

## **Data Repository,**

### Recycled volatiles determine fertility of porphyry deposits in collisional settings

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## **Geological settings**

In this study, we focus on the Arasbaran and Kerman porphyry copper belt in Iran (**Fig. DR1A and B**); the Gangdese belt in southern Tibet (**Fig. DR1C**); and the Sanjiang orogen in Yunnan province (**Fig. DR1D**).

### **Arasbaran and Kerman porphyry copper belt in Iran**

The Arasbaran porphyry belt (APCB) is located in northwestern Iran (**Fig. DR1A**). This belt is 20-40 km wide and over 200 km long and is mostly composed of Cretaceous–Cenozoic volcano-sedimentary strata and Cenozoic intrusive bodies. Large granitoid plutons of different types were emplaced during the Oligocene–Miocene in the APCB ([Aghazadeh et al., 2011](#); [Castro et al., 2013](#)). Middle-late Oligocene rocks have a typical calc-alkaline arc affinity, whereas late Oligocene-early

Miocene shoshonitic intrusions and late Miocene domes display high Sr/Y characteristics ([Aghazadeh et al., 2011](#)). Porphyry copper mineralization in the Arasbaran belt, including the Sungun deposit, is mainly associated with Oligocene-Miocene monzonitic and monzodioritic intrusive bodies. There are more than 10 porphyry copper deposits and prospects in the belt ([Aghazadeh et al., 2011](#)). In this study, we focus on samples from the world-class Sungun porphyry deposits and the Masjed Daghi porphyry deposits.

The Sungun porphyry Cu-Mo deposit is located in the Caucasus belt of northern Iran. It has an estimated 740 million metric tons (Mt) of ore at a grade of 0.661 wt % Cu and 0.024 wt % Mo, corresponding to 4.9 Mt of Cu, and 0.18 Mt of Mo. The ore-bearing intrusions at Sungun were emplaced at ~21 Ma (molybdenite Re-Os dating; [Aghazadeh et al., 2015](#)).

The Masjed Daghi porphyry and epithermal prospect is located in the NW part of the Arasbaran belt. It contains 340 Mt of ore reserves with an average of 0.27 wt% Cu and 0.006 wt% Mo, and 20 Mt ore with an average grade of 0.32 ppm Au ([Aghazadeh et al., 2015](#)). A Miocene ore-hosting monzodiorite–monzonite stock in the deposit intruded Eocene andesite to trachy-andesite and their volcanoclastic equivalents which are cut by several andesitic post-ore dykes.

The Kerman belt is 450 km in length and 60 to 80 km wide, located on the southeast of the Central Iranian volcano-plutonic belt ([Fig. DR1A](#)). Temporally, the deposits overlap with the Alpine–Himalayan collision. This belt hosts one giant

deposit (Sarcheshmeh: 1200 Mt at 0.7% Cu and 0.03% Mo; [Shafiei et.al., 2009](#)), one large deposit (Meiduk: 170 Mt at 0.86% Cu, 0.007% Mo, 82 ppb Au, and 1.8 ppm Ag; [Taghipour et al., 2008](#)), and at least three medium-sized deposits and dozens of mineralized porphyry bodies (e.g., [Shafiei et.al., 2009](#)). The Sar Cheshmeh Cu deposit host 1200 Mt of ore reserves with 0.7% Cu and 0.03% Mo. The Miocene ore-forming porphyry was emplaced within Eocene to Oligocene volcanic rocks of andesitic composition.

### **Gangdese porphyry copper belt**

The Miocene Gangdese magmatic belt is located in the Indo-Asian continental collision zone and is a typical porphyry belt in a collisional setting. There are several large porphyry Cu-Mo deposits actively mined, including the Jiama and Qulong deposit, with a total resource of 15 Mt of copper ([Hou et. al., 2015](#)). All these deposits are spatially and temporally associated with intrusions that have high Sr/Y (>40) (e.g., [Chung et. al., 2003](#); [Lu et al., 2015](#)). The Qulong porphyry Cu-Mo deposit is located in the eastern Gangdese belt of southern Tibet. It is the largest porphyry-copper deposit in China, with an estimated 2120 Mt of ore at a grade of 0.5 wt % Cu and 0.03 wt % Mo, corresponding to 10.6 Mt of Cu and 0.6 Mt of Mo ([Yang et al., 2009](#)). The Qulong ore-bearing porphyry intrusions were emplaced at ~16 Ma ([Table DR1](#); Zircon U-Pb; [Hou et al., 2015](#)). Hydrothermal and magmatic anhydrite is abundant at Qulong, indicating that the magmatic-hydrothermal system was highly oxidized and volatile-rich ([Yang et al., 2009](#)). The Jiama porphyry-skarn Cu-Mo-Au deposit is also

located in the eastern Gangdese belt of southern Tibet (Fig. DR 1C). It has an estimated 1045 Mt of ore at a grade of 0.44 wt % Cu, 0.036 wt % Mo, and 0.21 g/t Au, corresponding to 4.6 Mt of Cu, 0.38 Mt of Mo, and 85 t of Au (Hou et al., 2015). The ore-bearing Jiama granite porphyry was emplaced at ~16 Ma (Zircon U-Pb; Hou et al., 2015). We also collected samples from the Chongmuda and Nuri porphyry-hydrothermal deposits with ages of 30.3 Ma and 23.4 Ma (molybdenite Re-Os dating; Hou et al., 2015; Table DR1).

### **Sanjiang region**

The Sanjiang region was formed during the closure of the Paleotethyan ocean and the subsequent amalgamation of Gondwana-derived micro-continental blocks and Paleozoic arc terranes (e.g., Metcalfe, 2013; Deng et al., 2014; Fig. DR1D). In Cenozoic time, large-scale geological processes including the adjacent continental collision and the distant oceanic-plate subduction have largely re-shaped the lithospheric structure. After continental convergence, an Eocene-Oligocene potassic-ultrapotassic magmatic suite was intruded over a distance of 2000 km along the Jinshajiang-Ailaoshan tectonic belt, and is associated with porphyry-skarn Cu–Mo–Au deposits, including the large Beiya and Machangqing deposits (e.g., Deng et al., 2014; Lu et al., 2013).

The Beiya porphyry-skarn Au-Cu deposit is located in Yunnan Province, southeastern China (Fig. DR1D). This deposit has reserves of 125 Mt, grading 2.42 g/t Au, 0.48 wt % Cu, 25.5 wt % Fe, 38.85 g/t Ag, 1.24 wt % Pb, and 0.53 wt % Zn

([He et al., 2015](#)). The Eocene Machangqing porphyry Cu-Mo deposit (32 Ma; zircon U-Pb ages; [Bi et al., 2004](#)) in Yunnan Province is located in the NE-trending Machangqing granite intrusive complex, and consists of a large body of equigranular granite and numerous granite porphyries intruding Ordovician clastic rocks and Devonian limestone. The deposit has reserves of 39 Mt @ 0.64 wt% Cu for the Cu orebodies and 56 Mt @ 0.08 wt% Mo for the Mo orebodies ([Hou et al., 2015](#)). The Yao'an porphyry Au deposit has a resource of 2.2 Mt @ 4.5 g/t Au (10 t Au) and is spatially associated with syenite and quartz monzonite porphyry intruded at 33.4 Ma (zircon U-Pb ages; [Bi et al., 2004](#)).

### **Barren suites**

The barren suites were collected from the Miocene Zhada, Renduoxiang and Nanmuqie porphyries and the Oligocene Sangri and Wolong granitoids in the Gangdese belt as well as the Oligocene Liuhe and Songgui porphyries in Sanjiang region ([Fig. DR1C-D](#); [Table DR1](#)). The Zhada and Renduo porphyry intrusions are located the western part of the Gangdese belt, near the edge of the IYS. After several years' exploration and study, no obvious mineralization has been found, and the western Gangdese belt is regarded as a barren area (e.g., [Hou et al., 2015](#); [Lu et al., 2017](#)). The Miocene Nanmuqie porphyry, intruding into Upper Jurassic and Lower Cretaceous strata, is porphyritic and contains K-feldspar phenocrysts. No alteration or associated mineralization has been observed associated with these intrusions, suggesting that the magma system is barren. The Oligocene Sangri and Wolong

granites, located on the northeastern edge of the IYZSZ (Indus–Yarlung–angbo suture zone; [Fig. DR1C](#)), are emplaced into Proterozoic amphibolite-facies metamorphic rocks and Cretaceous–Eocene granitoid batholiths. They are dominated by granitoid plutons, and comprises quartz, plagioclase, amphibole and biotite, with minor accessory minerals, including titanite, Fe-Ti oxides, epidote, apatite, and zircon. They are fresh and do not show associated mineralization. The Oligocene Liuhe and Songgui porphyries occur as dykes intruding Triassic volcanic strata in the Sanjiang region.

## **METHODS SUMMARY**

### **Major- and Trace- Element Compositions**

The apatite major-element compositions were measured using a CAMECA SX-100 Electron Microprobe, fitted with five wavelength dispersive spectrometers. The conditions include an accelerating voltage of 10 and 15 kV, a beam current of 20 nA and a beam size of approximate 5 $\mu$ m. Measured elements were counted 10s on peaks and 5s on background on each side of the peak. The PAP method ([Pouchou and Pichoir 1984](#)) was used to calibrate the peaks by measurements of standards (natural minerals and synthetic oxides). The acquired data for standards gave relative standard deviations less than 1%, and agreed within the uncertainties with the nominal values of each element. The apatite also was analyzed using a JEOL JXA-8230 electron microprobe at the Institute of Mineral Resources, Chinese Academy of Geological Sciences (CAGS). Selected representative minerals were analyzed at an accelerating voltage of 10 and 15 kV with a 20 nA beam current and a 5 $\mu$ m beam diameter. The

counting times were 10s on the peak and 5s for background measurements on each side of the peak. In order to assess both intra- and inter-grain chemical homogeneity, several grains of each sample were analyzed across core to rim. In order to check the data, the gem-quality Durango (Mexico) and Moy (Myanmar) apatites were used as monitoring standards, especially for Cl and S results (Durango, Cl: 0.34-0.4 wt%, SO<sub>3</sub>: 0.25-0.35wt%; Moy, Cl: 0.03 wt%, SO<sub>3</sub>: 0.29 wt%; [Mark et.al., 2012](#); [Yang et.al., 2012](#)). Overall, both analytical instrument with low-intensity and a high-intensity analytical protocol technique show consistent accuracy on the Durango and MADA-B apatite standard ([Fig. DR4](#)).

Trace-element compositions of minerals were measured using laser-ablation inductively coupled plasma mass spectrometry (LA-ICPMS) in the Geochemical Analysis Unit of CCFS/GEMOC, Macquarie University. The instrument was an Agilent 7700 ICPMS with a 193 nm ArF EXCIMER laser. The ablation was carried out in He gas, which was then mixed with Ar gas to introduce the samples into the ICPMS. The operational conditions were 5 Hz pulse frequency and energy intensity of ~4.93 J/cm<sup>2</sup>. We collected a 60 s record of background at the beginning, and then 120 s for collection of sample data. The beams were 50µm in diameter for all grains. In each run of analyses (≤5 unknown samples), SRM NIST 610 was measured for the element-concentration calibration, and standard USGS BCR-2, zircon standards (GJ-1 and 91500) and apatites standards (Durango, MADA-B and Moy) was analyzed to monitor the instrument working conditions and the calibration, <sup>43</sup>Ca was used as the

internal standard to calculate the trace-element compositions of unknown samples. The raw data were processed using the online software program GLITTER 4.4 (Griffin et al., 2008).

### **Apatite Sr-Isotope Compositions**

*In situ* apatite Sr isotopic data were measured *in situ* by a Nu Plasma multi-collector sector ICPMS, coupled to a 193 nm ArF EXCIMER laser system at CCFS/GEMOC (Macquarie University). The analyses were carried out using the Nu Plasma time-resolved analysis software. The signal for each mass and ratio is monitored as a function of time during the analysis. This allows for the more stable portions of the ablation to be selected for analysis, before the data are processed to yield final results. It also allows the analyst to recognize and exclude portions of the signal affected by inclusions or cracks, and to terminate the analysis if the laser drills through into an altered zone, or into the matrix. Sr isotopes were analyzed on the same grains using an 80-120  $\mu\text{m}$  spot size for apatite. 85% power (fluence of 2.5 J/cm<sup>2</sup>) and run times of 200s (60s of background data collection followed by 140s of sample-data collection). Because of the very low concentrations of <sup>87</sup>Rb in most the analyzed apatite (<0.3, [Table.DR5](#)), the effect of isobaric interference of <sup>87</sup>Rb on <sup>87</sup>Sr is negligible. The interference of <sup>87</sup>Rb on <sup>87</sup>Sr was also corrected by measuring the intensity of <sup>85</sup>Rb and using <sup>85</sup>Rb/<sup>87</sup>Rb = 0.38632. This value was obtained by sequentially doping the QCD Analysts Sr standard with Rb (Plasmachem Lot No: S4JS3700) and repeatedly measuring it to refine the value of <sup>85</sup>Rb/<sup>87</sup>Rb necessary to give the true <sup>87</sup>Sr/<sup>86</sup>Sr (Nowell and Parrish 2001). The maximum <sup>87</sup>Rb/<sup>87</sup>Sr of the spiked solutions used in

the refinement of the  $^{85}\text{Rb}/^{87}\text{Rb}$  ratio was 0.3977. Interference from the bivalent rare earth elements (REEs) was also considered due to the potentially high concentrations of REEs in apatite. As proposed by Ramos et al. (2004), the presence of  $^{167}\text{Er}^{2+}$ ,  $^{171}\text{Yb}^{2+}$ , and  $^{173}\text{Yb}^{2+}$  at masses 83.5, 85.5, and 86.5 was monitored. Then the contributions of  $^{168}\text{Er}^{2+}$  and  $^{168}\text{Yb}^{2+}$  to  $^{84}\text{Sr}$ ;  $^{170}\text{Er}^{2+}$  and  $^{170}\text{Yb}^{2+}$  to  $^{85}\text{Sr}$  ( $^{+85}\text{Rb}$ );  $^{172}\text{Yb}^{2+}$  to  $^{86}\text{Sr}$ ;  $^{174}\text{Yb}^{2+}$  to  $^{87}\text{Sr}$  ( $^{+87}\text{Rb}$ ); and  $^{176}\text{Yb}^{2+}$  to  $^{88}\text{Sr}$  were calculated according to the isotopic abundances of Er and Yb. We also measured by a Neptune plus Multiple-Collector ICP-MS coupled to a 193-nm (ArF) Resonetics RESOLUTION M-50 laser-ablation system at Beijing Kehui laboratory. We used a repetition rate of 8 Hz and spot sizes of 80 to 108  $\mu\text{m}$  with a laser output energy of 90 mJ and 50% energy attenuator (resulting energy density of ca.  $8 \text{ J}\cdot\text{cm}^{-2}$ ). Data were acquired using multi-collector static mode, during a ca. 47 s measurement characterized by 1.052 s integration time (45 ratios), and a mass configuration array as follows:  $^{83}\text{Kr}^+$  (L4),  $^{167}\text{Er}^{2+}$  (L3),  $^{84}\text{Sr}^+$  (L2),  $^{85}\text{Rb}^+$  (L1),  $^{171}\text{Yb}^{2+}$  (C),  $^{86}\text{Sr}^+$  (H1),  $^{173}\text{Yb}^{2+}$  (H2),  $^{87}\text{Sr}^+$  (H3) and  $^{88}\text{Sr}^+$  (H4). Average baselines were measured by performing on-peak gas blank measurements after each 4-5 analyses. Data reduction was carried out using an in-house Excel spreadsheet. Isobaric interference and instrumental mass bias corrections were internally corrected for each individual ratio of an analytical spot. The contributions of doubly charged REE ( $\text{Er}^{2+}$  and  $\text{Yb}^{2+}$ ) to Kr, Rb and Sr masses were determined using the gas blank-corrected intensities on masses  $^{167}\text{Er}^{2+}$ ,  $^{171}\text{Yb}^{2+}$  and  $^{173}\text{Yb}^{2+}$  and natural Er and Yb isotopic ratios, applying a mass bias correction

based on Yb (normalization to the natural  $^{171}\text{Yb}/^{173}\text{Yb}$  ratio and using an exponential law) and assuming  $\beta_{\text{Er}} = \beta_{\text{Yb}}$ . The contribution of  $^{84}\text{Kr}$  and  $^{86}\text{Kr}$  to  $^{84}\text{Sr}$  and  $^{86}\text{Sr}$  was corrected by subtracting the bulk signal measured on these masses with the intensities obtained during gas blank measurements. Corrections factors for Rb mass bias and Rb/Sr inter-elemental fractionation were determined by multiple measuring of the NIST610 reference material during each analytical session, and applied to correct for  $^{87}\text{Rb}$  contribution on mass  $^{87}(\text{Rb} + \text{Sr})$ , by normalization to the natural ratio of  $^{85}\text{Rb}/^{87}\text{Rb} = 2.58745$ . The corrected signals were subsequently used to determine Sr isotope ratios, applying a mass bias correction determined using an exponential law and normalized to the natural ratio of  $^{86}\text{Sr}/^{88}\text{Sr} = 0.1194$ .

Accuracy and external reproducibility of the method were controlled by repeated analyses of in-house reference materials, including the Durango, MAD-B apatite (for results see [Table DR5](#)). For Durango, MAD-B and Morc apatite we obtained an average  $^{87}\text{Sr}/^{86}\text{Sr}$  of  $0.70603 \pm 27$  (2S.D., n=16),  $^{87}\text{Sr}/^{86}\text{Sr}$  of  $0.71155 \pm 7$  (2S.D., n=20) and  $^{87}\text{Sr}/^{86}\text{Sr}$  of  $0.70851 \pm 7$  (2S.D., n=10), which agrees within error with published values measured by solution method (Durango:  $0.70602 \pm 2$  to  $0.70634 \pm 3$ ; MADA and  $0.71153 \pm 2$  to  $0.71165 \pm 8$ ; Morc:  $0.70850 \pm 3$  to  $0.70875 \pm 3$ ; [Horstwood et al. 2008](#); [Hou et al. 2013](#); [McFarlane and McCulloch 2008](#); [Yang et al. 2014](#), [Xu unpublic data](#)). The average natural ratios of Sr isotopes ( $^{84}\text{Sr}/^{86}\text{Sr}$  and  $^{84}\text{Sr}/^{88}\text{Sr}$ ) obtained on both standards are also identical within uncertainty to the natural values ([Table.DR5](#)). External reproducibility on standards is generally better than 100 ppm

on  $^{87}\text{Sr}/^{86}\text{Sr}$  (ca.  $7 \cdot 10^{-5}$ ) for a given analytical session; and values are reproducible within uncertainty in-between the different sessions.

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### **Figure Captions in The Data Repository**

Figure DR1. (A-D) The fertile and barren magmatic suites investigated in Arasbaran porphyry copper belt (APCB) in Iran; the Gangdese belt in southern Tibet; and the Sanjiang orogen in Yunnan province.

Figure DR2. Chondrite-normalized REE patterns of apatite. The values for chondrite were taken from Sun & McDonough (1989).

Figure DR3. Representative cathodoluminescence and back-scatter electron (BSE) images showing the morphology and internal structure of apatite. White scales are 50  $\mu\text{m}$  in length.

Figure DR4. (A-L) Apatite standards of Cl (wt%) and SO<sub>3</sub> (wt%) plot, showing that the monitor standards are consistent with Cl and SO<sub>3</sub> content, and (M-N) chondrite-normalized REE patterns of apatite. The values for chondrite were taken from Sun & McDonough (1989).

Figure DR5. Summary of measured  $^{87}\text{Sr}/^{86}\text{Sr}$ , and  $^{87}\text{Rb}/^{86}\text{Sr}$  isotopic data for different apatite standards. Error bars (SE) are at the  $2\sigma$  level of uncertainty.

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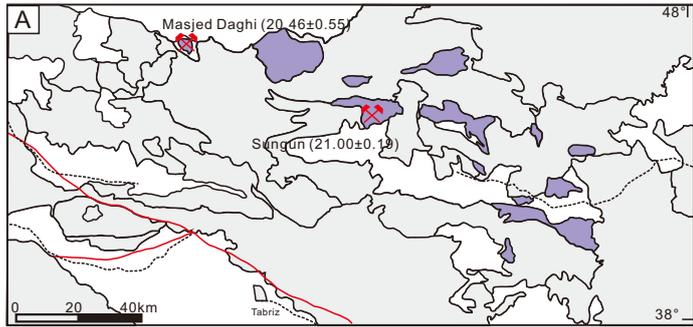
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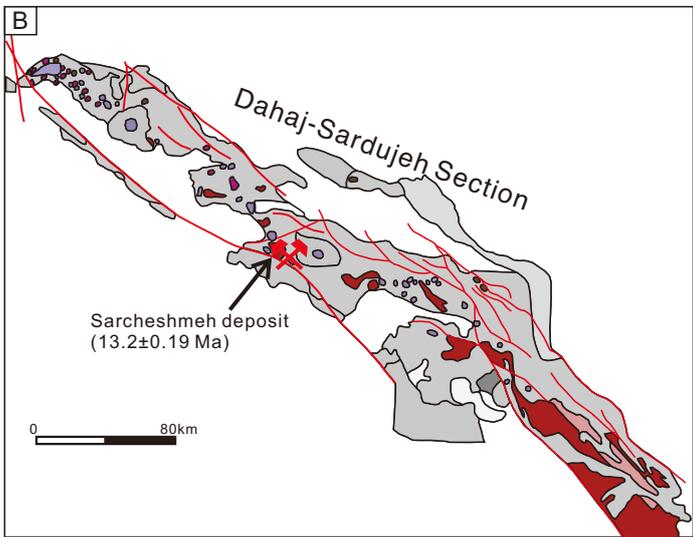
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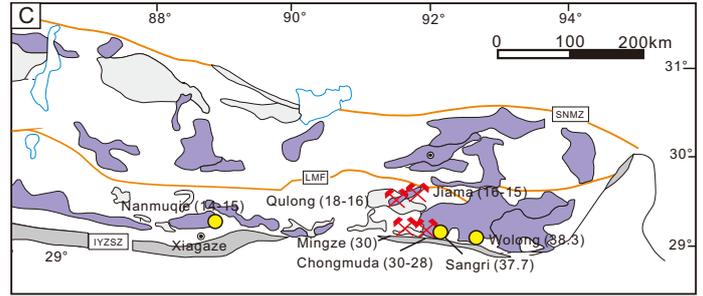
FigureDR1 A-D



- Granitoids
- Volcano-sedimentary strata
- Ore deposits in this study



- Miocene Granitoids
- Eocene-Oligocene Granitoids
- Volcano-sedimentary strata
- Ore deposits in this study



- Volcano-sedimentary strata
- Ophiolitic melange zone
- Ore deposits in this study
- Granitoids
- Barren suites in this study



- Ophiolitic melange zone
- Eocene granitoid
- Volcano-sedimentary strata
- Ore deposits in this study
- Barren suites in this study

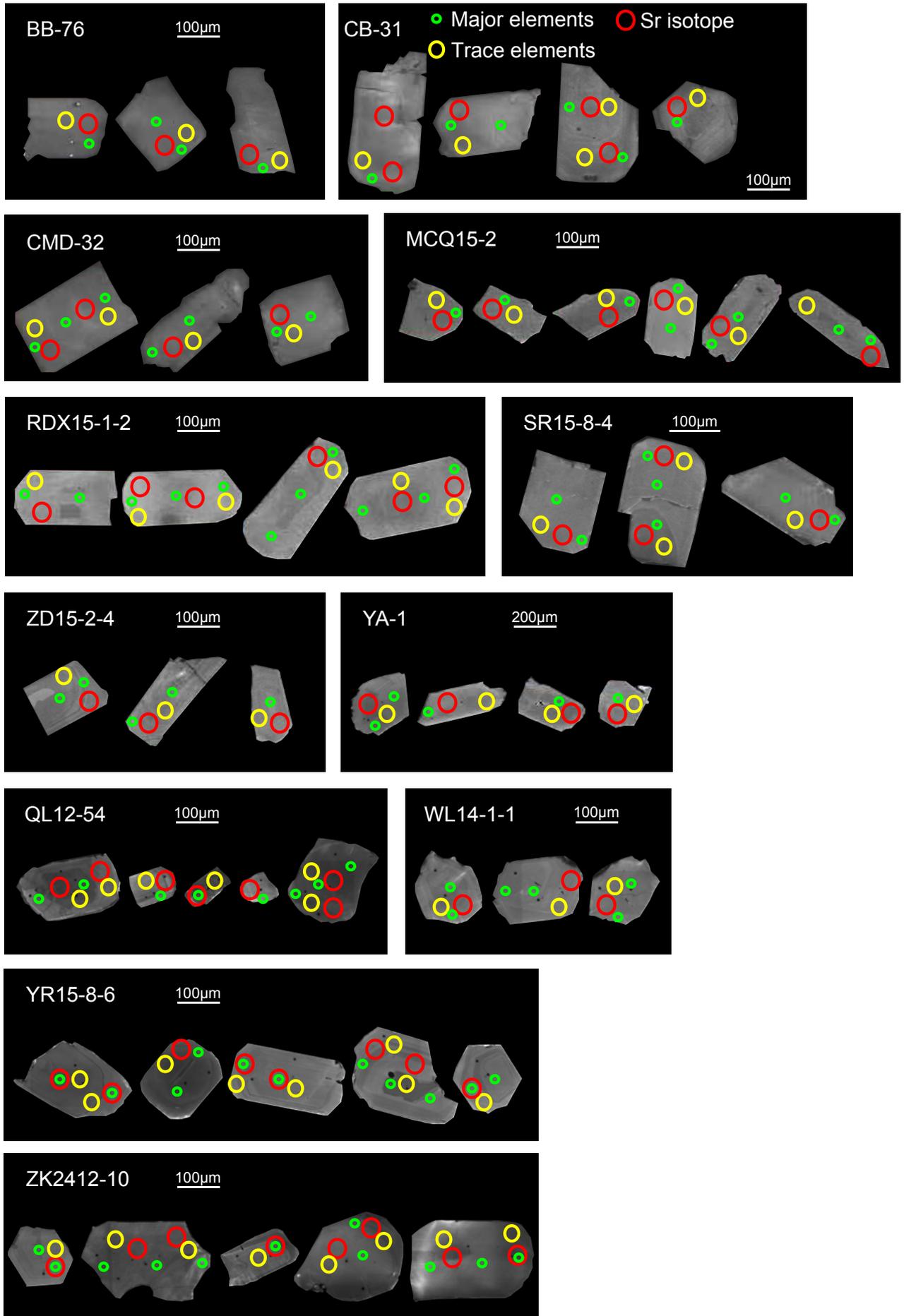


Figure DR3

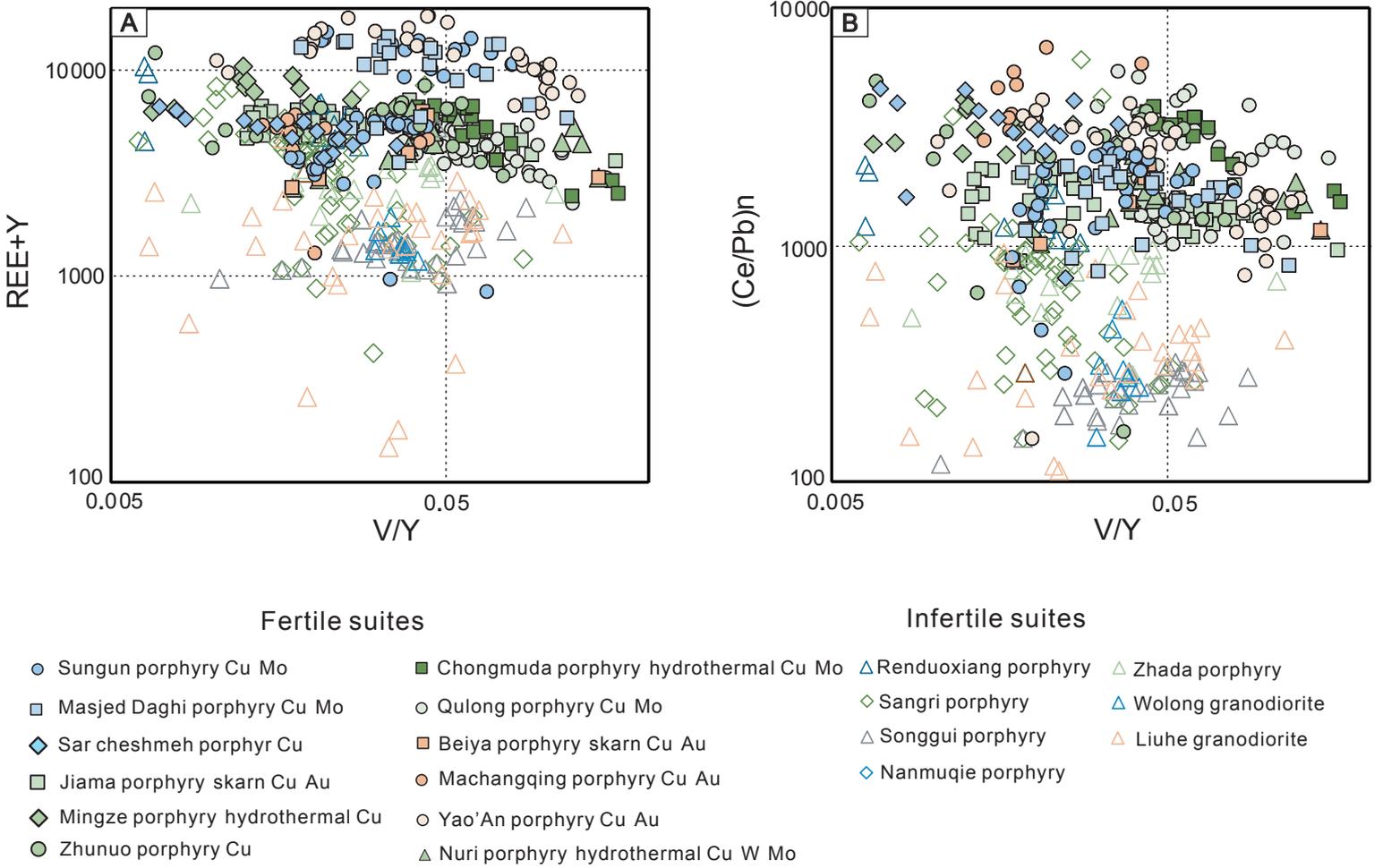
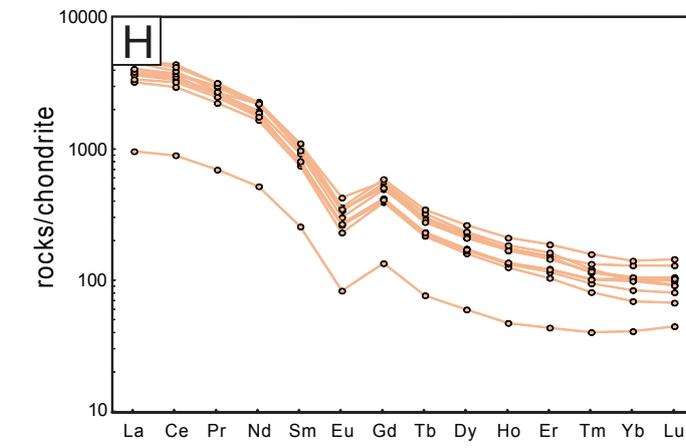
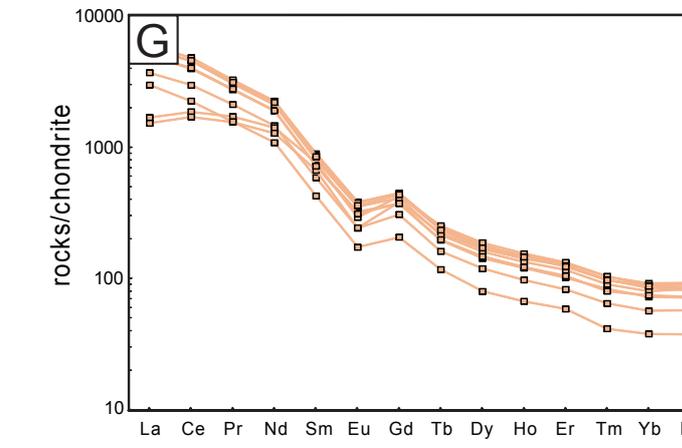
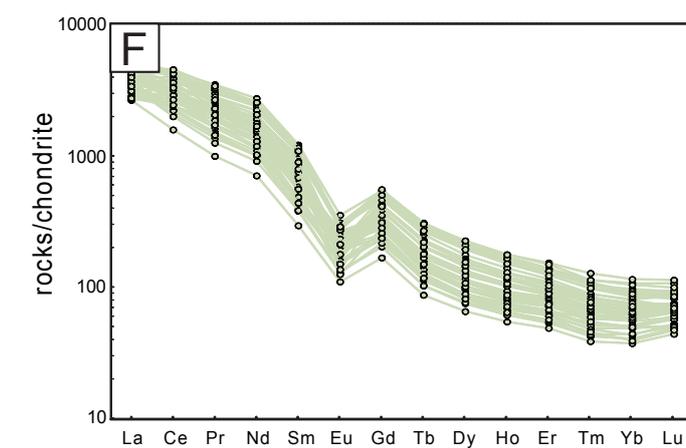
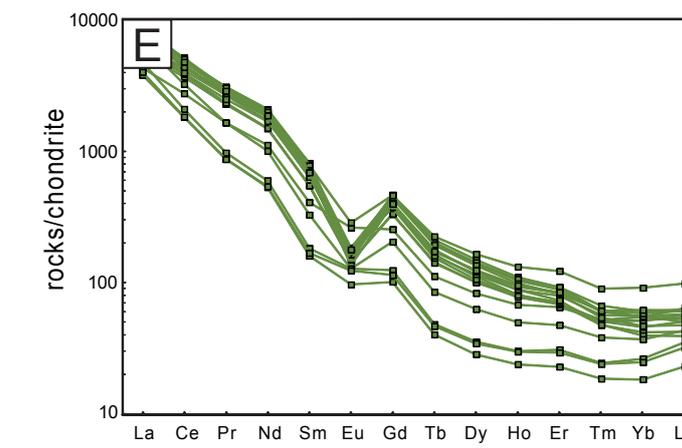
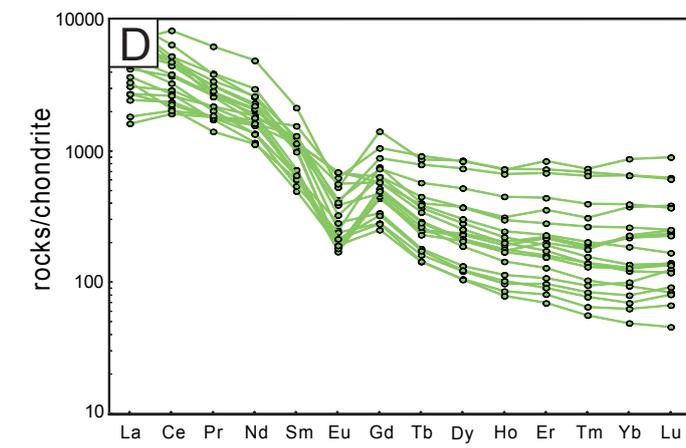
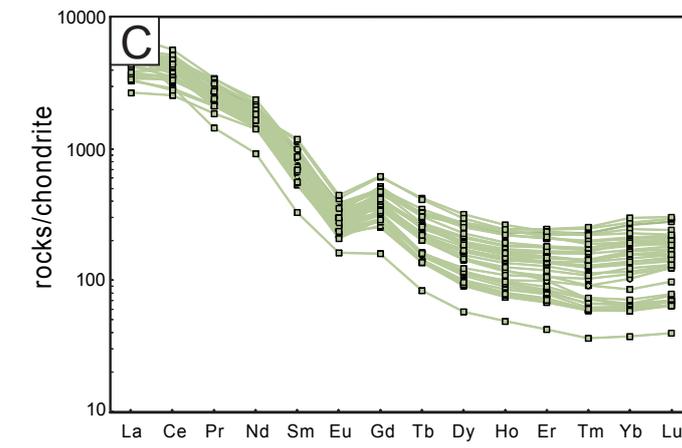
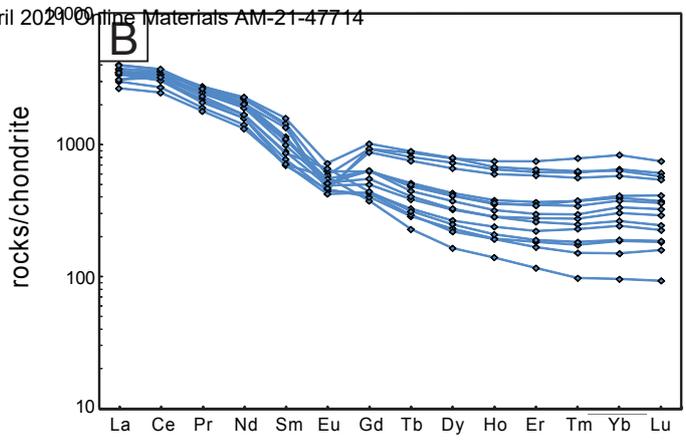
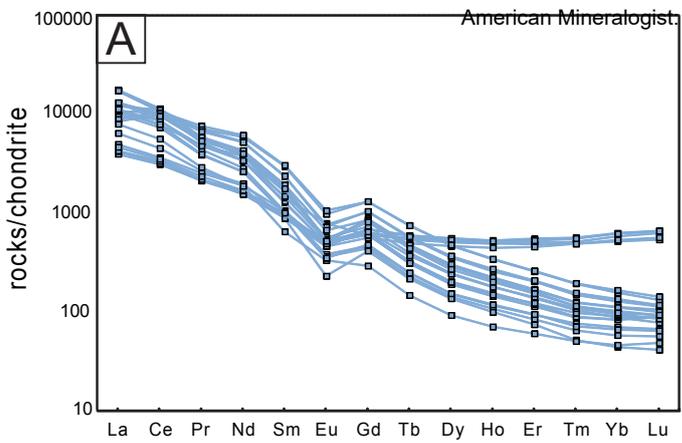
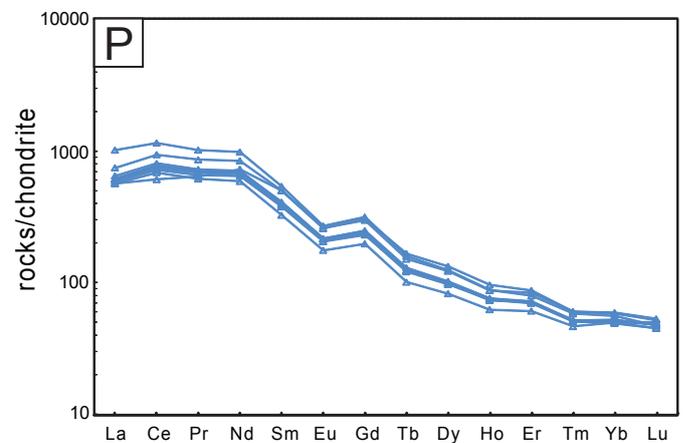
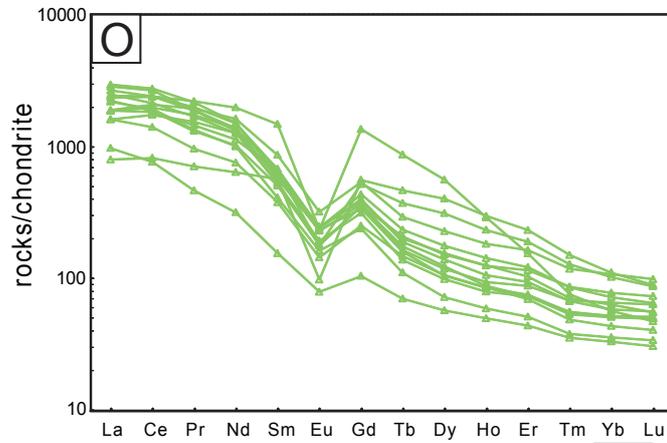
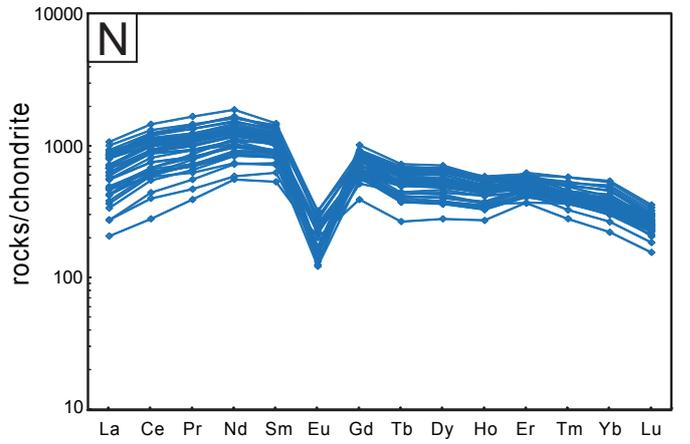
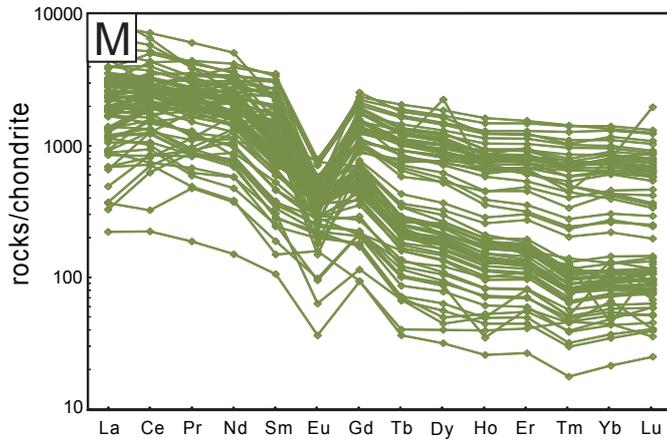
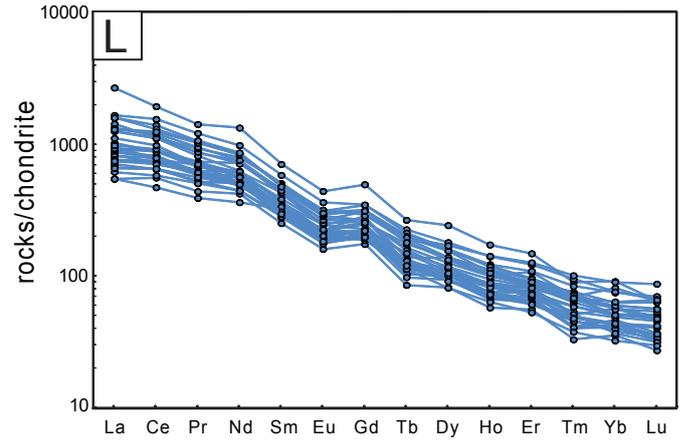
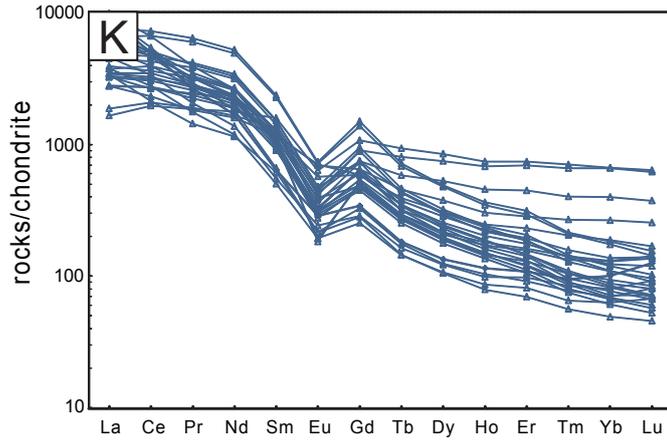
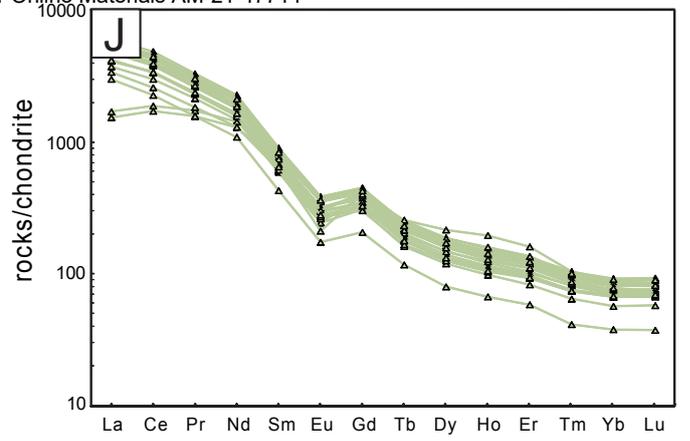
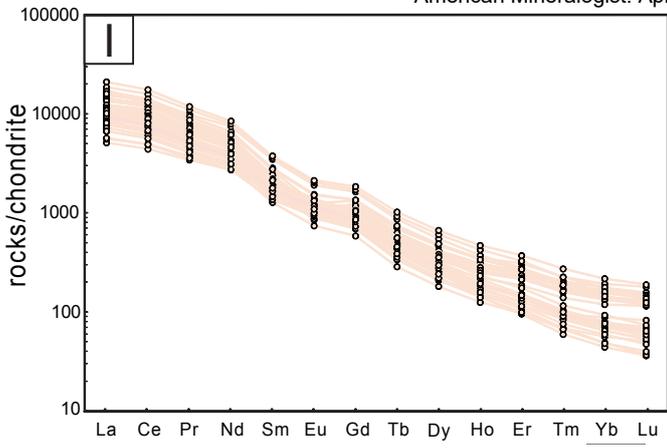
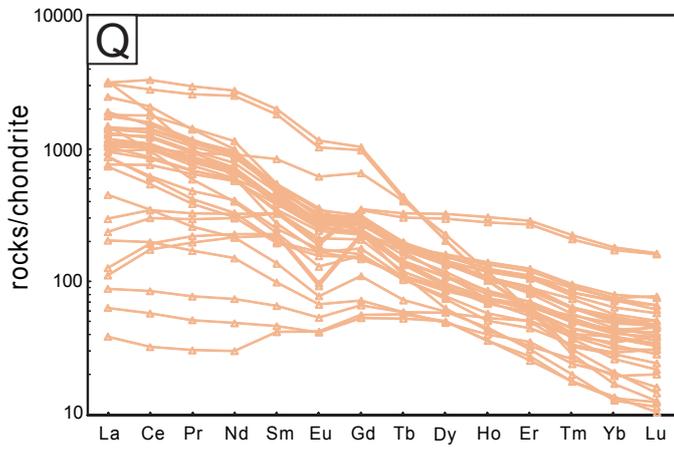


Figure.DR4



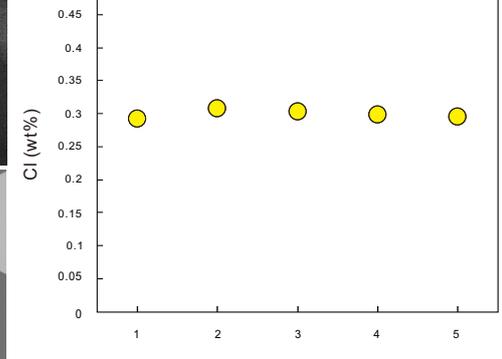
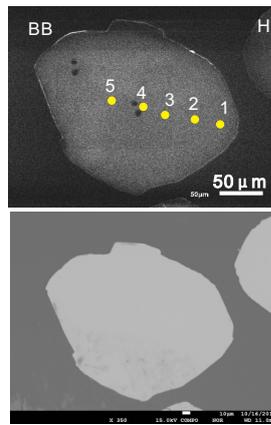
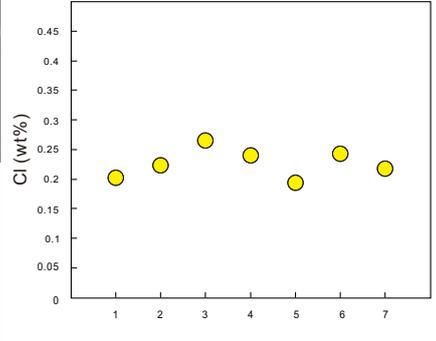
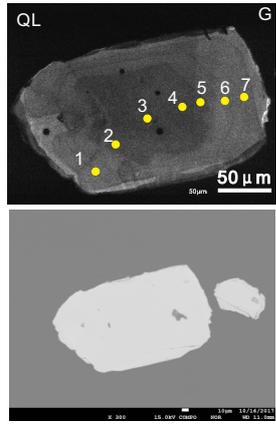
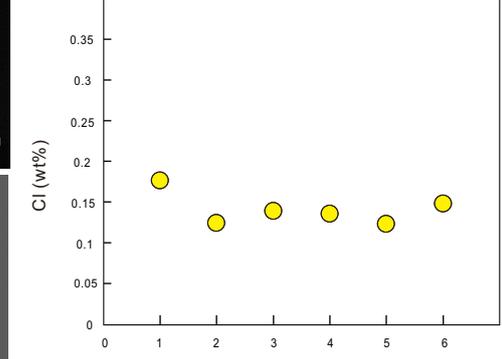
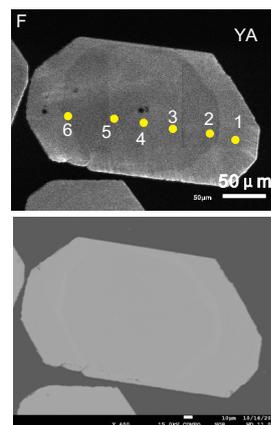
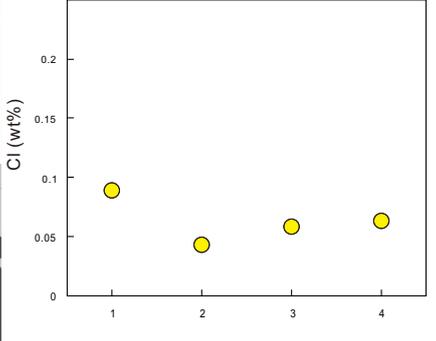
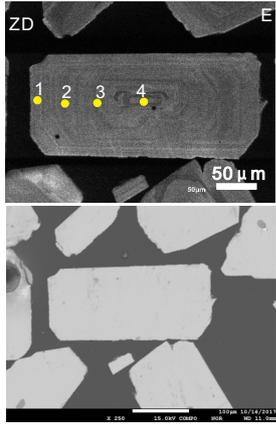
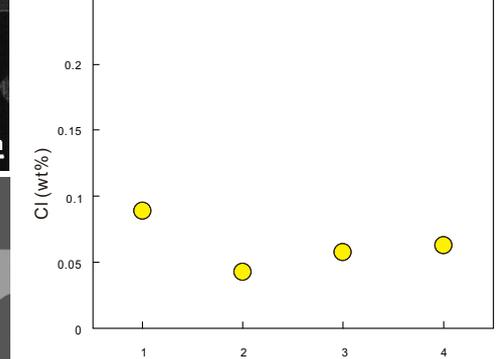
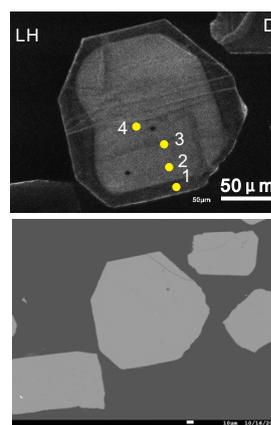
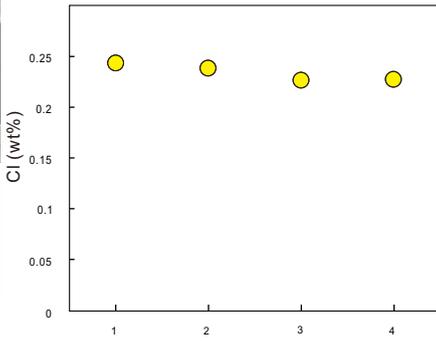
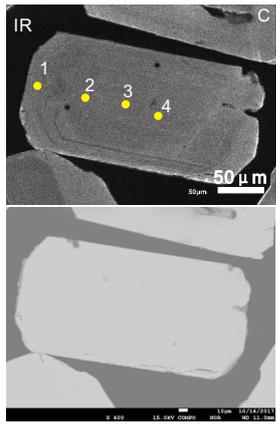
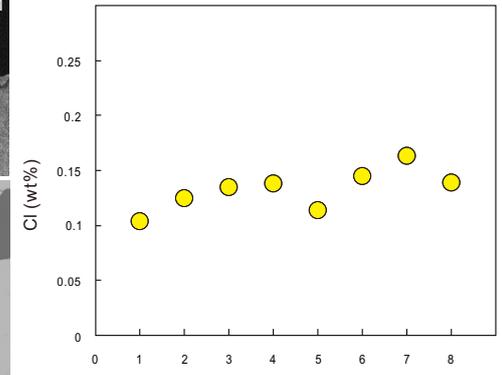
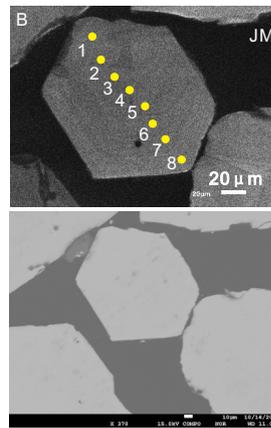
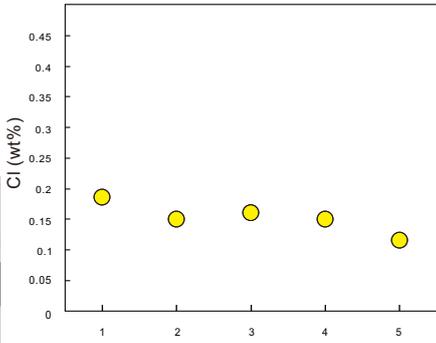
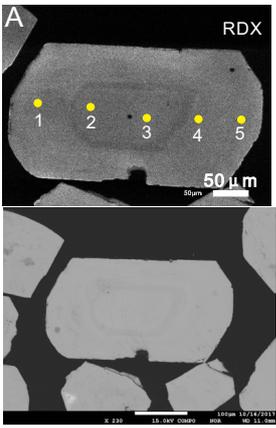


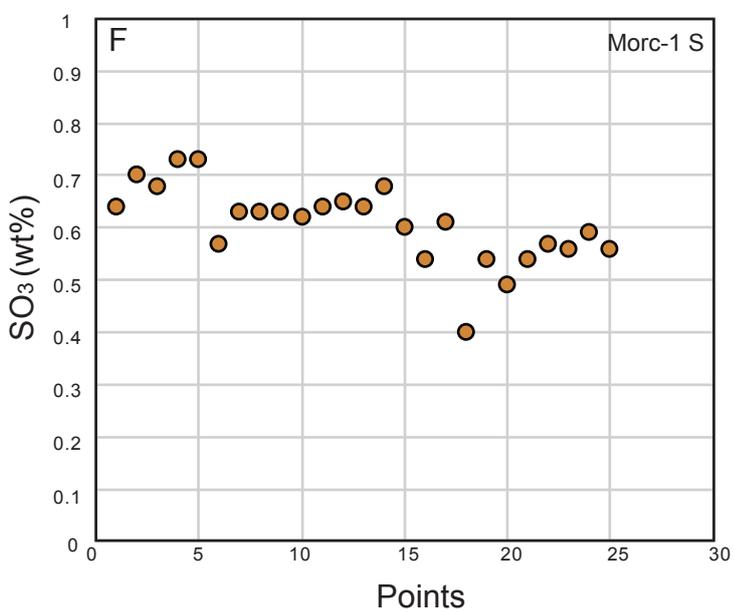
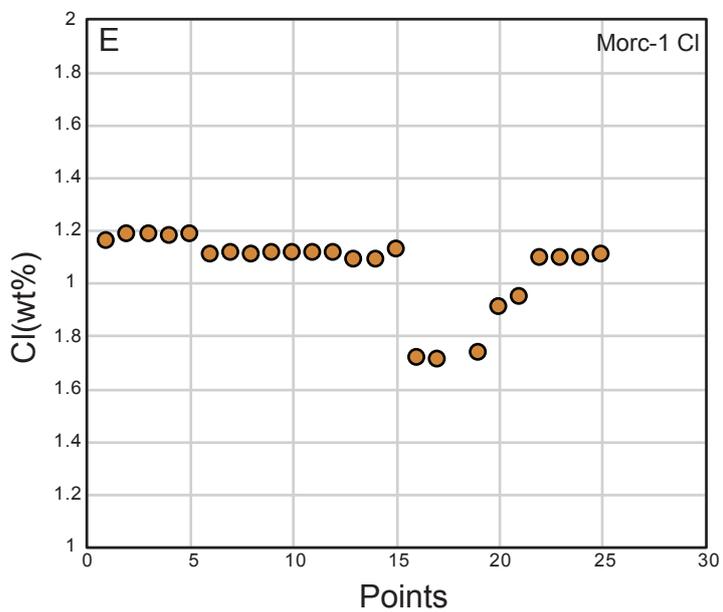
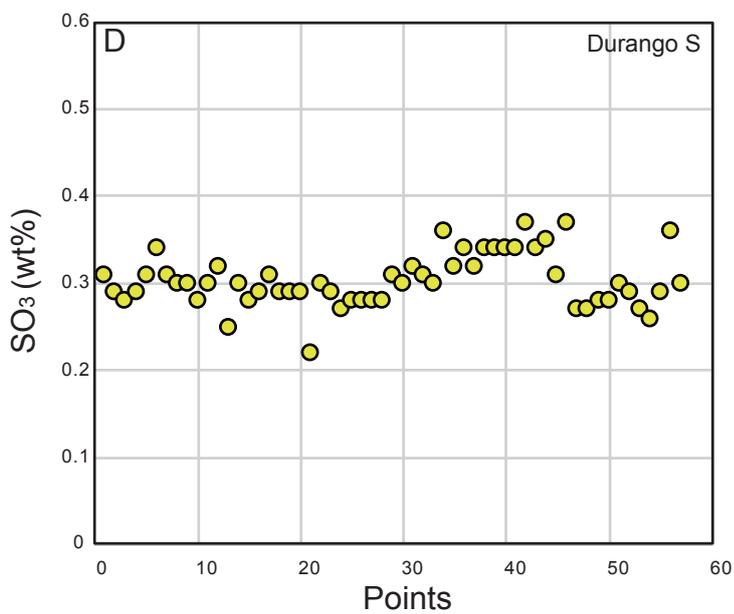
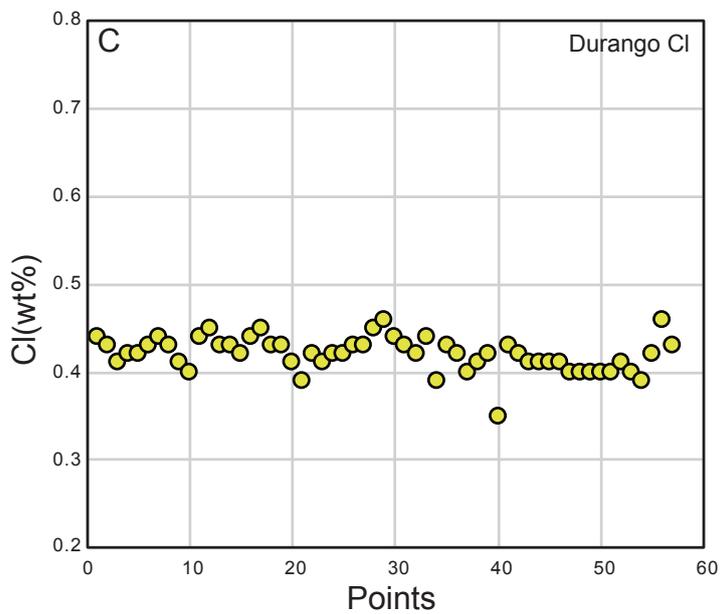
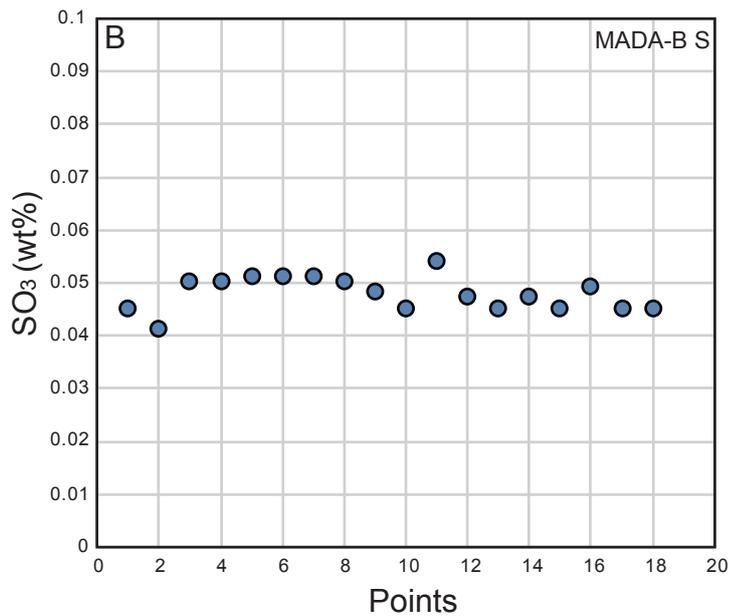
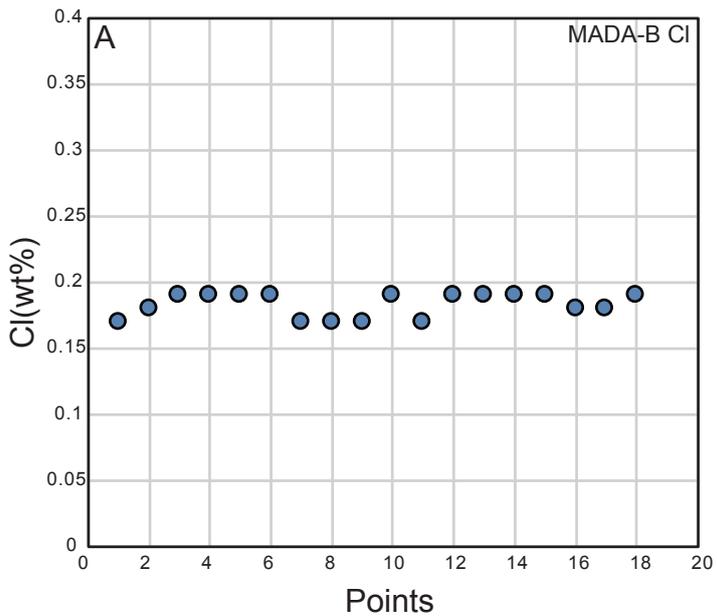


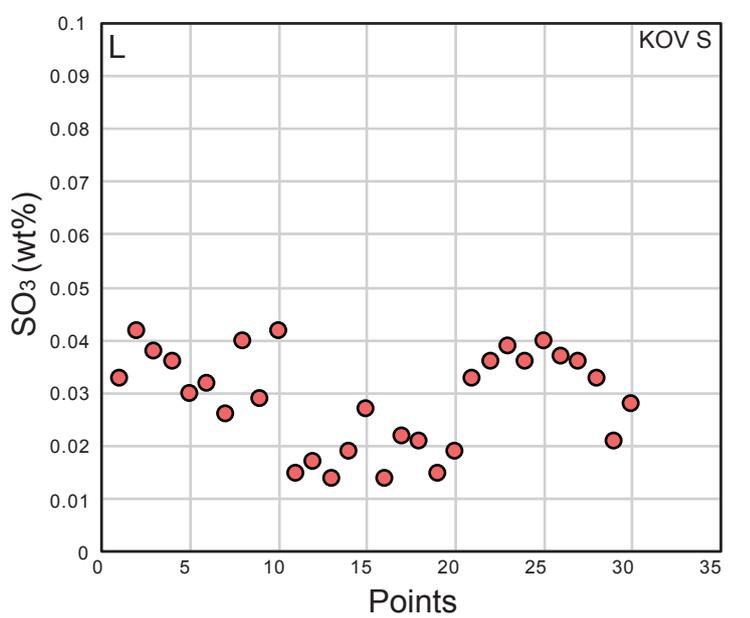
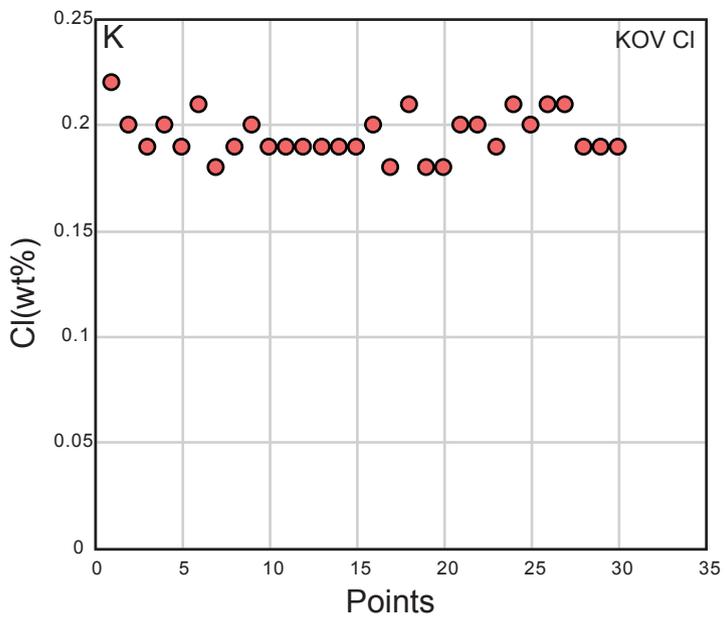
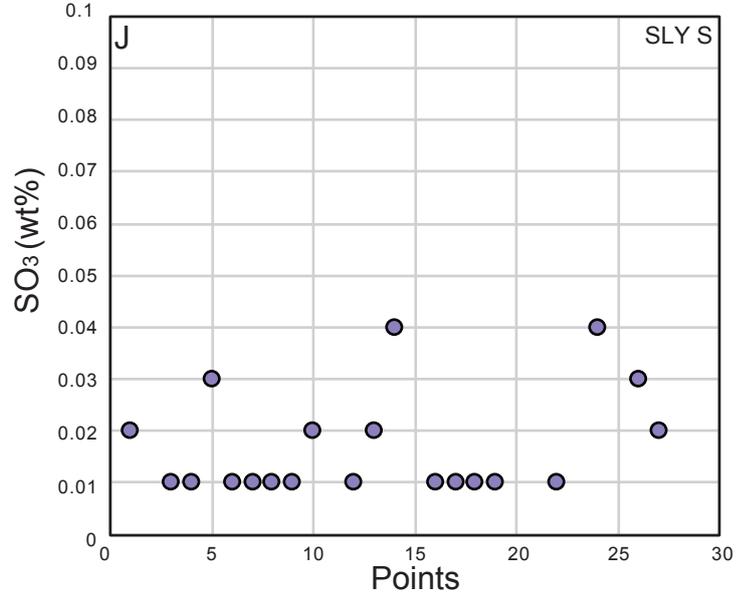
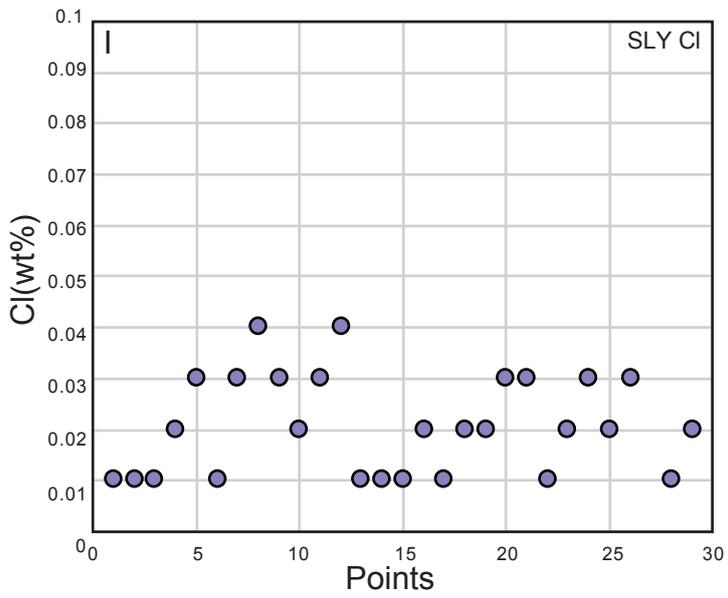
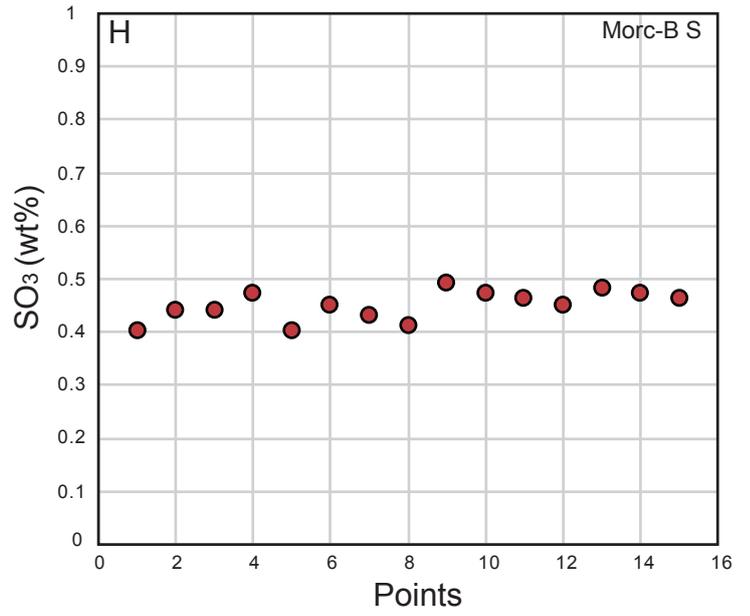
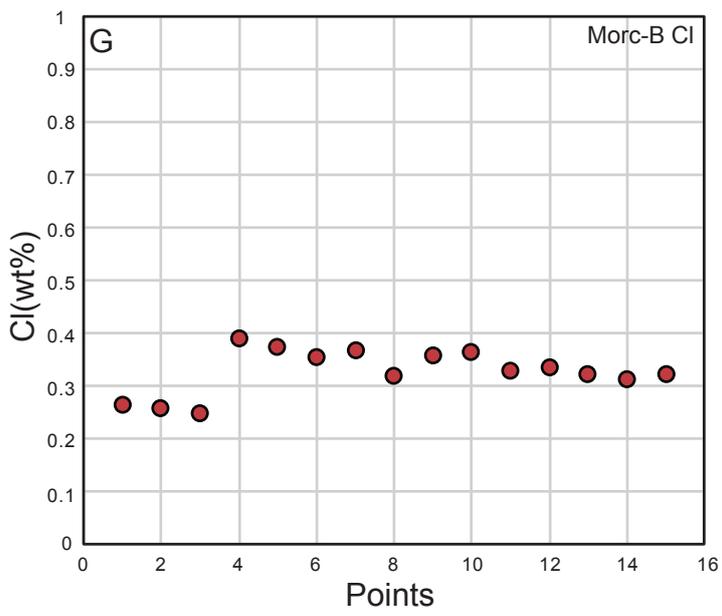
**Fertile suites**

**Infertile suites**

- |                                   |   |                        |                       |
|-----------------------------------|---|------------------------|-----------------------|
| ● Sungun porphyry Cu Mo           | ■ Chongmuda porphyry hydrothermal Cu Mo | △ Renduoxiang porphyry | △ Zhada porphyry      |
| ■ Masjed Daghi porphyry Cu Mo     | ○ Qulong porphyry Cu Mo                 | ◇ Sangri porphyry      | △ Wolong granodiorite |
| ◇ Sar cheshmeh porphyry Cu        | ■ Beiya porphyry skarn Cu Au            | △ Songgui porphyry     | △ Liuhe granodiorite  |
| ■ Jiama porphyry skarn Cu Au      | ○ Machangqing porphyry Cu Au            | ◇ Nanmuqie porphyry    |                       |
| ◇ Mingze porphyry hydrothermal Cu | ○ Yao'An porphyry Cu Au                 |                        |                       |
| ● Zhunuo porphyry Cu              |   |                        |                       |







