.51	772.51	767.51
B-1053	61.5	66.5	12	4.9	98	841.35	779.85	774.85
B-1053	66.5	71.5	13	4.6	92	841.35	774.85	769.85
B-1053	71.5	75.8	14	4.3	100	841.35	769.85	765.55
B-1054	55.5	60.5	20	5.1	100	839.66	784.16	779.16
B-1054	60.5	65.5	21	4.9	100	839.66	779.16	774.16
B-1054	65.5	70.5	22	4.8	100	839.66	774.16	769.16
B-1054	70.5	75.5	23	5	100	839.66	769.16	764.16
B-1063	50	55	17	5	100	837.16	787.16	782.16
B-1063	55	60	18	5	100	837.16	782.16	777.16
B-1063	60	65	19	5	100	837.16	777.16	772.16
B-1063	65	70	20	4.9	98	837.16	772.16	767.16
B-1063	70	75	21	5	100	837.16	767.16	762.16
B-1063	75	80	22	5	100	837.16	762.16	757.16
B-1063	80	85	23	5.1	100	837.16	757.16	752.16
B-1063	85	90	24	4.9	98	837.16	752.16	747.16
B-1063	90	95	25	5	100	837.16	747.16	742.16

B-1063	95	100	26	4.8	96	837.16	742.16	737.16
B-1064	50.5	55.5	15	4.9	98	839.05	788.55	783.55
B-1064	55.5	60.5	16	4.8	96	839.05	783.55	778.55
B-1064	60.5	65.5	17	4.7	94	839.05	778.55	773.55
B-1064	65.5	70.5	18	5	100	839.05	773.55	768.55
B-1064	70.5	75.5	19	5.1	100	839.05	768.55	763.55
B-1064	75.5	80.5	20	5.1	100	839.05	763.55	758.55
B-1064	80.5	85.5	21	5	100	839.05	758.55	753.55
B-1064	85.5	90.5	22	5.1	100	839.05	753.55	748.55
B-1064	90.5	95.5	23	4.9	98	839.05	748.55	743.55
B-1064	95.5	100.5	24	5.1	100	839.05	743.55	738.55
B-2000	62.6	67.6	10	5	100	844.03	781.43	776.43
B-2000	67.6	72.6	11	5	100	844.03	776.43	771.43
B-2000	72.6	77.6	12	5	100	844.03	771.43	766.43
B-2000	77.6	82.6	13	5	100	844.03	766.43	761.43
B-2000	82.6	87.6	14	5	100	844.03	761.43	756.43
B-2000	87.6	92.6	15	5	100	844.03	756.43	751.43
B-2000	92.6	97.6	16	5	100	844.03	751.43	746.43
B-2000	97.6	102.6	17	5	100	844.03	746.43	741.43
B-2000	102.6	107.6	18	5	100	844.03	741.43	736.43
B-2000	107.6	112.6	19	5	100	844.03	736.43	731.43
B-2000	112.6	117.6	20	5	100	844.03	731.43	726.43
B-2000	117.6	122.6	21	5	100	844.03	726.43	721.43
B-2000	122.6	127.6	22	5	100	844.03	721.43	716.43
B-2001	56	61	11		100	837.89	781.89	776.89
B-2001	61	66	12	5	100	837.89	776.89	771.89
B-2001	66	71	13	4.7	94	837.89	771.89	766.89
B-2001	71	76	14	5	100	837.89	766.89	761.89
B-2001	76	81	15	5	100	837.89	761.89	756.89
B-2001	81	86	16	5	100	837.89	756.89	751.89
B-2001	86	91	17	5.1	100	837.89	751.89	746.89
B-2001	91	96	18	5	100	837.89	746.89	741.89
B-2001	96	101	19	5	100	837.89	741.89	736.89
B-2001	101	106	20	5	100	837.89	736.89	731.89
B-2001	106	111	21	5	100	837.89	731.89	726.89
B-2001	111	116	22	4.8	96	837.89	726.89	721.89
B-2001	116	121	23	5.1	100	837.89	721.89	716.89
B-2002	57	62	11	5.1	100	837.21	780.21	775.21
B-2002	62	67	12	5	100	837.21	775.21	770.21
B-2002	67	72	13	5.1	100	837.21	770.21	765.21
B-2002	72	77	14	5.2	100	837.21	765.21	760.21
B-2002	77	82	15	4.9	98	837.21	760.21	755.21
B-2002	82	87	16	5.3	100	837.21	755.21	750.21
B-2002	87	92	17	5	100	837.21	750.21	745.21
B-2002	92	97	18	5.2	100	837.21	745.21	740.21
B-2002	97	102	19	5.1	100	837.21	740.21	735.21
B-2002	102	107	20	5.3	100	837.21	735.21	730.21
B-2002	107	112	21	5.1	100	837.21	730.21	725.21
B-2002	112	117	22	5.2	100	837.21	725.21	720.21
B-2003	58	63	10	5	100	840.99	782.99	777.99
B-2003	63	68	11	5	100	840.99	777.99	772.99
B-2003	68	73	12	5	100	840.99	772.99	767.99
B-2003	73	78	13	5	100	840.99	767.99	762.99

B-2003	78	83	14	5	100	840.99	762.99	757.99
B-2003	83	88	15	5	100	840.99	757.99	752.99
B-2003	88	93	16	5	100	840.99	752.99	747.99
B-2003	93	98	17	5	100	840.99	747.99	742.99
B-2003	98	103	18	5.2	100	840.99	742.99	737.99
B-2003	103	108	19	5	100	840.99	737.99	732.99
B-2003	108	113	20	5	100	840.99	732.99	727.99
B-2003	113	118	21	5	100	840.99	727.99	722.99
B-2003	118	123	22	5	100	840.99	722.99	717.99
B-2003 offs	60	65	11	5	100	841.14	781.14	776.14
B-2003 offs	65	70	12	5	100	841.14	776.14	771.14
B-2003 offs	70	75	13	5	100	841.14	771.14	766.14
B-2003 offs	75	80	14	5	100	841.14	766.14	761.14
B-2003 offs	80	85	15	4.9	98	841.14	761.14	756.14
B-2003 offs	85	90	16	5.1	92	841.14	756.14	751.14
B-2003 offs	90	95	17	5	100	841.14	751.14	746.14
B-2003 offs	95	100	18	5	100	841.14	746.14	741.14
B-2003 offs	100	105	19	5	100	841.14	741.14	736.14
B-2003 offs	105	110	20	5	100	841.14	736.14	731.14
B-2003 offs	110	115	21	5	100	841.14	731.14	726.14
B-2003 offs	115	120	22	5	100	841.14	726.14	721.14
B-2004	66	71	13	5.1	100	850.53	784.53	779.53
B-2004	71	76	14	5	100	850.53	779.53	774.53
B-2004	76	81	15	5	100	850.53	774.53	769.53
B-2004	81	86	16	5	100	850.53	769.53	764.53
B-2004	86	91	17	5	100	850.53	764.53	759.53
B-2004	91	96	18	5	100	850.53	759.53	754.53
B-2004	96	101	19	5	100	850.53	754.53	749.53
B-2004	101	106	20	5.1	100	850.53	749.53	744.53
B-2004	106	111	21	5	100	850.53	744.53	739.53
B-2004	111	116	22	5	100	850.53	739.53	734.53
B-2004	116	121	23	4.9	98	850.53	734.53	729.53
B-2004	121	126	24	5	99	850.53	729.53	724.53
B-2004	126	131	25	5	100	850.53	724.53	719.53
B-2005	66	71	13	4.9	98	848.72	782.72	777.72
B-2005	71	76	14	4.9	98	848.72	777.72	772.72
B-2005	76	81	15	5.1	100	848.72	772.72	767.72
B-2005	81	86	16	5	100	848.72	767.72	762.72
B-2005	86	91	17	5	100	848.72	762.72	757.72
B-2005	91	96	18	4.9	98	848.72	757.72	752.72
B-2005	96	101	19	5	100	848.72	752.72	747.72
B-2005	101	106	20	5.2	100	848.72	747.72	742.72
B-2005	106	111	21	4.8	96	848.72	742.72	737.72
B-2005	111	116	22	4.9	98	848.72	737.72	732.72
B-2005	116	121	23	5	100	848.72	732.72	727.72
B-2005	121	126	24	4.75	95	848.72	727.72	722.72
B-2005	126	131	25	5	100	848.72	722.72	717.72
B-2006	61	66	17	5	100	844.99	783.99	778.99
B-2006	66	71	18	4.9	98	844.99	778.99	773.99
B-2006	71	76	19	4.9	98	844.99	773.99	768.99
B-2006	76	81	20	4.9	100	844.99	768.99	763.99
B-2006	81	86	21	5.1	100	844.99	763.99	758.99
B-2006	86	91	22	5	100	844.99	758.99	753.99

B-2006	91	96	23	5	100	844.99	753.99	748.99
B-2006	96	101	24	4.9	98	844.99	748.99	743.99
B-2006	101	106	25	5	100	844.99	743.99	738.99
B-2006	106	111	26	5.2	100	844.99	738.99	733.99
B-2006	111	116	27	4.8	96	844.99	733.99	728.99
B-2006	116	121	28	4.9	98	844.99	728.99	723.99
B-2006	121	126	29	5	100	844.99	723.99	718.99
B-2007	60	65	11	5.2	100	841.23	781.23	776.23
B-2007	65	70	12	5.2	100	841.23	776.23	771.23
B-2007	70	75	13	5	10	841.23	771.23	766.23
B-2007	75	80	14	5.2	100	841.23	766.23	761.23
B-2007	80	85	15	5	100	841.23	761.23	756.23
B-2007	85	90	16	5.1	100	841.23	756.23	751.23
B-2007	90	95	17	5	100	841.23	751.23	746.23
B-2007	95	100	18	5	100	841.23	746.23	741.23
B-2007	100	105	19	5.1	100	841.23	741.23	736.23
B-2007	105	110	20	5	100	841.23	736.23	731.23
B-2007	110	115	21	5	100	841.23	731.23	726.23
B-2007	115	120	22	5	100	841.23	726.23	721.23
B-2008	60	65	13	5.1	100	840.62	780.62	775.62
B-2008	65	70	14	5	100	840.62	775.62	770.62
B-2008	70	75	15	4.95	99	840.62	770.62	765.62
B-2008	75	80	16	5.05	100	840.62	765.62	760.62
B-2008	80	85	17	4.9	98	840.62	760.62	755.62
B-2008	85	90	18	5	100	840.62	755.62	750.62
B-2008	90	95	19	4.9	98	840.62	750.62	745.62
B-2008	95	100	20	5	100	840.62	745.62	740.62
B-2008	100	105	21	4.9	98	840.62	740.62	735.62
B-2008	105	110	22	5.1	100	840.62	735.62	730.62
B-2008	110	115	23	5	100	840.62	730.62	725.62
B-2008	115	120	24	4.95	99	840.62	725.62	720.62
B-2009-I	60.7	65.7	10	5.1	100	842.97	782.27	777.27
B-2009-I	65.7	70.7	11	5	100	842.97	777.27	772.27
B-2009-I	70.7	75.7	12	5	100	842.97	772.27	767.27
B-2009-I	75.7	80.7	13	5	100	842.97	767.27	762.27
B-2009-I	80.7	85.7	14	5	100	842.97	762.27	757.27
B-2009-I	85.7	90.7	15	5	100	842.97	757.27	752.27
B-2009-I	90.7	95.7	16	5	100	842.97	752.27	747.27
B-2009-I	95.7	100.7	17	4.9	98	842.97	747.27	742.27
B-2009-I	100.7	105.7	18	5.1	100	842.97	742.27	737.27
B-2009-I	105.7	110.7	19	5	100	842.97	737.27	732.27
B-2009-I	110.7	115.7	20	5	100	842.97	732.27	727.27
B-2009-I	115.7	120.7	21	5	100	842.97	727.27	722.27
B-2009-I	120.7	125.7	22	5.1	100	842.97	722.27	717.27
B-2010	63.4	68.4	12	5	100	846.41	783.01	778.01
B-2010	68.4	73.4	13	5	100	846.41	778.01	773.01
B-2010	73.4	78.4	14	5	100	846.41	773.01	768.01
B-2010	78.4	83.4	15	5	100	846.41	768.01	763.01
B-2010	83.4	88.4	16	5	100	846.41	763.01	758.01
B-2010	88.4	93.4	17	5	100	846.41	758.01	753.01
B-2010	93.4	98.4	18	5.1	100	846.41	753.01	748.01
B-2010	98.4	103.4	19	5.2	100	846.41	748.01	743.01
B-2010	103.4	108.4	20	5	100	846.41	743.01	738.01

B-2010	108.4	113.4	21	5	100	846.41	738.01	733.01
B-2010	113.4	118.4	22	5	100	846.41	733.01	728.01
B-2010	118.4	123.4	23	5.5	100	846.41	728.01	723.01
B-2010	123.4	128.4	24	4.9	98	846.41	723.01	718.01
B-2011-I	60.6	65.6	10	5.3	100	847.08	786.48	781.48
B-2011-I	65.6	70.6	11	5.3	100	847.08	781.48	776.48
B-2011-I	70.6	75.6	12	5	100	847.08	776.48	771.48
B-2011-I	75.6	80.6	13	5	100	847.08	771.48	766.48
B-2011-I	80.6	85.6	14	4.9	98	847.08	766.48	761.48
B-2011-I	85.6	90.6	15	5.1	100	847.08	761.48	756.48
B-2011-I	90.6	95.6	16	5	100	847.08	756.48	751.48
B-2011-I	95.6	100.6	17	4.8	96	847.08	751.48	746.48
B-2011-I	100.6	105.6	18	5.2	100	847.08	746.48	741.48
B-2011-I	105.6	110.6	19	5	100	847.08	741.48	736.48
B-2011-I	110.6	115.6	20	5	100	847.08	736.48	731.48
B-2011-I	115.6	120.6	21	5	100	847.08	731.48	726.48
B-2011-I	120.6	125.6	22	4.9	98	847.08	726.48	721.48
B-2012	62	67	12	5	86	847.19	785.19	780.19
B-2012	67	72	13	5	100	847.19	780.19	775.19
B-2012	72	77	14	5	100	847.19	775.19	770.19
B-2012	77	82	15	5	100	847.19	770.19	765.19
B-2012	82	87	16	5	100	847.19	765.19	760.19
B-2012	87	92	17	4.5	100	847.19	760.19	755.19
B-2012	92	97	18	5.2	100	847.19	755.19	750.19
B-2012	97	102	19	4.9	100	847.19	750.19	745.19
B-2012	102	107	20	5.2	100	847.19	745.19	740.19
B-2012	107	112	21	5	100	847.19	740.19	735.19
B-2012	112	117	22	5.1	100	847.19	735.19	730.19
B-2012	117	122	23	5	100	847.19	730.19	725.19
B-2012	122	127	24	5	100	847.19	725.19	720.19
B-2013	60.5	65.5	13	4.8	100	846.96	786.46	781.46
B-2013	65.5	70.5	14	5	100	846.96	781.46	776.46
B-2013	70.5	75.5	15	4.9	98	846.96	776.46	771.46
B-2013	75.5	80.5	16	5	100	846.96	771.46	766.46
B-2013	80.5	85.5	17	5	100	846.96	766.46	761.46
B-2013	85.5	90.5	18	5	100	846.96	761.46	756.46
B-2013	90.5	95.5	19	4.9	98	846.96	756.46	751.46
B-2013	95.5	100.5	20	5	100	846.96	751.46	746.46
B-2013	100.5	105.5	21	4.9	98	846.96	746.46	741.46
B-2013	105.5	110.5	22	5.1	92	846.96	741.46	736.46
B-2013	110.5	115.5	23	3	100	846.96	736.46	731.46
B-2013	115.5	120.5	24	5	100	846.96	731.46	726.46
B-2013	120.5	125.5	25	5.1	100	846.96	726.46	721.46
B-2014	55	60	11	5	100	839.41	784.41	779.41
B-2014	60	65	12	5	100	839.41	779.41	774.41
B-2014	65	70	13	5	100	839.41	774.41	769.41
B-2014	70	75	14	5	100	839.41	769.41	764.41
B-2014	75	80	15	5	100	839.41	764.41	759.41
B-2014	80	85	16	4.9	98	839.41	759.41	754.41
B-2014	85	90	17	5	100	839.41	754.41	749.41
B-2014	90	95	18	5	100	839.41	749.41	744.41
B-2014	95	100	19	5	100	839.41	744.41	739.41
B-2014	100	105	20	5	100	839.41	739.41	734.41

B-2014	105	110	21	5	100	839.41	734.41	729.41
B-2014	110	115	22	5	100	839.41	729.41	724.41
B-2014	115	120	23	5	100	839.41	724.41	719.41
B-2015	60	65	12	5.2	100	846.68	786.68	781.68
B-2015	65	70	13	4.8	96	846.68	781.68	776.68
B-2015	70	75	14	5	100	846.68	776.68	771.68
B-2015	75	80	15	5	100	846.68	771.68	766.68
B-2015	80	85	16	5	100	846.68	766.68	761.68
B-2015	85	90	17	5	100	846.68	761.68	756.68
B-2015	90	95	18	5	100	846.68	756.68	751.68
B-2015	95	100	19	5	100	846.68	751.68	746.68
B-2015	100	105	20	5	100	846.68	746.68	741.68
B-2015	105	110	21	5	100	846.68	741.68	736.68
B-2015	110	115	22	5	100	846.68	736.68	731.68
B-2015	115	120	23	4.8	96	846.68	731.68	726.68
B-2015	120	125	24	4.9	98	846.68	726.68	721.68
B-2016	58.2	63.2	11	5	100	841.04	782.84	777.84
B-2016	63.2	68.2	12	4.8	96	841.04	777.84	772.84
B-2016	68.2	73.2	13	5	100	841.04	772.84	767.84
B-2016	73.2	78.2	14	4.9	98	841.04	767.84	762.84
B-2016	78.2	83.2	15	5	100	841.04	762.84	757.84
B-2016	88.2	93.2	16	5	100	841.04	752.84	747.84
B-2016	93.2	98.2	17	5	100	841.04	747.84	742.84
B-2016	98.2	103.2	18	5	100	841.04	742.84	737.84
B-2016	103.2	108.2	19	5	100	841.04	737.84	732.84
B-2016	108.2	113.2	20	5	100	841.04	732.84	727.84
B-2016	113.2	118.2	21	5	100	841.04	727.84	722.84
B-2016	118.2	123.2	22	5	100	841.04	722.84	717.84
B-2017	60	65	10	5	100	845.37	785.37	780.37
B-2017	65	70	11	5	100	845.37	780.37	775.37
B-2017	70	75	12	5	100	845.37	775.37	770.37
B-2017	75	80	13	5	100	845.37	770.37	765.37
B-2017	80	85	14	5	100	845.37	765.37	760.37
B-2017	85	90	15	5.1	100	845.37	760.37	755.37
B-2017	90	95	16	5	100	845.37	755.37	750.37
B-2017	95	100	17	5	100	845.37	750.37	745.37
B-2017	100	105	18	4.9	98	845.37	745.37	740.37
B-2017	105	110	19	5	100	845.37	740.37	735.37
B-2017	110	115	20	5.1	100	845.37	735.37	730.37
B-2017	115	120	21	5	100	845.37	730.37	725.37
B-2017	120	125	22	5	100	845.37	725.37	720.37
B-2018-OF	61	66.1	11	5.1	100	849.07	788.07	782.97
B-2018-OF	66.1	70.9	12	4.9	100	849.07	782.97	778.17
B-2018-OF	70.9	76.1	13	5.1	100	849.07	778.17	772.97
B-2018-OF	76.1	80.9	14	4.9	100	849.07	772.97	768.17
B-2018-OF	80.9	86.15	15	5.15	100	849.07	768.17	762.92
B-2018-OF	86.15	91	16	5	100	849.07	762.92	758.07
B-2018-OF	91	96	17	5	100	849.07	758.07	753.07
B-2018-OF	96	101	18	5	100	849.07	753.07	748.07
B-2018-OF	101	106	19			849.07	748.07	743.07
B-2018-OF	106	111.05	20	5.05	100	849.07	743.07	738.02
B-2018-OF	111.05	116.15	21	5.15	100	849.07	738.02	732.92
B-2018-OF	116.15	120.9	22	4.9	100	849.07	732.92	728.17

B-2018-OF	120.9	125.9	23	4.9	100	849.07	728.17	723.17
B-2018-OF	125.9	131.1	24	5.1	100	849.07	723.17	717.97
B-2019	65.7	70.7	13	4.3	100	852.57	786.87	781.87
B-2019	70.7	75.7	14	5	100	852.57	781.87	776.87
B-2019	75.7	80.7	15	5	100	852.57	776.87	771.87
B-2019	80.7	85.7	16	5	100	852.57	771.87	766.87
B-2019	85.7	90.7	17	5	100	852.57	766.87	761.87
B-2019	90.7	95.7	18	5	100	852.57	761.87	756.87
B-2019	95.7	100.7	19	5	100	852.57	756.87	751.87
B-2019	100.7	105.7	20	5	100	852.57	751.87	746.87
B-2019	105.7	110.7	21	5	100	852.57	746.87	741.87
B-2019	110.7	115.7	22	5	100	852.57	741.87	736.87
B-2019	115.7	120.7	23	5	100	852.57	736.87	731.87
B-2019	120.7	125.7	24	5	99	852.57	731.87	726.87
B-2019	125.7	130.7	25	5	100	852.57	726.87	721.87
B-2020	50	55	9	5	100	832.25	782.25	777.25
B-2020	55	60	10	5	100	832.25	777.25	772.25
B-2020	60	65	11	5	100	832.25	772.25	767.25
B-2020	65	70	12	4.9	98	832.25	767.25	762.25
B-2020	70	75	13	5.1	100	832.25	762.25	757.25
B-2020	75	80	14	5	100	832.25	757.25	752.25
B-2020	80	85	15	5	100	832.25	752.25	747.25
B-2020	85	90	16	4.9	98	832.25	747.25	742.25
B-2020	90	95	17	5	100	832.25	742.25	737.25
B-2020	95	100	18	5	100	832.25	737.25	732.25
B-2020	100	105	19	5	100	832.25	732.25	727.25
B-2020	105	110	20	5	100	832.25	727.25	722.25
B-2020	110	115	21	5	100	832.25	722.25	717.25
B-2021	65	70	13	5	100	849.56	784.56	779.56
B-2021	70	75	14	5	100	849.56	779.56	774.56
B-2021	75	80	15	5	100	849.56	774.56	769.56
B-2021	80	85	16	5	100	849.56	769.56	764.56
B-2021	85	90	17	5	100	849.56	764.56	759.56
B-2021	90	95	18	5	100	849.56	759.56	754.56
B-2021	95	100	19	5	100	849.56	754.56	749.56
B-2021	100	105	20	5	100	849.56	749.56	744.56
B-2021	105	110	21	5	100	849.56	744.56	739.56
B-2021	110	115	22	4.9	98	849.56	739.56	734.56
B-2021	115	120	23	5.1	100	849.56	734.56	729.56
B-2021	120	125	24	5	100	849.56	729.56	724.56
B-2021	125	130	25	4.6	92	849.56	724.56	719.56
B-2022	65	70	13	5	100	851.98	786.98	781.98
B-2022	70	75	14	5	100	851.98	781.98	776.98
B-2022	75	80	15	5	100	851.98	776.98	771.98
B-2022	80	85	16	5	100	851.98	771.98	766.98
B-2022	85	90	17	5	100	851.98	766.98	761.98
B-2022	90	95	18	4.7	94.1	851.98	761.98	756.98
B-2022	95	100	19	5	100	851.98	756.98	751.98
B-2022	100	105	20	5	100	851.98	751.98	746.98
B-2022	105	110	21	5	100	851.98	746.98	741.98
B-2022	110	115	22	5	100	851.98	741.98	736.98
B-2022	115	120	23	5	100	851.98	736.98	731.98
B-2022	120	125	24	5	100	851.98	731.98	726.98

B-2022	125	130	25	5	100	851.98	726.98	721.98
B-2023	60	65	12	5	100	843.55	783.55	778.55
B-2023	65	70	13	5	100	843.55	778.55	773.55
B-2023	70	75	14	5	100	843.55	773.55	768.55
B-2023	75	80	15	5	100	843.55	768.55	763.55
B-2023	80	85	16	5	100	843.55	763.55	758.55
B-2023	85	90	17	5	100	843.55	758.55	753.55
B-2023	90	95	18	5	100	843.55	753.55	748.55
B-2023	95	100	19	5	100	843.55	748.55	743.55
B-2023	100	105	20	5	100	843.55	743.55	738.55
B-2023	105	110	21	5	100	843.55	738.55	733.55
B-2024	52.3	57.3	10	5	100	838.15	785.85	780.85
B-2024	57.3	62.3	11	5	100	838.15	780.85	775.85
B-2024	62.3	67.3	12	5	100	838.15	775.85	770.85
B-2024	67.3	72.3	13	5	100	838.15	770.85	765.85
B-2024	72.3	77.3	14	5	100	838.15	765.85	760.85
B-2024	77.3	82.3	15	5	100	838.15	760.85	755.85
B-2024	82.3	87.3	16	5	100	838.15	755.85	750.85
B-2024	87.3	92.3	17	5	100	838.15	750.85	745.85
B-2024	92.3	97.3	18	5	100	838.15	745.85	740.85
B-2024	97.3	102.3	19	5	100	838.15	740.85	735.85
B-2024	102.3	107.3	20	5	100	838.15	735.85	730.85
B-2024	107.3	112.3	21	5	100	838.15	730.85	725.85
B-2024	112.3	117.3	22	5	100	838.15	725.85	720.85
B-2025	57	62	11	5.4	100	840.13	783.13	778.13
B-2025	62	67	12	5	100	840.13	778.13	773.13
B-2025	67	72	13	5	100	840.13	773.13	768.13
B-2025	72	77	14	4.8	100	840.13	768.13	763.13
B-2025	77	82	15	5.2	100	840.13	763.13	758.13
B-2025	82	87	16	5	100	840.13	758.13	753.13
B-2025	87	92	17	5.1	100	840.13	753.13	748.13
B-2025	92	97	18	5	100	840.13	748.13	743.13
B-2025	97	102	19	5	100	840.13	743.13	738.13
B-2025	102	107	20	5	100	840.13	738.13	733.13
B-2025	107	110	21	3	100	840.13	733.13	730.13
B-2026	50	55	9	5	100	833.49	783.49	778.49
B-2026	55	60	10	5	100	833.49	778.49	773.49
B-2026	60	65	11	5	100	833.49	773.49	768.49
B-2026	65	70	12	5	100	833.49	768.49	763.49
B-2026	70	75	13	5	100	833.49	763.49	758.49
B-2026	75	80	14	5	100	833.49	758.49	753.49
B-2026	80	85	15	5	100	833.49	753.49	748.49
B-2026	85	90	16	5	100	833.49	748.49	743.49
B-2026	90	95	17	5	100	833.49	743.49	738.49
B-2026	95	100	18	5	100	833.49	738.49	733.49
B-2026	100	105	19	5	100	833.49	733.49	728.49
B-2026	105	110	20	5	100	833.49	728.49	723.49
B-2026	110	115	21	5.1	100	833.49	723.49	718.49
B-2027	46	51	9	4.9	100	827.00	781.00	776.00
B-2027	51	56	10	4.9	100	827.00	776.00	771.00
B-2027	56	61	11	4.7	100	827.00	771.00	766.00
B-2027	61	66	12	5.1	100	827.00	766.00	761.00
B-2027	66	71	13	4.9	100	827.00	761.00	756.00

B-2027	71	75	14	4.1	100	827.00	756.00	752.00
B-2028	42.5	45.5	1	3.4	100	823.74	781.24	778.24
B-2028	45.5	52.5	2	5	100	823.74	778.24	771.24
B-2028	52.5	57.5	3	5	100	823.74	771.24	766.24
B-2028	57.5	62.5	4	5	100	823.74	766.24	761.24
B-2028	62.5	67.5	5	5	100	823.74	761.24	756.24
B-2028	67.5	72.5	6	5	100	823.74	756.24	751.24
B-2028	72.5	75.5	7	3	100	823.74	751.24	748.24
B-2029	61.5	64	11	2.5	100	843.58	782.08	779.58
B-2029	64	69	12	4.6	92	843.58	779.58	774.58
B-2029	69	71.5	13	2.7	100	843.58	774.58	772.08
B-2029	71.5	76.5	14	5.1	100	843.58	772.08	767.08
B-2029	76.5	81.5	15	4.9	98	843.58	767.08	762.08
B-2029	81.5	84	16	2.75	100	843.58	762.08	759.58
B-2029	84	89	17	4.8	96	843.58	759.58	754.58
B-2029	89	91	18	2.2	100	843.58	754.58	752.58
B-2029	91	96	19	5.1	100	843.58	752.58	747.58
B-2029	96	101	20	4.8	96	843.58	747.58	742.58
B-2029	101	106	21	5.1	90	843.58	742.58	737.58
B-2029	106	111	22	5	100	843.58	737.58	732.58
B-2029	111	116	23	5.1	100	843.58	732.58	727.58
B-2029	116	121	24	4.9	100	843.58	727.58	722.58
B-2029	121	126	25	4.7	98	843.58	722.58	717.58
B-2030	66.4	71.4	12	5	100	852.55	786.15	781.15
B-2030	71.4	76.4	13	5	100	852.55	781.15	776.15
B-2030	76.4	81.4	14	4.9	98	852.55	776.15	771.15
B-2030	81.4	86.4	15	5.1	100	852.55	771.15	766.15
B-2030	86.4	91.4	16	4.9	98	852.55	766.15	761.15
B-2030	91.4	96.4	17	5.1	100	852.55	761.15	756.15
B-2030	96.4	101.4	18	4.9	98	852.55	756.15	751.15
B-2030	101.4	106.4	19	5.1	100	852.55	751.15	746.15
B-2030	106.4	111.4	20	5	100	852.55	746.15	741.15
B-2030	111.4	116.4	21	5.1	100	852.55	741.15	736.15
B-2030	116.4	121.4	22	4.9	98	852.55	736.15	731.15
B-2030	121.4	126.4	23	5.1	100	852.55	731.15	726.15
B-2030	126.4	131.4	24	4.9	98	852.55	726.15	721.15
B-2031	70	75	13	5.1	100	853.14	783.14	778.14
B-2031	75	80	14	5	100	853.14	778.14	773.14
B-2031	80	85	15	5	100	853.14	773.14	768.14
B-2031	85	90	16	5	100	853.14	768.14	763.14
B-2031	90	95	17	5	100	853.14	763.14	758.14
B-2031	95	100	18	5	100	853.14	758.14	753.14
B-2032	69	74	18	6.7	100	852.99	783.99	778.99
B-2032	74	79	19	5	100	852.99	778.99	773.99
B-2032	79	84	20	5.2	100	852.99	773.99	768.99
B-2032	84	89	21	4.3	86	852.99	768.99	763.99
B-2032	89	94	22	4.4	88	852.99	763.99	758.99
B-2032	94	100	23	5.5	92	852.99	758.99	752.99
B-2033	66	71	13	5.2	100	850.69	784.69	779.69
B-2033	71	76	14	5	100	850.69	779.69	774.69
B-2034	55.9	60.9	11	5	100	839.12	783.22	778.22
B-2034	60.9	65.9	12	4.9	98	839.12	778.22	773.22
B-2034	65.9	70.9	13	5	100	839.12	773.22	768.22