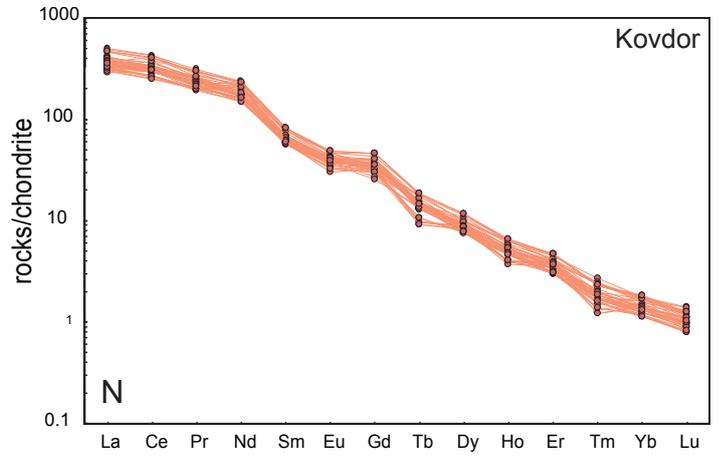
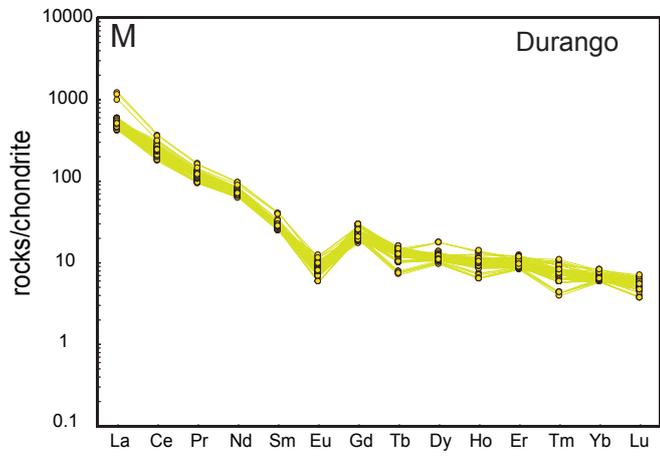


Figure.DR7

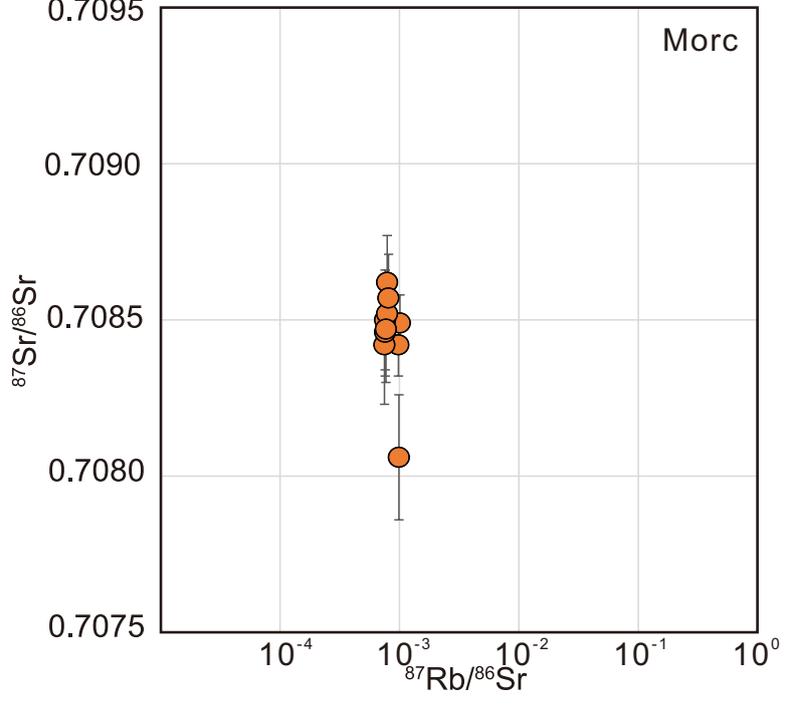
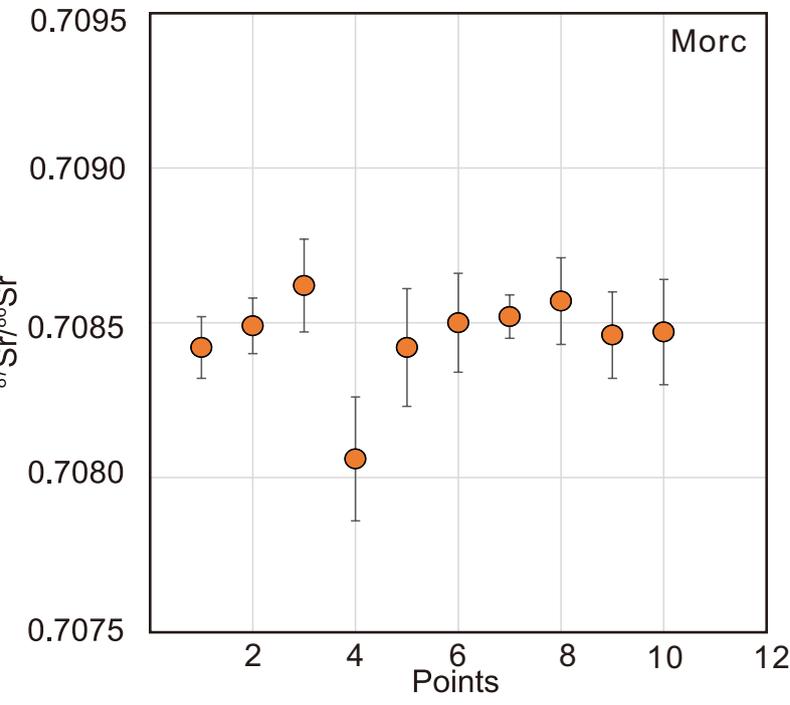
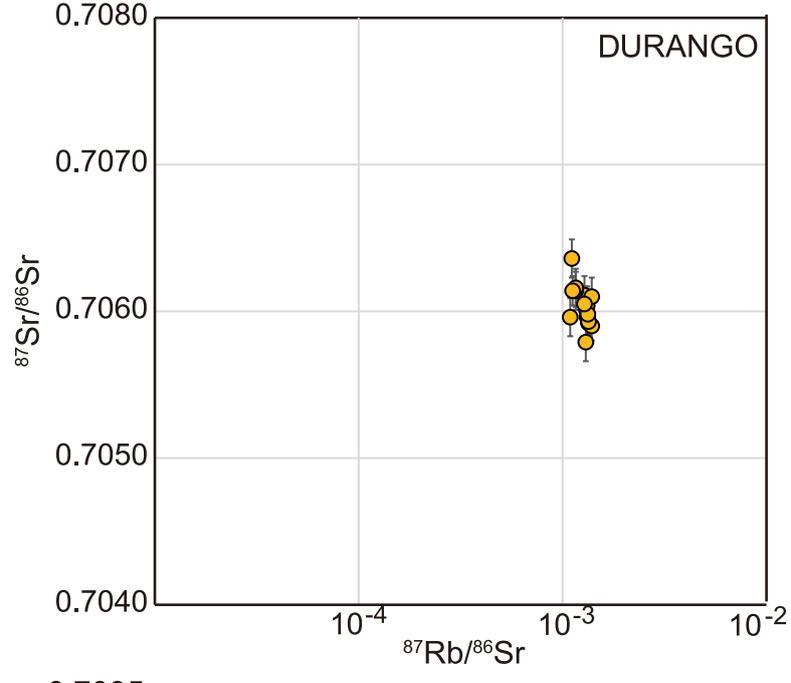
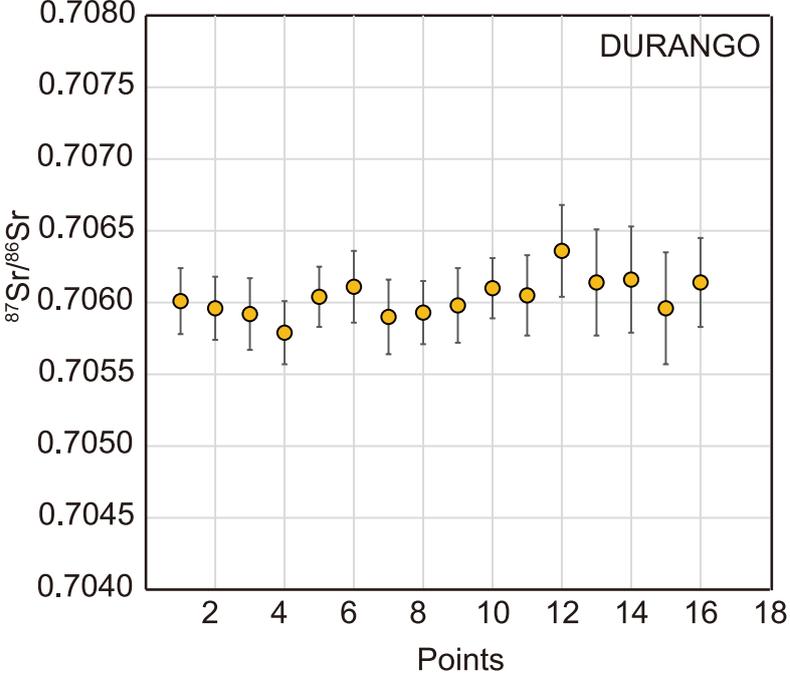
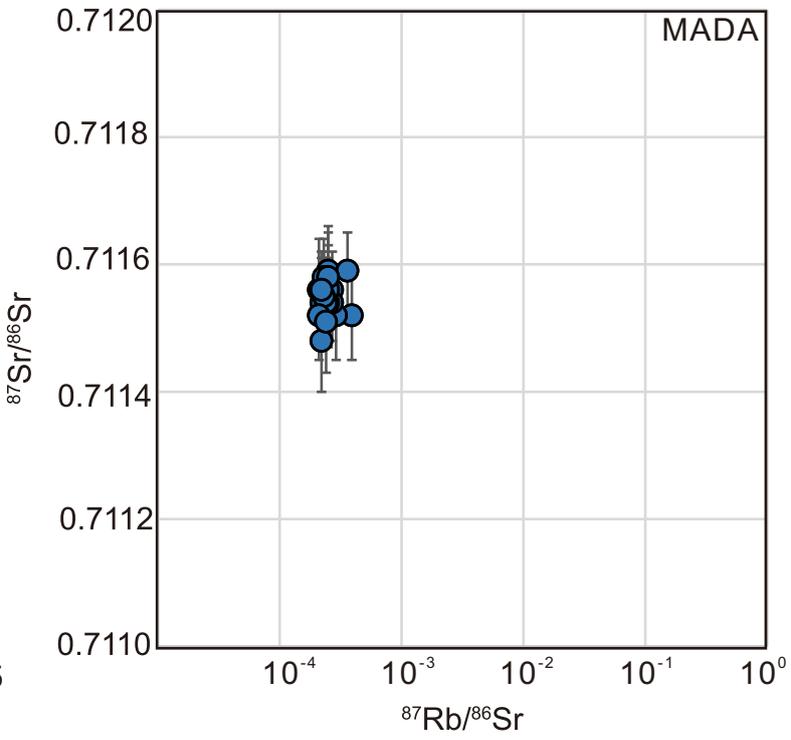
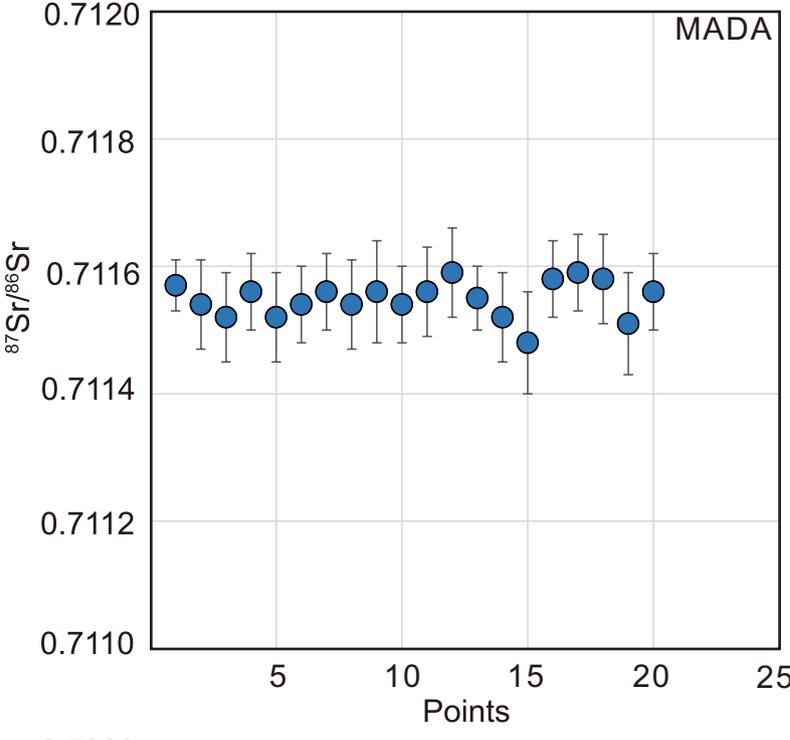


Table DR1 Infertile and Fertile Magmatic Suites Used in This Work

Sample	Locality	Deposit type	Longitude	Latitude	Lithology	Age (Ma)	Method	Reference
Masjed Daghi	Arasbaran	Cu-Au	45.6	39.0	Monzodiorite–monzonite	20.5	Molybdenite Re-Os	Aghazadeh et al., 2009
Sungun	Arasbaran	Cu-Au	46.7	38.7	Granite porphyry	21.7-22.9	Molybdenite Re-Os	Simmonds et al., 2017
Sarcheshmeh	Kerman	Cu-Au	55.5	29.5	Granite porphyry	13.2-13.4	Molybdenite Re-Os	Aghazadeh et al., 2009
Qulong	Gangdese	Cu-Mo	91.6	29.6	Manzogranite porphyry	15.9-16.1	Molybdenite Re-Os	Li et al., 2017
Jiama	Gangdese	Cu-Au	91.8	29.7	Granite porphyry	15.4-15.5	Molybdenite Re-Os	Li et al., 2005
Zhunu	Gangdese	Cu	87.3	29.3	Granite porphyry	13.7	Molybdenite Re-Os	Zheng et al., 2007
Chongmuda	Gangdese	Cu-Mo	91.9	29.3	Granodiorite	30.3	Molybdenite Re-Os	Yan et al., 2010
Nuri	Gangdese	Au-Cu	91.8	29.3	Granodiorite	23.4	Molybdenite Re-Os	Zhang et al., 2015
Mingze	Gangdese	Mo-Cu	91.9	29.3	Granite porphyry	28.2	Molybdenite Re-Os	Fan et al., 2011
Beiya	Sanjiang	Au-Cu	100.2	26.2	Manzogranite porphyry	36.8	Molybdenite Re-Os	He et al., 2015
Machangqing	Sanjiang	Cu-Au	100.5	25.5	Manzogranite porphyry	35.8	Molybdenite Re-Os	Hou et al., 2006
Yao'an	Sanjiang	Au	101.3	25.4	Quartz manzonite porphyry	33.7	Molybdenite Re-Os	Jiang et al., 2018
Zhada	Gangdese	Barren	80.4	31.7	Granite porphyry	26.2	Zircon U-Pb	Zhang, 2018
Renduoxiang	Gangdese	Barren	83.5	31.2	Granite porphyry	16.7	Zircon U-Pb	Zhang, 2018
Nanmuqie	Gangdese	Barren	88.3	29.5	Manzogranite porphyry	14.0-14.4	Zircon U-Pb	Xu et al., 2009
Sangri	Gangdese	Barren	92.1	29.3	Granite porphyry	37.7	Zircon U-Pb	Ji et al., 2009
Wolong	Gangdese	Barren	93.5	29.1	Granodiorite	37.4-38.5	Zircon U-Pb	Guan et al., 2012
Liuhe	Sanjiang	Barren	100.3	26.5	Syenite porphyry	34.6	Zircon U-Pb	Hou et al., 2017
Songui	Sanjiang	Barren	100.2	26.3	Manzogranite porphyry	36.5	Zircon U-Pb	Lu et al., 2012

Table DR2 Apatite major elements

Analysis Spot	Macroelement (ppm)																Total	Cl melt (ppm)	average magmatic S
	F	Na <sub>2</sub> O	MgO	Al <sub>2</sub> O <sub>3</sub>	CaO	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	SO <sub>3</sub>	SiO <sub>2</sub>	FeO	MnO	Cr <sub>2</sub> O <sub>3</sub>	Cl	SrO	Ce <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>			
RDX1512-5-2	2.8	0.18			53.81	40.64		0.14	0.19	0.01	0.02		0.04	0.05	0.37		98.27	141.57256	18.5798
RDX1512-5-1	2.84	0.1			54.17	40.66		0.13	0.16	0	0.03		0.03	0.05	0.21		98.4	108.25623	17.43328
RDX1512-6	2.65	0.15			53.76	40.61		0.2	0.21	0.03	0.04		0.06	0.09	0.37		98.19	200.27855	27.22786
RDX1512-7	2.66	0.09			53.81	40.71		0.17	0.27	0.04	0.03		0.06	0.07	0.42		98.33	20.090467	22.49196
RDX1512-10	2.75	0.08			54.17	41.49		0.02	-0.01	0.01	0.07		0.04	0.08	0.19		98.91	138.655	8.6516
RDX1512-11	2.78	0.15			53.96	41.47		0.15	0.2	0.01	0.03		0.02	0.07	0.26		99.14	70.33145	19.80173
RDX1515-1-1	2.78	0.05			54.13	40.95		0.1	0.2	0.02	0.04		0.06	0.07	0.33		98.75	210.09421	14.40101
RDX1515-1-2	2.7	0.05			54.41	41.4		0.08	0.1	0.01	0.05		0.02	0.07	0.14		99.03	68.28014	12.67852
RDX1515-4-1	2.73	0.09			53.44	41.02		0.11	0.45	0.17	0.04		0.01	0.03	0.15		98.2	34.54539	15.34811
RDX1515-4-2	2.77	0.1			54.3	41.13		0.13	0.09	0.04	0.06		0.04	0.05	0.17		98.91	139.77029	17.43328
RDX1515-7-2	2.81	0.1			54.2	41.02		0.16	0.19	0.01	0.04		0.05	0.06	0.3		98.97	177.60821	21.10402
RDX1515-8-1	2.8	0.15			54.17	40.58		0.11	0.18	0.04	0.04		0.04	0.05	0.29		98.49	141.57256	15.34811
RDX1515-8-2	2.78	0.11			54.17	41.05		0.13	0.19	0.02	0.02		0.05	0.09	0.2		98.83	175.25706	17.43328
RDX15-1-2-2	2.92	0.1			53.58	40.43		0.16	0.21	0.02	0.04		0.05	0.08	0.27		97.87	188.27907	21.10402
RDX15-1-2-3	2.82	0.05			54.29	41.26		0.07	0.05	0.02	0.05		0.02	0.09	0.23		98.96	71.55569	11.89616
RDX15-1-2-4	2.89	0.08			53.93	41.04		0.11	0.13	0	0.04		0.03	0.02	0.16		98.42	111.07951	15.34811
RDX15-1-2-5	2.74	0.13			54.07	41.1		0.16	0.14	0.03	0.02		0.06	0.07	0.23		98.76	206.65842	21.10402
RDX15-1-2-6	2.75	0.09			54.43	41.17		0.12	0.11	0.01	0		0.04	0.08	0.16		98.91	138.655	16.3575
RDX15-1-2-7	2.72	0.15			53.91	41.08		0.13	0.13	-0.01	0.01		0.05	0.08	0.16		98.4	171.13933	17.43328
RDX15-1-2-8	2.93	0.07			54.18	41.15		0.12	0.2	0.02	0.02		0.03	0.04	0.22		99.01	113.66534	16.3575
RDX15-1-2-9	2.76	0.13			53.79	40.85		0.22	0.16	0.04	0.06		0.06	0.13	0.22		98.4	208.32528	30.92699
RDX15-1-2-10	2.69	0.13			53.73	40.86		0.1	0.15	0.03	0.02		0.04	0.09	0.2		98.01	135.68249	14.40101
RDX15-1-2-11	2.69	0.15			53.54	40.5		0.19	0.17	0.04	0.08		0.06	0.07	0.35		97.84	202.90168	25.54768
RDX15-1-2-12	2.65	0.14			53.53	40.7		0.14	0.27	0.07	0.09		0.07	0.14	0.38		98.17	233.26488	18.5798
RDX15-1-2-13	2.69	0.09			53.92	41.17		0	0.04	0.04	0.03		0.03	0.01	0.13		98.15	101.92196	7.61679
RDX1501050101	3.069	0	0.007	0	54.791	40.116	0.005	0.056	0.195	0.045	0.046	0.068	0.026	0	0.275	0.045	98.744	108.83334	10.88127
RDX1501050102	3.1	0.01	0.014	0.013	55.077	40.116	0	0.095	0.129	0.069	0	0	0.014	0	0.049	0.027	98.713	60.10955	13.9496
RDX1501050201	2.883	0.039	0	0	55.102	40.064	0.003	0.099	0.22	0	0.029	0	0.037	0	0.382	0.04	98.898	136.43937	14.30957
RDX1501050202	2.866	0.049	0	0	55.019	39.33	0.015	0.098	0.195	0.024	0	0.006	0.03	0	0.321	0	97.953	109.67155	14.21872

Table DR2 (Continued)

RDX1501050301	3.368	0.042	0.018	0.004	54.105	40.885	0	0.063	0.216	0.045	0	0	0.032	0	0.343	0	99.121	199.01144	11.3774
RDX1501050302	3.341	0.066	0.004	0	54.385	40.352	0	0.102	0.243	0.069	0	0	0.03	0	0.435	0	99.027	176.91368	14.58563
RDX1501050401	2.874	0.02	0	0	54.688	40.127	0.001	0.065	0.275	0	0.068	0	0.023	0	0.293	0.007	98.441	84.46253	11.52227
RDX1501050402	2.856	0.007	0	0	54.95	39.616	0	0.055	0.151	0.024	0.036	0.012	0.009	0	0.335	0	98.051	32.77945	10.81219
RDX1501050501	2.325	0.006	0	0.015	55.608	40.814	0	0.047	0.195	0.039	0.011	0	0.027	0	0.317	0.011	99.415	85.48399	10.27505
RDX1501050502	2.709	0.007	0	0	54.995	40.08	0.022	0.076	0.218	0.009	0	0	0.015	0	0.236	0	98.367	51.40452	12.35958
RDX1501050503	4.258	0	0.014	0.002	53.656	40.576	0	0	0	0.039	0.031	0.016	0.016	0	0	0	98.592	7.61679	7.61679
RDX1501050504	3.488	0	0	0	54.085	40.753	0	0.049	0	0.005	0.026	0.002	0.002	0.011	0	98.419	16.17946	10.40678	
RDX1501050505	3.724	0.038	0.008	0	53.778	40.551	0	0.033	0	0.033	0.095	0.014	0.014	0	0	98.274	765.88416	9.39847	
RDX1501050506	4.612	0.016	0.007	0	52.975	40.724	0.014	0.049	0	0.031	0.068	0.002	0.002	0	0	98.498	10.40678	10.40678	
RDX1501050507	3.506	0	0.032	0.003	54.253	40.086	0.01	0.047	0	0.038	0.077	0	0	0	0	98.052	10.27505	10.27505	
RDX1501050508	3.645	0	0	0	53.646	40.782	0	0.029	0	0.002	0.068	0	0	0	0	98.172	9.16204	9.16204	
RDX1501050509	3.886	0	0.007	0.001	54.009	40.858	0.018	0.025	0	0.037	0.113	0.002	0.002	0.026	0	98.982	8.93156	8.93156	
RDX1501050510	4.002	0	0	0	53.645	40.577	0.001	0.027	0	0.045	0.107	0	0	0	0	98.404	9.04607	9.04607	
RDX1501050511	4.302	0.021	0.017	0	53.787	40.258	0	0	0	0.064	0.079	0.009	0.009	0	0	98.537	7.61679	7.61679	
RDX1501050512	4.38	0.038	0.007	0	53.707	40.242	0.002	0.039	0	0.052	0.053	0.007	0.007	0	0	98.527	9.76459	9.76459	
RDX1501050513	4.237	0.009	0.009	0	52.974	40.874	0	0.043	0	0.012	0.073	0.003	0.003	0	0	98.234	10.01657	10.01657	
RDX1501050514	4.707	0.02	0.018	0.001	52.682	40.426	0.005	0.021	0	0.019	0.108	0.002	0.002	0	0	98.009	8.70688	8.70688	
RDX1501050515	4.17	0	0	0	54.574	39.612	0	0	0	0.03	0.064	0	0	0	0	98.45	7.61679	7.61679	
RDX1501050516	3.782	0.03	0.007	0	53.59	40.279	0	0.064	0	0.041	0.112	0	0	0	0	97.905	11.4501	11.4501	
RDX1501050517	3.806	0.014	0.031	0	53.874	40.283	0.005	0	0	0.001	0.05	0.009	0.009	0	0	98.073	7.61679	7.61679	
RDX1501050518	4.218	0.008	0.003	0	54.036	40.35	0.005	0.01	0	0.026	0.058	0	0	0.001	0	98.715	8.11772	8.11772	
RDX1501050519	3.305	0.047	0	0	54.58	40.315	0	0.035	0	0.033	0.064	0	0	0	0	98.379	9.51896	9.51896	
RDX1501050520	2.452	0	0	0.001	54.809	40.718	0	0	0	0.053	0.052	0.008	0.008	0	0	98.093	25.84015	7.61679	
RDX1501050521	3.389	0.024	0.009	0	54.851	39.717	0	0.004	0	0.006	0.022	0.004	0.004	0	0	98.026	25.39651	7.81334	
RDX1501050522	4.196	0.129	0.019	0.018	53.647	39.974	0.008	0.241	0.539	0.114	0.022	0.012	0.075	0.005	0	98.999	35.35314	35.35314	
MD-1-1	4.33	0.178	0.053	0	53.953	39.973	0.003	0.235	0.499	0.039	0.014	0.019	0.081			99.377	34.02756	34.02756	
MD-1-2	5.059	0.193	0.066	0	53.894	40.04	0.021	0.226	0.426	0.021	0.083	0.031	0.083			100.143	32.13179	32.13179	
MD-1-3	5.428	0.127	0.033	0	53.738	39.768	0	0.281	0.499	0.069	0.119	0	0.085			100.147	45.6117	45.6117	
MD-1-4	4.313	0.174	0.048	0.01	53.685	39.965	0.007	0.273	0.579	0.054	0.047	0	0.079			99.234	43.34576	43.34576	
MD-1-5	4.138	0.138	0.039	0	53.504	40.216	0.009	0.225	0.507	0.057	0.04	0	0.072			98.945	31.92778	31.92778	
MD-1-6	3.672	0.127	0.03	0.005	55.351	40.113	0.001	0.21	0.495	0.141	0.097	0.025	0.066			100.333	2169.01841	29.01854	

Table DR2 (Continued)

MD-1-7	4.122	0.14	0.035	0	55.729	39.735	0.009	0.182	0.394	0.087	0.072	0	0.07	100.575	24.2785
MD-1-8	2.044	0.026	0.026	0	55.356	40.346	0	0.121	0.604	0.009	0.1	0	0.199	98.831	589.41694
MD-1-9	2.637	0.112	0.016	0	55.322	40.146	0	0.265	0.283	0.081	0.018	0	0.109	98.989	359.41377
MD-1-10	1.997	0.083	0.009	0	55.31	40.139	0	0.221	0.28	0.087	0.05	0	0.115	98.291	350.88779
SR1546-1-1	3.003	0	0	0.003	55.464	40.191	0.009	0	0.056	0.069	0.061	0.012	0.014	0	0.185
SR1546-1-2	3.31	0	0.002	0	55.059	40.009	0.01	0.001	0.28	0.042	0.057	0.019	0.013	0	0.485
SR1546-2-1	3.784	0	0.017	0	55.331	41.857	0.001	0.009	0.121	0.003	0	0.031	0.02	0	0.156
SR1546-3-1	3.516	0	0.004	0	55.175	41.326	0	0.001	0.2	0.006	0.054	0	0.023	0	0.232
SR1546-3-2	2.937	0.003	0	0	54.891	41.107	0.007	0.033	0.197	0.036	0.021	0	0.01	0	0.126
SR1546-4-1	3.629	0	0.007	0.032	54.616	39.943	0	0.014	0.181	0.006	0	0	0.005	0	0.197
SR1546-4-2	3.602	0.031	0.003	0.004	55.504	40.017	0	0.044	0.345	0.039	0.007	0.025	0.027	0	0.447
SR1546-5-1	3.371	0	0.016	0	55.869	41.728	0.011	0.022	0.225	0	0.018	0.031	0.025	0	0.329
SR1546-5-2	3.804	0	0.001	0	55.868	41.163	0	0.031	0.096	0	0.021	0	0.025	0	0.069
SR1546-6-1	3.484	0	0	0	56	41.077	0	0.004	0.221	0.11	0.004	0.062	0.021	0	0.264
SR1596-1-2	4.529	0	0	0	55.293	41.155	0	0.032	0.095	0.03	0.025	0.025	0.022	0	0.093
SR1596-2-1	4.302	0	0.017	0.005	54.83	40.726	0	0	0.247	0	0.057	0.043	0.027	0	0.256
SR1596-3-2	4.087	0	0.025	0.007	56.122	41.166	0	0.024	0.169	0	0.039	0	0.02	0	0.051
SR1596-4-1	4.01	0.008	0.009	0	55.063	40.759	0	0.039	0.282	0.012	0.021	0.062	0.031	0	0.457
SR1596-4-2	3.143	0	0	0.011	55.875	41.279	0.005	0.028	0.366	0.078	0.007	0.019	0.023	0	0.264
SR1596-5	3.205	0	0	0	55.781	41.024	0	0.023	0.233	0.096	0.1	0	0.007	0	0.124
SR1596-6	4.072	0	0	0.003	53.598	39.727	0.009	0	0.816	0.027	0	0	0.03	0	0.88
SR1596-7-1	4.447	0	0	0	55.243	40.827	0.002	0.052	0.04	0	0.072	0.006	0.021	0	0
SR1596-10-1	4.343	0	0	0.006	55.144	41.328	0	0.051	0.275	0.006	0.011	0	0.031	0	0.229
SR1596-10-2	4.063	0	0.005	0.012	55.108	41.52	0	0.032	0.255	0.06	0.061	0.012	0.017	0	0.345
SR66-13	3.19	0.15			55.02	42		0.09	0.21	0.01	0.16	0	0	0	0.16
SR66-14	3.2	0.12			55.1	42.15		0.05	0.24	0.02	0.17	0.01	0.03	0.03	0.16
SR66-15	2.97	0.11			54.88	41.53		0.1	0.17	0.01	0.21	0.01	0.03	0.03	0.15
SR66-16	1.85	0.18			46.19	33.53		0.08	3.9	0.04	0.09	0.06	0	0	0.16
SR66-17	3.27	0.1			55.21	41.85		0.12	0.22	0.03	0.2	0	0.01	0.01	0.13
SR66-18	3.03	0.18			55.41	42.29		0.1	0.16	0.04	0.18	0	0.01	0.01	0.22
SR66-19	3.58	0.15			55.66	42.19		0.12	0.22	0.03	0.15	0	0.06	0	0.17
SR66-20	3.42	0.12			55.28	42.13		0.11	0.18	-0.01	0.16	0	0.04	0	0.13
														101.52	15.34811

Table DR2 (Continued)

SR66-21	2.99	0.11	55.59	42.25	0.11	0.19	-0.01	0.14	0.01	0	0.22	101.62	39.36446	15.34811
SR66-23	3.04	0.1	55.64	42.27	0.14	0.21	0	0.21	0	0.03	0.29	101.93		18.5798
SR66-24	3.08	0.18	55.53	41.84	0.12	0.21	0.03	0.24	0.01	-0.01	0.29	101.55	42.16436	16.3575
SR1583-6-1	3.09	0.21	54.8	41.88	0.08	0.33	0.03	0.2	0.01	0.03	0.27	100.92	42.53001	12.67852
SR1583-6-2	3.18	0.13	55.56	42.6	0.13	0.16	0.03	0.21	0.01	0.03	0.17	102.2	46.46904	17.43328
SR1583-7-2	3.16	0.14	55.24	42.59	0.09	0.19	0.02	0.18	0	-0.02	0.24	101.83		13.51235
SR1583-8-2	3.27	0.09	55.72	42.28	0.05	0.14	0.01	0.18	0.01	0.02	0.05	101.84	52.01912	10.47327
SR1583-9-1	3.17	0.15	55.24	41.8	0.12	0.25	0.02	0.23	0.01	0.01	0.2	101.14	45.96512	16.3575
SR1583-9-2	3.19	0.14	55.16	41.95	0.11	0.25	0.04	0.22	0.01	0	0.24	101.32	46.99238	15.34811
SR1583-10-1	2.63	0.08	51.51	39.33	0.11	0.3	0.02	0.1	0.09	0.03	0.08	94.23	297.05797	15.34811
SR1583-10-2	3.23	0.12	55.15	42.21	0.08	0.18	0.04	0.16	0	0.02	0.2	101.38		12.67852
SR83-2-1	3.05	0.13	55.34	42	0.19	0.17	0.02	0.19	0.01	0.07	0.28	101.45	41.13827	25.54768
SR66-1	3.08	0.12	55.39	42.19	0.11	0.2	0.04	0.21	0	0.01	0.24	101.61		15.34811
SR66-2	3.05	0.04	55.99	42.67	0.07	0.07	0.02	0.18	0.01	0.02	0.08	102.21	41.13827	11.89616
SR66-3	3.43	0.13	55.31	41.7	0.11	0.17	0.02	0.09	0.01	0.03	0.11	101.11	69.90279	15.34811
SR66-4	3.29	0.09	55.33	42.35	0.13	0.18	0.02	0.21	0	0.05	0.27	101.91		17.43328
SR66-5	3.18	0.14	55.32	41.89	0.08	0.18	0.04	0.2	0	0.05	0.16	101.26		12.67852
SR66-6	3.21	0.11	55.08	42.15	0.11	0.26	0.03	0.19	0.01	0.02	0.28	101.41	48.10152	15.34811
SR66-7	3.12	0.16	55.23	42.3	0.11	0.19	0.04	0.23	0	0.03	0.26	101.68		15.34811
SR66-9	3.16	0.11	55.14	42.12	0.1	0.18	-0.01	0.17	0	0.03	0.2	101.23		14.40101
SR66-10	3.14	0.17	55.35	41.71	0.11	0.26	0.01	0.14	0	0.03	0.22	101.18		15.34811
SR66-11	3.02	0.1	55.75	42.9	0.07	0.08	0.02	0.19	0.01	0.04	0.07	102.28	40.20864	11.89616
SR66-12	2.79	0.15	55.42	42.78	0.12	0.18	0.04	0.17	0.03	0.06	0.24	101.96	105.8239	16.3575
SR1545-4-1	3.29	0.13	55.51	42.11	0.11	0.16	0.03	0.21	0.01	0.04	0.22	101.81	53.56311	15.34811
SR1545-4-2	3.2	0.11	55.06	42.07	0.07	0.26	0.01	0.2	0	0.04	0.32	101.33		11.89616
SR1545-7-2	3.2	0.08	55.53	42.21	0.11	0.13	0.02	0.18	0	0	0.15	101.57		15.34811
SR1545-9-2	3.25	0.13	54.88	41.84	0.09	0.14	0.03	0.22	0	0	0.15	100.71		13.51235
SR1593-1-1	3.27	0.15	55.02	41.98	0.14	0.21	0.03	0.19	0	0.03	0.17	101.19		18.5798
SR1593-1-2	3.44	0.34	55.2	41.26	0.59	0.22	0.02	0.17	0.01	0.07	0.15	101.48	71.63549	326.46318
SR1593-2	3.63	0.13	55.51	41.89	0.08	0.25	-0.01	0.09	0	-0.02	0.25	101.77		12.67852
SR1593-4	3.63	0.16	55.05	41.97	0.08	0.19	0.01	0.2	0.01	-0.02	0.15	101.43	156.85257	12.67852
SR1593-5	3.21	0.17	55.43	42.12	0.12	0.16	0.02	0.18	0	-0.01	0.23	101.63		16.3575

Table DR2 (Continued)

SR1593-6-1	2.78	0.02	55.73	42.02	0.2	0.28	0	0.04	0.05	0.02	0.14	101.32	175.25706	27.22786
SR1583-1-1	2.48	0.06	55.4	41.53	0.12	0.44	0.02	0.07	0.06	0.1	0.25	100.52	192.19766	16.3575
SR1583-1-2	2.74	0.07	55.67	42.09	0.13	0.16	0.02	0.09	0.05	0.06	0.24	101.32	172.431	17.43328
SR1583-3	2.52	0.03	54.83	41.95	0.13	0.39	0.04	0.07	0.05	0.02	0.3	100.33	161.78819	17.43328
SR1583-4-1	2.88	0.02	54.94	40.96	0.11	0.4	-0.02	0.07	0.06	0.01	0.45	99.87	220.70568	15.34811
SR1583-4-2	2.56	0.04	55.17	42.1	0.09	0.11	0.03	0.08	0.05	0.03	0.19	100.43	163.21199	13.51235
SG3-8-1	2.63	0.02	55.77	42.08	0.13	0.18	0.06	0.07	0.07	0.07	0.22	101.31	231.85052	17.43328
SG3-8-2	2.69	0	55.89	42.61	0.04	0.19	-0.01	0.06	0.03	0.02	0.19	101.71	101.92196	9.82699
SG3-9-1	2.52	0.03	55.7	42.07	0.1	0.17	0.03	0.1	0.07	0.04	0.33	101.14	225.48876	14.40101
SG1-5-1	2.41	0.09	55.77	42.53	0.11	0.28	0.06	0.07	0.06	0.02	0.28	101.69	190.04003	15.34811
SG1-6-1	2.78	0.05	55.28	41.85	0.11	0.31	0.05	0.06	0.05	0.04	0.3	100.9	175.25706	15.34811
SG1-6-2	2.58	-0.01	54.09	40.92	0.1	0.7	0.29	0.05	0.05	0.02	0.1	98.9	163.99854	14.40101
SR1566-13	2.54	0.05	55.82	41.86	0.2	0.3	0	0.04	0.05	0.07	0.19	101.13	162.47594	27.22786
SR1566-14	2.7	0	55.01	42.26	0.12	0.34	0.04	0.05	0.05	-0.04	0.25	100.79	169.92275	16.3575
SR1566-15	2.6	0.04	55.57	41.72	0.12	0.26	0.06	0.05	0.06	0.08	0.24	100.83	197.4231	16.3575
SR1566-16	2.68	0.05	55.65	41.9	0.13	0.26	0.03	0.04	0.05	0.03	0.14	100.97	168.77731	17.43328
SR1566-17	2.6	-0.01	55.54	42.32	0.11	0.24	0	0.06	0.04	0.05	0.16	101.12	132.12892	15.34811
SR1566-18	2.53	0.04	55.54	42.22	0.14	0.28	0.05	0.09	0.06	0.08	0.22	101.28	194.12042	18.5798
SR1566-19	2.58	0.01	55.83	41.93	0.11	0.21	0	0.06	0.05	0.01	0.14	100.94	163.99854	15.34811
SR1566-20	2.66	0.02	55.58	41.67	0.14	0.24	-0.01	0.04	0.05	0.06	0.17	100.64	167.69937	18.5798
SR1583-01	2.61	0.03	55.46	42	0.09	0.13	0	0.09	0.05	0.06	0.17	100.7	165.27824	13.51235
SR1583-02	2.51	0.05	55.46	41.93	0.12	0.2	-0.01	0.11	0.06	0.02	0.2	100.66	193.31049	16.3575
SR1583-03	2.57	0.09	55.22	42.01	0.14	0.45	0.02	0.08	0.05	0.05	0.53	101.22	163.59881	18.5798
SR1583-04	1.59	-0.01	35.26	26.36	0.06	0.82	0.01	0.03	0.4	-0.03	0.02	64.54	1126.61429	11.16207
SR1583-05	2.68	0.03	54.92	41.05	0.1	0.39	0.03	0.06	0.04	0.06	0.45	99.79	135.23724	14.40101
SR1583-06	2.65	0.06	55.25	41.89	0.12	0.23	0	0.08	0.05	0.05	0.17	100.55	167.18465	16.3575
SR1583-07	2.64	0.05	55.74	42.25	0.1	0.21	0.02	0.07	0.04	-0.04	0.15	101.24	133.58642	14.40101
SR1583-08	2.69	0.03	55.48	41.7	0.12	0.21	0	0.05	0.05	0.08	0.18	100.58	169.34137	16.3575
SR1583-09	3.09	-0.01	55.05	41.32	0.15	0.41	0	0.07	0.05	-0.02	0.38	100.47	213.99413	19.80173
SR1583-010	2.51	0.04	55.63	42.16	0.12	0.4	0.03	0.08	0.06	0.01	0.34	101.36	193.31049	16.3575
SR1583-011	2.84	0.01	55.05	41.38	0.11	0.37	0.02	0.06	0.04	0.08	0.25	100.24	144.23955	15.34811
SR1583-012	2.55	0.04	55.44	41.91	0.11	0.27	0.03	0.08	0.06	0.05	0.22	100.78	194.98756	15.34811

Table DR2 (Continued)

SI1583-014	2.56	0.08			55.65	42.08			0.1	0.28	0.01	0.07	0.03	0.03	0.21	101.15	98.34597	14.40101
SI1583-015	2.74	0.01			55.77	42.22			0.08	0.19	0	0.06	0.04	0.05	0.14	101.27	138.12177	12.67852
SI1583-016	2.56	0.07			56.03	41.95			0.12	0.1	0.01	0.08	0.04	0.01	0.15	101.13	130.84705	16.3575
SI1583-017	2.51	0.1			55.55	42.05			0.11	0.23	0.02	0.08	0.04	0.09	0.24	101	129.46851	15.34811
SI1583-018	2.56	0.03			55.47	41.91			0.1	0.25	0.03	0.08	0.05	0.04	0.31	100.81	163.21199	14.40101
SI1583-019	2.6	0.05			55.69	42.18			0.12	0.31	0.01	0.06	0.04	0.08	0.28	101.43	132.12892	16.3575
SI1583-020	2.43	0.03			56.06	42.25			0.09	0.1	0.01	0.06	0.04	0.03	0.07	101.18	127.72142	13.51235
SI1596-01	2.75	0			55.69	42.3			0.01	0.2	0	0.05	0.03	0.02	0.18	101.2	104.12209	8.11772
SI1596-02	2.95	0			55.9	42.01			0.05	0.08	-0.02	0.02	0.02	0.07	-0.04	101.12	76.71459	10.47327
SI1596-03	2.98	0.03			55.92	42.77			0	0.04	-0.01	0.03	0.02	-0.01	-0.01	101.81	78.22439	7.61679
SI1596-04	2.77	0.21			54.42	41.43			0.04	0.26	0.05	0.05	0.05	0.02	0.01	99.43	174.51874	9.82699
SI1596-05	2.92	0.02			56.08	42.9			0.03	0.02	0.04	0.04	0.03	0.01	0.03	102.18	112.98909	9.22058
SI1596-06	3.04	0.02			55.81	42.21			0.03	0.18	-0.03	0.02	0.03	0.01	0.09	101.44	122.68146	9.22058
SI1596-07	2.6	0			54.84	41.56			0	0.71	0.01	0.02	0.04	-0.05	0.75	100.5	132.12892	7.61679
SI1596-08	2.8	0.03			55.88	41.83			0.06	0.16	0	0.05	0.03	-0.03	0.21	101.02	106.28191	11.16207
SI1596-09	2.88	-0.02			55.49	41.58			0.01	0.32	0.02	0.03	0.03	0.05	0.26	100.67	110.4805	8.11772
SI1596-10	3.05	0.03			55.89	42.56			0.01	0.04	0.01	0.06	0.03	0	0.07	101.77	123.67034	8.11772
SI1596-11	2.77	0.05			55.14	41.91			0.01	0.36	0.02	0.06	0.03	-0.04	0.53	100.84	104.9477	8.11772
SI1596-12	2.99	0.01			55.82	41.93			0.04	0.24	0	0.04	0.02	0.02	0.07	101.17	78.75996	9.82699
SI1596-13	3.12	0.06			55.43	41.68			0.04	0.31	0.01	0.03	0.04	0	0.46	101.18	175.83962	9.82699
SI1596-14	2.93	0.01			55.93	42.13			0.02	0.18	0.01	0.04	0.03	0	0.08	101.42	113.66534	8.6516
SI1596-15	3.02	0.02			54.92	41.82			0.02	0.32	0.05	0.03	0.04	0.01	0.38	100.65	161.1936	8.6516
SI1596-16	2.88	0.01			54.73	41.26			0.01	0.77	0.02	0.04	0.04	0.01	0.86	100.69	147.24452	8.11772
SI1596-17	2.78	0.06			55.79	42.56			0.01	0.05	0	0.04	0.03	0.07	0	101.45	105.3793	8.11772
SI1596-18	2.89	0.04			55.61	41.94			0.04	0.14	0.02	0.03	0.05	-0.06	0.16	100.84	185.00992	9.82699
SI1596-19	2.59	0.01			56.06	42.99			0.04	0.07	-0.02	0.03	0.04	0.02	0.01	101.94	131.79263	9.82699
SI1596-20	2.94	0.02			55.09	41.39			0.02	0.57	0	0.04	0.04	0.02	0.57	100.72	152.4907	8.6516
NMQ76-1-1	2.911	0	0.01	0	54.483	39.551	0	0	0.031	0.054	0.061	0.031	0.002	0	0.106	0	7.4989	7.61679
NMQ76-1-2	3.072	0.001	0.009	0	54.521	39.386	0.014	0.01	0.024	0	0.097	0.062	0.006	0	0.097	0	25.11622	8.11772
NMQ76-1-3	3.278	0.033	0.015	0	55.58	41.456	0	0.011	0.043	0.039	0.029	0	0.009	0	0.089	0.013	47.33645	8.16959
NMQ76-1-4	2.977	0	0.005	0.023	55.147	41.121	0	0.013	0.081	0.069	0.143	0	0.007	0	0.16	0	27.31396	8.27433
NMQ76-1-5	2.944	0	0	0	56	41.976	0.006	0.02	0.053	0.018	0.14	0.025	0.009	0	0.126	0	34.39365	8.6516

Table DR2 (Continued)

NMQ76-1-6	3.324	0.076	0.011	0.006	55.71	41.386	0	0.03	0.09	0.039	0.122	0.031	0.008	0	0.093	0	100.926	45.17281	9.22058
NMQ76-1-7	3.098	0	0	0	55.507	41.245	0.006	0.008	0.038	0.084	0.1	0.019	0.013	0	0.077	0.007	100.202	55.70696	8.01497
NMQ76-1-8	2.982	0.02	0	0	55.555	41.833	0	0	0.02	0.054	0.029	0	0.01	0	0.061	0.022	100.616	39.15255	7.61679
NMQ76-1-9	2.88	0.02			55.92	41.99		-0.01	0.04	0.05	0.1		0.02	0.1	0.04		101.12	73.68806	7.14677
NMQ76-1-10	3.22	0.09			55.43	41.84		0.01	0.05	0.03	0.08		0.02	0.09	0.12		100.98	97.7174	8.11772
NMQ76-1-11	2.79	0.04			55.71	42.59		0	0.09	0.05	0.08		0.02	0.05	0.07		101.44	70.62402	7.61679
NMQ76-1-12	2.88	0.05			55.54	41.99		-0.01	0.07	0.02	0.09		0.02	-0.01	0.04		100.71	73.68806	7.14677
NMQ76-1-13	2.89	0.04			55.8	42.16		0.01	0.08	0.05	0.06		0.02	0.11	0.08		101.3	74.08215	8.11772
NMQ76-1-14	2.74	0.06			55.63	42.45		0	0.07	0.03	0.1		0.03	0.12	0.03		101.24	103.72737	7.61679
NMQ76-1-15	2.87	0.05			55.45	41.88		0.01	0.05	0.04	0.11		0.02	0.1	0		100.53	73.68806	8.11772
NMQ76-1-16	3.19	0.08			55.54	42.01		0	0.06	0.08	0.12		0.01	0.05	0.15		101.33	97.7174	7.61679
NMQ76-1-17	2.77	0.06			55.65	42.19		0	0.05	0.08	0.08		0.01	0.04	0.14		101.08	70.62402	7.61679
NMQ76-1-18	3.3	0.04			55.79	42.38		-0.01	0.02	0.04	0.02		0.01	0.05	0.07		101.69	73.68806	7.14677
NMQ76-1-19	2.77	0.04			55.75	41.77		0	0.04	0.02	0.1		0.02	0.03	0.07		100.62	74.08215	7.61679
NMQ76-1-20	2.79	0.09			55.84	42.18		0.01	0.07	0.07	0.08		0.03	0.12	0.11		101.39	103.72737	8.11772
NMQ76-1-21	0.03	-0.02			0.53	0.27		0.09	0.21	0.01	0		1.27	0.03	0.01		2.43	73.30562	13.51235
NMQ76-1-22	2.96	0.11			55.57	41.67		-0.01	0.04	0.06	0.11		0.03	0.11	0.05		100.67	46.99238	7.14677
NMQ76-1-23	2.74	0.02			54.87	41.78		0	0.11	0.06	0.08		0.03	0.01	0		99.65	35.06603	7.61679
NMQ76-1-24	2.93	0.05			55.25	41.83		0	0.33	0	0.09		0.02	0.07	0.09		100.7	54.3884	7.61679
NMQ76-1-25	3.03	0.23			55.31	42.1		0.01	0.05	0.02	0.1		0.09	0	0.08		100.98	70.04745	8.11772
NMQ76-1-26	2.79	0.09			55.54	42.36		0.01	0.11	0.05	0.09		0.01	0.01	0.07		101.1	105.8239	8.11772
NMQ76-1-27	2.73	0.08			55.5	42.53		0	0.02	0.06	0.1		0.02	0.05	0.07		101.19	3328.55997	7.61679
NMQ76-1-28	2.92	0.02			55.86	42.15		0.01	0.01	0.04	0.06		0.01	0.02	0.07		101.15	115.82339	8.11772
NMQ76-1-29	2.8	0.02			55.81	42.23		0.01	0.1	-0.01	0.05		0.01	0.06	0.05		101.1	103.72737	8.11772
NMQ76-1-30	2.77	0.04			55.75	42.39		0.01	0.02	0.05	0.13		0.03	0.01	0.02		101.21	75.78311	8.11772
NMQ76-1-31	2.8	0.1			55.29	41.6		0.03	0.09	0.07	0.15		0.03	0.09	0.15		100.39	367.50203	9.22058
NMQ76-1-32	2.64	0.1			55.61	42.31		0.02	0	0.03	0.12		0.02	0.05	0.06		100.99	35.35058	8.6516
NMQ76-1-33	3.2	0.03			55.87	42.39		0.01	0.01	0.03	0.05		0.01	0.04	-0.04		101.63	68.99241	8.11772
NMQ76-1-34	2.79	0.1			55.47	42.6		0	-0.01	0.03	0.1		0.01	0.06	0.14		101.24	37.67694	7.61679
NMQ76-1-35	2.71	0.07			55.62	41.82		0.02	0.08	0.02	0.09		0.03	0.11	0.07		100.67	35.49932	8.6516
NMQ76-1-36	2.79	0.11			55.55	42.46		0.01	-0.01	0.04	0.14		0.02	0.09	0.11		101.29	104.9477	8.11772
NMQ76-1-37	2.91	0.05			54.61	41.64		0.03	0.02	0.05	0.1		0.03	0.04	0.07		99.59	106.28191	9.22058



Table DR2 (Continued)

ZD15-3-5-12	2.68	0.11			54.26	41.69		0.1	0.07	0.05	0.08	0.13	0.03	0.12	99.34	433.69711	29.01854	
ZD15-3-5-13	2.62	0.03			54.02	41.39		0.04	0.05	0.08	0.09	0.13	0.03	0.12	98.61	424.88056	19.80173	
ZD15-3-5-14	2.76	0.05			54.16	40.7		0.13	0.16	0.08	0.07	0.15	0.07	0.08	98.4	516.28031	15.34811	
ZD15-3-5-15	2.66	0.02			54.46	41.55		0.13	0.16	0.06	0.07	0.1	0.12	0.16	99.5	332.70907	18.5798	
ZD15-3-5-16	2.71	0.11			54.12	41.13		0.33	0.21	0.12	0.09	0.13	0.06	0.14	99.12	438.73763	21.10402	
ZD15-3-4-1	2.66	0.04			54.29	41.48		0.08	-0.04	0.61	0.08	0.14	0.14	0.07	99.53	463.03186	12.67852	
ZD15-3-4-2	2.74	0.09			54.66	41.27		0.16	0.16	0.08	0.05	0.16	0.07	0.19	99.63	545.19631	125.57499	
ZD15-3-4-3	2.72	0.1			54.45	41.64		0.13	0.12	0.06	0.09	0.2	0.1	0.21	99.79	672.93325	16.3575	
ZD15-3-4-4	2.57	0.03			54.78	41.83		0.12	0.18	0.06	0.1	0.07	0.06	0.18	99.97	228.10159	14.40101	
ZD15-3-4-5	2.52	0.04			54.75	41.23		0	0.23	0.07	0.09	0.14	0.06	0.23	99.35	444.2438	9.82699	
ZD15-3-4-6	2.72	0.02			54.53	41.55		0.1	0.16	0.08	0.07	0.16	0.1	0.2	99.66	540.42468	14.40101	
ZD15-3-4-7	2.76	0.04			54.84	41.34		0.14	0.14	0.05	0.07	0.07	0.08	0.22	99.74	242.77763	9.82699	
ZD15-3-4-8	2.62	0.05			54.89	42.04		0.05	0.12	0.1	0.09	0.11	-0.01	0.22	100.27	360.7266	17.43328	
ZD15-3-4-9	2.74	0.07			54.28	41.05		0.12	0.38	0.06	0.06	0.08	0.1	0.19	99.12	274.88141	17.43328	
ZD15-3-4-10	2.66	0.09			54.45	41.72		0.23	0.05	0.05	0.09	0.15	0.09	0.08	99.62	495.40419	62.31899	
ZD15-3-4-11	2.67	0.1			54.71	41.55		0.13	0.1	0.05	0.06	0.17	0.13	0.16	99.85	562.03741	12.67852	
ZD15-3-4-12	2.63	0.08			54.72	41.77		0.09	0.11	0.08	0.08	0.13	-0.01	0.1	99.75	426.24105	21.10402	
ZD15-3-4-13	2.62	0.07			54.62	41.74		0.04	0.01	0.07	0.06	0.13	0.08	0.13	99.56	424.88056	17.43328	
ZD15-3-4-14	2.66	0.04			54.46	41.55		0.09	0.15	0.05	0.08	0.11	0.09	0.22	99.53	365.42102	16.3575	
ZD15-3-4-15	2.62	0.11			54.83	41.28		0.12	0.19	0.05	0.07	0.09	0.09	0.22	99.69	296.16588	7.61679	
WL1411-3-1	4.299	0.03	0.011	0	55.218	40.114	0	0.384	0.376	0.063	0	0.093	0.035	0.024	0.207	0	100.854	87.90136
WL1411-3-2	4.778	0.036	0.013	0.012	55.327	40.551	0.001	0.209	0.273	0.015	0.018	0.019	0.053	0	0.191	0	101.496	28.8343
WL1411-4-2	4.196	0.024	0	0.002	55.298	40.801	0.002	0.207	0.231	0.063	0.025	0.012	0.038	0	0.222	0.027	101.148	28.46931
WL1411-5-1	4.612	0.182	0	0	55.261	38.936	0	0.719	0.588	0.069	0.036	0	0.033	0	0.114	0	100.55	742.46313
WL1411-5-2	4.729	0.013	0	0	55.29	39.853	0.002	0.222	0.179	0.107	0	0	0.043	0	0.112	0.029	100.579	31.32348
WL1411-6-1	4.889	0.172	0.004	0	55.037	38.52	0.001	0.68	0.476	0.033	0	0	0.024	0	0.098	0.016	99.95	579.15235
WL1411-6-2	4.929	0.122	0.002	0.017	54.953	38.694	0.019	0.58	0.6	0	0.061	0.087	0.059	0	0.157	0.074	100.384	306.31773
WL1411-8-1	3.957	0.145	0.021	0	54.993	40.145	0.005	0.439	0.254	0.102	0.036	0	0.03	0.02	0.073	0	100.22	124.7777
WL1411-8-2	4.636	0.003	0	0	54.08	40.564	0	0.163	0.309	0.039	0.064	0.012	0.033	0	0.218	0.004	100.125	21.51116
WL70101	4.538	0.026	0.008	0		40.99	0	0.025	0	0.028	0.108	0	0	0	0	45.723	8.93156	
WL70102	4.555	0.052	0	0	53.363	41.533	0	0.033	0	0.062	0.058	0.009	0	0.011	0	99.676	9.39847	
WL70201	5.542	0.018	0.018	0	52.737	41.103	0	0.056	0	0.041	0.072	0.002	0	0	0	99.589	10.88127	

Table DR2 (Continued)

w/70202	5.511	0.046	0	0	53.156	40.52	0	0.041	0	0	0.065	0.006	0.016	99.361	9.88978
w/70301	4.873	0.025	0.031	0	53.303	40.674	0	0	0	0.032	0.058	0.007	0	99.003	7.61679
w/70302	4.822	0	0.015	0	54.164	40.425	0	0.068	0	0.068	0.094	0.009	0.034	99.699	11.74557
w/70401	4.746	0	0	0	54.504	40.354	0	0.035	0	0.026	0.11	0.001	0	99.776	9.51896
w/70402	4.401	0.049	0.008	0	54.423	40.377	0	0.016	0	0.018	0.087	0.001	0	99.38	8.43396
w/70501	5.838	0.046	0.024	0	52.842	40.186	0	0	0	0.069	0.118	0	0	99.123	7.61679
w/70502	5.88	0.004	0.01	0	52.911	40.691	0.014	0.051	0	0.02	0.095	0.006	0	99.682	10.5402
w/70601	5.614	0.047	0.014	0	52.192	41.072	0.001	0.051	0	0.091	0.104	0.006	0	99.192	10.5402
w/70602	5.589	0.059	0.01	0	53.509	40.207	0.011	0.033	0	0.029	0.068	0.003	0.034	99.552	9.39847
w/70701	4.862	0.011	0	0.005	54.521	40.195	0.013	0.029	0	0.008	0.07	0.005	0	99.719	9.16204
w/70702	4.837	0.03	0.017	0	53.75	40.495	0	0.004	0	0.036	0.079	0	0	99.248	7.81334
w/70801	5.288	0.021	0.025	0	53.358	40.837	0	0.053	0	0.047	0.063	0	0.018	99.71	10.67532
w/70802	4.16	0.007	0.012	0	55.024	40.195	0	0.057	0	0.071	0.114	0	0	99.64	10.9508
w/70901	4.684	0	0.014	0	54.493	40.3	0	0.023	0	0.028	0.096	0	0	99.638	8.8185
w/70902	5.745	0.04	0	0	53.189	40.057	0	0.016	0	0.025	0.096	0.009	0	99.177	8.43396
w/701001	5.069	0	0.019	0	52.843	40.794	0	0.041	0	0.082	0.106	0	0.022	98.976	9.88978
w/701002	5.56	0.037	0.038	0	52.922	40.637	0.001	0.06	0	0.064	0.059	0	0	99.378	11.16207
CB31-1-1	2.961	0.039	0.026	0	54.872	40.057	0	0.076	0.581	0	0.107	0	0.653	99.452	21.78694
CB31-1-2	3.115	0.02	0.01	0.011	54.703	39.849	0	0.083	0.421	0	0.082	0.056	0.647	99.061	25.54768
CB31-2-1	3.604	0	0.003	0.029	54.302	38.581	0	0.085	0.635	0.015	0.075	0	0.812	98.224	10.08057
CB31-2-2	3.641	0.061	0.025	0	54.742	40.831	0.002	0.165	0.366	0	0.05	0.006	0.454	100.48	10.08057
CB31-3-1	3.515	0.041	0.008	0	54.56	40.895	0	0.19	0.427	0.006	0.097	0.056	0.436	100.339	14.12844
CB31-3-2	2.96	0.018	0	0.013	55.506	40.809	0	0.044	0.089	0.009	0.175	0	0.264	99.938	20.18375
CB31-4-1	3.268	0.024	0	0.027	55.218	40.336	0.005	0.044	0.232	0.024	0.061	0	0.39	99.693	12.35958
CB31-4-2	4.455	0.021	0	0	54.162	39.742	0.007	0.097	0.354	0.099	0.122	0.025	0.445	99.598	12.92312
CB31-5-1	4.163	0.08	0.025	0	54.414	39.652	0	0.153	0.482	0.033	0.147	0.025	0.564	99.856	13.0888
CB31-5-2	4.258	0	0	0	54.572	39.687	0.006	0.061	0.542	0	0.007	0	0.703	99.907	11.23339
SG3-1-1	4.572	0.006	0.012	0	55.727	40.393	0.005	0.205	0.077	0.039	0.05	0.093	0.018	101.197	28.10895

Table DR2 (Continued)

SG3-1-2	4.786	0.05	0.011	0.017	55.187	41.019	0	0.195	0.053	0.051	0.039	0	0.023	0	0.026	0.013	101.47	26.37439
SG3-2-1	4.632	0.046	0.014	0	51.136	36.87	0.021	0.376	0.468	0.024	0.025	0.012	0.062	0.062	0.116	0	93.864	83.53451
SG3-3-1	4.662	0.088	0.01	0.011	55.592	40.596	0	0.308	0.196	0.045	0.043	0.056	0.014	0.026	0.15	0	101.797	54.17063
SG3-3-2	4.363	0.074	0	0.01	55.36	39.933	0	0.437	0.329	0.072	0.079	0.062	0.024	0	0.177	0.027	100.947	123.19825
SG3-4-1	5.249	0.156	0	0	54.968	39.251	0.008	0.521	0.414	0.033	0.104	0.019	0.014	0	0.138	0	100.875	210.36134
SG3-4-2	5.354	0.192	0.001	0.005	55.165	38.822	0.03	0.752	0.439	0.072	0.025	0	0.044	0	0.128	0.011	101.04	916.13551
SG3-6-1	4.012	0.012	0.017	0	54.157	40.833	0	0.199	0.209	0.066	0	0	0.024	0	0.173	0.065	99.767	27.05499
SG3-6-2	4.073	0.158	0	0	54.744	40.209	0	0.39	0.133	0.015	0.039	0.062	0.022	0.047	0.12	0.011	100.023	91.32566
SG3-1-1	3.803	0.139	0.022	0.002	54.677	40.948	0.042	0.303	0.329	0.012	0.054	0.019	0.053	0.016	0.191	0	100.61	52.47263
SG3-1-2	5.837	0.128	0.002	0	52.599	39.477	0.001	0.114	0	0.046	0.061	0.012	0.012	0	0	0	98.277	15.74417
SG3-2-1	4.817	0.102	0.012	0	52.109	40.658	0	0.079	0	0.005	0.071	0.007	0.007	0	0	0	97.86	12.58903
SG3-3-1	4.332	0.067	0.005	0	53.95	39.999	0	0.062	0	0	0.103	0.019	0.019	0	0	0	98.537	11.30517
SG3-3-2	5.772	0.142	0.022	0	52.428	39.402	0.008	0.114	0	0.036	0.036	0.001	0.001	0	0	0	97.961	15.74417
SG3-4-1	5.611	0.056	0.003	0	52.232	40.282	0.028	0.05	0	0.017	0.027	0	0	0	0	0	98.306	10.47327
SG3-4-2	5.386	0.05	0	0	52.827	40.184	0	0.037	0	0.001	0.004	0	0	0	0	0	98.489	9.64099
SG3-6-1	4.906	0	0	0	54.151	39.903	0	0.068	0	0	0.083	0.012	0.012	0	0	0	99.123	11.74557
SG3-6-2	4.816	0.039	0.004	0	53.174	40.415	0.01	0.06	0	0.036	0.04	0.029	0.029	0	0	0	98.623	11.16207
sg10502	5.192	0.058	0.06	0	53.286	39.6	0.014	0.077	0	0.497	0.06	0.014	0.014	0.023	0.023	0.023	98.881	12.43856
sg10601	5.698	0.058	0	0	53.071	40.379	0	0.075	0	0.06	0.053	0.009	0.009	0	0	0	99.403	12.28111
sg10602	5.378	0.152	0.005	0	54.19	39.426	0	0.074	0	0.003	0.034	0.011	0.011	0.002	0.002	0.002	99.275	12.20314
sg10701	6.005	0.115	0	0	52.867	39.084	0.011	0.068	0	0.032	0.008	0.025	0.025	0	0	0	98.215	11.74557
sg10702	5.144	0.082	0.013	0	54.066	38.804	0	0.079	0	0.022	0.04	0.019	0.019	0	0	0	98.269	12.58903
sg10801	5.829	0.078	0.01	0	52.763	40.04	0	0.064	0	0.048	0.064	0.011	0.011	0	0	0	98.907	11.4501
sg10802	4.912	0.175	0	0	56.857	35.309	0.003	0.291	1.039	0.007	0.052	0.005	0.005	0	0	0	98.65	48.61142
sg10901	4.979	0.032	0.007	0.005	53.685	40.11	0	0.07	0	0.049	0.034	0.016	0.016	0	0	0	98.987	11.89616
sg10902	4.479	0.014	0	0.003	53.266	40.223	0.001	0.064	0	0.035	0.07	0.007	0.007	0	0	0	98.162	11.4501
sg101001	4.645	0.362	0.011	0	54.603	38.759	0	0.221	0.02	0.014	0.039	0.012	0.012	0	0	0	98.686	31.12461
sg101002	5.164	0.122	0	0	52.892	39.68	0.001	0.075	0	0.084	0.06	0.008	0.008	0	0	0	98.086	12.28111
sg20101	5.397	0.04	0.079	0	52.461	40.022	0	0.027	0	0.079	0.01	0.017	0.017	0	0	0	98.132	9.04607
sg20102	5.671	0.026	0.102	0	52.941	39.515	0	0.033	0	0.116	0	0.021	0.021	0	0	0	98.425	9.39847
sg20201	4.922	0.173	0.032	0	53.96	39.142	0	0.145	0	0.02	0.054	0.014	0.014	0	0	0	98.462	19.18104
sg20202	5.069	0.04	0.02	0	52.817	40.088	0.014	0.068	0	0.067	0.002	0.009	0.009	0.009	0.009	0.009	98.203	11.74557

Table DR2 (Continued)

sg20301	4.208	0.121	0.002	0	56.322	37.605	0.015	0.115	0	0.006	0.03	0.007	0	98.431	15.84477			
sg20302	4.624	0.133	0.007	0	54.344	38.829	0	0.107	0	0.081	0.033	0.015	0	98.173	15.05762			
sg20401	5.074	0.032	0	0	53.048	40.408	0	0.087	0	0.002	0.02	0.012	0	98.683	13.2566			
sg20402	5.416	0.064	0.034	0	52.718	40.166	0	0.062	0	0.067	0	0.012	0	98.539	11.30517			
sg20501	5.956	0.206	0	0	52.398	39.374	0.002	0.097	0.01	0.061	0.018	0.011	0	98.133	14.12844			
sg20502	6.076	0.05	0.018	0	52.544	39.642	0.016	0.085	0	0.113	0.05	0.017	0	98.611	13.0888			
sg20601	4.592	0.103	0.003	0	52.947	40.24	0.023	0.054	0	0.038	0.036	0.031	0	98.067	10.74354			
sg20602	4.443	0.097	0	0	53.71	39.655	0.012	0.087	0	0	0.067	0.022	0	98.093	13.2566			
sg20701	5.858	0.104	0.022	0	53.778	38.729	0.02	0.087	0	0.069	0	0.02	0	98.687	13.2566			
sg20702	5.13	0.051	0.012	0	52.546	40.044	0	0.091	0	0	0.053	0.005	0	97.932	13.59869			
SG3-8-1	5.396	0.051	0.017	0	52.865	40.97	0.008	0.015	0	0.027	0.009	0.01	0	99.368	8.38041			
SG3-8-2	4.835	0	0.002	0	53.197	40.559	0.005	0.046	0	0.028	0.041	0.013	0	98.726	10.20981			
SG3-9-1	5.572	0.106	0.071	0.01	52.896	39.225	0.012	0.085	0	0.065	0.008	0.024	0.016	98.09	13.0888			
SG1-5-1	5.962	0.071	0.009	0	52.856	39.204	0	0.112	0	0.176	0.062	0.006	0	98.458	15.54488			
SG1-6-1	6.187	0.031	0.015	0.005	51.883	39.953	0	0.079	0	0.015	0.055	0.014	0	98.237	12.59803			
SG1-6-2	5.82	0	0.015	0	51.882	40.465	0.006	0.029	0	0.049	0.034	0.028	0	98.328	9.16204			
Lh010101	3.215	0.179	0.059	0.002	54.029	41.671	0.017	0.365	0.113	0.078	0.054	0.057	0.077	0.039	0.011	99.966	280.50512	
Lh010102	3.178	0.148	0.024	0.019	54.439	40.485	0.01	0.299	0.095	0.131	0.104	0.064	0.154	0.146	0	99.296	301.48021	
Lh010201	3.594	0.118	0.1	0.023	54.856	40.683	0.022	0.406	0.228	0.165	0.025	0.075	0.025	0.144	0.004	100.468	1143.01866	
Lh010202	3.334	0.145	0.06	0.018	55.226	40.304	0.007	0.247	0.171	0.129	0.004	0.073	0	0.022	0.009	99.761	437.83804	
Lh010301	2.465	0.039	0.063	0.011	54.566	41.12	0.008	0.03	0.032	0.132	0	0.07	0.036	0.202	0.025	98.819	223.08921	
Lh010302	2.882	0.057	0.123	0	54.556	40.872	0	0.037	0.003	0.18	0.032	0.083	0.036	0.137	0	99.01	305.46829	
Lh010401	2.517	0.101	0.043	0.016	56.004	40.173	0.01	0.109	0.006	0.123	0.022	0	0.097	0.069	0.117	0	99.407	310.40927
Lh010402	2.68	0.114	0.076	0	55.268	41.302	0.006	0.136	0.008	0.244	0.025	0	0.124	0.09	0.151	0	100.224	414.01841
Lh010501	3.414	0.131	0.128	0	54.319	40.592	0.003	0.329	0.253	0.241	0.086	0.038	0.078	0.075	0.069	0	99.756	562.42463
Lh010502	3.327	0.08	0.069	0.007	54.498	39.875	0	0.229	0.124	0.171	0.076	0.062	0.059	0.081	0.009	98.692	364.13505	
Lh10101	3.864	0.12	0.196	0	53.942	40.12	0.006	0.05	0	0.203	0.053	0.028	0	0.535	0.009	99.126	10.47327	
Lh10102	5.808	0.222	0.032	0	52.584	39.643	0	0.123	0	0.057	0.048	0.02	0	0.509	0	99.046	16.67307	
Lh10201	4.889	0.135	0.075	0	53.76	39.518	0	0.087	0	0.187	0.075	0.032	0	0.708	0	99.466	13.2566	
Lh10202	5.364	0.145	0.01	0	53.064	40.241	0	0.09	0	0.082	0.065	0	0	0.818	0.007	99.886	13.51235	
Lh10301	4.852	0.181	0.074	0.016	52.428	40.062	0	0.044	0	0.267	0.099	0.047	0	0.763	0	98.833	10.08057	
Lh10302	4.612	0.128	0.083	0	52.733	40.004	0.002	0.077	0	0.166	0.103	0.025	0	0.894	0.025	98.852	12.43856	

Table DR2 (Continued)

Ih10401	4.828	0.088	0.056	0	53.934	40.036	0	0.023	0	0.222	0	0.064	0	0.668	0.018	99.935	8.8185	
Ih10402	4.56	0.034	0.063	0	52.57	40.398	0	0.008	0	0.186	0.023	0.099	0	0.78	0	98.721	8.01497	
Ih10501	4.527	0.215	0.178	0	53.755	39.923	0.024	0.035	0	0.224	0.057	0.031	0	0.433	0	99.402	9.51896	
Ih10502	5.488	0.111	0.062	0	53.545	39.772	0.011	0.081	0	0.109	0.048	0.034	0.016	0.508	0.007	99.792	12.75954	
Ih10601	4.545	0.136	0.062	0.004	54.91	38.204	0	0.11	0	0.145	0.043	0.028	0	0.481	0	98.668	15.34811	
Ih10602	4.945	0.073	0.018	0	54.392	39.759	0.032	0.006	0	0.04	0.038	0.026	0	0.456	0.009	99.794	7.91351	
Ih10701	4.465	0.199	0.042	0	54.644	38.533	0.005	0.124	0.136	0.04	0.064	0.012	0	0.643	0	98.907	16.77961	
Ih10702	5.105	0.051	0.32	0	52.288	40.309	0.006	0.044	0	0.255	0.013	0.009	0	0.638	0.064	99.102	10.08057	
Ih10801	4.633	0.108	0.217	0.002	53.917	39.939	0	0.031	0	0.204	0	0.015	0	0.55	0.004	99.62	9.2795	
Ih10802	4.27	0.092	0.223	0	53.752	39.973	0	0.052	0	0.149	0.05	0.045	0	0.508	0	99.114	10.60755	
Ih10901	5.029	0.121	0.119	0	54.06	39.591	0	0.05	0	0.193	0.09	0.039	0	0.394	0.034	99.72	10.47327	
Ih10902	4.374	0.158	0.109	0	53.853	39.562	0	0.083	0	0.195	0.068	0.014	0	0.37	0.039	98.825	12.92312	
Ih101001	5.065	0	0.03	0	53.17	40.052	0.005	0	0	0.115	0	0.022	0	0.384	0.043	98.886	7.61679	
Ih101002	4.148	0.02	0.023	0	52.906	40.833	0	0.004	0	0.097	0	0.026	0	0.442	0	98.499	7.81334	
Lh020101	3.8	0.056	0.042	0.007	54.718	41.079	0.018	0.04	0.027	0.165	0	0	0.159	0	0.012	0	100.123	9.82699
Lh020102	3.948	0.106	0.06	0.007	54.591	41.195	0.022	0.07	0.041	0.105	0.032	0.006	0.305	0	0.052	0.009	100.549	11.88616
Lh020201	4.923	0.156	0.055	0	55.12	40.125	0.027	0.285	0.297	0.111	0.101	0.006	0.058	0.02	0.154	0	101.438	46.78871
Lh020202	4.821	0.247	0.032	0	54.093	40.551	0	0.337	0.053	0.051	0.076	0	0.022	0.071	0.141	0	100.495	65.16042
Lh020301	4.328	0.071	0.069	0	54.072	40.822	0	0.204	0.052	0.174	0	0	0.099	0.062	0.107	0	100.06	27.93048
Lh020302	4.291	0.08	0.065	0	54.489	41.165	0.017	0.111	0.046	0.054	0	0.031	0.214	0.08	0.172	0.034	100.849	15.44618
Lh020401	4.323	0.222	0.045	0.014	54.323	40.062	0.055	0.222	0.056	0.132	0.036	0	0.112	0	0.022	0.018	99.642	31.32348
Lh020402	4.662	0.146	0.04	0	54.762	39.845	0.009	0.309	0.258	0.114	0.014	0	0.116	0.024	0.107	0.007	100.413	54.51676
Lh020501	4.729	0.178	0.06	0	55.031	40.19	0	0.516	0.31	0.108	0	0	0.079	0.055	0.04	0.011	101.307	203.76749
Lh020502	4.633	0.106	0.05	0	54.437	39.768	0	0.234	0.137	0.093	0.068	0	0.097	0.149	0.156	0.007	99.935	33.81151
Ih20101	4.921	0.062	0.034	0	52.86	40.668	0	0.004	0	0.157	0.049	0.073	0	0.548	0.047	99.423	7.81334	
Ih20102	4.463	0.039	0.041	0	52.236	40.847	0	0.006	0	0.206	0.031	0.094	0	0.571	0.017	98.551	7.91351	
Ih20201	5.46	0.169	0.055	0	54.26	39.244	0.003	0.077	0	0.122	0.06	0.053	0	0.497	0	100	12.43856	
Ih20202	4.24	0.169	0.075	0	54.138	40.511	0	0.077	0	0.171	0.071	0.095	0	0.477	0.004	100.028	12.43856	
Ih20301	3.004	0.039	0.04	0	54.811	39.902	0.008	0.002	0	0.205	0.066	0.315	0	0.222	0	98.614	7.71444	
Ih20302	2.9	0.055	0.051	0.001	55.534	40.436	0	0.01	0	0.186	0.064	0.339	0	0.238	0	99.814	1280.24353	
Ih20401	4.927	0.169	0.144	0	53.894	39.528	0.007	0.083	0	0.171	0.04	0.048	0	0.373	0	99.384	12.92312	
Ih20501	6.086	0.279	0.018	0	53.202	38.744	0	0.21	0.377	0.076	0.031	0.036	0	0.361	0.064	99.484	29.01854	



Table DR2 (Continued)

dy17059-sus-12-38-11-1-1	2.506	0.083	0.01	0.016	55.338	41.189	0	0.156	0.07	0.114	0.069	0.037	0.481	0	0.096	0	100.165	1435.06391	20.57313
dy17059-sus-12-38-11-1-2	2.33	0.132	0	0.007	55.072	41.33	0	0.344	0.076	0.06	0.126	0	0.49	0	0.11	0	100.077	1381.55331	68.1314
dy17059-sus-12-38-11-2-1	2.189	0.04	0.016	0.001	55.119	40.751	0	0.107	0.108	0.032	0.111	0	0.495	0	0.079	0	99.048	1356.08916	15.05762
dy17059-sus-12-38-11-2-2	2.342	0.091	0.026	0.004	55.278	40.728	0.001	0.386	0.1	0.12	0	0	0.503	0	0.041	0	99.62	1418.74063	89.02828
dy17059-sus-12-38-11-3-1	2.792	0.029	0.005	0	55.105	40.481	0.012	0.139	0.102	0.051	0.061	0.053	0.418	0	0.11	0	99.358	1460.49679	18.46184
dy17059-sus-12-38-11-3-2	2.447	0.048	0.016	0	55.132	40.955	0.008	0.099	0.073	0.016	0.004	0.021	0.417	0	0.079	0	99.315	1230.70315	14.30957
dy17059-sus-12-38-11-4-1	2.324	0.046	0.026	0	55.156	39.964	0	0.132	0.129	0.076	0.023	0.074	0.492	0	0.033	0	98.475	1384.61451	17.55678
dy17059-sus-12-38-11-4-2	2.137	0.05	0.023	0	55.052	40.891	0	0.13	0.1	0.076	0.065	0	0.502	0	0.106	0.007	99.139	1362.9036	17.43328
dy17059-sus-12-38-11-5-1	2.797	0.081	0.058	0.014	54.972	40.218	0	0.15	0.118	0.13	0.115	0.021	0.498	0	0.155	0	99.327	1759.31468	19.80173
dy17059-sus-12-38-11-5-2	2.524	0.029	0.018	0	54.922	40.373	0	0.135	0.088	0.041	0.111	0.032	0.494	0	0.143	0.028	98.938	1482.32915	17.99741
dy17059-sus-12-38-11-6-1	3.181	0.078	0.032	0	55.07	39.873	0.001	0.211	0.117	0.06	0.046	0	0.501	0	0.075	0.012	99.257	3136.75256	29.20396
dy17059-sus-12-38-11-6-2	3.254	0.057	0.022	0	55.005	40.027	0	0.148	0.13	0.051	0.103	0	0.506	0	0.039	0.009	99.351	4000.08778	19.55108
dy17059-sus-12-38-11-7-1	2.911	0.31	0.014	0	54.652	39.293	0	0.931	0.219	0.098	0.073	0	0.659	0	0.083	0.007	99.25	2749.21278	2864.90846
dy17059-sus-12-38-11-7-2	2.82	0.066	0.05	0.005	54.91	39.944	0.003	0.144	0.073	0.07	0.103	0.016	0.604	0	0.063	0	98.871	2218.23187	19.05926
dy17059-sus-12-38-11-8-1	2.54	0.047	0.037	0.078	54.82	41.26	0	0.124	0.117	0.041	0.084	0	0.448	0	0.088	0.024	99.708	1360.19945	16.77961
dy17059-sus-12-38-11-8-2	2.478	0.087	0.021	0	55.257	40.535	0.014	0.196	0.074	0.051	0.126	0.048	0.45	0	0.11	0	99.447	1334.4392	26.54292
dy17059-sus-12-38-11-9-1	2.711	0.037	0.011	0	54.982	41.096	0	0.138	0.13	0.092	0.088	0.042	0.49	0	0.126	0.019	99.962	1623.6026	18.34462
dy17059-sus-12-38-11-9-2	2.508	0.037	0.016	0	55.127	40.877	0	0.125	0.07	0	0	0	0.481	0	0.055	0	99.296	1436.18749	16.88682
dy17059-sus-12-38-11-10-1	2.379	0.303	0.017	0.004	54.69	40.889	0	0.867	0.189	0.092	0.008	0.053	0.537	0	0.124	0	100.152	1520.73352	1905.78327
dy17059-sus-12-38-11-10-2	2.511	0.099	0.006	0	54.668	40.881	0.024	0.115	0.062	0.047	0.011	0.021	0.481	0	0.059	0.033	99.018	1437.88547	15.84477
dy17059-sus-12-38-11-11-1	2.723	0.057	0.022	0	54.775	40.38	0	0.161	0.091	0.019	0.126	0.005	0.469	0	0.124	0	98.952	1565.55413	21.23887
dy17059-sus-12-38-11-11-2	2.997	0.057	0.012	0.001	55.052	40.978	0.006	0.144	0.073	0.13	0.153	0	0.485	0	0.028	0	100.116	2116.07895	19.05926
dy17059-sus-12-38-11-12-1	2.932	0.006	0.02	0.016	55.19	41.32	0.007	0.136	0.059	0.003	0.142	0	0.507	0	0.035	0	100.373	2051.97734	18.11241
dy17059-sus-12-38-11-12-2	3.079	0.136	0.028	0	55.178	39.979	0	0.439	0.123	0.152	0.195	0	0.511	0	0.071	0.009	99.9	2578.03659	124.7777
dy17059-sus-12-38-11-12-3	3.21	0.098	0.017	0	55.191	40.991	0	0.301	0.104	0.13	0.145	0.026	0.51	0	0.108	0.026	100.857	3502.9432	51.80843
dy17059-sus-12-38-11-12-4	3.131	0.06	0.046	0	55.012	40.974	0.004	0.122	0.101	0.089	0.096	0.053	0.52	0	0.12	0.024	100.352	2938.50024	16.56721
dy17059-sus-12-38-11-13-1	2.789	0.28	0.022	0.003	54.07	40.775	0.035	0.53	0.103	0.066	0.149	0	0.527	0	0.071	0	99.42	1855.89151	222.77261
dy17059-sus-12-38-11-13-2	2.887	0.033	0.023	0	54.987	41.481	0.017	0.139	0.063	0.108	0.126	0	0.496	0	0.073	0	100.433	1903.87468	18.46184
dy17059-sus-12-346-5-11-1-1	1.715	0.166	0.06	0.016	54.263	39.599	0.032	0.178	0.093	0.152	0.042	0.005	1.553	0	0.145	0.009	98.028	3031.02561	23.66775
dy17059-sus-12-346-5-11-1-2	1.61	0.126	0.068	0.01	54.678	41.04	0.001	0.145	0.039	0.136	0.08	0	1.553	0	0.183	0	99.669	2971.57431	19.18104
dy17059-sus-12-346-5-11-2-1	1.936	0.093	0.046	0.009	54.734	40.395	0	0.169	0.139	0.149	0.149	0.042	1.534	0	0.171	0.019	99.585	3214.87097	22.34915
dy17059-sus-12-346-5-11-2-2	2.145	0.127	0.034	0.015	55.022	40.478	0.017	0.123	0.086	0.114	0.134	0	1.371	0	0.147	0.017	99.83	3211.57578	16.67307

Table DR2 (Continued)

dy17059-sus-12-346.5-11-3-1	1.812	0.165	0.048	0.003	55.046	40.616	0	0.227	0.098	0.183	0.134	0.058	1.556	0	0.185	0	100.131	3112.68338	32.3371
dy17059-sus-12-346.5-11-3-2	1.845	0.134	0.048	0	54.914	40.813	0.014	0.146	0.082	0.259	0.138	0	1.512	0	0.245	0.002	100.152	3078.33065	19.3036
dy17059-sus-12-346.5-11-4-1	1.787	0.122	0.039	0.007	54.791	41.043	0	0.211	0.085	0.192	0.08	0	1.471	0	0.159	0	99.987	2970.56833	29.20396
dy17059-sus-12-346.5-11-4-2	1.784	0.111	0.05	0	54.998	40.842	0.011	0.179	0.083	0.139	0.034	0.042	1.432	0	0.224	0	99.929	2913.64107	23.81898
dy17059-sus-12-346.5-11-4-3	1.873	0.14	0.053	0	55.044	41.477	0.009	0.172	0.074	0.079	0.161	0	1.417	0	0.147	0	100.646	2956.07069	22.78031
dy17059-sus-12-346.5-11-4-4	1.64	0.148	0.049	0	55.136	40.852	0.004	0.17	0.077	0.136	0.096	0	1.423	0	0.212	0.038	99.981	2828.85779	22.49196
dy17059-sus-12-346.5-11-5-1	1.867	0.145	0.046	0	55.041	40.406	0.002	0.315	0.102	0.183	0.142	0	1.466	0	0.155	0	99.87	3028.55815	56.64053
dy17059-sus-12-346.5-11-5-2	1.832	0.114	0.053	0	54.837	40.517	0.007	0.177	0.061	0.152	0.088	0	1.476	0	0.128	0	99.442	3012.89033	23.51748
dy17059-sus-12-346.5-11-6-1	2.334	0.158	0.083	0.01	55.163	40.289	0.019	0.243	0.08	0.193	0.073	0.005	1.594	0	0.206	0	100.45	4475.34066	35.80638
dy17059-sus-12-346.5-11-6-2	2.021	0.152	0.048	0	54.34	40.097	0.025	0.132	0.108	0.082	0.161	0.021	1.546	0	0.171	0	98.904	3363.84732	17.65678
dy17059-sus-12-346.5-11-7-1	1.817	0.149	0.056	0.003	54.808	40.299	0	0.184	0.154	0.177	0.161	0.005	1.589	0	0.236	0	99.638	3165.88489	24.58976
dy17059-sus-12-346.5-11-7-2	1.875	0.16	0.1	0.004	54.528	40.551	0.028	0.207	0.082	0.209	0.161	0	1.611	0	0.165	0.028	99.709	3265.22077	28.46931
dy17059-sus-12-346.5-11-8-1	1.747	0.143	0.045	0	54.72	39.352	0.009	0.203	0.097	0.155	0.138	0	1.519	0	0.118	0	98.246	3008.19277	27.75314
dy17059-sus-12-346.5-11-8-2	1.815	0.137	0.078	0.012	54.97	39.451	0	0.198	0.083	0.174	0.149	0.016	1.535	0	0.147	0	98.765	3084.81968	26.88321
dy17059-sus-12-346.5-11-9-1	1.707	0.239	0.076	0	54.456	40.008	0	0.551	0.082	0.234	0.088	0	1.64	0	0.128	0	99.209	3137.30982	254.65496
dy17059-sus-12-346.5-11-9-2	1.685	0.171	0.076	0	54.501	39.846	0.007	0.151	0.1	0.228	0.111	0	1.537	0	0.198	0.028	98.639	2991.64112	19.92826
dy17059-sus-12-346.5-11-10-1	1.688	0.104	0.056	0	55.074	39.286	0.001	0.164	0.103	0.104	0.207	0.074	1.616	0	0.208	0.007	98.692	3092.60799	21.64861
dy17059-sus-12-346.5-11-10-2	1.642	0.09	0.062	0	55.18	39.836	0	0.159	0.105	0.24	0.111	0	1.575	0	0.077	0	99.077	3013.63062	20.97003
dy17059-sus-12-346.5-11-11-1	2.145	0.112	0.07	0	54.801	40.17	0.003	0.142	0.122	0.155	0.126	0	1.553	0	0.196	0	99.595	3638.53097	18.818
dy17059-sus-12-346.5-11-11-2	2.154	0.108	0.066	0	54.829	40.47	0	0.108	0.06	0.092	0.015	0	1.562	0	0.145	0	99.609	3684.73317	15.15383
dy17059-sus-12-346.5-11-12-1	2.01	0.119	0.071	0.013	55.037	39.447	0.005	0.235	0.099	0.19	0.103	0	1.62	0	0.098	0.002	99.049	3491.92827	34.02756
dy17059-sus-12-346.5-11-12-2	1.784	0.119	0.063	0	55.074	40.579	0	0.241	0.082	0.215	0.153	0	1.606	0	0.149	0	100.065	3158.20899	35.35314
dy17059-sus-12-346.5-11-13-1	2.254	0.097	0.066	0.008	54.974	40.478	0	0.188	0.108	0.199	0.134	0	1.535	0	0.185	0	100.226	3912.68962	25.22429
dy17059-sus-12-346.5-11-13-2	2.263	0.132	0.082	0	55.03	39.802	0.004	0.16	0.098	0.155	0.13	0	1.51	0	0.136	0	99.502	3865.25041	21.10402
dy17059-sac-11-1-1	2.686	0.093	0.034	0	54.434	40.705	0.004	0.171	0.065	0.101	0.076	0	1.272	0	0.143	0	99.784	5230.76094	22.63568
dy17059-sac-11-1-2	2.74	0.125	0.02	0.003	54.55	41.673	0	0.174	0.098	0.136	0.103	0	1.208	0	0.151	0.007	100.988	5279.37123	23.07237
dy17059-sac-11-2-1	2.937	0.102	0.058	0	54.665	40.476	0	0.157	0.089	0.152	0.103	0	1.103	0	0.126	0	99.968	7465.88616	20.97003
dy17059-sac-11-2-2	2.77	0.147	0.038	0.003	55.421	40.951	0	0.14	0.036	0.164	0.153	0	1.04	0	0.09	0	100.953	4255.55515	23.07237
dy17059-sac-11-3-1	2.623	0.093	0.002	0.007	55.033	39.901	0.002	0.141	0.059	0.095	0.111	0	1.121	0	0.11	0	99.298	3824.72589	18.5798
dy17059-sac-11-3-2	2.692	0.139	0.04	0	54.558	40.055	0	0.157	0.097	0.186	0.18	0	1.168	0	0.106	0	99.378	4518.94376	21.78694
dy17059-sac-11-3-3	2.717	0.059	0.014	0	55.175	41.036	0	0.128	0.104	0.145	0.088	0.048	1.254	0	0.061	0	100.829	5424.24123	16.3575
dy17059-sac-11-3-4	2.751	0.065	0.044	0	54.967	41.585	0	0.174	0.064	0.082	0.008	0.053	1.19	0	0.063	0	101.046	5244.52557	19.05926

Table DR2 (Continued)

dy17059-sac-11-4-1	2.68	0.07	0.049	0.011	54.476	40.691	0	0.165	0.113	0.171	0.199	0.032	1.135	0	0.153	0	99.945	4226.0369	13.51235
dy17059-sac-11-4-2	2.779	0.069	0.035	0	54.941	41.31	0	0.12	0.064	0.19	0.073	0	1.248	0	0.13	0	100.959	6246.59001	18.34462
dy17059-sac-11-5-1	2.578	0.106	0.046	0	54.807	40.201	0.001	0.144	0.103	0.111	0.08	0.011	1.279	0	0.159	0.024	99.65	4383.98471	24.58976
dy17059-sac-11-5-2	3.24	0.112	0.029	0	55.059	40.088	0.012	0.09	0.057	0.18	0.145	0.016	1.32	0	0.116	0	100.464		22.49196
dy17059-sac-11-6-1	2.936	0.092	0.026	0	55.47	40.876	0	0.138	0.08	0.035	0.165	0	1.201	0	0.086	0.017	101.122	10067.82998	18.69852
dy17059-sac-11-6-2	3.35	0.162	0.045	0	54.193	40.053	0.004	0.184	0.126	0.111	0.149	0.064	0.996	0	0.114	0	99.551		20.70459
dy17059-sac-11-7-1	3.105	0.16	0.03	0	54.317	40.425	0	0.17	0.077	0.101	0.103	0	1.117	0	0.137	0	99.742	33801.40835	17.21261
dy17059-sac-11-7-2	3.098	0.121	0.061	0	54.736	40.572	0.009	0.135	0.082	0.212	0.122	0.064	1.065	0	0.01	0	100.287	18502.48989	23.07237
dy17059-sac-11-8-1	3.648	0.07	0.034	0.003	54.78	40.511	0	0.155	0.11	0.142	0.218	0.016	1.123	0	0.075	0	100.885		17.99741
dy17059-sac-11-8-2	3.469	0.068	0.035	0	54.836	39.637	0.005	0.173	0.077	0.171	0.134	0	0.974	0	0.122	0	99.701		20.70459
dy17059-sac-11-9-1	3.159	0.165	0	0	54.702	40.932	0.003	0.204	0.103	0.133	0.073	0	1.229	0	0.122	0	100.825		20.44251
dy17059-sac-11-9-2	3.012	0.123	0.035	0	54.55	40.767	0	0.159	0.081	0.098	0.099	0	1.357	0	0.13	0.017	100.428	382126.9528	22.92588
dy17059-sac-11-10-1	2.893	0.14	0.053	0.001	54.477	39.91	0	0.155	0.111	0.164	0.103	0	1.344	0	0.122	0	99.473	13401.74838	27.93048
dy17059-sac-11-10-2	3.191	0.143	0.047	0	54.605	39.712	0	0.142	0.13	0.111	0.115	0	1.298	0	0.159	0.012	99.665		20.97003
dy17059-sac-11-11-1	3.28	0.076	0.018	0	55.528	40.161	0.01	0.156	0.076	0.107	0.054	0.058	0.889	0	0.202	0	100.615	-257243.6823	20.44251
dy17059-sac-11-11-2	3.275	0.087	0.069	0.004	55.506	40.538	0	0.14	0.059	0.133	0.096	0.053	0.944	0	0.071	0	100.975		18.818
dy17059-sac-11-12-1	3.257	0.12	0.061	0.012	54.462	41.363	0.004	0.159	0.054	0.12	0.065	0	1.162	0	0.21	0	101.049		20.57313
dy17059-sac-11-12-2	3.013	0.1	0.011	0	54.769	41.805	0	0.174	0.063	0.161	0.084	0.079	1.286	0	0.071	0	101.616	37999.88443	18.5798
dy17059-mad-11-1-1	3.233	0.079	0	0	55.857	40.837	0.004	0.053	0.039	0	0.038	0.016	0.373	0	0.077	0	100.606	2325.94799	10.67532
dy17059-mad-11-1-2	3.185	0.036	0	0.017	55.568	40.078	0	0.068	0.014	0.041	0.119	0.026	0.4	0	0.077	0	99.629	2291.07217	11.74557
dy17059-mad-11-2-1	3.298	0.146	0.11	0	53.831	39.862	0	0.182	0.052	0.309	0.245	0	1.84	0	0.127	0.031	100.033		24.2785
dy17059-mad-11-2-2	2.939	0.148	0.142	0.012	54.014	39.883	0	0.145	0.039	0.351	0.367	0	1.866	0	0.149	0	100.055		19.18104
dy17059-mad-11-3-1	3.631	0.043	0.005	0.006	55.345	40.009	0.005	0.045	0.011	0.032	0	0.053	0.181	0	0.061	0	99.427	9199.54159	10.14499
dy17059-mad-11-3-2	3.971	0.074	0.006	0.006	55.507	40.281	0.023	0.033	0.041	0.025	0.015	0.011	0.179	0	0.083	0.057	100.312		9.39847
dy17059-mad-11-4-1	2.899	0.147	0.117	0	53.638	39.442	0.008	0.151	0.014	0.281	0.275	0	1.831	0	0.125	0	98.928		19.92826
dy17059-mad-11-4-2	3.112	0.189	0.093	0	54.09	40.381	0.012	0.153	0.048	0.29	0.283	0	1.775	0	0.131	0	100.557		20.18375
dy17059-mad-11-5-1	4.021	0.042	0.001	0	55.572	40.372	0	0.027	0.028	0.006	0	0.016	0.254	0	0.071	0	100.41		9.04607
dy17059-mad-11-5-2	3.145	0.078	0	0	54.951	40.161	0.017	0.076	0.041	0	0.008	0.011	0.295	0	0.053	0.052	98.888	1462.30005	12.35958
dy17059-mad-11-6-1	3.073	0.194	0.095	0	53.989	40.474	0	0.193	0.038	0.313	0.317	0.048	1.873	0	0.167	0	100.774		26.04054
dy17059-mad-11-6-2	2.736	0.509	0.114	0	53.161	40.782	0.116	0.211	0.051	0.199	0.317	0	1.877	0	0.118	0	100.191	-251893.0341	29.20396
dy17059-mad-11-6-3	2.569	0.21	0.101	0	53.488	40.976	0.038	0.242	0.041	0.325	0.34	0.026	1.907	0	0.125	0.009	100.397	14436.69227	35.57904
dy17059-mad-11-7-1	3.108	0.123	0.041	0	54.499	39.791	0.014	0.147	0.034	0.284	0.363	0	1.544	0	0.084	0	100.032		19.42695

Table DR2 (Continued)

dy17059-mad-11-7-2	2.876	0.155	0.108	0.011	54.481	39.659	0.02	0.169	0.037	0.3	0.302	0.063	1.89	0	0.108	0	100.179	22.34915
dy17059-mad-11-10-1	2.599	0.179	0.111	0	53.769	39.039	0	0.15	0.062	0.407	0.214	0	1.889	0	0.071	0	98.49	1.6529,03195
dy17059-mad-11-10-2	2.89	0.158	0.115	0	54.108	39.46	0	0.147	0.038	0.338	0.363	0	1.85	0	0.151	0.009	99.627	19.42695
SUS131-1-2	3.263	0.006	0.039	0.018	54.366	41.269	0	0	0.18	0.087	0.125	0	0.477	0	0.299	0	100.129	3712.53663
SUS131-1-3	3.104	0.011	0.022	0.014	54.763	41.08	0	0.058	0.107	0.066	0.057	0	0.452	0	0.238	0	99.972	2294.30397
SUS131-1-4	2.915	0.003	0.028	0.001	55.069	40.559	0.015	0.094	0.09	0.072	0.068	0.012	0.454	0	0.085	0.011	99.476	1776.53913
SUS131-1-5	2.933	0.05	0.032	0.011	54.143	41.928	0.006	0.191	0.186	0.057	0.097	0	0.457	0	0.262	0	100.353	1824.69694
SUS131-1-6	3.094	0.007	0.022	0.014	54.216	41.444	0.003	0.059	0.212	0.161	0.157	0.037	0.433	0	0.362	0	100.221	2134.17609
SUS131-1-7	2.728	0.039	0.04	0.011	54.124	41.201	0.002	0.131	0.166	0.072	0.021	0	0.487	0	0.344	0	99.366	1632.04289
SUS131-1-8	2.578	0.109	0.027	0.004	54.077	40.428	0.001	0.333	0.198	0.087	0.093	0	0.505	0	0.189	0	98.629	1551.03099
SUS131-1-9	2.607	0	0.023	0.017	55.532	41.138	0	0.067	0.162	0.105	0.064	0.05	0.364	0	0.238	0	100.367	1146.97838
SUS131-1-10	2.619	0.073	0.032	0	55.378	40.867	0	0.074	0.196	0.099	0.036	0.006	0.354	0	0.3	0.02	100.054	1122.39936
SUS131-1-11	2.24	0.15			53	40.03		0.28	0.58	0.13	0.12		0.67	0.12	0.8		98.13	1781.07349
SUS131-1-12	2.3	0.13			53.72	40.88		0.29	0.34	0.15	0.09		0.62	0.19	0.49		99.17	1690.70846
SUS131-1-13	2.27	0.23			53.4	40.13		0.46	0.32	0.15	0.07		0.67	0.16	0.4		98.25	1795.09545
SUS131-1-14	2.28	0.1			53.26	40.29		0.17	0.52	0.14	0.07		0.65	0.14	0.8		98.42	1752.88933
SUS131-1-15	2.25	0.17			53.47	40.22		0.34	0.6	0.14	0.09		0.66	0.22	0.86		99.02	1762.44867
SUS131-1-16	2.49	0.09			53.8	40.49		0.15	0.44	0.13	0.12		0.56	0.18	0.79		99.26	1644.79625
SUS131-1-17	2.4	0.12			53.27	40.3		0.19	0.5	0.12	0.11		0.61	0.13	0.89		98.67	1719.43774
SUS131-1-18	2.17	0.13			53.47	40.49		0.26	0.52	0.15	0.11		0.66	0.25	0.73		98.95	1731.07563
MAD1-5-1-1	2.29	0.27			53.72	40.1		0.53	0.41	0.11	0.11		0.65	0.09	0.43		98.74	1757.73635
MAD1-5-1-2	2.32	0.28			53.33	40.96		0.66	0.29	0.14	0.11		0.66	0.2	0.45		99.43	1797.43848
MAD1-5-1-3	2.3	0.12			53.47	40.32		0.18	0.53	0.07	0.08		0.64	0.04	0.69		98.44	1738.77967
MAD1-5-1-4	2.31	0.37			53.46	40.73		0.59	0.25	0.12	0.12		0.67	0.1	0.35		99.05	1815.97909
MAD1-5-1-5	2.2	0.18			53.41	40.61		0.56	0.42	0.15	0.1		0.69	0.22	0.54		99.09	1809.23112
MAD1-5-1-6	2.28	0.17			53.28	39.95		0.38	0.61	0.16	0.08		0.66	0.19	0.74		98.52	1776.50753
MAD1-5-1-7	2.18	0.11			53.44	40.64		0.21	0.55	0.17	0.06		0.65	0.16	0.86		99.03	1712.17321
MAD1-5-1-8	2.31	0.18			53.52	40.59		0.19	0.53	0.14	0.07		0.66	0.17	0.79		99.13	1791.95995
MAD1-5-1-9	2.31	0.15			52.95	40.29		0.18	0.5	0.14	0.08		0.63	0.14	0.85		98.21	1719.63522
MAD1-5-1-10	2.27	0.2			53.98	40.77		0.44	0.53	0.16	0.08		0.71	0.04	0.7		99.87	1888.30005
MAD1-5-1-11	2.27	0.12			53.62	40.67		0.18	0.57	0.14	0.06		0.66	0.16	0.8		99.22	1771.67133
MAD1-5-1-12	2.32	0.11			53.4	40.3		0.16	0.54	0.13	0.06		0.63	0.2	0.74		98.6	1724.65395

Table DR2 (Continued)

MAD1-5-1-13	2.3	0.09	53.14	39.99	0.3	0.72	0.14	0.08	0.63	0.16	0.8	98.36	1714.77066	51.47949
MAD1-5-1-14	2.36	0.23	53.64	40.24	0.51	0.37	0.15	0.1	0.68	0.2	0.44	98.91	1870.80336	196.12712
MAD1-5-1-15	2.43	0.12	53.44	40.63	0.23	0.51	0.15	0.09	0.54	0.1	0.71	98.94	1554.01557	32.96095
MAD1-5-1-16	2.31	0.13	53.08	40.25	0.2	0.6	0.14	0.09	0.6	0.14	0.73	98.26	1646.85677	27.22786
MAD1-5-1-17	2.31	0.19	53.36	40.66	0.32	0.31	0.1	0.06	0.63	0.15	0.47	98.57	1719.63522	58.4734
MAD1-5-1-18	2.35	0.13	53.34	40.25	0.18	0.56	0.17	0.11	0.65	0.09	0.81	98.65	1790.20324	23.97118
MAD1-5-1-19	2.38	0.09	53.12	40.47	0.18	0.47	0.17	0.06	0.58	0.16	0.76	98.41	1631.24121	23.97118
MAD1-5-1-20	2.27	0.19	53.31	39.99	0.22	0.49	0.16	0.09	0.61	0.13	0.73	98.2	1653.69378	30.92699
MAD1-5-1-21	2.22	0.12	53.41	40.21	0.26	0.43	0.13	0.1	0.66	0.16	0.73	98.42	1749.68794	39.9012
MAD1-5-1-22	2.33	0.18	53.23	40.11	0.28	0.43	0.13	0.1	0.68	0.16	0.61	98.2	1851.73761	45.3221
MAD1-5-1-23	2.32	0.2	53.15	40.26	0.41	0.51	0.15	0.13	0.63	0.14	0.53	98.45	1724.65395	103.73301
MAD1-5-1-24	2.35	0.25	52.85	40.1	0.49	0.63	0.15	0.08	0.65	0.12	0.72	98.37	1790.20324	172.66866
MAD1-5-1-25	2.29	0.29	53.06	40.31	0.57	0.32	0.17	0.1	0.64	0.18	0.47	98.42	1733.92319	287.41542
MAD1-5-1-26	2.23	0.21	53.45	40.22	0.38	0.6	0.14	0.07	0.64	0.18	0.76	98.87	1707.8287	85.69012
MAD1-5-1-27	2.26	0.1	53.44	39.77	0.21	0.64	0.14	0.07	0.65	0.17	0.71	98.15	1743.64447	29.01854
MAD1-5-1-28	2.23	0.3	53.36	40	0.55	0.52	0.13	0.07	0.67	0.17	0.7	98.65	1776.69276	253.0381
MAD1-5-1-29	2.44	0.13	53.61	41.81	0.14	0.04	0.13	0.09	0.58	0.15	0.29	99.4	1665.91786	18.5798
MAD1-5-1-30	2.42	0.34	53.59	40.01	0.8	0.4	0.15	0.09	0.66	0.06	0.42	98.93	1862.40436	1243.76304
MAD1-5-1-31	2.36	0.15	52.15	39.93	0.3	0.55	0.15	0.07	0.66	0.17	0.64	97.16	1821.10555	51.47949
MAD1-5-1-32	2.23	0.09	54.16	41.04	0.18	0.31	0.1	0.1	0.7	0.12	0.46	99.5	1845.00147	23.97118
ZN114-1	3.08	0.14	53.59	41.14	0.1	0.05	0.1	0.19	0.27	0.1	0.09	98.81	1209.09023	14.40101
ZN114-2	2.87	0.21	54.04	41.81	0.11	0.2	0.1	0.11	0.27	0	0.2	99.9	989.2989	15.34811
ZN114-3	2.86	0.2	54.54	41.71	0.1	0.05	0.09	0.19	0.27	-0.01	0.1	100.05	982.26167	14.40101
ZN114-4	2.83	0.12	54.75	41.91	0.09	0.02	0.11	0.18	0.22	0.03	0.14	100.42	783.81335	13.51235
ZN114-5	2.87	0.18	54.89	41.63	0.12	0.03	0.07	0.08	0.25	0.02	0.15	100.29	915.02355	16.3575
ZN114-6	2.77	0.14	54.2	41.55	0.11	0.02	0.07	0.16	0.27	-0.02	0.08	99.33	927.91688	15.34811
ZN114-7	2.76	0.12	54.74	41.65	0.1	0.05	0.12	0.18	0.25	0.07	0.12	100.19	855.07346	14.40101
ZN114-8	2.76	0.2	54.61	41.37	0.17	0.05	0.06	0.13	0.25	0.05	0.18	99.83	855.07346	22.49196
ZN114-9	2.91	0.22	54.43	41.54	0.08	0.05	0.07	0.1	0.26	0.08	0.23	99.96	981.09125	12.67852
ZN114-10	2.86	0.16	54.59	41.76	0.06	0.07	0.07	0.08	0.25	0.07	0.22	100.19	908.68958	11.16207
ZN114-11	2.81	0.17	54.36	40.84	0.1	0.21	0.09	0.13	0.25	0.07	0.32	99.33	879.82851	14.40101
ZN114-12	2.86	0.2	54.52	41.13	0.11	0.29	0.09	0.09	0.26	0.05	0.27	99.86	945.43445	15.34811

Table DR2 (Continued)

ZN114-13	2.7	0.21		54.2	41.6		0.14	0.15	0.09	0.13	0.28	0.07	0.26		99.77	927.26686	185798
ZN114-14	2.83	0.18		54.58	41.3		0.09	0.14	0.07	0.11	0.27	0.05	0.19		99.83	962.4373	13.51235
ZN114-15	2.81	0.21		54.33	41.52		0.19	0.03	0.12	0.21	0.28	0.01	0.13		99.79	985.47936	25.54768
ZN806337-1	2.6	0.18		54.49	41.39		0.23	0.35	0	0.1	0.35	-0.01	0.5		100.2	1101.28023	32.96095
ZN806337-2	2.69	0.09		53.95	41.4		0.14	0.14	0.11	0.26	0.36	0.01	0.2		99.38	1180.34914	18.5798
ZN806337-3	2.52	0.14		54.7	41.2		0.13	0.23	0.16	0.27	0.44	0.06	0.18		100.04	1326.72252	17.43328
ZN806337-4	2.66	0.09		54.56	41.3		0.14	0.27	0.18	0.29	0.51	0.02	0.27		100.27	1636.85475	18.5798
ZN806337-5	2.84	0.06		54.45	41.68		0.14	0.22	0.02	0.09	0.28	0.09	0.25		100.07	1005.0605	18.5798
ZN806337-6	2.85	0.09		55.35	42.52		0.11	0.2	0.1	0.25	0.32	0.06	0.19		102.08	1159.19241	15.34811
ZN806337-7	2.7	0.07		55.44	42.06		0.11	0.21	0.18	0.3	0.52	0.01	0.24		101.85	1711.86225	15.34811
ZN806337-8	2.71	0.12		55.65	41.79		0.17	0.28	0.06	0.08	0.38	-0.03	0.32		101.53	1258.60576	22.49196
ZN806337-9	2.79	0.06		55.97	42.25		0.12	0.28	0.03	0.07	0.22	0.02	0.3		102.13	765.75862	16.3575
ZN806337-10	2.83	0.08		55.98	42.37		0.13	0.21	0.05	0.08	0.25	0.05	0.25		102.28	890.83849	17.43328
ZN806337-11	2.73	0.06		55.47	41.7		0.1	0.22	0.04	0.08	0.25	0.05	0.32		101.05	841.91603	14.40101
ZN806337-12	2.72	0.1		55.28	41.57		0.13	0.26	0.06	0.11	0.31	0.01	0.32		100.87	1035.11781	17.43328
ZN806337-13	2.84	0.07		55.85	42.55		0.14	0.15	0	0.11	0.23	0.05	0.15		102.15	824.60691	18.5798
ZN806337-14	2.66	0.08		56	42.49		0.14	0.19	0.03	0.12	0.33	0.07	0.2		102.35	1068.1532	18.5798
ZN806337-15	2.69	0.04		55.93	42.27		0.1	0.19	0.03	0.08	0.25	0.03	0.18		101.76	826.10848	14.40101
JM16-15-1	3.663	0.036	0.034	0	54.346	41.185	0.007	0.11	0.205	0.152	0.197	0	0.36	0.007	100.431	7319.91377	15.34811
JM16-15-2	4.163	0.071	0.066	0.016	55.772	40.2	0.003	0.087	0.158	0.042	0.125	0.056	0.106	0	101.284		13.2566
JM16-15-3	4.489	0.089	0.013	0	54.667	41.725	0	0.145	0.108	0.006	0.111	0	0.102	0	101.632		19.18104
JM16-15-4	3.858	0.054	0.022	0	55.321	40.474	0.004	0.154	0.209	0.009	0.093	0.006	0.066	0	100.626		20.31272
JM16-15-5	4.071	0.048	0.03	0.006	54.928	41.171	0	0.129	0.26	0.134	0.143	0	0.342	0.038	101.367		17.32259
JM157-1-2	4.231	0.004	0.027	0	55.955	40.878	0.007	0.034	0.041	0.051	0.107	0.043	0.066	0	101.669		9.45852
JM157-2-2	3.934	0.045	0.025	0.007	54.475	40.85	0.005	0.124	0.228	0.116	0.14	0.081	0.104	0	100.506		16.77961
JM157-3-1	3.957	0.043	0.013	0	54.682	40.371	0	0.137	0.258	0.119	0.132	0	0.47	0	100.307		18.22815
JM157-3-2	3.176	0.057	0.005	0.013	55.483	40.092	0	0.085	0.221	0.033	0.093	0	0.333	0.002	99.728	650.50031	13.0888
JM157-4-1	2.821	0.018	0.021	0.005	55.68	41.035	0.001	0.052	0.168	0.054	0.122	0	0.427	0	100.542	490.07604	10.60755
JM157-4-2	3.053	0.123	0.017	0	56.031	39.901	0.001	0.28	0.262	0.036	0.093	0.025	0.114	0	100.174	476.6985	45.3221
JM157-5-1	2.916	0.028	0.041	0	55.571	41.623	0.005	0.087	0.247	0.012	0.104	0.05	0.449	0.002	101.28	545.42277	13.2566
JM157-5-2	2.878	0.136	0.025	0	55.996	41.138	0.014	0.242	0.203	0.081	0.064	0.037	0.163	0	101.3	598.22146	35.57904
JM157-6-1	3.78	0.057	0.039	0	55.236	40.729	0.009	0.087	0.24	0.063	0.064	0.019	0.139	0	100.838		13.2566

Table DR2 (Continued)

JM157-6-2	3.663	0.022	0.034	0	55.368	41.142	0.026	0.083	0.273	0.069	0.118	0	0.136	0	0.415	0	101.349	8714.68115	12.92312
JM157-7-1	4.338	0.056	0.026	0	55.627	41.567	0.013	0.061	0.172	0.063	0.093	0	0.127	0	0.303	0	102.446		11.23339
JM157-7-2	3.378	0.029	0.04	0.002	55.781	41.814	0	0.074	0.176	0	0.075	0	0.112	0	0.246	0	101.727	764.37364	12.20314
JM157-8-1	4.909	0.098	0.017	0	54.903	41.015	0.001	0.151	0.085	0.081	0.032	0	0.093	0	0.136	0.025	101.546		19.92826
JM157-8-2	2.889	0.017	0.008	0	55.292	41.411	0	0.1	0.155	0.015	0.126	0.069	0.112	0	0.348	0.002	100.544	413.77385	14.40101
JM1210-1-1	2.95	0.08			54.51	41.9		0.12	0.09	0.06	0.12		0.11	-0.01	0.18		100.06	423.00582	16.3575
JM1210-1-2	2.89	0.1			54.39	41.13		0.07	0.17	0.06	0.13		0.11	-0.03	0.31		99.33	406.63515	11.89616
JM1210-2-1	2.87	0.1			54.18	41.47		0.1	0.16	0.05	0.21		0.16	0.06	0.26		99.64	584.24719	14.40101
JM1210-2-2	2.96	0.08			54.82	41.85		0.13	0.1	0.06	0.13		0.13	0.04	0.14		100.43	504.18314	17.43328
JM1210-3-1	3.03	0.13			54.5	41.01		0.11	0.15	0.08	0.17		0.1	0.03	0.23		99.52	408.85869	15.34811
JM1210-3-2	2.93	0.11			54.4	41.23		0.13	0.21	0.05	0.11		0.11	0.04	0.35		99.66	417.20435	17.43328
JM1210-5-1	2.96	0.13			54.71	41.52		0.14	0.25	0.07	0.15		0.13	-0.02	0.44		100.46	504.18314	18.5798
JM1210-5-2	2.97	0.22			54.24	41.65		0.15	0.14	0.04	0.1		0.09	0.03	0.27		99.86	350.69319	19.80173
JM1210-6-1	2.92	0.12			54.78	41.83		0.08	0.2	0.07	0.11		0.1	-0.01	0.31		100.48	376.68242	12.67852
JM1210-6-2	2.76	0.11			54.42	42.04		0.09	0.26	0.03	0.14		0.12	0.01	0.4		100.41	414.10201	13.51235
JM1210-8-1	2.96	0.11			54.44	41.84		0.13	0.2	0.04	0.12		0.13	-0.01	0.44		100.38	504.18314	17.43328
JM1210-8-2	2.84	0.09			54.84	41.67		0.15	0.24	0.05	0.1		0.14	0.06	0.37		100.53	502.35078	19.80173
JM1210-9-1	2.68	0.14			54.79	41.9		0.13	0.22	0.08	0.17		0.13	0.08	0.33		100.64	433.69711	17.43328
JM1210-9-2	2.93	0.07			54.57	41.56		0.13	0.21	0.05	0.09		0.09	0	0.26		99.96	341.16144	17.43328
JM1211-1-1	2.88	0.13			54.75	41.15		0.12	0.21	0.07	0.16		0.09	0.07	0.32		99.96	330.801	16.3575
JM1211-3-1	2.97	0.13			54.2	41.77		0.07	0.09	0.06	0.12		0.07	0.07	0.19		99.71	272.46318	11.89616
JM1211-3-2	3.01	0.11			54.85	41.52		0.13	0.19	0.05	0.09		0.15	-0.03	0.32		100.38	606.93411	17.43328
JM1211-4-1	2.89	0.11			54.6	41.42		0.09	0.13	0.04	0.1		0.09	0.03	0.23		99.75	332.74789	13.51235
JM1211-5-1	3.04	0.15			54.61	41.36		0.16	0.06	0.02	0.08		0.06	0.05	0.12		99.66	246.15711	21.10402
JM1211-5-2	2.99	0.09			54.18	41.52		0.12	0.23	0.06	0.11		0.16	0.01	0.36		99.8	637.28351	16.3575
JM1211-6-1	2.95	0.15			54.8	41.42		0.08	0.15	0.02	0.08		0.09	0	0.16		99.91	345.77693	12.67852
JM1211-6-2	2.91	0.09			54.4	41.48		0.12	0.13	0.07	0.19		0.17	0.06	0.33		99.97	637.47776	16.3575
JM1211-7-1	2.96	0.1			54.75	41.44		0.11	0.16	0.06	0.17		0.13	0.04	0.26		100.15	504.18314	15.34811
JM1211-7-2	2.86	0.15			54.43	41.01		0.09	0.2	0.07	0.16		0.11	0.06	0.26		99.4	399.51938	13.51235
JM1211-8-1	3.34	0.1			53.85	41.68		0.05	0.08	0.07	0.16		0.12	0.06	0.23		99.72	756.15314	10.47327
JM1211-8-2	3.06	0.12			54.72	41.52		0.09	0.16	0.06	0.13		0.09	0.06	0.28		100.31	377.2547	13.51235
JM1211-9-2	2.88	0.11			54.29	41.46		0.11	0.15	0.09	0.14		0.13	0.12	0.24		99.7	477.62141	15.34811

Table DR2 (Continued)

JM1420-1-1	3.03	0.09	54.05	41.29	0.11	0.28	0.05	0.18	0.15	0.02	0.34	99.6	617.85011	15.34811
JM1420-1-2	2.94	0.09	54.34	41.33	0.13	0.18	0.07	0.15	0.12	-0.07	0.2	99.48	458.45018	17.43328
JM1420-2-1	2.91	0.11	54.3	41.69	0.08	0.25	0.05	0.18	0.13	0.01	0.38	100.06	486.81023	12.67822
JM1420-2-2	3.02	0.13	54.04	41.67	0.1	0.25	0.05	0.15	0.16	0.03	0.39	99.96	654.14034	14.40101
JM1420-3-1	3.06	0.16	54.63	42.2	0.09	-0.03	0.07	0.25	0.12	0.03	0.11	100.73	505.61341	13.51235
JM1420-3-2	2.94	0.16	54.75	41.55	0.11	0.12	0.09	0.22	0.14	0.01	0.28	100.39	535.41953	15.34811
JM1420-4-1	2.99	0.1	54.1	41.79	0.14	0.25	0.09	0.19	0.15	0.03	0.36	100.21	596.73639	18.5798
JM1420-4-2	3.08	0.19	54.6	41.57	0.38	0.2	0.12	0.13	0.13	0.04	0.16	100.56	559.69278	85.69012
JM1420-5-1	2.67	0.09	54.68	41.57	0.12	0.23	0.08	0.11	0.19	0.16	0.28	100.21	626.58337	16.3575
JM1420-5-2	2.71	0.09	53.82	41.34	0.13	0.24	0.05	0.1	0.2	0.09	0.31	99.1	669.92868	17.43328
JM1420-6-1	2.85	0.07	54.54	42	0.09	0.17	0.06	0.06	0.14	0.07	0.21	100.23	505.21861	13.51235
JM1420-6-2	2.74	0.16	54.6	41.06	0.14	0.23	0.06	0.11	0.18	0.05	0.34	99.64	612.2761	18.5798
JM1420-7-1	2.63	0.08	54.97	41.28	0.14	0.2	0.08	0.06	0.2	0.07	0.39	100.11	648.85268	18.5798
JM1420-7-2	2.73	0.08	54.83	41.62	0.13	0.21	0.04	0.08	0.18	0.09	0.35	100.33	609.48031	17.43328
JM1420-8-1	2.71	0.08	54.66	41.42	0.12	0.19	0.03	0.05	0.17	0.08	0.3	99.79	571.16318	16.3575
JM1420-8-2	2.72	0.06	54.83	41.64	0.15	0.21	0.02	0.04	0.16	0.05	0.23	100.1	540.42468	19.80173
JM1420-9-1	2.69	0.08	54.54	41.33	0.11	0.23	0.04	0.1	0.21	-0.03	0.38	99.72	696.64985	15.34811
JM1420-9-2	2.67	0.09	54.24	41.46	0.11	0.21	0.1	0.05	0.19	0.12	0.22	99.43	626.58337	
JM2414-20-11	2.61	0.12	53.68	41.77	0.15	0.21	0.09	0.09	0.19	0.04	0.27	99.23	613.0456	
jim2414-20-12	2.93	0.11	53.63	40.51	0.11	0.69	0.11	0.07	0.13	0.12	0.32	98.75	493.43106	
jim2414-20-13	2.97	0.07	54.35	41.28	0.1	0.16	0.07	0.06	0.16	0.11	0.3	99.66	626.95552	
jim2414-20-14	2.72	0.11	54.59	41.03	0.12	0.23	0.07	0.11	0.18	0.11	0.27	99.53	606.76634	
jim2414-20-15	2.73	0.08	54.69	41.42	0.1	0.14	0.01	0.06	0.15	0.07	0.25	99.71	509.35409	
jim2414-20-16	2.87	0.05	54.22	41.25	0.12	0.18	0.05	0.1	0.16	0.09	0.23	99.27	564.24719	
jim2414-20-17	2.66	0.07	54.65	41.23	0.11	0.24	0.09	0.07	0.21	0.1	0.31	99.74	688.13279	
jim2414-20-18	2.69	0.18	54.59	40.83	0.48	0.22	0.02	0.08	0.2	0.09	0.21	99.62	664.18064	
jim2414-20-19	2.7	0.07	54.35	40.72	0.1	0.23	0.07	0.07	0.16	0.09	0.29	98.89	535.92817	
jim2414-20-20	2.6	0.11	54.83	41.62	0.1	0.15	0.06	0.11	0.2	0.05	0.23	100.08	642.16143	
jim2416-15-1	2.77	0.17	54.74	41.04	0.25	0.25	0.08	0.08	0.21	0.05	0.31	99.93	723.44957	
jim2416-15-2	2.61	0.14	54.83	41.61	0.13	0.2	0.07	0.06	0.2	0.06	0.31	100.24	644.32491	
jim2416-15-3	2.72	0.16	54.56	41.53	0.12	0.2	0.06	0.09	0.2	0.14	0.36	100.11	672.93325	
jim2416-15-4	2.8	0.11	54.44	40.73	0.11	0.22	0.03	0.09	0.17	0.09	0.26	99.08	596.13319	

Table DR2 (Continued)

jm2416-15-6	2.61	0.1			54.78	41.86				0.15	0.16	0.1	0.06		0.18	0.16	0.3		100.46	581.68512
jm2416-15-7	2.66	0.08			54.99	41.82				0.09	0.18	0.08	0.09		0.22	0.01	0.32		100.53	720.03387
jm2416-15-8	2.7	0.34			54.51	41.26				0.49	0.31	0.06	0.1		0.2	0.16	0.23		100.38	667.012
jm2416-15-9	2.67	0.11			54.41	41.21				0.15	0.17	0.04	0.08		0.23	0.06	0.31		99.42	754.97814
jm2416-15-10	2.79	0.14			54.77	41.61				0.12	0.21	0.05	0.08		0.21	0.07	0.25		100.28	731.21113
QL-1	3.146	0.053	0.003	0	54.798	41.679	0	0.133	0.174	0.108	0.018	0.09	0	0.228	0	0.363	0	100.685	1096.00293	17.7696
QL-2	3.422	0.15	0.007	0	54.354	40.845	0.007	0.499	0.254	0.009	0.068	0.062	0.303	0	0.331	0.06	0.331	100.371	3258.90541	182.85607
QL-3	2.939	0.089	0.002	0.015	54.509	41.031	0.003	0.123	0.131	0.084	0.082	0.025	0.374	0	0.337	0.029	0.337	99.773	1473.04332	16.67307
QL-4	3.857	0.038	0.016	0	55.223	41.24	0	0.22	0.104	0.054	0.108	0.05	0.156	0	0.008	0	0.008	101.074		30.92699
QL-5	3.724	0	0.013	0	55.494	41.204	0	0.156	0.098	0.042	0.039	0.025	0.225	0	0.134	0.016	0.134	101.17		20.57313
QL-6	3.364	0.093	0.007	0	54.632	41.048	0.017	0.139	0.19	0	0.082	0	0.327	0	0.446	0	0.446	100.345	2863.64469	18.46184
QL-7	3.009	0.073	0.031	0	54.402	40.771	0.011	0.172	0.1	0.027	0.115	0.05	0.324	0	0.197	0	0.197	99.282	1357.164	22.78031
QL-8	3.481	0.093	0.005	0	54.217	40.53	0.021	0.17	0.177	0	0	0	0.171	0	0.3	0	0.3	99.165	1798.10035	22.49196
QL-9	3.43	0.079	0.015	0.031	54.786	41.392	0.007	0.121	0.17	0.033	0.014	0.012	0.204	0	0.278	0	0.278	100.572	1848.12471	16.46202
QL-10	3.12	0.05	0	0	54.463	41.377	0.008	0.098	0.106	0	0.064	0	0.116	0	0.238	0	0.238	99.64	519.17434	14.21872
QL-11	3.721	0.087	0.004	0.006	54.538	40.855	0	0.131	0.138	0.066	0.05	0.05	0.577	0	0.287	0.016	0.287	100.526		17.54467
QL-12	3.482	0.074	0.02	0	54.58	40.368	0	0.123	0.177	0.084	0.129	0	0.503	0	0.289	0.011	0.289	99.84	1200.946677	16.67307
QL-13	3.542	0.021	0.011	0.007	54.473	40.89	0.013	0.132	0.163	0.03	0.104	0.081	0.203	0	0.248	0	0.248	99.918	3416.72229	17.65678
QL-14	3.474	0.075	0.014	0.019	55.214	41.313	0.013	0.116	0.095	0	0.132	0	0.223	0	0.252	0.007	0.252	100.947	2564.8672	15.94601
QL-15	2.861	0.046	0.004	0	55.796	41.778	0	0.088	0.19	0.042	0.089	0.062	0.265	0	0.431	0	0.431	101.652	964.51339	13.34131
QL-16	2.959	0.04	0.02	0	55.949	41.312	0	0.05	0.157	0.063	0.097	0	0.24	0	0.348	0	0.348	101.235	940.83004	10.47327
QL-17	3.96	0.045	0.019	0	55.189	41.087	0.006	0.102	0.213	0.021	0.032	0.037	0.157	0	0.307	0.031	0.307	101.206		14.58563
QL-18	2.811	0.099	0	0.011	55.63	40.658	0	0.073	0.191	0.069	0.054	0.056	0.178	0	0.286	0.011	0.286	100.127	627.70661	12.12566
QL-19	3.137	0.066	0	0	55.689	41.488	0	0.066	0.187	0.051	0.061	0	0.194	0	0.354	0.007	0.354	101.3	908.61863	11.5969
QL-20	3.221	0	0.008	0.017	54.941	41.616	0	0.151	0.096	0.048	0.065	0	0.243	0	0.239	0	0.239	100.645	1327.61692	19.92826
QL55W9-1	3.531	0.044	0.015	0	54.19	40.93	0	0.097	0.199	0.03	0.097	0	0.39	0	0.481	0.018	0.481	100.022	3240.526834	14.12844
QL55W9-2	3.194	0.057	0.01	0	54.643	40.345	0	0.159	0.113	0.066	0.082	0	0.181	0	0.126	0	0.126	98.976	912.79313	20.97003
QL55W10-1	3.076	0.086	0	0.001	54.527	40.664	0	0.327	0.203	0.027	0.007	0	0.121	0	0.215	0	0.215	99.254	517.87462	61.13949
QL55W10-2	2.984	0	0.009	0.027	56.37	41.763	0.006	0.054	0.122	0	0.064	0.025	0.12	0	0.183	0.036	0.183	101.763	473.61193	10.74354
QL55W11-1	3.107	0.027	0	0.013	56.097	40.35	0	0.078	0.158	0.051	0.072	0.044	0.126	0	0.136	0.004	0.136	100.263	557.4595	12.51804
QL55W11-2	2.922	0.12	0.013	0	54.004	40.976	0.011	0.304	0.18	0.033	0.061	0	0.131	0	0.234	0.004	0.234	98.993	494.52518	52.80792
QL55W12-1	3.022	0.236	0.032	0.001	54.473	40.557	0.008	0.503	0.262	0.075	0.086	0	0.217	0	0.335	0	0.335	99.807	898.12485	187.57467

Table DR2 (Continued)

QL55W12-2	3.139	0.001	0.013	0	55.135	41.415	0	0.111	0.181	0.042	0.136	0	0.144	0	0.154	0	100.471	664.30076	15.44618
QL55W13-1	3.146	0.021	0	0	55.259	41.179	0	0.136	0.137	0.012	0.093	0	0.193	0	0.195	0	100.371	914.33508	18.11241
QL55W13-2	3.25	0.042	0	0	54.919	41.893	0.001	0.099	0.193	0.042	0.086	0.043	0.138	0	0.37	0	101.076	742.95668	14.30957
QL55W14-1	2.28	0.14			54.72	41.81		0.14	0.15	0.01	0.06		0.21	0.03	0.25		99.83	628.2783	18.5798
QL55W14-2	2.32	0.14			54.77	41.51		0.24	0.17	0.04	0.11		0.28	0.01	0.21		99.82	826.82882	35.12868
QL55W16-1	2.28	0.12			55.15	41.34		0.1	0.2	0.02	0.09		0.23	0.05	0.28		99.9	684.33915	14.40101
QL55W16-2	2.29	0.04			55.19	41.93		0.08	0.16	0.05	0.09		0.21	-0.01	0.2		100.23	629.01596	12.67852
QL55W17-1	2.3	0.33			54.16	41.07		0.62	0.32	0.03	0.06		0.38	0.01	0.38		99.66	1091.12671	395.20316
QL55W17-2	2.3	0.12			55.07	41.02		0.15	0.4	0.05	0.11		0.27	0.03	0.57		100.07	796.92583	19.80173
QL55W18-1	2.41	0.12			55.41	41.68		0.25	0.17	0.04	0.07		0.19	0.05	0.08		100.41	582.50475	37.43897
QL55W18-2	2.32	0.08			55.13	41.45		0.14	0.16	-0.01	0.08		0.22	0.01	0.26		99.82	659.76718	18.5798
QL55W1-1	2.31	0.06			55.07	41.68		0.11	0.2	0.02	0.1		0.26	0.03	0.14		99.95	770.52519	15.34811
QL55W1-2	2.33	0.05			55.27	41.65		0.14	0.14	-0.01	0.09		0.18	-0.03	0.12		99.88	546.30031	18.5798
QL55W2-1	2.37	0.1			54.89	41.75		0.17	0.13	0.04	0.06		0.26	0.03	0.22		100.06	778.17473	22.49196
QL55W2-2	2.43	0.15			55.1	41.31		0.15	0.33	0.04	0.1		0.31	0.06	0.33		100.3	929.32443	19.80173
QL55W3-1	2.39	0.17			54.64	41.29		0.17	0.35	0.05	0.1		0.36	0.03	0.51		100.07	1057.89642	22.49196
QL55W3-2	2.31	0.07			55.13	41.79		0.1	0.1	0.03	0.09		0.28	0.12	0.1		100.09	825.53886	14.40101
QL55W4-1	2.57	0.09			55	41.5		0.14	0.19	0.03	0.09		0.27	0.06	0.26		100.18	849.00437	18.5798
QL55W4-2	2.47	0.19			54.92	41.21		0.34	0.2	0	0.08		0.25	0.01	0.22		99.92	766.18779	66.41749
QL55W5-1	2.48	0.06			55.13	41.81		0.07	0.09	0.03	0.04		0.19	-0.02	0.14		100.01	591.01389	11.89616
QL55W5-2	2.35	0.04			54.96	41.36		0.13	0.29	0.01	0.08		0.36	0.12	0.42		100.13	1048.62382	17.43328
QL55W6-1	2.52	0.08			54.75	41.29		0.1	0.03	0.06	0.06		0.33	0.04	0.22		99.47	1011.04986	14.40101
QL55W6-2	2.51	0.08			54.6	40.83		0.15	0.39	0.03	0.05		0.31	0.07	0.5		99.53	949.92378	19.80173
CMD32-1-2	3.085	0.035	0.005	0	54.662	40.112	0	0.072	0.231	0.045	0.09	0.006	0.576	0	0.317	0	99.236	3089.93403	12.04867
CMD32-2-1	2.771	0.05	0.002	0.01	54.731	39.872	0.02	0.061	0.167	0.027	0.1	0	0.639	0	0.367	0.049	98.866	2252.70263	11.23339
CMD32-2-2	2.758	0	0	0	54.761	40.279	0	0.051	0.172	0	0.05	0	0.151	0	0.392	0.011	98.625	519.19485	10.5402
CMD32-3	3.081	0.019	0.011	0	55.644	40.59	0.002	0.073	0.256	0.045	0.039	0.012	0.319	0	0.341	0	100.432	1457.012	12.12566
CMD32-4-1	2.786	0.02	0	0	55.154	40.529	0	0.063	0.231	0.015	0.079	0.031	0.321	0	0.335	0.02	99.584	1113.20973	11.3774
CMD32-4-2	2.488	0	0	0	54.506	40.542	0.013	0.042	0.132	0.021	0.061	0	0.195	0	0.187	0	98.187	607.07118	9.95297
CMD32-5-1	2.567	0.016	0.004	0	54.209	39.556	0.003	0.085	0.177	0.048	0.007	0.087	0.527	0	0.25	0	97.536	1607.44693	13.0888
CMD32-6-1	2.742	0	0	0.012	55.382	39.715	0	0.08	0.354	0.039	0.057	0	0.143	0	0.481	0.009	99.014	488.47705	12.67852
CMD32-6-2	3.784	0.021	0.03	0.003	54.855	39.912	0.012	0.08	0.376	0.018	0.032	0	0.155	0	0.447	0	99.725		12.67852

Table DR2 (Continued)

CMD32-7-1	2.919	0.03	0.003	0.003	55.21	40.845	0.005	0.034	0.197	0.015	0.018	0	0.162	0	0.428	0	99.869	611.0871	9.45852
CMD32-7-2	2.39	0.09			54.86	41.88		0.13	0.23	0.03	0.08		0.47	0.05	0.4		100.61	1351.38495	17.43328
CMD32-8-2	2.37	0.06			55.03	41.63		0.06	0.14	0.05	0.09		0.42	0.02	0.2		100.06	1213.09834	11.16207
CMD32-9-1	2.2	0.16			54.8	41.22		0.12	0.23	0.04	0.09		0.55	0.11	0.34		99.85	1488.94603	16.3575
CMD32-9-2	2.19	0.15			54.97	41.25		0.16	0.29	0.04	0.06		0.5	-0.01	0.39		100.03	1368.24795	21.10402
CMD32-10-1	2.41	0.11			54.72	41.34		0.17	0.4	0.03	0.06		0.4	0.05	0.46		100.13	1171.82104	22.49196
CMD32-10-2	2.72	0.11			54.73	41.42		0.1	0.22	0.02	0.09		0.26	0.07	0.22		99.97	870.69123	14.40101
CMD32-11-1	2.47	0.07			54.74	41.26		0.11	0.31	0.04	0.1		0.4	-0.03	0.46		99.94	1192.37479	15.34811
CMD32-11-2	2.26	0.09			55.49	41.62		0.11	0.22	0.03	0.1		0.48	0.02	0.28		100.67		
CMD10	2.34	0.06			55	41.75		0.07	0.19	0	0.09		0.39	0.02	0.31		100.24		
CMD11	2.37	0.08			55.39	41.83		0.09	0.16	0.01	0.07		0.41	0.01	0.23		100.62		
CMD12	2.29	0.1			54.87	41.68		0.15	0.34	0.02	0.1		0.43	0.09	0.38		100.44		
CMD13	2.27	0.13			55.19	41.97		0.09	0.28	0.02	0.07		0.45	0.08	0.35		100.93		
CMD14	2.23	0.15			54.94	42.3		0.15	0.22	0.06	0.05		0.53	0.04	0.37		101.02		
CMD15	2.43	0.1			54.81	41.63		0.15	0.4	0.01	0.08		0.39	0.06	0.43		100.51		
CMD16	2.63	0.06			54.82	41.24		0.12	0.25	0	0.08		0.34	0.01	0.25		99.79	1084.69889	16.3575
BY1586-5-1	3.991	0.054	0.032	0.017	54.715	39.635	0	0.279	0.338	0.033	0.087	0	0.033	0	0.155	0	99.369		45.03435
BY1586-5-2	3.843	0.097	0.024	0	53.907	40.339	0.009	0.274	0.295	0	0.054	0	0.023	0	0.201	0	99.066		43.62273
BY1586-5-3	3.942	0.093	0.01	0.009	54.755	40.836	0	0.245	0.26	0.039	0.08	0.025	0.031	0	0.153	0.002	100.48		36.26543
BY1586-5-4	4.03	0.041	0.003	0	55.016	40.411	0	0.236	0.243	0.048	0.047	0.075	0.035	0	0.149	0.029	100.363		34.24498
BY1586-5-5	4.389	0.096	0.026	0.017	54.632	40.381	0.038	0.245	0.279	0.045	0.043	0	0.073	0	0.157	0.02	100.441		36.26543
BY1586-5-6	4.318	0.155	0.028	0	55.077	39.412	0.003	0.493	0.346	0.085	0.091	0.094	0.043	0	0.116	0	100.261		175.99978
BY1586-5-7	4.311	0.014	0.023	0.006	54.72	40.483	0	0.207	0.253	0.012	0.091	0.063	0.041	0	0.173	0.014	100.411		28.46931
BY1586-5-8	3.595	0.057	0	0.005	54.928	40.657	0.011	0.285	0.232	0	0.051	0	0.027	0	0.189	0.016	100.053	355.75152	46.78871
BY1586-5-9	4.156	0.179	0.001	0	54.976	40.135	0	0.511	0.237	0.039	0.029	0.088	0.035	0.018	0.122	0	100.526		197.38032
BY1586-5-10	3.432	0.09	0.013	0.018	49.889	38.879	0.026	0.289	0.32	0.015	0.221	0.113	0.119	0	0.104	0.029	93.557	950.00752	47.9961
BY1586-5-11	4.573	0.028	0.043	0.002	54.662	41.093	0	0.021	0.062	0.009	0.076	0.013	0.048	0	0.169	0	100.799		8.70688
BY1586-5-12	4.224	0.034	0.021	0	54.59	41.002	0	0.006	0.075	0.133	0.054	0.044	0.051	0	0.205	0.032	100.471		7.91351
BY1586-5-13	4.745	0.119	0.008	0	54.924	41.294	0.008	0.391	0.191	0	0.054	0	0.03	0.006	0.122	0.005	101.897		91.90921
BY1586-5-14	4.3	0.11	0.026	0	55.024	40.67	0	0.332	0.175	0.006	0.018	0.05	0.027	0.039	0.06	0	100.837		63.11794
BY1586-5-15	4.706	0.107	0.035	0	54.347	40.751	0.003	0.234	0.235	0.027	0.054	0.082	0.054	0	0.185	0.016	100.836		33.81151
BY1586-5-16	4.55	0.032	0	0.01	54.878	41.072	0.017	0.218	0.197	0	0.065	0.019	0.041	0	0.148	0	101.247		30.53551

Table DR2 (Continued)