B-2034	70.9	75.9	14	5.1	100	839.12	768.22	763.22
B-2034	75.9	80.9	15	5	100	839.12	763.22	758.22
B-2034	80.9	85.9	16	5	100	839.12	758.22	753.22
B-2034	85.9	90.9	17	5	100	839.12	753.22	748.22
B-2034	90.9	95.9	18	4.9	98	839.12	748.22	743.22
B-2034	95.9	100.9	19	5.1	100	839.12	743.22	738.22
B-2034	100.9	105.9	20	4.9	98	839.12	738.22	733.22
B-2034	105.9	110.9	21	5.1	100	839.12	733.22	728.22
B-2034	110.9	115.9	22	4.9	98	839.12	728.22	723.22
B-2034	115.9	120.9	23	5.1	100	839.12	723.22	718.22
B-2035	47	52	13	5	100	829.82	782.82	777.82
B-2035	52	57	14	5	100	829.82	777.82	772.82
B-2035	57	62	15	5	100	829.82	772.82	767.82
B-2035	62	67	16	5.1	100	829.82	767.82	762.82
B-2035	67	72	17	5	100	829.82	762.82	757.82
B-2035	72	77	18	5	100	829.82	757.82	752.82
B-2035	77	82	19	5	100	829.82	752.82	747.82
B-2035	82	87	20	5	100	829.82	747.82	742.82
B-2035	87	92	21	5	100	829.82	742.82	737.82
B-2035	92	97	22	5	100	829.82	737.82	732.82
B-2035	97	100.2	23	3.2	100	829.82	732.82	729.62
B-2036	50	55	11	5.1	100	832.35	782.35	777.35
B-2036	55	60	12	5	100	832.35	777.35	772.35
B-2036	60	65	13	4.9	100	832.35	772.35	767.35
B-2036	65	70	14	5.1	100	832.35	767.35	762.35
B-2036	70	75	15	5	100	832.35	762.35	757.35
B-2037	57	62	11	4.7	94	836.49	779.49	774.49
B-2037	62	67	12	5.1	100	836.49	774.49	769.49
B-2037	67	72	13	5.2	100	836.49	769.49	764.49
B-2037	72	77	14	5	100	836.49	764.49	759.49
B-2037	77	82	15	5.1	100	836.49	759.49	754.49
B-2037	82	87	16	5	100	836.49	754.49	749.49
B-2037	87	92	17	5.2	100	836.49	749.49	744.49
B-2037	92	97	18	4.7	94	836.49	744.49	739.49
B-2037	97	102	19	4.9	98	836.49	739.49	734.49
B-2037	102	107	20	5.2	100	836.49	734.49	729.49
B-2037	107	112	21	5.1	100	836.49	729.49	724.49
B-2037	112	117	22	5.1	100	836.49	724.49	719.49
B-2037	117	122	23	5.1	100	836.49	719.49	714.49
B-2038	51	56	10	5.1	100	836.95	785.95	780.95
B-2038	56	61	11	4.9	98	836.95	780.95	775.95
B-2038	61	66	12	5.1	100	836.95	775.95	770.95
B-2038	66	71	13	5	100	836.95	770.95	765.95
B-2038	71	76	14	4.9	98	836.95	765.95	760.95
B-2038	76	81	15	5.1	100	836.95	760.95	755.95
B-2038	81	86	16	4.9	98	836.95	755.95	750.95
B-2038	86	91	17	5	100	836.95	750.95	745.95
B-2038	91	96	18	5.1	100	836.95	745.95	740.95
B-2038	96	101	19	5	100	836.95	740.95	735.95
B-2038	101	106	20	5	100	836.95	735.95	730.95
B-2038	106	111	21	4.9	98	836.95	730.95	725.95
B-2038	111	116	22	5.1	100	836.95	725.95	720.95
B-2039	51	56	10	5	100	833.49	782.49	777.49

B-2039	56	61	11	5.1	100	833.49	777.49	772.49
B-2039	61	66	12	5	100	833.49	772.49	767.49
B-2039	66	71	13	5	100	833.49	767.49	762.49
B-2039	71	76	14	5	100	833.49	762.49	757.49
B-2040	55.5	60.5	11	5	100	835.14	779.64	774.64
B-2040	60.5	65.5	12	5	100	835.14	774.64	769.64
B-2040	65.5	70.5	13	4.9	98	835.14	769.64	764.64
B-2040	70.5	75.5	14	5.1	100	835.14	764.64	759.64
B-2040	75.5	80.5	15	5	100	835.14	759.64	754.64
B-2040	80.5	85.5	16	5	100	835.14	754.64	749.64
B-2040	85.5	90.5	17	5	100	835.14	749.64	744.64
B-2040	90.5	95.5	18	5	100	835.14	744.64	739.64
B-2040	95.5	100.5	19	5	100	835.14	739.64	734.64
B-2041	51.4	56.4	10	4.9	98	831.76	780.36	775.36
B-2041	56.4	61.4	11	5.15	100	831.76	775.36	770.36
B-2041	61.4	66.4	12	5	100	831.76	770.36	765.36
B-2041	66.4	71.4	13	5.1	100	831.76	765.36	760.36
B-2041	71.4	76.4	14	5	100	831.76	760.36	755.36
B-2041	76.4	81.4	15	5.05	100	831.76	755.36	750.36
B-2041	81.4	86.4	16	4.95	99	831.76	750.36	745.36
B-2041	86.4	91.4	17	5.1	100	831.76	745.36	740.36
B-2041	91.4	96.4	18	4.95	99	831.76	740.36	735.36
B-2041	96.4	101.4	19	5	100	831.76	735.36	730.36
B-2041	101.4	106.4	20	5	100	831.76	730.36	725.36
B-2041	106.4	111.4	21	5	100	831.76	725.36	720.36
B-2041	111.4	116.4	22	5	100	831.76	720.36	715.36
B-2041-A	50	55	10	5.1	100	831.76	781.76	776.76
B-2041-A	55	60	11	4.9	100	831.76	776.76	771.76
B-2041-A	60	65	12	5.1	100	831.76	771.76	766.76
B-2041-A	65	70	13	4.8	98	831.76	766.76	761.76
B-2041-A	70	75	14	5.1	100	831.76	761.76	756.76
B-2041-A	75	80	15	5	100	831.76	756.76	751.76
B-2041-A	80	85	16	5	100	831.76	751.76	746.76
B-2041-A	85	90	17	5	100	831.76	746.76	741.76
B-2041-A	90	95	18	5	100	831.76	741.76	736.76
B-2041-A	95	100	19	5	100	831.76	736.76	731.76
B-2041-A	100	105	20	5	100	831.76	731.76	726.76
B-2041-A	105	110	21	4.95	100	831.76	726.76	721.76
B-2041-A	110	115	22	5.05	100	831.76	721.76	716.76
B-2042	50	55	9	4.9	98	830.75	780.75	775.75
B-2042	55	60	10	5.1	100	830.75	775.75	770.75
B-2042	60	65	11	5.1	100	830.75	770.75	765.75
B-2042	65	70	12	5	100	830.75	765.75	760.75
B-2042	70	75	13	5.1	100	830.75	760.75	755.75
B-2042	75	80	14	5	100	830.75	755.75	750.75
B-2042	80	85	15	4.9	98	830.75	750.75	745.75
B-2042	85	90	16	5	100	830.75	745.75	740.75
B-2042-A	50	55	15	5.2	100	830.75	780.75	775.75
B-2042-A	55	60	16	5	100	830.75	775.75	770.75
B-2042-A	60	65	17	5.2	100	830.75	770.75	765.75
B-2042-A	65	70	18	5.1	100	830.75	765.75	760.75
B-2042-A	70	75	19	4.9	98	830.75	760.75	755.75
B-2042-A	75	80	20	4.9	98	830.75	755.75	750.75

B-2042-A	80	85	21	5	100	830.75	750.75	745.75
B-2042-A	85	90	22	5	100	830.75	745.75	740.75
B-2042-A	90	95	23	5.1	100	830.75	740.75	735.75
B-2042-A	95	100	24	5	100	830.75	735.75	730.75
B-2042-A	100	105	25	5.1	100	830.75	730.75	725.75
B-2042-A	105	110	26	5	100	830.75	725.75	720.75
B-2042-A	110	115	27	4.9	98	830.75	720.75	715.75
B-2044	61.2	66.2	10	5.1	100	843.46	782.26	777.26
B-2044	66.2	71.4	11	5.1	100	843.46	777.26	772.06
B-2044	71.4	75.2	12	3.8	100	843.46	772.06	768.26
B-2045	45	50	12	5.1	100	832.33	787.33	782.33
B-2045	50	55	13	4.9	98	832.33	782.33	777.33
B-2045	55	60	14	5.1	100	832.33	777.33	772.33
B-2045	60	65	15	5	100	832.33	772.33	767.33
B-2045	65	70	16	4.9	98	832.33	767.33	762.33
B-2045	70	75	17	5.1	100	832.33	762.33	757.33
B-2046	44.5	49.5	8	5	100	828.07	783.57	778.57
B-2046	49.5	54.5	9	5.1	100	828.07	778.57	773.57
B-2046	54.5	59.5	10	5.1	100	828.07	773.57	768.57
B-2046	59.5	64.5	11	5	100	828.07	768.57	763.57
B-2046	64.5	69.5	12	4.9	98	828.07	763.57	758.57
B-2046	69.5	74.5	13	5.1	100	828.07	758.57	753.57
B-2047	13.3	18.3	3	4.8	96	793.70	780.40	775.40
B-2047	18.3	23.3	4	5.1	100	793.70	775.40	770.40
B-2047	23.3	28.3	5	5.2	100	793.70	770.40	765.40
B-2047	28.3	33.3	6	5	100	793.70	765.40	760.40
B-2047	33.3	38.3	7	5.3	100	793.70	760.40	755.40
B-2047	38.3	43.3	8	5.1	100	793.70	755.40	750.40
B-2047	43.3	48.3	9	5.2	100	793.70	750.40	745.40
B-2047	48.3	53.3	10	5.2	100	793.70	745.40	740.40
B-2047	53.3	58.3	11	5.2	100	793.70	740.40	735.40
B-2047	58.3	63.3	12	5.1	100	793.70	735.40	730.40
B-2047	63.3	68.3	13	4.85	97	793.70	730.40	725.40
B-2047	68.3	73.3	14	5.35	100	793.70	725.40	720.40
B-2047	73.3	75	15	1.7	100	793.70	720.40	718.70
B-2048	56.2	61.2	9	5	100	844.18	787.98	782.98
B-2048	61.2	66.2	10	5	100	844.18	782.98	777.98
B-2048	66.2	71.2	11	5	100	844.18	777.98	772.98
B-2048	71.2	76.2	12	5	100	844.18	772.98	767.98
B-2048	76.2	81.2	13	5	100	844.18	767.98	762.98
B-2048	81.2	86.2	14	5	100	844.18	762.98	757.98
B-2048	86.2	91.2	15	5	100	844.18	757.98	752.98
B-2048	91.2	96.4	16	5.2	100	844.18	752.98	747.78
B-2048	96.4	101.4	17	5	100	844.18	747.78	742.78
B-2048	101.4	106.4	18	4.9	100	844.18	742.78	737.78
B-2048	106.4	111.4	19	5	100	844.18	737.78	732.78
B-2048	111.4	116.4	20	5.2	100	844.18	732.78	727.78
B-2048	116.4	121.4	21	5	100	844.18	727.78	722.78
B-2048	121.4	126.4	22	5	100	844.18	722.78	717.78
B-2049	56	61	14	5	100	839.66	783.66	778.66
B-2049	61	66	15	5	100	839.66	778.66	773.66
B-2049	66	71	16	5	100	839.66	773.66	768.66
B-2049	71	76	17	5	100	839.66	768.66	763.66

B-2049	76	81	18	4.9	98	839.66	763.66	758.66
B-2049	81	86	19	5.1	100	839.66	758.66	753.66
B-2049	86	91	20	5	100	839.66	753.66	748.66
B-2049	91	96	21	4.8	96	839.66	748.66	743.66
B-2049	96	101	22	5.1	100	839.66	743.66	738.66
B-2050	45.5	50.5	14	5.1	100	827.85	782.35	777.35
B-2050	50.5	55.5	15	5	100	827.85	777.35	772.35
B-2050	55.5	60.5	16	4.9	98	827.85	772.35	767.35
B-2050	60.5	65.5	17	5	100	827.85	767.35	762.35
B-2050	65.5	70.5	18	5.1	100	827.85	762.35	757.35
B-2050	70.5	75.5	19	5	100	827.85	757.35	752.35
B-2050	75.5	80.5	20	5.1	100	827.85	752.35	747.35
B-2050	80.5	85.5	21	5	100	827.85	747.35	742.35
B-2050	85.5	90.5	22	5.1	100	827.85	742.35	737.35
B-2050	90.5	95.5	23	5	100	827.85	737.35	732.35
B-2050	95.5	100.5	24	5	100	827.85	732.35	727.35
B-2051	29.4	34.4	6	4.9	98	809.97	780.57	775.57
B-2051	34.4	39.4	7	5.3	100	809.97	775.57	770.57
B-2051	39.4	44.4	8	5	100	809.97	770.57	765.57
B-2051	44.4	49.4	9	5	100	809.97	765.57	760.57
B-2051	49.4	54.4	10	5.2	100	809.97	760.57	755.57
B-2051	54.4	59.4	11	4.9	98	809.97	755.57	750.57
B-2051	59.4	64.4	12	5.1	100	809.97	750.57	745.57
B-2051	64.4	69.4	13	5.2	100	809.97	745.57	740.57
B-2051	69.4	74.4	14	4.9	100	809.97	740.57	735.57
B-2051	74.4	79.4	15	5.1	100	809.97	735.57	730.57
B-2051	79.4	84.4	16	5	100	809.97	730.57	725.57
B-2051	84.4	89.4	17	5	100	809.97	725.57	720.57
B-2052	60	65	14	5.2	100	846.57	786.57	781.57
B-2052	65	70	15	5	100	846.57	781.57	776.57
B-2052	70	75	16	5	100	846.57	776.57	771.57
B-2053	55	60	15	5	100	839.10	784.10	779.10
B-2053	60	65	16	5	100	839.10	779.10	774.10
B-2053	65	70	17	5	100	839.10	774.10	769.10
B-2053	70	75	18	5	100	839.10	769.10	764.10
B-2054	51	56	11	5	100	834.54	783.54	778.54
B-2054	56	61	12	5	100	834.54	778.54	773.54
B-2054	61	66	13	5	100	834.54	773.54	768.54
B-2054	66	71	14	5	100	834.54	768.54	763.54
B-2054	71	75	15	3.7	93	834.54	763.54	759.54
B-2055	33.3	38.3	7	4.9	98	815.25	781.95	776.95
B-2055	38.3	43.3	8	5.2	100	815.25	776.95	771.95
B-2055	43.3	48.3	9	5	100	815.25	771.95	766.95
B-2055	48.3	53.3	10	4.85	96	815.25	766.95	761.95
B-2055	53.3	58.3	11	5.2	100	815.25	761.95	756.95
B-2055	58.3	63.3	12	4.9	98	815.25	756.95	751.95
B-2055	63.3	68.3	13	5.1	100	815.25	751.95	746.95
B-2055	68.3	73.3	14	5.1	100	815.25	746.95	741.95
B-2055	73.3	75.2	15	1.7	100	815.25	741.95	740.05
B-2059	45	50	9	4.7	94	831.73	786.73	781.73
B-2063	45.5	50.1	12	4.6	100	828.15	782.65	778.05

vation

Point	RQD Average
B-1000	99.23076923
B-1001	96
B-1002	100
B-1003	99.69230769
B-1003 offset	99.53846154
B-1004	98.42857143
B-1005	99.66666667
B-1006	99
B-1007	99.38461538
B-1008	97
B-1009-I	98.14285714
B-1010	99.23076923
B-1011-I	99.46153846
B-1012	91.53846154
B-1013	99.07692308
B-1014	99.38461538
B-1015	98.4
B-1016	100
B-1017	100
B-1018	98.46153846
B-1019	100
B-1020	99.46153846
B-1021	99.07692308
B-1022	99.84615385
B-1023	98.75
B-1024	100
B-1025	95.83333333
B-1026	94.71428571
B-1027	99.69230769
B-1028	83.75
B-1029	99.23076923
B-1030	100
B-1031	98
B-1032	100
B-1034	99.84615385
B-1035	100
B-1036	100
B-1037	99.23076923
B-1038	99.84615385
B-1039	99.33333333
B-1040	99.71428571
B-1041	100
B-1042	99.61538462
B-1043	100
B-1044	100
B-1045	99.6
B-1046	98.5
B-1047	99.35714286
B-1048	99.8
B-1049	100
B-1050	99.33333333

B-1051	98.66666667
B-1052	94.33333333
B-1053	96.66666667
B-1054	100
B-1063	99.2
B-1064	98.6
B-2000	100
B-2001	99.23076923
B-2002	99.83333333
B-2003	100
B-2003 offset	99.16666667
B-2004	99.76923077
B-2005	98.69230769
B-2006	99.07692308
B-2007	92.5
B-2008	99.33333333
B-2009-I	99.84615385
B-2010	99.84615385
B-2011-I	99.38461538
B-2012	98.92307692
B-2013	98.92307692
B-2014	99.84615385
B-2015	99.23076923
B-2016	99.5
B-2017	99.84615385
B-2018 offset	100
B-2019	99.92307692
B-2020	99.69230769
B-2021	99.23076923
B-2022	99.54615385
B-2023	100
B-2024	100
B-2025	100
B-2026	100
B-2027	100
B-2028	100
B-2029	98
B-2030	99.23076923
B-2031	100
B-2032	94.33333333
B-2033	100
B-2034	99.38461538
B-2035	100
B-2036	100
B-2037	98.92307692
B-2038	99.38461538
B-2039	100
B-2040	99.77777778
B-2041	99.69230769
B-2041-A	99.84615385
B-2042	99.5
B-2042-A	99.53846154
B-2044	100

B-2045	99.33333333
B-2046	99.66666667
B-2047	99.46153846
B-2048	100
B-2049	99.33333333
B-2050	99.81818182
B-2051	99.66666667
B-2052	100
B-2053	100
B-2054	98.6
B-2055	99.11111111
B-2059	94
B-2063	100

Layer D

PointID	Depth	Bottom	Run Number	Recovery	RQD	Elevation	Beginning E	Ending Elev
B-1000	130	135	29	5.1	100	851.008	721.008	716.008
B-1001	125.4	130.4	24	5	100	842.38	716.98	711.98
B-1002	127.2	132.2	25	5	100	844.663	717.463	712.463
B-1003	141.5	146.5	27	4.9	98	861.69	720.19	715.19
B-1003 offs	142.5	147.5	33	5	100	861.77	719.27	714.27
B-1006	127.2	132.2	26	3.9	78	847.72	714.27	715.52
B-1006	132.2	133.2	27	1.3	100	847.72	719.52	714.52
B-1007	121.7	126.7	24	5	100	843.62	721.92	716.92
B-1009-I	135.6	140.6	26	4.9	98	857.20	721.60	716.60
B-1010	140	145	26	5	100	861.44	721.44	716.44
B-1011-I	135.6	140.6	27	5	100	854.71	719.11	714.11
B-1012	124	129	25	3.7	74	844.04	720.04	715.04
B-1014	131	136	25	4.8	96	851.20	720.20	715.20
B-1015	136.2	141.3	29	5.1	100	858.09	721.89	716.79
B-1017	141.5	146.4	27	4.9	100	866.37	724.87	719.97
B-1017	146.4	150	28	3.6	100	866.37	719.97	716.37
B-1022	141	146	26	4.9	98	863.48	722.48	717.48
B-1023	140.5	145.5	26	5	100	865.68	725.18	720.18
B-1025	141	146	26	4.7	94	861.52	720.52	715.52
B-1027	141	146	34	5	100	863.62	722.62	717.62
B-1029	128	133	26	4.8	96	846.88	718.88	713.88
B-1030	141.4	142	33	5	100	858.58	721.58	716.58
B-1037	131.3	136.3	25	5.1	100	852.84	721.54	716.54
B-1041	124.8	129.8	24	5	98	845.30	720.50	715.50
B-1042	126	131	24	4.8	96	846.41	720.41	715.41
B-1050	120	125	32	5	100	838.50	718.50	713.50
B-2001	121	126	24	5.1	100	837.89	716.89	711.89
B-2002	117	122	23	5.2	100	837.21	720.21	715.21
B-2003	123	128	23	5	100	840.99	717.99	712.99
B-2003 offs	120	125	23	5	100	841.14	721.14	716.14
B-2004	131	136	26	5	100	850.53	719.53	714.53
B-2006	126	131	30	4.75	95	844.99	718.99	713.99
B-2007	120	125	23	5.1	100	841.23	721.23	716.23
B-2008	120	125	25	4.85	97	840.62	720.62	715.62
B-2010	128.4	133.4	25	0.5	100	846.41	718.01	713.01
B-2011-I	125.6	130.6	23	5.1	100	847.08	721.48	716.48
B-2012	127	132	25	5	100	847.19	720.19	715.19
B-2013	125.5	130.5	26	4.8	96	846.96	721.46	716.46
B-2014	120	125	24	5	100	839.41	719.41	714.41
B-2015	125	130	25	4.9	98	846.68	721.68	716.68
B-2016	123.2	128.2	23	5	100	841.04	717.84	712.84
B-2017	125	130	23	4.9	98	845.37	720.37	715.37
B-2018-OF	131.1	135.9	25	4.9	100	849.07	717.97	713.17
B-2019	130.7	135.7	26	5	100	852.57	721.87	716.87
B-2020	115	120	22	4.8	96	832.25	717.25	712.25
B-2021	130	135	26	5.2	100	849.56	719.56	714.56
B-2022	130	135	26	5	100	851.98	721.98	716.98
B-2024	117.3	122.3	23	5	100	838.15	720.85	715.85
B-2026	115	120	22	5.2	100	833.49	718.49	713.49
B-2030	131.4	136.4	25	5	100	852.55	721.15	716.15
B-2034	120.9	125.9	24	4.9	98	839.12	718.22	713.22

B-2038	116	121	23	4.5	90	836.95	720.95	715.95
B-2051	89.4	94.4	18	4.9	98	809.97	720.57	715.57
B-2051	94.4	99.4	19	5.1	100	809.97	715.57	710.57

CORE SAMPLES

vation

Point	RQD Average
B-1000	100
B-1001	100
B-1002	100
B-1003	98
B-1003 offset	100
B-1006	89
B-1007	100
B-1009-I	98
B-1010	100
B-1011-I	100
B-1012	74
B-1014	96
B-1015	100
B-1017	100
B-1022	98
B-1023	100
B-1025	94
B-1027	100
B-1029	96
B-1030	100
B-1037	100
B-1041	98
B-1042	96
B-1050	100
B-2001	100
B-2002	100
B-2003	100
B-2003 offset	100
B-2004	100
B-2006	95
B-2007	100
B-2008	97
B-2010	100
B-2011-I	100
B-2012	100
B-2013	96
B-2014	100
B-2015	98
B-2016	100
B-2017	98
B-2018 offset	100
B-2019	100
B-2020	96
B-2021	100
B-2024	100
B-2026	100
B-2030	100
B-2034	98
B-2038	90
B-2051	99

Layer E

PointID	Depth	Bottom	Run Number	Recovery	RQD	Elevation	Beginning E	Ending Elev
B-1000	135	140	30	4.9	98	851.01	716.01	711.01
B-1000	140	145	31	5	100	851.01	711.01	706.01
B-1000	145	150	32	5.2	100	851.01	701.01	701.01
B-1000	150	155	33	4.7	94	851.01	701.01	696.01
B-1000	155	160	34	5	100	851.01	696.01	691.01
B-1000	160	165	35	5.1	100	851.01	691.01	686.01
B-1000	165	170	36	5	100	851.01	686.01	681.01
B-1000	170	175	37	5	100	851.01	681.01	676.01
B-1000	175	180	38	4.9	98	851.01	676.01	671.01
B-1000	180	185	39	5.1	100	851.01	671.01	666.01
B-1000	185	190	40	5	100	851.01	666.01	661.01
B-1000	190	195	41	5	100	851.01	661.01	656.01
B-1000	195	200	42	5	100	851.01	656.01	651.01
B-1000	200	205	43	5	100	851.01	651.01	646.01
B-1000	205	210	44	4.9	98	851.01	646.01	641.01
B-1000	210	215	45	4.9	98	851.01	641.01	636.01
B-1000	215	220	46	5	100	851.01	636.01	631.01
B-1000	220	225	47	4.9	98	851.01	631.01	626.01
B-1000	225	230	48	5	100	851.01	626.01	621.01
B-1001	125.4	130.4	24	5	100	842.38	716.98	711.98
B-1001	130.4	135.4	25	5	100	842.38	711.98	706.98
B-1001	135.4	140.4	26	5	100	842.38	706.98	701.98
B-1001	140.4	145.4	27	5	100	842.38	701.98	696.98
B-1001	145.4	150.4	28	4.6	92	842.38	696.98	691.98
B-1001	150.4	155.4	29	5	100	842.38	691.98	686.98
B-1001	155.4	160.4	30	5	100	842.38	686.98	681.98
B-1001	160.4	165.4	31	5.1	100	842.38	681.98	676.98
B-1001	165.4	170.4	32	5	100	842.38	676.98	671.98
B-1001	170.4	175.4	33	5	100	842.38	671.98	666.98
B-1001	175.4	180.4	34	4.9	98	842.38	666.98	661.98
B-1001	180.4	185.4	35	5	100	842.38	661.98	656.98
B-1001	185.4	190.4	36	5	100	842.38	656.98	651.98
B-1001	190.4	195.4	37	5	100	842.38	651.98	646.98
B-1001	195.4	200.4	38	4.3	86	842.38	646.98	641.98
B-1001	200.4	205.4	39	4.7	94	842.38	641.98	636.98
B-1001	205.4	210.4	40	5	100	842.38	636.98	631.98
B-1001	210.4	215.4	41	4.9	98	842.38	631.98	626.98
B-1001	215.4	220.4	42	5	100	842.38	626.98	621.98
B-1002	127.2	132.2	25	5	100	844.66	717.46	710.18
B-1002	132.2	137.2	26	5	100	844.66	710.18	707.46
B-1002	137.2	142.2	27	5	100	844.66	707.46	702.46
B-1002	142.2	147.2	28	5	100	844.66	702.46	697.46
B-1002	147.2	152.2	29	5	100	844.66	697.46	692.46
B-1002	152.2	157.2	30	5	100	844.66	692.46	687.46
B-1002	157.2	162.2	31	5	100	844.66	687.46	682.46
B-1002	162.2	167.2	32	5	100	844.66	682.46	677.46
B-1002	167.2	172.2	33	5	100	844.66	677.46	672.46
B-1002	172.2	177.2	34	5	100	844.66	672.46	667.46
B-1002	177.2	182.2	35	5	100	844.66	667.46	662.46
B-1002	182.2	187.2	36	5	100	844.66	662.46	657.46
B-1002	187.2	192.2	37	4.8	96	844.66	657.46	652.46

B-1002	192.2	197.2	38	5	100	844.66	652.46	647.46
B-1002	197.2	202.2	39	4.4	88	844.66	647.46	642.46
B-1002	202.2	207.2	40	5	94	844.66	642.46	637.46
B-1002	207.2	212.2	41	5	100	844.66	637.46	632.46
B-1002	212.2	217.2	42	5	100	844.66	632.46	627.46
B-1003	146.5	151.5	28	4.7	94	861.69	715.19	710.19
B-1003	151.5	156.5	29	5	100	861.69	710.19	705.19
B-1003	156.5	161.5	30	5	100	861.69	705.19	700.19
B-1003	161.5	166.5	31	5	100	861.69	700.19	695.19
B-1003	166.5	171.5	32	5	100	861.69	695.19	690.19
B-1003	171.5	176.5	33	5	100	861.69	690.19	685.19
B-1003	176.5	181.5	34	5	100	861.69	685.19	680.19
B-1003	181.5	186.5	35	5	100	861.69	680.19	675.19
B-1003	186.5	191.5	36	5	100	861.69	675.19	670.19
B-1003	191.5	196.5	37	5	100	861.69	670.19	665.19
B-1003	196.5	201.5	38	4.85	97	861.69	665.19	660.19
B-1003	201.5	206.5	39	5	100	861.69	660.19	655.19
B-1003	206.5	211.5	40	5	100	861.69	655.19	650.19
B-1003	211.5	216.5	41	4.6	92	861.69	650.19	645.19
B-1003	216.5	221.5	42	4.5	90	861.69	645.19	640.19
B-1003	221.5	226.5	43	5	100	861.69	640.19	635.19
B-1003	226.5	231.5	44	5	100	861.69	635.19	630.19
B-1003	231.5	236.5	45	4.8	96	861.69	630.19	625.19
B-1003 offs	147.5	152.5	34	5	100	861.77	714.27	709.27
B-1003 offs	152.5	157.5	35	5	100	861.77	709.27	704.27
B-1003 offs	157.5	162.5	36	5	100	861.77	704.27	699.27
B-1003 offs	162.5	167.5	37	5	100	861.77	699.27	694.27
B-1003 offs	167.5	172.5	38	5	100	861.77	694.27	689.27
B-1003 offs	172.5	177.5	39	5	100	861.77	689.27	684.27
B-1003 offs	177.5	182.5	40	5	100	861.77	684.27	679.27
B-1003 offs	182.5	187.5	41	5.1	100	861.77	679.27	674.27
B-1003 offs	187.5	192.5	42	5	100	861.77	674.27	669.27
B-1003 offs	192.5	197.5	43	5	100	861.77	669.27	664.27
B-1003 offs	197.5	202.5	44	5	100	861.77	664.27	659.27
B-1003 offs	202.5	207.5	45	5.1	100	861.77	659.27	654.27
B-1003 offs	207.5	212.5	46	5	100	861.77	654.27	649.27
B-1003 offs	212.5	217.5	47	4.2	84	861.77	649.27	644.27
B-1003 offs	217.5	222.5	48	4.9	98	861.77	644.27	639.27
B-1003 offs	222.5	227.5	49	5	100	861.77	639.27	634.27
B-1003 offs	227.5	232.5	50	5	100	861.77	634.27	629.27
B-1004	142.5	147.5	27	4.9	98	859.70	717.20	712.20
B-1004	147.5	152.5	28	4.9	98	859.70	712.20	707.20
B-1004	152.5	157.5	29	5.1	100	859.70	707.20	702.20
B-1004	157.5	162.5	30	5	100	859.70	702.20	697.20
B-1004	162.5	167.5	31	4.9	98	859.70	697.20	692.20
B-1004	167.5	172.5	32	5	100	859.70	692.20	687.20
B-1004	172.5	177.5	33	5	100	859.70	687.20	682.20
B-1004	177.5	182.5	34	4.8	96	859.70	682.20	677.20
B-1004	182.5	187.5	35	5.2	100	859.70	677.20	672.20
B-1004	187.5	192.5	36	4.9	98	859.70	672.20	667.20
B-1004	192.5	197.5	37	5	100	859.70	667.20	662.20
B-1004	197.5	202.5	38	5	100	859.70	662.20	657.20
B-1004	202.5	207.5	39	4.8	96	859.70	657.20	652.20