BY1586-5-17	4.163	0.015	0	0	55.096	40.97	0.011	0.198	0.235	0.067	0.047	0	0.026	0	0.082	0.039	100.949	26.88321
BY1586-5-18	4.804	0.189	0.001	0	54.685	39.489	0.009	0.786	0.445	0.061	0.047	0.038	0.034	0	0.207	0.011	100.806	1137.65545
BY1586-5-19	4.669	0	0.012	0.002	54.52	40.81	0	0.007	0.019	0.039	0.098	0.094	0.04	0	0.054	0	100.364	7.96408
BY1586-5-20	4.685	0.032	0.007	0.019	54.674	40.573	0.008	0.139	0.248	0.088	0.051	0.069	0.052	0	0.178	0	100.823	18.46184
BY1586-5-21	4.312	0.098	0.017	0	54.336	41.047	0.035	0.283	0.231	0.045	0.116	0.025	0.037	0	0.132	0	100.714	46.19646
BY1586-5-22	4.864	0.114	0.005	0.019	54.179	39.804	0.021	0.471	0.188	0.048	0.029	0.031	0.03	0	0.104	0	99.907	152.98737
BY1586-5-23	4.472	0.078	0	0	54.497	40.36	0	0.212	0.217	0.033	0.058	0.057	0.029	0	0.179	0.041	100.233	29.39057
BY1586-5-24	4.105	0.035	0	0.006	54.559	40.866	0.002	0.255	0.264	0.027	0.044	0.025	0.034	0	0.124	0	100.346	38.65048
BY1586-5-25	5.038	0.058	0.021	0.016	54.591	40.293	0.007	0.285	0.35	0.1	0	0.044	0.031	0.024	0.207	0.009	101.074	46.78871
BY1586-5-26	4.464	0.24	0	0	54.168	38.836	0	0.962	0.48	0.067	0.054	0	0.09	0	0.156	0	99.517	3490.30327
BY1586-5-27	4.254	0.009	0.015	0	55.035	40.159	0.015	0.163	0.301	0.039	0	0	0.022	0.056	0.168	0	100.236	21.51116
MCCQ15-2-3-1	3.475	0.083	0.029	0.011	53.292	40.416	0.002	0.174	0.269	0.065	0.115	0	0.408				98.339	10583.23998
MCCQ15-2-3-2	3.547	0.079	0.013	0	53.696	40.656	0	0.183	0.258	0.037	0.075	0	0.374				98.918	48097.54325
MCCQ15-2-3-3	3.408	0.303	0.005	0	53.273	39.94	0.011	0.736	0.388	0.002	0.019	0	0.134				98.219	30.14899
MCCQ15-2-3-4	3.526	0.078	0.013	0	54.767	40.752	0	0.116	0.286	0	0.047	0.002	0.116				99.703	691.27204
MCCQ15-2-3-5	3.132	0.08	0.015	0	54.913	41.249	0	0.11	0.29	0.041	0.038	0	0.122				99.99	1015.40392
MCCQ15-2-3-6	3.509	0.059	0.01	0	53.825	40.859	0.001	0.168	0.211	0.032	0.032	0.007	0.157				98.87	675.63688
MCCQ15-2-3-7	3.17	0.115	0.013	0	53.608	40.747	0.006	0.188	0.298	0.019	0.063	0.025	0.141				98.393	151.05085
MCCQ15-2-3-8	3.082	0.022	0.014	0	54.116	40.614	0	0.125	0.198	0.014	0.03	0	0.164				98.379	69.00487
MCCQ15-2-3-9	3.409	0.083	0.023	0.009	53.577	40.567	0	0.25	0.25	0	0.024	0.005	0.133				98.33	1009.47544
MCCQ15-2-3-10	3.522	0.147	0	0.002	53.422	40.52	0	0.384	0.316	0.021	0.011	0	0.145				98.49	1757.71134
MCCQ15-2-3-11	3.539	0.09	0.009	0.003	53.422	40.91	0.005	0.196	0.34	0.015	0.043	0	0.145				98.717	1939.53228
Mccq15220202	3.563	0.146	0.015	0	53.364	40.122	0.006	0.216	0.465	0.008	0.095	0	0.242				98.242	944.09811
Mccq15220301	3.674	0.11	0.028	0.003	53.595	40.47	0	0.211	0.435	0.055	0.106	0.02	0.158				98.865	1333.21741
Mccq15220302	3.331	0.104	0.014	0	53.669	40.795	0	0.168	0.364	0.045	0.006	0	0.149				98.645	554.37836
Mccq15210101	3.619	0.225	0.01	0	53.476	40.137	0	0.469	0.305	0.038	0.111	0.002	0.13				98.522	713.21247
Mccq15210102	3.612	0.186	0.018	0.008	53.699	41.005	0.003	0.346	0.199	0.027	0.105	0.002	0.129				99.339	1832.12529
Mccq15210201	3.221	0.052	0.017	0.016	53.848	40.787	0	0.122	0.223	0.029	0.016	0	0.227				98.558	16.56721
Mccq15210202	3.516	0.089	0.016	0	53.893	40.709	0.001	0.243	0.329	0.035	0.068	0.022	0.225				99.146	35.80638
Ya010101	3.292	0.075	0.042	0.004	54.65	40.223	0.005	0.158	0.312	0.087	0.057	0	0.553	0	0.915	0	100.373	5702.21013
Ya010102	2.093	0	0.009	0	54.267	39.607	0	0.053	0.475	0.131	0.082	0	0.653	0	0.692	0	98.062	7234.94459
Ya010201	2.118	0.02	0.011	0	55.372	39.905	0.02	0.131	0.676	0.06	0.025	0.025	0.619	0.008	0.955	0	99.945	4441.95172
Ya010201	2.118	0.02	0.011	0	55.372	39.905	0.02	0.131	0.676	0.06	0.025	0.025	0.619	0.008	0.955	0	99.945	4441.95172
Ya010201	2.118	0.02	0.011	0	55.372	39.905	0.02	0.131	0.676	0.06	0.025	0.025	0.619	0.008	0.955	0	99.945	4441.95172
Ya010201	2.118	0.02	0.011	0	55.372	39.905	0.02	0.131	0.676	0.06	0.025	0.025	0.619	0.008	0.955	0	99.945	4441.95172
Ya010201	2.118	0.02	0.011	0	55.372	39.905	0.02	0.131	0.676	0.06	0.025	0.025	0.619	0.008	0.955	0	99.945	4441.95172
Ya010201	2.118	0.02	0.011	0	55.372	39.905	0.02	0.131	0.676	0.06	0.025	0.025	0.619	0.008	0.955	0	99.945	4441.95172
Ya010201	2.118	0.02	0.011	0	55.372	39.905	0.02	0.131	0.676	0.06	0.025	0.025	0.619	0.008	0.955	0	99.945	4441.95172
Ya010201	2.118	0.02	0.011	0	55.372	39.905	0.02	0.131	0.676	0.06	0.025	0.025	0.619	0.008	0.955	0	99.945	4441.95172
Ya010201	2.118	0.02	0.011	0	55.372	39.905	0.02	0.131	0.676	0.06	0.025	0.025	0.619	0.008	0.955	0	99.945	4441.95172
Ya010201	2.118	0.02	0.011	0	55.372	39.905	0.02	0.131	0.676	0.06	0.025	0.025	0.619	0.008	0.955	0	99.945	4441.95172
Ya010201	2.118	0.02	0.011	0	55.372	39.905	0.02	0.131	0.676	0.06	0.025	0.025	0.619	0.008	0.955	0	99.945	4441.95172
Ya010201	2.118	0.02	0.011	0	55.372	39.905	0.02	0.131	0.676	0.06	0.025	0.025	0.619	0.008	0.955	0	99.945	4441.95172
Ya010201	2.118	0.02	0.011	0	55.372	39.905	0.02	0.131	0.676	0.06	0.025	0.025	0.619	0.008	0.955	0	99.945	4441.95172
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Ya010201	2.118	0.02	0.011	0	55.372	39.905	0.02	0.131	0.676	0.06	0.025	0.025	0.619	0.008	0.955	0	99.945	4441.95172
Ya010201	2.118	0.02	0.011	0	55.372	39.905	0.02	0.131	0.676	0.06	0.025	0.025	0.619	0.008	0.955	0	99.945	4441.95172
Ya010201	2.118	0.02	0.011	0	55.372	39.905	0.02	0.131	0.676	0.06	0.025	0.025	0.619	0.008	0.955	0	99.945	4441.95172
Ya010201	2.118	0.02	0.011	0	55.372	39.905	0.02	0.131	0.676	0.06	0.025	0.025	0.619	0.008	0.955	0	99.945	4441.95172
Ya010201	2.118	0.02	0.011	0	55.372	39.905	0.02	0.131	0.676	0.06	0.025	0.025	0.619	0.008	0.955	0	99.945	4441.95172
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Ya010201	2.118	0.02	0.011	0	55.372	39.905	0.02	0.131	0.676	0.06	0.025	0.025	0.619	0.008	0.955	0	99.945	4441.95172
Ya010201	2.118	0.02	0.011	0	55.372	39.905	0.02	0.131	0.676	0.06	0.025	0.025	0.619	0.008	0.955	0	99.945	4441.95172
Ya010201	2.118	0.02	0.011	0	55.372	39.905	0.02	0.131	0.676	0.06	0.025	0.025	0.619	0.008	0.955	0	99.945	4441.95172
Ya010201	2.118	0.02	0.011	0	55.372	39.905	0.02	0.131	0.676	0.06	0.025	0.025	0.619	0.008	0.955	0	99.945	4441.95172
Ya010201	2.118	0.02	0.011	0	55.372	39.905	0.02	0.131	0.676	0.06	0.025	0.025	0.619	0.008	0.955	0	99.945	4441.95172
Ya010201	2.118	0.02	0.011	0	55.372	39.905	0.02	0.131	0.676	0.06	0.025	0.025	0.619	0.008	0.955	0	99.945	4441.95172
Ya010201	2.118	0.02	0.011	0	55.372	39.905	0.02	0.131	0.676	0.06	0.025	0.025	0.619	0.008	0.955	0	99.945	4441.95172
Ya010201	2.118	0.02	0.011	0	55.372	39.905	0.02	0.131	0.676	0.06	0.025	0.025	0.619	0.008	0.955	0	99.945	4441.95172
Ya010201	2.118	0.02	0.011	0	55.372	39.905	0.02	0.131	0.676	0.06	0.025	0.025	0.619	0.008	0.955	0	99.945	4441.95172
Ya010201	2.118	0.02	0.011	0	55.372	39.905	0.02	0.131	0.676	0.06	0.025	0.025	0.619	0.008	0.955	0	99.945	4441.95172
Ya010201	2.118	0.02	0.011	0	55.372	39.905	0.02	0.131	0.676	0.06	0.025	0.025	0.619	0.008	0.955	0	99.945	4441.95172
Ya010201	2.118	0.02	0.011	0	55.372	39.905	0.02	0.131	0.676	0								

Table DR2 (Continued)

Ya010202	2.076	0.04	0	0	55.059	39.939	0.015	0.148	0.552	0.045	0.018	0	0.657	0.006	0.944	0	99.499	1693.16247	10.67532
Ya010301	2.118	0.02	0.011	0	55.372	39.905	0.02	0.131	0.676	0.06	0.025	0.025	0.619	0	0.742	0	99.724	1625.16902	17.54467
Ya010302	2.076	0.04	0	0	55.059	39.939	0.015	0.148	0.552	0.045	0.018	0	0.657	0.004	0.696	0	99.249	1697.63222	19.55108
Ya010401	3.318	0.246	0.116	0.001	53.569	39.202	0.018	0.271	0.434	0.036	0.086	0	0.307	0.952	0.616	0.052	99.224	1625.16902	17.54467
Ya010402	3.366	0.207	0.116	0	53.137	39.659	0.004	0.255	0.459	0.147	0.036	0	0.345	0.933	0.565	0.038	99.267	1697.63222	19.55108
Ya010501	2.902	0.249	0.12	0	53.196	39.757	0.008	0.276	0.38	0.16	0.09	0.069	0.327	0.968	0.518	0	99.02		48.92204
Ya010502	2.92	0.336	0.1	0.018	52.571	39.072	0.027	0.333	0.692	0.157	0.029	0	0.256	0.842	1.111	0	98.464		390.20065
Ya030101	3.337	0.153	0.182	0	53.342	38.229	0.003	0.116	0.145	0.184	0.057	0	0.148			0	95.896	2230.41512	42.79709
Ya030102	3.497	0.162	0.181	0	53.388	38.014	0	0.124	0.049	0.168	0.054	0	0.154			0	95.791	3150.47272	38.65048
Ya030201	3.198	0.337	0.087	0	54.428	38.963	0.014	0.06	0.108	0.119	0.113	0	0.043			0	97.47	1235.0853	44.18199
Ya030202	3.197	0.202	0.2	0	53.449	38.005	0	0.147	0.128	0.139	0.079	0.033	0.16			0.033	95.739	949.57304	63.52125
Ya030301	3.477	0.225	0.136	0	53.328	38.274	0	0.137	0.178	0.146	0.038	0	0.141			0	96.08	1680.03092	139.93575
Ya030302	4.1	0.346	0.083	0	51.406	39.108	0.009	0.638	0.551	0.081	0.043	0	0.501	0.938	1.103	0	98.907	973.32044	443.21263
Ya030401	3.389	0.206	0.122	0	51.983	39.637	0	0.425	0.515	0.115	0.09	0	0.517	0.992	0.635	0	98.626	54810.36073	114.13269
Ya030402	3.493	0.367	0.077	0.007	51.324	38.629	0.016	0.457	0.8	0.117	0.04	0	0.47	0.912	1.266	0	97.975		133.83362
Ya30101	4.01	0.261	0.079	0	52.003	39.406	0	0.45	0.365	0.093	0.011	0	0.121	0.822	0.733	0.014	98.368		15.34811
Ya30102	4.625	0.266	0.216	0	52.71	38.213	0.009	0.11	0.092	0.199	0.045	0	0.127			0	96.612		24.2785
Ya30201	4.568	0.152	0.004	0	54.103	40.416	0.026	0.292	0.504	0.06	0.094	0.05	0.081	0	0.822	0	101.172		21.92615
Ya30202	4.605	0.309	0.039	0	53.777	39.302	0	0.618	0.425	0.096	0.018	0	0.091	0	0.533	0	99.813		17.99741
Ya30301	4.585	0.344	0.138	0	52.376	38.075	0	0.182	0.204	0.233	0.095	0	0.195			0	96.427		11.16207
Ya30302	3.812	0.215	0.164	0.002	52.663	38.05	0.004	0.166	0.243	0.195	0.111	0	0.07			0	95.695		15.54488
Ya30401	3.826	0.233	0.235	0	51.963	38.709	0	0.135	0.098	0.246	0.089	0	0.136			0	95.67	206.08071	25.71092
Ya30501	2.535	0.477	0.119	0	53.928	37.13	0.04	0.112	0.505	0.178	0.072	0	0.074			0	95.17	238.94778	20.83689
Ya30502	4.349	0.291	0.139	0	51.797	36.634	0.007	0.191	0.846	0.124	0.112	0	0.117			0	94.607		25.54768
Ya30601	3.385	0.473	0.136	0.003	52.577	38.013	0.017	0.158	0.271	0.175	0.057	0	0.131			0	95.396	928.48927	17.43328
Ya30602	4.111	0.47	0.155	0	52.921	37.419	0	0.19	0.273	0.163	0.078	0	0.107			0	95.887		21.92615
Ya30701	4.275	0.286	0.204	0	53.422	37.942	0.014	0.13	0.091	0.171	0.072	0.017	0.167			0.017	96.791		16.99473
Ya30702	4.128	0.226	0.216	0	52.513	37.911	0	0.166	0.256	0.181	0.066	0	0.176			0	95.839		19.92826
Ya30801	4.398	0.227	0.145	0	53.14	37.518	0	0.126	0.177	0.178	0.05	0	0.124			0	96.083		19.18104
Ya30802	3.005	0.272	0.177	0	53.007	38.317	0.005	0.151	0.184	0.173	0.047	0	0.139			0	95.477	559.19754	11.74557
Ya30901	3.414	0.245	0.141	0	52.75	37.702	0	0.145	0.383	0.177	0.054	0	0.136			0	95.147	1051.60254	15.94601
Ya30902	4.197	0.23	0.091	0	53.353	38.679	0.018	0.068	0.061	0.126	0.08	0	0.091			0	96.994		16.77961

Table DR2 (Continued)

ya301001	3.218	0.136	0.034	0	54.005	40.046	0.015	0.3	0.507	0.104	0.089	0	0.703	0	0.906	0	100.063	802.36738	19.42695
ya301002	3.124	0.077	0.044	0	54.867	40.16	0	0.319	0.594	0.179	0.086	0	0.674	0	0.677	0	100.801	1369.55483	18.22815
Dur101601	2.943	0.156	0	0.017	55.298	40.114	0.01	0.185	0.212	0.061	0	0	0.33	0	0.461	0	99.787	1293.57898	24.74688
Dur101602	2.732	0.193	0.022	0	54.931	39.791	0.008	0.128	0.216	0.052	0	0	0.322	0	0.498	0	98.893	1081.63364	17.21261
Dur101603	3.115	0.176	0	0.003	54.911	39.84	0.024	0.201	0.218	0.018	0.014	0	0.341	0	0.48	0.031	99.372	1652.34995	27.40184
Dur101604	3.044	0.184	0.026	0	54.794	40.213	0	0.179	0.206	0.146	0.007	0	0.338	0	0.501	0.039	99.677	1481.98795	23.81898
Dur101605	3.45	0.201	0	0	54.748	40.571	0.01	0.173	0.281	0.058	0	0.036	0.31	0	0.489	0	100.327	3976.23546	22.92588
Dur101606	2.888	0.161	0.005	0.002	54.768	40.485	0.013	0.151	0.229	0.07	0.01	0	0.344	0	0.434	0.004	99.564	1286.81445	19.92826
Dur101607	3.326	0.168	0	0	55.12	40.633	0	0.164	0.179	0	0	0.048	0.318	0	0.464	0	100.42	2403.11312	21.64861
Dur101608	3.294	0.202	0.027	0.005	55.274	40.606	0	0.144	0.224	0.035	0.003	0.079	0.338	0	0.612	0	100.843	2381.69407	19.05926
Dur101609	2.98	0.165	0	0.016	55.449	40.865	0.008	0.222	0.202	0.06	0.029	0	0.352	0	0.588	0.004	100.94	1439.06379	31.32348
Dur1016010	2.962	0.152	0.047	0.012	55.11	41.022	0.002	0.187	0.227	0.06	0	0.044	0.239	0	0.472	0	100.536	939.22321	25.06414
Dur1016011	3.288	0.187	0.004	0	55.423	40.51	0.012	0.173	0.231	0.042	0.004	0.087	0.326	0	0.488	0	100.775	2226.14971	22.92588
Dur1016012	3.141	0.134	0.005	0	55.335	41.037	0.013	0.175	0.198	0.045	0.04	0.062	0.331	0	0.587	0.016	101.119	1662.67999	23.21979
Dur1016013	3.629	0.213	0.012	0	55.932	39.945	0.02	0.188	0.23	0.057	0	0.019	0.352	0	0.483	0.036	101.116	-10078.8636	25.22429

Table DR3 Apatite trace elements

Analysis Spot	Trace element (ppm)													
	Ti	V	Mn	Rb	Sr	Y	Zr	Nb	La	Ce	Pr	Nd		
RDX1512-5-2	2.25	4.26	662	0.0995	960.74	261.14	0.572	0.0131	898.54	2142.31	293.47	1168.12		
RDX1512-5-1	1.85	3.5	662.1	0.21	961.16	555.46	2.3	0.0228	1719.69	4259.32	585.86	2354.01		
RDX1512-6	2.66	8.68	404.28	0.1733	783.4	337.37	1.211	0.0264	1027.28	2525.05	352.11	1425.53		
RDX1512-7	2.37	7.72	368.83	0.1886	790.03	371.02	1.144	0.0139	1107.89	2769.13	384.2	1540.25		
RDX1512-10	3.51	3.4	337.11	0.27	756.56	526	2.25	0.0356	1501.62	3936.74	548.49	2222.69		
RDX1512-11	1.76	5.71	424.98	0.1111	764.09	245.36	0.642	0.011	756.81	1869.6	261.33	1063.78		
RDX1515-1-1	0.72	1.405	617.58	0.123	936.93	222.52	0.233	0.016	792.48	1926.61	250.67	971.76		
RDX1515-1-2	0.75	0.78	594.34	0.108	908.59	212.81	0.242	0.017	742.57	1806.37	237.65	917.89		
RDX1515-4-1	0.72	7.62	464.59	0.114	813.38	360.48	0.51	0.0108	1126.51	3007.71	371.2	1486.17		
RDX1515-4-2	0.72	6.7	318.02	0.116	723.84	289.52	0.6	0.0208	859.01	2319.17	304.07	1199.71		
RDX1515-7-2	1.59	8.08	344.69	0.25	604.45	294.64	0.65	0.034	755.23	1573.76	225.16	1001.4		
RDX1515-8-1	0.66	5.17	321.26	0.107	686.89	237.89	0.24	0.0192	636.23	1623.23	219.32	876.17		
RDX1515-8-2	0.71	5.06	584.86	0.114	910.14	240.85	2.34	0.0186	795.96	2051.14	262.03	1015.43		
RDX1501050101	26.83	13.65	898.95	0.797	287.41	316.85	0.994	0.0178	2242.36	3916.02	362.18	1184.22		
RDX1501050102	22.53	9.81	1930.94	0.194	274.49	155.11	0.31	0.0101	863.12	1654.46	163.59	538.99		
RDX1501050201	28.11	10.51	1692.01	0.841	354.73	775.48	0.779	0.0255	642.37	1607.54	206.88	857.85		
RDX1501050202	20.66	10.74	2403.96	0.193	168.32	508.77	1.153	0.0101	1311.84	2792.85	297.04	1067.83		
RDX1501050301	21.92	10.37	590.25	0.195	515.34	248.91	0.689	0.019	1209.68	2333.37	253.72	956.18		
RDX1501050302	38.51	6.01	1714.66	0.961	459.75	1202.43	0.372	0.212	381.9	1169.83	171.61	805.79		
RDX1501050401	24.79	9.58	2163.95	0.183	320.07	183.77	0.454	0.0113	1050.31	1994.76	191.39	624.55		
RDX1501050402	23.73	12.97	821.41	0.199	219.81	351.82	1.319	0.0213	1600.12	2973.4	321.27	1213.16		
RDX1501050501	20.7	10.14	762.29	0.202	279.06	202.2	1.058	0.0155	2046.6	2970.02	244.4	767.15		
RDX1501050502	1122.98	10.18	809.79	0.193	480.8	138.18	1530.61	2.229	785.01	1271.2	133.06	522.64		
RDX1501050503	20.55	11.16	772.23	0.195	532.06	345.88	1.264	0.0128	1671.86	2713.75	264.44	972.25		
RDX1501050504	16.96	11.27	779.98	0.206	291.46	309.3	0.632	0.017	1622.16	2897.38	294.28	1025.48		
RDX1501050505	21.47	9.05	848.71	0.186	443.95	407.57	0.321	0.0181	639.62	1375.92	168.81	724.98		
RDX1501050506	20.82	10.4	809.3	0.199	286.07	187.35	0.924	0.0152	2137.17	3201.59	270.61	831.46		
RDX1501050507	26.67	3.188	1108.89	0.674	459.42	1055.16	0.106	0.0194	431.62	1235.67	175.69	752.59		
MD-1-1	0.88	8.51	665.87	0.136	1027.1	192.3	1.27	0.039	1176.74	2394.26	256.12	856.56		
MD-1-2	1.5	22.23	677.77	0.136	993.41	175.86	2.25	0.029	989.68	2013.65	223.48	757.2		

Table DR3 (Continued)

MD-1-3	0.8	8.08	684.82	0.134	999.03	185.91	0.72	0.036	1064.06	2184.26	238	799.28
MD-1-4	0.8	10.5	699.58	0.134	989.64	266.21	1.41	0.036	1378.83	2993.55	323.6	1124.55
MD-1-5	1.02	6.73	675.53	0.134	1019.06	174.13	0.56	0.0208	918.77	1920.53	216.03	763.94
MD-1-6	0.86	8.64	692.4	0.14	1036.23	202.75	0.6	0.0222	1165.67	2424.95	260.25	883.46
MD-1-7	0.82	6.1	682.02	0.133	1007.75	158.66	0.55	0.028	874.66	1813.92	200.99	682.2
MD-1-8	0.85	10.56	685.32	0.137	1021.17	244.74	1.22	0.0321	1303.66	2769.8	299.32	1038.62
MD-1-9	0.78	10.79	688.99	0.134	980.55	254.25	3.78	0.029	1401.82	2936.83	308.84	1048.51
MD-1-10	0.78	5.62	648.7	0.128	611.46	268.89	24.91	0.033	398.5	1138.14	162.4	657.71
MD-1-11	1.05	4.36	655.29	0.136	496.51	251.05	0.52	0.028	360.4	1039.48	147.28	597.48
MD-1-12	0.73	9.65	694.85	0.136	1045.67	222.12	1.02	0.032	1324.44	2774.15	290.33	980.4
MD-1-13	1.84	16.32	674.26	0.145	1014.84	114.93	0.65	0.12	702.57	1370.88	148.24	505.06
MD-1-14	0.59	8.23	674.86	0.102	1002.55	207.56	0.45	0.021	1181.21	2586.21	266.79	890.49
MD-1-15	0.79	10.61	697.42	0.156	1001.49	241.29	0.65	0.0246	1310.09	2790.92	295.42	1024.61
MD-1-16	1.04	8.42	660.72	0.136	948.06	196.55	1.06	0.027	1116.47	2298.15	245.47	827.88
MD-1-17	0.7	8.22	647.59	0.131	912.36	181.27	0.62	0.027	959.53	2058.05	221.49	743.48
MD-1-18	1.01	9.65	676.84	0.145	999.99	229.35	0.92	0.025	1227.04	2641.8	278.97	956.1
MD-1-19	0.81	10.27	690.55	0.143	1024.86	235.2	1.06	0.034	1261.88	2701.19	285.63	965.32
MD-1-20	0.78	8.74	676.08	0.141	972.85	208.88	1.22	0.033	1116.07	2340.68	254.81	863.92
MD-1-21	0.81	8.11	685.27	0.14	1009.43	233.03	0.87	0.0285	1211.97	2642.34	287.29	991.91
MD-1-22	0.73	8.31	678	0.14	933.68	180.61	0.59	0.028	976.81	2030.77	217.09	725.58
MD-1-23	0.65	10.21	686.54	0.139	965.28	230.34	0.62	0.029	1215.62	2596.12	276.11	950.86
MD-1-24	0.95	8.6	664.41	0.133	994.02	189.39	0.53	0.0259	1127.56	2347.52	249.33	833.28
MD-1-25	1.45	25.63	701.58	0.135	999.83	213.84	2.79	0.028	1142.96	2448.24	264.95	904.48
MD-1-26	0.69	9.49	685.82	0.131	1052.66	227.31	0.97	0.03	1140.13	2381.05	252.14	861.72
MD-1-27	6.78	7.49	670.64	0.135	1038.02	223.17	1.03	0.0312	793.74	1565.32	172.44	602.02
MD-1-28	0.75	12.96	691.01	0.138	962.64	239.34	1.74	0.031	1244.61	2688.55	285.87	982.17
MD-1-29	1.28	20.29	705.5	0.14	945.93	183.82	1.63	0.028	977.24	2050.86	222.98	763.94
SR1546-1-1	1.165	0.769	1172.56	0.1894	229.83	997.29	0.168	0.0062	77.93	381.84	83.82	583.37
SR1546-1-2	0.904	0.78	1219.03	0.2245	220.32	1070.15	0.087	0.0038	88.19	428.52	92.13	617.33
SR1546-2-1	1.39	2.889	1407.32	0.498	188	1795.66	0.496	0.0239	469.02	1509.74	261	1381.31
SR1546-3-1	2.06	7.67	866.26	0.453	217.35	1838.03	0.743	0.0389	155.76	766.02	169.33	1099.95

Table DR3 (Continued)

SR1546-3-2	1.54	4.15	1097.98	0.532	202.98	1943.3	0.288	0.0165	220.38	982.64	208.76	1278.16
SR1546-4-1	1.34	2.035	1397.47	0.649	183.02	2133.29	0.361	0.0088	324.21	1208.01	235.66	1374.65
SR1546-4-2	12.74	2.715	1449.14	0.591	175.83	1952.74	0.535	0.47	315.45	1130.51	216.76	1266.45
SR1546-5-1	1.31	1.655	1442.64	0.738	175.51	2800.58	2.86	0.0195	446.12	1627.84	312.91	1808.32
SR1546-5-2	1.178	2.532	1472.14	0.582	166.8	2152.65	0.362	0.016	395.59	1392.8	261.23	1470.37
SR1546-6-1	1.22	2.703	1279.22	0.518	167.66	1851.19	0.271	0.018	434.44	1509.85	262.24	1382.21
SR1596-1-2	1.61	3.83	230.98	0.662	203.03	1551.96	0.55	0.023	199.82	510.33	87.35	498.61
SR1596-2-1	-29.5	2.28	293.19	0.06	179.69	75.25	12.73	-0.2	52.83	137.48	17.93	70.54
SR1596-3-2	-32.94	4.3	361.69	3.72	239.5	210.06	64.23	0.46	86.93	198.73	45.03	174.52
SR1596-4-1	1.2	9.93	420.96	0.33	230.9	864.96	0.841	0.0179	1279.54	3147.84	403.83	1635.67
SR1596-4-2	1.07	6.07	377.43	0.436	213.49	1235.05	1.48	0.0187	1907.82	4316.93	564.16	2330.41
SR1596-5	26.99	11.51	416.72	9.8	335.16	1114.92	39.59	-0.02	899.05	3006.71	392.68	1675.58
SR1596-6	848.92	11.36	578.71	3.97	226.81	1104.01	68.91	0.14	1065.01	1734.09	316.79	1507.26
SR66-13	0.833	2.298	563.98	0.0193	303.08	48.12	0.159	0.00213	162.79	438.69	46.5	179.7
SR66-14	0.681	6.14	477.98	0.1496	306.42	233.76	0.845	0.0112	685	1667.84	207.95	812.42
SR66-15	1.111	4.65	502.4	0.1924	313.37	247.07	0.596	0.0101	672.92	1684.19	214.07	832.69
SR66-16	0.89	2.983	643.83	0.0828	310.26	80.76	0.268	0.00302	328.38	809.04	85.26	333.62
SR66-17	1.071	4.96	473.48	0.1566	311.62	230.3	0.711	0.0064	705.28	1812.22	224.07	838.03
SR66-18	0.708	2.922	563.18	0.0235	308.21	88.3	0.268	0.00264	276.37	745.26	80.75	321.74
SR66-19	48.13	7.52	620.62	0.1836	317.63	277.79	326.1	0.0262	763.26	1936.95	244.99	970.71
SR66-20	488.62	5.94	421.39	1.643	290.35	263.15	1.705	4.77	216.74	772.46	103.78	521.9
SR66-21	0.935	4.61	473.87	0.0606	303	184.74	0.645	0.0102	551.93	1445.25	174.42	645.37
SR66-23	1.08	4.63	561.83	0.0839	310.58	226.75	0.604	0.0091	652.7	1608.18	199.99	753.75
SR66-24	5.37	4.07	360.25	0.1674	307	187.92	0.385	0.0102	116.2	519.42	78.44	411.85
SR1583-6-1	0.83	2.853	560.96	0.052	315.51	127.74	0.301	0.0084	248.54	647.16	80.32	351.84
SR1583-6-2	1.31	2.798	620.61	0.0473	318.35	108	0.279	0.005	283.16	819.44	89.32	350.39
SR1583-7-2	47.24	6.96	474.68	3.14	256.01	82.22	8.1	0.36	212.66	454.26	64.2	270.92
SR1583-8-2	1.15	4.71	608.91	0.294	329.64	289.08	0.732	0.0137	710.8	1684.02	220.24	844.84
SR1583-9-1	1.235	4.93	582.1	0.1373	326.79	313.64	0.931	0.01	726.71	1791.84	236.8	934.24
SR1583-9-2	1.205	5.15	700.4	0.1309	338.16	313.95	0.847	0.008	830.88	2003.46	260.14	1007.63
SR1583-10-1	1.84	5.49	655.51	0.211	337.45	295.49	0.716	0.0077	746.45	1799.1	234.82	948.86
SR1583-10-2	-41.98	6.81	531.01	0.84	297.31	330.23	26.88	0.02	826.68	1703.84	219.79	1018.82

Table DR3 (Continued)

SR83-2-1	51.35	3.63	707.91	1.06	326.45	101.87	103.56	-0.03	397.55	900.12	122.16	387.14
SR66-1	0.985	5.39	423.83	0.0843	300.64	231.68	0.766	0.0112	536.26	1419.71	182.02	722.37
SR66-2	0.928	8.5	412.25	0.1065	295.85	238.69	0.77	0.0087	452.51	1275.48	165.7	680.68
SR66-3	1.021	4.14	411.83	0.0711	297.43	234.96	0.649	0.0084	317.9	943.82	117.64	532.7
SR66-4	0.765	3.46	418.54	0.044	305.88	134.24	0.39	0.0064	397.63	993.17	114.02	456.46
SR66-5	1.029	4.96	588.21	0.276	316.25	230.5	0.842	0.0086	697.89	1673.79	214.13	802.68
SR66-6	0.909	5.14	439.11	0.0947	300.74	297.82	1.165	0.0096	793.07	1975.41	251.3	937.69
SR66-7	2.56	4.84	484.46	0.1423	305.16	326.4	1.014	0.0172	928.38	2236.86	280.44	1132.1
SR66-9	0.834	4.47	510.32	0.0731	308.03	230.27	0.637	0.0126	599.48	1512.03	193.29	743.59
SR66-10	0.654	4.48	610.36	0.105	331.15	357.06	0.65	0.0053	712.3	1909.68	259.85	1137.13
SR66-11	0.743	4.45	529.34	0.0657	307.92	235.02	0.656	0.0118	663.92	1701.75	212.59	783.98
SR66-12	0.87	4.64	479.22	0.0704	305.79	192.72	0.472	0.0056	447.9	1182.88	143.19	587.29
SR1545-4-1	-381.21	24.39	3149.42	-0.99	225.4	1479.71	9.06	-0.32	453.3	1602.3	178.46	934.59
SR1545-4-2	-58.49	14.12	923.17	0.49	153.38	1493.95	16.61	-0.68	445.45	1160.03	206.42	1176.22
SR1545-7-2	-15.22	2.99	486.31	0.9	131.28	1559.47	1.83	0.42	164.07	495.89	107.59	785.66
SR1545-9-2	-44.97	16.39	1024.82	3.05	139.67	1007.61	26.28	0.45	423.38	1049.56	170.95	1001.79
SR1593-2	803.17	2.81	215.24	7.88	58.76	54.74	10.99	1.17	268.57	614.06	58.9	268.68
SR1593-4	3.68	14.92	383.36	0.589	232.3	468.59	10.48	0.0455	1196.16	2639.99	312.41	1177.56
SR1593-5	62.43	6.37	351.3	1.83	192.28	166.71	69.19	0.76	209.2	572.13	56.12	221.71
SR1593-6-1	1.31	14.15	455.53	0.195	220.55	512.77	0.555	0.0162	1551.2	3487.59	367.43	1453.32
SR1583-1-1	4.08	4.39	509.63	0.283	304.99	218.35	0.536	0.0066	618.52	1530.21	179.53	718.26
SR1583-1-2	1.006	4.98	447.26	0.0688	294.96	216.57	0.649	0.0074	507.95	1333.73	155.75	659.55
SR1583-3	3.51	6.67	514.5	0.876	294.52	364.25	1.3	0.0177	931.43	2428.4	287.58	1258.83
SR1583-4-1	0.944	3.25	660.49	0.0484	302.46	141.47	0.311	0.00602	427.18	1068.45	110.66	469.8
SR1583-4-2	1.175	3.06	534.89	0.0503	297.27	121.85	0.276	0.00185	282.82	758.93	81.4	366.18
SG3-8-1	795.32	10.28	394.23	0.815	2167.35	171.59	272.79	5.37	303.22	752.13	100.32	399.05
SG3-8-2	5.33	4.69	340.77	0.1309	2760.68	100.33	3.12	0.0313	180.07	430.99	57.8	238.7
SG3-9-1	471.1	4.83	353.73	0.097	2532.25	126.48	6.68	3.96	175.47	428.71	57.51	237.14
SG1-5-1	18.82	5.12	455.46	0.0903	939.48	148.38	0.217	0.0203	260.93	595.2	66.36	237.5
SG1-6-1	3.74	2.62	512.67	6.45	1542.65	161.88	2.57	0.0341	144.89	352.15	47.58	205.52
SG1-6-2	4.59	2.204	402.21	0.179	2529.02	118.9	3.13	0.0339	154.93	395.67	52.96	229.9
SR1566-18	20.79	4.68	1688.66	0.311	431.02	1452.68	0.065	0.0176	259.49	920.59	154.91	777.87

Table DR3 (Continued)

SI1566-19	20.03	6.06	844.68	0.264	312.11	1982.14	0.285	0.0206	603.02	2093.27	331.81	1567.12
SI1566-20	21.31	6.79	1416.9	0.362	317.59	2509.87	0.881	0.0185	572.67	1875.41	292.97	1419.71
SI1583-01	19.41	1.427	675.35	0.439	372.22	1163.08	0.06	0.0075	461.38	1302.81	188.47	846.98
SI1583-02	60.02	3.151	720.31	3.3	361.11	1255.64	0.103	0.0315	559.69	1660.17	242.49	1093.74
SI1583-03	18.53	6.87	1006.3	0.284	411.05	1137.1	0.052	0.0216	298.74	1133.35	180.03	813.45
SI1583-04	20.31	3.4	1085.42	0.294	438.85	1218.08	0.36	0.014	399.34	1172.82	171.02	795.58
SI1583-05	1372.86	9.46	1003.99	0.246	430.05	970.75	1.053	39.38	310.14	1194.25	197.32	961.34
SI1583-06	21.14	7.54	843.42	0.338	325.91	2335.44	1.026	0.0185	663.71	2128.11	325.69	1562.47
SI1583-07	31.4	3.29	801.44	2.18	373.65	1183.55	0.566	0.0139	389.35	1434.34	233.49	1103.55
SI1583-08	584.91	7.25	933.2	0.539	319.04	1874.96	0.571	0.917	549.72	1638.44	246.14	1175.13
SI1583-09	22.19	8.52	683.71	0.237	301.15	2097.71	0.709	0.0221	715.54	2595.22	413.51	1923.21
SI1583-010	17.74	2.431	910.45	0.207	410.23	1658.08	0.44	0.039	511.67	1552.46	230.02	1059.68
SI1583-011	20.33	5.52	1195.1	0.203	428.65	1339.38	0.046	0.0109	469.21	1410.84	208.89	952.6
SI1583-012	26.67	3.188	1108.89	0.674	459.42	1055.16	0.106	0.0194	431.62	1235.67	175.69	752.59
SI1583-014	26.83	13.65	898.95	0.797	287.41	316.85	0.994	0.0178	2242.36	3916.02	362.18	1184.22
NMQ76-1-1	0.655	0.645	611.38	0.255	579.03	675.74	0.112	0.0041	141.71	536.44	101.44	600.32
NMQ76-1-2	0.803	0.604	607.21	0.251	581.58	713.62	0.08	0.0044	140.05	570.78	106.74	617.47
NMQ76-1-3	0.829	0.505	843.57	0.323	574.67	806.37	0.116	0.0045	113.43	418.72	77.54	475.79
NMQ76-1-4	0.708	0.972	853.5	0.357	581.58	924.65	0.224	0.0087	168.63	639.08	117.4	685.89
NMQ76-1-5	0.734	1.128	626.37	0.321	548.11	871.68	1.829	0.007	101.85	415.37	82.08	527.34
NMQ76-1-6	0.934	1.981	802.62	0.349	579.09	955.09	6.97	0.0049	188.72	734.49	135.24	781.36
NMQ76-1-7	0.36	0.892	554.62	0.267	528.34	600.18	0.05	0.0048	49.16	171.56	37.25	260.38
NMQ76-1-8	0.847	1.014	642.49	0.27	549.11	714.07	957.29	0.0171	90.6	378.62	74.71	470.55
NMQ76-1-9	0.73	0.458	840.34	0.279	579.22	759.92	0.387	0.005	133.27	496.33	88.32	508.55
NMQ76-1-10	0.657	0.62	832.32	0.254	583.52	692.67	0.139	0.005	148.46	568.36	101.75	578.67
NMQ76-1-11	0.826	1.162	940.09	0.392	588.46	1003.98	272.85	0.0108	202.06	733.86	127.81	721.18
NMQ76-1-12	0.572	0.722	875.06	0.289	588.96	782.81	0.117	0.00398	170.73	621.82	108.49	614.67
NMQ76-1-13	0.774	1.956	814.23	0.376	567.86	1028.25	0.326	0.0078	254.19	894.29	159.11	878.84
NMQ76-1-14	0.72	1.803	697.26	0.499	566.07	906.89	0.255	0.0104	202.23	763.12	135.34	780.57
NMQ76-1-15	1.139	1.858	785.81	0.408	584.45	1012.25	0.21	0.0054	150.22	532.41	89.27	509.36
NMQ76-1-16	1.044	1.215	579.85	0.334	544.5	806.51	0.104	0.006	65.3	245.08	44.69	275.42
NMQ76-1-17	0.985	0.693	755.07	0.361	583.1	888.09	0.162	0.0055	165.56	606.29	103.73	582.35

Table DR3 (Continued)

NMQ76-1-18	1.165	1.548	565.1	0.398	541.44	939.79	0.173	0.0045	80.11	335.81	62.49	390.95
NMQ76-1-19	0.864	0.683	370.04	0.294	534.97	685.96	0.196	0.0073	64.89	270.93	52.87	339.7
NMQ76-1-20	1.097	1.645	407.4	0.317	554.07	800.38	0.138	0.0071	86.8	361.52	68.48	426.54
NMQ76-1-21	1.209	1.544	708.43	0.382	564.79	874.74	0.186	0.0052	162.39	541.97	87.42	483.06
NMQ76-1-22	1.192	2.006	638.81	0.367	564.32	894.22	63.32	0.008	159.89	571.24	97.3	559.17
NMQ76-1-23	1.012	1.32	855.25	0.409	584.42	1008.07	0.296	0.0061	191.57	670.89	110.58	610.57
NMQ76-1-24	0.936	1.771	850.04	0.427	594.87	1053.41	0.3	0.0063	220.79	764.87	127.85	709.85
NMQ76-1-25	14.29	1.402	744.59	1.528	565.96	927.4	0.15	0.0175	110.65	368.2	59.7	345.81
NMQ76-1-26	5.34	2.231	890.58	0.463	579.37	1145.24	0.836	0.0089	201.66	647.99	107.47	587.14
NMQ76-1-27	1.492	1.902	728.41	0.367	567.59	867.42	70.96	0.0093	160.65	543.96	87.4	480.8
NMQ76-1-28	1.182	2.833	720.09	0.413	577.65	1023.64	0.343	0.014	204.71	706.26	118.4	661.92
NMQ76-1-29	1.101	0.988	857.32	0.359	578.8	955.77	1.747	0.0075	160.63	554.28	94.81	550.15
NMQ76-1-30	1.031	2.039	980.55	0.405	596.45	1103.27	0.266	0.0077	238.97	808.35	139.03	757.47
NMQ76-1-31	0.841	2.443	899.08	0.409	587.85	1085.93	0.768	0.0073	217.62	696.2	113.41	640.28
NMQ76-1-32	0.944	2.093	681.86	0.338	560.23	906.04	0.721	0.0045	116.86	406.98	69.38	406.42
NMQ76-1-33	1.139	1.957	717.67	3.99	580.04	889.57	156.14	0.0202	132	460.42	78.65	456.42
NMQ76-1-34	0.994	2.2	828.87	0.382	585.66	1016.5	0.265	0.0108	197.74	672.7	110.37	621.39
NMQ76-1-35	1.62	2.101	830.8	0.461	571.47	1035.87	0.26	0.0103	191.79	623.35	102.22	587.2
NMQ76-1-36	0.813	2.13	906.15	0.354	582.67	1020.7	1.501	0.0063	210.36	687.55	112.6	638.46
NMQ76-1-37	1.42	1.177	671.12	0.386	569.18	878.22	17562.37	0.1334	113.62	388.79	66.26	394.7
NMQ76-1-38	0.749	1.487	576.91	0.359	546.97	952.33	0.52	0.0086	100.56	376.02	67.08	417.7
NMQ76-1-39	1.101	0.988	857.32	0.359	578.8	955.77	1.747	0.0075	160.63	554.28	94.81	550.15
NMQ76-1-40	1.031	2.039	980.55	0.405	596.45	1103.27	0.266	0.0077	238.97	808.35	139.03	757.47
NMQ76-1-41	0.841	2.443	899.08	0.409	587.85	1085.93	0.768	0.0073	217.62	696.2	113.41	640.28
NMQ76-1-42	0.944	2.093	681.86	0.338	560.23	906.04	0.721	0.0045	116.86	406.98	69.38	406.42
NMQ76-1-43	1.139	1.957	717.67	3.99	580.04	889.57	156.14	0.0202	132	460.42	78.65	456.42
NMQ76-1-44	0.994	2.2	828.87	0.382	585.66	1016.5	0.265	0.0108	197.74	672.7	110.37	621.39
NMQ76-1-45	1.62	2.101	830.8	0.461	571.47	1035.87	0.26	0.0103	191.79	623.35	102.22	587.2
NMQ76-1-46	0.813	2.13	906.15	0.354	582.67	1020.7	1.501	0.0063	210.36	687.55	112.6	638.46
NMQ76-1-47	1.42	1.177	671.12	0.386	569.18	878.22	17562.37	0.1334	113.62	388.79	66.26	394.7
NMQ76-1-48	0.749	1.487	576.91	0.359	546.97	952.33	0.52	0.0086	100.56	376.02	67.08	417.7
ZDI534-1-1	16.8	2.35	607.52	1.31	375.41	604.19	0.62	0.078	331.24	766.06	103.68	452

Table DR3 (Continued)

ZD1534-1-2	7.37	1.351	497.8	0.98	440.31	1595.18	0.26	0.013	248.8	524.27	78.96	432.82
ZD1534-2-1	1.85	6.38	621.91	0.0736	634.9	144.68	0.423	0.00453	662.08	1520.06	174.45	638.99
ZD1534-2-2	1.65	6.19	608.68	0.1549	505.49	175.11	0.236	0.00473	398.45	989.45	116.23	470.67
ZD1534-3-1	1.58	2.19	592.16	0.1142	551.78	252.67	0.742	0.00381	333.06	820.51	98.84	432.16
ZD1534-3-2	1.58	3.78	609.93	0.1073	631.89	169.91	0.378	0.008	516.45	1115.96	122.99	469.74
ZD1534-4-1	1.8	6.25	643.32	0.0764	679.53	138.8	0.481	0.00648	663.89	1599.75	177.49	633.8
ZD1534-4-2	2.31	10.02	648.58	0.043	701.07	95.33	1.003	0.0043	510.52	1154.66	125.9	461.66
ZD1534-5-1	1.64	2.571	586.75	0.0696	579.13	122.57	6.17	0.00446	375.59	847.54	90.08	347.82
ZD1534-5-2	1.93	3.178	578.71	0.1087	567.42	81.04	0.21	0.00531	227.79	461.83	43.69	146.95
ZD1534-6-1	1.82	5.19	609.83	0.1272	607.02	294.38	0.367	0.00611	438.13	1096.56	135.58	521.49
ZD1534-6-2	2.28	0.433	586.02	0.1562	530.32	338.18	0.188	0.0061	186.49	496.11	66.32	295.16
ZD1534-7-1	1.83	5.54	626.12	0.0739	694.8	166.98	0.446	0.0077	546.84	1438.16	185.83	687.97
ZD1534-7-2	1.98	4.96	603.97	0.0746	664.68	204.83	0.435	0.0071	433.87	1191.65	161.96	627.33
ZD1534-8-1	1.92	6.31	631.88	0.1334	606.29	136.73	0.525	0.0079	620.03	1443.74	174.94	608.68
ZD1534-8-2	1.83	6.42	619.48	0.1501	615.93	166.68	0.632	0.0085	685.3	1649.63	201.97	696.62
ZD1534-9-1	3.79	6.72	655.04	3.76	575.73	149.95	0.53	0.013	577.69	1286.89	157.77	582.52
ZD1534-9-2	2.43	6.61	616.9	0.1553	611.56	382.94	1.72	0.1023	563.86	1442.38	206.26	909.95
ZD1534-10-1	1.61	5.71	620.65	0.0826	646.2	215.72	0.457	0.0067	374.59	1048.83	144.17	581.19
ZD1534-10-2	1.58	5.66	618.62	0.1034	637.98	300	0.555	0.0094	439.9	1245.84	181.88	746.87
WI70101	0.979	4.88	639.2	0.0436	687.6	118.87	0.219	0.0058	138.41	432.1	59.93	282.44
WI70102	0.666	4.83	599.64	0.0573	773.61	133.22	0.393	0.0041	142.76	453.78	64.07	311.32
WI70201	1.94	5.22	528.99	0.343	825.16	170.36	0.275	0.0138	138.03	382.45	62.52	349.15
WI70202	0.776	4.88	630.85	0.0511	772.18	133.71	0.338	0.0074	149.45	487.86	68.59	327.45
WI70301	0.93	5.2	607.52	0.0679	880.68	152.31	0.524	0.0044	247.44	723.22	99.25	471.33
WI70302	0.718	5.18	568.84	0.0541	722.46	136.14	0.37	0.0061	150.07	488.01	68.92	334.07
WI70401	0.958	4.99	614.96	0.0549	732.98	131.68	0.795	0.0053	147.27	467.86	66.79	323.28
WI70402	0.706	4.91	651.03	0.0502	784.89	133.48	0.257	0.0066	157.72	505.47	70.85	340.65
WI70501	0.773	5.1	604.95	0.056	789.62	162.9	0.414	0.0891	181.7	590.42	83.81	404.68
CB31-1-1	0.956	8.8	601.07	0.464	309.87	717.8	0.761	0.0515	1757.47	3906.16	416.46	1526.11
CB31-1-2	0.873	19.15	551.38	0.398	303.18	542.56	0.533	0.0682	1295.22	2819.62	303.83	1115.99
CB31-2-1	0.645	6.97	666.14	0.374	326.87	901.62	0.392	0.048	637.23	2205.9	333.19	1510
CB31-2-2	0.97	6.24	661.73	2.385	341.38	936.64	0.462	0.0326	534.65	2061.73	320.3	1481.73

Table DR3 (Continued)

CB31-3-1	0.681	7.19	685.19	0.1931	303.41	435.28	0.419	0.0272	901.47	2354.2	276.58	1051.68
CB31-3-2	0.682	7.4	568.61	0.159	291.7	418.43	0.363	0.021	759.13	2105.44	255.06	978.47
CB31-4-1	0.629	8.94	816.65	0.1617	325.29	489.11	0.542	0.0815	1495.01	3762.38	409.67	1453.08
CB31-4-2	1.368	10.25	839.57	0.295	328.94	588.87	0.688	0.0678	1731.4	4213.49	471.79	1713.83
CB31-5-1	0.808	7.3	745.79	0.331	302.18	579.71	0.552	0.037	1505.24	3628.04	409.67	1510.18
CB31-5-2	0.732	9.11	778.63	0.286	302.39	733.71	0.768	0.0554	1889.54	4604.29	515.36	1895.69
CB31-6-1	53.76	10.41	916.74	8.23	272.34	528.31	0	0.33	1357.96	2858.17	300.3	1293.7
CB31-6-2	1.15	8.42	917.21	1.724	319	629.16	0.76	0.0529	1364.05	3324.51	381.62	1473.3
CB31-7-1	0.929	13.89	661.63	1.445	338.03	531.8	0.503	0.0491	1326.98	3108.13	346.29	1287.67
CB31-7-2	0.732	8.17	687.23	0.265	332.27	641.82	0.712	0.0536	1623.55	3903.96	426.79	1562.04
SG3-1-1	2.64	4.8	308.04	0.1184	1194.32	146.06	10.17	0.0145	239.77	531.58	63.39	284.61
SG3-1-2	2.99	3.84	334.02	0.167	2285.57	123.36	2.088	0.0647	210.81	546.98	69.34	332.81
SG3-2-1	-5.67	4.95	511.07	0.27	3081.54	262.95	2.06	0.524	627.78	1170.87	133.23	615.66
SG3-3-1	1.414	3.122	320.58	0.0911	1725.43	128.43	1.319	0.047	222.94	472.98	59.16	285.5
SG3-3-2	1.644	3.233	335.44	0.1007	1638.19	114.27	1.66	0.0625	203.73	496.12	57.79	264.72
SG3-4-1	2.95	6.04	374.37	0.494	969.17	216.4	2.72	0.0735	312	710.78	80.86	348.58
SG3-4-2	2.45	3.51	354.26	0.466	1267.86	142.86	1.987	0.0423	204.33	495.11	57.56	257.41
SG3-6-1	3.11	4.23	405.63	0.0749	2620.6	108.1	2.5	0.0589	156.96	395.21	48.97	233.95
SG3-6-2	2.82	4.5	358.48	0.1543	2988.4	89.76	3.25	0.0309	128.38	338.33	41.36	195.58
SG3-1-1	2.64	4.8	308.04	0.1184	1194.32	146.06	10.17	0.0145	239.77	531.58	63.39	284.61
SG3-1-2	2.99	3.84	334.02	0.167	2285.57	123.36	2.088	0.0647	210.81	546.98	69.34	332.81
SG3-2-1	-5.67	4.95	511.07	0.27	3081.54	262.95	2.06	0.524	627.78	1170.87	133.23	615.66
SG3-3-1	1.414	3.122	320.58	0.0911	1725.43	128.43	1.319	0.047	222.94	472.98	59.16	285.5
SG3-3-2	1.644	3.233	335.44	0.1007	1638.19	114.27	1.66	0.0625	203.73	496.12	57.79	264.72
SG3-4-1	2.95	6.04	374.37	0.494	969.17	216.4	2.72	0.0735	312	710.78	80.86	348.58
SG3-4-2	2.45	3.51	354.26	0.466	1267.86	142.86	1.987	0.0423	204.33	495.11	57.56	257.41
SG3-6-1	3.11	4.23	405.63	0.0749	2620.6	108.1	2.5	0.0589	156.96	395.21	48.97	233.95
SG3-6-2	2.82	4.5	358.48	0.1543	2988.4	89.76	3.25	0.0309	128.38	338.33	41.36	195.58
SG3-3-1	1.414	3.122	320.58	0.0911	1725.43	128.43	1.319	0.047	222.94	472.98	59.16	285.5
SG3-3-2	1.644	3.233	335.44	0.1007	1638.19	114.27	1.66	0.0625	203.73	496.12	57.79	264.72
SG3-4-1	2.95	6.04	374.37	0.494	969.17	216.4	2.72	0.0735	312	710.78	80.86	348.58
SG3-4-2	2.45	3.51	354.26	0.466	1267.86	142.86	1.987	0.0423	204.33	495.11	57.56	257.41
SG3-6-1	3.11	4.23	405.63	0.0749	2620.6	108.1	2.5	0.0589	156.96	395.21	48.97	233.95
SG3-6-2	2.82	4.5	358.48	0.1543	2988.4	89.76	3.25	0.0309	128.38	338.33	41.36	195.58
SG10502	23678.92	865.42	3893.35	6096.34	5787.86	778.61	358.15	119.24	279.47	987.03	52.64	370.43
sg10601	32584.69	913.81	4196.74	7420.59	858.21	594.31	1206.84	820.27	495.3	6332.24	313.63	1891.65
sg10602	15151.1	413.64	2291.87	4613.06	587.42	22.99	210.05	77.72	54.64	41.21	60.05	155.23
sg10701	38.69	11.63	407.88	0.554	2004.47	154.13	3.34	0.097	293.92	67.1	76.77	291.04

Table DR3 (Continued)

sg10702	39.58	12.97	411.49	1.6	2638.45	212.75	4.32	0.115	296.65	674.23	82.43	329.19
sg10801	37.93	11.22	530.81	0.578	2936.23	213.42	2.97	0.166	373.2	844.07	99.12	384.27
sg10802	39.06	6.51	375.34	0.185	2119.25	182.33	2.89	0.057	216.74	544.78	68.66	278.71
sg10901	18.94	5.67	430.18	0.32	1947.42	185.33	1.55	0.06	210.41	466.53	65.5	287.68
sg10902	19.91	9.76	406.65	0.51	2906.6	178.88	2.92	0.151	334.17	677.52	87.39	367.71
sg101001	39.37	7.72	392.68	0.236	3405.66	138.05	3.46	0.125	310.12	729.91	89.61	350.86
sg101002	54857.5	992.89	5152.17	8825.52	2599.27	453.22	767.04	113.61	1296.84	451.7	112.88	6144.61
sg20101	44428.7	790.68	4614.24	7147.94	629.04	87.91	280.56	85.01	107.55	1171.62	1380.33	226.5
sg20102	36.83	9.65	439.66	0.627	2139.55	175.47	4.32	0.366	388.94	937.78	114.12	453.68
sg20201	39.13	8.09	403.94	0.174	2274.02	151.6	2.43	0.072	177.73	455.1	58.88	239.97
sg20202	37.97	4.89	381.09	0.222	3571.31	113.15	3.21	0.0162	166.9	393.07	49.89	207.99
sg20301	26014.64	678.24	5016.49	5637.06	820.76	445.19	1010.92	502.48	229.86	282.46	372.16	778.28
sg20302	37.05	8.58	387.69	0.384	2517.2	171.96	3.06	0.158	302.48	759.63	96.35	387.01
sg20401	35.04	7.33	394.67	0.158	2690.96	119.11	2.2	0.081	218.58	533.56	66.27	267.13
sg20402	46.11	6.17	362.09	0.177	1338.47	161.13	1675.78	0.061	230.43	557.22	67.12	261.15
sg20501	36.65	4.34	372.53	0.459	2888.96	140.83	3.83	0.0603	193.35	443.2	55.21	224.65
sg20502	27.02	1.645	352.76	0.161	1503.8	155.84	0.282	0.0198	128.68	285.87	36.87	168.18
sg20601	21.86	21.55	414.94	0.383	1352.14	249.78	3.23	0.302	372.66	791.79	96.7	386.18
sg20602	-4864.34	472.71	349.62	-3875.51	-248.53	283.76	-68.2	232.67	0	0	62.49	0
sg20701	42.45	6.03	617.3	0.268	2598.26	167.94	1.556	0.066	191	477.64	57.11	232.54
sg20702	9258.2	2.81	2388.21	1102.95	1119.52	59.99	277.02	67.85	1922.73	2656.7	385.18	-334.24
SG3-8-1	795.32	10.28	394.23	0.815	2167.35	171.59	272.79	5.37	303.22	752.13	100.32	399.05
SG3-8-2	5.33	4.69	340.77	0.1309	2760.68	100.33	3.12	0.0313	180.07	430.99	57.8	238.7
SG3-9-1	471.1	4.83	353.73	0.097	2532.25	126.48	6.68	3.96	175.47	428.71	57.51	237.14
SG1-5-1	18.82	5.12	455.46	0.0903	939.48	148.38	0.217	0.0203	260.93	595.2	66.36	237.5
SG1-6-1	3.74	2.62	512.67	6.45	1542.65	161.88	2.57	0.0341	144.89	352.15	47.58	205.52
SG1-6-2	4.59	2.204	402.21	0.179	2529.02	118.9	3.13	0.0339	154.93	395.67	52.96	229.9
Lh010101	44.05	2.61	699.6	0.21	1584.36	110.01	0.962	0.0223	173.74	328.47	36.31	140.98
Lh010102	42.12	2.53	701.43	0.204	1478.36	110.48	0.981	0.0221	205.66	367.07	39.49	152.21
Lh010201	607693.94	9990.98	47847.55	105916.34	21720.78	5535.49	1713.04	420.02	13319.32	1172.52	833.31	5433.86
Lh010202	46.28	9.31	387.93	0.19	4024.47	149.04	3.01	0.105	343.81	844.49	103.93	413.5
Lh010301	19047.08	826.46	7303.07	4655.28	432.7	696.46	865.4	477.51	233.07	219.87	315.81	303.94

Table DR3 (Continued)

Lh010302	37460.18	1993.55	10749.37	8346.42	713.42	497.17	790.23	642.83	470.63	573.16	368.19	771.63
Lh010401	21.98	2.606	354.06	0.25	4113.65	159.16	1.425	0.0141	737.46	1711.45	244.7	1174.91
Lh010402	41.43	0.338	273.04	0.199	4258.19	153.54	0.974	0.0107	750.74	2030.1	280.95	1283.82
Lh010501	41.84	3.31	216.3	0.199	949.36	62.24	0.69	0.0181	47.81	119.88	15.99	69.11
Lh010502	41.64	2.621	160.13	0.196	609.95	29.21	0.375	0.013	7	9.87	1.073	4.81
Lh010101	44.59	4.35	491.23	0.212	3600.03	106.91	2.8	0.0296	337.5	864.58	107.37	431.2
Lh010102	44.09	1.976	468.81	0.194	4172.85	64.99	2.83	0.0136	424.67	1087.7	135.34	534.17
Lh10201	437.61	5.55	424.29	0.303	2796.13	177.94	1.515	2.88	301.56	755.91	92.06	363.32
Lh10202	835.66	6.52	420.96	0.232	2969.2	171.04	3.8	4.46	331.64	807.88	98.94	398.1
Lh10301	43.88	0.219	601.26	0.214	574.61	394.11	0.512	0.0216	69.62	208.54	30.86	149.64
Lh10302	43.37	0.28	613.9	0.201	569.94	414.56	0.419	0.05	55.49	182.52	27.8	138.38
Lh10402	738.5	82.57	85.38	160.89	50.81	125.44	29.58	10.7	57.02	13.03	10.01	60.28
Lh10501	57066.49	1388.11	6528.76	13342.49	1528.06	0	3052.01	1460.42	1007.61	1344.09	202.44	1219.2
Lh10502	41.73	4.76	525.76	0.212	3030.02	126.52	2.64	0.0224	245.07	529.08	64.81	267.45
Lh10601	36.64	2.584	462.62	0.406	2678.24	158.97	2.46	0.021	451.36	925.88	109.59	445.52
Lh10701	17301.37	422.5	3767.58	3881.12	26.96	159.1	1034.41	571.77	341.59	47.41	19.68	355.65
Lh10702	13403.46	389.73	1896.22	3642.14	457.02	339.81	978.45	134.63	75.83	151.91	690.84	1519.47
Lh10801	61662.3	2315.71	11111.58	20288.12	3893.34	1353.8	4986.31	358.24	544.77	1141.82	379.25	3426.7
Lh10802	46.61	2.166	128.65	0.311	2915.29	164.59	1.364	0.0132	264.84	617.31	87.41	421.76
Lh10901	44.53	4.09	515.06	0.239	2416.11	84.26	3.63	0.0449	203.95	376.93	45.47	189.78
Lh10902	39.75	1.995	107.9	0.2	1151.56	59.26	0.43	0.0209	8.97	19.3	2.83	13.72
Lh101001	44.06	2.126	123.56	0.198	1163.77	59.22	0.407	0.018	14.8	34.69	4.79	22.3
Lh101002	40.41	11.5	400.33	0.536	3070.1	196.73	2.87	0.178	416.51	962.1	111.4	416.89
Lh020101	45.96	2.163	355.5	0.199	2666.15	114.94	2.5	0.0156	266.1	604.77	71.02	277.38
Lh020102	42.91	0.903	424.4	0.182	934.89	133.69	0.53	0.0443	763.31	1151.31	95.22	283.34
Lh020201	41.35	0.632	376.49	0.194	1214.1	97.19	0.466	0.0266	352.48	590.66	55.55	185.79
Lh020202	39.8	11.22	383.63	0.194	2324.31	208.3	1.679	0.076	585.89	1270.46	132.56	461.79
Lh020301	42.81	1.623	361.84	0.332	2485.98	119.94	3.5	0.0183	224.1	516.19	64.6	276.57
Lh020302	47.82	6.77	417.24	0.905	3083.74	115.06	2.9	0.0523	259.96	652.81	81.05	329.88
Lh020401	47.47	4.81	414.39	0.197	3494.31	99.73	2.73	0.036	226.25	602.14	79.03	322.53
Lh020402	45.8	0.953	440.29	0.188	1293.24	210.96	0.295	0.0181	26.03	105.29	18.52	99.17
Lh020501	43.69	0.632	432.74	0.186	1323.72	218.04	0.535	0.0106	29.61	116.34	20.67	105

Table DR3 (Continued)

Lh20502	43.58	6.01	527.61	0.193	2168.89	177.42	4	0.048	179.39	461.63	61.17	266.63
lh20101	43.13	3.42	341.51	0.204	3596.06	133.8	3.69	0.0389	247.17	618.23	77.15	311.63
lh20102	44.36	16.47	456.79	0.184	3809.02	148.46	3.74	0.155	261.3	613.73	74.74	301.5
lh20201	41.77	6.81	465.2	0.191	2794.25	162.5	2.66	0.094	266.69	656.71	82.1	332.16
lh20202	40.22	1.61	559.36	0.188	885.41	83.69	0.236	0.0153	20.66	51.11	7.23	34.04
lh20302	41.34	11.59	376.19	0.73	2332.75	192.82	2.31	0.085	311.66	741.08	88.19	336.32
lh20401	42.07	0.628	278.3	0.179	2405.3	73.49	0.323	0.0332	105.93	210.96	24.4	99.26
lh20501	46.51	7.87	376.24	0.549	2878.46	131.35	3.07	0.094	280.3	663.48	79.31	311.48
SUS131-1-1	0.81	9.84	736.93	0.16	1473.74	286.65	1.44	0.0218	3544.22	6573.52	597.93	1893.91
SUS131-1-2	4.42	16.08	733.12	0.105	1361.34	205.59	1.15	0.0496	2993.18	5212.51	452.35	1418.51
SUS131-1-3	1.03	12.54	752.17	0.115	1190.09	580.79	1.46	0.0162	2289.41	6571.87	785.84	2936
SUS131-1-4	5.28	17.18	777.17	0.171	1166.6	456.85	1.79	0.057	2098.7	5980.1	690.07	2505.29
SUS131-1-5	2.26	19.46	740.32	0.175	1441.23	247	1.07	0.0319	2838.3	5224.86	472.04	1525.48
SUS131-1-6	1.41	15.9	742.51	0.247	1256.29	284.13	1.4	0.0184	3316.41	5988.13	557.5	1859.8
SUS131-1-7	0.85	11.25	734.15	0.109	1521.62	270.14	6.13	0.0713	3703.58	6484.47	561.37	1719.36
SUS131-1-8	1.45	11.29	735.05	0.138	1432.91	282.11	5.23	0.063	3684.96	6567.22	567.07	1756.52
SUS131-1-9	0.77	10.33	787.7	0.117	1069.32	250	1.85	0.0222	4097.9	6848.02	558.97	1687.04
SUS131-1-10	0.75	16.05	814.99	0.138	1080.78	271.53	1.94	0.0318	4246.57	6941.52	570.02	1733.46
SUS131-1-11	0.74	13.98	770.77	0.203	1102.52	263.42	1.59	0.0397	3518.09	6065.59	532.3	1722.68
SUS131-1-12	4.89	19.84	802.05	0.267	1026.71	292.41	1.79	0.058	3195.58	5711.01	522.48	1804.71
SUS131-1-13	1.33	10.18	728.92	0.956	1180.21	479.7	1.36	0.0196	2571.79	6503.7	728.09	2714.15
SUS131-1-14	0.98	13.49	757.48	0.157	1222.09	613.05	1.89	0.0493	2598.55	7006.38	818.3	3136.95
SUS131-1-15	1.27	10.37	764.51	0.192	1002.93	170.25	1.56	0.0178	2903.1	4975.71	404.39	1206.15
SUS131-1-16	4.59	8.2	792.27	0.109	937.87	167.14	6.03	0.0477	2651.6	4653.57	379.52	1177.37
SUS131-1-17	1.13	10.44	706.99	0.186	1511.49	232.3	0.86	0.0143	2606.84	4982.34	448.72	1450.33
SUS131-1-18	1.19	8.83	700.43	0.376	1533.31	236.02	0.74	0.0136	2068.88	4575.9	444.24	1500.12
dy17059-sus-12-38-11-1-1	8.69666311	10171.82055	0.0554727	735.659666	286.050867	0.00027316	0.01678022	430.274603	1123.60036	134.204688	570.180052	
dy17059-sus-12-38-11-1-2	1.73997997	269.09626	8.2997008	2979.59784	51.2321781	0.00109292	0.9629434	170.067048	283.693637	162.936528	173.471395	
dy17059-sus-12-38-11-2-1	6.32608559	1023.39007	0	899.569575	358.436406	9.7985E-05	0	577.275155	1441.69014	170.640534	737.983623	
dy17059-sus-12-38-11-2-2	41.0176685	491.636833	25.9040697	6494.37879	99.0972011	0.00110921	0	202.843604	499.529935	99.5593129	259.981501	
dy17059-sus-12-38-11-3-1	7.06990798	995.699885	0	792.574964	336.88282	5.5411E-05	0.00543527	500.399761	1312.81391	157.156394	679.208488	
dy17059-sus-12-38-11-3-2	6.59631021	950.602299	0.16135456	759.432589	325.666236	7.1098E-05	0.00523399	447.141389	1186.365	147.583389	630.353026	

Table DR3 (Continued)

dy17059-sus-12-38-1-4-1	12.7378795	561.630372	11.9971355	2062.12618	193.405257	0.00356459	9.45332297	93.3529928	218.446214	40.0903078	163.84889
dy17059-sus-12-38-1-4-2	7.64883133	928.980517	0.24916321	939.400142	310.037742	0.08867399	0	457.265072	1021.1466	133.428919	555.923118
dy17059-sus-12-38-1-5-1	6.38267728	1045.09468	0.16018745	809.950293	353.639413	0.00307146	0	551.561429	1403.22364	168.987382	709.781119
dy17059-sus-12-38-1-5-2	6.44735142	986.876954	0	752.263163	321.660131	5.0243E-05	0.01907311	511.580314	1284.04933	157.579133	651.931282
dy17059-sus-12-38-1-6-1	6.45606578	1098.53967	0.0140412	755.003404	356.110879	8.3827E-05	0	583.38884	1491.03687	178.844311	735.008316
dy17059-sus-12-38-1-6-2	10.4635832	935.565175	0.79270318	1531.10717	449.880574	0.00032287	0.04393445	747.670096	1678.48664	205.846689	934.426104
dy17059-sus-12-38-1-7-1	6.48252333	1049.27624	0.00163959	783.775932	315.487349	3.8023E-05	0.02689241	504.869594	1316.24465	157.220564	659.62266
dy17059-sus-12-38-1-7-2	6.39292467	987.46723	0.00528323	810.049909	303.955316	3.1926E-05	0	625.863159	1523.7933	179.493403	723.431278
dy17059-sus-12-38-1-8-1	6.90016413	1176.57911	0	844.447095	310.310895	0.00010464	0.00840226	583.320983	1450.04402	174.938765	730.488065
dy17059-sus-12-38-1-8-2	6.41903683	1043.82176	0.09983741	802.180672	373.256927	9.3591E-05	0.00713899	550.818313	1457.74569	178.828261	754.288954
dy17059-sus-12-346-5-1-1-1	8.57978092	1458.12673	0.12691683	766.49754	247.926114	6.1099E-05	0.01019598	1247.77458	2382.26016	246.911379	860.830281
dy17059-sus-12-346-5-1-1-2	8.14802768	1547.17852	0.00052371	700.584094	288.746765	7.6578E-05	0.00501945	1003.79648	2058.37265	220.977787	808.438527
dy17059-sus-12-346-5-1-2-1	8.87535592	1466.73624	0.12595422	744.701504	266.331467	8.7576E-05	0	1349.57737	2591.53863	263.917601	950.44755
dy17059-sus-12-346-5-1-2-2	93.5642989	760.057522	5.7175497	4.96286019	0	0	1.27692666	0	22.4845	0.50021082	0
dy17059-sus-12-346-5-1-3-1	9.60465324	1418.23002	0	793.420953	236.196838	8.4988E-05	0	1252.01665	2369.39583	246.040543	859.89551
dy17059-sus-12-346-5-1-3-2	8.24336005	1501.23502	0.01230904	722.772982	261.778271	0.0001091	0.0150069	1321.71414	2554.70097	261.873031	930.460749
dy17059-sus-12-346-5-1-4-1	10.4448317	1414.87693	0	747.893795	239.528035	0.00012518	0	1274.1215	2384.8336	249.411235	864.136029
dy17059-sus-12-346-5-1-4-2	8.15026729	1506.62047	0.08083723	693.744362	267.696829	9.185E-05	0	1325.20459	2504.02292	263.949632	914.302545
dy17059-sus-12-346-5-1-4-3	8.86503849	1393.18609	0	740.266423	249.454088	7.4364E-05	0.00966423	1290.06969	2451.13969	251.144267	877.307284
dy17059-sus-12-346-5-1-4-4	9.76883617	1423.83702	0	732.192251	261.453475	0.00016786	0.0049201	1281.18653	2491.04659	255.774403	897.92414
dy17059-sus-12-346-5-1-5-1	10.0247151	1421.00939	0.02288599	695.002254	253.233175	8.7022E-05	0.00493584	1299.40975	2522.19296	256.965902	890.841578
dy17059-sus-12-346-5-1-5-2	8.40971452	1325.24943	0	640.525899	219.644439	8.607E-05	0.01462801	1277.4404	2457.72587	249.740005	861.903377
dy17059-sus-12-346-5-1-6-1	7.0801658	1412.27198	0.00799444	736.708213	262.141065	0.00012783	0	1370.31732	2650.82412	273.948028	954.891438
dy17059-sus-12-346-5-1-6-2	8.61078131	1421.14108	0.07479178	728.129045	249.778833	0.00014867	0.00480115	1273.37094	2512.42317	255.995818	907.339766
dy17059-sus-12-346-5-1-7-1	8.892132	1545.61236	0	805.647956	222.014997	0.00013933	0.00481711	1225.89221	2386.79986	242.763246	842.539588
dy17059-sus-12-346-5-1-7-2	8.48342104	1472.27439	0.03205514	769.054631	235.903091	0.000129	0	1264.04574	2485.72179	251.462039	884.391956
dy17059-sac-11-1-1	8.93635272	1441.74913	0.06865985	359.68857	1113.76388	6.5018E-05	0	838.716659	2142.39412	257.366474	1026.86871
dy17059-sac-11-1-2	8.22682508	1528.31837	0.01962413	378.796191	231.232041	2.9221E-05	0	878.526641	1933.95421	203.347742	740.05713
dy17059-sac-11-2-1	8.86459182	1618.32209	0.00797704	370.381273	510.786436	5.9545E-05	0.00525062	803.553082	1890.35174	210.658664	785.579752
dy17059-sac-11-2-2	8.9905574	1233.34585	0.07468244	376.618292	1286.28742	7.2568E-05	0	831.351932	2184.93445	262.237893	1045.78851
dy17059-sac-11-3-1	8.87506724	1380.8914	0.0985065	374.045764	648.128413	7.6084E-05	0	826.953641	2054.69068	232.44916	889.307153
dy17059-sac-11-3-2	9.40658611	1236.93902	0.03571758	384.458163	1198.09653	8.9699E-05	0	736.811759	2086.18886	260.690308	1068.47458

Table DR3 (Continued)

dy17059-sac-11-3-3	8.17672164	1420.43045	0	365.878796	356.426554	6.6316E-05	0	710.540381	1661.7715	180.818384	660.690684
dy17059-sac-11-3-4	8.95792926	1546.59392	0.05030332	366.169498	340.584651	7.2236E-05	0.00065197	809.643433	1869.90282	198.100117	741.346278
dy17059-sac-11-4-1	9.70341911	1446.37063	0	379.810913	619.946482	7.5255E-05	0	887.463892	2198.80416	245.618707	919.406408
dy17059-sac-11-4-2	9.96286102	1621.87912	0.00941852	382.464748	484.8346276	4.3112E-05	0	840.834955	2081.15744	235.743525	886.13339
dy17059-sac-11-5-2	8.51517617	1453.06898	0.13873263	373.953038	1020.05615	4.674E-05	0.01041707	736.037686	1981.41848	236.366255	952.633143
dy17059-sac-11-6-1	10.2512189	1794.51554	0.13582299	396.430507	545.121305	6.4836E-05	0	954.643039	2273.50988	255.818525	972.117464
dy17059-sac-11-6-2	8.95233219	1471.44192	0.03578135	439.513085	414.810037	6.6278E-05	0	632.212238	1515.0875	170.092599	616.053101
dy17059-sac-11-7-1	8.05827599	1064.14887	0.0522047	372.240215	644.896354	9.405E-05	0	943.646299	2283.81152	251.680553	947.161354
dy17059-sac-11-7-2	9.0548763	1564.40324	0.07164353	378.44044	379.173582	5.2838E-05	0.00527861	832.56303	1982.40274	221.264448	788.13729
dy17059-mad-11-1-1	19.7829316	3431.2976	0.60068184	1023.35654	797.668751	0.00134046	0.07226563	928.344042	1885.26946	203.978085	768.261954
dy17059-mad-11-1-2	21.6647688	3402.93731	0.24259789	1127.24843	699.984568	4.1609E-05	0	990.292871	1923.12443	199.310438	732.489706
dy17059-mad-11-2-1	31.0354106	3562.42364	0.16845961	941.027862	741.44954	5.7491E-05	0.02100519	1166.00796	2214.97841	238.520555	873.736461
dy17059-mad-11-3-1	16.6717131	3467.83035	0.09097407	1026.25646	644.713788	0.01112339	0.01872125	1002.86254	2032.12919	207.209519	713.73295
dy17059-mad-11-3-2	13.7229729	3530.80105	0.15761343	969.732837	727.933314	2.5681E-05	0	1092.05101	2132.9079	220.773159	782.886641
MAD1-5-1-1	0.54	9.31	0.108	1522.8	504.68	1.17	0.0096	1997.62	6006.57	672.16	2726.43
MAD1-5-1-2	1.04	12.96	0.103	1440.48	525.49	1.37	0.0118	2088.87	6448.42	717.23	2841.32
MAD1-5-1-3	1.15	8.71	0.108	1117.43	195.75	0.678	0.01	3049.19	5328.97	411.83	1325.14
MAD1-5-1-4	1.73	11.01	0.113	1333.84	328.55	1.56	0.0295	4150.4	6905.85	554.04	1932.95
MAD1-5-1-5	2.56	15.31	0.179	1025.74	224.11	2.73	0.0547	4059.72	6524.81	488.35	1580.77
MAD1-5-1-6	4.93	16.77	0.11	1040.85	234.5	2.01	0.0684	4062.8	6546.61	489.15	1565.07
MAD1-5-1-7	2.31	9.45	0.334	1435.78	296.82	2.53	0.0277	2493.04	4759.86	455.89	1746.17
MAD1-5-1-8	7.22	9.7	0.282	1285.31	180.57	6.84	0.065	2368.61	4442.55	363.98	1212.22
MAD1-5-1-9	1.22	9.85	0.133	1176.07	313.45	1.07	0.0145	3066.86	5951.33	533.43	1964.36
MAD1-5-1-10	3.14	16.4	0.764	1214.03	143.59	0.237	0.0437	1507.27	2741.62	251.17	917.37
MAD1-5-1-11	0.77	11.68	0.328	1327.36	252.43	1.44	0.0261	2982.23	6187.41	529.61	1765.4
MAD1-5-1-12	1.95	10.92	0.319	993.22	123.92	0.424	0.0186	1868.57	3411.86	272.72	867.39
MAD1-5-1-13	0.94	10.02	0.348	1101.33	399.84	1.37	0.0112	2827.86	6713.48	656.16	2447.14
MAD1-5-1-14	1.95	13.6	0.114	1024.16	417.11	1.46	0.031	2519.92	6274.27	626.62	2407.16
MAD1-5-1-15	1.13	8.72	0.207	1246.4	306.78	2.37	0.0126	2597.03	5210.02	450.17	1568.94
MAD1-5-1-16	1.04	16.26	0.114	1293.87	362.91	1.05	0.0377	3065.23	6152.38	551.15	1986.56
MAD1-5-1-17	0.68	9.95	0.175	906.99	294.69	0.91	0.0179	3079.49	5814.39	506.26	1840.57
MAD1-5-1-18	0.92	12.31	0.245	1205.42	187.14	0.77	0.0192	2653.21	4782.4	369.89	1214.4

Table DR3 (Continued)

ZN114-1	187.98	14.16	390.03	20.73	220.46	392.5	0.369	0.0343	575.5	1435.01	168.89	632.69
ZN114-2	1.01	3.89	478.66	0.1433	219.25	387.59	0.411	0.0054	731.79	1768.55	202.48	735.85
ZN114-3	1.64	9.49	371.43	0.431	241.13	1398.76	2.54	0.0093	1619.94	5017.44	569.1	2263.97
ZN114-4	1.23	3.97	461.99	0.133	202.56	361.44	0.51	0.0074	992.39	2258.67	249.18	888.29
ZN114-5	3.77	4.07	406.7	0.234	210.99	627.65	1.188	0.0287	1288.24	3159.28	367.23	1378.56
ZN806337-1	26.83	13.65	898.95	0.797	287.41	316.85	0.994	0.0178	2242.36	3916.02	362.18	1184.22
ZN806337-2	22.53	9.81	1930.94	0.194	274.49	155.11	0.31	0.0101	863.12	1654.46	163.59	538.99
ZN806337-3	28.11	10.51	1692.01	0.841	354.73	775.48	0.779	0.0255	642.37	1607.54	206.88	857.85
ZN806337-4	20.66	10.74	2403.96	0.193	168.32	508.77	1.153	0.0101	1311.84	2792.85	297.04	1067.83
ZN806337-5	21.92	10.37	590.25	0.195	515.34	248.91	0.689	0.019	1209.68	2333.37	253.72	956.18
ZN806337-6	38.51	6.01	1714.66	0.961	459.75	1202.43	0.372	0.212	381.9	1169.83	171.61	805.79
ZN806337-7	24.79	9.58	2163.95	0.183	320.07	183.77	0.454	0.0113	1050.31	1994.76	191.39	624.55
ZN806337-8	23.73	12.97	821.41	0.199	219.81	351.82	1.319	0.0213	1600.12	2973.4	321.27	1213.16
ZN806337-9	20.7	10.14	762.29	0.202	279.06	202.2	1.058	0.0155	2046.6	2970.02	244.4	767.15
ZN806337-10	1122.98	10.18	809.79	0.193	480.8	138.18	1530.61	2.229	785.01	1271.2	133.06	522.64
ZN806337-11	20.55	11.16	772.23	0.195	532.06	345.88	1.264	0.0128	1671.86	273.75	264.44	972.25
ZN806337-12	16.96	11.27	779.98	0.206	291.46	309.3	0.632	0.017	1622.16	2897.38	294.28	1025.48
ZN806337-13	21.47	9.05	848.71	0.186	443.95	407.57	0.321	0.0181	639.62	1375.92	168.81	724.98
ZN806337-14	20.82	10.4	809.3	0.199	286.07	187.35	0.924	0.0152	2137.17	3201.59	270.61	831.46
ZN806337-15	26.67	3.188	1108.89	0.674	459.42	1055.16	0.106	0.0194	431.62	1235.67	175.69	752.59
JM16-15-1	1.55	8.52	690.67	0.141	618.78	156.06	0.41	0.0147	1330.19	2672.04	255.21	817.73
JM16-15-2	1.77	7.31	718.93	0.098	604.54	161.07	0.41	0.0131	1364.55	2789.94	274.67	881.85
JM16-15-3	1.02	7.6	696.36	0.09	567.81	128.74	0.234	0.015	1129.17	2055.63	191.11	582.28
JM16-15-4	1.1	7.22	715.38	0.092	595.79	172.67	0.53	0.0124	1273.41	2592.49	256.26	842.64
JM16-15-5	0.79	7.31	675.46	0.095	615.41	170.76	0.537	0.0122	1374.18	2725.73	268.38	873.07
JM157-1-2	1.68	11.66	690.69	0.097	573.95	149.69	2.33	0.019	1138.11	2433.91	235.47	763.84
JM157-2-2	0.99	7.42	695.2	0.096	601.25	145.1	0.519	0.0105	1258.87	2554.33	241.93	764.24
JM157-3-1	1.48	7.29	713.15	0.174	587.81	146.17	0.63	0.013	1299.48	2663.07	243.3	752.32
JM157-3-2	1.24	8.27	716.83	0.093	537.2	213.18	1.12	0.0136	1731.99	3521.68	331.77	1053.4
JM157-4-1	0.77	7.79	682.8	0.083	601.83	166.38	0.433	0.0113	1335.68	2713.86	263.26	856.03
JM157-4-2	0.77	7.71	689.7	0.086	616.93	166.38	0.89	0.0154	1285.3	2665.21	258.99	847.85
JM157-5-1	0.88	9.14	639.5	0.09	556.41	170.68	0.84	0.0142	1345.27	2640.04	252.14	811.98

Table DR3 (Continued)

JM157-5-2	1.02	7.7	663.74	0.099	558.63	182.77	0.319	0.0186	1229.32	2543.14	249.01	813.79
JM157-6-1	0.73	7.76	714.13	0.091	594.01	163.92	0.38	0.0148	1363.09	2732.65	261.44	833.79
JM157-6-2	1.18	8.05	663	0.094	522.91	155.67	0.674	0.0153	1224.94	2402.06	229.39	738.26
JM157-7-1	0.7	11.47	648.63	0.086	578.11	150.5	0.7	0.012	1242.28	2486.26	236.99	756.36
JM157-7-2	0.72	7.52	634.05	0.087	632.61	146.52	0.451	0.0129	1262.87	2394.45	226.7	725.97
JM157-8-1	13.04	10.29	661.39	3.52	573.41	184.22	8087.55	0.0542	1314.32	2595.87	251.23	814.25
JM157-8-2	0.76	7.9	667.76	0.092	601.56	177.77	0.649	0.0116	1301.34	2699.02	266.59	858.49
JM1210-1-1	0.68	6.48	1040.19	0.107	288.75	460.59	0.477	0.0124	1478.55	3048.51	294.69	959.86
JM1210-1-2	0.7	6.68	846.99	0.102	305.98	351.62	0.25	0.0146	878.74	2035.86	235.71	834.31
JM1210-2-1	0.94	5.84	982.68	0.102	281.57	261.31	0.295	0.0177	1252.83	2936.46	293.97	960.85
JM1210-2-2	0.71	8.51	917.61	0.106	175.96	215.19	0.33	0.0119	1029.68	2192.98	220.23	705.36
JM1210-3-1	0.66	6.63	924.04	0.098	263.25	368.79	0.47	0.0154	1174.05	3009.77	327.22	1121.89
JM1210-3-2	0.62	7.04	920.15	0.105	251.84	335.87	0.396	0.0127	939.46	2470.11	277.35	953.9
JM1210-5-1	1	6.31	1307.2	0.099	383.3	283.09	0.335	0.0118	1299.37	3082.64	309.05	1004.29
JM1210-5-2	0.87	6.12	1239.11	0.097	205.22	303.09	0.4	0.0187	890.73	2176.53	241.52	830.54
JM1210-6-1	0.74	5.93	881.47	0.102	274.59	453.75	0.221	0.011	1155.58	2880.42	295.27	990.65
JM1210-6-2	0.64	6.24	870.55	0.149	308.68	465.46	0.226	0.0073	820.37	2111.71	241.44	855.44
JM1210-8-1	1.25	6.41	772.71	0.099	257.29	427.5	0.41	0.0156	1192.37	2906.77	298.39	1027.48
JM1210-8-2	0.77	6.94	1008.42	0.117	256.29	245.03	0.518	0.0147	1168.56	2622.86	262.13	858.51
JM1210-9-1	0.72	7.32	1054.25	0.101	261.54	284.48	0.48	0.0139	1328.43	3009.73	288.57	931.41
JM1210-9-2	0.64	11.45	952.17	0.104	232.24	294.62	1.45	0.0141	1023.53	2406.27	249.16	823.68
JM1211-1-1	0.99	6.29	1481.97	0.106	282.81	327.72	2089.63	0.0227	1369.33	3214.3	301.61	1028.23
JM1211-3-1	0.89	6.19	1256.65	0.132	233.33	443.52	0.449	0.0097	1194.46	2807.29	276.27	981.66
JM1211-3-2	0.6	5.9	1341.59	0.102	339.06	304.37	0.328	0.0131	917.03	2170.55	229.8	829.81
JM1211-4-1	0.65	6.46	1484.98	0.105	286.22	486.6	0.498	0.0105	1165.64	2646.84	252.19	875.68
JM1211-5-1	0.65	5.77	914.73	0.099	215.48	404.92	0.29	0.0167	841	2074.79	225.33	852.52
JM1211-5-2	0.69	5	849.09	0.095	224.32	275.81	0.204	0.0146	642.14	1588.83	178.43	671.62
JM1211-6-1	0.74	6.26	1006.55	0.101	330.64	238.86	0.227	0.0106	1357.96	2960.74	265.72	892.67
JM1211-6-2	1.01	8.32	1014.63	0.099	297.02	276.21	0.362	0.014	1240.46	2591.84	232.21	782.09
JM1211-7-1	0.62	7.56	1164.34	0.1	226.63	376.57	0.561	0.0131	1060.22	2644.86	269.06	993.3
JM1211-7-2	1.51	6.92	1499.01	0.432	244.4	301.65	0.523	0.0077	1219.5	2745.08	263.83	936.92
JM1211-8-1	0.64	6.07	803.96	0.101	240.55	476.88	0.581	0.0108	793.14	1791.84	207.99	870.82

Table DR3 (Continued)

JM1211-8-2	0.76	10.38	857.59	0.105	269.46	435.72	0.598	0.0226	812.29	1740.58	204.64	868.39
JM1211-9-2	0.89	6.55	1609.81	0.098	288.86	250.18	0.252	0.0088	1174.03	2693.85	261.46	911.63
JM1420-1-1	1.16	7.93	591.49	0.163	480.4	116.62	0.262	0.0121	1111.21	1943.93	170.1	545.56
JM1420-1-2	0.74	7.65	690.69	0.098	593.3	145.78	0.529	0.0127	1367.47	2620.79	238.04	805.37
JM1420-2-1	0.83	6.93	441.53	0.092	563.76	87.98	0.234	0.0087	1395.59	1823.99	139.08	435
JM1420-2-2	0.72	8.99	700.6	0.102	535.63	138.35	0.618	0.0112	1327.95	2456.14	211.51	697.76
JM1420-3-1	0.86	7.69	601.67	0.163	500.2	142.5	0.318	0.0146	1215.26	2290.98	204.17	681.47
JM1420-3-2	1.15	7.33	582.44	0.104	489.08	138.66	0.331	0.0118	1098.83	2108.53	196.43	657.03
JM1420-4-1	1.29	8.3	668.2	0.099	615.17	141.18	0.437	0.015	1331.62	2475.25	217.43	720.43
JM1420-4-2	1	8.46	692.17	0.103	667.58	151.31	0.57	0.0126	1414.16	2777.87	246.71	834.91
JM1420-5-1	11.04	10.8	501.13	2.152	455.23	120.5	0.301	0.0114	1001.57	1870.31	166.65	562.03
JM1420-5-2	0.88	7.71	650.42	0.097	569.23	140.3	0.71	0.0094	1316.27	2473.81	216.18	714.25
JM1420-6-1	1.5	9.63	549.08	0.103	534.71	139.59	0.221	0.0119	992.65	1838.48	170.1	578.58
JM1420-6-2	1.53	8.81	695.83	0.099	619.9	151.06	0.545	0.0069	1385.33	2654.55	230.48	769.68
JM1420-7-1	0.82	8.28	692.27	0.099	549.87	131.68	0.383	0.0121	1286.31	2388.16	200.11	645.84
JM1420-7-2	2.34	15.78	694	0.263	527.69	99.09	1.66	0.0142	979.88	1734.16	155.93	510.9
JM1420-8-1	0.69	8.2	677.97	0.103	565.3	129.81	0.332	0.014	1223.84	2258.74	193.44	633.74
JM1420-8-2	0.82	11.5	606.66	0.102	490.52	137.74	0.396	0.0074	1157.82	2218.74	198.48	671.31
JM1420-9-1	0.73	8.12	676.75	0.096	502.92	125.48	0.482	0.0145	1191.71	2127.11	176.43	552.32
JM1420-9-2	0.7	8.12	710.73	0.129	570.11	130.15	0.379	0.0072	1340.66	2550.88	219.03	713.86
QL-1	1.16	8.29	721.15	0.122	636.18	151.84	0.73	0.0222	1308.72	2475.64	244.28	785.19
QL-2	0.59	8.26	671.05	0.129	645.64	155.75	0.53	0.0178	1269.86	2471.93	251.15	824.41
QL-3	0.59	9.1	688.62	0.128	595.96	136	0.59	0.0186	1094.08	1982.62	193	606.74
QL-4	0.81	6.76	691.69	0.134	598.89	142.87	0.33	0.0199	1015.63	2004.24	211.32	698.53
QL-5	0.54	8.41	531.69	0.126	522.98	159.95	0.38	0.0171	1049.83	2054.77	217.77	750.63
QL-6	0.84	11.55	412.1	0.127	555.01	131.48	0.54	0.0197	739.9	1461.4	156.55	534.94
QL-7	1.24	13.65	603.9	0.129	554.67	146.21	1.09	0.0216	1066.33	2014.16	205.08	678.81
QL-8	0.57	7.46	725.71	0.129	660.18	151.99	0.53	0.0145	1295.2	2535.79	252.71	819.51
QL-9	0.55	7.43	728.58	0.129	617.57	160.55	0.33	0.0241	1296.68	2542.3	252.78	827.46
QL-10	0.65	6.44	659.03	0.124	603.65	141.1	0.49	0.0197	973.69	1994.37	207.63	683
QL-11	0.61	7.64	715.43	0.168	685.62	157.98	0.64	0.0195	1319.55	2606.88	259.43	839.81
QL-12	0.55	10.27	491.55	0.126	506.27	144.98	0.49	0.0274	1082.91	2202.68	223.99	754.24

Table DR3 (Continued)

QL-13	0.95	13.47	666.77	0.129	591.06	122.19	1.3	0.0224	980.75	1864.96	187.83	618.41
QL-14	0.58	7.39	718.19	0.137	657.57	160	0.36	0.0203	1319.23	2656.67	262.6	865.94
QL-15	1.25	8.12	728.72	0.135	621	157.07	0.58	0.0172	1238.56	2455.91	246.64	813.29
QL-16	0.71	7.53	705.63	0.132	585.12	166.6	0.38	0.0252	1308.52	2564.62	252.49	820.47
QL-17	0.69	6.94	717.89	0.127	675.54	166.93	0.36	0.0185	1266.43	2614.29	261.19	872.08
QL-18	1.1	8.25	712.05	0.133	592.37	155.97	0.58	0.0212	1261.38	2412.8	234.84	767.88
QL-19	0.68	7.33	669.79	0.133	579.3	150.21	0.4	0.0138	1119.31	2223.14	223.27	724.21
QL-20	0.57	8.49	696.11	0.133	613.55	153.72	0.39	0.0212	1283.64	2474.39	242.48	792.82
QL55W9-1	0.85	8.23	717.34	0.148	706.11	273.23	0.63	0.024	1043.75	2689.29	333.73	1285.7
QL55W9-2	7.17	20.35	711.36	0.151	595.64	233.95	0.69	0.03	962.97	2421.83	299.74	1124.65
QL55W10-1	0.79	10.02	478.69	0.146	499.43	282.49	0.71	0.035	813.9	2366.91	304.12	1173.92
QL55W10-2	0.67	12.07	456.74	0.15	473.11	295.53	3.51	0.027	671.33	2191	299.12	1173.32
QL55W11-1	0.72	10.54	589.5	0.139	350.74	136.41	0.6	0.0241	868.54	1408.01	143.73	508.86
QL55W11-2	1.9	20.96	561.11	0.164	335.83	140.08	1.01	0.032	792.85	1286.42	130.63	472.47
QL55W12-1	1.23	10.13	579.47	0.142	347.36	114.5	0.53	0.033	822.33	1369.07	139.05	476.43
QL55W12-2	0.76	11.01	564.7	0.141	338.89	115.84	0.54	0.0241	826.19	1360.99	137.61	480.02
QL55W13-1	1.16	12.36	617.78	0.135	344.19	122.12	0.5	0.031	811.58	1226.81	119.81	428.61
QL55W13-2	0.69	11.67	562.78	0.139	329.23	98.43	0.54	0.0228	633.54	973.33	95.12	332.4
QL55W14-1	0.69	10.41	443.18	0.132	346.09	285.6	0.49	0.03	634.34	1711.83	231.74	936.93
QL55W14-2	0.66	14.31	505.83	0.136	366.28	315.29	0.62	0.0223	849.89	2223.99	285.49	1116.93
QL55W16-1	0.67	10.29	505.49	0.14	286.85	276.45	0.48	0.0226	646.09	1889.91	260.76	1035.46
QL55W16-2	0.75	12.22	524.73	0.136	295.74	272.04	0.51	0.032	725.46	2054.59	269.17	1049.38
QL55W17-1	1.07	12.22	506.23	0.148	333.38	226.13	0.45	0.0235	681.8	1565.13	195.31	759.09
QL55W17-2	0.7	12.73	564.33	0.135	348.98	193.21	0.52	0.0223	927.82	1921.96	213	763.72
QL55W18-1	0.79	9.96	546.63	0.148	317.43	188.07	0.54	0.0238	884.57	1753.74	190.07	678.89
QL55W18-2	1	10.62	519.1	0.142	306.8	183.36	0.46	0.028	785.14	1613.66	177.69	653.1
QL55W1-1	0.8	10.02	436.7	0.157	314.84	203.82	0.48	0.022	660.49	1468.54	179.61	723.34
QL55W1-2	1.03	10.91	486.63	0.139	322.23	225.22	0.57	0.0251	876.79	1817.9	217.19	836.36
QL55W2-1	0.76	11.74	507.47	0.138	322.63	276.72	0.54	0.0267	745.57	1743.53	224.19	923.66
QL55W2-2	0.92	10.56	501.44	0.146	319.21	259.86	0.47	0.0247	655.86	1586.41	209.64	876.4
QL55W3-1	1.11	9.14	730.55	0.14	408.84	224.85	0.54	0.0267	936.74	1880.81	226.34	887.38
QL55W3-2	0.87	11.56	698.9	0.152	394.48	202.26	0.5	0.034	890.1	1706.27	196.82	773.45

Table DR3 (Continued)

QL55W4-1	0.76	15.6	661.68	0.148	335.12	280.18	0.55	0.0198	1063.56	2545.63	304.99	1157.8
QL55W4-2	0.86	9.16	636.22	0.212	330.1	297.42	0.74	0.0231	1063.87	2600.71	314.4	1201.2
QL55W5-1	0.77	10.25	647.24	0.191	356.63	184.55	0.53	0.032	964.26	1779.12	199.25	754.74
QL55W5-2	0.74	10.7	615.99	0.155	346.5	151.51	0.56	0.0215	811.4	1502.68	164.52	602.84
QL55W6-1	0.86	9.15	739.5	0.138	362.38	196.4	0.69	0.03	1006.34	1960.11	219.72	829.46
QL55W6-2	0.84	24.09	620.21	0.157	363.84	218.71	1.18	0.028	883.16	1690.08	196.34	790.92
QL55W7-1	0.87	8.95	609.78	0.141	334.08	252.82	1.05	0.028	1148.76	2795.53	325.52	1198.72
QL55W7-2	0.75	12.49	495.83	0.142	315.14	208.61	0.48	0.0238	809.24	2032.47	255.73	969.33
QL55W8-1	0.85	10.06	566.84	0.139	350.43	129.13	0.62	0.027	1005.66	1778.01	177.24	607.9
QL55W8-2	1.19	9.85	518.28	0.142	345.81	121.52	0.53	0.036	945.93	1650.05	164.17	557.54
CMD32-1-2	0.785	8.5	628.74	0.0487	421.85	120.9	0.362	0.0121	1015.32	1675.12	155.91	519.03
CMD32-2-1	0.941	6.93	640.94	0.0482	344.05	124.27	0.618	0.0134	1325.78	2235.17	215.83	691.92
CMD32-2-2	0.895	7.47	652.31	0.0412	337.68	124.12	0.624	0.0215	1406.44	2347	220.81	697.86
CMD32-3	0.841	7.6	554.03	0.0595	355.46	175.66	0.635	0.0111	1493.97	2521.67	254.38	888.93
CMD32-4-1	0.706	8.14	689.59	0.054	380.65	137.24	1.075	0.0107	1818.1	2683.25	257.33	849.02
CMD32-4-2	3.36	9.25	726.34	9.18	400.71	162.46	5	0.0555	1808.94	3001.27	292.24	970.45
CMD32-5-1	0.798	7.47	656.53	0.0428	377.66	125.12	0.846	0.0088	2043.44	3128.62	281.64	860.69
CMD32-6-1	0.762	6.65	697.08	0.0563	372.21	161.51	0.719	0.013	1935.56	2986.61	287.24	955.26
CMD32-6-2	0.804	7.11	690.35	0.0594	369.09	139.61	0.646	0.0139	1870.61	2750.9	252.81	795.41
CMD32-7-1	0.705	8.36	613.99	0.0524	376.09	159.09	0.729	0.0192	1741.68	2717.1	260.77	877.59
CMD32-7-2	0.801	9.42	566.15	0.0433	381.13	143.55	0.547	0.0132	1466.49	2366.92	235.05	787.29
CMD32-8-2	0.7	10.56	537.38	0.0647	390.87	233.03	1.066	0.0165	1478.38	2652.81	269.16	914.23
CMD32-9-1	0.727	5.31	702.08	0.0171	386.8	44.96	0.156	0.00201	895.36	1110.09	82.99	247.65
CMD32-9-2	1.011	6.95	744.24	0.0895	376.03	89.45	1.047	0.0044	1576.33	1973.38	156.32	467.72
CMD32-10-1	0.74	8.99	512.89	0.0543	368.28	57.8	2.51	0.0075	1118.87	1274.9	92.12	279.08
CMD32-10-2	1.75	9.02	520.62	0.1	375.68	55.62	0.215	0.0052	942.27	1113.39	82.24	251.3
CMD32-11-1	0.786	6.85	748.71	0.0612	372	148.71	0.762	0.0138	2033.83	3049.1	287.12	925.07
CMD32-11-2	1.31	7.85	716.77	0.0481	364.15	153.45	0.809	0.0141	1980.49	2904.12	271.49	868.98
BY1586-5-1	0.86	8.64	692.88	0.141	1037.39	202.93	0.6	0.0222	1167.15	2428.09	260.56	884.01
BY1586-5-2	0.82	6.1	682.65	0.133	1009.25	158.85	0.55	0.028	876.14	1817.04	201.31	682.75
BY1586-5-3	0.85	10.56	686.11	0.137	1023.07	245.09	1.22	0.0321	1306.4	2775.73	299.91	1039.67
BY1586-5-4	0.79	10.8	689.93	0.134	982.74	264.69	3.79	0.029	1405.35	2944.37	309.58	1049.79

Table DR3 (Continued)

BY1586-5-5	0.78	5.62	649.74	0.129	613.05	269.43	24.98	0.033	399.67	1141.54	162.85	658.64
BY1586-5-6	1.06	4.36	656.49	0.136	497.99	251.62	0.52	0.028	361.61	1043.03	147.74	598.45
BY1586-5-7	0.73	9.66	696.28	0.136	1049.16	222.69	1.03	0.032	1329.43	2794.79	291.36	982.19
BY1586-5-8	1.85	16.34	675.8	0.146	1018.6	115.26	0.65	0.12	705.51	1376.72	148.82	506.09
BY1586-5-9	0.75	8.56	680.08	0.13	1012.46	207.27	0.54	0.027	1175.86	2455.98	263.6	890.28
BY1586-5-10	0.8	10.62	699.34	0.157	1005.94	242.12	0.66	0.0246	1316.66	2805.18	296.82	1027.1
MCCQ15-2-3-1	5.27	5.27	298.43	0.438	301.82	311.67	0.571	0.0117	890.14	2114.09	257.63	1037.21
MCCQ15-2-3-2	10.66	1.847	43.24	0.0413	60.19	91.19	2128.13	0.0493	229.32	552.25	66.6	245.04
MCCQ15-2-3-3	8.28	10.95	462.86	0.0702	159.81	248.27	13.75	0.0169	871.14	2071.22	248.44	854.03
MCCQ15-2-3-4	6.75	4.94	283.96	0.0407	182.37	316.42	0.412	0.0095	955.85	2262.4	280.59	1024.4
MCCQ15-2-3-5	6.54	3.96	202.98	0.082	143.59	227.43	0.547	0.0113	770.48	1819.46	213.4	779.31
MCCQ15-2-3-6	9.88	6.03	250.42	0.273	188.53	351.95	0.371	0.0112	919.1	2190	252.26	915.67
MCCQ15-2-3-7	7.03	4.7	458.46	0.13	565.43	330.93	0.461	0.0215	968.04	2304.6	286.5	1071.61
MCCQ15-2-3-8	8.55	5.88	183.4	0.0217	144.54	270.43	0.363	0.0205	1083.42	2403.72	259.97	886.03
MCCQ15-2-3-9	19.78	7.31	277.1	0.053	270.16	412.6	0.97	0.0109	1118.14	2707.55	302.9	1057.54
MCCQ15-2-3-10	8.36	5.2	374.26	0.209	416.9	309.3	0.381	0.0106	1126.22	2579.63	302.74	1039.2
MCCQ15-2-3-11	6.86	11.43	142.72	0.0883	191.14	274	1.015	0.0167	806.76	1982.87	237.83	826.02
Ya010101	47.66	10.41	691.19	0.288	1839.32	520.03	1.016	0.0457	2761.83	6599.86	713.45	2440.12
Ya010102	45.94	21.26	705.77	0.212	1952.08	551.62	5.37	0.062	3417.3	7684.92	795.09	2691.26
Ya010201	44.91	25.64	730.29	3.37	1860.04	262.16	8.76	0.0857	2218.88	4932.13	512.65	1799.61
Ya010202	49.99	24.23	746.56	3.89	1856.17	286.96	8.1	0.0681	2200.71	5155.45	525.08	1783.23
Ya010301	42.88	9.63	686.51	0.21	1734.58	488.5	0.855	0.0507	2534.22	6063.93	647.8	2201.89
Ya010302	46.27	24.88	699.14	0.204	2504.58	201.92	5.5	0.0097	1582.26	3507.91	384.51	1382.08
Ya010401	44.55	5.8	649.7	0.202	2219.62	560.92	4.13	0.084	1973.67	4978.09	574.72	2138.86
Ya010402	42.59	5.55	636.25	0.414	2271.18	495.37	0.754	0.0493	1823.13	4335.98	486.74	1803.35
Ya010501	45.55	10.84	705.07	0.207	1996.84	512.05	1.19	0.0502	3394.76	7589.38	790.63	2714.14
Ya010502	25.43	16.1	660.68	2.1	1658.21	631.96	7.51	0.092	4088.36	8225.8	873.14	3082.76
Ya030101	43.55	16.43	698.37	0.201	2557.42	536.09	3.33	0.0386	3234.87	7334.31	784.97	2672.54
Ya030102	41.25	9.73	679.15	0.33	1932.62	525.11	0.961	0.0471	2536.37	6357.1	687.15	2432.79
Ya030201	47.57	10.26	694.26	0.199	1898.34	506.22	3.79	0.0398	3206.7	7284.89	759.46	2544.58
Ya030202	47.03	17.86	698.55	0.2	1983.98	468.2	3.65	0.0477	2912.98	6840.17	709.79	2470.06
Ya030301	44.61	18.48	669.81	0.215	1803.06	452.96	5.15	0.0458	2725.68	6288.26	652.15	2273.81

Table DR3 (Continued)

Ya030302	42.57	20.3	681.56	0.197	2087.84	455.77	6.85	0.0488	2661.06	6301.56	679.99	2401.29
Ya030401	44.26	8.82	674.12	0.202	2069.49	450.32	0.892	0.092	2471.79	5859.06	619.44	2174.38
Ya030402	44.97	21.14	691.06	0.196	1894.48	402.4	5.35	0.042	2456.99	5697.72	593.28	2039.11
Ya30101	41.82	28.68	521.54	0.204	17439.3	291.01	12.15	0.0252	1971.62	4222.09	457.55	1706.65
Ya30102	39.84	28.57	530.24	0.189	16680.28	308.38	16.15	0.048	2112.24	4580.29	494.45	1822.82
Ya30201	39.38	20.5	509.76	0.196	16508.58	212.28	13.49	0.0341	1212.95	2701.4	326.26	1274.87
Ya30202	39.26	22.14	487.03	0.198	16041.7	234.25	13.7	0.0384	1323.74	3031.18	358.61	1387.58
Ya30301	39.76	17.6	505.88	0.182	17913.03	220.64	14.64	0.026	1352.3	3007.88	340.4	1293.44
Ya30302	38.89	27.81	641.37	0.189	14270.88	332.05	11.8	0.0376	2506.53	5196.63	542.04	1917.89
Ya30401	37.69	29.89	487.81	0.178	18303.96	366.49	12.55	0.0522	2567.52	5491.34	586.63	2156.88
Ya30501	38.78	24.95	552.09	0.207	17014.83	564.66	15.31	0.127	3649.9	8470.9	941.54	3499.4
Ya30502	40.66	30.02	525.23	0.183	17784.43	301.17	13.68	0.0377	1948.03	4348.94	479.32	1802.74
Ya30601	39.99	31.87	505.18	0.179	17528.55	274	12.9	0.0378	1849.08	3957.41	434.77	1597.69
Ya30602	39.25	26.56	571.15	0.248	12152.8	666.63	11.18	0.098	4406.52	9692.04	1048.23	3707.64
Ya30701	38.65	19.43	619.02	0.188	16331.29	748.71	7.9	0.116	5001.15	10770.02	1128.34	3958.6
Ya30702	39.1	24.5	603.14	0.195	16415.8	558.94	4.97	0.067	4003.36	8690.1	892.06	3074.6
Ya30801	38.56	27.14	532.02	0.184	16888.92	297.81	12.07	0.0325	2270.36	4657.65	487.63	1739.56
Ya30802	42.54	26.54	538.37	0.185	16990.72	527.41	10.89	0.102	3798.98	7999.56	823.81	2885.81
Ya30901	41.76	26.33	523.81	0.19	17231.29	266.48	11.63	0.0523	1706.49	3712.52	406.88	1501.38
Ya30902	42.26	25.42	507.7	0.18	16469.58	246.24	11.14	0.0578	1589	3463.51	391.24	1460.4
Ya301001	39.08	29.52	524.25	0.188	17997.2	294.02	13.83	0.0421	1930.16	4182.09	450.78	1651.97
Ya301002	40.47	31.29	569.8	0.188	16543.38	308.48	14.01	0.0398	2402.35	4932.56	512.2	1841.21

Table DR3 (Continued)

Analysis Spot	Trace element (ppm)											
	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta
RDX1512-5-2	170.17	20.49	148	12.56	58.23	9.48	23.32	2.447	13.89	1.767	0.0285	0.0079
RDX1512-5-1	349.93	41.83	299.62	26.26	122.05	20.24	51.05	5.39	30.93	3.92	0.0662	0.0112
RDX1512-6	211.24	25.29	178.01	15.83	74.36	12.23	30.77	3.25	18.37	2.435	0.0281	0.0063
RDX1512-7	226.18	27.21	190.51	17.01	80.25	13.43	33.65	3.65	20.22	2.593	0.0251	0.0087
RDX1512-10	337.65	40.79	276.96	25.09	119.06	19.32	47.83	5.3	29.28	3.61	0.044	0.0049
RDX1512-11	156.63	18.44	128.5	11.62	53.84	9	21.66	2.265	13.01	1.694	0.0127	0.0038
RDX1515-1-1	143.61	17.52	95.11	9.95	47.45	8.04	18.44	2.031	11.34	1.457	0.032	0.0045
RDX1515-1-2	134.85	16.83	90.61	9.35	44.81	7.63	17.38	1.915	10.37	1.338	0.032	0.0064
RDX1515-4-1	226.25	26.9	150.82	16.09	76.01	13.16	30.33	3.5	18.6	2.29	0.068	0.0042
RDX1515-4-2	182.36	21.93	121.91	12.88	61.69	10.49	23.9	2.68	14.25	1.822	0.0173	0.0059
RDX1515-7-2	160.99	17.48	108.87	11.75	60.06	10.34	24.02	2.78	14.92	2.034	0.055	0.0162
RDX1515-8-1	137.18	15.83	95.32	10	48.93	8.42	20.01	2.297	12.17	1.821	0.0163	0.0019
RDX1515-8-2	152.12	18.17	100.35	10.32	49.75	8.45	19.54	2.189	11.65	1.534	0.043	0.0068
RDX1501050101	157.46	10.5	106.13	10.83	54.24	10.09	26.61	3.59	21.99	3.59	0.057	0.0158
RDX1501050102	75.45	11.12	51.55	5.37	26.99	4.86	13.45	1.664	10.74	1.704	0.057	0.0156
RDX1501050201	179.46	24.59	150.07	21.4	132.06	25.41	72.67	10.09	66.7	9.36	0.075	0.0226
RDX1501050202	176.64	39.35	130.48	16.76	94.14	16.91	46.54	6.77	44.53	6.39	0.07	0.0205
RDX1501050301	164.53	22.45	97.57	9.89	47.76	8.16	21.36	2.646	15.95	2.132	0.041	0.0111
RDX1501050302	236.36	36.09	215.51	34.13	210.93	41.11	119.81	17.56	110.75	15.86	0.046	0.0495
RDX1501050401	82.61	13.91	57.88	6.04	30.83	5.54	16.15	2.144	13.58	2.336	0.05	0.0204
RDX1501050402	190.75	18.8	129.73	13.78	71.27	12.51	31.8	4	23.24	3.53	0.056	0.0201
RDX1501050501	96.54	16.42	69.16	6.75	33.87	6.48	17.9	2.421	17.07	3.17	0.044	0.0182
RDX1501050502	92.54	12.34	57.25	5.4	26.65	4.47	11.54	1.438	8.35	1.166	0.0352	0.0204
RDX1501050503	173	32.51	118.11	12.76	64.21	11.34	28.76	3.55	20.75	3.01	0.058	0.0092
RDX1501050504	150.19	11.05	101.42	10.62	52.3	9.63	25.68	3.35	21.8	3.43	0.043	0.0178
RDX1501050505	173.82	39.92	118.47	14.47	77.05	13.83	37.87	5.17	31.66	4.26	0.036	0.0131
RDX1501050506	99.37	12.41	66.16	6.51	31.44	5.83	15.08	1.98	11.87	2.055	0.037	0.0223
RDX1501050507	198.76	23.49	181.41	29.39	186.13	37.7	112.18	16.5	110.32	15.44	0.067	0.0199
MD-1-1	105.28	17.57	73.92	6.93	35.25	6.53	16.2	1.97	11.6	1.776	0.022	0.0052
MD-1-2	94.09	15.53	66.1	6.39	31.8	6.06	14.88	1.85	11.07	1.672	0.036	0.0121

Table DR3 (Continued)

MD-1-3	100.69	16.56	69.27	6.73	33.51	6.06	15.58	1.962	11.04	1.777	0.0093	0.0073
MD-1-4	147.96	23.29	102.22	10.11	51.09	9.2	23.11	2.74	16.14	2.39	0.0184	0.0126
MD-1-5	102.74	15.61	72.22	6.96	33.49	6.18	15.2	1.775	9.83	1.441	0.034	0.0051
MD-1-6	110.53	18.69	76.75	7.34	36.2	6.81	16.86	2.123	12.34	1.817	0.0263	0.0055
MD-1-7	89.78	14.04	63.16	6.03	30.22	5.53	13.68	1.645	9.65	1.46	0.0222	0.0039
MD-1-8	136.66	22.26	91.46	9.15	45.58	8.21	21.02	2.449	15.13	2.277	0.0185	0.0091
MD-1-9	132.8	21.87	91.38	8.99	45.01	8.42	21.71	2.618	15.64	2.357	0.034	0.0128
MD-1-10	117.24	16.96	86.16	9.44	47.59	8.74	21.92	2.65	15.09	2.077	0.031	0.0052
MD-1-11	102.07	14.13	78.29	8.25	42.67	8.03	20.71	2.494	14.43	2.059	0.022	0.0105
MD-1-12	123.13	20.5	84.02	8	40.75	7.54	19.15	2.294	13.62	2.117	0.041	0.009
MD-1-13	65.2	10.06	42.29	4.37	20.24	3.79	9.66	1.054	6.43	0.951	0.021	0.0097
MD-1-14	111.7	18.36	75.26	7.29	37.66	6.8	17.14	2.055	11.91	1.799	0.016	0.0055
MD-1-15	129.59	20.86	88.92	8.73	43.34	8.24	20.26	2.465	14.83	2.164	0.0135	0.0073
MD-1-16	103.99	16.89	70.3	7.1	35.42	6.5	16.63	2.095	12.1	1.91	0.024	0.0095
MD-1-17	95.69	15.15	65.86	6.61	32.95	6.14	15.31	1.882	11.32	1.732	0.037	0.0024
MD-1-18	121.78	20.44	85.39	8.4	41.87	7.58	19.66	2.344	13.81	2.15	0.022	0.0118
MD-1-19	122.23	21.3	86.16	8.5	41.99	7.84	19.94	2.474	15.55	2.269	0.027	0.0076
MD-1-20	113.52	18.4	75.82	7.58	37.22	7.01	18.23	2.16	12.61	1.863	0.035	0.0086
MD-1-21	132.68	21.12	90.99	9.02	44.94	8.16	19.7	2.482	13.85	2.055	0.044	0.0075
MD-1-22	91.96	15.69	61.77	6.22	31.85	5.86	15.33	1.881	11.32	1.699	0.031	0.0104
MD-1-23	122.35	20.26	84	8.21	41.54	7.84	19.82	2.332	14.47	2.112	0.038	0.0074
MD-1-24	102.44	17.26	71.49	6.8	33.8	6.31	15.93	1.925	11.71	1.723	0.0218	0.0138
MD-1-25	116.51	18.38	79.63	7.98	39.93	7.28	18.31	2.213	12.95	1.933	0.032	0.0107
MD-1-26	112.82	17.53	83.08	8.71	46.85	9	22.41	2.503	13.57	2.077	0.0182	0.0052
MD-1-27	93.56	12.22	82.22	9.54	54.52	11.04	26.49	2.64	13.24	1.829	0.027	0.0141
MD-1-28	127.18	20.95	87.32	8.64	43.57	8.06	20.46	2.57	15.45	2.283	0.0138	0.0102
MD-1-29	98.65	16.16	67.26	6.66	33.56	5.97	15.48	1.892	11.51	1.766	0.025	0.0093
SR1546-1-1	225.05	28.38	210.91	24.16	132.47	20.15	52.23	6.2	44.6	6.38	0.0313	0.0034
SR1546-1-2	231.54	26.75	218.39	25.37	142.81	22.08	58.74	7.09	51.82	7.45	0.0266	0.0077
SR1546-2-1	344.98	20.13	313.53	40.1	253.39	43.57	129.27	17.33	131.88	18.84	0.0585	0.0165
SR1546-3-1	365.83	31.5	358.99	44.97	270.53	44.28	122.23	14.84	105.46	14.7	0.0592	0.0175

Table DR3 (Continued)

SR1546-3-2	382.33	25.28	363.69	46.84	290.48	48.85	139.96	17.68	127.63	17.73	0.0507	0.02
SR1546-4-1	408.83	22.06	395.64	50.62	311.26	52.34	150	19.24	143.17	20.15	0.0547	0.0182
SR1546-4-2	372.62	19.74	357.48	45.5	283.82	48.09	138.46	17.88	132.86	18.65	0.0533	0.1901
SR1546-5-1	531.22	27.03	514.66	66.79	411.89	69.84	201.38	26.18	197.05	27.45	0.0782	0.0243
SR1546-5-2	405.85	20.15	384.18	49.48	311.32	52.8	154.33	20.15	152.89	21.55	0.0625	0.0223
SR1546-6-1	349.39	18.15	322.65	41.45	257.75	44.67	132.57	17.47	137.16	19.53	0.055	0.0154
SR1596-1-2	148.73	15.21	196.29	27.99	194.62	41.6	134.2	17.9	135.56	22.2	0.041	0.026
SR1596-2-1	16.39	2.14	19.44	1.53	10.33	2.27	6.91	1.19	7.62	0.92	1.07	-0.04
SR1596-3-2	28.96	5.76	44.7	6.02	34.25	5.46	16.19	3.24	7.69	3.24	3.21	-0.25
SR1596-4-1	234.48	15.37	211.42	21.76	134.56	25.42	80.31	10.3	77.83	11.79	0.0341	0.0104
SR1596-4-2	333.02	20.02	295.3	30.48	189.94	35.94	112.13	14.91	110.01	16.23	0.058	0.0089
SR1596-5	337.33	20.24	274.13	37.37	220.75	45.6	141.43	17.42	128.66	14.5	0.06	-0.03
SR1596-6	199.18	17.15	307.3	39.64	563.2	34.66	110.11	11.47	135.52	49.33	4.35	-0.41
SR66-13	23.05	9.23	19.48	1.384	8.19	1.488	4.49	0.46	3.71	0.648	0.0146	0.0051
SR66-14	120.27	27.83	102.49	7.87	44.85	7.65	21.46	2.12	16.15	2.518	0.0107	0.004
SR66-15	138.14	19.62	115.48	9.24	53.24	8.62	22.65	2.11	14.4	2.024	0.0133	0.004
SR66-16	42.93	13.01	35.33	2.522	14.41	2.562	7.51	0.776	5.99	1.013	0.0076	0.0035
SR66-17	128.18	22.64	107.28	8.3	48.17	7.92	22.15	2.062	14.94	2.261	0.0144	0.0031
SR66-18	44.13	12.31	36.32	2.711	16.26	2.818	8.31	0.829	6.38	1.044	0.0527	0.0028
SR66-19	153.59	20.67	128.08	10.36	60.08	9.61	26.02	2.461	17.37	2.388	7.45	0.0043
SR66-20	102.4	16.4	91.33	8.23	51.55	8.62	24.07	2.334	16.4	2.375	0.125	0.861
SR66-21	94.4	21.01	79.44	6.01	34.78	5.85	16.61	1.646	12.36	1.948	0.0108	0.0036
SR66-23	119.15	19.89	101.79	8.06	46.94	7.62	20.96	2.001	14.63	2.117	0.0118	0.004
SR66-24	80.59	16.58	72.84	6.25	37.46	6.36	17.68	1.692	12.96	1.954	0.01	0.0026
SR1583-6-1	54.28	14.74	45.99	3.9	23.14	4.16	11.86	1.193	8.83	1.349	0.023	0.0073
SR1583-6-2	51.26	13.04	42.6	3.27	20.04	3.51	10.03	0.999	7.53	1.17	0.0073	0.003
SR1583-7-2	37.42	11.6	37.66	2.67	12.82	3.03	9.22	1.02	8.37	1.52	-0.82	-0.04
SR1583-8-2	131.93	25.11	113.34	9.31	54.51	9.38	26.13	2.55	18.02	2.713	0.497	0.0048
SR1583-9-1	148.59	25.39	126.37	10.59	62.18	10.46	28.83	2.77	19.42	2.83	0.0163	0.0039
SR1583-9-2	156.46	26.54	131.89	10.78	62.43	10.38	28.22	2.696	18.79	2.719	0.0146	0.0033
SR1583-10-1	153.94	21.74	128.47	10.78	62.44	10.4	27.49	2.544	17.17	2.342	0.0193	0.0044
SR1583-10-2	171.41	29.8	149.83	9.87	65.53	11.3	24.17	3.19	15.91	3.03	1.2	-0.24

Table DR3 (Continued)

SR83-2-1	56.46	16.55	43.14	3.79	22.26	2.01	9.7	1.17	11.38	1.05	3.88	0.36
SR66-1	113.83	27	98.41	7.8	45.82	7.72	21.48	2.105	15.55	2.482	0.0153	0.0049
SR66-2	109.84	24.88	93.29	7.48	44.62	7.61	22.02	2.279	16.3	2.731	0.0181	0.0029
SR66-3	90.4	21.2	79.14	6.89	42.31	7.35	21.06	2.144	16.07	2.484	0.0208	0.0021
SR66-4	70.16	15.75	59.92	4.58	26.86	4.7	13.55	1.322	9.98	1.512	0.0209	0.0029
SR66-5	128.92	20.23	107.92	8.52	49.92	8.17	21.83	2.058	14.68	2.076	0.017	0.0044
SR66-6	143.41	29.44	121.86	9.51	55.58	9.44	26.6	2.663	19.39	3	0.0143	0.0055
SR66-7	160.31	32.83	137.14	10.92	63.24	10.65	29.98	2.99	21.73	3.4	0.0169	0.006
SR66-9	117.68	22.41	99.09	7.92	45.81	7.77	21.11	2.062	14.62	2.282	0.0115	0.0057
SR66-10	187.55	19.12	152.24	12.92	75.87	11.96	30.63	2.885	19.32	2.452	0.0094	0.0044
SR66-11	121.97	22.27	102.14	7.96	45.64	7.6	21.15	2.041	14.75	2.258	0.0546	0.0033
SR66-12	95.27	17.18	81.88	6.64	38.87	6.51	18.18	1.713	12.65	1.909	0.0103	0.0034
SR1545-4-1	255.98	22.69	416.55	22.99	221.19	52.91	172.59	-7.7	4.19	20.56	5.28	-2.28
SR1545-4-2	415.11	33.82	273.08	45.94	269.96	48.2	158.3	17.22	135.86	15.94	0.19	0.35
SR1545-7-2	290.57	24.5	282.61	41.7	228.57	40.15	99.83	13.59	102.86	13.73	0.06	0.177
SR1545-9-2	255.3	17.88	187.34	26.47	157.08	25.66	74.62	8.61	73.2	10.66	-0.31	0.06
SR1593-2	46.81	3.72	23.79	2.56	11.53	2.86	13.6	1.32	19.92	1.74	4.06	1.57
SR1593-4	166.06	8.71	143.81	13.67	82.59	14.62	45.22	5.21	37.66	5.04	0.036	0.0134
SR1593-5	38.46	5.57	44.32	4.95	31.06	5.71	18.36	1.81	22.5	2.98	1.11	-0.2
SR1593-6-1	191.19	10.84	158.2	16.11	93.44	16.23	50.02	5.99	46.44	6.22	0.0074	0.0082
SR1583-1-1	117.94	21.9	97.69	8.99	46.1	7.49	20.23	1.989	13.84	1.974	0.0099	0.0028
SR1583-1-2	105.28	31.32	86.51	7.84	41.04	6.95	19.38	1.988	14.47	2.224	0.0124	0.0018
SR1583-3	173.21	43.8	141.7	12.88	67.09	11.31	32.4	3.35	24.77	3.71	0.031	0.0026
SR1583-4-1	71.05	17.11	56.38	5.14	28.15	4.74	13.63	1.468	10.69	1.626	0.0104	0.00221
SR1583-4-2	58.13	14.13	46.42	4.36	24.08	4.05	11.69	1.27	9.38	1.32	0.0068	0.0057
SG3-8-1	72.44	17.35	63.85	6.7	33.66	5.96	14.92	1.753	10.16	1.424	7.15	0.351
SG3-8-2	44.85	11.2	40.34	4.21	20.67	3.6	8.76	0.962	5.52	0.755	0.027	0.0028
SG3-9-1	46.8	11.77	45.29	4.78	23.72	4.29	10.32	1.232	7.26	1.03	0.304	0.234
SG1-5-1	42.41	10.18	40.95	4.61	25.61	4.63	11.98	1.492	8.61	1.205	0.0054	0.0026
SG1-6-1	43.03	10.59	39.65	4.87	26.63	5.03	13.44	1.737	10.85	1.673	0.047	0.0023
SG1-6-2	45.1	11.68	40.39	4.48	23.12	4.11	10.09	1.218	7.44	1.069	0.0314	0.005
SR1566-18	262.08	30.59	260.23	41.91	257.66	51.45	151.49	21.66	143.15	20.27	0.109	0.0156

Table DR3 (Continued)

Sr1566-19	455.46	40.95	411.91	60.81	362.16	69.15	198.24	27.88	186.15	25.92	0.062	0.0276
Sr1566-20	468.03	42.44	477.45	75.75	466.59	90.71	253.96	36.03	224.7	31.51	0.119	0.0228
Sr1583-01	235.82	21.64	220.75	34.02	210.41	40.78	117.95	17.18	115.27	16.41	0.056	0.0229
Sr1583-02	291.18	24.84	263.67	38.12	227.12	43.36	122.4	16.99	105.44	14.7	0.07	0.0162
Sr1583-03	228.1	32.8	218.44	34.23	205.03	38.23	101.61	12.67	73.59	9.33	0.06	0.0203
Sr1583-04	225.72	27.43	218.14	33.98	213.4	43.12	127.49	18.72	120.76	17.28	0.062	0.0166
Sr1583-05	264.11	25.03	230.26	31.69	180.39	32.92	88.09	11.34	67.04	8.6	0.143	4.98
Sr1583-06	475.98	42.84	452.68	70.06	424.5	83.14	241.84	35.56	236.29	33.01	0.104	0.025
Sr1583-07	305.69	21.12	278.35	39.63	226.08	40.44	104.63	12.68	70.83	8.99	0.049	0.0162
Sr1583-08	355.71	32.09	349.94	53.85	328.47	64.16	186.36	25.66	168.84	23.14	0.06	0.179
Sr1583-09	507.67	45.66	430.41	62.53	377	72.57	211.86	32.21	219.21	31.08	0.091	0.0207
Sr1583-10	308.95	29.87	309.91	48.79	302.84	58.69	169.35	24.52	161.11	22.29	0.091	0.0221
Sr1583-11	266.53	30.5	252.88	38.97	238.36	46.58	136.2	19.55	123.36	16.54	0.062	0.0193
Sr1583-12	198.76	23.49	181.41	29.39	186.13	37.7	112.18	16.5	110.32	15.44	0.067	0.0199
Sr1583-14	157.46	10.5	106.13	10.83	54.24	10.09	26.61	3.59	21.99	3.59	0.057	0.0158
NMQ76-1-1	158.22	12.71	128.63	14.41	92.58	18.62	67.59	9.33	55.11	5.24	0.0163	0.0031
NMQ76-1-2	164.1	13.47	132.59	15.05	96.92	19.65	70.94	9.94	58.88	5.68	0.0117	0.0041
NMQ76-1-3	142.8	14.6	128.02	15.44	104.1	21.32	79.86	11.55	72.83	7.08	0.0873	0.007
NMQ76-1-4	191.64	16.71	158.76	18.6	122.6	25.04	92.3	13.36	85.1	8.24	0.0183	0.0067
NMQ76-1-5	156.94	12.55	138.16	16.57	112.12	23.6	88.11	12.71	78.21	7.61	0.0753	0.0047
NMQ76-1-6	210.57	15.8	168.96	19.71	129.05	26.07	95.64	13.63	82	7.84	0.207	0.0041
NMQ76-1-7	81.75	11.69	80.55	9.99	71.13	15.41	61.37	9.29	60.77	6.06	0.02	0.0035
NMQ76-1-8	137.71	13.27	118.75	13.96	92.53	19.21	72.06	10.47	65.37	6.51	21.13	0.0087
NMQ76-1-9	139.34	13.89	119.62	14.24	95.94	20.05	75.4	11.14	69.09	6.85	0.0292	0.0054
NMQ76-1-10	152.73	12.76	124.1	14.08	91.84	18.62	68.49	9.94	61.15	5.93	0.0134	0.0041
NMQ76-1-11	198.24	18.68	166.8	19.74	131.3	26.88	99.76	14.74	92.19	9.07	5.57	0.0078
NMQ76-1-12	162.54	14.81	135.17	15.67	101.92	20.83	77.15	11.12	68.99	6.79	0.0122	0.0055
NMQ76-1-13	226.37	18.34	185.15	21.28	138.4	28.37	103.36	14.8	90.5	8.68	0.0254	0.0083
NMQ76-1-14	206.43	16.22	167.45	19.19	124.11	25.12	91.8	12.9	77.76	7.46	0.0186	0.0086
NMQ76-1-15	160.02	9.3	158.89	23.73	158.69	30.42	90.31	11.1	61.31	6.56	0.0418	0.009
NMQ76-1-16	96.07	9.46	106.07	16.7	117.72	23.66	73.09	9.27	52.23	5.7	0.0648	0.0089
NMQ76-1-17	171.43	7.29	158.17	22.25	143.73	26.54	78.46	9.38	50.96	5.39	0.0401	0.009

Table DR3 (Continued)

NMQ76-1-18	132.45	9.6	137.08	20.51	141.21	27.75	84.62	10.59	59.14	6.3	0.039	0.0076
NMQ76-1-19	113.29	7.09	114.61	16.38	109.22	20.77	60.93	7.15	37.64	3.96	0.0207	0.0099
NMQ76-1-20	139.14	7.69	137.45	19.41	128.08	24.25	71.49	8.34	45.13	4.7	0.0217	0.0101
NMQ76-1-21	131.41	9.52	133.52	18.85	129.36	25.32	78.08	9.75	55.2	5.91	0.039	0.0086
NMQ76-1-22	160	8.84	155.62	21.44	142.03	27.11	80.11	9.76	54.61	5.74	1.774	0.0084
NMQ76-1-23	180.94	8.77	172.29	24.29	160.69	30.14	88.89	10.7	59.34	6.22	0.0463	0.0111
NMQ76-1-24	206.34	8.51	190.43	26.16	170.47	31.53	92.15	10.94	61.07	6.3	0.044	0.0076
NMQ76-1-25	109.73	9.78	122.15	18.57	132.48	26.25	81.65	10.31	58.33	6.27	0.0263	0.0101
NMQ76-1-26	176.74	9.89	178.05	25.27	174.02	33.21	101.09	12.49	69.96	7.35	0.0302	0.0075
NMQ76-1-27	135.27	9.32	138.34	19.2	131.16	25.22	76.56	9.47	53.84	5.7	0.0682	0.0052
NMQ76-1-28	190.98	9.02	186.07	25	165.85	30.95	91.32	10.97	60.81	6.32	0.038	0.0078
NMQ76-1-29	168.14	8.98	168.67	22.66	153.07	28.55	85.12	10.3	57.46	5.97	0.0286	0.0059
NMQ76-1-30	220.74	9.03	208.77	27.17	180.26	32.69	97.25	11.73	65.24	6.69	0.0358	0.0059
NMQ76-1-31	183.7	9.5	186.28	24.87	169.53	31.87	95.94	11.61	66.5	6.91	0.0324	0.0094
NMQ76-1-32	126.02	9.66	137.37	19.29	136.13	26.36	81.37	10.05	57.48	6.04	0.099	0.0082
NMQ76-1-33	140.01	9	145.65	19.9	136.9	25.83	79.74	9.72	56.09	5.83	3.65	0.0227
NMQ76-1-34	180.57	8.56	180.04	23.88	161.59	29.92	90.26	10.93	61.32	6.41	0.0203	0.0083
NMQ76-1-35	173.28	9.27	175.49	23.51	161.3	30.34	91.17	11.06	62.27	6.48	0.0257	0.0057
NMQ76-1-36	185.94	8.44	184.16	24.3	163.63	30.07	89.91	10.82	60.79	6.22	0.184	0.0108
NMQ76-1-37	125.62	8.74	133.47	18.52	132.15	25.84	81.09	10.47	67.37	7.79	423.74	0.0626
NMQ76-1-38	136.91	9.86	147.56	20.53	144.93	28.1	86.18	10.74	61.46	6.45	0.0474	0.0061
NMQ76-1-39	168.14	8.98	168.67	22.66	153.07	28.55	85.12	10.3	57.46	5.97	0.0286	0.0059
NMQ76-1-40	220.74	9.03	208.77	27.17	180.26	32.69	97.25	11.73	65.24	6.69	0.0358	0.0059
NMQ76-1-41	183.7	9.5	186.28	24.87	169.53	31.87	95.94	11.61	66.5	6.91	0.0324	0.0094
NMQ76-1-42	126.02	9.66	137.37	19.29	136.13	26.36	81.37	10.05	57.48	6.04	0.099	0.0082
NMQ76-1-43	140.01	9	145.65	19.9	136.9	25.83	79.74	9.72	56.09	5.83	3.65	0.0227
NMQ76-1-44	180.57	8.56	180.04	23.88	161.59	29.92	90.26	10.93	61.32	6.41	0.0203	0.0083
NMQ76-1-45	173.28	9.27	175.49	23.51	161.3	30.34	91.17	11.06	62.27	6.48	0.0257	0.0057
NMQ76-1-46	185.94	8.44	184.16	24.3	163.63	30.07	89.91	10.82	60.79	6.22	0.184	0.0108
NMQ76-1-47	125.62	8.74	133.47	18.52	132.15	25.84	81.09	10.47	67.37	7.79	423.74	0.0626
NMQ76-1-48	136.91	9.86	147.56	20.53	144.93	28.1	86.18	10.74	61.46	6.45	0.0474	0.0061
ZD1534-1-1	80.95	15.7	117.28	18.67	118.33	23.41	63.73	7.85	46.11	5.47	0.66	0.056

Table DR3 (Continued)

ZD1534-1-2	135.33	23.51	194.09	37.92	269.69	58.43	164.84	20.55	118.53	14.82	0.056	0.0077
ZD1534-2-1	90.3	13.5	69.59	6.23	27.92	4.97	12.77	1.527	9.61	1.376	0.0115	0.00153
ZD1534-2-2	76.26	12.69	61.21	6.2	30.36	5.77	15.34	1.884	12.43	1.89	0.0055	0.00217
ZD1534-3-1	90.84	12.67	88.45	11.04	59.07	10.87	26.13	2.822	15.77	2.082	0.0164	0.00343
ZD1534-3-2	76.54	10.37	71.93	7.75	38.25	7.1	17.07	1.808	10.73	1.4	0.0086	0.00245
ZD1534-4-1	86.58	13.37	68.82	5.95	26.47	4.79	12.45	1.412	8.87	1.267	0.0093	0.00303
ZD1534-4-2	62.07	9.4	48.71	4.13	18.28	3.34	8.47	0.964	6.08	0.864	0.0055	0.00211
ZD1534-5-1	57.18	8.34	51.16	5.5	26.8	4.84	11.49	1.241	7.4	1.032	0.0094	0.00555
ZD1534-5-2	23.57	4.57	21.38	2.621	14.49	2.812	7.25	0.903	5.65	0.778	0.0061	0.00221
ZD1534-6-1	98.57	10.33	105.24	13.79	78.62	13.12	31.27	3.25	17.34	2.204	0.0178	0.0026
ZD1534-6-2	85.41	5.65	113.57	17.24	101.34	16.7	38.16	3.81	18.77	2.264	0.0274	0.008
ZD1534-7-1	101.34	13.8	81.17	7.05	35.1	5.98	15.45	1.705	9.87	1.42	0.0125	0.00419
ZD1534-7-2	102.49	13.95	88.01	8.67	44.69	8.01	20.05	2.179	12.21	1.648	0.0239	0.0064
ZD1534-8-1	79.62	11.13	64.09	5.15	24.98	4.48	12.09	1.418	8.77	1.293	0.0065	0.00233
ZD1534-8-2	91.49	13.21	74.26	6.08	29.92	5.28	14.5	1.733	11.08	1.609	0.01	0.0034
ZD1534-9-1	81.63	10.28	71.82	6.53	31.17	4.94	12.14	1.359	8.65	1.255	0.0203	0.0044
ZD1534-9-2	222.99	13.47	274.29	32.05	140.51	16.26	25.45	1.933	9.6	1.198	0.0429	0.0096
ZD1534-10-1	94.24	14.27	77.97	7.47	39.17	7.04	18.96	2.199	13.2	1.861	0.0133	0.0025
ZD1534-10-2	130.52	18.4	109.72	10.85	57.48	10.26	26.94	2.994	18.2	2.495	0.0157	0.00524
Wf70101	51.26	10.54	41.82	3.9	21.64	3.65	10.41	1.224	8.75	1.314	0.0116	0.0048
Wf70102	59.38	12.28	48.83	4.67	25.44	4.36	12.04	1.364	8.89	1.28	0.0125	0.0029
Wf70201	78.74	15.41	64.73	6.41	34.85	5.61	14.91	1.585	10.21	1.367	0.023	0.006
Wf70202	61.46	12.85	50.09	4.78	25.9	4.29	12.19	1.37	8.86	1.262	0.0072	0.003
Wf70301	84.95	16.11	66.68	6.14	32.5	5.12	13.56	1.528	9.85	1.23	0.0083	0.0035
Wf70302	64.37	12.9	52.45	5.01	26.81	4.44	12.35	1.353	9.21	1.259	0.0054	0.0033
Wf70401	61.73	12.34	51.07	4.75	26	4.31	11.93	1.329	8.7	1.181	0.0105	0.0032
Wf70402	63.77	12.85	52.17	4.77	26.4	4.44	12.08	1.346	8.62	1.186	0.0136	0.0026
Wf70501	78.77	15.53	63.03	5.82	32.05	5.1	14.35	1.583	10.39	1.394	0.0109	0.0023
CB31-1-1	228.56	21.75	183.69	20.31	109.68	21.79	63.87	9.02	67.25	10.3	0.0209	0.0061
CB31-1-2	169.61	16.56	137.87	15.22	81.98	16.27	48.01	6.72	50.22	7.91	0.022	0.0038
CB31-2-1	294.64	20.07	225.29	27.65	149.97	28.02	77.55	10.15	68.96	9.02	0.0151	0.0084
CB31-2-2	299.26	20.9	228.53	28.75	155.92	29.22	80.74	10.53	70.96	9.09	0.0335	0.0025

Table DR3 (Continued)

CB31-3-1	160.98	11.97	123.81	13.09	67.81	13.1	37.93	5.31	43.6	7.71	0.0157	0.00187
CB31-3-2	151.11	11.04	116.3	12.31	63.61	12.4	35.67	4.95	40.75	7.31	0.0123	0.00294
CB31-4-1	192.59	20.36	148	14.33	70.71	13.75	39.99	5.35	40.37	6.85	0.0085	0.0069
CB31-4-2	229.11	24.22	177.06	17.2	85.24	16.63	48.42	6.43	48.95	8.34	0.0174	0.004
CB31-5-1	213.07	16.95	163.25	16.93	88.15	17.1	49.12	6.43	47.24	7.13	0.0077	0.0039
CB31-5-2	267.73	21.21	205.31	21.48	111.7	21.63	62.26	8.26	60	9.02	0.0465	0.0043
CB31-6-1	208.17	11.92	127.92	19.33	75.64	16.17	36.73	5.16	56.91	5.41	2	0.24
CB31-6-2	226.56	18.47	176.74	18.8	96.35	18.44	51.15	6.6	45.69	6.89	0.0492	0.0028
CB31-7-1	192.07	21.13	150.57	15.6	79.71	15.42	42.7	5.4	38.5	5.88	0.0137	0.0048
CB31-7-2	230.78	25.1	180.87	18.88	96.07	18.56	52.08	6.67	46.63	7.13	0.0169	0.0063
SG3-1-1	48.42	10.28	43.8	3.87	25.46	4.3	13.01	1.312	9.64	1.188	0.266	0.0029
SG3-1-2	65.34	15.24	55.56	4.62	27.65	4.17	11.37	1.049	7.86	0.941	0.0082	0.0026
SG3-2-1	107	25.35	101.01	9.9	61.32	9.75	24.47	2.29	15.47	1.65	-0.06	0.018
SG3-3-1	55.54	12.65	50.45	4.62	29.57	4.61	12.28	1.137	7.52	0.895	0.0169	0.0049
SG3-3-2	49.99	11.49	44.34	4.19	26.69	4.05	10.93	1.025	6.98	0.817	0.0181	0.0026
SG3-4-1	63.44	14.24	56.84	5.11	34.69	5.74	17.63	1.784	13.8	1.633	0.012	0.0035
SG3-4-2	47.81	10.71	42.36	3.89	25.45	4.26	12.4	1.291	9.59	1.176	0.0119	0.0031
SG3-6-1	44.11	10.34	40.39	3.65	23.78	3.75	10.7	1.04	7.24	0.867	0.016	0.0033
SG3-6-2	38.29	9.26	35.72	3.19	20.75	3.26	9.22	0.844	6.04	0.695	0.0246	0.0032
SG3-1-1	48.42	10.28	43.8	3.87	25.46	4.3	13.01	1.312	9.64	1.188	0.266	0.0029
SG3-1-2	65.34	15.24	55.56	4.62	27.65	4.17	11.37	1.049	7.86	0.941	0.0082	0.0026
SG3-2-1	107	25.35	101.01	9.9	61.32	9.75	24.47	2.29	15.47	1.65	-0.06	0.018
SG3-3-1	55.54	12.65	50.45	4.62	29.57	4.61	12.28	1.137	7.52	0.895	0.0169	0.0049
SG3-3-2	49.99	11.49	44.34	4.19	26.69	4.05	10.93	1.025	6.98	0.817	0.0181	0.0026
SG3-4-1	63.44	14.24	56.84	5.11	34.69	5.74	17.63	1.784	13.8	1.633	0.012	0.0035
SG3-4-2	47.81	10.71	42.36	3.89	25.45	4.26	12.4	1.291	9.59	1.176	0.0119	0.0031
SG3-6-1	44.11	10.34	40.39	3.65	23.78	3.75	10.7	1.04	7.24	0.867	0.016	0.0033
SG3-6-2	38.29	9.26	35.72	3.19	20.75	3.26	9.22	0.844	6.04	0.695	0.0246	0.0032
SG3-1-1	48.42	10.28	43.8	3.87	25.46	4.3	13.01	1.312	9.64	1.188	0.266	0.0029
SG3-1-2	65.34	15.24	55.56	4.62	27.65	4.17	11.37	1.049	7.86	0.941	0.0082	0.0026
SG3-2-1	107	25.35	101.01	9.9	61.32	9.75	24.47	2.29	15.47	1.65	-0.06	0.018
SG3-3-1	55.54	12.65	50.45	4.62	29.57	4.61	12.28	1.137	7.52	0.895	0.0169	0.0049
SG3-3-2	49.99	11.49	44.34	4.19	26.69	4.05	10.93	1.025	6.98	0.817	0.0181	0.0026
SG3-4-1	63.44	14.24	56.84	5.11	34.69	5.74	17.63	1.784	13.8	1.633	0.012	0.0035
SG3-4-2	47.81	10.71	42.36	3.89	25.45	4.26	12.4	1.291	9.59	1.176	0.0119	0.0031
SG3-6-1	44.11	10.34	40.39	3.65	23.78	3.75	10.7	1.04	7.24	0.867	0.016	0.0033
SG3-6-2	38.29	9.26	35.72	3.19	20.75	3.26	9.22	0.844	6.04	0.695	0.0246	0.0032
SG3-1-1	48.42	10.28	43.8	3.89	25.45	4.26	12.4	1.291	9.59	1.176	0.0119	0.0031
SG3-1-2	47.81	10.71	42.36	3.89	25.45	4.26	12.4	1.291	9.59	1.176	0.0119	0.0031
SG3-6-1	44.11	10.34	40.39	3.65	23.78	3.75	10.7	1.04	7.24	0.867	0.016	0.0033
SG3-6-2	38.29	9.26	35.72	3.19	20.75	3.26	9.22	0.844	6.04	0.695	0.0246	0.0032
sg10502	1093.48	66.52	4352.34	77.13	163.74	693.55	2071.26	128.4	2928.54	124.32	3435.83	793.33
sg10601	4877.15	840.7	3322.7	544.87	1034.64	50.12	1118.05	353.02	2957.41	523.63	2271.16	605.59
sg10602	188.65	1150.88	385.6	47.13	40.02	153.58	244.64	38.62	259.43	20.25	215.16	11.71
sg10701	54.4	14.08	46.48	5.46	27.65	4.89	12.4	1.5	8.51	1.286	0.05	0.0177