B-1004	207.5	212.5	40	4.9	98	859.70	652.20	647.20
B-1004	212.5	217.5	41	5	100	859.70	647.20	642.20
B-1004	217.5	222.5	42	4.9	98	859.70	642.20	637.20
B-1004	222.5	227.5	43	5.1	100	859.70	637.20	632.20
B-1004	227.5	232.5	44	5	100	859.70	632.20	627.20
B-1005	140	145	33	5.1	100	857.02	717.02	712.02
B-1005	145	150	34	4.9	98	857.02	712.02	707.02
B-1005	150	155	35	5	100	857.02	707.02	702.02
B-1005	155	160	36	5	100	857.02	702.02	697.02
B-1005	160	165	37	5	100	857.02	697.02	692.02
B-1005	165	170	38	4.8	96	857.02	692.02	687.02
B-1005	170	175	39	5	100	857.02	687.02	682.02
B-1005	175	180	40	5.2	100	857.02	682.02	677.02
B-1005	180	185	41	5	100	857.02	677.02	672.02
B-1005	185	190	42	5.1	100	857.02	672.02	667.02
B-1005	190	195	43	4.9	98	857.02	667.02	662.02
B-1005	195	200	44	4.8	96	857.02	662.02	657.02
B-1005	200	205	45	4.9	98	857.02	657.02	652.02
B-1005	205	210	46	5	100	857.02	652.02	647.02
B-1005	210	214	47	3.5	87.5	857.02	647.02	643.02
B-1005	214	215	48	0	0	857.02	643.02	642.02
B-1005	215	220	49	4.7	94	857.02	642.02	637.02
B-1005	220	225	50	5	100	857.02	637.02	632.02
B-1006	133.2	137.2	28	4	100	847.72	715.52	710.52
B-1006	137.2	138.2	29	0.7	70	847.72	710.52	709.52
B-1006	138.2	142.2	30	4.2	100	847.72	709.52	705.52
B-1006	142.2	147.2	31	5	100	847.72	705.52	700.52
B-1006	147.2	152.2	32	5	100	847.72	700.52	695.52
B-1006	152.2	157.2	33	5	100	847.72	695.52	690.52
B-1006	157.2	162.2	34	4.9	98	847.72	690.52	685.52
B-1006	162.2	167.2	35	5.1	100	847.72	685.52	680.52
B-1006	167.2	172.2	36	5	100	847.72	680.52	675.52
B-1006	172.2	177.2	37	5	100	847.72	675.52	670.52
B-1006	177.2	182.2	38	4.9	98	847.72	670.52	665.52
B-1006	182.2	187.2	39	4.9	98	847.72	665.52	660.52
B-1006	187.2	192.2	40	5.2	100	847.72	660.52	655.52
B-1006	192.2	197.2	41	4.6	92	847.72	655.52	650.52
B-1006	197.2	202.2	42	4.9	98	847.72	650.52	645.52
B-1006	202.2	207.2	43	4.1	82	847.72	645.52	640.52
B-1006	207.2	212.2	44	5.2	100	847.72	640.52	635.52
B-1006	212.2	217.2	45	5.1	100	847.72	635.52	630.52
B-1006	217.2	222.2	46	5	100	847.72	630.52	625.52
B-1006	222.2	225	47	2.9	100	847.72	625.52	622.72
B-1007	126.7	131.7	25	5	100	843.62	716.92	711.92
B-1007	131.7	136.7	26	5	100	843.62	711.92	706.92
B-1007	136.7	141.7	27	5	100	843.62	706.92	701.92
B-1007	141.7	146.7	28	5	100	843.62	701.92	696.92
B-1007	146.7	151.7	29	5	100	843.62	696.92	691.92
B-1007	151.7	156.7	30	5	100	843.62	691.92	686.92
B-1007	156.7	161.7	31	5	100	843.62	686.92	681.92
B-1007	161.7	166.7	32	5	100	843.62	681.92	676.92
B-1007	166.7	171.7	33	5	100	843.62	676.92	671.92
B-1007	171.7	176.7	34	5	100	843.62	671.92	666.92

B-1007	176.7	181.7	35	5	100	843.62	666.92	661.92
B-1007	181.7	186.7	36	5	100	843.62	661.92	656.92
B-1007	186.7	191.7	37	5	100	843.62	656.92	651.92
B-1007	191.7	196.7	38	4.2	84	843.62	651.92	646.92
B-1007	196.7	201.7	39	4.5	90	843.62	646.92	641.92
B-1007	201.7	206.7	40	5	100	843.62	641.92	636.92
B-1007	206.7	211.7	41	5	100	843.62	636.92	631.92
B-1007	211.7	216.7	42	5	100	843.62	631.92	626.92
B-1007	216.7	221.7	43	4.8	96	843.62	626.92	621.92
B-1008	128.2	133.2	25	5	92	847.56	719.36	714.36
B-1008	133.2	138.2	26	5	100	847.56	714.36	709.36
B-1008	138.2	143.2	27	5	100	847.56	709.36	704.36
B-1008	143.2	148.2	28	5.2	100	847.56	704.36	699.36
B-1008	148.2	153.2	29	5	100	847.56	699.36	694.36
B-1008	153.2	158.2	30	5	100	847.56	694.36	689.36
B-1008	158.2	163.2	31	5.4	100	847.56	689.36	684.36
B-1008	163.2	168.2	32	5.05	100	847.56	684.36	679.36
B-1008	168.2	173.2	33	4.9	98	847.56	679.36	674.36
B-1008	173.2	178.2	34	5.05	100	847.56	674.36	669.36
B-1008	178.2	183.2	35	5.1	100	847.56	669.36	664.36
B-1008	183.2	188.2	36	5.1	100	847.56	664.36	659.36
B-1008	188.2	193.2	37	4.95	100	847.56	659.36	654.36
B-1008	193.2	198.2	38	4.7	94	847.56	654.36	649.36
B-1008	198.2	203.2	39	4.5	80	847.56	649.36	644.36
B-1008	203.2	208.2	40	4.5	90	847.56	644.36	639.36
B-1008	208.2	212.7	41	4.5	100	847.56	639.36	634.86
B-1008	212.7	213.2	41a	0	0	847.56	634.86	634.36
B-1008	213.2	218.2	42	4.8	96	847.56	634.36	629.36
B-1009-I	140.6	145.6	27	5	100	857.20	716.60	711.60
B-1009-I	145.6	150.6	28	5.15	100	857.20	711.60	706.60
B-1009-I	150.6	155.6	29	4.3	86	857.20	706.60	701.60
B-1009-I	155.6	158.6	30	6.1	100	857.20	701.60	698.60
B-1009-I	158.6	160.6	31	4.75	95	857.20	698.60	696.60
B-1009-I	160.6	165.6	32	4.7	94	857.20	696.60	691.60
B-1009-I	165.6	168.6	33	5.65	100	857.20	691.60	688.60
B-1009-I	168.6	170.6	34	4.75	95	857.20	688.60	686.60
B-1009-I	170.6	175.6	35	4.6	92	857.20	686.60	681.60
B-1009-I	175.6	178.6	36	5.65	100	857.20	681.60	678.60
B-1009-I	178.6	180.6	37	5.15	100	857.20	678.60	676.60
B-1009-I	180.6	185.6	38	4.9	98	857.20	676.60	671.60
B-1009-I	185.6	190.6	39	4.9	98	857.20	671.60	666.60
B-1009-I	190.6	195.6	40	5.1	100	857.20	666.60	661.60
B-1009-I	195.6	200.6	41	5	100	857.20	661.60	656.60
B-1009-I	200.6	205.6	42	5	100	857.20	656.60	651.60
B-1009-I	205.6	210.6	43	5	100	857.20	651.60	646.60
B-1009-I	210.6	215.6	44	4.85	97	857.20	646.60	641.60
B-1009-I	215.6	220.6	45	5	100	857.20	641.60	636.60
B-1009-I	220.6	225.6	46	5.15	100	857.20	636.60	631.60
B-1010	145	150	27	5	100	861.44	716.44	711.44
B-1010	150	155	28	5.1	100	861.44	711.44	706.44
B-1010	155	160	29	5.1	100	861.44	706.44	701.44
B-1010	160	165	30	5	100	861.44	701.44	696.44
B-1010	165	170	31	5	100	861.44	696.44	691.44

B-1010	170	175	32	5	100	861.44	691.44	686.44
B-1010	175	180	33	5	100	861.44	686.44	681.44
B-1010	180	185	34	4.8	96	861.44	681.44	676.44
B-1010	185	190	35	5	100	861.44	676.44	671.44
B-1010	190	195	36	5	100	861.44	671.44	666.44
B-1010	195	200	37	5	100	861.44	666.44	661.44
B-1010	200	205	38	5	100	861.44	661.44	656.44
B-1010	205	210	39	5	100	861.44	656.44	651.44
B-1010	210	215	40	4.9	98	861.44	651.44	646.44
B-1010	215	220	41	4.8	96	861.44	646.44	641.44
B-1010	220	225	42	4.9	98	861.44	641.44	636.44
B-1011-I	140.6	145.6	28	5	100	854.71	714.11	709.11
B-1011-I	145.6	150.6	29	4.85	97	854.71	709.11	704.11
B-1011-I	150.6	155.6	30	5.15	100	854.71	704.11	699.11
B-1011-I	155.6	160.6	31	5	100	854.71	699.11	694.11
B-1011-I	160.6	165.6	32	4.85	97	854.71	694.11	689.11
B-1011-I	165.6	170.6	33	5.2	100	854.71	689.11	684.11
B-1011-I	170.6	175.6	34	4.95	99	854.71	684.11	679.11
B-1011-I	175.6	180.6	35	4.9	98	854.71	679.11	674.11
B-1011-I	180.6	185.6	36	5	100	854.71	674.11	669.11
B-1011-I	185.6	190.6	37	5.15	100	854.71	669.11	664.11
B-1011-I	190.6	195.6	38	5	100	854.71	664.11	659.11
B-1011-I	195.6	200.6	39	4.95	99	854.71	659.11	654.11
B-1011-I	200.6	205.6	40	5	100	854.71	654.11	649.11
B-1011-I	205.6	210.6	41	5	100	854.71	649.11	644.11
B-1011-I	210.6	215.6	42	5	100	854.71	644.11	639.11
B-1011-I	215.6	220.6	43	5	100	854.71	639.11	634.11
B-1011-I	220.6	225.8	44	5.2	100	854.71	634.11	628.91
B-1012	129	134	26	3.95	77	844.04	715.04	710.04
B-1012	134	139	27	4.95	99	844.04	710.04	705.04
B-1012	139	144	28	5	100	844.04	705.04	700.04
B-1012	144	149	29	3.9	70	844.04	700.04	695.04
B-1012	149	154	30	4.9	83	844.04	695.04	690.04
B-1012	154	159	31	5	100	844.04	690.04	685.04
B-1012	159	164	32	4.95	89	844.04	685.04	680.04
B-1012	164	169	33	5	100	844.04	680.04	675.04
B-1012	169	174	34	5	90	844.04	675.04	670.04
B-1012	174	179	35	4.6	80	844.04	670.04	665.04
B-1012	179	184	36	4.7	94	844.04	665.04	660.04
B-1012	184	189	37	4.4	72	844.04	660.04	655.04
B-1012	189	194	38	5	100	844.04	655.04	650.04
B-1012	194	199	39	2.2	44	844.04	650.04	645.04
B-1012	199	204	40	3.7	74	844.04	645.04	640.04
B-1012	204	209	41	3.35	61	844.04	640.04	635.04
B-1012	209	214	42	5	100	844.04	635.04	630.04
B-1012	214	219	43	4.6	79	844.04	630.04	625.04
B-1012	219	224	44	1.1	22	844.04	625.04	620.04
B-1013	145	150	31	4.8	96	863.53	718.53	713.53
B-1014	136	141	26	5.1	100	851.20	715.20	710.20
B-1014	141	146	27	5	100	851.20	710.20	705.20
B-1014	146	150	28	4	100	851.20	705.20	701.20
B-1015	141.3	146.3	30	5	100	858.09	716.79	711.79
B-1015	146.3	151.4	31	5.1	100	858.09	711.79	706.69

B-1016	146	150.9	27	4.9	100	865.59	719.59	714.69
B-1016	150.9	156	28	5.1	100	865.59	714.69	709.59
B-1016	156	160.95	29	4.95	100	865.59	709.59	704.64
B-1016	160.95	166	30	5.05	100	865.59	704.64	699.59
B-1016	166	171	31	5	100	865.59	699.59	694.59
B-1016	171	176.1	32	5.1	100	865.59	694.59	689.49
B-1016	176.1	181.1	33	5	100	865.59	689.49	684.49
B-1016	181.1	186.2	34	5.1	100	865.59	684.49	679.39
B-1016	186.2	191.2	35	5	100	865.59	679.39	674.39
B-1016	191.2	196.2	36	5	100	865.59	674.39	669.39
B-1016	196.2	201.2	37	5	100	865.59	669.39	664.39
B-1018	127.4	132.4	26	4.8	96	846.36	718.96	713.96
B-1018	132.4	137.4	27	5	100	846.36	713.96	708.96
B-1018	137.4	142.4	28	5	100	846.36	708.96	703.96
B-1018	142.4	147.4	29	5	100	846.36	703.96	698.96
B-1018	147.4	152.4	30	5	100	846.36	698.96	693.96
B-1019	135	140	27	5.2	100	852.22	717.22	712.22
B-1019	140	145	28	5	100	852.22	712.22	707.22
B-1019	145	150	29	4.9	100	852.22	707.22	702.22
B-1019	150	155	30	5.1	100	852.22	702.22	697.22
B-1019	155	160	31	5	100	852.22	697.22	692.22
B-1019	160	165	32	5	100	852.22	692.22	687.22
B-1019	165	170	33	5	100	852.22	687.22	682.22
B-1019	170	175	34	5	100	852.22	682.22	677.22
B-1019	175	180	35	5.2	100	852.22	677.22	672.22
B-1019	180	185	36	4.9	100	852.22	672.22	667.22
B-1019	185	190	37	4.9	100	852.22	667.22	662.22
B-1019	190	195	38	5	100	852.22	662.22	657.22
B-1019	195	200	39	5	100	852.22	657.22	652.22
B-1020	142.4	147.4	26	4.8	96	861.94	719.54	714.54
B-1020	147.4	152.4	27	5	100	861.94	714.54	709.54
B-1021	127	132	30	5	100	845.18	718.18	713.18
B-1021	132	137	31	5.1	100	845.18	713.18	708.18
B-1021	137	142	32	5.1	100	845.18	708.18	703.18
B-1021	142	147	33	5	100	845.18	703.18	698.18
B-1021	147	150	34	2.7	90	845.18	698.18	695.18
B-1022	146	150	27	4	100	863.48	717.48	713.48
B-1023	145.5	150.5	27	5	100	865.68	720.18	715.18
B-1025	146	151	27	5	100	861.52	715.52	710.52
B-1027	146	151	35	5	100	863.62	717.62	712.62
B-1029	133	138	27	5	100	846.88	713.88	708.88
B-1029	138	143	28	5.1	100	846.88	708.88	703.88
B-1029	143	148	29	5	100	846.88	703.88	698.88
B-1029	148	150	30	4.75	95	846.88	698.88	696.88
B-1030	144.7	145.2	34	5.1	100	858.58	713.88	713.38
B-1030	149	149.5	35	1	100	858.58	713.38	709.08
B-1034	137	142	31	5	100	858.46	721.46	716.46
B-1034	142	147	32	5	100	858.46	716.46	711.46
B-1034	147	150	33	3	100	858.46	711.46	708.46
B-1037	136.3	141.3	26	4.9	98	852.84	716.54	711.54
B-1037	141.3	146.3	27	4.9	98	852.84	711.54	706.54
B-1037	146.3	151.3	28	4.9	98	852.84	706.54	701.54
B-1038	125	130	30	0.5	100	843.53	718.53	713.53

B-1038	130	135	31	5	100	843.53	713.53	708.53
B-1038	135	140	32	5	100	843.53	708.53	703.53
B-1038	140	145	33	5.1	100	843.53	703.53	698.53
B-1038	145	150	34	4.9	98	843.53	698.53	693.53
B-1041	129.8	134.8	25	5	98	845.30	715.50	710.50
B-1041	134.8	139.8	26	4.95	100	845.30	710.50	705.50
B-1041	139.8	144.8	27	5	98	845.30	705.50	700.50
B-1041	144.8	149.8	28	5	100	845.30	700.50	695.50
B-1042	131	136	25	5.1	100	846.41	715.41	710.41
B-1042	136	141	26	5	100	846.41	710.41	705.41
B-1042	141	146	27	5.1	100	846.41	705.41	700.41
B-1042	146	151	28	4.9	98	846.41	700.41	695.41
B-1047	114.2	119.2	23	5.1	100	831.11	716.91	711.91
B-1047	119.2	124.2	24	5.1	100	831.11	711.91	706.91
B-1047	124.2	129.2	25	5.15	100	831.11	706.91	701.91
B-1047	129.2	134.2	26	5.1	100	831.11	701.91	696.91
B-1047	134.2	139.2	27	5.1	100	831.11	696.91	691.91
B-1047	139.2	144.2	28	5.1	100	831.11	691.91	686.91
B-1047	144.2	149.2	29	4.9	98	831.11	686.91	681.91
B-1047	149.2	150	30	5.1	100	831.11	681.91	681.11
B-1050	125	130	33	5	100	838.50	713.50	708.50
B-1050	130	135	34	5.1	100	838.50	708.50	703.50
B-1050	135	140	35	5	100	838.50	703.50	698.50
B-1050	140	145	36	5	100	838.50	698.50	693.50
B-1050	145	150	37	4.9	98	838.50	693.50	688.50
B-2000	127.6	132.6	23	5	100	844.03	716.43	711.43
B-2000	132.6	137.6	24	5	100	844.03	711.43	706.43
B-2000	137.6	142.6	25	5	100	844.03	706.43	701.43
B-2000	142.6	147.6	26	5	100	844.03	701.43	696.43
B-2000	147.6	152.6	27	5	100	844.03	696.43	691.43
B-2000	152.6	157.6	28	5	100	844.03	691.43	686.43
B-2000	157.6	162.6	29	4.9	98	844.03	686.43	681.43
B-2000	162.6	167.6	30	5	100	844.03	681.43	676.43
B-2000	167.6	172.6	31	5	100	844.03	676.43	671.43
B-2000	172.6	177.6	32	5	100	844.03	671.43	666.43
B-2000	177.6	182.6	33	5	100	844.03	666.43	661.43
B-2000	182.6	187.6	34	5	100	844.03	661.43	656.43
B-2000	187.6	192.6	35	5	100	844.03	656.43	651.43
B-2000	192.6	197.6	36	4.9	98	844.03	651.43	646.43
B-2000	197.6	202.6	37	5	100	844.03	646.43	641.43
B-2000	202.6	207.6	38	5	100	844.03	641.43	636.43
B-2000	207.6	212.6	39	5	100	844.03	636.43	631.43
B-2000	212.6	217.6	40	5	100	844.03	631.43	626.43
B-2000	217.6	222.6	41	5	100	844.03	626.43	621.43
B-2001	126	131	25	5.1	100	837.89	711.89	706.89
B-2001	131	136	26	5	100	837.89	706.89	701.89
B-2001	136	141	27	5.1	100	837.89	701.89	696.89
B-2001	141	146	28	4.9	98	837.89	696.89	691.89
B-2001	146	151	29	4.7	94	837.89	691.89	686.89
B-2001	151	156	30	5	100	837.89	686.89	681.89
B-2001	156	161	31	5.1	100	837.89	681.89	676.89
B-2001	161	166	32	5	100	837.89	676.89	671.89
B-2001	166	171	33	5	100	837.89	671.89	666.89

B-2001	171	176	34	5.1	100	837.89	666.89	661.89
B-2001	176	181	35	5.1	100	837.89	661.89	656.89
B-2001	181	186	36	5	100	837.89	656.89	651.89
B-2001	186	191	37	5	100	837.89	651.89	646.89
B-2001	191	196	38	4.9	98	837.89	646.89	641.89
B-2001	196	201	39	5	100	837.89	641.89	636.89
B-2001	201	206	40	4.6	92	837.89	636.89	631.89
B-2001	206	211	41	5.1	100	837.89	631.89	626.89
B-2002	122	127	24	5.1	100	837.21	715.21	710.21
B-2002	127	132	25	5.1	100	837.21	710.21	705.21
B-2002	132	137	26	5.3	100	837.21	705.21	700.21
B-2002	137	142	27	5.1	100	837.21	700.21	695.21
B-2002	142	147	28	5.1	100	837.21	695.21	690.21
B-2002	147	152	29	4.8	96	837.21	690.21	685.21
B-2002	152	157	30	5.2	100	837.21	685.21	680.21
B-2002	157	162	31	5	100	837.21	680.21	675.21
B-2002	162	167	32	5.3	100	837.21	675.21	670.21
B-2002	167	172	33	4.9	98	837.21	670.21	665.21
B-2002	172	177	34	5	100	837.21	665.21	660.21
B-2002	177	182	35	4.9	98	837.21	660.21	655.21
B-2002	182	187	36	5.2	100	837.21	655.21	650.21
B-2002	187	192	37	4.9	97	837.21	650.21	645.21
B-2002	192	197	38	4.8	96	837.21	645.21	640.21
B-2002	197	202	39	3.4	68	837.21	640.21	635.21
B-2002	202	205.5	40	3.6	100	837.21	635.21	631.71
B-2002	205.5	207	41	1.5	100	837.21	631.71	630.21
B-2002	207	212	42	5.1	100	837.21	630.21	625.21
B-2002	212	217	43	5	100	837.21	625.21	620.21
B-2003	128	133	24	5	100	840.99	712.99	707.99
B-2003	133	138	25	5	100	840.99	707.99	702.99
B-2003	138	143	26	5	100	840.99	702.99	697.99
B-2003	143	148	27	5	100	840.99	697.99	692.99
B-2003	148	153	28	5	100	840.99	692.99	687.99
B-2003	153	158	29	5	100	840.99	687.99	682.99
B-2003	158	163	30	5	100	840.99	682.99	677.99
B-2003	163	168	31	5	100	840.99	677.99	672.99
B-2003	168	173	32	5	100	840.99	672.99	667.99
B-2003	173	178	33	5	100	840.99	667.99	662.99
B-2003	178	183	34	5	100	840.99	662.99	657.99
B-2003	183	188	35	5	100	840.99	657.99	652.99
B-2003	188	193	36	5	100	840.99	652.99	647.99
B-2003	193	198	37	5	100	840.99	647.99	642.99
B-2003	198	203	38	5	100	840.99	642.99	637.99
B-2003	203	208	39	4.9	100	840.99	637.99	632.99
B-2003	208	213	40	4.9	100	840.99	632.99	627.99
B-2003	213	218	41	5	100	840.99	627.99	622.99
B-2003 offs	125	130	24	5	100	841.14	716.14	711.14
B-2003 offs	130	135	25	5	100	841.14	711.14	706.14
B-2003 offs	135	140	26	5	100	841.14	706.14	701.14
B-2003 offs	140	145	27	5	100	841.14	701.14	696.14
B-2003 offs	145	150	28	5	100	841.14	696.14	691.14
B-2003 offs	150	155	29	5	100	841.14	691.14	686.14
B-2003 offs	155	160	30	5	100	841.14	686.14	681.14

B-2003 offs	160	165	31	5	100	841.14	681.14	676.14
B-2003 offs	165	170	32	5	100	841.14	676.14	671.14
B-2003 offs	170	175	33	4.9	98	841.14	671.14	666.14
B-2003 offs	175	180	34	5	100	841.14	666.14	661.14
B-2003 offs	180	185	35	4.9	98	841.14	661.14	656.14
B-2003 offs	185	190	36	5	100	841.14	656.14	651.14
B-2003 offs	190	195	37	5	100	841.14	651.14	646.14
B-2003 offs	195	200	38	5	100	841.14	646.14	641.14
B-2003 offs	200	205	39	4.9	98	841.14	641.14	636.14
B-2003 offs	205	210	40	5.1	100	841.14	636.14	631.14
B-2003 offs	210	215	41	4.5	90	841.14	631.14	626.14
B-2004	136	141	27	5.1	100	850.53	714.53	709.53
B-2004	141	146	28	4.9	98	850.53	709.53	704.53
B-2004	146	151	29	5	100	850.53	704.53	699.53
B-2004	151	156	30	5	100	850.53	699.53	694.53
B-2004	156	161	31	5	100	850.53	694.53	689.53
B-2004	161	166	32	5.1	100	850.53	689.53	684.53
B-2004	166	171	33	5	100	850.53	684.53	679.53
B-2004	171	176	34	4.8	96	850.53	679.53	674.53
B-2004	176	181	35	4.9	98	850.53	674.53	669.53
B-2004	181	186	36	5.1	100	850.53	669.53	664.53
B-2004	186	191	37	5	100	850.53	664.53	659.53
B-2004	191	196	38	4.6	92	850.53	659.53	654.53
B-2004	196	201	39	5	100	850.53	654.53	649.53
B-2004	201	206	40	4.6	92	850.53	649.53	644.53
B-2004	206	211	41	4.7	94	850.53	644.53	639.53
B-2004	211	216	42	4.7	94	850.53	639.53	634.53
B-2004	216	221	43	5.1	100	850.53	634.53	629.53
B-2004	221	226	44	4.5	90	850.53	629.53	624.53
B-2005	131	136	26	4.9	98	848.72	717.72	712.72
B-2005	136	141	27	5	100	848.72	712.72	707.72
B-2005	141	146	28	4.95	99	848.72	707.72	702.72
B-2005	146	151	29	5	100	848.72	702.72	697.72
B-2005	151	156	30	5	100	848.72	697.72	692.72
B-2005	156	161	31	5	100	848.72	692.72	687.72
B-2005	161	166	32	5	100	848.72	687.72	682.72
B-2005	166	171	33	5.1	100	848.72	682.72	677.72
B-2005	171	176	34	4.9	98	848.72	677.72	672.72
B-2005	176	181	35	5	100	848.72	672.72	667.72
B-2005	181	186	36	5	100	848.72	667.72	662.72
B-2005	186	191	37	5	100	848.72	662.72	657.72
B-2005	191	196	38	5	100	848.72	657.72	652.72
B-2005	196	201	39	4.8	98	848.72	652.72	647.72
B-2005	201	206	40	5.1	100	848.72	647.72	642.72
B-2005	206	211	41	4.8	96	848.72	642.72	637.72
B-2005	211	216	42	4.8	96	848.72	637.72	632.72
B-2005	216	221	43	5	100	848.72	632.72	627.72
B-2006	131	136	31	5	100	844.99	713.99	708.99
B-2006	136	141	32	4.9	98	844.99	708.99	703.99
B-2006	141	146	33	5	100	844.99	703.99	698.99
B-2006	146	151	34	5	100	844.99	698.99	693.99
B-2006	151	156	35	5	100	844.99	693.99	688.99
B-2006	156	161	36	5	100	844.99	688.99	683.99

B-2006	161	166	37	5	100	844.99	683.99	678.99
B-2006	166	171	38	5.1	100	844.99	678.99	673.99
B-2006	171	176	39	4.9	98	844.99	673.99	668.99
B-2006	176	181	40	5	100	844.99	668.99	663.99
B-2006	181	186	41	5	100	844.99	663.99	658.99
B-2006	186	191	42	5	100	844.99	658.99	653.99
B-2006	191	196	43	5	100	844.99	653.99	648.99
B-2006	196	201	44	4.8	98	844.99	648.99	643.99
B-2006	201	206	45	5.1	100	844.99	643.99	638.99
B-2006	206	211	46	4.8	96	844.99	638.99	633.99
B-2006	211	216	47	4.8	96	844.99	633.99	628.99
B-2006	216	221	48	5	100	844.99	628.99	623.99
B-2007	125	130	24	5	100	841.23	716.23	711.23
B-2007	130	135	25	5	100	841.23	711.23	706.23
B-2007	135	140	26	5	100	841.23	706.23	701.23
B-2007	140	145	27	5	100	841.23	701.23	696.23
B-2007	145	150	28	5	100	841.23	696.23	691.23
B-2007	150	155	29	5	100	841.23	691.23	686.23
B-2007	155	160	30	5.1	100	841.23	686.23	681.23
B-2007	160	165	31	5	100	841.23	681.23	676.23
B-2007	165	170	32	5.05	100	841.23	676.23	671.23
B-2007	170	175	33	5.15	100	841.23	671.23	666.23
B-2007	175	180	34	5	100	841.23	666.23	661.23
B-2007	180	185	35	5	100	841.23	661.23	656.23
B-2007	185	190	36	5	100	841.23	656.23	651.23
B-2007	190	195	37	5	100	841.23	651.23	646.23
B-2007	195	200	38	4.9	98	841.23	646.23	641.23
B-2007	200	205	39	5	100	841.23	641.23	636.23
B-2007	205	210	40	5	100	841.23	636.23	631.23
B-2007	210	215	41	5	100	841.23	631.23	626.23
B-2008	125	130	26	5.1	100	840.62	715.62	710.62
B-2008	130	135	27	4.9	98	840.62	710.62	705.62
B-2008	135	140	28	5	100	840.62	705.62	700.62
B-2008	140	145	29	4.9	98	840.62	700.62	695.62
B-2008	145	150	30	4.9	98	840.62	695.62	690.62
B-2008	150	155	31	4.9	98	840.62	690.62	685.62
B-2008	155	160	32	5.1	100	840.62	685.62	680.62
B-2008	160	165	33	4.9	98	840.62	680.62	675.62
B-2008	165	170	34	5.05	100	840.62	675.62	670.62
B-2008	170	175	35	4.9	98	840.62	670.62	665.62
B-2008	175	180	36	5	100	840.62	665.62	660.62
B-2008	180	185	37	5	100	840.62	660.62	655.62
B-2008	185	190	38	4.8	96	840.62	655.62	650.62
B-2008	190	195	39	4.8	96	840.62	650.62	645.62
B-2008	195	200	40	4.8	96	840.62	645.62	640.62
B-2008	200	205	41	5	100	840.62	640.62	635.62
B-2008	205	210	42	5	100	840.62	635.62	630.62
B-2008	210	215	43	5	100	840.62	630.62	625.62
B-2009-I	125.7	130.7	23	4.9	98	842.97	717.27	712.27
B-2009-I	130.7	135.7	24	5.1	100	842.97	712.27	707.27
B-2009-I	135.7	140.7	25	5	100	842.97	707.27	702.27
B-2009-I	140.7	145.7	26	5	100	842.97	702.27	697.27
B-2009-I	145.7	150.7	27	4.9	98	842.97	697.27	692.27

B-2009-I	150.7	155.7	28	5.1	100	842.97	692.27	687.27
B-2009-I	155.7	160.7	29	5	100	842.97	687.27	682.27
B-2009-I	160.7	165.7	30	5	100	842.97	682.27	677.27
B-2009-I	165.7	170.7	31	5.1	100	842.97	677.27	672.27
B-2009-I	170.7	175.7	32	5	100	842.97	672.27	667.27
B-2009-I	175.7	180.7	33	5.1	100	842.97	667.27	662.27
B-2009-I	180.7	185.7	34	5	100	842.97	662.27	657.27
B-2009-I	185.7	190.7	35	5	100	842.97	657.27	652.27
B-2009-I	190.7	195.7	36	5	100	842.97	652.27	647.27
B-2009-I	195.7	200.7	37	4.9	98	842.97	647.27	642.27
B-2009-I	200.7	205.7	38	5.1	100	842.97	642.27	637.27
B-2009-I	205.7	210.7	39	4.9	98	842.97	637.27	632.27
B-2009-I	210.7	215.7	40	5	100	842.97	632.27	627.27
B-2009-I	215.7	220.7	41	5	100	842.97	627.27	622.27
B-2009-I	220.7	225.7	42	4.7	94	842.97	622.27	617.27
B-2010	133.4	138.4	26	5.2	100	846.41	713.01	708.01
B-2010	138.4	143.4	27	4.95	99	846.41	708.01	703.01
B-2010	143.4	148.4	28	5.2	100	846.41	703.01	698.01
B-2010	148.4	153.4	29	4.8	96	846.41	698.01	693.01
B-2010	153.4	158.4	30	5	100	846.41	693.01	688.01
B-2010	158.4	163.4	31	4.9	98	846.41	688.01	683.01
B-2010	163.4	168.4	32	5.1	100	846.41	683.01	678.01
B-2010	168.4	173.4	33	4.9	98	846.41	678.01	673.01
B-2010	173.4	178.4	34	5	100	846.41	673.01	668.01
B-2010	178.4	183.4	35	5.2	100	846.41	668.01	663.01
B-2010	183.4	188.4	36	5	100	846.41	663.01	658.01
B-2010	188.4	193.4	37	4.95	99	846.41	658.01	653.01
B-2010	193.4	198.4	38	4.95	99	846.41	653.01	648.01
B-2010	198.4	203.4	39	4.8	96	846.41	648.01	643.01
B-2010	203.4	208.4	40	4.95	99	846.41	643.01	638.01
B-2010	208.4	213.4	41	4.7	94	846.41	638.01	633.01
B-2010	213.4	218.4	42	5.2	100	846.41	633.01	628.01
B-2010	218.4	223.4	43	4.9	98	846.41	628.01	623.01
B-2010	223.4	226.4	44	5	100	846.41	623.01	620.01
B-2011-I	130.6	135.6	24	5	100	847.08	716.48	711.48
B-2011-I	135.6	140.6	25	4.9	98	847.08	711.48	706.48
B-2011-I	140.6	145.6	26	4.9	98	847.08	706.48	701.48
B-2011-I	145.6	150.6	27	5.2	100	847.08	701.48	696.48
B-2011-I	150.6	155.6	28	5	100	847.08	696.48	691.48
B-2011-I	155.6	160.6	29	5	100	847.08	691.48	686.48
B-2011-I	160.6	165.6	30	4.9	98	847.08	686.48	681.48
B-2011-I	165.6	170.6	31	5.1	100	847.08	681.48	676.48
B-2011-I	170.6	175.6	32	5	100	847.08	676.48	671.48
B-2011-I	175.6	180.6	33	5	100	847.08	671.48	666.48
B-2011-I	180.6	185.6	34	5	100	847.08	666.48	661.48
B-2011-I	185.6	190.6	35	4.9	98	847.08	661.48	656.48
B-2011-I	190.6	195.6	36	5.1	100	847.08	656.48	651.48
B-2011-I	195.6	200.6	37	5	100	847.08	651.48	646.48
B-2011-I	200.6	205.6	38	4.9	98	847.08	646.48	641.48
B-2011-I	205.6	210.6	39	4.8	96	847.08	641.48	636.48
B-2011-I	210.6	214.6	40	4.2	100	847.08	636.48	632.48
B-2011-I	214.6	215.6	41	1	100	847.08	632.48	631.48
B-2011-I	215.6	220.6	42	4.6	92	847.08	631.48	626.48