Table DR3 (Continued)

sg10702	69.86	17.54	64.16	7.56	40.33	6.92	18.03	2.134	12.74	1.779	0.049	0.0134
sg10801	76.21	17.98	70.29	8.39	45.54	7.93	20.13	2.42	12.9	1.69	0.054	0.0095
sg10802	58.35	14.54	53	6.11	31.75	5.64	14.53	1.929	10.66	1.61	0.035	0.0129
sg10901	65.25	15.36	62.96	7.28	39.39	6.76	15.66	1.808	9.82	1.215	0.083	0.0171
sg10902	76.73	17.55	64.56	7.18	35.06	6.23	14.43	1.716	8.7	1.245	0.179	0.051
sg101001	67.73	16.37	54.45	5.85	29	4.91	11.36	1.26	7.41	1.034	0.043	0.0107
sg101002	1102.93	1364.87	422.97	61.99	702.21	269.28	335.29	0	3629.12	177.5	471.32	179.7
sg20101	618.93	1849.84	351.67	61.85	306.5	67.16	334.5	31.67	6955.91	99.6	195.9	153.66
sg20102	88.5	20.89	70.95	7.91	40.31	6.64	15.86	1.886	9.58	1.257	0.052	0.0173
sg20201	50.54	12.55	45.45	5.56	29.8	5.32	13.77	1.604	8.71	1.291	0.04	0.0089
sg20202	43.82	11.69	38.21	4.32	23.45	3.87	10.17	1.161	6.53	0.857	0.079	0.0139
sg20301	2438.73	705.3	2160.76	365.53	1323.83	343.7	838.86	418.57	1677.28	392.34	1700.9	211.12
sg20302	74.79	18.3	59.57	6.83	33.61	5.63	14.12	1.679	9.71	1.242	0.044	0.0092
sg20401	52.5	12.27	43.96	4.62	23.94	4.02	10.09	1.163	6.79	0.926	0.033	0.0138
sg20402	47.34	11	41.63	4.92	26.23	4.84	13.29	1.692	10.12	1.436	44.63	0.0176
sg20501	47.05	12.13	42.7	5.01	26.15	4.65	11.61	1.365	8.32	1.157	0.058	0.011
sg20502	49.13	12.77	58.73	7.46	39.25	6.02	13.57	1.307	6.26	0.801	0.041	0.0121
sg20601	73.15	16.82	64.33	7.29	43.09	8	20.88	2.57	15.28	2.21	0.083	0.025
sg20602	0	146.08	0	-11.58	514.94	148.81	497.3	0	408.77	215.76	216.17	0
sg20701	51	13.05	52.15	6.52	35.22	6.29	15.64	1.835	9.52	1.365	0.064	0.0114
sg20702	65.5	85.42	474.08	-10.19	-14.45	-3.82	-129.54	-27.45	181.42	-42.77	36.75	-78.45
SG3-8-1	72.44	17.35	63.85	6.7	33.66	5.96	14.92	1.753	10.16	1.424	7.15	0.351
SG3-8-2	44.85	11.2	40.34	4.21	20.67	3.6	8.76	0.962	5.52	0.755	0.027	0.0028
SG3-9-1	46.8	11.77	45.29	4.78	23.72	4.29	10.32	1.232	7.26	1.03	0.304	0.234
SG1-5-1	42.41	10.18	40.95	4.61	25.61	4.63	11.98	1.492	8.61	1.205	0.0054	0.0026
SG1-6-1	43.03	10.59	39.65	4.87	26.63	5.03	13.44	1.737	10.85	1.673	0.047	0.0023
SG1-6-2	45.1	11.68	40.39	4.48	23.12	4.11	10.09	1.218	7.44	1.069	0.0314	0.005
Lh010101	29.4	8.91	31.18	4.02	22.16	4.14	10.86	1.276	7.17	1.03	0.057	0.0143
Lh010102	30.23	9.57	29.95	4.1	22.01	4.02	10.5	1.26	6.71	1.147	0.038	0.01
Lh010201	116502.12	1843.86	1556.88	612	3239.19	749.62	1239.22	12659.9	4906.56	18849.15	1758.03	666.43
Lh010202	80.18	19.82	63.77	7.21	34.6	5.93	13.18	1.433	7.46	0.978	0.049	0.0144
Lh010301	1339.89	691.6	1362.71	133.48	376.84	309.23	650.72	205.91	1301.31	192.07	85.19	249.94

Table DR3 (Continued)

Lh010302	4132.88	806.31	3177.63	523.57	1402.3	509.81	1696.39	339.48	2145.55	505.35	2372	504.68
Lh010401	278.17	59.33	199.49	15.37	51.08	5.71	10.43	0.927	4.33	0.539	0.039	0.0202
Lh010402	303.3	67.07	211.06	16.15	51.37	5.67	10.12	0.773	3.43	0.358	0.042	0.0097
Lh010501	14.88	3.83	14.58	2.16	12.2	2.223	5.7	0.597	3.35	0.398	0.041	0.0177
Lh010502	2.07	0.622	3.12	0.592	4.35	0.95	2.54	0.29	1.55	0.166	0.042	0.0214
lh10101	72.96	18.77	49.65	5.2	24.27	4.18	9.78	1.106	6.23	0.813	0.043	0.01
lh10102	82.76	20.59	47.13	4.13	15.71	2.374	5.29	0.654	3.23	0.497	0.047	0.0119
lh10201	71.43	16.44	60.15	6.81	35.18	5.96	14.91	1.606	9.09	1.169	0.076	0.129
lh10202	77.43	17.53	63.3	7.35	35.76	6.02	14.48	1.567	8.69	1.124	0.25	0.292
lh10301	49.31	11.48	70.59	11.24	74.89	15.69	44.13	5.26	28.88	4.03	0.058	0.0157
lh10302	49.6	10.74	71.46	12.12	81.31	17.18	47.02	5.66	30.37	4.09	0.036	0.0151
lh10402	73.52	18.98	61.11	6.36	38.12	6.92	32.6	6.52	58.31	14.55	29.8	14.81
lh10501	3717.05	1495.93	7224.99	614.09	1416.52	668.21	1990.27	629.45	5628.58	1146.67	3320.56	1247.61
lh10502	52.92	13.87	45.77	5.26	27.61	4.77	11.35	1.327	6.94	0.891	0.046	0.0105
lh10601	80.68	17.35	61.56	6.45	33.94	5.7	13.8	1.614	8.53	1.261	0.063	0.0101
lh10701	289.06	149.29	2829.37	416.39	275.44	320.33	140.44	44.41	198.58	0	165.59	366.24
lh10702	1309.78	414.25	1334.14	152.51	603.87	106.66	899.97	201.22	899.83	82.18	750.26	345.35
lh10801	10437.19	2695.34	15036.19	573.93	4688.77	1203.46	8018.18	160.43	5070.4	674.68	797.46	1945.92
lh10802	127.72	35.64	134.14	14.92	56.87	6.65	9.83	0.706	2.82	0.313	0.047	0.0108
lh10901	37.91	10.1	32.61	3.79	19.29	3.2	8.07	0.806	4.73	0.604	0.049	0.0125
lh10902	6.26	2.39	11.32	2.087	12.53	1.994	4.1	0.443	2.24	0.258	0.048	0.0138
lh101001	6.95	2.36	10.74	1.938	12.48	1.989	4.41	0.439	2.19	0.305	0.078	0.0179
lh101002	74.52	18.67	61.96	7.29	38.75	7.01	18.1	2.07	12.1	1.532	0.038	0.0137
Lh020101	50.91	12.15	42.07	4.38	22.75	3.79	9.54	1.01	6.38	0.841	0.072	0.0122
Lh020102	41.52	9.55	36.13	3.99	21.26	3.99	10.41	1.389	8.06	1.164	0.03	0.0135
Lh020201	34.97	7.42	31.82	3.83	18.54	2.81	7.24	0.84	4.85	0.768	0.037	0.0155
Lh020202	69.46	16.46	57.07	6.68	35.27	6.66	17.87	2.255	12.48	1.65	0.053	0.0122
Lh020301	65.73	16.89	61.4	6.2	27.7	4.1	9.94	1.024	5.54	0.705	0.061	0.0156
Lh020302	61.92	14.97	47.42	5.06	24.28	4.15	9.93	1.111	6.38	0.845	0.073	0.0189
Lh020401	61.41	14.76	45.68	4.92	23.09	3.92	8.98	0.961	5.18	0.762	0.048	0.0186
Lh020402	33.66	5.28	44.7	6.4	38.58	7.53	19.49	2.314	12.62	1.934	0.0283	0.015
Lh020501	34.56	5.55	46.41	6.75	40.28	7.8	20.44	2.4	13.32	1.882	0.057	0.0135

Table DR3 (Continued)

Lh020502	58.1	15.37	54.81	7.01	38.87	6.89	17.3	1.961	10.69	1.445	0.059	0.0199
lh20101	62.2	15.8	50.52	5.83	29.7	4.67	10.72	1.237	6.75	0.946	0.057	0.0088
lh20102	64.19	16.19	55.88	6.81	34.01	5.73	13.66	1.582	8.23	1.182	0.037	0.0138
lh20201	64.26	15.96	55.27	6.4	33.32	6	14.67	1.855	9.42	1.262	0.056	0.0138
lh20202	9.87	3.05	13.39	2.168	14.57	2.95	8.21	0.964	5.76	0.962	0.037	0.0183
lh20302	63.78	15.95	54.16	6.73	35.91	6.61	17.2	2.066	11.95	1.647	0.037	0.0171
lh20401	20.63	4.44	22.32	2.66	14.77	2.49	4.99	0.496	2.11	0.281	0.055	0.018
lh20501	58.53	14.49	48.37	5.22	27	4.47	11.48	1.253	7.2	1.121	0.05	0.0116
SUS131-1-1	227.17	32.06	136.65	12.23	55.5	9.36	22.53	2.639	15.26	2.293	0.0235	0.0066
SUS131-1-2	167.4	21.53	105.97	9.13	40.8	6.85	16.36	1.956	11.74	1.818	0.0184	0.0038
SUS131-1-3	439.97	58.96	258.48	25.24	116.51	19.06	44.84	5.28	30.99	4.2	0.0249	0.0058
SUS131-1-4	360.94	50.89	213	20.41	93.31	15.29	35.85	4.19	24.51	3.39	0.0205	0.0068
SUS131-1-5	194.39	22.98	123.74	11.05	49.63	8.39	19.48	2.342	13.43	1.966	0.0252	0.0069
SUS131-1-6	244.47	25.77	153.97	13.61	60.88	10.29	23.87	2.71	16	2.278	0.0199	0.0055
SUS131-1-7	198.98	32.9	124.13	11.05	50.29	8.5	20.92	2.581	16.23	2.577	0.029	0.0056
SUS131-1-8	208.7	32.65	137.32	12.47	57.4	9.83	23.64	2.73	16.36	2.568	0.0461	0.0115
SUS131-1-9	194.14	27.11	125.71	11.08	49.82	8.4	20.7	2.409	14.87	2.446	0.0207	0.0058
SUS131-1-10	207.82	27.36	144.86	12.59	57.19	9.77	23.12	2.526	15.94	2.486	0.0261	0.0084
SUS131-1-11	221.96	24.53	147.42	12.96	57.85	9.75	22.7	2.541	15.04	2.293	0.028	0.007
SUS131-1-12	254.31	23.91	170.13	15.6	69.21	11.29	26.1	2.832	16	2.339	0.045	0.0118
SUS131-1-13	413.22	41.44	254.8	24.2	109.8	17.9	40.02	4.47	24.25	3.19	0.048	0.0059
SUS131-1-14	499.98	47.85	307.49	29.84	138.14	22.17	51.62	5.8	31.54	4.08	0.044	0.0082
SUS131-1-15	132.46	19.18	83.85	7.08	31.14	5.53	13.53	1.562	10.69	1.671	0.0456	0.0037
SUS131-1-16	139.39	17.25	93.24	7.91	35.41	5.92	14.31	1.653	9.67	1.594	0.0324	0.0076
SUS131-1-17	186.89	25.23	118.04	10.49	47.7	7.87	17.96	2.161	12.35	1.819	0.044	0.0055
SUS131-1-18	198.89	27.98	119.9	10.9	48.5	7.9	18.14	2.104	11.59	1.61	0.0154	0.0074
dy17059-sus-12-38-11-1-1	103.129348	18.8882016	82.2343764	10.0774193	52.3493417	9.74437599	24.1432876	2.99864793	16.7922536	2.49434158	0	0
dy17059-sus-12-38-11-1-2	30.7156389	17.4334759	45.1422484	2.6867381	18.4502163	2.26590833	2.73393019	0	2.69568565	2.2978501	0	0
dy17059-sus-12-38-11-2-1	131.451614	24.4646577	102.83629	12.4637991	67.2573733	12.220672	31.7647945	3.92284076	22.8795165	3.29830169	0.00597641	0.00394609
dy17059-sus-12-38-11-2-2	30.9444598	15.7529173	16.9523778	3.11755758	12.0712371	2.30685731	4.64006943	1.45482464	1.37042194	0	0	0.31575281
dy17059-sus-12-38-11-3-1	116.388117	21.9860075	95.9810953	11.8260364	64.3041658	11.7729553	29.562522	3.68472234	21.9472021	2.89340882	0.00531486	0
dy17059-sus-12-38-11-3-2	115.86851	22.1165704	96.4162105	11.3622482	61.1623207	11.2623044	28.4721625	3.40101249	20.1932947	2.95976597	0.00512014	0.00168989

Table DR3 (Continued)

dy17059-sus-12-38-11-4-1	49.9354876	6.34351915	31.334827	3.92631216	21.6420558	3.72412013	9.17707523	0.47008404	4.41615993	1.89330316	23.1317611	0
dy17059-sus-12-38-11-4-2	106.091924	19.9057847	81.713602	9.58727382	54.7943041	9.61201947	22.8583774	2.78399588	16.4750444	2.55127109	0	0
dy17059-sus-12-38-11-5-1	129.094864	22.8718776	100.995764	12.5023453	65.7696965	12.0016638	30.9840268	3.63118515	22.2408583	3.16437435	0.30851304	0.00221288
dy17059-sus-12-38-11-5-2	117.415018	21.3298316	95.4746569	11.4888366	59.8874212	11.2965772	28.0279418	3.29935172	19.8176358	2.75432886	0.00076673	0
dy17059-sus-12-38-11-6-1	132.565634	21.1598127	104.465982	12.9422238	68.2021104	12.4783952	31.1833229	3.76153243	23.250912	3.15399257	0.00520263	0.00171632
dy17059-sus-12-38-11-6-2	171.628623	37.3903745	141.957008	17.7463883	88.1150033	16.3972319	39.2755281	4.55320397	25.8839335	3.62699188	0.08549651	0
dy17059-sus-12-38-11-7-1	113.745499	21.0611055	90.8915609	10.9782163	57.8524663	11.2458286	27.6021321	3.3910849	19.603878	2.67953611	0	0
dy17059-sus-12-38-11-7-2	122.189675	21.7139606	95.9745986	11.5404212	58.3237321	10.754142	26.7903745	3.25180913	18.907793	2.57979862	0.01068914	0
dy17059-sus-12-38-11-8-1	124.469354	22.1476213	96.7808549	11.9054607	61.1478656	11.3248459	26.9094041	3.33508863	18.9126852	2.68192001	0.02443245	0
dy17059-sus-12-38-11-8-2	139.152786	26.8626111	109.38669	13.775895	71.8466509	13.0868877	32.5329382	4.14332427	22.8226533	3.32290486	0.00615351	0
dy17059-sus-12-346-5-11-1-1	118.012093	19.7184535	85.4043211	9.5946994	48.3235808	8.90300512	21.2896191	2.59449967	15.1945134	2.22692229	0.00492977	0
dy17059-sus-12-346-5-11-1-2	123.14479	23.4513761	90.4535584	10.809632	56.1229814	9.99260239	25.1031553	3.05886871	17.8772087	2.58674964	0	0.00162017
dy17059-sus-12-346-5-11-2-1	128.316772	21.3892773	93.9920281	10.3176795	52.9776124	9.56087095	22.4853882	2.84490272	16.7694725	2.4711882	0.00485851	0
dy17059-sus-12-346-5-11-2-2	3.34840782	0.8546892	0	0	0	0.42686364	0	0	0	0	1.2356946	0
dy17059-sus-12-346-5-11-3-1	114.294443	20.179439	80.3186362	9.13883388	46.2979437	8.39084238	20.1639674	2.49930405	14.9030187	2.11599413	0.00471552	0
dy17059-sus-12-346-5-11-3-2	131.214505	20.7730976	91.3192484	10.4955603	51.8114212	9.43789065	22.7732492	2.65620844	17.0431367	2.34717644	0.00968633	0.00161515
dy17059-sus-12-346-5-11-4-1	118.450747	19.920339	83.4272299	9.39307062	45.8708458	8.51675465	20.5952561	2.47518871	14.9514071	2.16328302	0.00483214	0
dy17059-sus-12-346-5-11-4-2	127.121126	20.9657122	91.0416066	10.5078591	52.3958143	9.39773273	23.0517589	2.82407875	16.0416995	2.45439865	0.00479733	0
dy17059-sus-12-346-5-11-4-3	121.497879	20.4219068	85.0368372	9.39126529	47.9863195	8.8306956	21.5414515	2.62449761	15.6709366	2.24482602	0.01404995	0
dy17059-sus-12-346-5-11-4-4	122.009957	21.1774909	86.3022096	10.3112263	52.4958381	9.27486332	22.132367	2.69957617	16.038944	2.21338775	0.0143065	0
dy17059-sus-12-346-5-11-5-1	126.052886	20.1442732	89.2586938	10.0190291	50.5236038	9.14122205	22.1328033	2.74892523	16.1455993	2.21795027	0	0
dy17059-sus-12-346-5-11-5-2	109.636944	19.5296473	79.6452351	8.89609574	44.3704684	7.78508062	18.8623502	2.37466944	13.7626752	2.02707889	0	0.00157878
dy17059-sus-12-346-5-11-6-1	129.574872	21.6348667	92.2974317	10.2631563	52.0167782	9.70083308	21.788846	2.86208745	16.5552856	2.40998236	0	0.00156169
dy17059-sus-12-346-5-11-6-2	121.909673	20.7219416	90.1654553	9.7296552	48.9123733	9.00237208	21.5632663	2.65900025	15.9271319	2.16000931	0.01396337	0.00466622
dy17059-sus-12-346-5-11-7-1	110.242158	20.3600033	76.822649	8.60564326	43.50505	8.01387803	19.1352693	2.27202898	13.9243744	2.11627201	0	0
dy17059-sus-12-346-5-11-7-2	117.875377	20.0456785	85.5536959	9.55697424	47.2027508	8.53963726	20.5001076	2.51514528	15.2137233	2.25679546	0	0.00156372
dy17059-sac-11-1-1	216.749566	26.2563146	190.504983	30.2209906	185.04504	36.6202458	102.287207	15.6097928	110.595789	15.4734735	0.00504373	0
dy17059-sac-11-1-2	107.780441	33.0395039	76.9237196	8.53317882	41.6492881	7.8986458	19.1983023	2.48156407	16.2364557	2.35940905	0	0
dy17059-sac-11-2-1	135.423292	28.3953061	102.311898	14.3680691	81.7201366	16.084491	45.7777188	6.99608689	51.6433323	7.3916342	0.00506447	0.0033931
dy17059-sac-11-2-2	221.234087	34.0943816	191.088879	32.4614774	199.420509	42.3153698	123.843944	20.1035414	141.957183	19.0094111	0.00513514	0.00516641
dy17059-sac-11-3-1	165.034144	36.4651652	128.295542	19.0694231	108.879922	21.4253442	60.465598	9.46600255	67.1089936	9.44620541	0.00992373	0.00166586
dy17059-sac-11-3-2	242.273016	41.809208	208.530445	33.3022437	201.941132	38.2472874	107.155309	16.0330591	107.889517	14.5189196	0.00506174	0.00510376

Table DR3 (Continued)

dy17059-sac-1-3-3	106.50631	26.6795433	82.2534552	10.6662997	58.7525954	10.988002	30.3001933	4.42633837	31.7007121	4.62509754	0.01528526	0
dy17059-sac-1-3-4	118.486796	25.835247	87.5036801	10.9898982	55.6118591	10.8755568	27.5926182	3.84677033	25.3878149	4.03391531	0	0
dy17059-sac-1-4-1	166.863963	31.8152238	130.495898	18.0686864	103.652194	20.0019878	57.5030261	8.71809873	63.8896314	9.14488183	0.02113489	0
dy17059-sac-1-4-2	152.068751	29.8044843	113.329485	15.1201558	83.0818086	16.0220361	42.9769861	6.33924465	44.894663	6.20134785	0	0.00244833
dy17059-sac-1-5-2	206.0618	27.1349568	179.681237	28.0699732	167.978918	33.8457436	96.7598316	14.2769397	98.4678842	13.744654	0.00998261	0.00672431
dy17059-sac-1-6-1	175.282054	29.5881694	130.310096	16.6459551	94.9634289	17.9563505	49.1995312	7.56184581	56.7878992	8.21352601	0	0.00169939
dy17059-sac-1-6-2	108.982467	24.4977642	89.1753598	12.1934219	67.6486123	13.4756847	36.5784389	5.85352122	41.0969153	5.70439673	0	0.00174076
dy17059-sac-1-7-1	168.845641	29.5717911	130.164401	18.6414472	104.641533	20.4812541	57.1347671	9.61461361	69.548854	10.4396326	0	0
dy17059-sac-1-7-2	131.85493	38.1982885	90.6451723	11.6696999	63.3310494	11.7882325	31.2991853	4.65489535	32.2245879	4.71698189	0.00506682	0
dy17059-mad-1-1-1	150.454689	29.0928387	138.956727	21.9341307	139.502688	29.6504645	89.9017769	14.1682954	105.236354	16.6411957	0.20827687	0
dy17059-mad-1-1-2	140.323576	29.0526947	123.591741	20.0247964	126.90187	27.2808098	82.7187148	12.9022975	97.7749084	15.7506737	0.01213034	0.00406749
dy17059-mad-1-2-1	159.438949	26.3043156	140.461668	21.6417184	132.250282	27.7620469	79.3636186	12.3002534	87.0555684	13.5025385	0.01516738	0.0033871
dy17059-mad-1-3-1	135.775617	26.4408064	113.928589	18.3467448	115.9565	24.9985796	74.5243161	12.3133743	89.5778023	14.1922185	4.09373499	0.00453031
dy17059-mad-1-3-2	146.532299	28.162876	128.381271	20.6113921	133.966719	29.0458368	86.3086701	13.9440611	103.97281	16.5295996	0.00455773	0.00608784
MAD1-5-1-1	449.85	55.97	265.71	27.74	118.29	19	41.78	4.86	26.2	3.32	0.023	0.0054
MAD1-5-1-2	461.29	60.69	266.19	27.65	119.66	19.15	42.56	4.9	27.77	3.58	0.026	0.0056
MAD1-5-1-3	157.68	21.89	94.23	9.11	38.2	6.46	15.32	1.922	11.77	1.673	0.0239	0.0061
MAD1-5-1-4	279.92	28.91	178.8	17.58	74.54	12.38	27.48	3.16	18.75	2.636	0.042	0.0063
MAD1-5-1-5	192.76	28.45	123.75	11.43	47.6	8.04	18.51	2.206	14.05	2.231	0.0371	0.0044
MAD1-5-1-6	198.29	28.14	127.03	12.05	50.65	8.62	19.47	2.244	13.98	2.231	0.028	0.0063
MAD1-5-1-7	249.74	32.39	147.78	14.63	61.77	10.09	22.42	2.622	14.7	1.95	0.034	0.0052
MAD1-5-1-8	150.99	20.75	89.63	8.4	35.61	6	13.68	1.623	9.7	1.419	0.049	0.0049
MAD1-5-1-9	283.36	30.77	172.35	16.84	71.92	11.67	26.13	2.84	17.07	2.317	0.0219	0.0042
MAD1-5-1-10	133.77	13.17	84.12	7.97	34.19	5.54	12.13	1.307	7.41	1.031	0.018	0.0048
MAD1-5-1-11	217.02	45.22	121.44	11.51	50.07	8.32	19.99	2.444	15.24	2.173	0.0193	0.0072
MAD1-5-1-12	98.09	19	59.21	5.43	23.13	3.94	9.83	1.267	7.72	1.209	0.0158	0.0032
MAD1-5-1-13	355.8	43.58	209.53	20.92	89.06	14.38	33.04	3.74	21.46	2.85	0.0195	0.0028
MAD1-5-1-14	359.07	41.6	211.45	21.38	92.39	15.17	34.01	3.91	22.65	2.93	0.0352	0.0056
MAD1-5-1-15	224.01	30.34	131.59	13.7	60.65	9.93	23.06	2.729	15.81	2.128	0.031	0.0032
MAD1-5-1-16	292.95	38.48	172.63	17.62	75.88	12.49	27.37	3.12	18.59	2.501	0.0198	0.0077
MAD1-5-1-17	267.48	29.9	165.44	16.23	67.65	11.22	25.08	2.88	16.38	2.327	0.022	0.0045
MAD1-5-1-18	152.24	20.06	96.89	9.16	38.45	6.6	15.42	1.788	11.09	1.616	0.0253	0.0079

Table DR3 (Continued)

ZN114-1	97.83	9.91	91.66	9.3	59.58	11.46	36.66	4.85	37.57	6.04	0.019	0.01
ZN114-2	103.57	10.67	89.25	9.11	58.2	10.87	35.93	4.66	37.18	5.75	0.0111	0.0031
ZN114-3	325.08	30.6	288.78	32.11	214.77	40.7	138.09	18.66	147.6	22.7	0.049	0.0173
ZN114-4	109.54	11.07	92.48	8.59	52.63	9.87	33.06	4.54	38.71	6.31	0.0144	0.0029
ZN114-5	178.41	14.38	154.37	14.99	94.8	17.65	58.87	7.9	63.81	9.76	0.0289	0.0085
ZN806337-1	157.46	10.5	106.13	10.83	54.24	10.09	26.61	3.59	21.99	3.59	0.057	0.0158
ZN806337-2	75.45	11.12	51.55	5.37	26.99	4.86	13.45	1.664	10.74	1.704	0.057	0.0156
ZN806337-3	179.46	24.59	150.07	21.4	132.06	25.41	72.67	10.09	66.7	9.36	0.075	0.0226
ZN806337-4	176.64	39.35	130.48	16.76	94.14	16.91	46.54	6.77	44.53	6.39	0.07	0.0205
ZN806337-5	164.53	22.45	97.57	9.89	47.76	8.16	21.36	2.646	15.95	2.132	0.041	0.0111
ZN806337-6	236.36	36.09	215.51	34.13	210.93	41.11	119.81	17.56	110.75	15.86	0.046	0.0495
ZN806337-7	82.61	13.91	57.88	6.04	30.83	5.54	16.15	2.144	13.58	2.336	0.05	0.0204
ZN806337-8	190.75	18.8	129.73	13.78	71.27	12.51	31.8	4	23.24	3.53	0.056	0.0201
ZN806337-9	96.54	16.42	69.16	6.75	33.87	6.48	17.9	2.421	17.07	3.17	0.044	0.0182
ZN806337-10	92.54	12.34	57.25	5.4	26.65	4.47	11.54	1.438	8.35	1.166	0.052	0.0204
ZN806337-11	173	32.51	118.11	12.76	64.21	11.34	28.76	3.55	20.75	3.01	0.058	0.0092
ZN806337-12	150.19	11.05	101.42	10.62	52.3	9.63	25.68	3.35	21.8	3.43	0.043	0.0178
ZN806337-13	173.82	39.92	118.47	14.47	77.05	13.83	37.87	5.17	31.66	4.26	0.036	0.0131
ZN806337-14	99.37	12.41	66.16	6.51	31.44	5.83	15.08	1.98	11.87	2.055	0.037	0.0223
ZN806337-15	198.76	23.49	181.41	29.39	186.13	37.7	112.18	16.5	110.32	15.44	0.067	0.0199
JM16-15-1	96.29	14.86	68.26	5.68	26.92	4.91	13.26	1.679	10.93	1.758	0.031	0.0084
JM16-15-2	103.08	14.77	74.01	6.21	28.52	5.21	13.44	1.647	10.6	1.798	0.024	0.0066
JM16-15-3	65.77	11.16	48.87	4.13	20.33	3.8	10.48	1.409	9.32	1.617	0.025	0.0063
JM16-15-4	101.31	14.5	72.63	6.21	30.26	5.64	14.88	1.824	11.8	1.953	0.0154	0.0054
JM16-15-5	104.73	15.64	73.59	6.21	28.99	5.35	14.21	1.758	11.07	1.897	0.0125	0.0043
JM157-1-2	89.03	12.73	60.75	5.36	25.75	4.78	12.62	1.592	10.12	1.717	0.022	0.0057
JM157-2-2	89.78	13.98	60.81	5.23	25.12	4.62	12.07	1.513	10.02	1.663	0.0162	0.0031
JM157-3-1	85.27	13.6	58.46	5.14	23.86	4.54	12.07	1.522	10.3	1.773	0.0171	0.005
JM157-3-2	123.49	18.36	84.64	7.65	36.6	6.69	17.96	2.348	14.63	2.497	0.0183	0.0062
JM157-4-1	102.87	15.69	69.22	6.13	28.67	5.22	13.53	1.731	11.21	1.801	0.0085	0.004
JM157-4-2	103.35	15.95	68.46	6.09	29.03	5.37	13.76	1.706	11.4	1.795	0.0197	0.0059
JM157-5-1	95.25	14.73	66.85	6.02	29.67	5.43	14.11	1.85	11.35	1.959	0.0167	0.0075

Table DR3 (Continued)

JM157-5-2	104.32	14.01	78.76	7.65	37.82	6.84	16.55	1.86	11.03	1.77	0.0214	0.0054
JM157-6-1	98.39	15.21	66.84	5.76	27.72	5.1	13.37	1.713	11.08	1.795	0.0123	0.0044
JM157-6-2	87.64	13.09	60.58	5.42	25.7	4.86	13.04	1.587	10.77	1.782	0.0149	0.0069
JM157-7-1	89.01	14.15	60.64	5.22	25.08	4.6	12.13	1.543	10.29	1.672	0.0146	0.0059
JM157-7-2	85.63	13.79	57.79	5.17	24.75	4.49	11.8	1.553	10.01	1.634	0.0222	0.0081
JM157-8-1	95.28	14.38	65.17	5.87	29.04	5.71	16.48	2.34	17.6	3.19	181.78	0.0179
JM157-8-2	103.17	14.48	68.11	6.17	29.9	5.57	14.97	1.887	12.17	2.015	0.0125	0.005
JM1210-1-1	135.09	18.37	97.4	11.5	66.55	13.43	40.36	6.43	47.96	7.6	0.0189	0.0055
JM1210-1-2	126.89	18.67	87.08	9.84	53.68	10.37	30	4.51	33.53	5.26	0.021	0.0037
JM1210-2-1	117.93	15.89	79.57	7.91	39.94	7.74	21.31	2.9	19.82	3.3	0.0182	0.0053
JM1210-2-2	86.44	12.19	60.08	6.06	31.58	6.25	17.64	2.634	19.03	3.18	0.028	0.005
JM1210-3-1	151.09	22.06	98.37	10.33	55.05	10.51	29.58	4.36	31.37	4.88	0.0164	0.0071
JM1210-3-2	134.18	19.32	89.03	9.36	49.71	9.5	26.83	4.1	29.08	4.64	0.0122	0.0049
JM1210-5-1	126.06	17.24	82.77	8.18	42.77	8.19	22.69	3.21	22.73	3.57	0.0276	0.0052
JM1210-5-2	118.8	16.65	79.78	8.69	46.66	8.87	25.2	3.62	26.8	4.27	0.0178	0.006
JM1210-6-1	146.52	22.67	102.26	11.78	67.43	13.12	38.73	5.85	45.13	7.18	0.0178	0.006
JM1210-6-2	136.02	22.37	98.9	12.28	70.36	14	40.8	6.38	47.33	7.53	0.0203	0.0069
JM1210-8-1	154.95	19.25	107.58	12.06	67.19	12.65	34.83	5.06	35.41	5.43	0.0211	0.008
JM1210-8-2	109.79	13.82	73.41	7.4	38	7.22	19.52	2.67	18.46	2.9	0.0146	0.0049
JM1210-9-1	117.48	15.05	78.02	8.01	42.25	8.12	22.9	3.29	23.5	3.81	0.0141	0.005
JM1210-9-2	113.03	16.12	75.48	8.15	44.25	8.38	23.16	3.53	25.19	3.98	0.0266	0.0088
JM1211-1-1	138.03	20.2	86.99	10.01	50.53	9.88	27.65	4.24	32.99	5.01	59.94	0.0051
JM1211-3-1	158.82	21.2	103.51	13.17	69.43	13.42	37.22	5.71	42.03	6.19	0.0192	0.007
JM1211-3-2	127.14	17.72	83	9.63	49.44	9.34	25.33	3.67	27.02	3.98	0.0216	0.0039
JM1211-4-1	133.57	19.63	92.03	12.41	69.73	13.87	41.02	6.53	51.32	7.75	0.0218	0.0054
JM1211-5-1	139.67	17.66	97.46	12.34	64.87	12.72	34.72	5.13	36.34	5.6	0.0112	0.0055
JM1211-5-2	104.06	13.83	71.18	8.42	42.7	8.53	22.97	3.32	23.72	3.7	0.0194	0.0039
JM1211-6-1	112.74	17.83	71.57	7.63	37.23	7.18	19.87	2.799	21.14	3.36	0.0191	0.0027
JM1211-6-2	107.17	19.16	70.32	8.33	43.42	8.51	24.44	3.7	28.35	4.43	0.0229	0.0056
JM1211-7-1	153.89	20.71	98.32	11.54	58.31	11.08	30.27	4.53	34.38	5.16	0.027	0.0062
JM1211-7-2	135.47	17.56	86.37	9.67	47.79	9.2	24.86	3.67	27.19	4.04	0.0218	0.0062
JM1211-8-1	177.64	24.54	127.14	15.95	81.64	15.11	39.29	5.66	39.19	5.69	0.0242	0.0049

Table DR3 (Continued)

JM1211-8-2	183.88	26.08	128.5	15.58	76.16	13.95	35.71	4.86	33.16	4.76	0.0264	0.0063
JM1211-9-2	123.37	19.24	75.26	8.2	40.28	7.72	20.53	2.89	21.21	3.23	0.0137	0.0055
JM1420-1-1	63.94	11.03	42.26	4.12	19.08	3.62	9.84	1.31	9.14	1.498	0.0212	0.0066
JM1420-1-2	97.53	15.83	61.92	5.83	26.45	4.77	12.55	1.546	10.35	1.615	0.028	0.0028
JM1420-2-1	50.84	9.48	33.14	3.15	14.76	2.779	7.05	0.931	6.39	1.015	0.0179	0.0034
JM1420-2-2	82.56	13.66	52.73	5.21	23.23	4.25	11.32	1.512	10.06	1.653	0.0229	0.0046
JM1420-3-1	82.38	12.96	53.81	5.24	23.84	4.39	11.72	1.511	10.57	1.646	0.0192	0.0053
JM1420-3-2	78.76	11.81	49.83	4.88	22.87	4.3	11.66	1.447	9.7	1.571	0.0187	0.0043
JM1420-4-1	84.28	13.87	53.63	5.21	23.79	4.42	11.42	1.537	10.12	1.604	0.013	0.0052
JM1420-4-2	100.61	15.99	63.3	5.95	26.59	4.73	12.4	1.58	10.62	1.619	0.0185	0.0071
JM1420-5-1	68.42	11.78	44.94	4.33	20.35	3.73	9.66	1.223	8.79	1.362	0.0157	0.0063
JM1420-5-2	86.03	14.27	54.62	5.31	23.76	4.49	11.51	1.537	10.58	1.648	0.022	0.0037
JM1420-6-1	73.93	13.47	49.38	5.11	24	4.44	11.38	1.438	9.82	1.463	0.0109	0.0047
JM1420-6-2	92.34	15.55	58.57	5.77	26.54	4.79	12.26	1.588	10.96	1.718	0.0132	0.0059
JM1420-7-1	75.32	13.12	47.71	4.51	20.89	3.99	10.5	1.42	9.75	1.648	0.0221	0.0038
JM1420-7-2	61.2	10.2	38.98	3.64	16.8	3.15	8.21	1.094	7.11	1.188	0.0133	0.006
JM1420-8-1	74.29	13.15	47.89	4.57	21.1	4.08	10.73	1.413	9.96	1.591	0.0132	0.0037
JM1420-8-2	81.02	13.42	52.03	5.1	23.42	4.31	11.09	1.418	9.66	1.561	0.0162	0.0046
JM1420-9-1	63.4	11.42	41.29	4.06	19.72	3.85	10.19	1.4	9.54	1.579	0.0161	0.0052
JM1420-9-2	84.72	13.72	52.82	4.88	22.33	4.1	10.35	1.431	9.26	1.477	0.0122	0.0063
QL-1	91	14.68	64.06	5.24	25.71	4.7	12.85	1.623	10.74	1.746	0.0199	0.0047
QL-2	98.38	15.19	66.93	5.68	27.21	5.04	13.09	1.635	10.49	1.788	0.035	0.0047
QL-3	71.04	11.94	51.97	4.42	21.86	4.25	11.05	1.481	10.03	1.713	0.024	0.0035
QL-4	84.99	12.31	59.54	5.17	24.63	4.49	12.07	1.498	10.05	1.561	0.014	0.0066
QL-5	94.44	14.1	66.06	5.61	26.51	5.02	13.26	1.651	10.36	1.696	0.0192	0.0091
QL-6	71.56	11.76	48.93	4.39	21.48	4.05	10.7	1.322	8.65	1.463	0.0165	0.0097
QL-7	83.43	13.03	57.75	5.17	24.52	4.46	11.93	1.482	9.81	1.659	0.025	0.0084
QL-8	97.13	14.95	65.9	5.6	26.19	4.84	12.81	1.629	9.94	1.634	0.0256	0.0065
QL-9	99.02	15.06	67.5	5.73	27.97	5.05	13.55	1.707	10.64	1.844	0.042	0.0094
QL-10	83.19	12.16	58.15	5.07	24.71	4.52	11.99	1.49	9.45	1.517	0.037	0.0066
QL-11	100.17	15.18	66.77	5.79	27.8	5.01	13.11	1.658	10.81	1.753	0.0252	0.0049
QL-12	91.85	13.07	61.39	5.35	25.33	4.62	12.03	1.603	9.76	1.649	0.0182	0.0093

Table DR3 (Continued)

QL-13	72.58	11.12	49.87	4.26	20.84	3.86	10.17	1.257	8.35	1.302	0.0214	0.0067
QL-14	103.68	15.75	69.72	6.04	28.19	5.22	13.52	1.708	10.86	1.775	0.031	0.0038
QL-15	98.77	15.19	66	5.67	27.28	4.97	12.8	1.59	10.52	1.712	0.021	0.007
QL-16	98.3	14.66	66.96	5.95	28.38	5.21	14.05	1.782	11.5	1.89	0.0209	0.0049
QL-17	105.07	15.45	69.97	5.98	29.43	5.33	13.97	1.728	11.2	1.787	0.0208	0.0051
QL-18	93.24	13.86	62.49	5.52	25.96	4.89	12.65	1.554	10.9	1.82	0.0209	0.0063
QL-19	85.48	12.95	59.37	5.16	25.89	4.81	12.71	1.586	10.15	1.643	0.029	0.0069
QL-20	93	14.31	61.7	5.54	25.85	4.79	12.32	1.53	10.69	1.661	0.021	0.0071
QL55W9-1	186.78	20.65	112.26	11.24	54.4	9.29	22.32	2.779	15.33	2.276	0.03	0.0101
QL55W9-2	160.48	16.98	96.88	9.51	45.06	8	19.3	2.291	13.58	1.835	0.0235	0.0127
QL55W10-1	176.77	16.66	107.78	11.01	53.55	9.23	22.75	2.752	14.94	2.125	0.037	0.0077
QL55W10-2	182.79	17.59	111.62	11.65	55.83	9.76	23.35	2.76	15.18	2.182	0.125	0.0057
QL55W11-1	67.85	8.95	49.5	4.57	22.54	4.32	10.63	1.381	8.57	1.458	0.0145	0.0058
QL55W11-2	63.97	9.31	47.51	4.4	22.92	4.3	11.24	1.319	8.81	1.548	0.0237	0.006
QL55W12-1	60.27	7.68	42.49	3.87	19.3	3.51	8.95	1.091	6.99	1.24	0.0165	0.0125
QL55W12-2	58.55	7.84	42.15	3.88	19.67	3.7	9.13	1.105	6.9	1.251	0.0145	0.0079
QL55W13-1	59.27	7.54	44.91	4.3	21.43	4.05	10.24	1.23	7.44	1.347	0.0266	0.0099
QL55W13-2	45.44	6.44	34.76	3.29	16.77	3.12	8.16	0.997	6.42	1.129	0.0165	0.0056
QL55W14-1	150.47	16.66	98.51	10.17	51.09	9.33	23.07	2.91	18.35	2.74	0.042	0.0094
QL55W14-2	171.37	17.72	111.6	11.53	56.95	10.11	25.59	3.29	19.71	2.91	0.0239	0.0078
QL55W16-1	161.25	18.14	105.85	10.57	52	9.1	22.77	2.654	16.61	2.355	0.028	0.0097
QL55W16-2	160.82	17.41	102.85	10.07	50.47	8.95	21.68	2.666	16.38	2.408	0.0309	0.0109
QL55W17-1	112.15	14.48	77.88	7.68	38.86	7.17	18.01	2.283	13.91	2.214	0.0228	0.0073
QL55W17-2	106.48	12.39	71.5	6.94	34.07	6.11	15.27	1.824	11.61	1.769	0.0161	0.0055
QL55W18-1	95.32	10.81	66.85	6.64	32.57	6.02	15.07	1.827	12.05	1.821	0.033	0.0096
QL55W18-2	89.57	10.42	64.31	6.31	31.48	5.83	14.54	1.754	11.22	1.877	0.0162	0.0078
QL55W1-1	111.93	11.75	78.28	7.6	37.17	6.55	15.83	1.935	10.67	1.648	0.0227	0.0082
QL55W1-2	125.23	13.64	85.66	8.42	40.85	7.36	17.81	2.175	12.46	1.933	0.0168	0.0081
QL55W2-1	147.51	12.34	101.81	10.51	52.15	9.43	22.67	2.686	15.48	2.282	0.0267	0.0112
QL55W2-2	140.69	11.24	95.67	9.97	49.82	8.69	20.75	2.518	14.53	2.106	0.016	0.0069
QL55W3-1	133.27	11.21	87.55	8.63	42.07	7.32	18.34	2.15	12.99	1.88	0.029	0.0133
QL55W3-2	116.08	9.67	79.6	7.67	36.55	6.65	16.41	1.99	11.19	1.713	0.027	0.005

Table DR3 (Continued)

QL55W4-1	170.42	15.99	107.87	10.94	53.45	9.45	22.22	2.785	15.91	2.366	0.0098	0.008
QL55W4-2	177.37	16.96	114.79	11.45	57.87	10.1	24.91	2.92	17.88	2.556	0.0167	0.0081
QL55W5-1	105.22	9.71	73.18	6.75	34.32	6.08	14.96	1.838	10.77	1.651	0.0231	0.0049
QL55W5-2	86.12	7.33	58.68	5.65	27.59	4.98	12.37	1.41	8.53	1.307	0.029	0.0098
QL55W6-1	116.59	10.42	80.6	7.66	37.41	6.63	16.3	1.959	11.1	1.714	0.031	0.0073
QL55W6-2	122.54	7.98	86.67	8.39	41.24	7.4	17.42	2.078	11.92	1.867	0.033	0.0074
QL55W7-1	167.96	16.91	104.1	10.16	49.67	8.63	20.5	2.539	15.26	2.179	0.0158	0.0056
QL55W7-2	138.15	12.42	85.45	8.3	39.82	6.81	17.23	1.983	12.28	1.777	0.0239	0.0136
QL55W8-1	74.89	9.3	53.48	4.76	22.73	4.08	10.1	1.125	7.6	1.276	0.016	0.0055
QL55W8-2	67.45	8.79	48.93	4.43	20.93	3.68	9.47	1.178	6.72	1.212	0.0144	0.0057
CMD32-1-2	62.48	15.19	52.37	4.19	21.18	3.85	10.78	1.333	9.37	1.632	0.0121	0.0025
CMD32-2-1	84.09	8.37	67.97	5.35	25.57	4.52	11.67	1.292	8.83	1.388	0.0078	0.0029
CMD32-2-2	83.6	8.41	68.52	5.29	25.66	4.4	11.35	1.336	8.74	1.451	0.0089	0.0031
CMD32-3	123.99	8.46	95.09	7.93	37.89	6.26	15.31	1.564	9.31	1.352	0.0088	0.0033
CMD32-4-1	102.82	9.17	78.91	6.13	28.48	4.59	11.42	1.216	7.15	1.078	0.0064	0.0024
CMD32-4-2	123.48	9.83	95.7	7.54	35.53	5.88	14.64	1.536	9.43	1.288	0.076	0.0328
CMD32-5-1	97.29	10.3	76.38	5.78	26.92	4.57	11.73	1.305	7.86	1.296	0.014	0.0026
CMD32-6-1	119.57	10.69	92.87	7.5	36.25	6.05	15.34	1.703	10.31	1.592	0.0091	0.0019
CMD32-6-2	97.04	9.81	77.17	5.99	29.52	4.97	13.21	1.448	9.5	1.469	0.0056	0.00175
CMD32-7-1	115.56	8.6	90.3	7.25	34.39	5.58	13.59	1.385	8	1.211	0.0124	0.0024
CMD32-7-2	104.88	7.88	81.9	6.64	30.79	5.03	12.15	1.223	6.76	1.004	0.0106	0.0028
CMD32-8-2	118.62	16.62	94.54	8.4	41.96	7.48	20.29	2.299	15.56	2.507	0.0089	0.003
CMD32-9-1	24.52	5.62	20.92	1.512	7.28	1.362	3.81	0.476	3.14	0.59	0.0078	0.0022
CMD32-9-2	50.19	7.43	42.04	3.18	16.01	2.829	7.9	0.98	6.32	1.106	0.009	0.0036
CMD32-10-1	28.02	7.4	25.54	1.81	9.05	1.717	5.15	0.627	4.52	0.897	0.0091	0.0033
CMD32-10-2	25.75	7.17	23.5	1.751	8.79	1.694	4.88	0.616	4.24	0.82	0.008	0.0168
CMD32-11-1	109.18	10.42	82.88	6.52	31.42	5.27	13.83	1.564	9.94	1.553	0.0096	0.00225
CMD32-11-2	105.33	10.35	81.57	6.46	31.6	5.4	14.04	1.562	10.57	1.57	0.0294	0.0029
BY1586-5-1	110.56	18.69	76.92	7.35	36.24	6.82	16.89	2.128	12.35	1.82	0.0263	0.0055
BY1586-5-2	89.81	14.05	63.34	6.04	30.27	5.54	13.72	1.651	9.66	1.463	0.0223	0.0039
BY1586-5-3	136.71	22.28	91.79	9.17	45.67	8.23	21.1	2.459	15.16	2.283	0.0186	0.0092
BY1586-5-4	132.86	21.89	91.77	9.01	45.12	8.44	21.8	2.63	15.68	2.364	0.034	0.0128

Table DR3 (Continued)

BY1586-5-5	117.31	16.98	86.59	9.47	47.72	8.76	22.04	2.66	15.14	2.084	0.032	0.0052
BY1586-5-6	102.14	14.14	78.73	8.28	42.8	8.06	20.83	2.51	14.47	2.068	0.0221	0.0105
BY1586-5-7	123.22	20.53	84.56	8.03	40.9	7.57	19.27	2.311	13.67	2.127	0.041	0.009
BY1586-5-8	65.25	10.07	42.59	4.39	20.32	3.81	9.73	1.062	6.46	0.956	0.022	0.0098
BY1586-5-9	110.06	18.07	76.78	7.41	37.41	6.94	17.39	2.05	12.68	1.857	0.022	0.0071
BY1586-5-10	129.71	20.9	89.68	8.78	43.55	8.28	20.44	2.49	14.9	2.178	0.0136	0.0073
MCQ15-2-3-1	151.41	19.9	108.7	11.12	58.24	9.65	24.62	2.97	17.77	2.38	0.0077	0.0017
MCQ15-2-3-2	39.72	4.91	28.12	2.921	15.48	2.73	7.35	1.046	7.09	1.155	44.25	0.0096
MCQ15-2-3-3	124.96	15.82	87.38	8.81	44.84	7.65	19.42	2.45	14.54	2.09	0.295	0.003
MCQ15-2-3-4	156.97	19.99	113.18	11.46	58.45	10	25.21	3.01	18.12	2.55	0.0112	0.0056
MCQ15-2-3-5	114.99	13.56	81.65	8.25	41.3	7.22	17.53	2.107	12	1.743	0.0105	0.0027
MCQ15-2-3-6	142.19	17.68	102.44	10.94	55.99	10.05	25.86	3.45	22.4	3.35	0.0129	0.0034
MCQ15-2-3-7	166.54	24.96	117.56	12.25	60.4	10.62	27.31	3.15	17.11	2.36	0.027	0.0031
MCQ15-2-3-8	120.18	15.46	82.91	8.32	43.46	7.7	20.56	2.64	17.79	2.72	0.01	0.003
MCQ15-2-3-9	170.16	21.12	122.2	13.1	67.75	12.09	31.42	4.09	24.3	3.74	0.024	0.0063
MCQ15-2-3-10	150.23	20.42	104.74	10.5	53.99	9.72	24.39	3.03	18.21	2.68	0.0111	0.003
MCQ15-2-3-11	124.42	15.75	85.3	8.73	44.3	7.84	20.27	2.63	17.07	2.65	0.0058	0.0022
Ya010101	335.16	60.4	220.37	21.01	96.07	16.09	40.95	4.77	28.14	3.85	0.046	0.0153
Ya010102	359.77	65.99	236.35	22.66	103.45	17.12	43.06	5.25	29.78	4	0.055	0.0178
Ya010201	234.78	52.4	144.52	12.64	52.97	8.11	19.18	2.179	13.16	1.798	0.072	0.0086
Ya010202	236.54	51.66	142.55	12.68	54.79	8.72	20.84	2.4	14.99	2.096	0.047	0.0125
Ya010301	291.91	54.99	192.48	18.62	86.79	14.72	37.79	4.71	26.41	3.64	0.089	0.0208
Ya010302	195.86	43.05	120.56	10.72	46.09	7.08	16.09	1.74	9.6	1.287	0.063	0.0139
Ya010401	354.67	60.07	253.02	25.8	118.16	19.5	45.56	5.08	26.94	3.55	0.101	0.0086
Ya010402	301.12	49.31	216.84	22.35	104.5	17.28	41.44	4.56	23.92	3.13	0.049	0.0206
Ya010501	359.94	65.63	233.89	22.09	99.95	16.25	40.37	4.63	26.23	3.58	0.047	0.0142
Ya010502	411.09	72.2	273.23	26.93	121.71	19.67	51.07	5.75	32.7	4.56	0.238	0.0137
Ya030101	373.18	67.09	244.84	23.4	105.38	17.57	42.09	4.82	26.88	3.76	0.05	0.0122
Ya030102	338.64	63.51	223.41	21.59	100.37	16.59	41.15	4.8	26.63	3.62	0.046	0.0162
Ya030201	332.16	59.9	218.14	21.11	97.02	15.97	38.84	4.65	26.35	3.73	0.028	0.0166
Ya030202	329.59	61.57	212.79	19.99	89.58	14.81	36.47	4.32	24.22	3.21	0.043	0.0083
Ya030301	303.6	56.97	197.21	19.19	87.74	14.66	35.99	4.22	24	3.38	0.045	0.016

Table DR3 (Continued)

Ya030302	336.84	64.09	213.85	20.01	91.51	14.91	35.64	4.03	22.54	3.01	0.039	0.0109
Ya030401	294.21	56.6	195.52	18.12	84.89	14.03	35.24	4.15	22.93	3.19	0.043	0.0108
Ya030402	274.25	50.67	178.55	16.85	74.98	12.54	30.75	3.56	20.25	2.92	0.272	0.0165
Ya30101	258.45	64.73	169.58	16.25	71.98	10.5	23.33	2.383	12.53	1.407	0.079	0.0154
Ya30102	288.29	73.04	187.42	17.85	76.48	11.03	23.2	2.32	11.84	1.488	0.111	0.0162
Ya30201	210.33	53.72	145.63	13.65	56.79	8.04	15.83	1.515	7.51	0.92	0.099	0.0189
Ya30202	233.77	59.35	160.11	14.96	62.28	8.6	17.84	1.749	8.32	0.939	0.131	0.0131
Ya30301	209.96	55.49	143.1	13.47	55.73	7.95	16.44	1.703	8.19	1.013	0.084	0.0055
Ya30302	291.9	76.78	194.52	18.45	80.89	12.1	25.09	2.66	13.49	1.695	0.046	0.0141
Ya30401	327.46	80.59	214.57	20.98	90.44	13.15	28.98	2.95	15.77	1.867	0.088	0.0119
Ya30501	533.73	111	336.68	32.44	139.38	21.07	46.51	4.67	24.34	3	0.096	0.0106
Ya30502	277.55	69.87	183.98	17.77	75.79	11.17	23.77	2.426	11.97	1.584	0.086	0.0084
Ya30601	243.65	61.59	163.69	15.6	66.86	9.95	21.13	2.242	11.14	1.336	0.097	0.012
Ya30602	550	118.05	353.53	34.7	153.92	24.05	54.22	5.73	30.22	3.65	0.098	0.0123
Ya30701	576.32	123.48	380.24	38.23	169.59	26.62	61.43	6.95	36.92	4.79	0.098	0.0107
Ya30702	435.34	89.38	276.56	26.98	122.87	19.07	44.66	4.97	27.21	3.47	0.038	0.0095
Ya30801	257.17	67.96	170.11	16.52	72.03	10.65	23.5	2.377	12.77	1.589	0.068	0.0183
Ya30802	424.05	87.98	277.62	27.77	124.05	19.12	44.8	4.78	24.53	3.15	0.094	0.0093
Ya30901	232.2	58.28	153.33	14.88	65.14	9.54	21.34	2.137	10.96	1.353	0.118	0.0106
Ya30902	224.8	57.82	151.74	14.55	61.59	8.97	18.98	1.929	10.08	1.202	0.128	0.0101
Ya301001	253.84	63.62	167.92	16.36	70.56	10.66	23	2.312	12.54	1.502	0.117	0.0088
Ya301002	273.88	77.23	176.5	17.14	75.41	10.97	24.44	2.55	13.01	1.637	0.126	0.0105

Table DR4. The Rb-Sr isotopic composition in apatite

Analysis No.	$^{84}\text{Sr}/^{86}\text{Sr}$ corr	2 $\sigma$	$^{84}\text{Sr}/^{88}\text{Sr}$ corr	2 $\sigma$	$^{87}\text{Sr}/^{86}\text{Sr}$ corr	2 $\sigma$	$^{87}\text{Rb}/^{86}\text{Sr}$ corr	2 $\sigma$
RDY1512-5-2	0.0562	0.0007	0.00671	0.00008	0.70897	0.00015	0.00091	0.00004
RDY1512-5-1	0.0565	0.0005	0.00674	0.00006	0.70924	0.00011	0.00099	0.00007
RDY1512-6	0.0565	0.0005	0.00674	0.00006	0.70925	0.00011	0.00123	0.00006
RDY1512-7	0.0565	0.0005	0.00675	0.00006	0.70907	0.00012	0.00052	0.00007
RDY1512-10	0.0554	0.0008	0.00661	0.00010	0.70873	0.00020	0.00098	0.00004
RDY1512-11	0.0563	0.0005	0.00673	0.00006	0.70911	0.00011	0.00040	0.00003
RDY1515-1-1	0.0559	0.0006	0.00667	0.00007	0.70890	0.00013	0.00082	0.00004
RDY1515-1-2	0.0569	0.0008	0.00680	0.00009	0.70917	0.00017	0.00131	0.00020
RDY1515-4-1	0.0559	0.0006	0.00668	0.00007	0.70962	0.00015	0.00290	0.00030
NMQ76-1-1	0.0580	0.0010	0.00693	0.00012	0.70778	0.00024	0.00025	0.00006
NMQ76-1-2	0.0556	0.0011	0.00664	0.00013	0.70863	0.00024	0.00018	0.00006
NMQ76-1-3	0.0569	0.0010	0.00679	0.00012	0.70825	0.00022	0.00030	0.00005
NMQ76-1-4	0.0559	0.0010	0.00668	0.00012	0.70761	0.00022	0.00043	0.00006
NMQ76-1-5	0.0578	0.0011	0.00690	0.00013	0.70966	0.00023	0.00123	0.00008
NMQ76-1-6	0.0572	0.0012	0.00683	0.00014	0.71008	0.00028	0.00015	0.00005
NMQ76-1-7	0.0579	0.0009	0.00692	0.00011	0.70835	0.00021	0.00016	0.00005
NMQ76-1-8	0.0557	0.0008	0.00665	0.00010	0.70965	0.00020	0.00030	0.00006
NMQ76-1-9	0.0566	0.0010	0.00675	0.00013	0.70895	0.00021	0.00031	0.00004
NMQ76-1-10	0.0560	0.0013	0.00669	0.00016	0.70870	0.00033	0.00040	0.00009
NMQ76-1-11	0.0559	0.0009	0.00667	0.00011	0.70791	0.00019	0.00033	0.00006
NMQ76-1-12	0.0563	0.0010	0.00672	0.00012	0.70931	0.00024	0.00014	0.00005
NMQ76-1-13	0.0575	0.0010	0.00687	0.00012	0.70787	0.00022	0.00024	0.00005
NMQ76-1-14	0.0579	0.0010	0.00691	0.00012	0.70949	0.00023	0.00020	0.00005
NMQ76-1-15	0.0564	0.0008	0.00674	0.00009	0.70970	0.00019	0.00032	0.00005
NMQ76-1-16	0.0576	0.0009	0.00688	0.00011	0.70937	0.00022	0.00034	0.00006
NMQ76-1-17	0.0561	0.0009	0.00670	0.00011	0.70847	0.00021	0.00017	0.00005
NMQ76-1-18	0.0573	0.0010	0.00684	0.00011	0.70814	0.00022	0.00017	0.00005
NMQ76-1-19	0.0569	0.0008	0.00680	0.00010	0.70990	0.00019	0.00025	0.00005
NMQ76-1-20	0.0553	0.0010	0.00660	0.00011	0.70861	0.00023	0.00033	0.00006
ZD1534-1-1	0.0567	0.0003	0.00677	0.00004	0.71171	0.00009	0.00073	0.00002

Table DR4 (Continued)

ZD1534-1-2	0.0570	0.0003	0.00680	0.00004	0.71187	0.00008	0.00084	0.00002
ZD1534-2-1	0.0569	0.0003	0.00679	0.00004	0.71171	0.00008	0.00062	0.00002
ZD1534-2-2	0.0565	0.0002	0.00675	0.00003	0.71192	0.00006	0.00057	0.00001
ZD1534-3-1	0.0561	0.0003	0.00670	0.00003	0.71175	0.00009	0.00069	0.00009
ZD1534-3-2	0.0568	0.0004	0.00679	0.00004	0.71166	0.00010	0.00049	0.00002
ZD1534-4-1	0.0565	0.0002	0.00674	0.00003	0.71175	0.00006	0.00052	0.00001
ZD1534-4-2	0.0562	0.0003	0.00671	0.00004	0.71201	0.00008	0.00122	0.00002
ZD1534-5-1	0.0562	0.0004	0.00671	0.00005	0.71179	0.00011	0.00067	0.00002
ZD1534-5-2	0.0564	0.0003	0.00673	0.00003	0.71168	0.00007	0.00064	0.00001
CB31-1-1	0.0568	0.0021	0.00678	0.00025	0.70691	0.00037	0.00257	0.00021
CB31-1-2	0.0570	0.0010	0.00680	0.00012	0.70715	0.00022	0.00144	0.00005
CB31-2-1	0.0543	0.0012	0.00648	0.00015	0.70675	0.00026	0.00254	0.00006
CB31-2-2	0.0567	0.0012	0.00677	0.00015	0.70670	0.00026	0.00249	0.00007
CB31-3-1	0.0542	0.0010	0.00648	0.00012	0.70684	0.00020	0.00260	0.00005
CB31-3-2	0.0551	0.0011	0.00657	0.00013	0.70759	0.00024	0.00289	0.00007
CB31-4-1	0.0573	0.0012	0.00684	0.00014	0.70759	0.00028	0.00237	0.00016
SG3-1-1	0.0568	0.0004	0.00679	0.00004	0.70797	0.00009	0.00141	0.00002
SG3-1-2	0.0564	0.0002	0.00673	0.00002	0.70690	0.00005	0.00011	0.00001
SG3-2-1	0.0567	0.0002	0.00677	0.00002	0.70710	0.00006	0.00087	0.00010
SG3-3-1	0.0569	0.0003	0.00679	0.00004	0.70677	0.00008	0.00046	0.00008
SG3-3-2	0.0568	0.0003	0.00678	0.00004	0.70941	0.00010	0.00558	0.00019
SG3-4-1	0.0563	0.0001	0.00672	0.00002	0.70661	0.00005	0.00046	0.00002
SG3-4-2	0.0564	0.0002	0.00673	0.00003	0.70747	0.00007	0.00028	0.00001
SG3-6-1	0.0565	0.0002	0.00674	0.00002	0.70787	0.00006	0.00069	0.00002
SG3-6-2	0.0565	0.0001	0.00675	0.00001	0.70763	0.00004	0.00024	0.00001
sg101002	0.0570	0.0006	0.00681	0.00008	0.70726	0.00017	0.00018	0.00004
sg20101	0.0567	0.0004	0.00677	0.00005	0.70638	0.00010	0.00030	0.00002
sg20102	0.0573	0.0010	0.00684	0.00012	0.71084	0.00025	0.00907	0.00039
sg20201	0.0568	0.0003	0.00678	0.00003	0.70827	0.00008	0.00031	0.00002
sg20202	0.0566	0.0003	0.00676	0.00004	0.70577	0.00008	0.00012	0.00002
sg20301	0.0567	0.0004	0.00677	0.00005	0.70657	0.00009	0.00019	0.00002
sg20302	0.0563	0.0008	0.00673	0.00010	0.70708	0.00018	0.00051	0.00005

Table DR4 (Continued)

sg20401	0.0560	0.0005	0.00668	0.00006	0.70628	0.00012	0.00020	0.00003
sg20402	0.0566	0.0009	0.00675	0.00011	0.70818	0.00017	0.00206	0.00008
sg20501	0.0574	0.0004	0.00686	0.00005	0.70772	0.00011	0.00046	0.00002
sg20502	0.0568	0.0006	0.00678	0.00007	0.70723	0.00014	0.00011	0.00003
sg20601	0.0562	0.0004	0.00672	0.00005	0.70715	0.00011	0.00035	0.00002
sg20602	0.0570	0.0005	0.00680	0.00007	0.70783	0.00012	0.00044	0.00006
sg20701	0.0562	0.0004	0.00671	0.00004	0.70763	0.00011	0.00059	0.00003
sg20702	0.0567	0.0005	0.00677	0.00006	0.70771	0.00012	0.00114	0.00005
dy17059-sus-12-38-11-1-1	0.0561	0.0006	0.00670	0.00007	0.70439	0.00012	0.00083	0.00003
dy17059-sus-12-38-11-1-2	0.0569	0.0010	0.00680	0.00012	0.70515	0.00023	0.00226	0.00038
dy17059-sus-12-38-11-2-1	0.0564	0.0005	0.00674	0.00006	0.70438	0.00012	0.00078	0.00002
dy17059-sus-12-38-11-2-2	0.0566	0.0006	0.00676	0.00008	0.70460	0.00014	0.00087	0.00004
dy17059-sus-12-38-11-3-1	0.0567	0.0003	0.00677	0.00004	0.70465	0.00011	0.00069	0.00004
dy17059-sus-12-38-11-3-2	0.0562	0.0005	0.00671	0.00006	0.70475	0.00015	0.00147	0.00007
dy17059-sus-12-38-11-4-1	0.0561	0.0005	0.00670	0.00006	0.70429	0.00015	0.00103	0.00003
dy17059-sus-12-38-11-4-2	0.0567	0.0006	0.00677	0.00008	0.70433	0.00012	0.00080	0.00005
dy17059-sus-12-38-11-5-1	0.0568	0.0005	0.00679	0.00006	0.70438	0.00011	0.00071	0.00002
dy17059-sus-12-38-11-5-2	0.0568	0.0010	0.00678	0.00012	0.70465	0.00022	0.00112	0.00022
dy17059-sus-12-38-11-6-1	0.0563	0.0005	0.00673	0.00006	0.70436	0.00013	0.00081	0.00003
dy17059-sus-12-38-11-6-2	0.0577	0.0009	0.00688	0.00011	0.70495	0.00021	0.00142	0.00020
dy17059-sac-11-1-1	0.0562	0.0007	0.00671	0.00009	0.70585	0.00024	0.00751	0.00018
dy17059-sac-11-1-2	0.0568	0.0008	0.00678	0.00009	0.70480	0.00016	0.00184	0.00006
dy17059-sac-11-2-1	0.0559	0.0008	0.00667	0.00010	0.70554	0.00022	0.00677	0.00005
dy17059-sac-11-2-2	0.0555	0.0007	0.00662	0.00008	0.70591	0.00021	0.00414	0.00006
dy17059-sac-11-3-1	0.0559	0.0008	0.00667	0.00009	0.70536	0.00021	0.00330	0.00005
dy17059-sac-11-3-2	0.0554	0.0010	0.00661	0.00011	0.70489	0.00021	0.00276	0.00010
dy17059-sac-11-3-3	0.0565	0.0008	0.00674	0.00010	0.70564	0.00018	0.00478	0.00008
dy17059-sac-11-3-4	0.0559	0.0009	0.00667	0.00011	0.70575	0.00023	0.00489	0.00007
dy17059-sac-11-4-1	0.0567	0.0008	0.00677	0.00009	0.70541	0.00022	0.00259	0.00005

Table DR4 (Continued)

dy17059-sac-11-4-2	0.0564	0.0008	0.00674	0.00010	0.70477	0.00017	0.00158	0.00012
MAD1-5-1-1	0.0566	0.0005	0.00676	0.00006	0.70423	0.00014	0.00061	0.00002
MAD1-5-1-2	0.0560	0.0005	0.00669	0.00006	0.70430	0.00012	0.00067	0.00003
MAD1-5-1-3	0.0556	0.0005	0.00664	0.00006	0.70433	0.00010	0.00052	0.00002
MAD1-5-1-4	0.0562	0.0005	0.00672	0.00006	0.70440	0.00013	0.00124	0.00014
MAD1-5-1-5	0.0567	0.0007	0.00678	0.00008	0.70446	0.00014	0.00109	0.00011
MAD1-5-1-6	0.0568	0.0005	0.00678	0.00006	0.70431	0.00010	0.00066	0.00003
MAD1-5-1-7	0.0568	0.0005	0.00678	0.00006	0.70441	0.00011	0.00060	0.00003
MAD1-5-1-8	0.0559	0.0005	0.00668	0.00006	0.70411	0.00011	0.00065	0.00003
MAD1-5-1-9	0.0568	0.0004	0.00678	0.00004	0.70437	0.00009	0.00055	0.00002
ZN114-1	0.0557	0.0006	0.00665	0.00007	0.70594	0.00016	0.00264	0.00004
ZN114-2	0.0565	0.0006	0.00675	0.00007	0.70574	0.00017	0.00198	0.00004
ZN114-3	0.0564	0.0007	0.00674	0.00008	0.70606	0.00017	0.00211	0.00005
ZN114-4	0.0554	0.0007	0.00661	0.00008	0.70606	0.00016	0.00327	0.00005
ZN114-5	0.0554	0.0007	0.00662	0.00008	0.70587	0.00014	0.00288	0.00004
ZN806337-1	0.0556	0.0007	0.00664	0.00008	0.70598	0.00014	0.00291	0.00003
ZN806337-2	0.0542	0.0007	0.00647	0.00009	0.70568	0.00018	0.00278	0.00005
ZN806337-3	0.0554	0.0006	0.00662	0.00007	0.70588	0.00013	0.00232	0.00004
ZN806337-4	0.0548	0.0007	0.00655	0.00008	0.70578	0.00015	0.00340	0.00003
ZN806337-5	0.0547	0.0006	0.00653	0.00007	0.70605	0.00013	0.00350	0.00008
ZN806337-6	0.0578	0.0030	0.00690	0.00035	0.70782	0.00059	0.00046	0.00014
ZN806337-7	0.0586	0.0035	0.00700	0.00042	0.70829	0.00068	0.00040	0.00015
ZN806337-8	0.0565	0.0033	0.00675	0.00039	0.70764	0.00060	0.00127	0.00020
ZN806337-9	0.0553	0.0025	0.00660	0.00030	0.70744	0.00048	0.00077	0.00014
ZN806337-10	0.0554	0.0033	0.00661	0.00040	0.70823	0.00056	0.00074	0.00014
ZN806337-11	0.0550	0.0020	0.00656	0.00024	0.70679	0.00038	0.00236	0.00009
JM1211-6-1	0.0576	0.0014	0.00687	0.00017	0.70657	0.00023	0.00181	0.00006
JM1211-6-2	0.0562	0.0015	0.00671	0.00018	0.70658	0.00029	0.00180	0.00007
JM1211-7-1	0.0567	0.0009	0.00678	0.00011	0.70612	0.00021	0.00159	0.00006
JM1211-7-2	0.0561	0.0009	0.00669	0.00011	0.70611	0.00023	0.00149	0.00005
JM1211-8-1	0.0551	0.0016	0.00658	0.00019	0.70721	0.00029	0.00362	0.00008

Table DR4 (Continued)

JM1211-8-2	0.0554	0.0011	0.00661	0.00013	0.70659	0.00024	0.00308	0.00006
JM1211-9-2	0.0548	0.0011	0.00654	0.00013	0.70597	0.00024	0.00141	0.00005
JM1420-1-1	0.0569	0.0013	0.00679	0.00015	0.70620	0.00029	0.00193	0.00008
JM1420-1-2	0.0574	0.0009	0.00685	0.00011	0.70604	0.00023	0.00167	0.00007
JM1420-2-1	0.0564	0.0012	0.00673	0.00015	0.70711	0.00029	0.00297	0.00010
JM1420-2-2	0.0559	0.0011	0.00668	0.00014	0.70632	0.00021	0.00236	0.00006
JM1420-3-1	0.0555	0.0010	0.00662	0.00012	0.70612	0.00024	0.00266	0.00008
JM1420-3-2	0.0580	0.0012	0.00693	0.00015	0.70649	0.00024	0.00214	0.00006
JM1420-4-1	0.0579	0.0013	0.00691	0.00015	0.70862	0.00030	0.00433	0.00011
JM1420-4-2	0.0565	0.0008	0.00674	0.00010	0.70590	0.00020	0.00101	0.00005
JM1420-5-1	0.0551	0.0012	0.00658	0.00015	0.70654	0.00029	0.00235	0.00008
JM1420-5-2	0.0565	0.0012	0.00675	0.00015	0.70820	0.00026	0.00438	0.00006
JM1420-6-1	0.0558	0.0014	0.00666	0.00017	0.70706	0.00026	0.00329	0.00008
QL-1	0.0570	0.0005	0.00681	0.00006	0.70492	0.00012	0.00032	0.00002
QL-2	0.0567	0.0005	0.00677	0.00006	0.70499	0.00013	0.00031	0.00003
QL-3	0.0566	0.0004	0.00676	0.00005	0.70514	0.00011	0.00029	0.00002
QL-4	0.0566	0.0007	0.00675	0.00008	0.70502	0.00017	0.00039	0.00004
QL-5	0.0572	0.0006	0.00683	0.00007	0.70512	0.00012	0.00040	0.00004
QL-6	0.0569	0.0005	0.00679	0.00005	0.70536	0.00011	0.00030	0.00002
QL-7	0.0565	0.0004	0.00675	0.00005	0.70498	0.00012	0.00031	0.00002
QL-8	0.0569	0.0005	0.00679	0.00006	0.70498	0.00013	0.00037	0.00002
QL55W9-1	0.0583	0.0017	0.00696	0.00020	0.70438	0.00033	0.00138	0.00008
QL55W9-2	0.0566	0.0017	0.00676	0.00020	0.70424	0.00033	0.00123	0.00008
QL55W10-1	0.0567	0.0012	0.00677	0.00014	0.70395	0.00030	0.00105	0.00008
QL55W10-2	0.0579	0.0012	0.00692	0.00014	0.70464	0.00024	0.00187	0.00007
QL55W11-1	0.0583	0.0013	0.00696	0.00015	0.70460	0.00026	0.00111	0.00008
QL55W11-2	0.0591	0.0012	0.00706	0.00014	0.70472	0.00029	0.00101	0.00006
QL55W12-1	0.0562	0.0016	0.00671	0.00019	0.70432	0.00034	0.00091	0.00006
QL55W12-2	0.0561	0.0010	0.00670	0.00012	0.70423	0.00019	0.00122	0.00005
QL55W13-1	0.0586	0.0012	0.00699	0.00014	0.70483	0.00025	0.00106	0.00006
QL55W13-2	0.0576	0.0015	0.00687	0.00018	0.70456	0.00026	0.00104	0.00006
QL55W14-1	0.0557	0.0015	0.00664	0.00018	0.70484	0.00030	0.00093	0.00041