B-2011-I	220.6	224.6	43	4.3	86	847.08	626.48	622.48
B-2011-I	224.6	225.6	44	0.9	90	847.08	622.48	621.48
B-2012	132	137	26	5	100	847.19	715.19	710.19
B-2012	137	142	27	5	100	847.19	710.19	705.19
B-2012	142	147	28	5	100	847.19	705.19	700.19
B-2012	147	150	29	3	100	847.19	700.19	697.19
B-2013	130.5	135.5	27	5	100	846.96	716.46	711.46
B-2013	135.5	140.5	28	4.9	98	846.96	711.46	706.46
B-2013	140.5	145.5	29	5	100	846.96	706.46	701.46
B-2013	145.5	150.5	30	5	100	846.96	701.46	696.46
B-2014	125	130	25	5	100	839.41	714.41	709.41
B-2014	130	135	26	5	100	839.41	709.41	704.41
B-2014	135	140	27	5	100	839.41	704.41	699.41
B-2014	140	145	28	5	100	839.41	699.41	694.41
B-2014	145	150	29	5	100	839.41	694.41	689.41
B-2015	130	135	26	5	100	846.68	716.68	711.68
B-2015	135	140	27	5	100	846.68	711.68	706.68
B-2015	140	145	28	5	100	846.68	706.68	701.68
B-2015	145	150	29	5	100	846.68	701.68	696.68
B-2015	150	155	30	5	100	846.68	696.68	691.68
B-2015	155	160	31	5	100	846.68	691.68	686.68
B-2015	160	165	32	5	100	846.68	686.68	681.68
B-2015	165	170	33	4.9	98	846.68	681.68	676.68
B-2015	170	175	34	4.9	98	846.68	676.68	671.68
B-2015	175	180	35	5	100	846.68	671.68	666.68
B-2015	180	185	36	5	100	846.68	666.68	661.68
B-2015	185	190	37	5	100	846.68	661.68	656.68
B-2015	190	195	38	5	100	846.68	656.68	651.68
B-2015	195	200	39	5	100	846.68	651.68	646.68
B-2016	128.2	133.2	24	5	100	841.04	712.84	707.84
B-2016	133.2	138.2	25	5	100	841.04	707.84	702.84
B-2016	138.2	143.2	26	5	100	841.04	702.84	697.84
B-2016	143.2	148.2	27	5	100	841.04	697.84	692.84
B-2016	148.2	150	28	5	100	841.04	692.84	691.04
B-2017	130	135	24	5.1	100	845.37	715.37	710.37
B-2017	135	140	25	5	100	845.37	710.37	705.37
B-2017	140	145	26	5.1	100	845.37	705.37	700.37
B-2017	145	150	27	4.95	99	845.37	700.37	695.37
B-2018-OF	135.9	141.1	26	5.1	100	849.07	713.17	707.97
B-2018-OF	141.1	145.95	27	4.95	100	849.07	707.97	703.12
B-2018-OF	145.95	151.15	28	5.15	100	849.07	703.12	697.92
B-2018-OF	151.15	156	29	5	100	849.07	697.92	693.07
B-2018-OF	156	160.95	30	4.95	100	849.07	693.07	688.12
B-2018-OF	160.95	166.05	31	5.05	100	849.07	688.12	683.02
B-2018-OF	166.05	171.1	32	5.1	100	849.07	683.02	677.97
B-2018-OF	171.1	175.9	33	4.9	100	849.07	677.97	673.17
B-2018-OF	175.9	181	34	5	100	849.07	673.17	668.07
B-2018-OF	181	185.9	35	4.9	100	849.07	668.07	663.17
B-2018-OF	185.9	191.2	36	5.2	100	849.07	663.17	657.87
B-2018-OF	191.2	195.9	37	4.9	100	849.07	657.87	653.17
B-2018-OF	195.9	200	38	4.2	100	849.07	653.17	649.07
B-2019	135.7	140.7	27	5	100	852.57	716.87	711.87
B-2019	140.7	145.7	28	5	100	852.57	711.87	706.87

B-2019	145.7	150.7	29	5	100	852.57	706.87	701.87
B-2020	120	125	23	5	100	832.25	712.25	707.25
B-2020	125	130	24	5.2	100	832.25	707.25	702.25
B-2020	130	135	25	4.9	98	832.25	702.25	697.25
B-2020	135	140	26	5	100	832.25	697.25	692.25
B-2020	140	145	27	5	100	832.25	692.25	687.25
B-2020	145	150	28	5	100	832.25	687.25	682.25
B-2021	135	140	27	5.2	100	849.56	714.56	709.56
B-2021	140	145	28	5	100	849.56	709.56	704.56
B-2021	145	150	29	5	100	849.56	704.56	699.56
B-2022	135	140	27	5	100	851.98	716.98	711.98
B-2022	140	145	28	5	100	851.98	711.98	706.98
B-2022	145	150	29	5	100	851.98	706.98	701.98
B-2024	122.3	127.3	24	5	100	838.15	715.85	710.85
B-2024	127.3	132.3	25	4.8	100	838.15	710.85	705.85
B-2024	132.3	137.3	26	5	100	838.15	705.85	700.85
B-2024	137.3	142.3	27	5	100	838.15	700.85	695.85
B-2024	142.3	147.3	28	4.8	100	838.15	695.85	690.85
B-2024	147.3	150	29	3	100	838.15	690.85	688.15
B-2026	120	125	23	5	100	833.49	713.49	708.49
B-2026	125	130	24	5	100	833.49	708.49	703.49
B-2026	130	135	25	5	100	833.49	703.49	698.49
B-2026	135	140	26	4.7	94	833.49	698.49	693.49
B-2026	140	145	27	5	100	833.49	693.49	688.49
B-2026	145	149	28	4	80	833.49	688.49	684.49
B-2029	126	131	26	5.1	94	843.58	717.58	712.58
B-2029	131	136	27	5	100	843.58	712.58	707.58
B-2029	136	141	29	5	100	843.58	707.58	702.58
B-2029	141	146	30	5	100	843.58	702.58	697.58
B-2029	146	151	31		100	843.58	697.58	692.58
B-2030	136.4	141.4	26	4.9	98	852.55	716.15	711.15
B-2030	141.4	146.4	27	5.1	100	852.55	711.15	706.15
B-2030	146.4	151.4	28	4.9	98	852.55	706.15	701.15
B-2034	125.9	130.9	25	5.1	94	839.12	713.22	708.22
B-2034	130.9	135.9	26	5.1	100	839.12	708.22	703.22
B-2034	135.9	140.9	27	4.9	98	839.12	703.22	698.22
B-2034	140.9	145.9	28	5	100	839.12	698.22	693.22
B-2034	145.9	150.9	29	4.9	98	839.12	693.22	688.22
B-2037	122	127	24	5	100	836.49	714.49	709.49
B-2037	127	132	25	5.1	100	836.49	709.49	704.49
B-2037	132	137	26	5.1	100	836.49	704.49	699.49
B-2037	137	142	27	5	100	836.49	699.49	694.49
B-2037	142	147	28	4.9	98	836.49	694.49	689.49
B-2037	147	150.6	29	3.6	100	836.49	689.49	685.89
B-2038	121	126	24	4.9	98	836.95	715.95	710.95
B-2038	126	131	25	5	100	836.95	710.95	705.95
B-2038	131	136	26	5	100	836.95	705.95	700.95
B-2038	136	141	27	5	100	836.95	700.95	695.95
B-2038	141	146	28	5	100	836.95	695.95	690.95
B-2038	146	151	29	5	100	836.95	690.95	685.95
B-2041	116.4	121.4	23	4.95	99	831.76	715.36	710.36
B-2041	121.4	126.4	24	5	100	831.76	710.36	705.36
B-2041	126.4	131.4	25	5.1	100	831.76	705.36	700.36

B-2041	131.4	136.4	26	5.1	100	831.76	700.36	695.36
B-2041	136.4	141.4	27	4.95	99	831.76	695.36	690.36
B-2041	141.4	146.4	28	4.9	98	831.76	690.36	685.36
B-2041	146.4	151.4	29	5.1	98	831.76	685.36	680.36
B-2041-A	115	120	23	4.9	100	831.76	716.76	711.76
B-2041-A	120	125	24	5.2	100	831.76	711.76	706.76
B-2041-A	125	130	25	4.9	100	831.76	706.76	701.76
B-2041-A	130	135	26	5.2	100	831.76	701.76	696.76
B-2041-A	135	140	27	4.9	100	831.76	696.76	691.76
B-2041-A	140	145	28	5.1	100	831.76	691.76	686.76
B-2041-A	145	150	29	5	100	831.76	686.76	681.76
B-2042-A	115	120	28	4.9	98	830.75	715.75	710.75
B-2042-A	120	125	29	5.1	100	830.75	710.75	705.75
B-2042-A	125	130	30	5.2	100	830.75	705.75	700.75
B-2042-A	130	135	31	5.1	100	830.75	700.75	695.75
B-2042-A	135	140	32	4.8	96	830.75	695.75	690.75
B-2042-A	140	145	33	5.1	100	830.75	690.75	685.75
B-2042-A	145	150	34	5	100	830.75	685.75	680.75
B-2048	126.4	131.4	23	5	100	844.18	717.78	712.78
B-2048	131.4	136.6	24	5.1	100	844.18	712.78	707.58
B-2048	136.6	141.6	25	5	100	844.18	707.58	702.58
B-2048	141.6	146.6	26	5	100	844.18	702.58	697.58
B-2048	146.6	151.7	27	5	100	844.18	697.58	692.48
B-2051	99.4	100.4	20	1.2	100	809.97	710.57	709.57

vation

Point	RQD Average
B-1000	99.2
B-1001	98.3
B-1002	98.8
B-1003	98.3
B-1003 offset	98.9
B-1004	98.9
B-1005	92.6
B-1006	96.8
B-1007	98.4
B-1008	92.1
B-1009-I	97.8
B-1010	99.3
B-1011-I	99.4
B-1012	80.7
B-1013	96.0
B-1014	100.0
B-1015	100.0
B-1016	100.0
B-1018	99.2
B-1019	100.0
B-1020	98.0
B-1021	98.0
B-1022	100.0
B-1023	100.0
B-1025	100.0
B-1027	100.0
B-1029	98.8
B-1030	100.0
B-1034	100.0
B-1037	98.0
B-1038	99.6
B-1041	99.0
B-1042	99.5
B-1047	99.7
B-1050	99.6
B-2000	99.8
B-2001	98.9
B-2002	97.7
B-2003	100.0
B-2003 offset	99.1
B-2004	97.4
B-2005	99.2
B-2006	99.2
B-2007	99.9
B-2008	98.6
B-2009-I	99.3
B-2010	98.7
B-2011-I	97.8
B-2012	100.0
B-2013	99.5
B-2014	100.0

B-2015	99.7
B-2016	100.0
B-2017	99.8
B-2018 offset	100.0
B-2019	100.0
B-2020	99.7
B-2021	100.0
B-2022	100.0
B-2024	100.0
B-2026	95.7
B-2029	98.8
B-2030	98.7
B-2034	98.0
B-2037	99.7
B-2038	99.7
B-2041	99.1
B-2048	100.0
B-2051	100.0

Layer F

PointID	Depth	Bottom	Run Number	Recovery	RQD	Elevation	Beginning E	Ending Elev
B-1000	230	235	49	5	100	851.008	621.008	616.008
B-1000	235	240	50	5	100	851.008	616.008	611.008
B-1000	240	245	51	3.7	74	851.008	611.008	606.008
B-1000	245	250	52	4.7	94	851.008	606.008	601.008
B-1000	250	255	53	5.1	100	851.008	601.008	596.008
B-1001	220.4	225.2	43	5	100	842.384	621.984	617.184
B-1001	225.4	230.4	44	4.5	90	842.384	617.184	611.984
B-1001	230.4	235.4	45	1.8	36	842.384	611.984	606.984
B-1001	235.4	240.4	46	5	100	842.384	606.984	601.984
B-1001	240.4	245.4	47	4.7	94	842.384	601.984	596.984
B-1001	245.4	250.4	48	4.1	82	842.384	596.984	591.984
B-1002	217.2	222.2	43	5	100	844.66	627.46	622.46
B-1002	222.2	227.2	44	5	100	844.66	622.46	617.46
B-1002	227.2	232.2	45	0.7	100	844.66	617.46	612.46
B-1002	232.2	237.2	46	1.6	100	844.66	612.46	607.46
B-1002	237.2	242.2	47	5	100	844.66	607.46	602.46
B-1002	242.2	247.2	48	5	100	844.66	602.46	597.46
B-1003	236.5	241.5	46	5.1	100	861.69	625.19	620.19
B-1003	241.5	246.5	47	5	100	861.69	620.19	615.19
B-1003	246.5	251.5	48	4.9	98	861.69	615.19	610.19
B-1003	251.5	256.5	49	5	100	861.69	610.19	605.19
B-1003	256.5	261.5	50	5	100	861.69	605.19	600.19
B-1003 offs	232.5	237.5	51	5	100	861.77	629.27	624.27
B-1003 offs	237.5	242.5	52	4.6	92	861.77	624.27	619.27
B-1003 offs	242.5	247.5	53	4.6	92	861.77	619.27	614.27
B-1003 offs	247.5	252.5	54	4.4	88	861.77	614.27	609.27
B-1003 offs	252.5	257.5	55	5	100	861.77	609.27	604.27
B-1003 offs	257.5	262.5	56	4.4	88	861.77	604.27	599.27
B-1004	232.5	237.5	45	5	100	859.70	627.20	622.20
B-1004	237.5	242.5	46	4.9	98	859.70	622.20	617.20
B-1004	242.5	247.5	47	4.8	96	859.70	617.20	612.20
B-1004	247.5	252.5	48	5	100	859.70	612.20	607.20
B-1004	252.5	257.5	49	5	100	859.70	607.20	602.20
B-1007	221.7	225	44	3.5	70	843.62	621.92	618.62
B-1008	218.2	223.2	43	5	100	847.56	629.36	624.36
B-1008	223.2	225.2	44	2.2	100	847.56	624.36	622.36
B-1012	224	229	45	4.4	84	844.04	620.04	615.04
B-1012	229	234	46			844.04	615.04	610.04
B-1012	234	239	47	5	86	844.04	610.04	605.04
B-1012	239	244	48	4.4	88	844.04	605.04	600.04
B-1012	244	249	49	1.9	38	844.04	600.04	595.04
B-2000	222.6	227.6	42	5	100	844.03	621.43	616.43
B-2000	227.6	232.6	43	5	100	844.03	616.43	611.43
B-2000	232.6	237.6	44	5	100	844.03	611.43	606.43
B-2000	237.6	242.6	45	4.8	96	844.03	606.43	601.43
B-2000	242.6	247.6	46	5	100	844.03	601.43	596.43
B-2000	247.6	252.6	47	5	100	844.03	596.43	591.43
B-2001	211	216	42	5.1	100	837.89	626.89	621.89
B-2001	216	221	43	5.1	100	837.89	621.89	616.89
B-2001	221	226	44	4	80	837.89	616.89	611.89
B-2001	226	231	45	4.9	98	837.89	611.89	606.89

B-2001	231	236	46	5.1	100	837.89	606.89	601.89
B-2001	236	241	47	5	100	837.89	601.89	596.89
B-2001	241	246	48	4.2	84	837.89	596.89	591.89
B-2002	217	222	44	5.1	100	837.21	620.21	615.21
B-2002	222	227	45	4.6	92	837.21	615.21	610.21
B-2002	227	232	46	4.6	94	837.21	610.21	605.21
B-2002	232	237	47	5.1	100	837.21	605.21	600.21
B-2002	237	242	48	5.2	100	837.21	600.21	595.21
B-2002	242	247	49	4.2	84	837.21	595.21	590.21
B-2002	247	252	50	4.7	94	837.21	590.21	585.21
B-2003	218	223	42	5	100	840.99	622.99	617.99
B-2003	223	228	43	4.5	100	840.99	617.99	612.99
B-2003	228	233	44	5	100	840.99	612.99	607.99
B-2003	233	238	45	4.6	92	840.99	607.99	602.99
B-2003	238	243	46	5	100	840.99	602.99	597.99
B-2003	243	248	47	4.5	90	840.99	597.99	592.99
B-2003	248	253	48	5		840.99	592.99	587.99
B-2003 offs	215	220	42	5.3	100	841.14	626.14	621.14
B-2003 offs	220	225	43	5	100	841.14	621.14	616.14
B-2003 offs	225	230	44	3.9	78	841.14	616.14	611.14
B-2003 offs	230	235	45	4.9	98	841.14	611.14	606.14
B-2003 offs	235	240	46	5	100	841.14	606.14	601.14
B-2003 offs	240	245	47	5.3	100	841.14	601.14	596.14
B-2003 offs	245	250	48	3.3	66	841.14	596.14	591.14
B-2004	226	231	45	5	100	850.53	624.53	619.53
B-2004	231	236	46	4.8	96	850.53	619.53	614.53
B-2004	236	241	47	4.5	90	850.53	614.53	609.53
B-2004	241	246	48	4.9	98	850.53	609.53	604.53
B-2004	246	251	49	4.8	96	850.53	604.53	599.53
B-2005	221	226	44	4.6	92	848.72	627.72	622.72
B-2006	221	226	49	4.6	92	844.99	623.99	618.99
B-2007	215	220	42	5	100	841.23	626.23	621.23
B-2007	220	225	43	5	100	841.23	621.23	616.23
B-2008	215	220	44	4.95	99	840.62	625.62	620.62
B-2008	220	225	45	4.7	94	840.62	620.62	615.62

CORE SAMPLES

vation

Point	RQD Average
B-1000	93.6
B-1001	83.7
B-1002	100.0
B-1003	99.6
B-1003 offset	93.3
B-1004	98.8
B-1007	70.0
B-1008	100.0
B-1012	74.0
B-2000	99.3
B-2001	94.6
B-2002	94.9
B-2003	97.0
B-2003 offset	91.7
B-2004	96.0
B-2005	92.0
B-2006	92.0
B-2007	100.0
B-2008	96.5

Layer G

PointID	Depth	Bottom	Run Number	Recovery	RQD	Elevation	Beginning E	Ending Elev
B-1000	260	265	55	3.3	66	851.008	591.008	586.008
B-1000	265	270	56	4.6	92	851.008	586.008	581.008
B-1000	270	275	57	3.9	78	851.008	581.008	576.008
B-1000	275	280	58	2.3	46	851.008	576.008	571.008
B-1000	280	285	59	2.3	46	851.008	571.008	566.008
B-1000	285	290	60	2.2	44	851.008	566.008	561.008
B-1000	290	295	61	2.1	42	851.008	561.008	556.008
B-1000	295	300	62	2.5	50	851.008	556.008	551.008
B-1000	300	305	63	4.1	82	851.008	551.008	546.008
B-1000	305	310	64	4.2	82	851.008	546.008	541.008
B-1000	310	315	65	1.6	32	851.008	541.008	536.008
B-1000	315	320	66			851.008	536.008	531.008
B-1000	320	325	67			851.008	531.008	526.008
B-1000	325	330	68	1.3	26	851.008	526.008	521.008
B-1001	250.4	255.4	50	4.4	88	842.38	591.98	586.98
B-1001	255.4	260.4	51	4.3	86	842.38	586.98	581.98
B-1001	260.4	265.4	52	4.2	84	842.38	581.98	576.98
B-1001	265.4	270.4	53	3.4	68	842.38	576.98	571.98
B-1001	270.4	275.4	53	5	100	842.38	571.98	566.98
B-1001	275.4	280.4	54	4.3	86	842.38	566.98	561.98
B-1001	280.4	285.4	55	3.9	78	842.38	561.98	556.98
B-1001	285.4	290.4	56	4.7	94	842.38	556.98	551.98
B-1001	290.4	295.4	57	5	100	842.38	551.98	546.98
B-1001	295.4	300.4	58	4.7	94	842.38	546.98	541.98
B-1002	247.2	252.2	49	5	100	844.66	597.46	592.46
B-1002	252.2	257.2	50	3.2	64	844.66	592.46	587.46
B-1002	257.2	262.2	51	5	100	844.66	587.46	582.46
B-1002	262.2	267.2	52	4.8	96	844.66	582.46	577.46
B-1002	267.2	272.2	53	5	100	844.66	577.46	572.46
B-1002	272.2	277.2	54	4.4		844.66	572.46	567.46
B-1002	277.2	282.2	55	4	80	844.66	567.46	562.46
B-1002	282.2	287.2	56	5	100	844.66	562.46	557.46
B-1002	287.2	292.2	57	5		844.66	557.46	552.46
B-1002	292.2	297.2	58	5	100	844.66	552.46	547.46
B-1002	297.2	300.2	59	2.4	48	844.66	547.46	544.46
B-1003	261.5	266.5	51	5	100	861.69	600.19	595.19
B-1003	266.5	271.5	52	4.5	90	861.69	595.19	590.19
B-1003	271.5	276.5	53	5	100	861.69	590.19	585.19
B-1003	276.5	281.5	54	5	100	861.69	585.19	580.19
B-1003	281.5	286.5	55	5	100	861.69	580.19	575.19
B-1003	286.5	291.5	56	4.9	98	861.69	575.19	570.19
B-1003	291.5	296.5	57	4.2	84	861.69	570.19	565.19
B-1003	296.5	301.5	58	4.8	96	861.69	565.19	560.19
B-1003	301.5	306.5	59	4.8	96	861.69	560.19	555.19
B-1003	306.5	311.5	60	4.7	94	861.69	555.19	550.19
B-1003	311.5	316.5	61	5	100	861.69	550.19	545.19
B-1003	316.5	321.5	62	4.6	92	861.69	545.19	540.19
B-1003	321.5	326.5	63	4.6	92	861.69	540.19	535.19
B-1003	326.5	331.5	64	3.7	74	861.69	535.19	530.19
B-1003	331.5	336.5	65			861.69	530.19	525.19
B-1003 offs	262.5	267.5	57	4.7	94	861.77	599.27	594.27

B-1003 offs	267.5	272.5	58	5	100	861.77	594.27	589.27
B-1003 offs	272.5	277.5	59	4.5	90	861.77	589.27	584.27
B-1003 offs	277.5	282.5	60	4.8	96	861.77	584.27	579.27
B-1003 offs	282.5	287.5	61	4.5	90	861.77	579.27	574.27
B-1003 offs	287.5	292.5	62	4.9	98	861.77	574.27	569.27
B-1003 offs	292.5	297.5	63	4.9	98	861.77	569.27	564.27
B-1003 offs	297.5	302.5	64	4.7	94	861.77	564.27	559.27
B-1003 offs	302.5	307.5	65	5	100	861.77	559.27	554.27
B-1003 offs	307.5	312.5	66	5	100	861.77	554.27	549.27
B-1003 offs	312.5	317.5	67	5	100	861.77	549.27	544.27
B-1003 offs	317.5	322.5	68	4.6	92	861.77	544.27	539.27
B-1003 offs	322.5	327.5	69	4.6	92	861.77	539.27	534.27
B-1003 offs	327.5	332.5	70	4.9	98	861.77	534.27	529.27
B-1003 offs	332.5	337.5	71	4.9	98	861.77	529.27	524.27
B-1003 offs	337.5	342.5	72	5	100	861.77	524.27	519.27
B-1003 offs	342.5	347.5	73	4.6	92	861.77	519.27	514.27
B-1004	257.5	262.5	50	5.3	100	859.70	602.20	597.20
B-1004	262.5	267.5	51	4.8	96	859.70	597.20	592.20
B-1004	267.5	272.5	52	5.2	100	859.70	592.20	587.20
B-1004	272.5	277.5	53	4.7	94	859.70	587.20	582.20
B-1004	277.5	282.5	54	4.9	98	859.70	582.20	577.20
B-1004	282.5	287.5	55	5.3	100	859.70	577.20	572.20
B-1004	287.5	292.5	56	4.1	100	859.70	572.20	567.20
B-1004	292.5	297	57	5.3	100	859.70	567.20	562.70
B-1004	297	301.5	58	5	100	859.70	562.70	558.20
B-1012	249	254	50	0.4		844.04	595.04	590.04
B-1012	254	259	51	3.2	64	844.04	590.04	585.04
B-1012	259	264	52	3.5	70	844.04	585.04	580.04
B-1012	264	269	53	2.7	54	844.04	580.04	575.04
B-1012	269	274	54	2	40	844.04	575.04	570.04
B-1012	274	279	55	4.3	86	844.04	570.04	565.04
B-1012	279	284	56	4.15	83	844.04	565.04	560.04
B-1012	284	289	57	3.8	76	844.04	560.04	555.04
B-1012	289	294	58	1.6	25	844.04	555.04	550.04
B-1012	294	299	59	3.9	78	844.04	550.04	545.04
B-1012	299	304	60	3.9	73	844.04	545.04	540.04
B-1012	304	309	61	0		844.04	540.04	535.04
B-1012	309	314	62	2.2	44	844.04	535.04	530.04
B-1012	314	319	63	0		844.04	530.04	525.04
B-1012	319	324	64	0		844.04	525.04	520.04
B-1012	324	329	65	0		844.04	520.04	515.04
B-2000	252.6	257.6	48	5	100	844.03	591.43	586.43
B-2000	257.6	262.6	49	4.9	98	844.03	586.43	581.43
B-2000	262.6	267.6	50	4.4	88	844.03	581.43	576.43
B-2000	267.6	272.6	51	3.8	76	844.03	576.43	571.43
B-2000	272.6	277.6	52	5	100	844.03	571.43	566.43
B-2000	277.6	282.6	53	4.8	96	844.03	566.43	561.43
B-2000	282.6	287.6	54	4.8	96	844.03	561.43	556.43
B-2000	287.6	292.6	55	4.2	84	844.03	556.43	551.43
B-2000	292.6	297.6	56	4.8	98	844.03	551.43	546.43
B-2000	297.6	302.6	57	4.6	92	844.03	546.43	541.43
B-2000	302.6	307.6	58	4.9	98	844.03	541.43	536.43
B-2000	307.6	312.6	59	4.9	98	844.03	536.43	531.43

B-2000	312.6	317.6	60	4.9	98	844.03	531.43	526.43
B-2000	317.6	322.6	61	4.3	86	844.03	526.43	521.43
B-2000	322.6	327.6	62	3.4	68	844.03	521.43	516.43
B-2000	327.6	332.6	63	4.9	98	844.03	516.43	511.43
B-2001	246	251	49	4.9	100	837.89	591.89	586.89
B-2001	251	256	50	4	100	837.89	586.89	581.89
B-2001	256	261	51		84	837.89	581.89	576.89
B-2001	261	266	52	4.4	88	837.89	576.89	571.89
B-2001	266	271	53	5	100	837.89	571.89	566.89
B-2001	271	276	54		100	837.89	566.89	561.89
B-2001	276	281	55	5.1	100	837.89	561.89	556.89
B-2001	281	286	56	4.5	100	837.89	556.89	551.89
B-2001	286	291	57	4.3	86	837.89	551.89	546.89
B-2001	291	296	58	3.5	70	837.89	546.89	541.89
B-2001	296	301	59	4	80	837.89	541.89	536.89
B-2002	252	257	51	4.8	100	837.21	585.21	580.21
B-2002	257	262	52	5.2	100	837.21	580.21	575.21
B-2002	262	267	53	5.1	100	837.21	575.21	570.21
B-2002	267	272	54	4.9	98	837.21	570.21	565.21
B-2002	272	277	55	4.8	96	837.21	565.21	560.21
B-2002	277	282	56	5	100	837.21	560.21	555.21
B-2002	282	287	57	4.5	94	837.21	555.21	550.21
B-2002	287	292	58	5.2	100	837.21	550.21	545.21
B-2002	292	297	59	4.8	96	837.21	545.21	540.21
B-2002	297	302	60	4.9	98	837.21	540.21	535.21
B-2003 offs	250	255	49	3.8	76	841.14	591.14	586.14
B-2003 offs	255	260	50	4.5	80	841.14	586.14	581.14
B-2003 offs	260	265	51	5	100	841.14	581.14	576.14
B-2003 offs	265	270	52	5.1	100	841.14	576.14	571.14
B-2003 offs	270	275	53	5.2	100	841.14	571.14	566.14
B-2003 offs	275	280	54	4.8	96	841.14	566.14	561.14
B-2003 offs	280	285	55	5	100	841.14	561.14	556.14
B-2003 offs	285	290	56	4.7	100	841.14	556.14	551.14
B-2003 offs	290	295	57	5	100	841.14	551.14	546.14
B-2003 offs	295	300	58	4.4	92	841.14	546.14	541.14
B-2003 offs	300	305	59	4.7	94	841.14	541.14	536.14
B-2003 offs	305	310	60	1.6	36	841.14	536.14	531.14
B-2003 offs	310	315	61	4.5	90	841.14	531.14	526.14
B-2003 offs	315	320	62	4.5	80	841.14	526.14	521.14
B-2003 offs	320	325	63	4.6	92	841.14	521.14	516.14
B-2004	251	256	50	5	100	850.53	599.53	594.53
B-2004	256	261	51	4.9	98	850.53	594.53	589.53
B-2004	261	266	52	5.1	100	850.53	589.53	584.53
B-2004	266	271	53	4.9	98	850.53	584.53	579.53
B-2004	271	276	54	4.9	98	850.53	579.53	574.53
B-2004	276	281	55	4.8	96	850.53	574.53	569.53
B-2004	281	286	56	4.9	98	850.53	569.53	564.53
B-2004	286	291	57	4.8	96	850.53	564.53	559.53
B-2004	291	296	58	4.5	90	850.53	559.53	554.53
B-2004	296	300	59	3.75	95	850.53	554.53	550.53

CORE SAMPLES

vation

Point	RQD Average
B-1000	60.0
B-1001	87.8
B-1002	91.4
B-1003	94.0
B-1003 offset	96.0
B-1004	98.7
B-1012	63.0
B-2000	92.1
B-2001	91.6
B-2002	98.2
B-2003 offset	89.1
B-2004	96.9