Table DR4 (Continued)

QL55W14-2	0.0580	0.0029	0.00692	0.00035	0.70517	0.00062	0.00026	0.00016
QL55W16-1	0.0564	0.0031	0.00673	0.00037	0.70516	0.00057	0.00057	0.00017
QL55W16-2	0.0566	0.0017	0.00676	0.00020	0.70513	0.00041	0.00014	0.00009
QL55W17-1	0.0572	0.0014	0.00683	0.00016	0.70488	0.00032	0.00028	0.00007
QL55W17-2	0.0576	0.0015	0.00688	0.00018	0.70484	0.00031	0.00010	0.00008
QL55W18-1	0.0586	0.0023	0.00700	0.00028	0.70527	0.00051	0.00024	0.00011
QL55W18-2	0.0588	0.0012	0.00666	0.00015	0.70486	0.00024	0.00038	0.00006
QL55W1-1	0.0549	0.0015	0.00655	0.00017	0.70492	0.00032	0.00010	0.00009
QL55W1-2	0.0557	0.0019	0.00665	0.00023	0.70456	0.00041	0.00010	0.00009
QL55W2-1	0.0578	0.0015	0.00690	0.00018	0.70503	0.00030	0.00004	0.00007
QL55W2-2	0.0571	0.0019	0.00682	0.00022	0.70473	0.00039	0.00087	0.00013
QL55W3-1	0.0582	0.0019	0.00695	0.00022	0.70512	0.00037	0.00010	0.00011
QL55W3-2	0.0570	0.0022	0.00681	0.00027	0.70481	0.00044	0.00016	0.00011
QL55W4-1	0.0568	0.0016	0.00679	0.00019	0.70490	0.00032	0.00010	0.00006
QL55W4-2	0.0581	0.0015	0.00693	0.00018	0.70487	0.00031	0.00018	0.00008
QL55W5-1	0.0542	0.0017	0.00647	0.00021	0.70495	0.00036	0.00022	0.00010
QL55W5-2	0.0587	0.0013	0.00701	0.00015	0.70498	0.00028	0.00019	0.00006
QL55W6-1	0.0557	0.0015	0.00665	0.00018	0.70458	0.00034	0.00016	0.00007
CMD32-1-2	0.0568	0.0010	0.00678	0.00012	0.70624	0.00026	0.00092	0.00005
CMD32-2-1	0.0557	0.0010	0.00665	0.00012	0.70574	0.00020	0.00134	0.00007
CMD32-2-2	0.0573	0.0010	0.00684	0.00012	0.70625	0.00023	0.00057	0.00006
CMD32-3	0.0566	0.0008	0.00676	0.00009	0.70597	0.00021	0.00064	0.00005
CMD32-4-1	0.0582	0.0010	0.00695	0.00013	0.70620	0.00020	0.00088	0.00009
MCQ15-2-3-1	0.0557	0.0015	0.00665	0.00018	0.70719	0.00033	0.00145	0.00037
MCQ15-2-3-2	0.0561	0.0027	0.00670	0.00032	0.70686	0.00051	0.00105	0.00012
MCQ15-2-3-3	0.0575	0.0025	0.00686	0.00029	0.70670	0.00046	0.00100	0.00012
MCQ15-2-3-4	0.0563	0.0024	0.00673	0.00029	0.70689	0.00047	0.00133	0.00013
MCQ15-2-3-5	0.0560	0.0032	0.00656	0.00038	0.70709	0.00064	0.00113	0.00015
MCQ15-2-3-6	0.0544	0.0028	0.00650	0.00034	0.70624	0.00052	0.00116	0.00013
MCQ15-2-3-7	0.0551	0.0025	0.00658	0.00029	0.70724	0.00054	0.00113	0.00015
MCQ15-2-3-8	0.0555	0.0030	0.00663	0.00036	0.70662	0.00056	0.00117	0.00017
MCQ15-2-3-9	0.0570	0.0029	0.00681	0.00034	0.70702	0.00057	0.00121	0.00015

Table DR4 (Continued)

MCC15-2-3-10	0.0545	0.0023	0.00651	0.00028	0.70665	0.00045	0.00142	0.00014
MCC15-2-3-11	0.0544	0.0019	0.00649	0.00023	0.70645	0.00037	0.00072	0.00011
Mcq15220202	0.0553	0.0036	0.00660	0.00042	0.70649	0.00068	0.00115	0.00016
Mcq15220301	0.0556	0.0018	0.00664	0.00021	0.70707	0.00045	0.00143	0.00011
Mcq15220302	0.0579	0.0031	0.00691	0.00037	0.70709	0.00056	0.00131	0.00014
Mcq15210101	0.0576	0.0021	0.00688	0.00026	0.70669	0.00040	0.00088	0.00012
Mcq15210102	0.0541	0.0020	0.00646	0.00024	0.70639	0.00046	0.00104	0.00011
Mcq15210201	0.0578	0.0022	0.00690	0.00026	0.70697	0.00044	0.00118	0.00012
Ya010101	0.0562	0.0002	0.00672	0.00003	0.70893	0.00011	0.00154	0.00019
Ya010102	0.0565	0.0002	0.00674	0.00002	0.70856	0.00006	0.00030	0.00002
Ya010201	0.0564	0.0002	0.00674	0.00003	0.70911	0.00009	0.00151	0.00008
Ya010202	0.0567	0.0002	0.00677	0.00003	0.70876	0.00006	0.00033	0.00002
Ya010301	0.0564	0.0002	0.00673	0.00002	0.70880	0.00006	0.00057	0.00001
Ya010302	0.0566	0.0002	0.00676	0.00002	0.70867	0.00007	0.00036	0.00001
Ya010401	0.0563	0.0002	0.00672	0.00002	0.70837	0.00006	0.00028	0.00001
Ya010402	0.0564	0.0002	0.00674	0.00002	0.70886	0.00006	0.00079	0.00003
Ya010501	0.0564	0.0001	0.00674	0.00001	0.70873	0.00005	0.00024	0.00002
Ya010502	0.0567	0.0002	0.00678	0.00003	0.70869	0.00007	0.00029	0.00002

Table DR5. Major elements of standards

Analysis Spot	Macroelement (wt%)											Total
	F	Na <sub>2</sub> O	CaO	P <sub>2</sub> O <sub>5</sub>	SO <sub>3</sub>	SiO <sub>2</sub>	FeO	MnO	Cl	SrO	Ce <sub>2</sub> O <sub>3</sub>	
MQ-Dur-2-8-1	3.4	0.35	54.08	40.52	0.31	0.24	0.05	-0.01	0.44	0.04	0.54	100.14
MQ-Dur-2-8-2	3.38	0.26	54.14	40.29	0.29	0.22	0.02	0	0.43	0.03	0.52	99.68
MQ-Dur-2-8-3	3.36	0.21	54.67	41.05	0.28	0.22	0.03	0.03	0.41	0.05	0.52	100.95
MQ-Dur-2-8-4	3.29	0.21	54.74	40.93	0.29	0.2	0.03	0.01	0.42	0.01	0.54	100.73
MQ-Dur-2-8-5	3.48	0.27	54.64	40.71	0.31	0.21	0.06	0.01	0.42	0.05	0.4	100.68
MQ-Dur-2-8-6	3.26	0.31	54.13	40.92	0.34	0.22	0.06	0	0.43	0.03	0.51	100.38
MQ-Dur-2-8-7	3.47	0.33	54.46	40.94	0.31	0.22	0.04	0	0.44	0.1	0.47	100.96
MQ-Dur-2-8-8	3.23	0.26	54.33	40.79	0.3	0.25	0.03	-0.02	0.43	0.01	0.44	100.24
MQ-Dur-2-8-9	3.26	0.22	54.32	41.17	0.3	0.19	0.03	0	0.41	0.04	0.43	100.44
MQ-Dur-2-8-10	3.28	0.37	54.27	41.22	0.28	0.22	0.02	0.02	0.4	0.07	0.51	100.74
MQ-Dur-2-8-11	3.39	0.28	54.31	41.04	0.3	0.22	0.05	-0.01	0.44	0.09	0.58	100.77
MQ-Dur-2-8-12	3.3	0.34	54.07	40.72	0.32	0.16	0.03	0.01	0.45	0.06	0.47	99.95
MQ-Dur-2-8-13	3.24	0.28	54.05	41.36	0.25	0.23	0.05	-0.01	0.43	0.06	0.45	100.47
MQ-Dur-2-8-14	3.3	0.29	54.31	41.22	0.3	0.21	0.06	-0.01	0.43	0.06	0.42	100.68
MQ-Dur-2-8-15	3.39	0.34	54.48	41.36	0.28	0.21	0.08	0	0.42	0.05	0.49	101.21
MQ-Dur-2-8-16	3.3	0.33	54.8	41.38	0.29	0.19	0.06	0.01	0.44	0.09	0.54	101.55
MQ-Dur-2-8-17	3.28	0.29	54.1	40.97	0.31	0.2	0.06	-0.03	0.45	0.04	0.47	100.19
MQ-Dur-2-8-18	3.39	0.29	54.49	41.27	0.29	0.21	0.04	0.02	0.43	0.08	0.43	101.03
MQ-Dur-2-8-19	3.4	0.26	54.78	40.85	0.29	0.17	0.02	0.01	0.43	0.09	0.46	100.82
MQ-Dur-2-8-20	3.39	0.28	54.72	40.92	0.29	0.22	0.03	0.01	0.41	0.08	0.45	100.87
MQ-Dur-2-8-21	3.1	0.23	54.66	40.9	0.22	0.21	0.03	0.01	0.39	0.02	0.44	100.29
MQ-Dur-2-8-22	3.38	0.27	54.2	40.81	0.3	0.23	0.03	0	0.42	0.01	0.43	100.17
MQ-Dur-2-8-23	3.32	0.24	54.53	41.1	0.29	0.23	0.05	0.01	0.41	0.1	0.56	100.94
MQ-Dur-2-8-24	3.5	0.28	54.84	41.2	0.27	0.19	0.06	-0.01	0.42	0.09	0.42	101.35
MQ-Dur-2-8-25	3.3	0.29	54.78	41.02	0.28	0.17	0	0.01	0.42	0.07	0.35	100.75
MQ-Dur-2-8-26	3.37	0.35	54.11	40.95	0.28	0.18	0.07	0.02	0.43	0.03	0.44	100.37
MQ-Dur-2-8-27	3.32	0.29	54.49	41.1	0.28	0.2	0.03	0	0.43	-0.01	0.48	100.7
MQ-Dur-2-8-28	3.32	0.34	54.5	40.85	0.28	0.18	0.03	0	0.45	0.06	0.45	100.54
MQ-Dur-2-8-29	3.28	0.41	54.53	40.54	0.31	0.23	0.07	0	0.46	0.06	0.35	100.44
MQ-Dur-2-8-30	3.29	0.35	54.43	41.13	0.3	0.2	0.05	0.02	0.44	0.05	0.52	100.87

Table DR5 (Continued)

mq-DUR-1	2.97	0.23	53.6	39.97	0.32	0.5	0.07	0.02	0.43	0.04	0.76	99.04
mq-DUR-2	3.15	0.27	54.2	41.03	0.31	0.53	0.02	-0.01	0.42	0.04	0.74	100.81
mq-DUR-3	3.05	0.28	53.82	40.26	0.3	0.51	0.01	0	0.44	0.07	0.8	99.73
mq-DUR-4	3.01	0.26	53.95	41	0.36	0.57	0.05	0	0.39	0.07	0.7	100.48
mq-DUR-5	3.17	0.28	54.15	40.99	0.32	0.41	0.07	0.02	0.43	0.11	0.58	100.6
mq-DUR-6	3.01	0.27	54.25	40.86	0.34	0.34	0.04	0	0.42	0.07	0.69	100.4
mq-DUR-7	3.03	0.25	54.12	40.66	0.32	0.49	0.02	0.01	0.4	0.01	0.64	100
mq-DUR-8	3.06	0.21	54.25	40.86	0.34	0.44	0.07	-0.03	0.41	0.11	0.58	100.34
mq-DUR-9	3.08	0.25	54.07	40.62	0.34	0.49	0.03	0	0.42	0.05	0.6	100.01
mq-DUR-10	3.14	0.17	54	40.96	0.34	0.43	0.04	-0.02	0.35	0.08	0.79	100.22
mq-DUR-11	3.05	0.29	54.34	40.98	0.34	0.37	0.03	-0.02	0.43	0.03	0.66	100.52
mq-DUR-12	3.03	0.28	54.29	41	0.37	0.34	0.04	-0.01	0.42	-0.01	0.66	100.43
mq-DUR-13	2.96	0.28	54.55	41.18	0.34	0.38	0.04	0	0.41	0.05	0.65	100.92
mq-DUR-14	3.01	0.26	54.44	40.67	0.35	0.43	0.03	0.01	0.41	0.06	0.62	100.34
mq-DUR-15	3	0.28	54.41	40.68	0.31	0.42	0.04	-0.01	0.41	0.03	0.64	100.37
mq-DUR-16	3.11	0.3	54.45	40.94	0.37	0.36	0.03	-0.01	0.41	0.08	0.54	100.69
mq-DUR-17	3.14	0.23	54.21	41.07	0.27	0.33	0.03	0.01	0.4	0.01	0.63	100.32
mq-DUR-18	3.1	0.24	54.55	41.08	0.27	0.33	0.01	0	0.4	0.06	0.62	100.65
mq-DUR-19	3.06	0.26	54.09	40.81	0.28	0.34	0.04	-0.01	0.4	0.09	0.71	100.05
mq-DUR-20	3.11	0.27	54.01	41.05	0.28	0.39	0.05	-0.01	0.4	0.07	0.62	100.22
mq-DUR-21	3.16	0.27	54.34	40.85	0.3	0.33	0.06	-0.01	0.4	0.02	0.58	100.29
mq-DUR-22	3.17	0.22	54.44	41.34	0.29	0.4	0.03	0	0.41	0.07	0.65	101.09
mq-DUR-24	2.94	0.23	54.2	41.02	0.27	0.39	0.05	0	0.4	0.04	0.64	100.25
mq-DUR-25	3.02	0.29	54	40.73	0.26	0.41	0.04	0.01	0.39	0.13	0.62	100.02
mq-dur-1	3.28	0.26	54.76	40.76	0.29	0.21	0.03	-0.01	0.42	0.1	0.45	100.65
mq-dur-2	3.34	0.36	53.68	40.75	0.36	0.22	0.02	0.03	0.46	0.08	0.45	99.93
mq-dur-3	3.32	0.34	54.24	40.77	0.3	0.2	0.02	0	0.43	0.02	0.36	100.08
MQ-MT-2-8-1	1.68	0.29	53.94	41.23	0	-0.08	0.12	0.02	0.08	0.38	0.37	98.03
MQ-MT-2-8-2	1.74	0.32	53.59	41.12	0	-0.07	0.12	0.04	0.07	0.52	0.32	97.75
MQ-MT-2-8-3	1.69	0.38	53.13	40.87	0	-0.08	0.1	0.04	0.08	0.48	0.37	97.04
MQ-MT-2-8-4	1.74	0.32	53.62	40.95	0.02	-0.08	0.12	0	0.07	0.43	0.39	97.56
MQ-MT-2-8-5	1.65	0.42	53.71	41.03	0.02	-0.06	0.12	0.04	0.09	0.44	0.27	97.69

Table DR5 (Continued)

MQ-MT-2-8-6	1.66	0.39	53.95	41.25	0.02	-0.11	0.13	0.03	0.07	0.46	0.36	98.18
MQ-MT-2-8-7	1.64	0.48	52.98	41.05	0.02	-0.03	0.08	0.05	0.08	0.49	0.42	97.27
MQ-MT-2-8-8	1.58	0.32	53.35	41.37	-0.01	-0.08	0.13	0.02	0.07	0.44	0.35	97.54
MQ-MT-2-8-9	1.6	0.32	53.82	41.36	0.01	-0.09	0.06	0.01	0.07	0.47	0.35	97.93
MQ-MT-2-8-10	1.7	0.3	53.31	41.19	0.03	-0.1	0.08	0.02	0.06	0.39	0.33	97.24
MQ-MT-2-8-11	1.65	0.28	53.59	41.8	0	-0.11	0.11	0.02	0.07	0.5	0.4	98.35
MQ-MT-2-8-12	1.7	0.3	53.92	41.17	0	-0.13	0.11	0	0.07	0.43	0.38	97.96
MQ-MT-2-8-1	1.71	0.39	53.68	41.3	0.01	-0.09	0.1	0.03	0.09	0.43	0.33	97.93
MQ-MT-2-8-2	1.66	0.34	53.94	41.27	0.02	-0.09	0.08	0.02	0.06	0.36	0.46	98.14
MQ-MT-2-8-3	1.66	0.3	54.1	41.48	0.01	-0.08	0.08	0.03	0.06	0.51	0.48	98.66
MQ-MT-2-8-4	1.68	0.34	53.92	41.1	0	-0.08	0.11	0.03	0.07	0.41	0.38	97.94
MQ-MT-2-8-5	1.66	0.33	54.06	41.28	0.02	-0.08	0.1	0.01	0.06	0.36	0.37	98.17
MQ-MT-2-8-6	1.65	0.29	53.97	41.41	-0.01	-0.07	0.1	0.06	0.07	0.35	0.47	98.29
MQ-MT-2-8-7	1.7	0.31	53.79	41.23	0.01	-0.1	0.1	0.03	0.08	0.49	0.39	97.99
MQ-MT-2-8-8	1.73	0.35	53.92	41.32	0.01	-0.11	0.12	0.03	0.07	0.4	0.37	98.18
MQ-MT-2-8-9	1.69	0.3	53.88	41.3	0	-0.12	0.1	0.03	0.06	0.42	0.37	98.06
MQ-MT-2-8-10	1.69	0.31	53.93	41.57	0	-0.1	0.08	0.03	0.07	0.38	0.36	98.3
MQ-MT-2-8-21	1.6	0.36	54.01	41.15	0	-0.09	0.08	0.04	0.08	0.44	0.34	97.99
MQ-MT-2-8-22	1.75	0.35	54	41.21	0.02	-0.1	0.12	0	0.08	0.31	0.32	98.09
MQ-MT-2-8-23	1.68	0.51	53.91	41.51	0.01	-0.07	0.14	0.01	0.08	0.46	0.34	98.6
MQ-MT-2-8-24	1.65	0.37	53.77	41.28	0.01	-0.09	0.13	0.05	0.08	0.39	0.35	97.96
MQ-MT-2-8-25	1.72	0.42	53.8	41.59	0.01	-0.1	0.13	0.03	0.09	0.46	0.38	98.51
MQ-MT-2-8-26	1.68	0.29	53.8	41.2	0.02	-0.07	0.1	-0.01	0.06	0.45	0.26	97.76
MQ-MT-2-8-27	1.66	0.34	54.06	41.14	0	-0.09	0.1	0.04	0.08	0.53	0.36	98.2
MQ-MT-2-8-28	1.61	0.32	54.09	41.58	0	-0.09	0.12	0.02	0.07	0.38	0.37	98.48
MQ-MT-2-8-29	1.61	0.38	54.15	41.2	0	-0.07	0.1	0.01	0.06	0.37	0.37	98.2
MQ-MT-2-8-30	1.72	0.33	53.78	41.22	0.01	-0.11	0.11	0.02	0.07	0.4	0.37	97.93
MQ-slv-2-8-1	0.77	0.31	53.05	39.69	0.02	0.61	0.01	-0.01	0.01	0.37	0.94	95.75
MQ-slv-2-8-2	0.01	0.06	57.02	0.04	0	-0.13	0.1	0.09	0.01	0.51	0.08	57.73
MQ-slv-2-8-3	0.81	0.26	52.89	39.92	0.01	0.39	0.03	0	0.01	0.32	0.75	95.4
MQ-slv-2-8-4	0.75	0.39	52.97	40.42	0.01	0.09	0	0	0.02	0.39	0.61	95.62
MQ-slv-2-8-5	0.78	0.31	52.91	40.03	0.03	0.48	-0.02	-0.01	0.03	0.26	0.88	95.66

Table DR5 (Continued)

MQ-sly-2-8-6	-0.02	0.08			0.02	0.1	0.02	0	0	0.68	0	-0.04	0.91
MQ-sly-2-8-7	0.81	0.25	52.87	39.72	39.72	0.01	0.52	0.02	-0.01	0.01	0.32	0.85	95.41
MQ-sly-2-8-8	0.72	0.33	52.87	39.86	39.86	0.01	0.49	0.03	0	0.03	0.28	0.88	95.49
MQ-sly-2-8-9	0.84	0.32	52.73	40.26	40.26	0.01	0.4	-0.02	-0.01	0.04	0.31	0.78	95.66
MQ-sly-2-8-10	0.8	0.4	52.9	39.9	39.9	0.01	0.22	0.02	-0.01	0.03	0.36	0.75	95.35
MQ-sly-11	0.82	0.32	53.3	39.8	39.8	0.02	0.6	0.01	0.01	0.02	0.32	0.95	96.13
MQ-sly-12	0.73	0.48	53.24	40.71	40.71	0	0.19	0.01	0.02	0.03	0.28	0.68	96.32
MQ-sly-13	0.76	0.36	52.79	40.06	40.06	0.01	0.46	0.01	0	0.04	0.29	0.76	95.53
MQ-sly-14	0.78	0.31	53.02	40.13	40.13	-0.01	0.42	0.02	0	0.01	0.34	0.76	95.75
MQ-sly-15	0.76	0.35	53.55	40.33	40.33	0.02	0.17	0	0.03	0.01	0.27	0.74	96.21
MQ-sly-16	0.87	0.3	53.41	40.68	40.68	0.04	0.09	-0.01	-0.01	0.01	0.32	0.6	96.28
MQ-sly-17	0.85	0.29	53.44	40.87	40.87	0	0.2	0.02	-0.01	0.02	0.36	0.66	96.7
MQ-sly-18	0.76	0.32	53.56	40.63	40.63	0.01	0.16	0	0.01	0.01	0.29	0.7	96.47
MQ-sly-19	0.76	0.32	53.55	40.61	40.61	0.01	0.34	0.02	0	0.02	0.34	0.8	96.75
MQ-sly-20	0.81	0.28	53.23	39.56	39.56	0.01	0.45	0	0.01	0.02	0.26	0.91	95.55
MQ-sly-2-8-21	0.8	0.31	53.42	40.29	40.29	0.01	0.12	-0.01	0.02	0.03	0.29	0.71	96
MQ-sly-2-8-22	0.79	0.38	53.15	40.53	40.53	0	0.21	0.02	-0.02	0.03	0.36	0.7	96.15
MQ-sly-2-8-23	-0.01	0.08	55.4	0.07	0.07	0	-0.11	0.08	0.08	0.01	0.53	0.08	56.08
MQ-sly-2-8-24	0.82	0.28	53.22	40.17	40.17	0.01	0.14	0.01	-0.01	0.02	0.32	0.69	95.67
MQ-sly-2-8-25	0.76	0.28	53.34	40.34	40.34	0	0.35	0.02	0.02	0.03	0.34	0.76	96.23
MQ-sly-2-8-26	0.73	0.38	53.35	40.34	40.34	0.04	0.17	0	0	0.02	0.24	0.7	95.95
MQ-sly-2-8-27	0.83	0.29	53.33	40.21	40.21	0	0.46	0.06	0	0.03	0.23	0.85	96.29
MQ-sly-2-8-28	0.78	0.5	52.94	40.31	40.31	0.03	0.16	0.04	0.01	0.08	0.29	0.72	95.84
MQ-sly-2-8-29	0.79	0.31	53.29	40.54	40.54	0.02	0.39	0	0.01	0.01	0.27	0.92	96.53
MQ-sly-2-8-30	0.75	0.33	53.22	40.92	40.92	0	0.12	0	0.01	0.02	0.27	0.72	96.37
MQ-kov-2-8-1	2.75	0.28	54.06	41.64	41.64	0.33	0.01	0.01	0	0.22	0.21	0.04	99.53
MQ-kov-2-8-2	2.77	0.22	54.56	41.48	41.48	0.42	0.04	0.02	-0.01	0.2	0.19	0.01	99.91
MQ-kov-2-8-3	2.71	0.2	54.34	40.99	40.99	0.38	0.02	0	-0.02	0.19	0.15	-0.05	98.92
MQ-kov-2-8-4	2.63	0.18	54.39	41.23	41.23	0.36	0.02	0.01	-0.01	0.2	0.19	-0.03	99.16
MQ-kov-2-8-5	2.54	0.11	52.62	39.81	39.81	0.3	3.48	-0.01	0.01	0.19	0.11	0	99.15
MQ-kov-2-8-6	2.81	0.18	54.72	41.12	41.12	0.32	-0.03	0.01	0.02	0.21	0.22	0	99.59
MQ-kov-2-8-7	2.9	0.14	54.76	40.83	40.83	0.26	-0.01	0.03	0.03	0.18	0.24	-0.05	99.27

Table DR5 (Continued)

MQ-kov-2-8-8	2.78	0.16	54.87	41.22	0.4	0.04	-0.02	0.01	0.19	0.18	0	99.83
MQ-kov-2-8-9	2.68	0.15	54.31	41.32	0.29	-0.02	0.02	0.01	0.2	0.21	0	99.17
MQ-kov-2-8-10	2.83	0.2	54.51	40.76	0.42	0.04	0.01	0	0.19	0.17	0.06	99.2
MQ-kov-1	2.81	0.09	54.62	41.53	0.15	-0.02	-0.01	0.01	0.19	0.2	-0.01	99.55
MQ-kov-2	2.84	0.08	54.62	41.33	0.17	-0.07	0.02	-0.02	0.19	0.28	0	99.41
MQ-kov-3	2.7	0.09	55	41.27	0.14	-0.04	-0.02	0.02	0.19	0.28	0.05	99.64
MQ-kov-4	2.8	0.14	55.03	41.36	0.19	-0.01	0.01	-0.01	0.19	0.24	-0.06	99.85
MQ-kov-5	2.74	0.18	55	41.5	0.27	-0.04	0	0.03	0.19	0.25	0.03	100.13
MQ-kov-6	2.63	0.2	55.07	41.51	0.14	-0.03	-0.01	-0.01	0.2	0.21	0.02	99.95
MQ-kov-7	2.7	0.16	55.09	41.15	0.22	-0.06	-0.02	0	0.18	0.19	0.02	99.61
MQ-kov-8	2.67	0.1	55.14	41.28	0.21	-0.02	0.02	0	0.21	0.25	0.02	99.87
MQ-kov-9	2.69	0.13	55.16	41.74	0.15	-0.02	0.03	0	0.18	0.12	0.1	100.25
MQ-kov-10	2.82	0.15	54.94	41.55	0.19	-0.06	-0.03	-0.01	0.18	0.24	0	99.95
MQ-kov-2-8-21	2.77	0.17	54.63	41.3	0.33	-0.02	0.05	0	0.2	0.25	0.01	99.71
MQ-kov-2-8-22	2.71	0.29	55.08	40.68	0.36	0.04	-0.01	0	0.2	0.23	0.03	99.6
MQ-kov-2-8-23	2.68	0.15	54.82	41.28	0.39	0	-0.01	-0.02	0.19	0.17	0.06	99.72
MQ-kov-2-8-24	2.8	0.18	54.65	41.05	0.36	0.02	-0.02	-0.01	0.21	0.17	-0.01	99.42
MQ-kov-2-8-25	2.67	0.14	54.82	41.02	0.4	0.02	-0.01	0.01	0.2	0.31	-0.06	99.54
MQ-kov-2-8-26	2.76	0.21	55.31	41.18	0.37	-0.02	0.01	0	0.21	0.2	0.08	100.3
MQ-kov-2-8-27	3.06	0.29	53.52	40.09	0.36	0.1	0.01	0	0.21	0.21	0	97.85
MQ-kov-2-8-28	2.68	0.2	55.28	41.64	0.33	-0.01	0.02	0.03	0.19	0.26	0.08	100.69
MQ-kov-2-8-29	2.75	0.16	55.03	41.99	0.21	-0.04	0.01	-0.02	0.19	0.29	0.06	100.6
MQ-kov-2-8-30	2.62	0.17	51.19	38.52	0.28	0.13	0.42	0	0.19	0.24	0.01	93.78
mq-MADA-1	3.31	0.1	54.71	39.64	0.45	0.62	0	0.03	0.17	0.21	0.42	99.66
mq-MADA-2	3.94	0.11	54.63	39.06	0.41	0.63	0.01	0.04	0.18	0.13	0.42	99.57
mq-MADA-3	3.13	0.08	54.87	39.52	0.5	0.65	0.02	0.02	0.19	0.25	0.3	99.52
mq-MADA-4	3.21	0.04	54.86	39.67	0.5	0.68	0	-0.02	0.19	0.15	0.42	99.74
mq-MADA-5	3.25	0.06	55.09	40.06	0.51	0.61	0.03	0	0.19	0.24	0.38	100.38
mq-MADA-6	3.25	0.12	54.81	40.75	0.51	0.6	-0.01	0.01	0.19	0.21	0.34	100.77
mq-MADA-7	3.27	0.04	54.81	40.07	0.51	0.64	-0.03	0	0.17	0.19	0.39	100.06
mq-MADA-8	3.12	0.05	55.22	40.15	0.5	0.63	0.03	0.01	0.17	0.24	0.32	100.42
mq-MADA-9	3.43	0.06	54.73	39.74	0.48	0.62	0	0.04	0.17	0.21	0.34	99.84

Table DR5 (Continued)

mq-MADA-10	3.22	0.05	55.14	40.06	0.45	0.61	0.02	0.01	0.19	0.23	0.35	100.36
mq-MADA-11	3.3	0.09	54.94	40.25	0.54	0.6	-0.02	0.01	0.17	0.17	0.31	100.37
mq-MADA-12	3.28	0.04	54.69	39.88	0.47	0.63	0	0.02	0.19	0.17	0.37	99.7
mq-MADA-13	3.1	0.06	55.06	39.72	0.45	0.58	0.03	0.02	0.19	0.23	0.31	99.75
mq-MADA-14	3.26	0.05	54.93	40.22	0.47	0.63	0.01	0	0.19	0.26	0.3	100.31
mq-MADA-15	3.18	0.02	54.66	40.49	0.45	0.66	-0.01	0.03	0.19	0.28	0.26	100.2
mq-MADA-16	3.68	0.1	54.96	39.98	0.49	0.61	0	0.01	0.18	0.21	0.35	100.55
mq-MADA-17	3.46	0.07	54.4	39.96	0.45	0.6	0	0	0.18	0.26	0.37	99.78
mq-MADA-18	3.51	0.1	54.78	39.85	0.45	0.62	0.01	0.04	0.19	0.2	0.4	100.18
mq-moy-1	2.93	0.16	55.85	42.17	0.01	0.05	0.01	-0.01	0.05	-0.04	-0.04	101.12
mq-moy-2	2.92	0.2	55.48	41.97	0	0.04	0	-0.01	0.05	0.02	-0.01	100.63
mq-moy-3	3.17	0.16	55.72	42.2	0	0.04	-0.01	-0.01	0.03	0.01	0.07	101.37
mq-moy-4	3.14	0.12	56.01	42.35	0	0.04	0.03	-0.01	0.03	0.01	-0.11	101.59
mq-moy-5	3	0.17	55.71	42.13	0.03	0.03	0	0.02	0.04	0.01	-0.03	101.11
mq-moy-6	2.97	0.1	54.66	41.37	0	0.02	0.02	0	0.04	0.01	-0.05	99.15
mq-moy-7	2.83	0.17	54.99	41.61	0.01	0.04	0.03	0.01	0.04	-0.05	-0.02	99.63
mq-moy-8	3	0.15	55.99	42.29	0.01	0.01	0.03	0	0.04	0.01	-0.07	101.39
mq-moy-9	3.05	0.17	54.94	41.86	0	0.03	0	0.01	0.04	0	0.01	100.09
mq-moy-10	2.99	0.11	55.34	41.59	0	0.03	0	-0.01	0.05	0.01	0.02	100.14
mq-moy-11	3.04	0.14	55.11	41.7	0	0.06	0	-0.01	0.06	0	0.01	100.05
mq-moy-12	3	0.15	55.75	42.47	0.01	0.06	0.01	0.01	0.06	-0.01	0.04	101.52
mq-moy-13	3.06	0.13	55.95	41.83	0.01	0.03	-0.01	0	0.03	0.06	-0.02	101.08
mq-moy-14	3.07	0.15	55.54	41.51	-0.01	0.01	0.01	0	0.02	-0.1	-0.03	100.13
mq-moy-15	3.28	0.14	56.12	42.71	0.01	0.02	0.01	0.02	0.02	0.03	-0.01	102.37
mq-DUR1-1	1.68	0.08	54.35	40.3	0.64	0.78	0.04	0	1.16	0.06	0.32	99.39
mq-DUR1-2	1.78	0.15	54.3	39.92	0.7	0.81	0.05	0.02	1.19	0.07	0.25	99.26
mq-DUR1-3	1.74	0.13	54.46	39.92	0.68	0.84	0.05	-0.01	1.19	0	0.3	99.32
mq-DUR1-4	1.73	0.13	54.34	39.91	0.73	0.77	0.05	-0.01	1.18	0.02	0.48	99.32
mq-DUR1-5	1.76	0.16	54.02	39.76	0.73	0.88	0.06	0.01	1.19	0.05	0.36	98.98
mq-DUR1-6	1.81	0.08	54.49	40.21	0.57	0.76	0.06	0.02	1.11	0.08	0.31	99.54
mq-DUR1-7	1.86	0.13	54.59	40.15	0.63	0.79	0.03	-0.01	1.12	0.08	0.35	99.74
mq-DUR1-8	1.86	0.09	54.79	40.15	0.63	0.75	0.04	-0.01	1.11	0.05	0.27	99.75

Table DR5 (Continued)

mq-DUR1-9	1.84	0.07	54.56	40.04	0.63	0.77	0.07	-0.01	1.12	0.08	0.27	99.43
mq-DUR1-10	1.9	0.06	54.07	39.9	0.62	0.8	0.06	0.01	1.12	0.1	0.25	98.93
mq-DUR1-11	1.9	0.09	54.84	39.89	0.64	0.81	0.01	0.01	1.12	0.03	0.33	99.71
mq-DUR1-12	1.89	0.1	54.75	39.82	0.65	0.78	0.07	0	1.12	0.06	0.37	99.63
mq-DUR1-13	1.91	0.09	54.77	39.92	0.64	0.78	0.04	0.03	1.09	0.01	0.3	99.55
mq-DUR1-14	1.95	0.13	54.41	40.21	0.68	0.79	0.07	0.01	1.09	0.08	0.37	99.76
mq-DUR1-15	1.86	0.09	54.56	39.69	0.6	0.74	0.06	0.02	1.13	0.1	0.22	99.07
mq-DUR1-16	2.06	0.06	54.65	40.03	0.54	0.68	0.02	0	0.72	0.03	0.27	99.08
mq-DUR1-17	2.12	0.08	55.1	39.98	0.61	0.83	0.04	0.01	0.71	0.08	0.31	99.91
mq-DUR1-18	2.28	0.08	55.03	40.46	0.4	0.5	0.02	0	0.52	0.05	0.24	99.61
mq-DUR1-19	2.32	0.07	54.53	40.16	0.54	0.64	0	0.01	0.74	0.01	0.24	99.31
mq-DUR1-20	2.06	0.04	54.83	40.49	0.49	0.7	0.04	-0.03	0.91	0.06	0.31	99.88
mq-DUR1-21	1.9	0.08	54.61	39.91	0.54	0.68	0.09	0.01	0.95	0.04	0.29	99.15
mq-DUR1-22	1.85	0.1	54.4	40.14	0.57	0.74	0.02	-0.02	1.1	0.07	0.33	99.3
mq-DUR1-23	1.82	0.08	54.6	40.09	0.56	0.77	0.02	-0.01	1.1	0.08	0.34	99.49
mq-DUR1-24	1.85	0.07	54.6	39.57	0.59	0.76	0.03	0	1.1	0.07	0.37	99
mq-DUR1-25	1.77	0.13	54.68	40.3	0.56	0.74	0.04	-0.01	1.11	0.03	0.37	99.72
mq-DURB-1	2.19	0.05	54.8	40.37	0.4	0.66	0.03	0	0.52	-0.02	0.3	99.3
mq-DURB-2	2.18	0.03	54.94	40.42	0.44	0.66	0	-0.01	0.51	0.03	0.37	99.59
mq-DURB-3	2.38	0	54.86	40.35	0.44	0.7	0.03	-0.01	0.49	-0.02	0.18	99.43
mq-DURB-4	2.05	0.09	54.98	40.65	0.47	0.69	0.02	0.02	0.77	0.1	0.34	100.16
mq-DURB-5	2.05	0.09	55	40.89	0.4	0.6	0.02	0.02	0.74	0.05	0.33	100.26
mq-DURB-6	2.06	0.05	54.96	41.03	0.45	0.59	0.01	0	0.7	0.08	0.24	100.19
mq-DURB-7	2.05	0.06	55.05	40.82	0.43	0.57	0.01	0	0.73	0.06	0.31	100.07
mq-DURB-8	2.08	0.05	55.1	41	0.41	0.61	0.01	0.01	0.63	0.05	0.3	100.27
mq-DURB-9	2.1	0.07	54.87	39.87	0.49	0.67	0.03	0.01	0.71	0.09	0.27	99.24
mq-DURB-10	2.02	0.06	54.95	40.24	0.47	0.7	0.01	0.02	0.72	-0.01	0.27	99.46
mq-DURB-11	2.1	0.07	54.79	40.25	0.46	0.71	0.02	-0.03	0.65	0.07	0.29	99.35
mq-DURB-12	2.09	0.07	54.81	40.36	0.45	0.69	0.03	-0.01	0.66	0.07	0.29	99.51
mq-DURB-13	2.11	0.07	54.76	40.52	0.48	0.69	0	0.01	0.64	0	0.31	99.6
mq-DURB-14	2.03	0.05	54.79	40.76	0.47	0.71	0.02	0	0.62	0.05	0.26	99.79
mq-DURB-15	2.02	0.11	55.06	40.46	0.46	0.67	0	0.02	0.64	0.08	0.28	99.82

Table DR5 (Continued)

mq-pot-1	2.11	0.09	54.85	40.45	0.5	0.56	0.01	0.03	0.78	0.03	0.34	99.74
mq-pot-2	1.86	0.07	54.53	39.98	0.58	0.71	0.06	0	0.98	0.09	0.31	99.17
mq-pot-3	1.79	0.1	54.77	40.1	0.59	0.74	0.04	0.02	1.08	-0.01	0.34	99.59
mq-pot-4	1.88	0.09	54.3	40.32	0.59	0.74	0.06	-0.03	1.08	0.09	0.45	99.56
mq-pot-5	3.17	0.05	54.83	40.14	0.48	0.64	-0.01	0	0.17	0.24	0.32	100.02
mq-pot-1	4.08	0.01	55.14	42.61	0	-0.08	0	0.16	-0.01	0.36	-0.02	102.27
mq-pot-2	4.13	0.02	54.97	41.95	-0.01	-0.1	0.01	0.19	0	0.42	0.01	101.58
mq-pot-3	4.03	0.03	55.03	42.42	0	-0.12	0.01	0.18	0	0.48	0.08	102.16
mq-pot-4	4.05	0.06	54.93	41.87	-0.01	-0.05	0	0.19	0	0.42	0.07	101.56
mq-pot-5	3.95	0.05	55.35	41.99	0.01	-0.12	0.01	0.17	0	0.42	-0.04	101.79
mq-pot-6	4.05	0.04	54.84	41.88	0.02	-0.09	-0.02	0.2	0	0.44	0.02	101.4
mq-pot-7	3.78	0	55.34	41.72	0	-0.06	0.02	0.25	0	0.31	-0.03	101.33
mq-pot-8	3.68	0	54.87	41.84	0	-0.2	0	0.22	0	0.75	-0.07	101.09
mq-pot-9	3.55	-0.05	54.98	42.26	0.02	-0.21	0	0.22	0	0.76	0.02	101.58
mq-pot-10	3.67	0.01	55.26	42.16	0.02	-0.22	0	0.18	0	0.68	-0.03	101.71
mq-pot-11	3.56	-0.02	55.33	42.12	-0.01	-0.11	0.01	0.12	0	0.44	0	101.41
mq-pot-12	3.66	0.07	55.15	41.59	0.01	-0.02	0.03	0.34	0	0.21	-0.04	100.98
mq-pot-13	4.22	-0.01	55.07	41.56	-0.01	-0.19	0.01	0.22	0	0.63	0.03	101.53
mq-pot-14	4.18	-0.03	55.15	41.39	0.01	-0.19	0	0.16	0	0.55	0.01	101.25
mq-pot-15	4.24	-0.01	55.09	41.92	0	-0.21	0.03	0.18	0.01	0.73	0.03	102.02

Table DR6. The trace elements of standards

Analysis	Trace element (ppm)															
	Spot	Mg	Si	P	S	Cl	Ca	Ti	V	Mn	Fe	Rb	Sr	Y	Zr	Nb
STDG-07	<560.56	<313113.59	<15722.54	<79652.77	5827588.5	71470.09	<3033.61	-42.66	327.05	76512.7	-247.41	<63.81	<193.93	<1878.00	<122.67	41.26
STDG-04	<974.87	1597548288	372927.28	<285781.53	42587.33	<189.44	<661.36	<57869.24	1610.8	1303.77	2084449	5011791872	30696.1	<114.02		
STDG-03	40.58	<1061183.13	<47476.45	85764.09	<7296.70	<121.50	882.9	1132320.75	<549.00	<32.34	<99.54	<1383.41	<89.93	-21.66		
STDG-02	-391.68	<1596889.00	86256.29	85764.09	<9734.74	<157.75	3061.95	1663072.88	<712.38	<59.86	<138.71	<1467.29	<146.96	<48.45		
STDG-09	<2677.58	2534330112	779826.19	10248237	<5212809.50	<527904.19	86192.43	372.95	<1261.59	<5296103	<2141.12	2176.89	3773470.5	9286503424	35479.49	<259.65
STDG-08	1881.7	<1998311.63	<104163.53	<497647.66	31344374	71470.09	<17650.35	-405.53	1774.88	442094.91	<2903.14	<349.46	<1242.21	<11241.45	<581.90	-12.56
STDG-06	<1370.54	2143010560	733067.19	<364307.19	71534.7	<71534.7	<255.73	<835.32	<62793.08	<1204.38	2022.27	2930868.25	7345766912	36776.58	<93.15	
STDG-05	108.84	<806568.81	<39642.32	<221867.95	10683158	71470.09	<7282.62	<145.99	732.78	127668.7	<1027.98	<185.06	<448.34	<4736.26	<192.16	18.66
STDG-04	<4083.70	4320432128	1154384.88	15656986	<1985968.13	<765651.56	123897.8	<467.33	<2203.64	<110829.70	<3279.44	4436.99	6284192.5	15515527168	75586.59	<315.16
STDG-03	<4173.49	<3028951.50	<142846.58	<903549.69	22855634	71470.09	<28561.97	<456.86	4758.97	1207408.13	<3325.63	<652.51	<1015.97	<19219.75	<614.39	-64.27
STDG-02	517.04	<589478.44	<26567.23	<186476.67	<279643.88	71470.09	<5305.98	1.89	1046.6	45748291	465.09	<92.39	<262.91	<2842.84	<166.87	1.7
STDG-01	1727.96	<1508907.50	<66318.17	<496788.28	7776302.5	81905.45	<13667.81	-99.48	2130.45	1042415.56	<1264.44	<251.08	<517.99	<5986.83	<344.38	-45.59
STDG-01	<1526.61	2442224640	<175224.31	<457565.53	68829.7	<327.19	<1358.74	<1358.74	<122713.44	<1478.66	1772.26	3153859.75	7739045376	53749.42	<165.57	
STDGH-06	<802.97	788464960	1342310	2841009.25	<521094.16	<145991.77	26764.57	158.75	<407.20	<19169.05	627.81	847.18	1165389.38	2864847616	12737.83	30.67
KOV-9	146.89	2187.01	151029.23	378791.5	<0.62	78.68	92.46	68.26	<0.91	2554.1	190.49	11.23	1.776	2247.15		
KOV-9	150.53	2157.12	151982.28	378791.53	<0.57	78.54	92.21	69.69	<0.091	2426.01	175.52	10.11	1.458	2344.65		
KOV-9	193.73	3174.16	150179.06	378791.53	0.901	83.99	109.55	105.59	0.0945	2364.43	196.52	35.41	2.289	2602.49		
KOV-9	101.39	3058.2	131511.83	378791.53	1.7	85.13	86.14	464.47	0.0651	2537.25	189.68	29.93	4	2411.47		
KOV-9	122.94	3777.88	135780.64	378791.5	0.89	80.26	90.35	114.24	0.0593	2432.05	234.53	89.24	4.51	2899.3		
KOV-9	122.94	3777.88	135780.64	378791.5	0.89	80.26	90.35	114.24	0.0593	2432.05	234.53	89.24	4.51	2899.3		
KOV-8	99.12	3239.73	148116.19	433.47	<681.65	378791.41	0.65	102.28	88.65	80.65	<0.133	2753.13	206.77	48.75	4.65	2812.26
KOV-8	778.04	716.59	24.49	378791.47	<0.66	<0.0155	387.41	362.37	<0.097	5070.07	21.59	<0.243	0.163	305.1		
KOV-8	794.49	705.04	24.54	378791.47	<0.60	<0.0154	384.37	366.94	<0.097	4807.08	19.85	<0.219	0.134	318.42		
KOV-8	99.55	3255.59	148575.86	420.59	1993.28	378791.38	0.65	102.61	88.9	80.24	<0.133	2761.1	207.09	48.89	4.67	2824.16
KOV-8	103.35	3076.74	130802.66	378791.44	1.45	86.56	87.68	72.14	0.0619	2439.09	184.78	28.17	3.12	2615.95		
KOV-8	102.88	3327.69	145720.33	378791.56	0.946	89.72	88.77	75.42	0.0603	2555.69	187.6	60.35	4.43	2561.74		
KOV-8	101.99	3152.04	131924	378791.53	1.58	86.26	88.87	69.8	0.0619	2586.48	200.7	31.43	3.81	2494.91		
KOV-8	80.92	1679.15	135691.02	378791.5	0.763	46.81	51.6	47.98	0.0509	2035.46	138.93	19.14	1.525	2221.8		
KOV-8	492.07	3435.14	133851.2	378791.56	3.51	83.18	84.95	202.34	0.0599	2478.16	205.35	62.73	7.48	2600.8		
KOV-8	156.13	10581.95	135698.09	378791.5	3.23	331.61	109.92	98.75	5.55	3129.75	290.3	719.7	4054.55	3631.41		
KOV-8	132.99	3640	163264.23	378791.5	0.751	95.78	105.47	97.38	0.0627	2622.23	207.41	58.86	4.24	2685.05		

Table DR6 (Continued)

KOV-7	101.89	2228.92	149387.63	269.18	3645.87	378791.41	<0.75	81.24	91.63	64.07	<0.128	2693.64	227.04	22.31	2.161	2764.13
KOV-7	105.75	3652.69	143886.3			378791.47	0.96	106.05	93.31	80.36	<0.091	2766.56	241.17	63.16	5.22	3357.33
KOV-7	107.92	3594.46	144310.05			378791.47	0.87	105.72	92.54	81.54	<0.091	2623.11	221.77	56.89	4.27	3507.24
KOV-7	102.55	2241.41	150026.88	258.75	<109.61	378791.34	<0.75	81.71	92.08	63.44	<0.130	2705.5	228.1	22.26	2.173	2779.81
KOV-7	70.78	3563.7	129786.09			378791.47	1.455	92.07	84.58	67.4	0.0966	2589.55	170.37	73.98	5.82	2572.59
KOV-7	112.16	3715.8	144967.33			378791.56	1.063	96.3	97.81	76.04	0.0807	2588.36	256.23	90.83	5.89	3251.48
KOV-7	69.77	3638.7	130754.78			378791.53	1.58	91.73	85.56	64.72	0.097	2744.04	185.04	82.11	7.1	2452.42
KOV-7	68.76	1885.1	135435.55			378791.5	0.672	44.15	53.66	59.23	0.0418	2025.51	138.68	25.34	1.596	2162.61
KOV-7	94.96	3009.16	135166.69			378791.53	3.42	76.89	77.34	67.25	0.072	2444.96	219.47	57.13	3.99	2708.32
KOV-7	163	11293.07	136120.42			378791.5	3.47	3406.26	117.72	95.72	7.13	3090.22	383.26	1034.88	5141.59	4424.2
KOV-7	179.74	3042.28	171190.13			378791.5	0.814	82.74	101.6	130.31	0.0773	2509.83	197.15	28.63	2.408	2383.82
KOV-6	76.59	2711.88	135074.97			378791.5	1.94	75.15	83.87	60.67	0.06	2606.22	184.88	16.18	2.38	2161.15
KOV-6	42.24	3417.93	142454.08			378791.53	1.47	102.41	74.14	54.79	<0.094	2873.97	203.33	75.38	7.04	2882.72
KOV-6	43.31	3367.98	142940.63			378791.47	1.32	101.93	73.87	55.46	<0.095	2729.21	186.43	67.5	5.76	2780.86
KOV-6	84.62	2080.26	149288.69			378791.5	1.011	86.41	82.58	30.96	0.054	2594.03	167.44	37.83	3.11	2348.3
KOV-6	84.62	2080.26	149288.69			378791.5	1.011	86.41	82.58	30.96	0.054	2594.03	167.44	37.83	3.11	2348.3
KOV-6	84.62	2080.26	149288.69			378791.5	1.011	86.41	82.58	30.96	0.054	2594.03	167.44	37.83	3.11	2348.3
KOV-6	78.89	2643.63	132573.64			378791.47	1.78	74.73	83.64	61.52	0.0601	2462	167.75	14.38	1.926	2210.19
KOV-6	59.19	1412.78	135328.48			378791.53	0.85	55.28	50.96	28.94	0.0497	2110.35	135.8	20.82	2.015	2249.84
KOV-6	67.43	1980.09	136764.72			378791.56	0.603	70.69	67.54	46.91	0.0458	2404.92	155.26	14.23	1.751	2164.28
KOV-6	84.69	2083.3	149921.77			378791.44	1.013	86.61	82.79	31.49	0.0543	2596.01	167.88	37.93	3.12	2357.29
KOV-6	59.4	1412.94	135032.81			378791.5	0.85	55.24	51.06	28.69	0.0499	2111.09	135.14	20.78	2.01	2235.12
KOV-6	67.47	1981	137265.53			378791.56	0.603	70.74	67.64	46.63	0.0459	2406.21	154.97	14.21	1.75	2161.24
KOV-5	66.79	3557.98	132892.13			378791.5	2.19	92.76	84.04	70.74	0.2025	2764.79	183.89	69.32	6.04	2473.66
KOV-5	149.63	2295.57	146119.78			378791.53	0.87	80.17	92.81	67.6	<0.088	2564.47	190.36	11.24	1.885	2287.3
KOV-5	153.03	2253.18	146388.77			378791.47	0.71	79.63	92.42	68.3	<0.088	2435.81	174.24	9.99	1.539	2364.1
KOV-5	115.75	3690.38	145084.27			378791.5	0.852	97.23	97.34	82.97	0.114	2616.09	253.1	77.47	5.29	3164.22
KOV-5	115.75	3690.38	145084.27			378791.5	0.852	97.23	97.34	82.97	0.114	2616.09	253.1	77.47	5.29	3164.22
KOV-5	68.9	3465.02	130506.65			378791.47	1.99	92.05	83.9	71.28	0.201	2609.18	166.39	61.39	4.88	2519.95
KOV-5	69.3	2406.73	133402.36			378791.53	0.726	63.18	59.39	54.91	0.0467	2158.6	166.66	78.56	5.23	2586.19
KOV-5	88.88	2749.16	134184.66			378791.56	24.4	79.92	79.28	63.59	0.0584	2419.3	225.28	190.81	75.82	2768.87
KOV-5	115.88	3697.17	145898.61			378791.44	0.853	97.51	97.66	84.92	0.1147	2618.58	253.95	77.74	5.32	3179.48
KOV-5	69.61	2406.96	133024.61			378791.5	0.725	63.12	59.54	54.27	0.047	2159.43	165.6	78.35	5.22	2564.06
KOV-5	90.84	2800.26	135170.17			378791.56	24.56	80.66	80.19	61.93	0.0582	2417.7	227.71	192.34	75.94	2799.99

Table DR6 (Continued)

KOV-4	154.61	1920.42	132389.98	378791.47	2.05	66.01	95.13	68.13	0.0658	2474.15	175.63	8.44	1.295	2000.9
KOV-4	68.83	5661.64	136746.2	378791.41	2	104.08	115.28	157.28	<0.088	2870.1	268.35	134.04	9.92	3469.93
KOV-4	68.85	5637.19	134966	378791.5	2	103.67	115.18	155.71	<0.088	2866.61	268.66	133.93	9.9	3451.04
KOV-4	168.76	3332.39	278112.56	378791.47	1.058	88.29	105.12	112.14	0.086	2544.14	211.1	29.85	3.14	2546.06
KOV-4	97.94	2655.38	145778.88	378791.41	0.9	92.06	87.12	17.73	0.0719	2569.1	204.27	47.97	4.04	2652.02
KOV-4	98.37	2664.04	144096.28	378791.53	0.896	91.6	87.34	16.78	0.0711	2567.32	203.52	47.78	4.02	2617.38
KOV-4	98.37	2664.04	144096.28	378791.53	0.896	91.6	87.34	16.78	0.0711	2567.32	203.52	47.78	4.02	2617.38
KOV-4	98.37	2664.04	144096.28	378791.53	0.896	91.6	87.34	16.78	0.0711	2567.32	203.52	47.78	4.02	2617.38
KOV-4	98.37	2664.04	144096.28	378791.53	0.896	91.6	87.34	16.78	0.0711	2567.32	203.52	47.78	4.02	2617.38
KOV-4	78.75	1532.23	133942.55	378791.56	0.815	73.45	71.7	34.92	0.0485	2485.82	156.82	10.52	1.851	2136.08
KOV-4	56.74	2518.84	131911.92	378791.5	0.899	62.58	55.94	42.97	0.0819	2242.59	154.29	89.95	5.64	2350.55
KOV-4	78.85	1522.43	133352.75	378791.63	0.812	72.96	71.68	35.24	0.0483	2486.04	157.23	10.57	1.851	2134.23
KOV-4	168.89	3330.21	352434.19	378791.5	1.057	88.23	105.19	110.62	0.086	2541.08	210.54	29.8	3.14	2534.42
KOV-3	48.62	2967.6	131350.23	378791.47	2.28	93.38	77.08	41.88	0.089	2790.36	192.75	77.69	7.21	2486.56
KOV-3	86.9	3008.39	143181.23	378791.41	0.82	99.54	85.25	50.38	<0.085	2732.01	208.35	29.4	4.14	2678.24
KOV-3	86.75	3010.61	140560.36	378791.5	0.81	98.6	85.65	53.8	<0.081	2737.32	209.28	29.64	4.11	2669.23
KOV-3	120.28	2498.18	267145.84	378791.44	0.892	91.97	91.81	78.21	0.0696	2391.69	197.17	15.52	2.18	2436.6
KOV-3	146.55	3125.14	144709.58	378791.41	2.6	97.76	92.54	43.24	0.0831	2642.16	258.14	64.21	10.16	3232.9
KOV-3	147.88	3105.94	142603.09	378791.53	2.61	97.08	92.84	41.29	0.0811	2638.49	256.9	63.9	10.11	3178.68
KOV-3	147.88	3105.94	142603.09	378791.53	2.61	97.08	92.84	41.29	0.0811	2638.49	256.9	63.9	10.11	3178.68
KOV-3	74.13	4513.7	128463.33	378791.53	1.439	80.95	100.19	126.5	0.0869	2593.01	291.62	124.76	8.23	3486.53
KOV-3	112.74	2303.37	134711.84	378791.5	0.787	45.72	57.34	77.11	0.0463	2067.38	112.26	7.27	0.946	1855.16
KOV-3	74.36	4460.21	126869.27	378791.63	1.5	80.11	100.83	120.19	0.085	2582.85	292.77	120.9	8.02	3473.71
KOV-3	120.37	2501.74	381521.41	378791.5	0.895	91.87	91.87	77.43	0.0696	2587.44	196.54	15.5	2.174	2422.91
KOV-22	95.28	3291.33	134473.41	378791.53	0.972	78.41	81.86	88.51	0.0586	2369.04	193.39	39.84	2.736	2771.67
KOV-21	81.32	2102.67	134681.7	378791.53	1.058	75.44	77.67	53.56	0.1424	2302.27	184.74	125.87	2.066	2680.89
KOV-20	82.84	2897.86	134651.42	378791.66	1.091	80.51	81.84	67.65	0.0594	2451.37	214.51	38.52	3.53	2671.09
KOV-20	83.5	2887.15	133523.89	378791.41	1.094	80.96	81.67	67.19	0.0599	2443.4	212.89	38.42	3.52	2676.07
KOV-20	84.21	2840.54	135224.39	378791.53	0.994	80.36	80.92	68.5	0.0597	2316.38	196.32	34.75	2.896	2795.35
KOV-2	66.53	1927.14	147435.77	378791.41	<0.96	71.1	81	53.92	<0.090	2739.06	170.32	8.15	1.435	2214.45
KOV-2	91.06	4684.36	136712.95	378791.53	<0.62	111.93	108.34	127.69	<0.135	2914.99	238.3	125.23	10.3	2971.14
KOV-2	169.52	1598.65	123854.54	378791.5	1.4	93.61	113.2	16.92	0.1069	2568.99	245.79	42.05	3.2	2772.33
KOV-2	95.62	<97.51	145589.8	378791.41	1.57	97.99	88.62	<3.37	0.0879	2631.45	207.3	57.46	5.07	2624.24
KOV-2	99.51	<94.98	136740.27	378791.53	1.53	93.65	90.68	<2.75	0.0836	2582.02	198.57	55.19	4.79	2309.88
KOV-2	99.51	<94.98	136740.27	378791.53	1.53	93.65	90.68	<2.75	0.0836	2582.02	198.57	55.19	4.79	2309.88

Table DR6 (Continued)

KOV-2	73.07	5288.5	128415.57		378791.59	1.14	83.77	99.97	101.69	0.081	2655.78	235.31	121.48	8.81	2890.55
KOV-19	70.27	2107.34	135634.05	596.01	378791.66	0.947	54.9	72.8	59.71	0.0454	2482.51	147.71	8.02	1.192	1998.26
KOV-19	71.03	2092.87	134276.73	585.73	378791.44	0.946	55.28	72.58	59.46	0.0456	2470.94	146.29	7.99	1.19	2002.76
KOV-19	71.31	2063.21	136346.77	667.98	378791.5	0.864	54.82	71.88	60.64	0.0457	2343.47	135.05	7.25	0.979	2094.61
KOV-18	84.71	2855.95	158601.56		378791.56	<0.67	85.94	88.07	66.39	<0.103	2747.2	229.21	22.69	3.07	2829.36
KOV-18	83.39	3211.84	155552.34	332.81	378791.56	0.78	105.15	93.03	64.37	<0.129	2867.19	211.54	61.76	5.88	2914.64
KOV-18	91.27	3256.96	132934.25	529.65	378791.56	1.247	80.62	88.03	94.23	0.0639	2468.35	217.84	43.8	3.28	2731.27
KOV-18	76.48	2702.51	135437.8	546.87	378791.75	2.33	71.74	77.87	86.04	0.0654	2441.64	202.14	25.77	3.83	2432.82
KOV-18	91.15	2747.46	122115.7	453.36	378791.41	1.27	70.58	79.09	76.02	0.042	2355.64	185.23	27.24	2.77	2338.34
KOV-17	90.27	2833.02	157544.84		378791.53	0.96	94.39	92.54	69.66	<0.100	2830.15	224.55	47.47	3.52	3048.32
KOV-17	816.02	604.44	21.79	55.85	378791.53	<0.57	<0.0178	384.45	388.67	<0.127	5340.1	18.61	<0.39	0.037	302.44
KOV-17	94.2	5128.76	128129.27	363.08	378791.56	1.72	93.76	110.07	125.37	0.0789	2675.46	286.41	146.26	11.05	3582.6
KOV-17	60.23	4246.28	133491.98	473.36	378791.75	1.73	86.74	88.97	90.22	0.1238	2669.03	226.3	121.1	9.82	2876.23
KOV-17	64.87	4301.82	124827.08	397.22	378791.41	1.72	88.18	91.04	87.92	0.084	2623.82	223.56	120.75	8.87	2805.88
KOV-16	93.38	4039.08	149927.3		378791.47	1.31	106.38	99.45	107.18	<0.102	2685.43	227.8	69.37	4.76	3539.81
KOV-16	90.43	4060.81	147578.98		378791.53	1.41	106.29	99.42	104.36	<0.097	2843.78	245.96	75.98	5.82	3401.17
KOV-16	55.82	3085.73	148861.8	368.98	378791.44	<0.68	105.27	80.39	57.61	<0.133	2940.97	223.08	44.83	5.62	3031.03
KOV-16	56	3088.84	148327.64	370.9	378791.53	<0.68	105.33	80.48	57.9	<0.132	2943.4	224.23	44.94	5.64	3046.46
KOV-16	85.69	4615.34	128352.48	448.82	378791.53	2.08	93.68	100.93	118.27	0.0763	2537.45	240.5	117.11	9.63	3476.92
KOV-16	83.71	4679.62	128134.3	419	378791.56	2.28	93.93	101.55	116.3	0.0758	2670.26	261.05	130.19	11.72	3327.03
KOV-15	88.51	2982.92	151123.33		378791.47	0.6	99.77	90.72	74.01	<0.099	2643.11	199.94	45.3	3.63	3104.05
KOV-15	86.97	3021.98	148923.08		378791.53	0.75	99.87	91.37	72.69	<0.094	2814.05	216.79	50.27	4.43	3013.2
KOV-15	93.65	2512.68	148616.73	301.81	378791.41	0.79	72.47	95.16	75.32	<0.131	2721.63	191.19	20.17	1.589	2272.18
KOV-15	93.82	2520.36	147725.94	303.83	378791.53	0.8	72.48	95.26	75.36	<0.131	2717.53	192.25	20.27	1.601	2282.94
KOV-15	86.89	2876.55	131022.3	574.97	378791.53	1.197	76.68	79.8	91.25	0.0636	2393.24	202.34	21.76	2.012	2757.89
KOV-15	84.88	2914.42	130728.21	521.44	378791.59	1.31	76.84	80.28	89.53	0.0631	2516.76	219.47	24.17	2.446	2635.76
KOV-14	102.05	3717.64	155340.73		378791.44	0.85	104.55	97.27	95.28	<0.100	2834.44	238.46	55.51	4.81	3287.52
KOV-14	104.48	3658.38	157229.34		378791.5	0.77	104.24	96.75	97.13	<0.100	2888.69	219.42	48.92	3.96	3425.23
KOV-14	79.84	3087.29	145768.44	418.37	378791.38	<0.63	101.16	91.94	84.5	<0.132	2779.43	239.79	38.97	4.19	3076.31
KOV-14	79.94	3085.71	146004.19	405.92	378791.41	<0.63	101.15	91.89	83.43	<0.132	2771.07	239.79	38.92	4.19	3075.88
KOV-14	91.87	2937.02	130555.52	273.93	378791.56	1.225	82.49	82.88	69.57	0.0659	2390.29	191.82	31.05	2.695	2664.52
KOV-14	95.2	2482.39	135485.48		378791.56	0.682	81.04	95.78	64.45	0.0556	2731.47	182.85	35.05	3.64	2297.33
KOV-13	82.19	2914.14	156586.83		378791.47	<0.70	101.12	90.41	68.74	<0.096	2713.02	236.59	37.51	3.48	3144.45

Table DR6 (Continued)

KOV-13	84.16	2868.04	158967.69	378791.5	<0.64	100.86	89.94	70.25	<0.097	2573.8	217.77	33.74	2.86	3277.25
KOV-13	123.74	4987.64	142091.47	378791.34	0.77	114.62	128.1	161.75	<0.129	2865.48	288.79	132.97	7.89	3898.64
KOV-13	123.95	4984.64	142452.78	378791.38	0.77	114.61	128.04	159.21	<0.129	2854.59	288.8	132.75	7.89	3897.94
KOV-13	69.61	4000.67	130821.13	378791.56	1.236	90.01	85.11	96.4	0.1049	2558.93	204.39	81.91	5.99	2959.43
KOV-13	99.24	3346.36	143082.17	378791.56	0.905	93.08	92.37	68.68	0.0737	2578.13	231.43	60.18	5.23	2818.19
KOV-12	74.17	2505.03	152419.63	378791.47	0.7	95.07	83.2	59.07	<0.097	2815.53	209.28	18.37	2.527	2706.91
KOV-12	75.88	2464.97	153089.17	378791.53	0.64	94.74	82.72	59.87	<0.097	2670.56	192.72	16.51	2.074	2818.39
KOV-12	103.21	2915.7	144916.31	378791.41	<0.68	71.83	98.73	89.31	<0.130	2564.02	203.01	25.9	2.126	2263.41
KOV-12	103.28	2916.97	147779.11	378791.47	<0.67	71.79	98.83	94.98	<0.128	2578.22	202.84	25.92	2.135	2270.06
KOV-12	97.17	2283.35	147964.3	378791.5	0.806	77.49	88.65	44.73	0.061	2596.64	209.98	19.02	2.331	2477.6
KOV-1-1	104.36	4667.15	138577.39	378791.53	<0.71	109.89	108.03	129.82	<0.124	2862.8	249.73	104.34	7.71	3248.89
KOV-1-1	63.83	3771.78	148547.27	378791.44	<0.67	109.94	87.73	77.1	<0.099	2963.31	214.96	90.83	8.22	3000.08
KOV-1-1	65.31	3712.08	149403.38	378791.53	<0.61	109.58	87.24	78.29	<0.099	2810.95	198.05	81.65	6.75	3124.63
KOV-1-1	71.82	2662.46	148107.28	378791.38	<0.70	91.8	85.34	51.16	<0.128	2711.63	223.12	28.9	3.44	2742.25
KOV-1-1	71.44	2651.71	150780.34	378791.47	<0.69	91.56	85.17	54.55	<0.127	2727.24	222.41	28.68	3.43	2748.56
KOV-1-1	146.48	2507.45	146933.05	378791.5	0.814	85.14	95.98	71.7	0.0601	2516.63	203.05	21.31	2.588	2516.01
KOV-1-0	44.77	3767.9	148944.75	378791.53	0.69	103.96	79.18	61.98	<0.097	2900.11	220.03	100.36	8.54	2927.48
KOV-1-0	45.86	3718.31	149727.86	378791.56	0.6	103.72	78.93	63.18	<0.098	2753.81	202.48	90.4	7.01	3053.24
KOV-1-0	91.12	4601.64	147512.61	378791.38	<0.73	104.94	107.37	117.4	<0.132	2806.18	267.29	99.01	6.84	3454.71
KOV-1-0	90.84	4620.2	149101.91	378791.44	<0.72	105.09	107.41	121.55	<0.131	2809.47	268.09	100.11	6.82	3468.87
KOV-1-0	128.06	3549.1	146605.38	378791.5	0.699	94.71	107.94	87.55	0.0742	2481.64	230.17	64.62	3.89	3120.93
KOV-1-0	93.62	5034.17	128596.36	378791.53	2.03	95	110.74	130.86	0.078	2707.37	239.94	129.77	11.27	3119.42
KOV-1-0	56.06	2047.52	138596.66	378791.5	0.698	73.46	62.46	40.07	0.0454	2465.45	167.32	25.54	2.663	2235.24
KOV-1-0	56.06	2047.52	138596.66	378791.5	0.698	73.46	62.46	40.07	0.0454	2465.45	167.32	25.54	2.663	2235.24
KOV-1-0	56.06	2047.52	138596.66	378791.5	0.698	73.46	62.46	40.07	0.0454	2465.45	167.32	25.54	2.663	2235.24
KOV-1-0	91.61	3760.74	144477.5	378791.41	1.69	98.58	93.54	149.52	<0.090	2703.14	224.25	48.87	4.53	2982.61
KOV-1-0	702.81	941.56	5240.79	378791.53	0.54	4.17	412.76	379.06	<0.129	4993.16	26.68	1.88	0.175	357.41
KOV-1-0	94.02	381.63	120739.21	378791.5	1.51	89.96	94.23	51.74	0.0944	2697.09	228.48	29.09	3.05	2598.55
KOV-1-0	97.08	3736.99	145030.36	378791.41	1.51	100.59	94.11	167.12	0.1046	2645.59	249.35	74.14	5.09	3060.58
KOV-1-0	68.28	4107.39	128027.86	378791.56	1.03	89.53	77.58	146.43	0.0745	2631.42	183.37	96.8	8.28	2429.13
KOV-0-9	44.54	2090.5	149989.16	378791.38	<0.59	86.1	72.74	30.75	<0.126	2767.97	222.11	15.05	1.69	2704.41
KOV-0-9	44.43	2100.25	151485.06	378791.44	<0.59	86.24	72.75	31.73	<0.126	2771.66	222.77	15.23	1.685	2716.92
KOV-0-6	187.55	3504.45	138111.05	378791.53	0.88	97.36	94.23	90.72	<0.126	2726.27	261.3	66.22	4.42	3316.71
KOV-0-6	187.22	3499.59	142222.78	378791.38	0.89	97.42	94.51	94.21	<0.127	2739.79	262.33	66.78	4.42	3337.91

Table DR6 (Continued)