Layer H

PointID	Depth	Bottom	Run Number	Recovery	RQD	Elevation	Beginning E	Ending Elev
B-1000	330	335	69	5	100	851.008	521.008	516.008
B-1000	335	339	70	3.8	76	851.008	516.008	512.008
B-1000	339	344	71	5	100	851.008	512.008	507.008
B-1000	344	346	72	1.5	75	851.008	507.008	505.008
B-1000	346	349	73	1.9	63	851.008	505.008	502.008
B-1000	349	354	74	5	100	851.008	502.008	497.008
B-1000	354	359	75	4.7	94	851.008	497.008	492.008
B-1000	359	364	76	4.2	82	851.008	492.008	487.008
B-1000	364	369	77	3.2	64	851.008	487.008	482.008
B-1000	369	373	78	4.2	100	851.008	482.008	478.008
B-1000	373	377	79	4.2	100	851.008	478.008	474.008
B-1000	377	380	80	1	33	851.008	474.008	471.008
B-1000	380	385	81	2.8	56	851.008	471.008	466.008
B-1000	385	390	82	4.6	92	851.008	466.008	461.008
B-1000	390	395	83	4.8	96	851.008	461.008	456.008
B-1003 offs	347.5	352.5	74	5	100	861.77	514.27	509.27
B-1003 offs	352.5	357.5	75	5.1	94	861.77	509.27	504.27
B-1003 offs	357.5	362.5	76	5.1	80	861.77	504.27	499.27
B-1003 offs	362.5	367.5	77	5	16	861.77	499.27	494.27
B-1003 offs	367.5	372.5	78	5.2	60	861.77	494.27	489.27
B-1003 offs	372.5	377.5	79	5	100	861.77	489.27	484.27
B-1003 offs	377.5	382.5	80	5		861.77	484.27	479.27
B-1003 offs	382.5	387.5	81			861.77	479.27	474.27
B-1003 offs	387.5	392.5	82			861.77	474.27	469.27
B-1003 offs	392.5	397.5	83			861.77	469.27	464.27
B-1003 offs	397.5	400.5	84			861.77	464.27	461.27
B-1012	329	333	66	4	100	844.04	515.04	511.04
B-1012	333	339	67	6	82	844.04	511.04	505.04
B-1012	339	344	68	5	95	844.04	505.04	500.04
B-1012	344	349	69	5	88	844.04	500.04	495.04
B-1012	349	354	70			844.04	495.04	490.04
B-1012	354	359				844.04	490.04	485.04
B-1012	359	360	71	0.8	80	844.04	485.04	484.04
B-1012	360	365	73	4.9	98	844.04	484.04	479.04
B-1012	365	370	74	5	100	844.04	479.04	474.04
B-1012	370	375	75	3.3	66	844.04	474.04	469.04
B-1012	375	380	76	5	100	844.04	469.04	464.04
B-1012	380	385	77	5	100	844.04	464.04	459.04
B-2000	332.6	337.6	64	4.9	98	844.03	511.43	506.43
B-2000	337.6	342.6	65	5	100	844.03	506.43	501.43
B-2000	342.6	347.6	66	5	100	844.03	501.43	496.43
B-2000	347.6	352.6	67	5	100	844.03	496.43	491.43
B-2000	352.6	357.6	68	5	100	844.03	491.43	486.43
B-2000	357.6	362.6	69	5	100	844.03	486.43	481.43
B-2000	362.6	367.6	70	5	100	844.03	481.43	476.43
B-2000	367.6	372.6	71	5	100	844.03	476.43	471.43
B-2000	372.6	377.6	72	5	100	844.03	471.43	466.43
B-2000	377.6	382.6	73	5	100	844.03	466.43	461.43
B-2000	382.6	387.6	74	5	100	844.03	461.43	456.43
B-2000	387.6	392.6	75	5	100	844.03	456.43	451.43
B-2003 offs	325	330	64	5.1	100	841.14	516.14	511.14

B-2003 offs	330	335	65	5	100	841.14	511.14	506.14
B-2003 offs	335	340	66	5	100	841.14	506.14	501.14
B-2003 offs	340	345	67	4.5	90	841.14	501.14	496.14
B-2003 offs	345	350	68	5	100	841.14	496.14	491.14
B-2003 offs	350	355	69	5	100	841.14	491.14	486.14
B-2003 offs	355	360	70	5	100	841.14	486.14	481.14
B-2003 offs	360	365	71	4.8	96	841.14	481.14	476.14
B-2003 offs	365	370	72	5.2	100	841.14	476.14	471.14
B-2003 offs	370	375	73	5.2	100	841.14	471.14	466.14
B-2003 offs	375	380	74	5	100	841.14	466.14	461.14
B-2003 offs	380	385	75	4.3	86	841.14	461.14	456.14
B-2003 offs	385	390	76	3.3	66	841.14	456.14	451.14

CORE SAMPLES

vation

Point	RQD Average
B-1000	82.1
B-1003 offset	75.0
B-1012	90.9
B-2000	99.8
B-2003 offset	95.2

CORE SAMPLES

Layer I

PointID	Depth	Bottom	Run Number	Recovery	RQD	Elevation	Beginning I	Ending Elevation
B-1000	395	400	84	4.8	96	851.008	456.008	451.008
B-1012	385	390	78	5	100	844.04	459.04	454.04
B-1012	390	395	79	5	100	844.04	454.04	449.04
B-1012	395	400	80	5	100	844.04	449.04	444.04
B-1012	400	405	81	4.45	89	844.04	444.04	439.04
B-1012	405	410	82	4	80	844.04	439.04	434.04
B-1012	410	415	83	4.75	95	844.04	434.04	429.04
B-1012	415	420	84	4.6	92	844.04	429.04	424.04
B-1012	420	425	85	5	100	844.04	424.04	419.04
B-1012	425	430	86	5	100	844.04	419.04	414.04
B-1012	430	435	87	5	100	844.04	414.04	409.04
B-1012	435	440	88	5	100	844.04	409.04	404.04
B-1012	440	445	89	5	100	844.04	404.04	399.04
B-1012	445	450	90	5	100	844.04	399.04	394.04
B-1012	450	455	91	5	100	844.04	394.04	389.04
B-2000	392.6	397.6	76	5	100	844.03	451.43	446.43
B-2000	397.6	401.1	77	3.5	100	844.03	446.43	442.93
B-2003 offs	390	395	77	5	100	841.14	451.14	446.14
B-2003 offs	395	398.2	78	5	100	841.14	446.14	442.94
B-2003 offs	398.2	400.3	79	5	100	841.14	442.94	440.84

Point	RQD Average
B-1000	96.0
B-1012	96.9
B-2000	100.0
B-2003 offset	100.0

MINERAL WELLS

PointID	Depth	Bottom	Run Number	Recovery	RQD	Elevation	Beginning E	Ending Elev
B-1012	455	460	92	5	100	844.04	389.04	384.04
B-1012	460	465	93	5	100	844.04	384.04	379.04
B-1012	465	470	94	5	100	844.04	379.04	374.04
B-1012	470	475	95	5	100	844.04	374.04	369.04
B-1012	475	480	96	5	100	844.04	369.04	364.04
B-1012	480	485	97	5	100	844.04	364.04	359.04
B-1012	485	490	98	5	100	844.04	359.04	354.04
B-1012	490	495	99	5	98	844.04	354.04	349.04
B-1012	495	500	100	5	100	844.04	349.04	344.04
B-1012	500	505	101	5	100	844.04	344.04	339.04
B-1012	505	510	102	5	94.23077	844.04	339.04	334.04
B-1012	510	515	103	5	100	844.04	334.04	329.04
B-1012	515	520	104	5	100	844.04	329.04	324.04
B-1012	520	525	105	5	100	844.04	324.04	319.04
B-1012	525	530	106	4.8	96	844.04	319.04	314.04
B-1012	530	535	107	4.9	98	844.04	314.04	309.04
B-1012	535	540	108	5	100	844.04	309.04	304.04
B-1012	540	545	109	5	100	844.04	304.04	299.04
B-1012	545	550	110	5	100	844.04	299.04	294.04

vation

Point	RQD Average
B-1012	99.3

Table CALC-004-4

Boring[1]	AS-BUILT Latitude[1]	AS-BUILT Longitude[1]	AS-BUILT Surface Elevation[1]	Total Depth of Boring	Boring Base Elevation	LAYER A Top (depth)	LAYER A Top (elevation)	LAYER A Base (depth)	LAYER A Base (elevation)	LAYER A Thickness
B1000	32°18'07.51921"N	97°47'41.80881"W	851.01	400.00	451.01	8.7	842.308	51.2	799.808	42.500
B1001	32°18'09.59563"N	97°47'42.07001"W	842.38	300.40	541.98	11.25	831.134	44.1	798.284	32.850
B1002	32°18'07.75819"N	97°47'40.05882"W	844.66	300.20	544.46	10.5	834.163	46	798.663	35.500
B1003	32°18'05.11572"N	97°47'41.12093"W	861.69	336.50	525.19	10.5	851.188	62.6	799.088	52.100
B1003Off			861.77	400.50	461.27	16.5	845.270	61.5	800.270	45.000
B1004	32°18'07.31768"N	97°47'43.97424"W	859.70	301.50	558.20	16.5	843.204	61.9	797.804	45.400
B1005	32°18'07.55611"N	97°47'43.58808"W	857.02	225.00	632.02	17	840.018	58.6	798.418	41.600
B1006	32°18'08.79831"N	97°47'43.02538"W	847.72	225.00	622.72	7.5	840.221	50	797.721	42.500
B1007	32°18'08.94015"N	97°47'42.02591"W	843.62	226.70	616.92	11.5	832.123	44	799.623	32.500
B1008	32°18'07.65947"N	97°47'41.05563"W	847.56	225.20	622.36	9.5	838.056	47	800.556	37.500
B1008Off			847.54	8.70	838.84					
B1009I	32°18'06.42029"N	97°47'41.58920"W	857.20	204.46	652.74	15.22	841.981	57.6	799.601	42.380
B1010	32°18'06.30251"N	97°47'42.63420"W	861.44	224.80	636.64	15	846.441	62.2	799.241	47.200
B1011I	32°18'07.38565"N	97°47'42.79987"W	854.71	205.55	649.16	12.3	842.410	57	797.710	44.700
B1011IOff			855.31	15.00	840.31					
B1012	32°18'08.28312"N	97°47'35.91922"W	844.04	550.00	294.04	4	840.043	49	795.043	45.000
B1012Off			844.11	5.50	838.61					
B1013	32°18'05.63875"N	97°47'42.83107"W	863.53	150.00	713.53	6	857.531	65	798.531	59.000
B1014	32°18'08.08134"N	97°47'42.94056"W	851.20	150.00	701.20	11.5	839.697	53.4	797.797	41.900
B1015	32°18'05.88650"N	97°47'40.88214"W	858.09	151.40	706.69	16	842.094	58.3	799.794	42.300
B1015Off			858.80	15.50	843.30					
B1016	32°18'04.81020"N	97°47'42.69342"W	865.59	201.20	664.39	18.4	847.190	65.8	799.790	47.400
B1017	32°18'03.31719"N	97°47'42.04443"W	866.37	150.00	716.37	17	849.368	65.2	801.168	48.200
B1018	32°18'09.21359"N	97°47'43.53870"W	846.36	152.40	693.96	6.4	839.963	48.4	797.963	42.000
B1019	32°18'08.45527"N	97°47'43.81029"W	852.22	200.00	652.22	10	842.222	54.3	797.922	44.300
B1020	32°18'06.71293"N	97°47'44.33772"W	861.94	152.40	709.54	18.4	843.537	63.8	798.137	45.400
B1021	32°18'07.84854"N	97°47'39.21954"W	845.18	150.00	695.18	15.4	829.775	47.6	797.575	32.200
B1022	32°18'06.25714"N	97°47'43.42690"W	863.48	150.00	713.48	18.5	844.980	64.5	798.980	46.000
B1023	32°18'05.48582"N	97°47'44.14647"W	865.68	150.50	715.18	15.5	850.178	66.6	799.078	51.100
B1024	32°18'05.69714"N	97°47'41.93881"W	861.65	110.00	751.65	17	844.646	61.55	800.096	44.550
B1025	32°18'04.93101"N	97°47'40.85351"W	861.52	151.00	710.52	18	843.518	61	800.518	43.000
B1025Off			861.69	16.00	845.69					
B1026	32°18'04.25347"N	97°47'41.61808"W	865.13	110.80	754.33	9.5	855.632	63.8	801.332	54.300
B1027	32°18'03.43182"N	97°47'40.55214"W	863.62	150.00	713.62	15	848.619	61.9	801.719	46.900
B1028	32°18'09.96343"N	97°47'42.20648"W	842.06	75.50	766.56	12.5	829.564	42.5	799.564	30.000
B1029	32°18'08.25662"N	97°47'41.89926"W	846.88	150.00	696.88	6	840.878	49.5	797.378	43.500
B1030	32°18'07.74588"N	97°47'44.59729"W	858.58	150.00	708.58	17.5	841.075	60	798.575	42.500
B1031	32°18'06.22031"N	97°47'44.51535"W	864.21	100.60	763.61	18.5	845.713	63.5	800.713	45.000
B1032	32°18'04.92264"N	97°47'43.54930"W	867.32	100.50	766.82	14.7	852.617	66.9	800.417	52.200
B1033	32°18'04.82882"N	97°47'44.29315"W	866.92	76.20	790.72	9.8	857.117	68.2	798.717	58.400
B1034	32°18'02.70848"N	97°47'41.75126"W	858.46	150.00	708.46	5.6	852.863	56.8	801.663	51.200
B1035	32°18'02.78195"N	97°47'39.80404"W	856.11	100.00	756.11	3.8	852.306	54.9	801.206	51.100
B1036	32°18'04.75500"N	97°47'40.08035"W	858.65	75.00	783.65	11	847.647	58.2	800.447	47.200
B1037	32°18'06.16864"N	97°47'40.27994"W	852.84	151.30	701.54	14.4	838.436	53.4	799.436	39.000
B1038	32°18'09.15105"N	97°47'40.86652"W	843.53	150.00	693.53	13.8	829.725	44.7	798.825	30.900
B1039	32°18'06.47144"N	97°47'39.33504"W	847.10	75.00	772.10	10	837.096	48.9	798.196	38.900
B1040	32°18'06.86973"N	97°47'39.74260"W	847.04	100.50	746.54	9	838.042	48.75	798.292	39.750
B1041	32°18'07.28642"N	97°47'39.13745"W	845.30	149.80	695.50	11	834.295	47.4	797.895	36.400
B1042	32°18'06.28423"N	97°47'38.94404"W	846.41	151.00	695.41	11	835.411	48	798.411	37.000
B1043	32°18'10.97505"N	97°47'46.05367"W	824.51	76.80	747.71	5.2	819.314	24.7	799.814	19.500
B1044	32°18'11.26805"N	97°47'43.12536"W	838.21	75.70	762.51	20.5	817.706	39.3	798.906	18.800
B1045	32°18'11.45493"N	97°47'42.45811"W	838.17	75.80	762.37	19.5	818.665	39.1	799.065	19.600
B1046	32°18'11.75242"N	97°47'39.61640"W	837.25	75.00	762.25					
B1047	32°18'10.45134"N	97°47'45.24071"W	831.11	150.00	681.11	7.7	823.410	32.9	798.210	25.200
B1048	32°18'10.67112"N	97°47'43.85016"W	835.78	101.50	734.28	5	830.782	37.6	798.182	32.600
B1049	32°18'10.88198"N	97°47'41.69399"W	840.41	100.00	740.41	22	818.414	41.2	799.214	19.200
B1050	32°18'11.06395"N	97°47'40.26851"W	838.50	150.00	688.50	37.5	801.004	37.8	800.704	0.300
B1051	32°18'09.66696"N	97°47'45.88176"W	842.69	75.00	767.69	13	829.690	43.7	798.990	30.700
B1052	32°18'10.11028"N	97°47'42.99168"W	842.51	75.00	767.51	14	828.512	45	797.512	31.000
B1053	32°18'10.17969"N	97°47'42.28628"W	841.35	75.80	765.55	12	829.354	45.5	795.854	33.500
B1054	32°18'10.53981"N	97°47'39.42754"W	839.66	75.50	764.16	33.7	805.963	40.8	798.863	7.100
B1055	32°18'08.18710"N	97°47'45.48654"W	854.80	50.00	804.80	14	840.800			
B1056	32°18'08.94327"N	97°47'39.29146"W	843.03	51.00	792.03	12.5	830.527	44.3	798.727	31.800
B1057	32°18'06.72009"N	97°47'45.31534"W	861.14	50.00	811.14	14.9	846.240			
B1058	32°18'07.47110"N	97°47'39.04390"W	845.22	51.00	794.22	4.7	840.521	47.4	797.821	42.700
B1059	32°18'04.98000"N	97°47'44.55224"W	866.15	50.00	816.15	17	849.149			
B1060	32°18'05.06516"N	97°47'43.76893"W	866.96	50.00	816.96	14.5	852.459			
B1061	32°18'05.59134"N	97°47'39.50493"W	852.77	51.00	801.77	7.5	845.270			
B1062	32°18'05.67223"N	97°47'38.75965"W	848.38	50.80	797.58	9.3	839.075	49	799.375	39.700
B1063	32°18'12.57354"N	97°47'36.94681"W	837.16	100.00	737.16	30	807.155	36.3	800.855	6.300
B1064	32°18'11.43676"N	97°47'36.77404"W	839.05	100.50	738.55	9	830.046	39.9	799.146	30.900
B2000	32°18'08.98718"N	97°47'30.07842"W	844.03	401.10	442.93	17.2	826.827	48	796.027	30.800
B2001	32°18'11.01368"N	97°47'30.36614"W	837.89	301.00	536.89	10	827.886	41.8	796.086	31.800
B2001Off			837.71	9.60	828.11					
B2002	32°18'09.20743"N	97°47'28.37129"W	837.21	302.00	535.21	11.5	825.713	42.2	795.013	30.700
B2003	32°18'06.70815"N	97°47'29.67923"W	840.99	253.00	587.99	13.8	827.188	45.7	795.288	31.900
B2003Off			841.14	400.30	440.84	13	828.140	45	796.140	32.000
B2004	32°18'08.74045"N	97°47'32.27067"W	850.53	300.00	550.53	10	840.528	52.9	797.628	42.900
B2005	32°18'08.98107"N	97°47'31.88572"W	848.72	226.00	622.72	6	842.723	51.4	797.323	45.400
B2006	32°18'10.22084"N	97°47'31.29884"W	844.99	226.00	618.99	18.5	826.494	47	797.994	28.500
B2007	32°18'10.39277"N	97°47'30.27188"W	841.23	225.00	616.23	14	827.231	45.2	796.031	31.200
B2008	32°18'09.21386"N	97°47'29.14203"W	840.62	225.00	615.62	3.7	836.924	45.6	795.024	41.900
B2008Off			840.92	13.00	827.92					
B2009I	32°18'07.84148"N	97°47'29.82984"W	842.97	204.55	638.42	15.4	827.574	47.8	795.174	32.400
B2009IOff			843.18	10.50	832.68					
B2010	32°18'07.73166"N	97°47'30.85096"W	846.41	226.40	620.01	9	837.408	51.7	794.708	42.700
B2010Off			846.55	9.00	837.55					
B2011I	32°18'08.80851"N	97°47'31.14886"W	847.08	204.46	642.62	15	832.082	51.4	795.682	36.400
B2011IOff			846.73	8.50	838.23					
B2012	32°18'07.04791"N	97°47'31.13925"W	847.19	150.00	697.19	8.5	838.692	49.5	797.692	41.000
B2013	32°18'09.54492"N	97°47'31.24423"W	846.96	150.50	696.46	3.5	843.455	49.5	797.455	46.000
B2014	32°18'07.30404"N	97°47'29.17122"W	839.41	150.00	689.41	8.5	830.907	44	795.407	35.500
B2015	32°18'06.22925"N	97°47'31.00136"W	846.68	200.00	646.68	7.3	839.379	49.2	797.479	41.900
B2016	32°18'04.64128"N	97°47'30.28038"W	841.04	150.20	690.84	8.5	832.540	45.1	795.940	36.600
B2016Off			841.60	8.50	833.10					
B2017	32°18'10.69107"N	97°47'31.88619"W	845.37	150.00	695.37	16	829.367	47.4	797.967	31.400
B2018	32°18'09.87162"N	97°47'32.12241"W	848.70	8.10	840.60					
B2018Off			849.07	200.00	649.07	14.1	834.970	50	799.070	35.900
B2019	32°18'08.11069"N	97°47'32.64972"W	852.57	150.70	701.87	8.7	843.874	54.1	798.474	45.400
B2020	32°18'09.27433"N	97°47'27.42284"W	832.25	150.00	682.25	10.5	821.748	35.6	796.648	25.100
B2021	32°18'07.65632"N	97°47'31.73443"W	849.56	150.00	699.56	8.7	840.861	51	798.561	42.300
B2022	32°18'06.89117"N	97°47'32.44375"W	851.98	150.00	701.98	5.5	846.479	52.6	799.379	47.100
B2023	32°18'07.14539"N	97°47'30.13802"W	843.55	110.00	733.55	9.5	834.051	47.8	795.751	38.300
B2024	32°18'06.24608"N	97°47'29.41622"W	838.15	150.30	687.85	9.4	828.753	42.3	795.853	32.900
B2025	32°18'05.73697"N	97°47'29.93430"W	840.13	110.00	730.13	8.5	831.631	44.7	795.431	36.200
B2026	32°18'04.80417"N	97°47'28.85647"W	833.49	149.00	684.49	10	823.493	37.1	796.393	27.100
B2027	32°18'08.26494"N	97°47'26.33985"W	827.00	75.00	752.00	14	812.998	32.1	794.898	18.100
B2028	32°18'06.56476"N	97°47'26.04534"W	823.74	75.50	748.24					
B2029	32°18'09.69373"N	97°47'30.20691"W	843.58	151.00	692.58	15.5	828.078	47.5	796.078	32.000
B2030	32°18'09.28154"N	97°47'33.33612"W	852.55	151.40	701.15	17.6	834.952	54.1	798.452	36.500
B2030Off			857.62	8.50	849.12					
B2031	32°18'07.65554"N	97°47'32.80039"W	853.14	100.00	753.14	10.7	842.443	54.7	798.443	44.000
B2032	32°18'06.18999"N	97°47'32.54177"W	852.99	100.00	752.99	15	837.991	54	798.991	39.000
B2033	32°18'06.27388"N	97°47'31.85974"W	850.69	76.00	774.69	15.5	835.188	52.5	798.188	37.000
B2034	32°18'03.96063"N	97°47'30.02668"W	839.12	150.90	688.22	14	825.116	43.9	795.216	29.900
B2035	32°18'04.21968"N	97°47'28.00470"W	829.82	100.20	729.62	16.2	813.616	35.5	794.316	19.300
B2036	32°18'06.15506"N	97°47'28.34813"W	832.35	75.00	757.35	7	825.353	37	795.353	30.000
B2037	32°18'07.56081"N	97°47'26.59029"W	836.49	150.60	685.89	9.5	826.988	42.8	793.688	33.300
B2038	32°18'10.57050"N	97°47'29.13727"W	836.95	151.00	685.95	10.2	826.753	40.1	796.853	29.900
B2038Off			833.73	9.00	824.73					
B2039	32°18'07.71152"N	97°47'27.86599"W	833.49	76.00	757.49	7.5	825.988	38.3	795.188	30.800
B2040	32°18'08.34422"N	97°47'28.05260"W	835.14	100.50	734.64	8	827.136	40.4	794.736	32.400
B2041	32°18'08.70943"N	97°47'27.42697"W	831.76	151.40	680.36	8.1	823.664	36.6	795.164	28.500
B2042	32°18'07.71444"N	97°47'27.25919"W	830.75	90.00	740.75	13.7	817.047	34.5	796.247	20.800
B2043	32°18'07.04321"N	97°47'32.35975"W	851.71	55.00	796.71	7	844.710			
B2044	32°18'12.39045"N	97°47'34.36032"W	843.46	75.20	768.26	16.8	826.660	44.7	798.760	27.900
B2044Off			NA	13.50						
B2045	32°18'12.73530"N	97°47'31.51690"W	832.33	75.00	757.33	3.7	828.630	33.6	798.730	29.900
B2046	32°18'12.84479"N	97°47'30.81327"W	828.07	74.50	753.57	10.5	817.568	30.7	797.368	20.200
B2047	32°18'13.24168"N	97°47'27.96754"W	793.70	75.00	718.70					
B2048	32°18'11.90693"N	97°47'33.58070"W	844.18	151.70	692.48	18.4	825.781	45.3	798.881	26.900
B2048Off			845.92	16.50	829.42					
B2049	32°18'12.05915"N	97°47'32.15036"W	839.66	101.00	738.66	11	828.664	39.9	799.764	28.900
B2050	32°18'12.19402"N	97°47'30.01212"W	827.85	100.50	727.35	15	812.853	30.5	797.353	15.500
B2051	32°18'12.48880"N	97°47'28.53218"W	809.97	100.40	709.57	5.7	804.266	13.5	796.466	7.800
B2052	32°18'11.17840"N	97°47'34.17224"W	846.57	75.00	771.57	7.5	839.070	47.7	798.870	40.200
B2053	32°18'11.43072"N	97°47'31.29465"W	839.10	75.00	764.10	9.5	829.595	41.1	797.995	31.600
B2054	32°18'11.62191"N	97°47'30.60538"W	834.54	75.00	759.54	5	829.535	37	797.535	32.000
B2055	32°18'11.96274"N	97°47'27.70218"W	815.25	75.00	740.25	5.3	809.946	18.3	796.946	13.000
B2056	32°18'09.61661"N	97°47'33.77532"W	852.34	50.60	801.74	5	847.339			
B2057	32°18'10.36396"N	97°47'27.57830"W	831.71	50.00	781.71	7.5	824.205	34.9	796.805	27.400
B2058	32°18'08.15106"N	97°47'33.52367"W	853.67	50.00	803.67	10	843.674			
B2059	32°18'08.89353"N	97°47'27.33431"W	831.73	50.00	781.73	5	826.725	35.8	795.925	30.800
B2060	32°18'06.40808"N	97°47'32.82242"W	853.72	50.00	803.72	10	843.717			
B2061	32°18'06.48996"N	97°47'32.06256"W	851.24	50.00	801.24	9	842.243			
B2062	32°18'07.00447"N	97°47'27.79434"W	831.34	51.00	780.34	7	824.335	36.6	794.735	29.600
B2063	32°18'07.10306"N	97°47'27.04391"W	828.15	50.10	778.05	16	812.146	33.4	794.746	17.400
BS1000-ABC	32°18'07.18723"N	97°47'41.55090"W	851.96	40.00	811.96	7.00	844.96			
BS1001-ABC	32°18'04.92967"N	97°47'41.09384"W	861.81	39.90	821.91	15.70	846.11			
BS2000-ABC	32°18'08.29646"N	97°47'31.04370"W	847.00	40.60	806.40	13.40	833.60			
BS2001-ABC	32°18'06.78874"N	97°47'28.45203"W	834.39	40.20	794.19	8.50	825.89			
Minimum							801.00		793.69	0.30
Maximum							857.53		801.72	59.00
Mean							833.83		797.88	35.20
Variance							131.89		3.38	117.13
Std. Dev.							11.48		1.84	10.82

Boring	LAYER B1 Top (depth)	LAYER B1 Top (elevation)	LAYER B1 Bottom (Depth)	LAYER B1 Bottom (Elevation)	LAYER B1 Thickness	LAYER B2 Top (Elevation)	LAYER B2 Top (Depth)	LAYER B2 Base (depth)	LAYER B2 Base (elevation)	LAYER B2 Thickness
B1000	51.2	799.808	59.4	791.608	8.2	791.608	59.4	67	784.008	7.600
B1001	44.1	798.284	51.9	790.484	7.8	790.484	51.9	60.4	781.984	8.500
B1002	46	798.663	54.0	790.663	8.0	790.663	54.0	61.8	782.863	7.800
B1003	62.6	799.088	70.3	791.388	7.7	791.388	70.3	78.2	783.488	7.900
B1003Off	61.5	800.270	69.3	792.470	7.8	792.470	69.3	78.2	783.570	8.900
B1004	61.9	797.804	69.6	790.104	7.7	790.104	69.6	77.3	782.404	7.700
B1005	58.6	798.418	66.0	791.018	7.4	791.018	66.0	75	782.018	9.000
B1006	50	797.721	57.8	789.921	7.8	789.921	57.8	65.8	781.921	8.000
B1007	44	799.623	51.9	791.723	7.9	791.723	51.9	59.8	783.823	7.900
B1008	47	800.556	54.9	792.656	7.9	792.656	54.9	63.2	784.356	8.300
B1009I	57.6	799.601	65.8	791.401	8.2	791.401	65.8	73	784.201	7.200
B1010	62.2	799.241	70.0	791.441	7.8	791.441	70.0	78.2	783.241	8.200
B1011I	57	797.710	64.5	790.210	7.5	790.210	64.5	72.4	782.310	7.900
B1012	49	795.043	53.4	790.643	4.4	790.643	53.4	61.9	782.143	8.500
B1013	65	798.531	73.0	790.531	8.0	790.531	73.0	81	782.531	8.000
B1014	53.4	797.797	61.8	789.397	8.4	789.397	61.8	68.85	782.347	7.050
B1015	58.3	799.794	66.1	791.994	7.8	791.994	66.1	73.7	784.394	7.600
B1016	65.8	799.790	74.1	791.490	8.3	791.490	74.1	82	783.590	7.900
B1017	65.2	801.168	73.2	793.168	8.0	793.168	73.2	80.6	785.768	7.400
B1018	48.4	797.963	56.1	790.263	7.7	790.263	56.1	65.4	780.963	9.300
B1019	54.3	797.922	62.2	790.022	7.9	790.022	62.2	70.9	781.322	8.700
B1020	63.8	798.137	71.2	790.737	7.4	790.737	71.2	79.2	782.737	8.000
B1021	47.6	797.575	54.8	790.375	7.2	790.375	54.8	62.5	782.675	7.700
B1022	64.5	798.980	72.5	790.980	8.0	790.980	72.5	80.6	782.880	8.100
B1023	66.6	799.078	74.7	790.978	8.1	790.978	74.7	82.4	783.278	7.700
B1024	61.55	800.096	69.4	792.246	7.9	792.246	69.4	77.1	784.546	7.700
B1025	61	800.518	69.7	791.818	8.7	791.818	69.7	78.2	783.318	8.500
B1026	63.8	801.332	72.3	792.882	8.5	792.882	72.3	79.4	785.732	7.150
B1027	61.9	801.719	70.0	793.619	8.1	793.619	70.0	77.6	786.019	7.600
B1028	42.5	799.564	52.5	789.564	10.0	789.564	52.5	57.3	784.764	4.800
B1029	49.5	797.378	58.7	788.178	9.2	788.178	58.7	65	781.878	6.300
B1030	60	798.575	67.9	790.675	7.9	790.675	67.9	75.7	782.875	7.800
B1031	63.5	800.713	71.8	792.463	8.3	792.463	71.8	79.5	784.713	7.750
B1032	66.9	800.417	74.7	792.617	7.8	792.617	74.7	83	784.317	8.300
B1033	68.2	798.717								
B1034	56.8	801.663	64.4	794.063	7.6	794.063	64.4	72.5	785.963	8.100
B1035	54.9	801.206	62.7	793.406	7.8	793.406	62.7	70.3	785.806	7.600
B1036	58.2	800.447	65.3	793.347	7.1	793.347	65.3	73.8	784.847	8.500
B1037	53.4	799.436	61.3	791.536	7.9	791.536	61.3	68.8	784.036	7.500
B1038	44.7	798.825	52.7	790.825	8.0	790.825	52.7	60.7	782.825	8.000
B1039	48.9	798.196	57.0	790.096	8.1	790.096	57.0	63.9	783.196	6.900
B1040	48.75	798.292	55.6	791.442	6.9	791.442	55.6	66	781.042	10.400
B1041	47.4	797.895	55.2	790.095	7.8	790.095	55.2	65	780.295	9.800
B1042	48	798.411	55.5	790.911	7.5	790.911	55.5	65.3	781.111	9.800
B1043	24.7	799.814	32.6	791.914	7.9	791.914	32.6	40.4	784.114	7.800
B1044	39.3	798.906	47.5	790.756	8.2	790.756	47.5	55.5	782.706	8.050
B1045	39.1	799.065	46.8	791.365	7.7	791.365	46.8	54.6	783.565	7.800
B1047	32.9	798.210	40.8	790.310	7.9	790.310	40.8	50.6	780.510	9.800
B1048	37.6	798.182	45.5	790.282	7.9	790.282	45.5	53.3	782.482	7.800
B1049	41.2	799.214	49.3	791.114	8.1	791.114	49.3	56.6	783.814	7.300
B1050	37.8	800.704	47.9	790.604	10.1	790.604	47.9	55.8	782.704	7.900
B1051	43.7	798.990	50.0	792.690	6.3	792.690	50.0	60	782.690	10.000
B1052	45	797.512	52.0	790.512	7.0	790.512	52.0	60.6	781.912	8.600
B1053	45.5	795.854	52.5	788.854	7.0	788.854	52.5	62.7	778.654	10.200
B1054	40.8	798.863	48.8	790.863	8.0	790.863	48.8	56.6	783.063	7.800
B1056	44.3	798.727								
B1058	47.4	797.821								
B1062	49	799.375								
B1063	36.3	800.855	44.0	793.155	7.7	793.155	44.0	52.2	784.955	8.200
B1064	39.9	799.146	47.8	791.246	7.9	791.246	47.8	55.8	783.246	8.000
B2000	48	796.027	56.2	787.827	8.2	787.827	56.2	64.6	779.427	8.400
B2001	41.8	796.086	49.6	788.286	7.8	788.286	49.6	57	780.886	7.400
B2002	42.2	795.013	50.5	786.713	8.3	786.713	50.5	57.8	779.413	7.300
B2003	45.7	795.288	53.6	787.388	7.9	787.388	53.6	61	779.988	7.400
B2003Off	45	796.140	52.5	788.640	7.5	788.640	52.5	60.1	781.040	7.600
B2004	52.9	797.628	60.5	790.028	7.6	790.028	60.5	68.4	782.128	7.900
B2005	51.4	797.323	59.2	789.523	7.8	789.523	59.2	67.2	781.523	8.000
B2006	47	797.994	55.5	789.494	8.5	789.494	55.5	63.9	781.094	8.400
B2007	45.2	796.031	53.1	788.131	7.9	788.131	53.1	60.5	780.731	7.400
B2008	45.6	795.024	53.0	787.624	7.4	787.624	53.0	60.5	780.124	7.500
B2009I	47.8	795.174	55.7	787.274	7.9	787.274	55.7	63.2	779.774	7.500
B2010	51.7	794.708	58.8	787.608	7.1	787.608	58.8	66.2	780.208	7.400
B2011I	51.4	795.682	57.0	790.082	5.6	790.082	57.0	65.3	781.782	8.300
B2012	49.5	797.692	58.6	788.592	9.1	788.592	58.6	65.8	781.392	7.200
B2013	49.5	797.455	57.4	789.555	7.9	789.555	57.4	65	781.955	7.600
B2014	44	795.407	52.1	787.307	8.1	787.307	52.1	59.7	779.707	7.600
B2015	49.2	797.479	57.2	789.479	8.0	789.479	57.2	64.4	782.279	7.200
B2016	45.1	795.940	52.9	788.140	7.8	788.140	52.9	61.8	779.240	8.900
B2017	47.4	797.967	55.6	789.767	8.2	789.767	55.6	63	782.367	7.400
B2018Off	50	799.070	57.9	790.798	7.9	790.798	57.9	66	783.070	8.100
B2019	54.1	798.474	62.0	790.574	7.9	790.574	62.0	69.7	782.874	7.700
B2020	35.6	796.648	43.7	788.548	8.1	788.548	43.7	51.1	781.148	7.400
B2021	51	798.561	59.5	790.061	8.5	790.061	59.5	66.8	782.761	7.300
B2022	52.6	799.379	60.8	791.179	8.2	791.179	60.8	67.9	784.079	7.100
B2023	47.8	795.751	55.7	787.851	7.9	787.851	55.7	63.4	780.151	7.700
B2024	42.3	795.853	49.4	788.753	7.1	788.753	49.4	57.1	781.053	7.700
B2025	44.7	795.431	51.8	788.331	7.1	788.331	51.8	59.9	780.231	8.100
B2026	37.1	796.393	45.9	787.593	8.8	787.593	45.9	53.5	779.993	7.600
B2027	32.1	794.898	40.0	786.998	7.9	786.998	40.0	47.4	779.598	7.400
B2028								47.2	776.536	
B2029	47.5	796.078	55.4	788.178	7.9	788.178	55.4	63	780.578	7.600
B2030	54.1	798.452	61.7	790.852	7.6	790.852	61.7	69.6	782.952	7.900
B2031	54.7	798.443	62.4	790.743	7.7	790.743	62.4	70.1	783.043	7.700
B2032	54	798.991	62.0	790.991	8.0	790.991	62.0	69.7	783.291	7.700
B2033	52.5	798.188	60.5	790.188	8.0	790.188	60.5	67.9	782.788	7.400
B2034	43.9	795.216	51.7	787.416	7.8	787.416	51.7	59.3	779.816	7.600
B2035	35.5	794.316	43.4	786.416	7.9	786.416	43.4	51.1	778.716	7.700
B2036	37	795.353	45.0	787.353	8.0	787.353	45.0	52.5	779.853	7.500
B2037	42.8	793.688	50.6	785.888	7.8	785.888	50.6	58.6	777.888	8.000
B2038	40.1	796.853	48.6	788.353	8.5	788.353	48.6	55.8	781.153	7.200
B2039	38.3	795.188	46.9	786.588	8.6	786.588	46.9	55.8	777.688	8.900
B2040	40.4	794.736	48.4	786.736	8.0	786.736	48.4	55.7	779.436	7.300
B2041	36.6	795.164	44.4	787.364	7.8	787.364	44.4	51.95	779.814	7.550
B2042	34.5	796.247	42.5	788.247	8.0	788.247	42.5	51.9	778.847	9.400
B2044	44.7	798.760	52.6	790.860	7.9	790.860	52.6	61.3	782.160	8.700
B2045	33.6	798.730	41.3	791.030	7.7	791.030	41.3	49.3	783.030	8.000
B2046	30.7	797.368	39.0	789.068	8.3	789.068	39.0	46.7	781.368	7.700
B2047								13.3	780.396	
B2048	45.3	798.881	53.1	791.081	7.8	791.081	53.1	60.9	783.281	7.800
B2049	39.9	799.764	49.0	790.664	9.1	790.664	49.0	56.8	782.864	7.800
B2050	30.5	797.353	38.5	789.353	8.0	789.353	38.5	46.3	781.553	7.800
B2051	13.5	796.466	21.4	788.566	7.9	788.566	21.4	29.1	780.866	7.700
B2052	47.7	798.870	55.6	790.970	7.9	790.970	55.6	63.5	783.070	7.900
B2053	41.1	797.995	49.5	789.595	8.4	789.595	49.5	57	782.095	7.500
B2054	37	797.535	44.8	789.735	7.8	789.735	44.8	52.5	782.035	7.700
B2055	18.3	796.946	26.7	788.546	8.4	788.546	26.7	34.3	780.946	7.600
B2057	34.9	796.805	42.8	788.905	7.9	788.905	42.8	50	781.705	7.200
B2059	35.8	795.925	43.5	788.225	7.7	788.225	43.5	48.6	783.125	5.100
B2062	36.6	794.735	44.3	787.035	7.7	787.035	44.3	51	780.335	6.700
B2063	33.4	794.746	42.1	786.046	8.7	786.046	42.1	49	779.146	6.900
Minimum		793.69		785.888	4.4	785.888			776.54	4.80
Maximum		801.72		794.063	10.1	794.063			786.02	10.40
Mean		797.88		789.967	7.9	789.967			782.04	7.87
Variance		3.38		3.346	0.4	3.346			3.50	0.65
Std. Dev.		1.84		1.829	0.6	1.829			1.87	0.80

Boring	LAYER C Top (depth)	LAYER C Top (elevation)	LAYER C Base (depth)	LAYER C Base (elevation)	LAYER C Thickness	LAYER D Top (depth)	LAYER D Top (elevation)	LAYER D Base (depth)	LAYER D Base (elevation)	LAYER D Thickness	LAYER E Top (depth)	LAYER E Top (elevation)
B1000	67	784.008	133	718.008	66.000	133	718.008	136.4	714.608	3.400	136.4	714.608
B1001	60.4	781.984	125.6	716.784	65.200	125.6	716.784	129.4	712.984	3.800	129.4	712.984
B1002	61.8	782.863	127.6	717.063	65.800	127.6	717.063	131.4	713.263	3.800	131.4	713.263
B1003	78.2	783.488	144.1	717.588	65.900	144.1	717.588	147.6	714.088	3.500	147.6	714.088
B1003Off	78.2	783.570	144.1	717.670	65.900	144.1	717.670	147.6	714.170	3.500	147.6	714.170
B1004	77.3	782.404	142.5	717.204	65.200	142.5	717.204	146.1	713.604	3.600	146.1	713.604
B1005	75	782.018	140	717.018	65.000	140	717.018	143.6	713.418	3.600	143.6	713.418
B1006	65.8	781.921	131.2	716.521	65.400	131.2	716.521	134.6	713.121	3.400	134.6	713.121
B1007	59.8	783.823	125.4	718.223	65.600	125.4	718.223	129.3	714.323	3.900	129.3	714.323
B1008	63.2	784.356	130.8	716.756	67.600	130.8	716.756	132.8	714.756	2.000	132.8	714.756
B1009I	73	784.201	138.1	719.101	65.100	138.1	719.101	141.4	715.801	3.300	141.4	715.801
B1010	78.2	783.241	144	717.441	65.800	144	717.441	148	713.441	4.000	148	713.441
B1011I	72.4	782.310	137.5	717.210	65.100	137.5	717.210	141	713.710	3.500	141	713.710
B1012	61.9	782.143	126.5	717.543	64.600	126.5	717.543	131.2	712.843	4.700	131.2	712.843
B1013	81	782.531	146.2	717.331	65.200	146.2	717.331	149.5	714.031	3.300	149.5	714.031
B1014	68.85	782.347	135	716.197	66.150	135	716.197	138.5	712.697	3.500	138.5	712.697
B1015	73.7	784.394	138.8	719.294	65.100	138.8	719.294	143.5	714.594	4.700	143.5	714.594
B1016	82	783.590	147.75	717.840	65.750	147.75	717.840	149	716.590	1.250	149	716.590
B1017	80.6	785.768	144.8	721.568	64.200	144.8	721.568	150	716.368	5.200	150	716.368
B1018	65.4	780.963	129.7	716.663	64.300	129.7	716.663	131.1	715.263	1.400	131.1	715.263
B1019	70.9	781.322	136.05	716.172	65.150	136.05	716.172	139.4	712.822	3.350	139.4	712.822
B1020	79.2	782.737	144.2	717.737	65.000	144.2	717.737	145.4	716.537	1.200	145.4	716.537
B1021	62.5	782.675	128.5	716.675	66.000	128.5	716.675	131.6	713.575	3.100	131.6	713.575
B1022	80.6	782.880	144.2	719.280	63.600	144.2	719.280	147.7	715.780	3.500	147.7	715.780
B1023	82.4	783.278	144	721.678	61.600	144	721.678	149.5	716.178	5.500	149.5	716.178
B1024	77.1	784.546										
B1025	78.2	783.318	141.3	720.218	63.100	141.3	720.218	146	715.518	4.700	146	715.518
B1026	79.4	785.732										
B1027	77.6	786.019	143.4	720.219	65.800	143.4	720.219	147.1	716.519	3.700	147.1	716.519
B1028	57.3	784.764										
B1029	65	781.878	130.9	715.978	65.900	130.9	715.978	134.2	712.678	3.300	134.2	712.678
B1030	75.7	782.875	140.8	717.775	65.100	140.8	717.775	144.6	713.975	3.800	144.6	713.975
B1031	79.5	784.713										
B1032	83	784.317										
B1034	72.5	785.963	138	720.463	65.500	138	720.463	139.4	719.063	1.400	139.4	719.063
B1035	70.3	785.806										
B1036	73.8	784.847										
B1037	68.8	784.036	134.7	718.136	65.900	134.7	718.136	138	714.836	3.300	138	714.836
B1038	60.7	782.825	125.8	717.725	65.100	125.8	717.725	129.1	714.425	3.300	129.1	714.425
B1039	63.9	783.196										
B1040	66	781.042										
B1041	65	780.295	128.2	717.095	63.200	128.2	717.095	131.7	713.595	3.500	131.7	713.595
B1042	65.3	781.111	128.7	717.711	63.400	128.7	717.711	132.3	714.111	3.600	132.3	714.111
B1043	40.4	784.114										
B1044	55.5	782.706										
B1045	54.6	783.565										
B1047	50.6	780.510	114.2	716.910	63.600	114.2	716.910	117.4	713.710	3.200	117.4	713.710
B1048	53.3	782.482										
B1049	56.6	783.814										
B1050	55.8	782.704	121.4	717.104	65.600	121.4	717.104	125	713.504	3.600	125	713.504
B1051	60	782.690										
B1052	60.6	781.912										
B1053	62.7	778.654										
B1054	56.6	783.063										
B1063	52.2	784.955										
B1064	55.8	783.246										
B2000	64.6	779.427	128.8	715.227	64.200	128.8	715.227	132.5	711.527	3.700	132.5	711.527
B2001	57	780.886	121	716.886	64.000	121	716.886	125	712.886	4.000	125	712.886
B2002	57.8	779.413	120.9	716.313	63.100	120.9	716.313	126.5	710.713	5.600	126.5	710.713
B2003	61	779.988	125.2	715.788	64.200	125.2	715.788	129.8	711.188	4.600	129.8	711.188
B2003Off	60.1	781.040	124.3	716.840	64.200	124.3	716.840	127.9	713.240	3.600	127.9	713.240
B2004	68.4	782.128	133.6	716.928	65.200	133.6	716.928	137.4	713.128	3.800	137.4	713.128
B2005	67.2	781.523	132.2	716.523	65.000	132.2	716.523	133.7	715.023	1.500	133.7	715.023
B2006	63.9	781.094	128.6	716.394	64.700	128.6	716.394	132.3	712.694	3.700	132.3	712.694
B2007	60.5	780.731	124.7	716.531	64.200	124.7	716.531	128.5	712.731	3.800	128.5	712.731
B2008	60.5	780.124	124.7	715.924	64.200	124.7	715.924	129.4	711.224	4.700	129.4	711.224
B2009I	63.2	779.774	126.8	716.174	63.600	126.8	716.174	128.3	714.674	1.500	128.3	714.674
B2010	66.2	780.208	130.9	715.508	64.700	130.9	715.508	132.6	713.808	1.700	132.6	713.808
B2011I	65.3	781.782	129.8	717.282	64.500	129.8	717.282	133.9	713.182	4.100	133.9	713.182
B2012	65.8	781.392	130	717.192	64.200	130	717.192	134.4	712.792	4.400	134.4	712.792
B2013	65	781.955	130	716.955	65.000	130	716.955	133.7	713.255	3.700	133.7	713.255
B2014	59.7	779.707	124.7	714.707	65.000	124.7	714.707	127.1	712.307	2.400	127.1	712.307
B2015	64.4	782.279	129.6	717.079	65.200	129.6	717.079	134	712.679	4.400	134	712.679
B2016	61.8	779.240	125.6	715.440	63.800	125.6	715.440	130.1	710.940	4.500	130.1	710.940
B2017	63	782.367	128.6	716.767	65.600	128.6	716.767	132.6	712.767	4.000	132.6	712.767
B2018Off	66	783.070	131.1	717.970	65.100	131.1	717.970	135.9	713.170	4.800	135.9	713.170
B2019	69.7	782.874	135	717.574	65.300	135	717.574	139.8	712.774	4.800	139.8	712.774
B2020	51.1	781.148	116.2	716.048	65.100	116.2	716.048	120.3	711.948	4.100	120.3	711.948
B2021	66.8	782.761	130.4	719.161	63.600	130.4	719.161	135	714.561	4.600	135	714.561
B2022	67.9	784.079	133.8	718.179	65.900	133.8	718.179	138.4	713.579	4.600	138.4	713.579
B2023	63.4	780.151										
B2024	57.1	781.053	121.2	716.953	64.100	121.2	716.953	125.3	712.853	4.100	125.3	712.853
B2025	59.9	780.231										
B2026	53.5	779.993	117.7	715.793	64.200	117.7	715.793	121.3	712.193	3.600	121.3	712.193
B2027	47.4	779.598										
B2028	47.2	776.536										
B2029	63	780.578	126.9	716.678	63.900	126.9	716.678	128.1	715.478	1.200	128.1	715.478
B2030	69.6	782.952	135.1	717.452	65.500	135.1	717.452	139.3	713.252	4.200	139.3	713.252
B2031	70.1	783.043										
B2032	69.7	783.291										
B2033	67.9	782.788										
B2034	59.3	779.816	123.7	715.416	64.400	123.7	715.416	128.2	710.916	4.500	128.2	710.916
B2035	51.1	778.716										
B2036	52.5	779.853										
B2037	58.6	777.888	123.2	713.288	64.600	123.2	713.288	126.8	709.688	3.600	126.8	709.688
B2038	55.8	781.153	120.3	716.653	64.500	120.3	716.653	122.2	714.753	1.900	122.2	714.753
B2039	55.8	777.688										
B2040	55.7	779.436										
B2041	51.95	779.814	116.8	714.964	64.850	116.8	714.964	120.6	711.164	3.800	120.6	711.164
B2042	51.9	778.847										
B2044	61.3	782.160										
B2045	49.3	783.030										
B2046	46.7	781.368										
B2047	13.3	780.396										
B2048	60.9	783.281	127.1	717.081	66.200	127.1	717.081	130.5	713.681	3.400	130.5	713.681
B2049	56.8	782.864										
B2050	46.3	781.553										
B2051	29.1	780.866	94.1	715.866	65.000	94.1	715.866	99.4	710.566	5.300	99.4	710.566
B2052	63.5	783.070										
B2053	57	782.095										
B2054	52.5	782.035										
B2055	34.3	780.946										
B2057	50	781.705										
B2059	48.6	783.125										
B2062	51	780.335										
B2063	49	779.146										
Minimum		776.54		713.29	61.60		713.29		709.69	1.20		709.69
Maximum		786.02		721.68	67.60		721.68		719.06	5.60		719.06
Mean		782.09			64.85		717.19			3.59		713.59
Variance		3.50		2.12	0.89		2.12		2.68	1.08		2.68
Std. Dev.		1.87		1.46	0.94		1.46		1.64	1.04		1.64

Boring	E1 Top (depth)	E1 Top (elevation)	E1 Base (depth)	E1 Base (elevation)	E1 Thickness	E2 Top (depth)	E2 Top (elevation)	E2 Base (depth)	E2 Base (elevation)	E2 Thickness	E3 Top (depth)	E3 Top (elevation)	E3 Base (depth)	E3 Base (elevation)	E3 Thickness
B1000	136.4	714.608	160.550	690.458	24.150	160.550	690.458	195.300	655.708	34.750	195.300	655.708	230.2	620.808	34.900
B1001	129.4	712.984	152.300	690.084	22.900	152.300	690.084	187.200	655.184	34.900	187.200	655.184	220.4	621.964	33.200
B1002	131.4	713.263	154.250	690.413	22.850	154.250	690.413	189.200	655.463	34.950	189.200	655.463	218.9	625.763	29.700
B1003	147.6	714.088	170.050	691.638	22.450	170.050	691.638	205.100	656.588	35.050	205.100	656.588	236	625.688	30.900
B1003Off	147.6	714.170	170.000	691.770	22.400	170.000	691.770	205.100	656.670	35.100	205.100	656.670	236.900	624.870	31.800
B1004	146.1	713.604	168.300	691.404	22.200	168.300	691.404	202.850	656.854	34.550	202.850	656.854	236.9	622.604	34.050
B1005	143.6	713.418	165.800	691.218	22.200	165.800	691.218	201.400	655.618	35.600	201.400	655.618			
B1006	134.6	713.121	157.200	690.521	22.600	157.200	690.521	192.800	654.921	35.600	192.800	654.921			
B1007	129.3	714.323	153.500	690.123	24.200	153.500	690.123	186.900	656.723	33.400	186.900	656.723	222.700	620.923	35.800
B1008	132.8	714.756	156.900	690.656	24.100	156.900	690.656	191.300	656.256	34.400	191.300	656.256	222.000	625.556	30.700
B1009I	141.4	715.801	165.600	691.601	24.200	165.600	691.601	199.000	658.201	33.400	199.000	658.201			
B1010	148	713.441	170.000	691.441	22.000	170.000	691.441	205.200	656.241	35.200	205.200	656.241			
B1011I	141	713.710	163.600	691.110	22.600	163.600	691.110	198.200	656.510	34.600	198.200	656.510			
B1012	131.2	712.843	155.450	688.593	24.250	155.450	688.593	189.800	654.243	34.350	189.800	654.243	224	620.043	34.200
B1013	149.5	714.031	172.500	691.031	23.000	172.500	691.031								
B1014	138.5	712.697													
B1015	143.5	714.594													
B1016	149	716.590													
B1017	150	716.368													
B1018	131.1	715.263													
B1019	139.4	712.822	163.000	689.222	23.600	163.000	689.222	197.500	654.722	34.500					
B1020	145.4	716.537													
B1021	131.6	713.575													
B1022	147.7	715.780													
B1023	149.5	716.178													
B1025	146	715.518													
B1027	147.1	716.519													
B1029	134.2	712.678													
B1030	144.6	713.975													
B1034	139.4	719.063													
B1037	138	714.836													
B1038	129.1	714.425													
B1041	131.7	713.595													
B1042	132.3	714.111													
B1047	117.4	713.710	139.400	691.710	22.000										
B1050	125	713.504	148.200	690.304	23.200										
B2000	132.5	711.527	155.500	688.527	23.000	155.500	688.527	189.400	654.627	33.900	189.400	654.627	222.6	621.427	33.200
B2001	125	712.886	148.400	689.486	23.400	148.400	689.486	182.700	655.186	34.300	182.700	655.186	215.3	622.586	32.600
B2002	126.5	710.713	148.550	688.663	22.050	148.550	688.663	182.500	654.713	33.950	182.500	654.713	218.6	618.613	36.100
B2003	129.8	711.188	151.450	689.538	21.650	151.450	689.538	185.450	655.538	34.000	185.450	655.538	222.8	618.188	37.350
B2003Off	127.9	713.240	151.300	689.840	23.400	151.300	689.840	185.900	655.240	34.600	185.900	655.240	219.900	621.240	34.000
B2004	137.4	713.128	160.500	690.028	23.100	160.500	690.028	194.800	655.728	34.300	194.800	655.728	227.5	623.028	32.700
B2005	133.7	715.023	158.500	690.223	24.800	158.500	690.223	193.900	654.823	35.400	193.900	654.823	225.100	623.623	31.200
B2006	132.3	712.694	155.000	689.994	22.700	155.000	689.994	190.500	654.494	35.500	190.500	654.494	222.300	622.694	31.800
B2007	128.5	712.731	151.800	689.431	23.300	151.800	689.431	186.000	655.231	34.200	186.000	655.231	219.600	621.631	33.600
B2008	129.4	711.224	151.100	689.524	21.700	151.100	689.524	185.700	654.924	34.600	185.700	654.824	219.300	621.324	33.600
B2009I	128.3	714.674	151.400	691.574	23.100	151.400	691.574	187.600	655.374	36.200	187.600	655.374			
B2010	132.6	713.808	155.000	691.408	22.400	155.000	691.408	192.700	653.708	37.700	192.700	653.708			
B2011I	133.9	713.182	156.000	691.082	22.100	156.000	691.082	190.320	656.762	34.320	190.320	656.762			
B2012	134.4	712.792													
B2013	133.7	713.255													
B2014	127.1	712.307													
B2015	134	712.679	156.400	690.279	22.400	156.400	690.279								
B2016	130.1	710.940													
B2017	132.6	712.767													
B2018Off	135.9	713.170	158.200	690.870	22.300	158.200	690.870	193.500	655.570	35.300	193.500	655.570			
B2019	139.8	712.774													
B2020	120.3	711.948	142.500	689.748	22.200	142.500	689.748								
B2021	135	714.561													
B2022	138.4	713.579													
B2024	125.3	712.853	148.300	689.853	23.000	148.300	689.853								
B2026	121.3	712.193	145.000	688.493	23.700	145.000	688.493								
B2029	128.1	715.478													
B2030	139.3	713.252													
B2034	128.2	710.916													
B2037	126.8	709.688													
B2038	122.2	714.753	147.000	689.953	24.800	147.000	689.953								
B2041	120.6	711.164	143.500	688.264	22.900	143.500	688.264								
B2048	130.5	713.681													
B2051	99.4	710.566													
Minimum		709.69			21.65		688.26			33.4		653.708			29.7
Maximum		719.06			24.80		691.77			37.7		658.201			37.35
Mean		713.59			22.97		690.22			34.78		655.6			33.23
Variance		2.68			0.69		0.99967			0.746		0.944			3.9
Std. Dev.		1.64			0.83		0.99983			0.864		0.972			1.978

Notes:

(1) Boring ID, Latitude, Longitude, and Elevation data for each listed boring was copy and pasted directly from the As-Build Coordinates Xcel Spreadsheet provided directly to WLA by GDM Surveyors. The

Bedrock at B1046 begins in LAYER C, therefore, no stratigraphic LAYER C could be calculated

LAYER E	LAYER E	LAYER E	LAYER F	LAYER F	LAYER F	LAYER F	LAYER F	LAYER G	LAYER G	LAYER G	LAYER G	LAYER G	LAYER H	LAYER H	LAYER H	LAYER H	LAYER H	LAYER I	LAYER I	LAYER I	LAYER I	LAYER I	Mineral Wells	Mineral Wells
Base (depth)	Base (elevation)	LAYER E Thickness	Top (depth)	Top (elevation)	Base (depth)	Base (elevation)	LAYER F Thickness	Top (depth)	Top (elevation)	Base (depth)	Base (elevation)	LAYER G Thickness	Top (depth)	Top (elevation)	Base (depth)	Base (elevation)	LAYER H Thickness	Top (depth)	Top (elevation)	Base (depth)	Base (elevation)	LAYER H Thickness	Depth	Elevation
230.2	620.808	**93.800**	230.2	620.808	257.4	593.608	**27.200**	257.4	593.608	334	517.008	**76.600**	334	517.008	398	453.008	**64.000**	398.000	453.008					
220.4	621.984	**91.000**	220.4	621.984	251.5	590.884	**31.100**	251.5	590.884															
218.9	625.763	**87.500**	218.9	625.763	251.6	593.063	**32.700**	251.6	593.063															
236	625.688	**88.400**	236	625.688	265.2	596.488	**29.200**	265.2	596.488															
236.9	624.870	**89.300**	236.9	624.870	264.7	597.070	**27.800**	264.7	597.070	348.6	513.170	**83.900**	348.6	513.17										
236.9	622.804	**90.800**	236.9	622.804	262	597.704	**25.100**	262	597.704															
222.7	620.923	**93.400**	222.7	620.923																				
222	625.556	**89.200**	222	625.556																				
224	620.043	**92.800**	224	620.043	249	595.043	**25.000**	249	595.043	329	515.043	**80.000**	329	515.043	389.2	454.843	**60.200**	389.200	454.843	455.900	388.143	**66.70**	455.90	388.14
222.6	621.427	**90.100**	222.6	621.427	253.1	590.927	**30.500**	253.1	590.927	337.5	506.527	**84.400**	337.5	506.527	398	446.027	**60.500**	398.000	446.027					
215.3	622.586	**90.300**	215.3	622.586	250	587.886	**34.700**	250	587.886															
218.6	618.613	**92.100**	218.6	618.613	252.7	584.513	**34.100**	252.7	584.513															
222.6	618.188	**93.000**	222.6	618.188																				
219.9	621.240	**92.000**	219.9	621.240	250.8	590.340	**30.900**	250.8	590.340	328.4	512.740	**77.600**	328.4	512.74	390	451.140	**61.600**	390.000	451.140					
227.5	623.028	**90.100**	227.5	623.028	253	597.528	**25.500**	253	597.528															
225.1	623.623	**91.400**	225.1	623.623																				
222.3	622.694	**90.000**	222.3	622.694																				
219.6	621.631	**91.100**	219.6	621.631																				
219.3	621.324	**89.900**	219.3	621.324																				
	618.19	**87.50**		618.19		584.51	**25.00**		584.51		506.53	**76.60**		506.53		446.03	**60.20**		446.03		388.14	**66.70**		**388.14**
	625.76	**93.80**		625.76		597.70	**34.70**		597.70		517.01	**84.40**		517.01		454.84	**68.00**		454.84		388.14	**66.70**		**388.14**
	622.25	**90.85**		622.25		592.92	**29.45**		592.92		512.90	**80.50**		512.90		451.25	**62.55**		451.25					
	4.55	**2.75**		4.55		15.82	**10.65**		15.82		12.44	**10.13**		12.44		10.82	**13.44**		10.82			**0.00**		**0.00**
	2.13	**1.06**		2.13		3.98	**3.25**		3.98		3.53	**3.18**		3.53		3.29	**3.66**		3.29			**0.00**		**0.00**

PointID	Depth	Bottom	Dip	Description	AS-Built Elevation	Top of Joint	Bottom of Joint
B-1000	19.2		10	Jo, healed, slightly weathered.	851.01	831.81	
B-1000	45.3			R=8-10, Be, Sl, Ro, on coal seam	851.01	805.71	
B-1000	67		5	Be, Pl, open	851.01	784.01	
B-1000	244	245		No recovery	851.01	607.01	606.01
B-1000	263.2	265		No recovery	851.01	587.81	586.01
B-1000	274	275		No recovery	851.01	577.01	576.01
B-1000	277.2	280		No recovery	851.01	573.81	571.01
B-1000	282.3	285		No recovery	851.01	568.71	566.01
B-1000	287.2	290		No recovery	851.01	563.81	561.01
B-1000	292.1	295		No recovery	851.01	558.91	556.01
B-1000	297.5	300		No recovery	851.01	553.51	551.01
B-1000	309.1	310		No recovery	851.01	541.91	541.01
B-1000	311.3	325		No recovery	851.01	539.71	526.01
B-1000	326.3	330		No recovery	851.01	524.71	521.01
B-1000	331.8		45	Ro, irregular	851.01	519.21	
B-1000	332		15	Ro, irregular	851.01	519.01	
B-1000	332.5		70	Ro, irregular	851.01	518.51	
B-1000	378	380		No recovery	851.01	473.01	471.01
B-1000	383	385		No recovery	851.01	468.01	466.01
B-1002	15.5		5	He, SM, clay filled	844.66	829.16	
B-1002	42			feathered hammering	844.66	802.66	
B-1002	201.6			non-linear, sharp	844.66	643.06	
B-1002	272	276		unconsolidated sandstone	844.66	572.66	568.66
B-1003	18.8		5	BJ, Ro, Wa, Op	861.69	842.89	
B-1003	32		5	Wa, BJ, Sl to Ro, Op	861.69	829.69	
B-1003	32.25			healed fracture	861.69	829.44	
B-1003	33.45		10	BJ, Wa, Sl, Ti	861.69	828.24	
B-1003	51.4		20	BJ, Wa, Ro, Op	861.69	810.29	
B-1003	55.2		25	Wa, Op, Ro	861.69	806.49	
B-1003	66		5	BJ, Pl, Sl, Ti	861.69	795.69	
B-1003	81.8		5	BJ, Wa, Ro, Op	861.69	779.89	
B-1003	214.8		10	Rf, Pl, Ro, Op	861.69	646.89	
B-1003	267.4		13	Rf, Pl, Sl, Ti	861.69	594.29	
B-1003	273.5		20	Rf, Wa, Sl, Op	861.69	588.19	
B-1003	274.8		20	BJ, Pl, Sl, Op	861.69	586.89	
B-1003	297.7		30	Rf, Pl, Sl, Ti	861.69	563.99	
B-1003	300.1		20	BJ, Wa, Sm, Op	861.69	561.59	
B-1003	302.8	303.3		Washout, No Recovery	861.69	558.89	558.39
B-1003	309.5		15	Wa, Op, BJ, Sl	861.69	552.19	
B-1003	328.8	329.5		Washout, No Recovery	861.69	532.89	532.19
B-1003	330	331.5		Washout, No Recovery	861.69	531.69	530.19
B-1003 offset	353		30	JO, JRC 3, 30 dip, slickenside, tight	861.77	508.77	
B-1003 offset	353.4		40	JO, JRC 3, 40 dip, slickenside, tight	861.77	508.37	
B-1003 offset	355	355.4	60	JO, JRC 2 tight	861.77	506.77	506.37
B-1003 offset	356		90	JO JRC2, 70 to 90 dip, tight	861.77	505.77	
B-1003 offset	358		35	JO JRC 2, tight	861.77	503.77	
B-1003 offset	359		20	JO JRC, slickenside, tight	861.77	502.77	
B-1003 offset	360		36	JO JRC slickenside, tight	861.77	501.77	
B-1003 offset	360.2		30	JO JRC2, conjugate joint set, tight	861.77	501.57	
B-1003 offset	360.6		30	JO JRC2, tight	861.77	501.17	
B-1003 offset	360.8		36	JO JRC2, slickenside, tight	861.77	500.97	
B-1003 offset	361		38	JO JRC6, slickenside, tight	861.77	500.77	
B-1003 offset	361.5		40	JO JRC2, slickenside, tight	861.77	500.27	
B-1003 offset	362		30	JO JRC2 tight, slickenside	861.77	499.77	
B-1003 offset	363	364.4	15	JO JRC2-6, tight slickenside	861.77	498.77	497.37
B-1003 offset	365	366.5	30	JO JRC 5, slickenside, tight	861.77	496.77	495.27
B-1003 offset	367	369.2	35	JO JRC4-6, slickenside, tight	861.77	494.77	492.57
B-1003 offset	374.5		34	JO JRC 5, tight	861.77	487.27	
B-1003 offset	384		50	JO JRC2, slickenside, tight	861.77	477.77	
B-1004	18.6		0	Jt, Sm, Pl	859.70	841.10	
B-1004	67.5			Jo, Pl, Sm, Ti	859.70	792.20	
B-1004	70.5			Jo, Pl, He	859.70	789.20	
B-1005	66			JT, diffuse	857.02	791.02	
B-1005	141.3		30	JT, wavy, and irregular, bedding plane, tight wavy, dip 30°	857.02	715.72	

PointID	Depth	Bottom	Dip	Description	AS-Built Elevation	Top of Joint	Bottom of Joint
B-1005	178.4		0	JT, 0°, Pl, Sm, Ti, Bedding	857.02	678.62	
B-1005	182.7		0	fracture along suture, JT, 0°, slightly rough Op	857.02	674.32	
B-1005	183.6		0	JT, 0° fracture along suture, wavy, slightly rough, open	857.02	673.42	
B-1005	210	210.4		Core lost, washed out	857.02	647.02	646.62
B-1005	214	215		Core lost, washed out	857.02	643.02	642.02
B-1006	18.2		0	JT; PL; Ro	847.72	829.52	
B-1006	19		0	JT; Pl; Ro	847.72	828.72	
B-1006	19.8		0	JT; Pl; Ro	847.72	827.92	
B-1006	21.8		0	JT; Pl; Sl	847.72	825.92	
B-1006E	29.7		5	BJ, Op, or		-29.70	
B-1006E	30.1		10	BJ, Sl, Op, or		-30.10	
B-1007	22.2			fracture	843.62	821.42	
B-1007	22.3			fracture	843.62	821.32	
B-1008	15.5		30	BJ, Ro, Op	847.56	832.06	
B-1008	15.7		0	BJ, Ro, Op	847.56	831.86	
B-1008	16		10	BJ, Ro, op	847.56	831.56	
B-1008	17		15	BJ, Ro, Op	847.56	830.56	
B-1008	19.5		0	BJ, Ro, Op	847.56	828.06	
B-1008	20.4		0	BJ, Ro, Op	847.56	827.16	
B-1008	21.5		0	BJ, Sm, Ti	847.56	826.06	
B-1008	23.8		5	BJ, Ro, Op	847.56	823.76	
B-1008	25.1		0	BJ, Ro, Op	847.56	822.46	
B-1008	26.8		10	BJ, Op, Ro	847.56	820.76	
B-1008	28.1		10	BJ, Sl, Ro, Op	847.56	819.46	
B-1008	30		10	BJ, Sl, Ro, Op	847.56	817.56	
B-1008	33.4			BJ, Sl, Ro, Op	847.56	814.16	
B-1008	34.8		0	BJ Pl, Sm, Op	847.56	812.76	
B-1008	35.3		10	BJ, Pl, Sl, Op	847.56	812.26	
B-1008	46.6		5	BJ, Ro, Op	847.56	800.96	
B-1008	46.9		30	BJ, Ro, Op	847.56	800.66	
B-1008	47.5		0	BJ, Sm, Ti	847.56	800.06	
B-1008	48.7		0	BJ, Sm, Ti	847.56	798.86	
B-1008	49.4		0	BJ, Sm, Ti	847.56	798.16	
B-1008	51		30	BJ, Sl, Ro, Op	847.56	796.56	
B-1008	51.1		40	BJ, Sl, Ro, Op	847.56	796.46	
B-1008	82.3			Fracture zone	847.56	765.26	
B-1008	85.2			Fracture zone	847.56	762.36	
B-1008	88.3			Fracture zone	847.56	759.26	
B-1008	90.2		10	BJ, Sl Ro, Op	847.56	757.36	
B-1008	91.4		0	BJ ,Sl Ro, Ti	847.56	756.16	
B-1008	105.6		5	BJ, Wa, Op, Sl	847.56	741.96	
B-1008	107.3		10	BJ, Wa, Sl weathered	847.56	740.26	
B-1008	117.8		5	BJ, Wa, Ti	847.56	729.76	
B-1008	142.4	143		Fracture zone, shale	847.56	705.16	704.56
B-1008	155.4			Fracture zone	847.56	692.16	
B-1008	156.6			Fracture zone	847.56	690.96	
B-1008	199.9		0	BJ, Sl Ro, Pl, Op	847.56	647.66	
B-1008	206.2		0	BJ, Pl, Sm, Ti	847.56	641.36	
B-1008	212.5			Fracture zone	847.56	635.06	
B-1008	214.8		0	BJ, Pl, Sm, Op	847.56	632.76	
B-1008	218.4			Fracture zone	847.56	629.16	
B-1009-I	17.85		0	BPS, smooth and strong, tricome marks, Fe oxide stained	857.20	839.35	
B-1009-I	23.9		20	BPS rough	857.20	833.30	
B-1009-I	48.2		15	BPS, Sl, smooth, slight staining	857.20	809.00	
B-1010	16.8	18.4	5	BJ, Sl, Op clay fillings	861.44	844.64	843.04
B-1010	31.4		0	BJ, Ti, Wa	861.44	830.04	
B-1010	31.6		0	BJ, Op, Wa, Sl	861.44	829.84	
B-1010	32.7		0	BJ, Wa, Sl Op	861.44	828.74	
B-1010	33.1		0	BJ, Wa, Sl, Op	861.44	828.34	
B-1010	33.6		0	BJ, Wa, Sl Op	861.44	827.84	
B-1011-I	15.3		25	BPS, Sl	854.71	839.41	
B-1011-I	16.2		25	BPS, Sl, smooth, slight staining	854.71	838.51	
B-1011-I	16.5		25	Sl, rough, MnO and FeO, BPS	854.71	838.21	
B-1011-I	17		20	BPS, Sl smooth	854.71	837.71	
B-1011-I	17.1		20	BPS, rough	854.71	837.61	

PointID	Depth	Bottom	Dip	Description	AS-Built Elevation	Top of Joint	Bottom of Joint
B-1011-I	19.2		25	BPS on BB, sly smooth	854.71	835.51	
B-1011-I	20.1		25	BPS on BB	854.71	834.61	
B-1012	10.7		5	BJ, 5 degreesrees, Op, Pl, Sl, weathered zone	844.04	833.34	
B-1012	15	16.6	5	Fracture Zone, Fr 5 degreesrees, pl, sl, op secondary minerals, dissolution pits around fractures	844.04	829.04	827.44
B-1012	27.5		5	BJ, 5 degreesrees, Pl, Ro, Op, w/dissolution features	844.04	816.54	
B-1012	56.4		5	BJ, 5 degreesrees, Pl, Sl Ro, Op	844.04	787.64	
B-1012	62.1		5	BJ, 5 degreesrees, Pl, Sl Ro, Ti	844.04	781.94	
B-1012	100.3	100.7	5	BJ, 5 degreesrees, Pl, Sl Ro,Op, mod. Weathered	844.04	743.74	743.34
B-1012	101.6		5	BJ, 5 degreesrees, Sm-Sl,Op, mod. Weathered	844.04	742.44	
B-1012	105.4	105.8	5	BJ, 5 degrees, Pl, Sl-Ro, Ti-Op (6 breaks)	844.04	738.64	738.24
B-1012	108.4		5	BJ, 5 degrees, Pl, Sm-Sl, Op	844.04	735.64	
B-1012	109.1		5	BJ, 5 degrees, Pl, Sl-Ro, Op	844.04	734.94	
B-1012	117.2		5	BJ, 5 degrees, Pl, Ro, Op	844.04	726.84	
B-1012	126.1		5	BJ, 5 degrees, Pl, Sm-Sl, Op	844.04	717.94	
B-1012	129.8		5	BJ, 5 degrees, Pl, Sm, Ti	844.04	714.24	
B-1012	130.5		5	BJ, 5 degrees, Pl, Sl, Op	844.04	713.54	
B-1012	130.6		5	BJ, 5 degrees, Pl, Sl, Op	844.04	713.44	
B-1012	139.6			BJ, 5 degrees, Pl, Sl-Ro, Op	844.04	704.44	
B-1012	140			MB	844.04	704.04	
B-1012	140.4		5	BJ, 5 degrees, Pl, Ro, Op	844.04	703.64	
B-1012	142.2		5	BJ, 5 degrees, Pl-St, Ro, Op	844.04	701.84	
B-1012	144			MB	844.04	700.04	
B-1012	144.3			MB	844.04	699.74	
B-1012	144.7			MB	844.04	699.34	
B-1012	144.8			MB	844.04	699.24	
B-1012	145.1		5	BJ, 5 degrees, Pl, Sl, Op	844.04	698.94	
B-1012	145.4		5	BJ, 5 degrees, Pl, Sl, Op	844.04	698.64	
B-1012	145.6		5	BJ, 5 degrees, Pl, Sl, Op	844.04	698.44	
B-1012	147			MB	844.04	697.04	
B-1012	149		30	Fr, 30 degrees, St-Pl, Sl, Op	844.04	695.04	
B-1012	151.2		5	BJ, 5 degrees, Pl, Sm, Op	844.04	692.84	
B-1012	151.4		5	BJ, 5 degrees, Pl, Sm, Op	844.04	692.64	
B-1012	152.1		5	BJ, 5 degrees, Pl, Sm-Sl, Op	844.04	691.94	
B-1012	152.3		5	BJ, 5 degrees, Pl, Sm-Sl, Op	844.04	691.74	
B-1012	152.4		5	BJ, 5 degrees, Pl, Sm-Sl, Op	844.04	691.64	
B-1012	152.7		5	BJ, 5 degrees, Pl, Sm-Sl, Op	844.04	691.34	
B-1012	159.7		5	FR, 5 degrees, Pl, Ro, Op	844.04	684.34	
B-1012	160.6		20	FR, 20 degrees, Pl-St, Ro, Op	844.04	683.44	
B-1012	161.8		5	FR 5 degrees, Pl, Ro, Op	844.04	682.24	
B-1012	162.8		15	FR, 15 degrees, St-Pl, Ro, Op	844.04	681.24	
B-1012	163.2		15	FR, 15 degrees, St-Pl, Ro, Op	844.04	680.84	
B-1012	163.6		15	FR, 15 degrees, St-Pl, Ro, Op	844.04	680.44	
B-1012	163.8		15	FR, 15 degrees, St-Pl, Ro, Op	844.04	680.24	
B-1012	166		15	FR, 15 degrees, St, Ro, Op	844.04	678.04	
B-1012	169.2		5	BJ, 5 degrees, Pl-St, Ro, Op	844.04	674.84	
B-1012	169.3		5	BJ, 5 degrees, Pl-St, Ro, Op	844.04	674.74	
B-1012	169.5		5	BJ, 5 degrees, Pl-St, Ro, Op	844.04	674.54	
B-1012	169.6		5	BJ, 5 degrees, Pl-St, Ro, Op	844.04	674.44	
B-1012	170.4		15	FR, 15 degrees, St, Ro, Op	844.04	673.64	
B-1012	171.6		10	FR, 10 degrees, St, Ro, Op	844.04	672.44	
B-1012	176		5	BJ, 5 degrees, Pl, Ro, Op	844.04	668.04	
B-1012	177.1		10	FR, 10 degrees, St, Ro, Ti	844.04	666.94	
B-1012	178.1	178.2		FR, closely, very Ro, Op	844.04	665.94	665.84
B-1012	181.8		5	FR, 5 degrees, Pl, Sl, Op	844.04	662.24	
B-1012	186		5	BJ, 5 degrees, Pl, Sl, Op	844.04	658.04	
B-1012	187.2		5	FR, 5 degrees, Pl, Ro, Op	844.04	656.84	
B-1012	187.7	188.4		BJ	844.04	656.34	655.64
B-1012	190		5	BJ, 5 degrees, Pl, Sm-Sl, Op	844.04	654.04	
B-1012	192.2		5	BJ, 5 degrees, Pl, Sm, Op	844.04	651.84	
B-1012	200		5	FR, 5 degrees, Pl, Ro, Op(weathered area ±0.1')	844.04	644.04	
B-1012	202		5	BJ, 5 degrees, Pl, Ro, Op	844.04	642.04	
B-1012	207		5	BJ, 5 degrees, Pl, Ro, Op	844.04	637.04	
B-1012	211		5	BJ, 5 degrees, Op, Pl,Sm,S, Ro	844.04	633.04	
B-1012	214.2		5	Fr, 5 degrees, Pl, Op, Ro	844.04	629.84	

PointID	Depth	Bottom	Dip	Description	AS-Built Elevation	Top of Joint	Bottom of Joint
B-1012	215		5	Fr, < 5 degrees, Pl-St, Op, Si, Ro	844.04	629.04	
B-1012	215.3		5	Fr, 5 degrees, Op, Pl, Si, Ro	844.04	628.74	
B-1012	224.2		5	Fr, 5 degrees, Ro, Op, Pl-St	844.04	619.84	
B-1012	234.3		15	Fr, <15 degrees, Op, Ro, Pl-St	844.04	609.74	
B-1012	234.6		15	Fr, <15 degrees, Op, St-Pl, Ro, spin feature from drilling	844.04	609.44	
B-1012	235.4		5	Fr, 5 degrees, Op, Ro, Pl	844.04	608.64	
B-1012	275.6		30	Fr, 30 degrees, Op,Pl, Sm-Sl, Ro	844.04	568.44	
B-1012	282.5		5	Fr, 5 degrees, Pl-St, Sl, Ro	844.04	561.54	
B-1012	284.7		20	Fr, 20 degrees, Op, Ro, Ro, Pl-St	844.04	559.34	
B-1012	285.5		5	Fr, 5 degrees, Pl-Sl, Ro, Op, "lignite" seam	844.04	558.54	
B-1012	286.2		5	Fr, 5 degrees, Wa, Sl Ro to Sl Op "lignite"	844.04	557.84	
B-1012	287.4		5	Fr, 5 degrees, Wa, Sl Ro, Op "lignite"	844.04	556.64	
B-1012	289.4		5	Fr, 5 degrees, Pl, Sl, Ro, Op, "lignite"	844.04	554.64	
B-1012	299.4		45	Fr, 45 degrees, Ro, Op, St, subhorizontal slickensides	844.04	544.64	
B-1012	299.9		5	Bj, 5 degrees, Op, To	844.04	544.14	
B-1012	332.1		30	30 degrees, He, Wa	844.04	511.94	
B-1012	332.7		40	40 degrees, If, Sm, Pl, Ti	844.04	511.34	
B-1012	336		60	60 degrees, Jo, Pl-Wa, Sm, T	844.04	508.04	
B-1012	339.5		60	50-70 degrees, Jo, Pl filled	844.04	504.54	
B-1012	340		30	30 degrees, RF, Pl, Sm,	844.04	504.04	
B-1012	341.8		70	70 degrees, RF, slightly rough, polished, vertical slickensides, white coating on fractures	844.04	502.24	
B-1012	342.7		30	30 degrees, RF, slight rough to smooth, polished vertical slickensides	844.04	501.34	
B-1012	343.8		30	30 degrees, RF, slight rough to smooth, polished vertical slickensides, concave shape	844.04	500.24	
B-1012	344.4			degrees, RF, slight rough to smooth, polished vertical slickensides	844.04	499.64	
B-1012	347.25		70	70 degrees, RF, smooth to slightly rough, polished vertical slickensides, tight	844.04	496.79	
B-1012	347.5		70	70 degrees, RF, smooth to slightly rough, polished vertical slickensides, tight	844.04	496.54	
B-1012	348		38	38 degrees, RHRF, rough, widely spaced, open	844.04	496.04	
B-1012	350.3		75	70-90 degrees,	844.04	493.74	
B-1012	361		20	20 degrees, RF, Sm, Pl, T	844.04	483.04	
B-1012	401.7		35	35 degrees, BJ, Pl, Ro, Op	844.04	442.34	
B-1012	476.2		10	10 degrees, resealed	844.04	367.84	
B-1012	490.6		26	26 degrees, RF, He	844.04	353.44	
B-1012	490.8		25	25 degrees, BJ, He	844.04	353.24	
B-1012	495.6		50	50 degrees, RF, Wa, Ro, Op	844.04	348.44	
B-1012	501		90	Vertical fracture, ~90 degrees, partially healed	844.04	343.04	
B-1012	501.45		10	10 degrees, BJ, Wa, Ro, Ti	844.04	342.59	
B-1012	505.4		2	< 2 degrees, BJ, Wa, Sl, Ti, mud cracks preserved	844.04	338.64	
B-1012	505.7		5	5 degrees, Bj, Wa, Sl, Ti	844.04	338.34	
B-1012	512.8		2	2 degrees, BJ, Wa, Sl, Ti,mud cracks	844.04	331.24	
B-1012	516.85		5	5 degrees, BJ, Wa, Ro, Op	844.04	327.19	
B-1012	530.8		2	2 degrees, BJ, Sm, Pl, Wa	844.04	313.24	
B-1015	19.2			BJ, Pl, Sm, Ti	858.09	838.89	
B-1015	42.3			BJ, Pl, Sm, Hb/Ti, clay filled, naturally healed, broke on drilling	858.09	815.79	
B-1018	17.9			JRC 3	846.36	828.46	
B-1018	18.1			JRC 3	846.36	828.26	
B-1018	18.5			Horz., JRC 3	846.36	827.86	
B-1018	19.1			JRC 3	846.36	827.26	
B-1018	19.5			JRC 3	846.36	826.86	
B-1018	28.9			JRC 3	846.36	817.46	
B-1018	29.1			JRC 3	846.36	817.26	
B-1018	36.5			JRC 11	846.36	809.86	
B-1018	37			JRC 10	846.36	809.36	
B-1018	105.1			JRC 3	846.36	741.26	
B-1018	106.1			JRC 5	846.36	740.26	
B-1020	43.6			JRC 3	861.94	818.34	
B-1020	44.4			JRC 4	861.94	817.54	
B-1020	44.6			JRC2	861.94	817.34	
B-1020	45.3			JRC1 healed fracture	861.94	816.64	

PointID	Depth	Bottom	Dip	Description	AS-Built Elevation	Top of Joint	Bottom of Joint
B-1020	49.7			JRC 2	861.94	812.24	
B-1020	122.4			6 Jt roughness	861.94	739.54	
B-1020	131.3			clast filled fracture JRC 5	861.94	730.64	
B-1020	146			mud filled fracture	861.94	715.94	
B-1020	146.5			contact fracture, JRC 7	861.94	715.44	
B-1023	16	16.2		JRC3	865.68	849.68	849.48
B-1023	16.6			JRC6	865.68	849.08	
B-1023	21			JRC8	865.68	844.68	
B-1023	21.2			JRC6	865.68	844.48	
B-1023	36			JRC4	865.68	829.68	
B-1023	36.7			JRC6	865.68	828.98	
B-1023	36.9	37		JRC6	865.68	828.78	828.68
B-1023	42.6			JRC6	865.68	823.08	
B-1023	51.9			JRC6	865.68	813.78	
B-1023	55.7			JRC7	865.68	809.98	
B-1023	55.8			JRC4	865.68	809.88	
B-1023	59.2	59.4		JRC5	865.68	806.48	806.28
B-1023	59.9			JRC4	865.68	805.78	
B-1023	72.3			JRC4, JRC6	865.68	793.38	
B-1023	76.6			JRC6	865.68	789.08	
B-1023	86			JRC5, shale bed	865.68	779.68	
B-1023	93.2			JRC6, abundant fossils	865.68	772.48	
B-1023	100.7			JRC6, shale bed	865.68	764.98	
B-1023	124			JRC5	865.68	741.68	
B-1023	137			JRC5	865.68	728.68	
B-1023	149.8	150		JRC4, shale bed, unseparated fracture.	865.68	715.88	715.68
B-1027	29.5			JT, horizontal, very close, Wa, JRC3, R0, MB on healed JT suture	863.62	834.12	
B-1027	30.2			JT, horizontal, JRC3, wavy, rough, close, MB on healed JT suture in sparite	863.62	833.42	
B-1027	71.7			MB, dipping 30 along healed fracture, bedding fracture filled with silt	863.62	791.92	
B-1028	12.6		5	JT, Pl, Sl, Op	842.06	829.46	
B-1028	14.6		5	JT, Pl, Sl, Op	842.06	827.46	
B-1031	33.5	33.6	0	joint; planar; slightly rough, open	864.21	830.71	830.61
B-1031	36.3		0	joint; planar; slightly rough, open	864.21	827.91	
B-1031	39.5		0	joint; stepped; slightly rough, tight	864.21	824.71	
B-1031	45.6		0	joint, stepped, slightly rough, tight	864.21	818.61	
B-1033	10.2		0	Joint, wavy, slightly rough, tight	866.92	856.72	
B-1033	36.55		0	Joint, planar; slightly rough, open	866.92	830.37	
B-1033	37.3		0	joint; planar; smooth; open	866.92	829.62	
B-1033	37.55		0	joint; planar; smooth: open	866.92	829.37	
B-1033	37.65		0	joint; planar; smooth; open	866.92	829.27	
B-1033	37.7		0	joint; planar; smooth; healed	866.92	829.22	
B-1033	38		0	joint; planar; smooth; healed	866.92	828.92	
B-1033	38.35		0	joint; wavy; slightly rough; open	866.92	828.57	
B-1033	38.45		0	joint; planar; smooth; healed	866.92	828.47	
B-1033	38.5		0	joint; planar; smooth; healed	866.92	828.42	
B-1033	38.6		0	joint; planar; smooth; tight	866.92	828.32	
B-1033	38.7		0	joint; planar; smooth; healed	866.92	828.22	
B-1033	38.8		0	joint; planar; smooth; healed	866.92	828.12	
B-1033	39		0	joint; planar; smooth; open	866.92	827.92	
B-1033	39.2		0	joint; planar; smooth; open	866.92	827.72	
B-1033	39.8		0	joint; planar; smooth; filled with coal	866.92	827.12	
B-1033	40		0	joint; planar; smooth; filled with coal	866.92	826.92	
B-1033	61.35		0	joint; wavy; slightly rough; open	866.92	805.57	
B-1033	61.6		0	joint; wavy; slightly rough; open	866.92	805.32	
B-1033	61.95		0	joint; wavy; slightly rough; open	866.92	804.97	
B-1033	63.2		0	joint; wavy; slightly rough; open	866.92	803.72	
B-1037	21		5	Jt, Pl, Sl, Fi	852.84	831.84	
B-1037	23		5	JT, Pl, Sl, He	852.84	829.84	
B-1037	72.2		10	Jt, Pl, Ro, Op	852.84	780.64	
B-1039	13.3		40	JT, He	847.10	833.80	
B-1039	17	20.6		every 6" presence of healed fracture	847.10	830.10	826.50
B-1040	16.2	19.5	0	JO, Pl, Sl, Ti-Op	847.04	830.84	827.54

PointID	Depth	Bottom	Dip	Description	AS-Built Elevation	Top of Joint	Bottom of Joint
B-1040	56.1		0	Jt, Wa, Sl, Op	847.04	790.94	
B-1041	12.05		0	Jt, Wa, Sl, Op	845.30	833.25	
B-1041	13.1			BB	845.30	832.20	
B-1041	15.3			MB	845.30	830.00	
B-1041	15.7			BB	845.30	829.60	
B-1041	16.65		5	Jt, Pl, Sm, Op	845.30	828.65	
B-1041	17.35		5	Jt, Pl, Sm, Op	845.30	827.95	
B-1041	17.9			BB	845.30	827.40	
B-1041	18			BB	845.30	827.30	
B-1041	18.5		0	Jt, Pl, Sm, Op	845.30	826.80	
B-1041	18.7		0	Jt, Wa, Sl, Op	845.30	826.60	
B-1041	18.95		0	Jt, Pl, Sl, He	845.30	826.35	
B-1041	19.05		0	Jt, Pl, Sl, He	845.30	826.25	
B-1041	19.25		0	Jt, Pl, Sl, Op	845.30	826.05	
B-1041	19.6		0	Jt, Pl, Sl, Op	845.30	825.70	
B-1041	19.9			MB	845.30	825.40	
B-1041	20.6			MB	845.30	824.70	
B-1041	22.3			MB	845.30	823.00	
B-1041	23			MB	845.30	822.30	
B-1041	23.5			BB	845.30	821.80	
B-1041	23.9			MB	845.30	821.40	
B-1041	24.6			MB	845.30	820.70	
B-1041	24.8	25		MB Crushed	845.30	820.50	820.30
B-1041	25.3			MB	845.30	820.00	
B-1041	27.4			MB	845.30	817.90	
B-1041	27.8			MB	845.30	817.50	
B-1041	28.1			MB	845.30	817.20	
B-1041	31.8			MB	845.30	813.50	
B-1041	32.2			MB	845.30	813.10	
B-1041	34			MB	845.30	811.30	
B-1041	36.6			MB	845.30	808.70	
B-1041	37.5			MB	845.30	807.80	
B-1041	38			MB	845.30	807.30	
B-1041	38.3			BB	845.30	807.00	
B-1041	38.9			MB	845.30	806.40	
B-1041	39.9			MB	845.30	805.40	
B-1041	42.2			BB	845.30	803.10	
B-1041	42.8			MB	845.30	802.50	
B-1041	43.25			MB	845.30	802.05	
B-1041	44.4			MB	845.30	800.90	
B-1041	44.6			MB	845.30	800.70	
B-1041	47.3			MB	845.30	798.00	
B-1041	47.8			MB	845.30	797.50	
B-1041	48.3			MB	845.30	797.00	
B-1041	48.6			MB	845.30	796.70	
B-1041	49			MB	845.30	796.30	
B-1041	49.5			MB	845.30	795.80	
B-1041	49.8			MB	845.30	795.50	
B-1041	50.3			MB	845.30	795.00	
B-1041	50.7			MB	845.30	794.60	
B-1041	51.6			MB	845.30	793.70	
B-1041	52.1			MB	845.30	793.20	
B-1041	52.3			MB	845.30	793.00	
B-1041	52.7			MB	845.30	792.60	
B-1041	52.9			MB	845.30	792.40	
B-1041	53.1			MB	845.30	792.20	
B-1041	53.4			MB	845.30	791.90	
B-1041	53.75			MB	845.30	791.55	
B-1041	54.3			MB	845.30	791.00	
B-1041	57.3			BB	845.30	788.00	
B-1041	57.7			MB	845.30	787.60	
B-1041	57.9			MB	845.30	787.40	
B-1041	58.4			MB	845.30	786.90	
B-1041	58.6			MB	845.30	786.70	
B-1041	59			MB	845.30	786.30	

PointID	Depth	Bottom	Dip	Description	AS-Built Elevation	Top of Joint	Bottom of Joint
B-1041	59.5			MB	845.30	785.80	
B-1041	61.4			MB	845.30	783.90	
B-1041	61.8			MB	845.30	783.50	
B-1041	62.3			MB	845.30	783.00	
B-1041	62.6			MB	845.30	782.70	
B-1041	65			BB	845.30	780.30	
B-1041	65.7		0	Jt, Wa, Sl, Op	845.30	779.60	
B-1041	67.2			MB	845.30	778.10	
B-1041	67.7			MB	845.30	777.60	
B-1041	70.8			MB	845.30	774.50	
B-1041	72.15			MB	845.30	773.15	
B-1041	72.6			MB	845.30	772.70	
B-1041	77.7			MB	845.30	767.60	
B-1041	78.2			MB	845.30	767.10	
B-1041	80.8			MB	845.30	764.50	
B-1041	81.2			MB	845.30	764.10	
B-1041	82			MB	845.30	763.30	
B-1041	84.6			MB	845.30	760.70	
B-1041	87.7			MB	845.30	757.60	
B-1041	88.1			MB	845.30	757.20	
B-1041	90.7			MB	845.30	754.60	
B-1041	92.5			MB	845.30	752.80	
B-1041	93			MB	845.30	752.30	
B-1041	94.2			MB	845.30	751.10	
B-1041	94.4			MB	845.30	750.90	
B-1041	96.3			MB	845.30	749.00	
B-1041	96.8			MB	845.30	748.50	
B-1041	98			MB	845.30	747.30	
B-1041	98.5			MB	845.30	746.80	
B-1041	100.4			MB	845.30	744.90	
B-1041	101			MB	845.30	744.30	
B-1041	101.5			MB	845.30	743.80	
B-1041	102			MB	845.30	743.30	
B-1041	102.2			MB	845.30	743.10	
B-1041	104		0	Jt, Pl, Sl, Ti	845.30	741.30	
B-1041	106.6			MB	845.30	738.70	
B-1041	108			MB	845.30	737.30	
B-1041	108.5			MB	845.30	736.80	
B-1041	110.3			MB	845.30	735.00	
B-1041	111.7			MB	845.30	733.60	
B-1041	112.7			MB	845.30	732.60	
B-1041	113.1			MB	845.30	732.20	
B-1041	116.9			MB	845.30	728.40	
B-1041	117.4			MB	845.30	727.90	
B-1041	122.1			MB	845.30	723.20	
B-1041	122.5			MB	845.30	722.80	
B-1041	123.1			MB	845.30	722.20	
B-1041	123.7			MB	845.30	721.60	
B-1041	124.5			MB	845.30	720.80	
B-1041	128.6			MB	845.30	716.70	
B-1041	129			MB	845.30	716.30	
B-1041	129.4			MB	845.30	715.90	
B-1041	129.7			MB	845.30	715.60	
B-1041	130.9			MB	845.30	714.40	
B-1041	131.2			MB	845.30	714.10	
B-1041	131.7			MB	845.30	713.60	
B-1041	135.2			MB	845.30	710.10	
B-1041	137.1			MB	845.30	708.20	
B-1041	137.9			MB	845.30	707.40	
B-1041	138.3			MB	845.30	707.00	
B-1041	139.5			MB	845.30	705.80	
B-1041	141.5			MB	845.30	703.80	
B-1041	142.8			MB	845.30	702.50	
B-1041	144.4			MB	845.30	700.90	
B-1041	145.4			MB	845.30	699.90	

PointID	Depth	Bottom	Dip	Description	AS-Built Elevation	Top of Joint	Bottom of Joint
B-1041	146			MB	845.30	699.30	
B-1041	146.6			MB	845.30	698.70	
B-1041	147			MB	845.30	698.30	
B-1041	147.5			MB	845.30	697.80	
B-1041	148.5			MB	845.30	696.80	
B-1042	17.4		5	Jt, Pl, Sl, Op	846.41	829.01	
B-1042	17.8		5	Jt, Pl, Sl, Op	846.41	828.61	
B-1042	18.25		5	Jt, Pl, Sl, F	846.41	828.16	
B-1042	18.4		10	Wa, Sl, He, flaky saprolite bed	846.41	828.01	
B-1044	21.9		0	Jt, horizontal	838.21	816.31	
B-1044	29.4		45	Jt, Wa, Ro, Hc	838.21	808.81	
B-1044	32.2		15	Jt, Wa, Sl, Op	838.21	806.01	
B-1044	32.4		10	Jt, Wa, Sl, Op	838.21	805.81	
B-1045	25.8		90	Jt, Wa, Sl, Op	838.17	812.37	
B-1045	26.6		10	Jt, Wa, Sl, Op	838.17	811.57	
B-1045	28.2		5	Jt, Wa, Sl, Fi	838.17	809.97	
B-1045	28.7		10	Jt, Wo, R0, Fi	838.17	809.47	
B-1045	31.8		10	Jt, Wa, Sl, Op	838.17	806.37	
B-1045	32.1	32.6	90	Jt, Wa, Sl, Fi	838.17	806.07	805.57
B-1045	34.4	34.8	75	Jt, Wa, Ro, Fi	838.17	803.77	803.37
B-1045	36.4	36.8	90	Jt, Wa, Sl, Fi	838.17	801.77	801.37
B-1047	15		80	Jt, Wo, Sl, Op	831.11	816.11	
B-1047	25.3		5	Jt, Wo, Sl, Op	831.11	805.81	
B-1047	27		70	Jt, Wo, Sl, Op	831.11	804.11	
B-1047	89.7		0	Jt, Wo, Sl, Op	831.11	741.41	
B-1047	90.1		0	Jt, Pl, Sl, Ti	831.11	741.01	
B-1047	90.5		0	Jt, Pl, Sl, Op	831.11	740.61	
B-1047	121		45	Jt, Wa, Sl, Ti	831.11	710.11	
B-1048	5.8		5	Jt, Pl, Sm, Op	835.78	829.98	
B-1048	8.7		5	Jt, Wa, Ro, Op	835.78	827.08	
B-1048	18.9		5	Jt, Pl, Sl, Op	835.78	816.88	
B-1048	31.7		85	Jt, Wa, Ro, Op	835.78	804.08	
B-1048	32.4		85	Jt, Wa, Ro, Op	835.78	803.38	
B-1050	44.5		80	Jt, Wa, Sl, He, healed joint filled with calcite.	838.50	794.00	
B-1051	57.3		10	BJ, Wa, Sl, Ro, Op	842.69	785.39	
B-1052	14	14.4	90	Rf, Pl, Vr, Op, weathered.	842.51	828.51	828.11
B-1052	15		12	Pl, Op, Rf, weathered.	842.51	827.51	
B-1052	15.6		10	Wa, Vr, Op, weathered.	842.51	826.91	
B-1052	15.8		5	Rf, Pl, Vr, Op	842.51	826.71	
B-1052	16.2		5	BJ, Pl, Ro, Op	842.51	826.31	
B-1052	26.25		5	Pl, Vr, Op	842.51	816.26	
B-1052	34.1			BJ, Pl, Sm, Ti, clay seam	842.51	808.41	
B-1052	52.2			Rf, Wa, Ro, Op	842.51	790.31	
B-1053	24.3	24.7	85	Rf, Wa, Ro, Op	841.35	817.05	816.65
B-1055	20.6		5	Rf, Wa, Ro, Ti	854.80	834.20	
B-1055	37.7		5	BJ, Wa, Ro, Op	854.80	817.10	
B-1055	45.3			BJ, Wa, Ro, Op	854.80	809.50	
B-1056	13.8		0	JT, JRC, fracture stain	843.03	829.23	
B-1056	15.5			JT, JRC	843.03	827.53	
B-1058	6.2			JRC7, ??? angle 0°, MnO staining on fracture surface	845.22	839.02	
B-1061	10		45	JT, JRL 10, FeO stains	852.77	842.77	
B-1061	11.4		15	JT, JRL 7	852.77	841.37	
B-1062	9		45	Jt, JRC5, ???	848.38	839.38	
B-2000	20			Pyrite nodule	844.03	824.03	
B-2000	37.4	37.5		Fractured zone	844.03	806.63	806.53
B-2000	128.8		55	BJ,SM,Ti	844.03	715.23	
B-2000	156.71		45	St,R0,Ti	844.03	687.32	
B-2000	257.6			Heavily broken during movement, no cement!	844.03	586.43	
B-2000	261			Some return lost to H2O	844.03	583.03	
B-2000	264			Fractured into 0.4 foot pieces	844.03	580.03	
B-2000	268.6	269.6		Heavily fractured; 0.3 foot recovered; remainder lost or void	844.03	575.43	574.43
B-2000	312			Lost .1' end R59	844.03	532.03	
B-2000	317			Lost .1' end R60	844.03	527.03	
B-2000	322.5			Lost .1' end R61	844.03	521.53	
B-2000	325.5	327.5		~ 1.6' lost due to drilling H2O corrosion	844.03	518.53	516.53

PointID	Depth	Bottom	Dip	Description	AS-Built Elevation	Top of Joint	Bottom of Joint
B-2000	332.5			Lost .1' to H2O end R63	844.03	511.53	
B-2000	334			Heavy Fractured due to drilling H2O corrosion	844.03	510.03	
B-2000	337			Stylolites	844.03	507.03	
B-2000	341	342		Fractured during extraction	844.03	503.03	502.03
B-2000	351			Some left in hole retrieved with next run	844.03	493.03	
B-2000	355			Broken due to extraction power packing	844.03	489.03	
B-2000	396.5			1' left in hole, redrilling in R77	844.03	447.53	
B-2001	166.9			BJ, Pl, Sl, Ti	837.89	670.99	
B-2002	12.2			Jo, Op, R5	837.21	825.01	
B-2002	12.4			Jo, Op, R5	837.21	824.81	
B-2002	12.7			Jo, Op, R5	837.21	824.51	
B-2002	23.3			Bj, Ti, R4	837.21	813.91	
B-2002	33.7			Bj, Ti, R7	837.21	803.51	
B-2002	34.9			Bj, Ti, R7	837.21	802.31	
B-2002	42.2			Bj, Ti, R3	837.21	795.01	
B-2002	45.9			Bj, Ti, R8	837.21	791.31	
B-2002	56.3			Bj, Ti, R5	837.21	780.91	
B-2002	58.1			Bj, Ti, R5	837.21	779.11	
B-2002	87.2			Bj, Ti, R4	837.21	750.01	
B-2002	91.8			Bj, Ti, R5	837.21	745.41	
B-2002	92.4			Bj, Ti, R5	837.21	744.81	
B-2002	255.4			Jo, Ti, R7	837.21	581.81	
B-2003 offset	20.9			JT, JRC 3	841.14	820.24	
B-2003 offset	22.5			JT, JRC 2	841.14	818.64	
B-2003 offset	25.4			JT, JRC 5	841.14	815.74	
B-2003 offset	46			JT, JRC 4	841.14	795.14	
B-2003 offset	49.6			JT, JRC 1	841.14	791.54	
B-2003 offset	62.9			JT, JRC 4	841.14	778.24	
B-2003 offset	63			JT, JRC 4	841.14	778.14	
B-2003 offset	63.4			JT, JRC 4	841.14	777.74	
B-2003 offset	74.4			JT, JRC 5	841.14	766.74	
B-2003 offset	90.4			JRC 5	841.14	750.74	
B-2003 offset	99			JT, JRC 2	841.14	742.14	
B-2003 offset	102.2			JT, JRC 2	841.14	738.94	
B-2003 offset	114			JT, JRC 6	841.14	727.14	
B-2003 offset	150.5			JT, JRC 2	841.14	690.64	
B-2003 offset	152.4			JT, JRC 3	841.14	688.74	
B-2003 offset	153.5			JT, JRC 3	841.14	687.64	
B-2003 offset	157.6			JT, JRC 5	841.14	683.54	
B-2003 offset	159.8			JT, JRC 6	841.14	681.34	
B-2003 offset	163.4			JT, JRC 2	841.14	677.74	
B-2003 offset	164.4			JT, JRC 3	841.14	676.74	
B-2003 offset	166			JT, JRC 3	841.14	675.14	
B-2003 offset	187			JT, JRC 1	841.14	654.14	
B-2003 offset	212			JT, JRC 4	841.14	629.14	
B-2004	23.1			JO, He, R3	850.53	827.43	
B-2004	23.4			JO, He, R4	850.53	827.13	
B-2004	33.6			BJ, Ti, R4	850.53	816.93	
B-2004	47			JO, He, R6	850.53	803.53	
B-2004	57			BJ, Ti, R4	850.53	793.53	
B-2004	68.4			BJ, Ti, R4	850.53	782.13	
B-2005	78.2			Jo, HE, R8	848.72	770.52	
B-2005	129			Jo, HE, R7	848.72	719.72	
B-2005	179.8			Jo, HE, R6	848.72	668.92	
B-2005	193.9			BJ, Ti	848.72	654.82	
B-2007	15.1		2	BJ, Pl, Ro, Op	841.23	826.13	
B-2007	16.6		21	Rfm Pl, Sl, Op	841.23	824.63	
B-2007	16.7		5	Rf, wa, Sm, Op	841.23	824.53	
B-2007	25.7		2	BJ	841.23	815.53	
B-2007	39.7		10	Bj, Wa, Ro, Op	841.23	801.53	
B-2007	40.75		20	Rf, Wa, Ro, Op	841.23	800.48	
B-2007	42.2		22	Bj, Pl-Wa, Sl, He	841.23	799.03	
B-2007	46		5	Bj, Ma, Sl, Op	841.23	795.23	
B-2007	50		5	BJ, Pl, Sl, Ti	841.23	791.23	
B-2007	53.4		5	Wa, Sl, Op	841.23	787.83	

PointID	Depth	Bottom	Dip	Description	AS-Built Elevation	Top of Joint	Bottom of Joint
B-2007	60.55		10	Rf, Ro, Op	841.23	780.68	
B-2007	61		8	Bj, Wa, Ro, Op	841.23	780.23	
B-2007	63.8		3	Rf, Pl, Sl, Ti	841.23	777.43	
B-2007	74.25		3	Bj, Sl, Pl, Op	841.23	766.98	
B-2007	186.45		2	Bj, Pl, Sm, Ti	841.23	654.78	
B-2008	12		0	Bj, Ti, R6	840.62	828.62	
B-2008	13		0	Jo, He, R6	840.62	827.62	
B-2008	13.6			Jo, Ti, R6	840.62	827.02	
B-2008	13.7			Jo, Ti, R7	840.62	826.92	
B-2008	14.3			Jo, Ti, R4	840.62	826.32	
B-2008	15.25			Jo, He, R5	840.62	825.37	
B-2008	15.6			Jo, Ti, RT5	840.62	825.02	
B-2008	15.95			Jo, Ti, R5	840.62	824.67	
B-2008	16.2			Jo, Ti, R5	840.62	824.42	
B-2008	63.1			If, Ti, R7	840.62	777.52	
B-2009-I	18		20	Bps rough	842.97	824.97	
B-2009-I	19		30	Bps mod rough	842.97	823.97	
B-2009-I	20		5	Bps,	842.97	822.97	
B-2009-I	20.2		30	Bps	842.97	822.77	
B-2009-I	26.6	28.2	25	BPS smooth	842.97	816.37	814.77
B-2010	9	9.6		Fractures	846.41	837.41	836.81
B-2010	13.5	15		Fractures every .1-.05'	846.41	832.91	831.41
B-2010	23			fracture	846.41	823.41	
B-2010	33.5	34.2		Heavily fractured .05' pieces	846.41	812.91	812.21
B-2010	45.2	45.9		Fractured	846.41	801.21	800.51
B-2010	46.4	46.8		Fractured	846.41	800.01	799.61
B-2010	56.4	58.4		Fractures every .1'	846.41	790.01	788.01
B-2010	61.2			Fracture	846.41	785.21	
B-2010	68.5			Fracture	846.41	777.91	
B-2010	88.3	89.5		Fracture every .1'	846.41	758.11	756.91
B-2010	130.9	132		Highly Fractured zone	846.41	715.51	714.41
B-2010	192.7	193.4		Highly Fractured zone	846.41	653.71	653.01
B-2010	198.7	199.6		Highly Fractured zone	846.41	647.71	646.81
B-2010	201.9	203.1		Highly Fractured zone	846.41	644.51	643.31
B-2010	206.15	207.6		Highly Fractured zone	846.41	640.26	638.81
B-2010	223.6	223.7		Highly Fractured zone	846.41	622.81	622.71
B-2012	8.9		30	JRC8, <.1' apeture, recrystalized	847.19	838.29	
B-2012	30.4		0	JRC5, crack zone with weathering	847.19	816.79	
B-2012	31.4		0	JRC6	847.19	815.79	
B-2012	32.8		0	JRC1, slightly weathered	847.19	814.39	
B-2012	34.2		0	JRC2	847.19	812.99	
B-2012	43		0	JRC7, horizontal, slightly weathered, 1 mm apeture	847.19	804.19	
B-2012	43.2		0	JRC7, horizontal, slightly weathered, 1 mm apeture	847.19	803.99	
B-2012	63.4	63.5	0	Silt-filled cracks	847.19	783.79	783.69
B-2012	69		0	Mud-filled void	847.19	778.19	
B-2013	19.1		10	JT, 5-10 degree dip; Na; Sl; Fi	846.96	827.86	
B-2016	16.8			FRACTURED	841.04	824.24	
B-2016	28.25	30		HIGHLY FRACTURED	841.04	812.79	811.04
B-2016	38.2		1	BJ, Wa, S1, Op	841.04	802.84	
B-2016	38.7		1	BJ, Wa, S1, Op	841.04	802.34	
B-2017	16.8			JO, Ti, R4	845.37	828.57	
B-2017	27.7	28		Highly Fractured zone	845.37	817.67	817.37
B-2017	35.5	36.1		Highly Fractured zone	845.37	809.87	809.27
B-2017	37.9	38.1		Highly Fractured zone	845.37	807.47	807.27
B-2017	55	55.5		crush zone	845.37	790.37	789.87
B-2017	58.2	58.6		crush zone	845.37	787.17	786.77
B-2021	61.8	61.9		IF	849.56	787.76	787.66
B-2022	34.4			IF	851.98	817.58	
B-2022	118.6	119.1		JRC4	851.98	733.38	732.88
B-2022	127.5			JO	851.98	724.48	
B-2023	18.2			IF	843.55	825.35	
B-2023	37			BJ	843.55	806.55	
B-2023	61.6			BF	843.55	781.95	
B-2023	71.2			BF	843.55	772.35	
B-2023	76.8			BF	843.55	766.75	

PointID	Depth	Bottom	Dip	Description	AS-Built Elevation	Top of Joint	Bottom of Joint
B-2023	95.6			BF	843.55	747.95	
B-2023	104.8			BF	843.55	738.75	
B-2024	10.2	11.6		JRCO vertical sligt recrystallization, 1-2mm wide	838.15	827.95	826.55
B-2024	123.6	124.7		Healed fracture, 1mm apeture, horizontal, silt filled, unconformity	838.15	714.55	713.45
B-2025	13.4			JT, JRC5, dissolution apparent oxidation joint surface	840.13	826.73	
B-2025	16.4		30	JRC3	840.13	823.73	
B-2025	72.5			Be, with filled cracks penetrating downward from contact	840.13	767.63	
B-2026	10.5	10.6	15	JRC	833.49	822.99	822.89
B-2026	20.2	20.3		JRC4	833.49	813.29	813.19
B-2026	31	31.2		JRC6	833.49	802.49	802.29
B-2026	48.4	48.6		JT	833.49	785.09	784.89
B-2026	92.4			JRC6, bedding fracture	833.49	741.09	
B-2026	119.7			JRC6, shale bed	833.49	713.79	
B-2026	125.4			JRC7, shale interbed	833.49	708.09	
B-2027	14.2			JT	827.00	812.80	
B-2029	15.9			JT, PL-ST, Ro, OP	843.58	827.68	
B-2029	16.15			JT, PL, Ro, OP	843.58	827.43	
B-2029	16.25			JT, PL, Ro, OP	843.58	827.33	
B-2029	16.5			JT, PL, Ro, OP, secondary mineralization	843.58	827.08	
B-2029	17.1			JT, PL, OP, Ro, ??? Very dissoluted.	843.58	826.48	
B-2029	18.5			JT, Wa, Sl, Ti	843.58	825.08	
B-2029	19.2			JT, P1, OP, S	843.58	824.38	
B-2029	19.3			JT, P1, OP, S	843.58	824.28	
B-2029	30.1			JT, Pl, Sl, Ti	843.58	813.48	
B-2029	53.9		0	JT, Pl, Sm, Ti,	843.58	789.68	
B-2029	90.2		0	JT, Pl, Sl, Ti	843.58	753.38	
B-2029	101.6			JT, Wa, Ro	843.58	741.98	
B-2029	104		0	JT, Pl, Sl, Ti	843.58	739.58	
B-2029	104.3		0	JT, Pl, Sm, Ti	843.58	739.28	
B-2029	111.8		0	JT, Pl, Sl, OP	843.58	731.78	
B-2032	22.6			JT, M4-M5, very closely spaced, slightly to moderatley open, moderatley rough	852.99	830.39	
B-2032	24			JT, rough slightly open, M2- M3, black alternative on surface 0 degrees	852.99	828.99	
B-2032	29.6			JT, 10 degrees, closely spaced, rough, M4	852.99	823.39	
B-2032	29.8			JT, 0 degrees, rough, clean, M4	852.99	823.19	
B-2034	36.1	36.3		FZ	839.12	803.02	802.82
B-2034	49.5		5	IF, St, Sm, J	839.12	789.62	
B-2034	54.1	54.3		FZ	839.12	785.02	784.82
B-2034	126.2		20	IF, Wa, St, F	839.12	712.92	
B-2036	47.2		30	JO, PL, SM	832.35	785.15	
B-2036	47.3		25	JO, PL, SM	832.35	785.05	
B-2036	47.7		25	JO, PL, SM	832.35	784.65	
B-2036	48.2		25	JO, PL, SM	832.35	784.15	
B-2037	10		45	JO OP R5	836.49	826.49	
B-2037	12.5		5	JO OP R3	836.49	823.99	
B-2038	10.4		5	JT, Pl, Ro, Op	836.95	826.55	
B-2038	10.7		5	JT, Pl, Ro, Op	836.95	826.25	
B-2038	12.3		5	JT, Pl, Ro, Op	836.95	824.65	
B-2038	12.6		5	JT, Pl, Ro, Op	836.95	824.35	
B-2038	16.2	16.5	90	Vertical joint, Wa, Ro, Op	836.95	820.75	820.45
B-2038	29.5			JT, Wa, Ro, Fi	836.95	807.45	
B-2038	99.7			JT, Wa, Yr, T	836.95	737.25	
B-2040	11		30	IF JRC= 8, E, He, moderatly spaced	835.14	824.14	
B-2040	11.5			RF FRC=8 E2, Op	835.14	823.64	
B-2041	8.5	8.5	0	Jt, 0 degree dip, pl, sl, op	831.76	823.26	823.26
B-2041	149.7	149.7	0	Jt, 0 degree dip, wo, ro, op	831.76	682.06	682.06
B-2041	150.3	150.3	0	Jt, 0 degree dip, wa, ro, op	831.76	681.46	681.46
B-2041	151.3	151.3	0	Jt, 0 dip, wa, sl, ti	831.76	680.46	680.46
B-2041-A	54.9		5	Stepped, slightly rough, open		-54.90	
B-2042	18.7		10	P1, S1, Op	830.75	812.05	
B-2043	20.9	20.9	10	JRC 1-2 little weathering	851.71	830.81	830.81
B-2043	21.8	21.8	0	All 0 degree dip, JRC 1-2 healed, very close	851.71	829.91	829.91
B-2043	22	22	0	All 0 degree dip, JRC 1-2 healed, very close	851.71	829.71	829.71

PointID	Depth	Bottom	Dip	Description	AS-Built Elevation	Top of Joint	Bottom of Joint
B-2043	22.2	22.2	0	All 0 degree dip, JRC 1-2 healed, very close	851.71	829.51	829.51
B-2043	22.4	22.4	0	All 0 degree dip, JRC 1-2 healed, very close	851.71	829.31	829.31
B-2043	22.5	22.5	0	All 0 degree dip, JRC 1-2 healed, very close	851.71	829.21	829.21
B-2044	26.6			Jo, JRC3	843.46	816.86	
B-2045	4.4		10	Jo, Pl-Wa, Sl, Fs, rusty clays/calcite	832.33	827.93	
B-2045	27.5		90	Jo, Wa, Sl-Ro, Op, 27.5'-27.7'.	832.33	804.83	
B-2047	20.7		0	Jt, Pl, Sl, Op	793.70	773.00	
B-2047	21.2		0	Jt, Pl, Sl, Op	793.70	772.50	
B-2048	73.6		40	Jo, JRC3, ???	844.18	770.58	
B-2049	11.2		0	Jo, Wa, Ro, Op	839.66	828.46	
B-2049	11.7		0	Jo, Wa, Ro, Op	839.66	827.96	
B-2051	6.1		0	Jt, Wa, Sl, Op	809.97	803.87	
B-2051	6.3		0	Jt, Wa, Sl, Ti	809.97	803.67	
B-2051	6.7		0	Jt, Wa, Sl, Op	809.97	803.27	
B-2051	7		80	Jt, Wa, Sl, Op	809.97	802.97	
B-2051	21.9		5	Jt, Wa, Cl, Op Is that right? What's Cl?	809.97	788.07	
B-2054	5.6		15	Pl, St, Sl, Op, some clay	834.54	828.94	
B-2054	6.4		5	Pl, Ro, Ti, clay	834.54	828.14	
B-2054	6.8		5	Pl, Ro, Ti, clay	834.54	827.74	
B-2054	7		5	PL, Ro, Op, clay	834.54	827.54	
B-2054	7.1		5	Wa, Ro, Op, clay	834.54	827.44	
B-2054	8		5	???, Pl, Ti, Ro	834.54	826.54	
B-2054	45.3		10	BJ, Wa, Sl, Op	834.54	789.24	
B-2055	42.5		15	Jt, Wa, Sl, Op	815.25	772.75	
B-2055	53.15		10	Jt, St, Sl, Op	815.25	762.10	
B-2056	11.8		5	Jt, JRC2-open, FeO and MnO stain.	852.34	840.54	
B-2059	6.2		60	Jf, Po, slightly rough, tight.	831.73	825.53	
B-2059	6.3		15	High angle joint.	831.73	825.43	
B-2059	17			JRC 10-12, subhorizontal clay fill <0.05	831.73	814.73	

Boring	Depth	Elevation	Rock Type	Description	Stratigraphic Layer
B-1000	20	831	micrite	micrite with few vugs	A
B-1000	29.5	822	micrite	few vuggy zones	A
B-1000	32	819	micrite	few small vugs	A
B-1000	44	807	micrite	clay filled vugs with shell fragments	A
B-1000	90	761	wackestone	few dissolution features	C
B-1000	199.5	651.5	wackestone	few small vugs	E3
B-1002	14	831.5	wackestone/packstone	vuggy zones	A
B-1002	129	716	packstone	voids filled with clay	D
B-1002	275	570	micrite	vugs	G
B-1002	280	564	micrite	vugs	G
B-1003	223.6	638.5	micrite	slightly vuggy	E3
B-1004	18.5	841	wackestone	jointed area, thin serrated black sutures, vugs and black mineralization	A
B-1004	31	828	wackestone	highly weathered zones have large and small voids	A
B-1005	27	830	micrite	vugs	A
B-1006	95.6	752.5	wackestone	vuggy	C
B-1006	99.6	748	wackestone	vuggy	C
B-1006	100.4	747.5	wackestone	vuggy	C
B-1006	101.3	747	wackestone	vuggy	C
B-1006	111	737	wackestone	slightly vuggy	C
B-1008	138	710	wackestone	pyrite filled vugs	E1
B-1008	175	673	wackestone	small sparry calcite filled vugs	E2
B-1008	190	657.5	wackestone	small sparry calcite filled vugs	E2
B-1009-I	27.5	832	packstone	slightly weathered with vugs	A
B-1009-I	68	796.5	micrite	vugs	B1
B-1009-I	100.5	766	packstone	slight vugging	C
B-1009-I	108	759	packstone	slight vugging	C
B-1010	102	759.5	wackestone	mud filled vugs up to 1"	C
B-1010	105	756	wackestone	mud filled vugs up to 1"	C
B-1011-I	21.5	835.5	shale	vugged	A
B-1011-I	35	823	shale	fossil molds(gastropods) vugged out	A
B-1011-I	211	663.5	micrite	micrite with dissolution and pyrite	E2
B-1011-I	221	654.5	micrite	occasional dissolution	E3
B-1012	14.5	829.5	micrite	fracture zone with dissolution pits around fractures	A
B-1012	27.5	817	wackestone/packstone	fracture with dissolution features	A
B-1012	106.5	738	packstone	dissolution features	C
B-1012	115	729	micrite	some dissolution features	C
B-1012	120	724	wackestone	dissolution cavities	C
B-1012	127	717	micrite	dissolution features	C
B-1012	165	679	wackestone/packstone	some dissolution cavities	E2
B-1012	196	648	micrite	some dissolution features	E3
B-1012	200	644	micrite	some dissolution cavities	E3
B-1015	25.5	832.5	micrite	dissolution zone	A
B-1015	26	832	micrite	dissolution zone	A
B-1015	26.6	831.4	micrite	dissolution zone	A
B-1015	27	831	micrite	dissolution zone	A
B-1015	27.2	830.8	micrite	dissolution zone	A
B-1015	28.15	829.85	micrite	dissolution zone	A
B-1015	28.7	829.3	micrite	dissolution zone	A
B-1015	40	818	micrite	dissolution features	A
B-1015	62.5	795.5	packstone	voids filled with crystalline material	B1
B-1016	84.5	781	wackestone	circular void infilled with packstone	C
B-1016	94	771.5	wackestone	circular void infilled with packstone	C
B-1017	39.5	827	shale	small voids	A
B-1017	81	785.5	packstone	small voids	B2
B-1019	20	832	wackestone	dissolution features	A

Boring	Depth	Elevation	Rock Type	Description	Stratigraphic Layer
B-1019	23	829	packstone	styolites exhibit substantial weathering and have porous dissolution effect	A
B-1020	48	812	wackestone	silt filled vugs	A
B-1020	57	805	micrite	mud filled vugs	A
B-1020	94	768	packstone	silt filled vugs	C
B-1025	29	832.52	wackestone	interbeds of vugs and packstone; .1' thick spaced .2' apart	A
B-1025	36	825.52	wackestone	rare vugs	A
B-1026	6	859	packstone	vugs and voids; .025' diameter filled with yellow silt	A
B-1026	27	838	shale	some voids .025'-.1' diameter	A
B-1027	30	833	wackestone	vugs along seams/sutures	A
B-1029	137.3	709.7	wackestone	vuggy	E1
B-1029	148	699	wackestone	vuggy	E1
B-1030	22.3	836.2	micrite	small vugs; open voids	A
B-1035	23.8	832.4	wackestone	vuggy at discontinuity locations	A
B-1035	24.2	832	wackestone	vuggy at discontinuity locations	A
B-1035	24.8	831.6	wackestone	vuggy at discontinuity locations	A
B-1040	23.5	823.5	shale	pits/vugs	A
B-1041	11.5	833.5	micrite	vuggy	A
B-1045	55	783	wackestone	several large vugs	C
B-1048	18	818	wackestone	several large vugs	A
B-1048	20	816	wackestone	several large vugs	A
B-1050	44.5	794	packstone	vuggy	B1
B-1054	59	780	wackestone	vugs	C
B-1055	19	835	micrite	clay filled and unfilled voids	A
B-1055	24	830.5	micrite	dissolution features	A
B-1055	31	827	wackestone	voids	A
B-1056	14	829	packstone	vugs	A
B-1056	20	823	shale	vugs	A
B-1060	32	835	wackestone	intermittent zones with voids	A
B-1061	17.6	835	wackestone	vugs	A
B-1062	25.4	823	wackestone	vugs	A
B-2000	19	825.03	wackestone	vugs	A
B-2000	117	727.03	wackestone	dissolution	C
B-2000	163	681.03	packstone	dissolution feature	E2
B-2000	164.5	679.53	packstone	calcite-filled vugs	E2
B-2000	168	676.03	packstone	calcite-filled vugs	E2
B-2000	191.5	652.53	wackestone	calcite-filled vugs	E3
B-2000	200.8	643.23	wackestone	calcite-filled vugs	E3
B-2003 off	143.9	697.24	micrite	vugs	E1
B-2003 off	148	693.14	micrite	vugs	E1
B-2003 off	151.3	689.84	wackestone	vugs	E1
B-2003 off	163	678.14	wackestone	vugs	E2
B-2003 off	171.55	669.59	wackestone	vugs	E2
B-2003 off	178	663.14	wackestone	vugs	E2
B-2003 off	212	629.14	wackestone	vugs w/ sand and carbonate	E3
B-2003	13.8	827.19	micrite	vugs	A
B-2003	127	713.99	wackestone	vuggy	D
B-2004	120	730.5	wackestone	vugs	C
B-2005	21	827.7	micrite	dissolution vugs	A
B-2007	14	827.23	sparite	dissolution	A
B-2007	126.2	715.03	micrite	voids filled w/ clay dissolution	D
B-2007	142	699.23	micrite	dissolution voids	E1
B-2007	143.8	697.43	micrite	dissolution	E1
B-2007	151.5	689.73	micrite	dissolution	E1
B-2007	188.2	653.03	micrite	dissolution	E3
B-2007	191.7	649.53	micrite	heavy dissolution	E3

Boring	Depth	Elevation	Rock Type	Description	Stratigraphic Layer
B-2007	191.85	649.38	micrite	heavy dissolution	E3
B-2007	209	632.23	micrite	dissolution	E3
B-2008	12.5	828.2	sparite	vuggy along a natural joint	A
B-2009-I	44.7	798.27	packstone	few vugs	A
B-2010	20.3	826.1	saprolite	small vugs	A
B-2011-I	16.6	830.48	shale	some vugs	A
B-2011-I	24.9	822.18	wackestone	some vugs	A
B-2011-I	27.4	819.68	shale	some vugs	A
B-2011-I	75.6	771.48	packstone	clay infilled vugs	C
B-2011-I	143.2	703.88	calcareous shale	vugs (1-2 cm deep)	E1
B-2011-I	172.5	674.58	packstone	pyrite filled small vugs	E2
B-2012	43	804.19	sparite	silt filled cracks and vugs	A
B-2012	69	778.19	micrite	mud-filled void	C
B-2016	108.8	732.4	micrite	dissolution	C
B-2017	16	829.4	sparite	vuggy and weathered	A
B-2022	15	836.8	micrite	voids w/ some coal	A
B-2023	17.7-19.5	825.85	packstone	abundant voids	A
B-2024	89.1	749.05	wackestone	sparse silty vugs	C
B-2024	109.4	728.75	micrite	silt filled vugs	C
B-2024	148.3	689.85	wackestone	silt filled vugs	E2
B-2025	13.5	826.8	packstone	joint from dissolution	A
B-2029	17-17.5	826.5	wackestone	very dissoluted joint and voids filled w/ secondary minerals	A
B-2030	21.9	830.65	wackestone	several vugs	A
B-2033	20.5	830.19	wackestone	vuggy	A
B-2033	23.8	826.89	wackestone	vuggy, more vugs with depth	A
B-2036	7	825.35	wackestone	vuggy	A
B-2039	7.5	826	wackestone	very vuggy	A
B-2040	9.8	825.3	wackestone	abundant voids	A
B-2043	45.2	806.51	wackestone	silt filled vugs	A
B-2045	3.7	828.6	micrite	secondary clay in vugs	A
B-2052	16.3	830.4	wackestone	voids	A
B-2054	5	829.5	sparite	voids	A
B-2054	11.5	823.04	micrite	voids	A
B-2054	70	764.5	packstone	occasional dissolution	C
B-2056	31.5-31.6	820.84	wackestone	vugs	A
B-2058	24.3	829.37	wackestone	zones of abundant (<0.1') voids	A
B-2059	9.6	822.2	dolostone	vugs	A
B-2060	17.8	835.9	micrite	void zones	A
B-2061	12.1	839.2	wackestone	voids	A
B-2061	15.1	836.2	wackestone	voids	A
B-2062	12.3	820.3	wackestone	vugs	A