KOV-06	187.55	3505.28	142062.14	346.43	1287.97	378791.5	0.89	97.51	94.53	94.26	<0.127	2740.4	262.35	66.63	4.43	3336.13
KOV-05	94.91	3946.33	137000.09	349.45	464.46	378791.53	0.97	107.48	102.22	99.2	<0.121	2771.72	229	82.74	6.54	3029.43
KOV-05	94.69	3938.85	140709.98	360.56	1276.13	378791.38	0.98	107.5	102.48	102.61	<0.122	2784.01	229.8	83.45	6.53	3047.62
KOV-05	94.91	3947.19	140639.44	360.69	1015.86	378791.53	0.98	107.64	102.53	102.79	<0.122	2785.06	229.85	83.21	6.55	3045.89
KOV-04	14.12	2989.97	141337.98	373.54	670.76	378791.44	<0.65	87.13	93.01	81.68	<0.114	2612.97	194.45	23.97	3.87	2336.17
KOV-04	113.93	2979.34	142348.31	351.22	589.45	378791.56	<0.65	86.9	93	82.43	<0.114	2604.21	193.44	23.84	3.86	2320.16
KOV-04	113.93	2979.19	141491.77	348.6	506.93	378791.59	<0.65	86.87	92.94	81.75	<0.114	2601.36	193.28	23.81	3.86	2317.31
KOV-03	94.28	3843.15	139725.38	353.03	608.71	378791.47	2.99	106.63	100.78	92.21	<0.120	2801.04	230.65	77.77	5.94	3025.05
KOV-03	94.19	3821.18	140896.38	325.53	506.44	378791.59	3.02	106.16	100.71	93.08	<0.120	2785.84	228.78	77.24	5.92	2996.93
KOV-03	94.18	3820.93	139762.7	322.28	414.9	378791.63	3.02	106.11	100.62	92.05	<0.119	2781.77	228.53	77.11	5.91	2992.01
KOV-02	65.65	2269.7	138748.55	353.9	<2920.86	378791.5	<0.73	79.62	84.54	47.44	<0.117	2688.25	207.2	21.41	2.61	2441.02
KOV-01	823.81	994.69	8.88	224.79	<533.00	378791.5	<0.62	0.0304	385.74	436.94	<0.112	5029.04	19.19	<0.43	0.046	320.83
GL-5	-92.52	<362193.56	<-16965.63	<11092.77	829155.5	85764.13	<3060.20	-28.76	167.45	149614.55	<285.61	<-16.67	<-57.69	<-672.54	<-46.18	-0.37
GL-4	1366.01	32756866	3485.71	<11092.77	829155.5	85764.13	2538.44	30.83	391.55	<1895.47	235.7	62.37	72293.98	192520208	499.75	13.39
GL-3	<4054.13	3243963904	958701.5	7420621.5	<-1034599.44	<683806.81	112125.02	<417.07	<1599.37	<90496.63	<2823.83	2931.16	4490711	11162496048	37463.24	96.11
GL-2	-92.34	<-314469.03	<-15277.12	<-56186.70	1856417	85764.13	<-1557.48	<-59.83	89.53	57914.77	-406.33	<-51.43	<-90.51	<-1118.06	<-49.99	-4.92
GL-1	-766.59	<-780471.88	<-37759.32	<-137480.73	384701.06	85764.13	<-3876.11	<-146.20	881.12	240183.8	80.54	<-98.48	<-208.55	<-2368.33	<-121.10	-19.48
DUR-9	150.64	1668.81	151650.44	378791.53	43.92	88.56	<0.67	43.92	88.56	239.86	<0.100	487.75	611.08	0.77	0.0131	3787.75
DUR-9	154.38	1645.56	152363.03	378791.53	43.82	88.25	<0.61	43.82	88.25	244.24	<0.101	463.33	562.55	0.7	0.0108	3949.49
DUR-9	179.76	1706.27	153132.98	378791.53	28.85	91.5	0.802	28.85	91.5	289.95	0.1856	473.26	512.17	0.883	0.0134	3596.54
DUR-9	159.74	1833.64	134190.84	378791.53	46.55	87.02	1.9	46.55	87.02	235.17	0.1842	498	556.62	1.001	0.0128	3586.6
DUR-9	149.94	1395.99	143692.94	378791.5	23.45	74.12	2.09	23.45	74.12	246.65	0.1384	456.14	517.27	0.918	0.0145	3187.64
DUR-9	149.94	1395.99	143692.94	378791.5	23.45	74.12	2.09	23.45	74.12	246.65	0.1384	456.14	517.27	0.918	0.0145	3187.64
DUR-8	153.36	1733.42	148188.47	712.32	<-451.45	378791.44	<0.72	35.71	92.55	269.67	0.239	487.84	584.14	0.93	<0.029	3833.15
DUR-8	152.27	1876.93	149669.13	378791.47	1.72	89.83	1.72	34.35	89.83	261.19	<0.099	485.39	567.21	0.68	<0.0123	3743.83
DUR-8	155.69	1846.09	149754.27	378791.47	1.57	89.19	1.57	34.21	89.19	263.4	<0.099	460.19	521.27	0.61	<0.0101	3900.08
DUR-8	153.72	1738.5	148587.45	704.1	134227.25	378791.34	<0.72	35.77	92.73	269.31	0.24	488.65	584.49	0.94	<0.029	3841.19
DUR-8	164.85	1541.1	150805.69	378791.53	1.034	87.92	1.034	32.67	87.92	263.18	0.1713	473.38	538.11	1.17	0.0151	3528.61
DUR-8	150.71	1163.17	140059.36	378791.56	0.802	75.27	0.802	24.06	75.27	218.32	0.1408	464.61	521.78	1.011	0.0128	3203.85
DUR-8	274.02	5436.73	137921.06	378791.5	3.9	1321.09	3.9	1321.09	145.63	374.57	17.65	611.58	911.26	15.56	15.15	5465.39
DUR-7-2	178.54	1533.03	152421.63	378791.53	0.864	29.1	0.864	29.1	91.7	287.94	0.1801	477.67	514.01	0.903	0.02	3641.19
DUR-7-1	178.29	1696.64	151773.8	378791.53	0.938	29.12	0.938	29.12	91.85	285.43	0.1962	478.59	519.47	1.729	0.0084	3676.69
DUR-7	159.07	1837.56	147449.48	755.3	<-559.05	378791.41	0.76	37.28	93.67	275.96	<0.138	488.94	567.35	1.27	<0.028	3927.4

Table DR6 (Continued)

DUR-7	152.76	1667.91	149938.78	378791.47	1.32	43.64	88.29	229.22	0.147	490.34	591.22	0.585	0.0263	3722.39
DUR-7	156.09	1640.77	150142.75	378791.47	1.21	43.48	87.63	231.64	0.147	464.89	543.45	0.526	0.0215	3881.36
DUR-7	159.49	1848.19	147799.66	740.06	23658.57	378791.34	0.77	37.35	93.83	274.72	<0.139	489.4	567.89	3940.2
DUR-7	164.58	1402.08	151032.8	378791.53	0.96	32.27	86.43	251.48	0.1781	475.31	546.01	1.241	0.0129	3560.62
DUR-7	125.83	1164.28	139203.03	378791.5	0.713	28.36	53.25	198.17	0.1205	390.66	461.46	0.857	0.011	2994.98
DUR-7	151.22	1476.7	140219.59	378791.56	0.985	23.86	75.6	244.52	0.1457	462.73	527.07	1.024	0.0135	3235.21
DUR-7	260.87	4687.53	139437.98	378791.5	3.49	1244.41	112.76	344.95	17.49	598.08	882.02	15.6	12.07	5271.79
DUR-6	171.24	1959.56	136841.03	378791.5	2.26	43.01	90.26	236.83	0.215	493.32	586.95	2.061	0.0136	3507
DUR-6	151.74	1964.75	147219.95	378791.53	1.01	35.71	90.22	272.9	0.124	488.08	578.99	0.72	<0.0154	3884.71
DUR-6	155.4	1933.7	147618.47	378791.47	0.92	35.56	89.77	276.87	0.124	463.23	531.51	0.65	<0.0126	4036.53
DUR-6	164.96	1916.5	151007.3	378791.5	1.033	32.71	89.55	300.67	0.1834	480.37	555.65	3.89	0.0141	3554.04
DUR-6	164.96	1916.5	151007.3	378791.5	1.033	32.71	89.55	300.67	0.1834	480.37	555.65	3.89	0.0141	3554.04
DUR-6	175.73	1913.94	134491.25	378791.47	2.06	42.91	89.89	241.44	0.2156	466.71	533.28	1.834	0.011	3612.73
DUR-6	127.23	753.58	140026.73	378791.53	0.661	27.5	54.54	177.66	0.1357	392.55	462.05	60.71	0.0086	2955.34
DUR-6	153.84	1175.77	140488.48	378791.53	0.95	24.09	75.87	229.61	0.1494	465.62	532.08	0.998	0.0117	3255.34
DUR-6	165	1917.86	151233.8	378791.44	1.034	32.75	89.65	302.02	0.1838	480.55	556.32	3.9	0.0142	3560.67
DUR-6	127.43	753.7	139902.08	378791.5	0.661	27.49	54.59	177.22	0.1359	392.66	461.23	60.66	0.0085	2947.89
DUR-6	153.93	1176.24	140711.67	378791.56	0.949	24.09	75.93	229.15	0.1497	465.83	531.38	0.991	0.0117	3252.85
DUR-5	162.57	1951.37	136809.56	378791.5	2.13	47.02	89.8	231.61	0.2062	502.33	560.3	1.006	0.0121	3526.06
DUR-5	147.91	1767.61	146466.89	378791.53	<0.74	44.46	86.01	255.72	0.156	492.22	613.19	0.83	0.0108	3801.88
DUR-5	151.52	1739.5	147053.41	378791.47	<0.67	44.28	87.64	260.12	0.16	468.02	562.47	0.76	0.0087	3946.14
DUR-5	164.92	1516.21	152289.14	378791.5	0.845	33.61	90.46	278.1	0.2018	481.61	554.93	1.114	0.0154	3621.48
DUR-5	164.92	1516.21	152289.14	378791.5	0.845	33.61	90.46	278.1	0.2018	481.61	554.93	1.114	0.0154	3621.48
DUR-5	167.15	1904.75	134373.02	378791.47	1.94	46.83	89.51	235.16	0.2062	474.88	508.5	0.894	0.0099	3619.85
DUR-5	127.47	1135.78	139232.95	378791.53	0.914	29.53	54.6	206.49	0.1337	405.09	445.42	2.86	0.0082	3019.65
DUR-5	153.71	1482.28	139806.47	378791.56	0.894	24.02	76.23	251.63	0.1534	463.73	530.31	0.899	0.0167	3233.72
DUR-5	165.01	1517.86	152726.16	378791.44	0.846	33.66	90.63	281.1	0.2025	481.89	555.99	1.116	0.0155	3631.79
DUR-5	127.8	1135.93	139018.84	378791.5	0.913	29.52	54.68	205.35	0.1341	405.22	443.95	2.85	0.0082	3005.97
DUR-5	153.77	1477.48	140179.09	378791.53	0.889	24.03	76.32	250.6	0.1538	463.9	529.62	0.898	0.0167	3230.55
DUR-4	160.39	1656.12	135205.19	378791.47	2.85	51.02	91.86	258.19	0.2123	517.66	567.87	1.096	0.0135	3648.9
DUR-4	149.58	2010.65	145147.92	378791.41	1.64	35.9	90.27	303.29	<0.095	491.77	576.4	0.76	0.011	3875.49
DUR-4	149.53	2006.83	144624.98	378791.5	1.64	35.84	90.22	304.26	<0.095	491.44	576.6	0.76	0.0109	3867.69
DUR-4	282.26	1651.36	323620.78	378791.44	1.044	30.85	93.1	264.42	0.2157	508.55	577.94	1.143	0.0183	3591.35

Table DR6 (Continued)

DUR-4	164.79	1668.44	150462.47	378791.41	1.145	33.13	90.21	268.49	0.204	486.94	574.47	1.262	0.0171	3598.5
DUR-4	164.99	1667.55	149650.19	378791.53	1.143	33.06	90.28	262.96	0.2032	486.65	573.24	1.261	0.0168	3578.2
DUR-4	164.99	1667.55	149650.19	378791.53	1.143	33.06	90.28	262.96	0.2032	486.65	573.24	1.261	0.0168	3578.2
DUR-4	155.76	1409.48	137643.14	378791.53	0.942	24.46	77.13	256.63	0.1543	469.58	524.85	2.44	0.0123	3272.03
DUR-4	129.92	1761.61	139343.11	378791.5	0.704	28.87	55.35	243.9	0.1478	399.59	458.94	1.252	0.0118	2974
DUR-4	155.81	1405.87	137411.19	378791.63	0.94	24.39	77.13	259.91	0.1539	469.6	525.45	2.446	0.0123	3270.91
DUR-4	283.32	1644.11	324295.41	378791.5	1.049	30.86	93.19	262.95	0.2165	508.32	577.39	1.136	0.0182	3585.72
DUR-3	157.49	1068.05	135469.77	378791.44	2.59	45	90.39	240.01	0.2335	503.49	580.13	1.282	0.0121	3512.84
DUR-3	141.79	1879.12	143754.34	378791.41	2.06	44.39	87.72	281.4	0.155	488.59	569.52	1.39	<0.0124	3556.07
DUR-3	141.79	1873.28	142559.67	378791.5	2.06	44.26	87.66	280.45	0.155	488.13	569.95	1.39	<0.0124	3542.82
DUR-3	171.57	1303.81	305565.91	378791.44	1.034	30.86	93.21	242.1	0.2165	512.29	578.25	1.304	0.0159	3598.68
DUR-3	167.64	1072.12	150460.36	378791.41	0.994	33.1	91.42	260.63	0.1991	487.94	559.88	1.225	0.0172	3715.44
DUR-3	168.21	1070.09	149137.22	378791.53	0.992	32.97	91.55	253.69	0.1983	487.6	558.07	1.221	0.0171	3679.19
DUR-3	168.21	1070.09	149137.22	378791.53	0.992	32.97	91.55	253.69	0.1983	487.6	558.07	1.221	0.0171	3679.19
DUR-3	123.7	2315.96	139597.48	378791.5	0.965	31.23	55.51	235.54	0.1365	409.66	454.6	0.862	0.012	3129.62
DUR-3	154.74	1441.08	137016.39	378791.59	0.959	24.39	77.08	272.57	0.1529	470.12	525.26	1.031	0.0138	3283.2
DUR-3	171.68	1303.3	344150.75	378791.5	1.034	30.85	93.26	239.59	0.2165	511.86	577.1	1.302	0.0159	3588.83
DUR-22	150.19	1315.3	137132.84	378791.5	1.16	34.8	78.38	226.61	0.1796	437.86	524.36	0.875	0.0259	3360.01
DUR-21	146.86	1682.69	137551.47	378791.5	1.199	35.4	78.85	250.94	0.167	439.42	517.93	0.962	0.0129	3348.22
DUR-20	146.89	1728.18	138417.95	378791.59	1.24	37.11	80.94	257.38	0.1762	466.12	578.86	0.98	0.0172	3321.01
DUR-20	147.34	1724.07	137899.16	378791.47	1.24	37.21	80.86	256.21	0.176	465.43	576.87	0.979	0.0171	3324.46
DUR-20	149.87	1698.02	138730.59	378791.5	1.133	37.01	80.27	259.09	0.177	441.33	530.81	0.882	0.0141	3464.22
DUR-2	149.9	2039.09	149571.95	378791.41	1.28	37.87	90.57	336.15	0.163	489.25	566.6	0.94	0.0159	3969.53
DUR-2	154.83	1541.11	146178.41	378791.53	<0.43	32.25	90.4	285.33	0.199	507.41	555.33	0.95	<0.0181	3596.96
DUR-2	166.68	<82.61	134746.78	378791.5	1.76	31.34	94.21	208.18	0.2248	513.52	576.19	1.276	0.0224	3540.62
DUR-2	159.72	1005.23	150729.08	378791.41	1.6	34.35	91.3	292.19	0.2511	480.69	550.82	1.431	0.0186	3485.7
DUR-2	148.76	1138.45	136291.58	378791.59	0.85	24.5	76.62	217.5	0.164	468.94	519.64	0.916	0.0181	3168.65
DUR-19	145	1496.42	138741.52	378791.63	<0.40	34.76	80.56	239.05	0.1608	460.51	543.57	1.259	0.0134	3137.19
DUR-19	145.74	1493.36	137905.41	378791.41	<0.40	34.93	80.45	237.69	0.1612	459.39	540.72	1.26	0.0135	3141.77
DUR-19	147.67	1468.56	139193.33	378791.5	<0.37	34.68	79.78	241.35	0.1616	435.59	497.96	1.134	0.011	3277.8
DUR-18	150.98	1628.38	158969.11	378791.53	1.51	31.96	88.08	245.02	<0.115	491.25	589.31	0.78	0.0195	4008.17
DUR-18	149.34	1440.5	156164.7	378791.56	<0.76	44.59	90.23	256.45	<0.135	488.43	601.47	0.76	<0.0247	3747.73

Table DR6 (Continued)

DUR-18	150.13	1663.76	135964.92	3564.11	378791.56	1.59	29.34	83.98	259.43	0.1826	466.5	550.7	1.109	0.0115	3324.28
DUR-18	155.37	1444.74	139320.59	2337.99	378791.75	1.51	26.98	81.77	236.92	0.1648	475.38	550.86	1.032	0.0146	3321.39
DUR-18	166.17	1489.54	131951.92	1992.84	378791.44	1.6	27.53	81.88	236.15	0.168	473.54	529.13	0.958	0.0142	3269.65
DUR-17	149.82	1683.78	156415.88	1584.588	378791.53	0.96	31.64	87.57	253.67	<0.108	490.05	590.42	0.76	<0.0168	3990.12
DUR-17	154.45	1660.84	156184.72	587.95	378791.53	<0.76	43.37	89.81	248.14	0.157	482.07	585.01	0.79	0.0391	3638.26
DUR-17	152.43	2001.95	136373.45	3580.32	378791.53	1.45	30.07	84.61	270.95	0.1751	469.61	558.38	1.119	0.0135	3440.72
DUR-17	156.56	2031.8	138342.7	2719.24	378791.75	1.43	30.91	85.64	281.64	0.179	468.28	545.86	1.208	0.0176	3509.74
DUR-17	168.93	1988.57	130927.3	2272.63	378791.44	1.49	31.81	86.11	272.95	0.1782	466.92	523.57	1.129	0.0174	3484.97
DUR-16	155.44	1625.87	151818.61	1518.861	378791.47	<0.64	31.7	86.84	244.65	0.12	465.4	527.59	0.64	<0.0071	4123.52
DUR-16	151.74	1650.65	150534.3	1505.343	378791.56	<0.70	31.81	87.28	240.9	0.12	490.54	573.54	0.71	<0.0086	3960.39
DUR-16	151.7	1680.18	148741.98	613.53	378791.44	<0.74	33.28	90.95	254.82	<0.132	475.38	562	0.59	<0.0205	3662.86
DUR-16	151.84	1680.36	148604.27	616.64	378791.56	<0.74	33.29	91	255.43	<0.132	475.45	563.07	0.59	<0.0206	3670.58
DUR-15	155.12	1650.15	153933.95	1539.3395	378791.44	0.75	31.8	86.73	248.72	<0.104	465.89	529.25	0.6	<0.0188	4099.61
DUR-15	151.34	1674.29	152057.27	1520.5727	378791.53	0.82	31.89	87.13	244.17	<0.104	490.94	575.01	0.67	<0.0228	3935.94
DUR-15	147.08	1361	149718.28	619.21	378791.41	0.85	47.93	89.92	252.08	<0.138	482.37	572.45	1.2	<0.029	3498.09
DUR-15	147.32	1361.41	149357.59	622.5	378791.53	0.85	47.95	90	252.65	<0.138	482.48	574.18	1.21	<0.029	3510.4
DUR-14	152.77	1665.23	156920.14	1569.2014	378791.47	0.82	32.46	87.89	248.1	<0.109	493.63	572.77	0.84	0.0397	3982.09
DUR-14	156.38	1638.29	157877.39	1578.7739	378791.5	0.75	32.34	87.38	251.65	<0.109	468.15	526.7	0.753	0.0326	4146.14
DUR-14	156.46	1675.94	146281.88	612.45	378791.34	0.85	47.17	89.7	241.93	0.175	485.41	567.98	<0.55	<0.029	3759.25
DUR-14	156.52	1675.37	146248.14	603.8	378791.41	0.85	47.16	89.67	240.34	0.175	484.72	567.93	<0.55	<0.029	3759
DUR-14	158.05	1785.38	134667.11	2726.73	378791.56	1.4	30.67	85.97	270.73	0.1893	449.29	519.45	1.038	0.0095	3654.3
DUR-14	154.48	1795.49	134988.98	2109.09	378791.59	1.53	30.57	86.52	264.51	0.1865	467.95	555.97	1.149	0.0114	3421.68
DUR-14	169.27	1336.76	148032.27	1480.3227	378791.53	0.933	27.99	87.91	248.65	0.175	491.09	554.19	1.12	0.0144	3438.98
DUR-13	152.41	1880.06	155956.8	1559.568	378791.47	<0.70	36	90.76	269.75	<0.105	482.98	578.51	0.7	<0.0191	4107.29
DUR-13	156.02	1849.87	157379.61	1573.7961	378791.5	<0.64	35.88	90.25	274.3	<0.106	458.09	532.15	0.626	<0.0157	4277.92
DUR-13	150.88	1507.51	147249.41	683.25	378791.34	1.48	43.65	90.11	246.99	<0.131	487.35	612.17	1.06	<0.029	3720.53
DUR-13	151.01	1506.87	147351.42	668.23	378791.41	1.48	43.64	90.08	244.61	<0.131	486.27	612.14	1.06	<0.029	3720.15
DUR-13	160.64	1631	135078.52	2719.41	378791.53	1.75	32.17	86.81	266.48	0.187	453.9	513.08	0.998	0.0152	3765.63
DUR-13	156.99	1639	135327.44	2042.18	378791.56	1.91	32.04	87.37	259.78	0.1841	472.41	548.77	1.104	0.0183	3521.49
DUR-13	169.47	1496.23	147455.56	147.45556	378791.56	0.805	28.16	87.93	255.77	0.1744	492.84	550.28	0.995	0.0164	3421.42
DUR-12	152.55	1750.2	153093.09	1530.9309	378791.47	<0.75	32.69	88.18	252.63	0.172	491.39	580.14	0.83	0.0156	3932.94
DUR-12	156.09	1721.63	153346.48	1533.4648	378791.56	<0.68	32.55	87.63	255.16	0.172	466.02	533.67	0.746	0.0128	4092.31
DUR-12	150.26	1608.09	147210.63	529.62	378791.44	<0.80	37.66	90.56	241.22	<0.141	477.8	572.92	0.8	<0.036	3555.17

Table DR6 (Continued)

DUR-12	150.45	1609.53	150234.8	620.17	<-449.55	378791.47	<0.79	37.63	90.66	255.16	<0.141	479.64	572.21	0.8	<0.036	3561.4
DUR-12	170.71	1659.28	151338.94			378791.5	0.874	28.56	89.3	276.59	0.1767	484.9	530.96	0.998	0.0144	3263.83
DUR-11	148.85	1420.14	152655.58			378791.44	0.68	44	88.35	232.77	<0.104	484.81	609.52	0.76	0.0138	3844.48
DUR-11	152.3	1397.19	153117.16			378791.53	0.62	43.83	87.82	235.52	<0.105	459.81	560.99	0.68	0.0113	4001.54
DUR-11	157.15	1751.14	146326.78	586.37	2133.23	378791.44	1.22	36.16	93.38	256.9	<0.136	478.11	568.58	1.13	<0.036	3904.03
DUR-11	157.1	1752.43	149120.7	692.82	<-368.12	378791.47	1.21	36.12	93.36	272.18	<0.136	480.21	568.06	1.15	<0.036	3906.63
DUR-11	175.83	1419.24	152217.63			378791.5	0.944	28.97	90.9	261.04	0.1824	498.04	553.33	0.969	0.013	3468.89
DUR-10	150.02	1701.81	152591.28			378791.53	0.73	43.69	87.97	240.39	0.105	482.81	602.63	0.6	<0.0182	3757.84
DUR-10	153.74	1677.88	153185.5			378791.53	0.67	43.58	87.62	244.46	0.106	458.67	554.53	0.542	<0.0150	3917.01
DUR-10	154.29	1817.2	150258.55	712.92	<80.90	378791.44	<0.79	35.63	92.51	271.96	0.229	486.48	585.65	1.1	0.0285	3830.88
DUR-10	153.65	1822.25	152118.55	907.13	<-18.60	378791.47	<0.78	35.66	92.57	283.63	0.228	486.89	587.4	1.11	0.0284	3842.55
DUR-10	178	1641.65	151459.45			378791.53	0.817	28.78	90.62	290.05	0.1911	473.09	509.81	0.852	0.0104	3589.74
DUR-10	161.43	2122.71	134907.95			378791.56	1.91	47.1	86.93	251.94	0.183	498.55	548.27	0.937	0.0119	3550.15
DUR-10	149.63	1473.11	142352.05			378791.5	0.778	23.66	74.05	254.21	0.1483	459	525.24	1.018	0.0129	3203.82
DUR-10	143.36	1606.28	149006.3			378791.41	1.25	45.14	87.2	297.2	<0.095	491.19	609.12	0.99	0.0142	3711.29
DUR-1	152.13	1827.08	145099.66	820.39	<-44.75	378791.53	0.54	35.1	93.83	297.34	0.155	497.3	567.85	0.79	<0.0235	3593.7
DUR-1	165.2	1356.39	130402.84			378791.5	1.83	31.51	94.78	255.07	0.251	512.31	575.11	1.331	0.0238	3491.75
DUR-1	159.3	<89.31	151672.86			378791.41	1.77	35.15	92.27	257.09	0.237	483.78	548.85	4.24	0.0262	3550.05
DUR-1	158.08	1347.1	137454.28			378791.59	2.12	25.5	81.71	257.52	0.174	488.22	507.21	1.43	0.0178	3172.3
DUR-09	158.7	1757.87	149449.72	752.14	<-77.02	378791.41	0.77	36.11	92.96	284.2	<0.137	477.86	555.13	0.85	<0.030	3855.81
DUR-09	158.13	1763.86	151179.7	941.98	<-19.30	378791.44	0.77	36.15	93.01	295.33	<0.137	478.34	556.79	0.85	<0.030	3869.58
DUR-06	153.27	1798.27	139468.13	669.45	3227.5	378791.53	0.77	35.26	91.31	261.9	<0.133	477.73	574.91	0.84	<0.034	3763.28
DUR-06	153.16	1797.59	144373.02	698.38	11073.85	378791.34	0.78	35.31	91.65	274.09	<0.134	480.6	577.63	0.85	<0.034	3790.23
DUR-06	153.27	1798.75	144028.45	695.82	8998.82	378791.5	0.78	35.32	91.64	273.53	<0.134	480.55	577.54	0.85	<0.034	3788.46
DUR-05	155.38	1545.22	138826.83	660.06	3170.65	378791.53	1.19	35.78	90.89	248.65	<0.129	474.93	558.05	1.04	<0.037	3715.31
DUR-05	155.19	1543.86	143334.2	666.07	10066.7	378791.34	1.2	35.82	91.2	259.21	<0.130	477.54	560.46	1.05	<0.037	3740.49
DUR-05	155.39	1545.61	143082.25	684.47	8117.09	378791.5	1.2	35.84	91.21	259.01	<0.130	477.57	560.44	1.05	<0.037	3738.61
DUR-04	155.25	1677.75	141293.16	652.48	3857.94	378791.47	<0.74	36.97	92.61	268.27	<0.136	482.11	550.49	0.78	<0.029	3773.6
DUR-04	155.06	1670.71	141735.47	638.4	3783.16	378791.59	<0.76	36.89	92.46	269.15	<0.136	480.93	549.23	0.79	<0.029	3762.05
DUR-04	155.06	1670.69	141458.16	636.87	3592.42	378791.59	<0.76	36.88	92.44	268.45	<0.136	480.76	549.08	0.79	<0.029	3760.55
DUR-03	154.97	1836.69	141057.73	720.59	4454.3	378791.47	<0.71	35.02	90.69	270.5	<0.135	482.95	555.41	0.59	<0.024	3640.8
DUR-03	154.93	1827.58	141874.27	690.17	4145.65	378791.56	<0.72	34.94	90.74	272.45	<0.135	482.18	553.28	0.62	<0.024	3624.92

Table DR6 (Continued)

DRU-03	154.93	1827.52	141308.59	686.78	3745.08	378791.56	<0.72	34.93	90.7	270.97	<0.135	481.83	552.98	0.62	<0.024	3621.98
DRU-02	149.32	1582.13	140330.66	892.75	34183.17	378791.5	<0.76	45.27	91.09	255.76	0.187	503.44	625.7	0.9	<0.026	3656.66
DRU-8	165.05	1769.94	135486.86			378791.56	2.03	47.68	89.61	237.61	0.1767	508.82	552.23	1.171	0.0143	3586.38
DRU-7	166.86	1756.51	135402.58			378791.47	1.8	48.64	88.87	249.01	0.1991	481.19	515.66	1.127	0.0127	3804.46
DRU-7	164.46	1793.68	136451.98			378791.53	1.96	48.43	89.92	241.03	0.199	509.34	559.61	1.255	0.0154	3624.77
DRU-16	155.48	1625.69	135575.59			378791.53	1.5	30.3	84.47	252.31	0.1811	447.75	518.89	1.051	0.0103	3634.47
DRU-15	157.92	1687.16	135392.77			378791.56	1.23	31.34	85.03	263.62	0.1959	447.85	510.18	0.961	0.0113	3715.49
BCR-9	21486.03	272215.41	1278.11			50886.71	13413.16	428.56	1532.13	116957.6	47.89	319.4	28.59	162.61	11.09	24.14
BCR-9	20965.03	272567.63	1283.05			50886.71	15694.13	404.69	1508.5	106560.74	41.05	314.69	30.33	188.88	12.55	21.53
BCR-9	20965.03	272567.63	1283.05			50886.71	15694.13	404.69	1508.5	106560.74	41.05	314.69	30.33	188.88	12.55	21.53
BCR-8	22156.42	269985.13	1249.79			50886.71	14595.88	437.35	1567.21	111259.33	50.2	334.24	31.98	176.5	14.13	23.32
BCR-7	22886.34	272776.56	1192.61			50886.7	13390.18	439.02	1576.34	110270.56	48.81	320.07	29.38	160.16	11.36	24.81
BCR-7	20729.54	269483.91	1248.47			50886.71	15059.13	406.38	1502.78	104829.66	44.42	328.12	30.37	184.9	12.65	21.89
BCR-7	21109.65	269002.97	1235.29			50886.71	15471.3	416.98	1532.01	103609.73	40.59	330.68	30.36	183.87	12.66	21.63
BCR-7	<0.11	<696.27	949.93			50886.71	<2.44	<0.67	11728.58	<114.43	<3.22	1517.32	<0.02	<0.80	<9.22	<0.02
BCR-6	22652.49	280821.56	1295.81			50886.7	15017.88	446.52	1600.92	113803.77	50.94	341.06	32.01	181.37	14.49	24.25
BCR-6	21961.39	275825.22	1278.59			50886.71	14639.61	437.98	1558.65	108506.83	50.06	339.91	33.06	184.68	13.72	23.71
BCR-6	20866.32	273553.13	1268.35			50886.71	14683.8	419.88	1521.23	110633.74	47.8	334.75	31.08	182.79	13.38	23.08
BCR-5	22620.5	274752.81	1254.74			50886.71	13813.86	442.82	1577.58	109620.77	50.13	320.6	29.29	165.26	11.96	24.89
BCR-5	22050.68	273330.84	1187.9			50886.7	14684.22	429.43	1563.25	108830.84	48.86	335.08	32.9	184.93	14.05	23.79
BCR-5	21004.41	274846.31	1281.33			50886.7	15174.95	419.89	1535.44	119344.27	45.53	338.01	31.24	187.62	13.12	22.45
BCR-5	21004.41	274846.31	1281.33			50886.7	15174.95	419.89	1535.44	119344.27	45.53	338.01	31.24	187.62	13.12	22.45
BCR-5	20858.92	265207.22	1226.22			50886.71	15353.85	407.6	1510.39	101774.77	40.31	329.06	30.68	188.23	12.65	21.57
BCR-5	156257.13	2045069.88	9513.19			378791.44	112909.95	3124.2	11418.29	875874.44	338.48	2515.58	232.34	1395.31	97.55	166.92
BCR-5	20849.24	265151.69	1224.6			50886.71	15349.54	407.46	1509.37	102083.81	40.28	328.98	30.7	188.34	12.65	21.59
BCR-4	21899.88	277621.63	1243.48			50886.71	14792.95	441.49	1580.89	109991.59	50.37	336.89	31.87	179.79	14.15	23.67
BCR-4	21948.56	273239.25	1162.93			50886.69	14822.12	430.42	1575.75	110102.73	49.05	341.78	32.86	192.28	13.99	24.2
BCR-4	22647.71	266833.41	1237.15			50886.7	17719.47	375.53	1509.57	110923.2	32.46	284.47	26.08	192.02	10.87	18.03
BCR-4	20845.63	277379.63	1250.78			50886.7	14588.68	425.93	1539.62	109096.95	48.65	336.48	31.18	180.53	13.62	23.21
BCR-3	22409.29	274676.97	1245.61			50886.7	13591.15	437.14	1571.27	108393.29	51	320.21	29.91	164.22	11.67	24.74
BCR-3	22419.54	280469.19	1265.39			50886.71	15079.88	439.06	1572.93	119010.73	50.51	339.02	32.18	185.37	14.15	24.23
BCR-3	21580.28	277624.84	1259.4			50886.7	14929.32	437.02	1583.39	116947.2	50.59	336.95	32.96	180.36	14.3	24.05
BCR-3	20705.94	271561.22	1260.19			50886.7	14844.44	413.74	1514.57	114914.84	46.1	335.3	30.93	184.35	12.97	22.46

Table DR6 (Continued)

BCR-3	20661.13	271943.66	1265.23			50886.71	14866.37	414.8	1513.27	115736.88	46.25	335.56	30.98	184.9	13.02	22.61
BCR-3	20661.13	271943.66	1265.23			50886.71	14866.37	414.8	1513.27	115736.88	46.25	335.56	30.98	184.9	13.02	22.61
BCR-3	22632.85	270336.53	1268.43			51029.65	17509.77	372.4	1516.08	114824.88	33.19	275.28	25.59	187.09	10.74	17.86
BCR-3	22637.54	269635.88	1266.21			50886.71	17470.62	371.55	1510.88	115264.63	33.02	274.56	25.59	186.8	10.73	17.88
BCR-2	20584.27	270050.13	1271.2			50886.7	14822.67	408.76	1518.26	107731.52	47.57	340.65	31.65	183.38	13.2	22.73
BCR-2	21683.13	280980.69	1265.43			50886.71	14671.98	438.88	1582.18	111815.85	50.6	339.03	31.94	181.85	14.11	23.66
BCR-2	20744.43	273019.19	3353.77			50886.7	14445.8	426.75	1541.51	111205.69	48.75	337.5	31.25	180.08	13.39	23.16
BCR-2	21108.18	268549.78	1278.45			50886.7	13409.3	411.01	1514.84	112379.87	48.22	323.02	29.08	165.82	10.95	23.82
BCR-2	22056.7	269826.5	1285.49			51029.65	17435.3	377.12	1509.24	131279.17	32.99	286.56	26.59	195.5	10.76	18.38
BCR-2	20836.01	276671.53	1296.98			50886.71	14639.34	410.54	1537.35	109021.24	48.56	341.69	31.66	184.72	13.4	22.77
BCR-2	20747.76	273406.34	2355.47			50886.71	14455.97	427.28	1542.4	111486.17	48.81	337.71	31.28	180.28	13.41	23.22
BCR-18	21339.77	270955.78	1266.58			50886.71	14586.32	412.19	1502.5	104798.45	44.96	311.86	26.92	169.7	10.28	22.29
BCR-17	20513.73	274633.38	1275.38			50886.7	15674.5	411.09	1504.51	106941.66	44.71	329.55	29.74	189.44	12.7	21.52
BCR-16	20845.78	274673.09	1279.35			50886.73	15721.45	418.45	1517.2	106011.77	45.4	332.67	30.09	186.2	12.73	21.75
BCR-15	20945.08	268558.69	1263.14			520.03	14249.73	409.86	1497.69	103767.04	46.49	319.13	28.97	175.07	10.7	23.47
BCR-15	20393.8	272618.41	1262.65			50886.71	15591.32	413.4	1504.5	102675.58	46.42	336.8	31.16	191.18	13.01	22.4
BCR-13	21182.13	275474.72	1263.94			50886.72	14894.07	425.3	1544.78	106352.5	47.06	335.63	30.56	181.56	13.18	22.51
BCR-1	20214.18	267157.78	1232.15			50886.7	13785.72	407.74	1527.41	122766.36	48.56	348.85	33.24	191.71	13.77	23.55
BCR-1	21345.47	290147.31	1359.66			50886.7	14942.79	449.48	1611.76	135813.31	52.19	340.08	32.39	180.75	14.16	24.38
BCR-1	291.26	204977.67	217.18			51029.65	317.72	270.5	285.65	327.63	269.18	327.48	301.17	297.93	308.97	252.18
BCR-1	20677.98	264705.47	1339.62			50886.71	14208.49	418.81	1530.18	120233.98	49.06	340.84	32.51	184.27	13.58	24.16
BCR-1	20931.38	266549.78	1214.56			50886.72	15082.69	410.51	1539.33	109203.8	41.36	336.28	31.1	186.17	12.84	21.52
BCR-1	21090.26	256014.33	1188.91			50886.72	14856.12	396.89	1538.58	110498.41	40.02	337.95	31.22	188.2	12.73	21.25
BCR-02	21496.27	281791.09	1228.66			51029.64	15163.32	438.69	1580.17	106989.1	50.01	339.17	33	188.01	13.91	24.06
BCR-02	21502.57	281830.78	1228.69			51029.66	15153.53	439.15	1580.19	107112.29	50.04	340.2	33.13	188.57	13.93	24.22
BCR-02	21502.59	281840.47	1233.78			51029.66	15172.77	439.26	1580.93	107725.52	50.08	340.46	33.15	188.74	13.93	24.24
BCR-01	21501.88	283087.81	1242.22			51029.65	14856.03	438.01	1589.66	111097.58	51.11	342.79	33.04	192.31	14.34	24.5
BCR	154986.81	2051319.25	9913.33			378791.44	109504.29	3135.31	11446.62	1037502.94	354.18	2538.65	233.15	2454.39	99.54	167.96
91500-2	396000.06	93164388352	<2488777.25			<3412673.75	3186530.5	14117.87	<22516.00	<2452765.25	99240.48	120644.37	78666328	3.16735E+11	1638334.13	<1435.57
91500-1	<900.22	<1205878.88	<54768.39			85764.1	<9453.59	-29.05	1143.31	86912.19	-720.42	<85.91	<109.42	<1667.42	<94.95	-46.21
91500-1	2644.82	759095360	196735.48			1820498	25645.54	133.59	<383.30	<22524.89	<698.84	744.36	690635.06	2664398080	6038.84	<43.48
91500-04	21.51	<345250.75	<18334.51			15160052	71470.09	<3492.11	-68.86	-249.54	53848.63	-159.93	<95.04	<2382.55	<88.37	-6.83
91500-03	<272.55	<157474.81	<7935.02			387186.94	71470.09	<1427.61	<29.56	-107.58	65319.06	-169.29	<40.11	<90.13	<49.30	2.41

Table DR6 (Continued)

91500-02	66.87	<-426944.88	<-20761.66	<-119780.73	<346306.59	71470.09	<-4156.20	<-72.31	763.66	201725.16	-252.42	<-88.09	<-202.87	<-2467.09	<-103.96	-8.97
91500-01	<-1434.30	<-113268.38	<-51781.57	<-343650.56	8138866.5	71470.09	<-11526.47	<-167.52	1839.54	579195.06	<-1100.50	<-146.16	<-455.38	<-7039.26	<-244.47	91.97
91500-01	<-713.89	<-696230.19	<-33345.34			85764.09	<-6145.18	<-124.91	418.32	377826.81	<-594.59	<-48.80	<-106.08	<-1467.01	<-123.16	25.76
91500-01	24096.88	7810355712	<-347400.72			378791.41	302059.94	1126.44	<2665.47	<280612.53	7717.91	10714.5	6761955	28720533504	183962.59	<126.23
610-9	453.98	332125.69	333.59			81905.45	475.24	443.67	434.58	440.81	430.72	523.93	487.84	486.57	511.36	437.28
610-9	464.46	326553.19	333.97			81833.27	433.04	441.63	431.92	446.54	431.9	496.55	448.41	437.41	419.28	455.13
610-9	466.77	327859.91	340.86			81833.27	430.76	441.42	434.5	457.12	431.01	497.68	450.05	438.56	419.34	456.06
610-9	454.87	334279.22	343.78			81905.45	476.71	443.11	436.79	479.32	428.79	524.4	491.6	490.39	512.05	439.87
610-9	<-0.15	<-745.87	248.09			81905.45	<-2.53	<-0.86	2443.69	17070.61	<-3.33	2009.47	<-0.04	<-1.63	<-8.74	<-0.03
610-9	454.79	334844.03	341.5			81905.45	475.83	444.46	436.43	441.05	429.6	521.51	485.78	486.95	509.71	435.33
610-9	454.79	334844.03	341.5			81905.45	475.83	444.46	436.43	441.05	429.6	521.51	485.78	486.95	509.71	435.33
610-9	454.79	334844.03	341.5			81905.45	475.83	444.46	436.43	441.05	429.6	521.51	485.78	486.95	509.71	435.33
610-8	456.87	335211.09	348.21			81905.42	479.64	446.17	437.71	458.3	433.39	525.99	489.13	490.29	512.79	440.35
610-8	456.51	337179.91	353.05			81905.44	480.94	446.92	439.98	475.34	434.58	529.88	494.57	491.78	516.43	443.58
610-8	466.96	331281.19	351.87			81833.25	438.43	444.48	436.86	477.98	435.62	501.79	453.83	441.17	422.86	460.66
610-8	456.45	334656.38	348.35			81905.41	480.43	445.85	437.29	459.71	433.1	525.73	489.1	490	512.49	440.11
610-8	2144.87	1523180.38	1576.1			378791.47	2013.96	2066.68	2004.51	2179.41	2007.21	2300.13	2083.38	2022.08	1941.81	2134.86
610-8	453.76	332592.88	344.4			81905.45	472.08	442.66	435.66	438.07	429.49	523.98	485.06	483.52	506.55	433.26
610-8	457.27	334598.22	340.87			81905.45	475.81	446.06	438.8	459.07	433.29	525.26	487.02	487.01	511.49	438.58
610-8	457.62	334226.59	345.55			81905.44	474.75	443.9	437.36	467.71	432.99	525.82	491.17	490.21	511.29	443.03
610-8	2101.64	1536074.38	1573.09			378791.53	2207.75	2047.01	2024.3	2059.86	1981.7	2448.81	2288.04	2275.55	2390.98	2049.87
610-8	841.32	1307354.5	306.05			81905.45	1987.58	1987.63	610.77	686.57	48975.08	713.23	898.27	7086.43	570162.13	737.71
610-8	458.14	335700.03	343.07			81905.44	478.5	446.33	438.92	440.89	433.16	526.74	491.06	490.09	512.97	442.2
610-7	453.05	332829.53	335.51			81905.43	471.98	441.71	434.94	446.57	426.38	523.78	490.8	489.51	511.13	439.46
610-7	453.66	331322.47	332.97			81905.43	471.58	441.38	433.26	434.34	425.89	520.67	485.99	488.5	508.05	436.88
610-7	463.76	325537.69	332.6			81833.25	429.81	439.07	429.97	436.73	426.85	493.19	446.14	438.81	416.13	454.29
610-7	453.65	333478.31	336.67			81905.41	471.92	442.28	435.57	446.92	427.14	524.32	490.86	490	511.54	439.9
610-7	2134.87	1511517	1570.03			378791.47	2015.45	2064.55	1992.31	2136.67	1985.53	2295.23	2090.66	2032.68	1939.08	2140.5
610-7	455.11	333942.72	342.53			81905.45	475.98	443.81	436.37	453.82	429.77	524.95	489.94	489.95	511.88	439.83
610-7	453.4	333641.69	343.77			81905.45	476.1	442.6	434.68	446.46	427.76	524.85	492.09	492.16	512.37	441.04
610-7	452.3	333778.47	339.17			81905.44	477.41	443.95	435.32	436.95	427.22	524	488.53	489.73	512.53	436.76
610-7	2113.87	1547204.88	1582.12			378791.53	2218.75	2080.02	2034.34	2069.12	2008.04	2442.32	2260.8	2240.6	2382.94	2031.96
610-7	799.36	1240352.25	309.24			81905.45	1896.57	18920.67	592.7	680.31	46271.41	695.37	863.19	6764.16	544405.56	709.45
610-7	451.98	332459.41	352.66			81905.44	473.52	441.69	433.92	465.87	426.87	523.29	489.03	489.97	511.12	437.93

Table DR6 (Continued)

610-6	464.33	333645.16	334.5		81905.45	475.75	454.89	444.8	475.93	436.75	531.74	484.06	482.37	508.86	438.62
610-6	452.85	332756.28	350.46		81905.45	473.28	442.04	433.63	468.53	427.43	524.31	489.08	485.9	509.28	438.41
610-6	462.86	327116.63	350.81		81833.24	431.3	439.89	430.45	475.54	428.74	496.49	449	436	417.32	455.92
610-6	452.78	336398.56	342.35		81905.44	476.53	448.19	437.17	439.44	435.2	526.18	491.45	491.31	514.78	443.68
610-6	467.85	330744.5	345.88		81833.24	435.69	444.06	435.65	457.89	434.74	500.58	452.94	441.3	421.78	460.29
610-6	454.66	335301.88	341.72		81905.45	474.82	446.58	437.57	462.89	425.28	527.14	493.21	490.49	515.46	440.91
610-6	454.03	334287.09	341.9		81905.45	476.32	445	437.4	448.1	431.08	525.08	489.94	490.51	512.29	439.5
610-6	452.63	336386.59	341.93		81905.44	476.5	448.24	437.04	435.95	435.19	526.18	491.34	491.22	514.6	443.64
610-6	454.46	335385.81	341.86		81905.45	474.88	446.71	437.51	464.57	424.87	527.26	493.84	490.79	515.79	441.57
610-6	453.91	334258.75	341.71		81905.45	476.24	444.93	437.3	448.74	430.99	525.03	490.08	490.63	512.37	439.62
610-5	452.32	333934.81	345.26		81905.45	477.17	440.16	433.64	446.12	427.46	522.69	491.92	492.47	512.61	440.25
610-5	457.47	335400.25	333.5		81905.45	478.76	446.12	439.44	435.81	432.67	525.78	491.05	494.44	514.89	441.61
610-5	467.7	329596.59	334.66		81833.25	436.74	443.53	436.19	440.74	433.53	498.43	450.9	443.7	421.52	458.93
610-5	450.01	331506.63	350.79	735.34	81905.45	472.75	440.89	432.45	483.45	428.51	522.99	489.01	489.91	510.39	442.19
610-5	457.24	331838.63	343	< 83.84	81905.44	475.39	439.95	435.63	470.63	424.91	523.82	488.54	488.62	509.24	436.36
610-5	457.24	331838.63	343		81905.44	475.39	439.95	435.63	470.63	424.91	523.82	488.54	488.62	509.24	436.36
610-5	462.9	326078.47	339.29		81833.24	432.4	439.49	431.1	456.36	427.71	494.42	447.05	438.57	417.16	454.69
610-5	455.39	332799.25	343.38		81905.45	477.14	441.53	435.26	443.08	434.97	522.85	486.72	489.32	508.58	438.95
610-5	456.08	333825.88	343.06		81905.45	475.81	443.07	435.45	457.7	428.93	524.93	490.05	489.46	511.71	440.43
610-5	457.22	331950.94	343.04		81905.44	475.54	440.24	435.81	469.8	425.41	523.92	488.78	488.88	509.65	436.74
610-5	455.65	332856.31	343.3		81905.45	476.98	441.55	435.43	443.34	435.07	522.99	486.6	489.29	508.54	438.73
610-5	456.06	333845.63	343.29		81905.45	475.77	443.11	435.54	457.45	429.05	524.97	489.92	489.4	511.65	440.37
610-4	448.83	338362.44	348.51		81905.43	458.44	450.45	437.07	419.58	435.79	526.53	492.61	493.33	519.93	443.64
610-4	452.25	334410.09	348.91		81905.42	478.75	443.37	435.41	484.52	431.56	524.04	488.82	489.36	512.27	441.1
610-4	451.75	334582.81	350.94		81905.45	478.74	443.5	435.26	492.39	431.71	523.96	488.57	489.23	512.32	441.71
610-4	460.26	336707.31	334.06	374.15	81905.46	479.35	447.25	440.55	424.25	431.53	527.07	491.02	490.09	513.65	437.82
610-4	454.3	333593.44	<29.92		81905.44	476.31	444.63	436.85	430.58	430.89	524.93	488.53	489.02	510.7	438.47
610-4	456.51	331848.22	336.11		81905.43	476.99	442.29	436.44	404.59	429.73	524.67	489.84	490.7	511.19	439.13
610-4	456.16	331936.97	336.35		81905.45	477.23	442.78	436.29	403.96	430.24	524.72	490.03	490.94	511.67	440.1
610-4	456.16	331936.97	336.35		81905.45	477.23	442.78	436.29	403.96	430.24	524.72	490.03	490.94	511.67	440.1
610-4	453.22	333209.44	343.62		81905.45	473.08	441.85	435.02	468.35	429.05	524.72	490.48	490.75	511.91	441.87
610-4	454	333774.97	341.16		81905.45	477.92	441.38	435.31	453.28	429.85	525.15	492.26	494.68	511.41	443.21

Table DR6 (Continued)

610-4	452.99	333634.69	343.98			81905.47	473.12	442.34	435.11	466.69	429.61	524.71	490.31	490.44	511.98	441.95
610-4	454.38	333712.22	<23.74			81905.44	476.54	444.84	437.02	429.92	431.23	525.17	488.76	489.12	510.84	438.76
610-3	462.35	329542.19	336.07			81905.43	497.17	437.53	435.85	489.2	424.08	523.48	487.07	486.25	503.71	436.1
610-3	458.44	333708.81	334.07			81905.42	473.17	444.73	437.58	413.99	428.41	526.19	491.39	490.75	511.76	438.44
610-3	458.11	333478.19	334.44			81905.45	473.28	444.39	437.37	418.02	428.26	525.97	491.35	490.55	511.57	438.31
610-3	466.51	325090.31	336.72	188.1	379.98	81905.46	457.32	437.25	458.55	370.74	433.2	528.8	485.79	478.07	499.48	411.26
610-3	455.58	334404.94	801.48			81905.44	475.59	443.18	435.76	474.77	428.85	524.99	491.52	491.02	513.34	441.61
610-3	453.46	336257.59	348.84			81905.43	475.01	445.65	436.33	505.95	430.16	525.36	490.11	489.18	512.69	440.71
610-3	453.8	336209.22	348.25			81905.45	474.89	445.4	436.55	501.35	430.07	525.33	490.05	489.2	512.47	440.11
610-3	453.8	336209.22	348.25			81905.45	474.89	445.4	436.55	501.35	430.07	525.33	490.05	489.2	512.47	440.11
610-3	456.93	334671.25	341.16			81905.45	479.12	446.04	437.66	437.2	430.62	525.27	489.51	489.32	512	438.18
610-3	455.96	334353.78	343.81			81905.45	474.14	446.65	437.5	453.37	429.98	524.93	487.98	485.64	512.68	437.04
610-3	456.89	334456.09	341.05			81905.47	478.79	445.66	437.7	438.44	430.43	525.28	489.7	489.61	512.03	438.14
610-3	455.74	334443.97	713.97			81905.45	475.62	443.33	435.95	472.85	429.01	524.93	491.23	490.83	513.14	441.28
610-22	467.05	329401.16	343.53			81833.26	433.67	442.62	434.5	438.23	433.11	497.74	450.57	438.49	419.08	456.62
610-21	463.54	327103.34	341.43			81833.26	434.39	440.53	431.97	476.07	428.86	497.02	449.37	441.51	419.7	458.32
610-20	454.11	336735.28	343.9			81905.46	475.01	448.98	438.33	437.05	434.2	525.65	485.91	487.17	512.74	437.83
610-20	453.36	337025.91	344.16			81905.44	474.53	448.8	438.35	435.03	434.32	525.8	486.26	487.34	513.03	437.92
610-20	464.61	331347.53	343.69			81833.26	432.87	446.99	435.57	436.97	435.61	498.23	446.04	436.9	420.07	454.82
610-2	451.04	333457.81	355.09			81905.42	474.63	443.52	435.43	550.29	428.94	523.59	489.13	489.56	511.45	444.13
610-2	37795.26	451761.13	2061.85	480.34	322.04	81905.45	23634.19	701.06	2724.69	202784.83	82.22	548.42	511.03	292.86	21.85	34.91
610-2	458.36	336597.47	344.72			81905.45	477.78	447.56	440.16	468.56	434.76	526.8	490.78	490.24	512.8	440
610-2	455.05	336342.16	349.21			81905.42	475.48	446.75	437.08	482.29	432.14	524.61	491.01	491.94	514.77	443.6
610-2	454.52	338897.25	345.38			81905.46	476.09	448.79	440.19	460.92	437.22	525.42	489.88	488.01	513.68	437.82
610-19	456.31	331437.34	341.35			81905.46	477.4	438.95	434.71	473.34	425.81	524.52	494.51	492.89	511.05	441.83
610-19	456.64	331188.28	340.87			81905.44	477.47	439.42	434.5	471.37	425.85	524.21	493.84	492.69	510.99	442.11
610-19	466	325750.22	341.48			81833.26	435.01	437.19	431.35	474.66	427.27	496.67	453.5	442.58	418.79	459.73
610-18	454.19	332411.66	342.23			81905.45	475.81	443.1	435.11	462.17	428.86	526.01	490.75	489.67	512	441.28
610-18	451.37	330947.81	348.51	596.08	1045.52	81905.45	479.49	441.2	434.06	458.9	427.18	520.71	490.32	489.72	507.9	438.88
610-18	455.07	332223.56	336.52			81905.45	476.65	441.32	434.8	455.32	425.83	526.13	492.72	491.08	514.03	442.85
610-18	452.79	332803.13	340.34			81905.49	473.89	443.46	434.1	436.25	428.85	523.59	490.23	491.37	513.04	443.66
610-18	642.49	307831.25	194.46			81905.42	501.26	468.05	451.41	549.68	449.01	501.82	453.74	461.74	549.85	421.47
610-17	455.85	335838.03	342.91			81905.45	476.24	445.03	437.87	444.18	431.29	523.98	489.31	490.6	512.1	438.68

Table DR6 (Continued)

610-17	459.17	337692.44	335.31	497	<160.93	81905.45	472.31	447.22	439.04	445.75	433.23	529.83	489.54	490.24	516.58	441.22
610-17	454.86	336112.63	349.55		363.36	81905.45	475.33	446.95	438.08	451.25	434.59	523.73	487.07	488.74	509.86	436.99
610-17	456.82	335472.19	344.62		486.7	81905.48	477.71	445.09	438.66	466.3	431.53	526.31	489.28	488.46	511.2	436.65
610-17	453.92	335059.53	346.49		367.02	81905.43	475.44	445.15	436.84	437.79	431.07	525.37	489.17	489.42	512.09	439.53
610-16	465.77	328033.38	339.23			81833.23	432.89	440.28	431.5	448.17	429.39	496.34	447.58	434.93	417.43	456.77
610-16	455.57	333799.63	339.84			81905.45	475.13	442.61	434.65	444.97	428.39	523.94	487.62	484.43	509.81	439.54
610-16	454.75	333378.03	344			81905.42	476.36	443.88	437.05	471.36	429.43	526.64	492.34	491.69	513.99	440.8
610-16	454.55	333285.09	344.71			81905.45	476.29	443.8	437	472.62	429.34	526.63	492.18	491.45	513.73	440.49
610-16	466.56	327268.47	342.53			81833.27	433.88	441.65	434.55	444.65	431.99	498.43	450.88	441.4	419.1	457.46
610-16	456.29	332934.84	342.37			81905.45	475.55	443.92	437.67	439.77	431.01	526.38	491.39	491.95	511.85	440.4
610-15	464.86	328641.25	345.68			81833.26	435	443.15	435.11	466.08	432.87	498.47	452.15	444.87	421.34	457.92
610-15	454.44	334216.06	345			81905.45	476.82	445.29	438.02	461.37	431.49	526.05	492.31	495.39	514.1	440.49
610-15	455.14	334666.81	340.44			81905.42	475.64	444.08	435.63	434.69	430.47	523.25	487.59	488.31	509.93	439.19
610-15	455.26	334638.34	340.63			81905.45	475.88	444.07	435.73	435.79	430.5	523.29	487.98	488.62	510.2	439.49
610-15	464.1	329540.69	342.67			81833.27	434.55	441.87	432.11	471.58	430.15	486.33	448.88	438.36	419.72	457.39
610-15	453.82	334994.44	342.32			81905.46	476.46	443.93	435.15	465.34	428.85	523.8	488.87	488.27	512.25	439.79
610-14	454.29	333889.16	347.25			81905.44	479.88	444.51	438.03	464.37	430.15	525.75	494.43	497.01	515.32	442.91
610-14	464.49	328117.91	346.97			81833.26	437.45	442.12	434.89	468.27	431.08	498.06	453.98	446.29	422.03	460.44
610-14	457.82	336014	354.66			81905.41	475.78	445.16	438.91	465.69	432.93	526.94	490.71	489.03	513.21	439.73
610-14	457.61	335958.72	353.92			81905.43	475.85	445.12	438.8	465.51	432.86	527.04	490.62	489.12	513.1	439.73
610-14	463.66	326591.06	338.72			81833.27	432.23	439.69	431.9	424.23	431.63	497.6	450.1	439.94	419.35	456.44
610-14	455.08	334555.94	340.85			81905.47	475.27	442.86	437.25	437.68	430.66	524.87	492.23	490.58	512.17	442.09
610-13	455.77	334251.31	337.21			81905.44	472.25	443.49	434.8	441.67	429.81	524.32	485.78	483.25	508.82	437.18
610-13	466.06	328513.69	337.95			81833.26	430.83	441.27	431.78	446.49	431.06	496.76	446.17	434.02	416.95	454.64
610-13	452.44	332247.56	331.21			81905.41	476.22	442.93	434.16	442.62	427.33	523.3	489.44	490.98	510.98	440.28
610-13	452.42	332163.94	330.83			81905.42	476.16	442.88	434.03	441.07	427.18	522.98	489.37	490.89	510.9	440.27
610-13	467	330009.47	346.14			81833.27	435.73	443.7	434.76	488.77	430.63	497.26	449.76	439.94	419.43	458.35
610-13	454.93	333569.09	344.04			81905.46	476.7	445.1	435.6	467.71	429.37	525.12	487.91	489.45	511.84	438.04
610-12	453.7	333059.59	347.1			81905.44	474.64	444.04	436.03	458	430.95	523.38	488.28	489.27	510.45	439.61
610-12	464.19	327425.69	346.37			81833.27	433.01	441.82	432.91	461.41	432.12	495.88	448	439.12	418.04	456.93
610-12	455.12	334136.69	343.01			81905.42	475.99	444.05	436.51	453.65	430.13	525.1	490.03	489.96	512.05	439.99
610-12	455.79	334041.81	350.02			81905.44	473.83	443.45	436.88	476.88	427.55	526.58	489.92	491.27	513.55	440.4
610-12	455	334528.03	340.42			81905.45	476.72	444	436.06	430.45	428.64	524.68	490.59	490.48	511.69	441.89

Table DR6 (Continued)

610-11	456.21	334990.5	338.3			81905.43	477.45	443.98	436.81	449.01	429.11	526.58	491.82	490.96	513.62	440.48
610-11	466.4	329174.63	338.1			81833.27	434.97	441.58	433.64	452.29	430.11	498.92	451.79	440.58	420.79	457.78
610-11	453.5	333672.69	327.7		398.06	81905.42	480.1	444.81	435.4	407.5	434.72	521.81	490.69	487.84	509.35	439.01
610-11	454.31	334019.63	334.52		462.02	81905.44	478.3	444.54	435.9	429.5	432.58	523.41	490.02	488.56	510.53	439.54
610-11	455	333614.94	344.48			81905.45	475.35	444	436.71	475.52	431.25	525.29	489.47	489.56	512.28	438.31
610-10	455.93	335815.47	350.69			81905.45	476.54	444.21	438.03	464.67	429.13	525.84	491.93	493.3	512.44	442.54
610-10	466.15	330197.66	351.64			81833.27	434.97	441.78	434.75	468.84	430.31	498.24	451.4	442.53	419.47	459.81
610-10	452.81	334876.72	347.83			81905.42	473.75	444.42	436.9	477.48	428.41	525.51	491.56	494.13	510.44	441.25
610-10	450.44	335390.16	352.7		908.14	81905.44	472.28	444.65	437.36	501.59	426.81	525.79	493.03	497.25	508.93	442.13
610-10	463.81	328814	344.2			81833.27	437.39	441.99	432.08	457.08	431.2	497.11	449.74	441.28	419.46	458.79
610-10	455.02	333799.31	341.38			81905.45	475.33	444.77	435.91	428.2	431.03	525.57	488.61	489.77	511.98	440.19
610-10	<0.11	<-595.49	252.68			81905.45	<-1.85	<-0.67	2814.3	<-1002.94	<-3.01	2183.52	<-0.02	<-1.11	<-8.09	<-0.04
610-10	455.21	333257.38	343.48			81905.45	476.17	443.54	436.37	465.33	430.4	528.59	494.37	493.12	514.34	444.87
610-10	458.4	334603.16	330.86			81905.42	477.44	444.38	437.2	373.58	431.07	526.19	490.69	490.34	512.51	436.53
610-1	37620.22	440944.44	2018.55		620.81	81905.45	23112.72	678.6	2720.63	203689.63	80.15	549.36	50.1	286.47	21.5	33.6
610-1	452.03	331812.53	330.19			81905.45	474.43	440.94	433.16	437.82	425.93	523.41	489.25	489.74	511.24	439.94
610-1	455.02	331990.19	335.69			81905.43	476.5	441.57	435.8	422.82	428.14	525.33	489.11	488.34	509.58	436.89
610-1	455.5	327819.66	323.72			81905.46	475.66	437.85	431.45	380.42	421.05	524.43	490.19	492.69	509.81	443.06
610-09	457.07	333299.97	337.74		424.79	81905.42	477.98	443.59	435.97	432.58	431.36	524.61	488.59	486.35	513.5	438.89
610-09	454.93	334019	342.19		549.21	81905.44	475.79	443.91	436.36	452.78	429.85	524.97	490.04	490	511.98	440
610-06	455	334067.13	341.92		546.91	81905.32	475.95	444.01	436.33	452.31	430.07	525.11	489.89	489.96	511.97	440.01
610-06	455.18	334280.88	355.8		574.71	81905.41	481.61	445.09	438.34	477.05	432.99	528.82	492.61	493.89	512.88	443.51
610-06	455.01	334168.91	354.5		571.06	81905.45	481.25	444.92	438.13	474.9	432.91	528.61	492.41	493.79	512.64	443.33
610-05	456.13	335148.34	320.06		505.6	81905.32	463.64	443.99	433.69	415.73	426.06	518.4	483.64	480.63	508.51	432.63
610-05	454.93	333895.06	330.9		529.04	81905.41	471.23	443.13	434.74	433.15	427.53	521.69	487.65	486.57	511.25	436.94
610-05	455	333946.84	329.91		526.39	81905.45	470.79	443.1	434.61	431.73	427.21	521.56	487.51	486.21	511.33	436.75
610-04	454.58	333613.47	352.31		597.58	81905.44	476.8	443.68	437.68	466.66	428.26	523.09	490.99	489.98	511.93	439.16
610-04	454.98	333712.81	352.78		608.13	81905.33	476.87	443.78	437.61	468.05	428.77	523.13	491.86	490.74	512.5	439.75
610-04	454.98	333719.19	353.52		609.73	81905.46	477.18	443.83	437.71	469.43	428.93	523.33	492	490.96	512.54	439.94
610-03	455.23	334494.84	332.25		500.77	81905.44	474.69	444.11	434.96	437.36	431.51	526.94	488.9	490.08	511.99	440.4
610-03	455.02	334359.56	333.09		499.64	81905.33	475.2	444.21	435.29	440.03	431.15	526.76	488.3	489.32	511.54	440.23
610-03	455.02	334360.34	333.11		499.7	81905.46	475.21	444.21	435.3	440.1	431.16	526.76	488.31	489.33	511.54	440.24

Table DR6 (Continued)

610-02	457.7	334212.5	342.58	568.53	800.1	81905.45	482.03	446.01	437.73	484.39	434.26	526.1	490.84	489.32	512.96	442.22
610-01	452.42	333858.69	343.14	537.39	<453.40	81905.45	470.41	442.18	435.22	426.98	425.91	523.81	489.26	490.66	511.08	438.35

Table DR6 (Continued)

Analysis	Trace element (ppm)															
	Spot	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta
STGJ-07	<31.11	<15.14	<177.24	<0.00	<46.95	<0.00	<0.00	<0.00	<61.84	<15.61	<90.37	<20.15	<147.54	<21.32	<0.00	<18.35
STGJ-04	150299.63	310.35	6889.52	16088	10120.58	63322.88	17934.62	181695.23	60647.91	254088.34	59422.74	649053.19	97795.98	58364068	5697.14	
STGJ-03	<58.48	<34.32	<293.00	<244.98	<76.15	<174.01	<34.55	<129.95	<28.75	<106.37	<29.97	<123.17	<41.78	<181.30	<56.07	
STGJ-02	<76.89	<50.35	<362.14	<351.40	<106.60	<131.36	<28.61	<120.31	<43.46	<164.73	<51.89	<322.34	<68.54	<137.26	<68.70	
STDGJ-09	261374.39	634.6	12914.29	28336.59	16965.11	112896.79	29723.97	329364.66	106715.55	457483.63	103309.26	1102259.63	177070.2	103874640	8781.74	
STDGJ-08	<208.54	<101.46	<0.00	<0.00	<257.11	<667.47	<168.46	<414.46	<0.00	<524.82	<95.56	<1277.50	<267.41	<518.88	<173.97	
STDGJ-06	215041.61	462.05	9070.46	21653.59	13248.37	82748.09	24093.47	255779.36	84395.84	355841	81838.13	864671	138814.77	85040640	6897.71	
STDGJ-05	<72.45	<35.27	<291.41	<335.68	<0.00	<231.35	<58.46	<144.08	<62.87	<0.00	<33.10	<0.00	<60.77	<220.80	<112.97	
STDGJ-04	412168.19	983.09	21844.21	40875.3	27308.74	183486.27	51030.64	543614.94	175878.55	770184.88	173081.78	1832784	294474.94	175422624	15964.84	
STDGJ-03	<189.58	<159.93	<1142.05	<759.14	<450.63	<740.11	<187.21	<653.35	<0.00	<582.85	<0.00	<896.31	<0.00	<577.81	<0.00	
STDGJ-02	<45.23	<26.99	<0.00	<255.78	<33.95	<249.42	<0.00	<77.97	<19.57	<0.00	<17.83	<151.05	<18.95	<68.93	<39.94	
STDGJ-01	<140.91	<0.00	<261.54	<521.28	<138.41	<415.08	<95.94	<259.70	<103.02	<0.00	<83.90	<562.13	<63.09	<397.62	<76.79	
STDGJ-01	216540.34	500.47	11497.28	24262.77	16027.48	89572.91	26932.03	283127.22	93905.94	389470.13	92868.5	1015630.44	152190.73	89909560	9049.14	
STDGJ-06	78313.67	218.19	3829.62	8276.22	5049.42	35176.93	9475.3	99916.32	32731.74	140466.14	31957.03	339036.91	54458.21	32339248	2838.22	
KOV-9	5724.2	634.56	2205.02	280.76	67.34	174.24	15.64	64.26	8.57	15.65	1.373	6.33	0.664	0.034	0.0128	
KOV-9	5772.22	585.12	2096.61	274.15	69.04	163.52	15.73	60.74	8.14	14.46	1.276	6.14	0.62	0.0316	0.0099	
KOV-9	5921.24	676.31	2506.32	313.97	78.34	213.57	17.85	69.09	9.07	17.95	1.476	7.5	0.746	0.1253	0.0624	
KOV-9	5741.87	697.62	2487.43	294.4	68.23	226.08	16.33	65.51	8.3	17.07	1.317	6.43	0.661	0.0873	0.0576	
KOV-9	6305.82	789.83	3091.16	348.49	78.96	243.17	16.34	79.8	9.23	20.53	1.407	8.07	0.767	0.391	0.1428	
KOV-9	6305.82	789.83	3091.16	348.49	78.96	243.17	16.34	79.8	9.23	20.53	1.407	8.07	0.767	0.391	0.1428	
KOV-8	6542.14	742.18	2551.61	317.64	75.77	195.38	16.96	68.66	9.16	16.75	1.472	6.44	0.748	0.146	0.0671	
KOV-8	446.43	48.51	161.41	17.28	4.59	13.09	1.047	4.77	0.74	1.547	0.173	0.877	0.1135	<0.0195	0.0058	
KOV-8	449.75	44.65	153.13	16.85	4.69	12.26	1.05	4.5	0.701	1.427	0.1603	0.847	0.1059	<0.0178	0.0044	
KOV-8	6572.09	743.77	2556.26	318.67	75.97	195.67	16.98	68.76	9.17	16.76	1.473	6.45	0.748	0.147	0.0674	
KOV-8	5976.7	656.08	2374.05	292.49	72.58	217.11	17.37	63.58	8.28	16.17	1.293	6.28	0.658	0.0909	0.0292	
KOV-8	5742.69	705.15	2626.58	297.99	68.56	216.68	15.41	67.12	8.11	17.31	1.297	6.63	0.636	0.243	0.1118	
KOV-8	5911.76	719.64	2548.64	306.71	71.96	240.52	17.64	69.22	8.9	18.01	1.42	6.71	0.721	0.102	0.0387	
KOV-8	4594.4	577.31	2853.15	258.76	54.24	188.69	9.85	60.71	5.78	16.48	0.876	6.47	0.499	0.0499	0.0141	
KOV-8	5711.81	718.59	2788.03	315.33	71.25	224.01	14.91	70.82	8.48	18.45	1.251	6.92	0.69	0.256	0.276	
KOV-8	7160.54	1184.19	3509.09	458.23	171.71	339.73	87.48	118.01	50.91	39.17	22.01	15.57	11.13	34.57	179.05	
KOV-8	6057.85	744.14	2644.19	323.1	76.65	229.29	17.78	71.9	9.42	18.58	1.511	7.2	0.775	0.242	0.134	

Table DR6 (Continued)

KOV-7	6582.45	751.67	2555.96	325.34	77.85	199.85	17.5	74.29	10	19.09	1.649	7.57	0.833	0.045	0.0184
KOV-7	7500.69	836.55	2912.56	358.33	84.85	219.6	19.49	79.72	10.6	19.42	1.691	7.71	0.815	0.216	0.074
KOV-7	7563.12	770.4	2762.75	349.41	86.72	205.67	19.57	75.23	10.04	17.94	1.567	7.45	0.76	0.198	0.057
KOV-7	6617.96	754.62	2565.79	327.51	78.29	200.66	17.55	74.69	10.03	19.1	1.663	7.57	0.839	0.047	0.0183
KOV-7	5855.59	636.81	2310.71	282.33	70.21	211.65	16.68	60.04	7.92	15.22	1.181	5.72	0.578	0.27	0.1033
KOV-7	7230.65	886.52	3322.32	378.82	86.65	274.1	19.96	86.81	10.58	22.6	1.732	8.91	0.853	0.384	0.1065
KOV-7	5774.17	696.89	2475.73	295.55	69.49	234.26	16.95	65.28	8.51	16.9	1.299	6.11	0.634	0.303	0.1364
KOV-7	4651.27	570.74	2814.98	253.65	53.3	174.26	9.53	59.05	5.53	15.39	0.83	5.97	0.479	0.11	0.0267
KOV-7	5922.35	742.64	2887.13	324.92	73.64	230.03	15.45	73.33	8.83	18.99	1.302	7.32	0.83	0.209	0.0612
KOV-7	8729.79	1424.79	4293.26	557.86	207.51	411.8	108.17	146.06	63.51	48.89	28.08	19.99	14.24	52.52	162.72
KOV-7	5542.99	690.49	2459.66	301.68	72.12	215.41	16.88	68.92	9.05	17.9	1.461	6.96	0.75	0.0857	0.0708
KOV-6	5177.8	640.75	2278.69	278.19	67.02	231.53	16.54	63.88	8.38	17.04	1.32	6.17	0.672	0.0451	0.0217
KOV-6	6176.21	711.58	2479.19	312.83	73.51	198.66	16.9	68.82	9.14	16.92	1.418	6.27	0.717	0.294	0.1068
KOV-6	6178.97	653.15	2351.33	304.21	75.09	186.05	16.94	64.85	8.64	15.61	1.315	6.07	0.667	0.269	0.082
KOV-6	5397.39	656.73	2453.2	283.14	64.35	217.92	15.03	62.64	7.65	16.53	1.214	5.92	0.613	0.11	0.0507
KOV-6	5397.39	656.73	2453.2	283.14	64.35	217.92	15.03	62.64	7.65	16.53	1.214	5.92	0.613	0.11	0.0507
KOV-6	5166.94	583.31	2139.58	269.31	68.35	216.98	16.43	59.84	7.88	15.58	1.213	5.94	0.621	0.0411	0.0166
KOV-6	4832.23	594.04	2864.18	253.37	52.77	190.31	9.68	57.3	5.39	15.24	0.787	5.42	0.421	0.092	0.0202
KOV-6	4756.78	599.36	2324	262.78	59.3	187.3	12.4	58.11	6.94	14.74	1.03	5.53	0.529	0.038	0.013
KOV-6	5411.58	659.31	2472.02	285.09	64.5	219.46	15.11	63.06	7.7	16.61	1.22	5.96	0.617	0.11	0.051
KOV-6	4812.49	593.75	2865.42	253.09	52.84	190.96	9.67	57.29	5.38	15.25	0.786	5.43	0.421	0.092	0.0202
KOV-6	4757.8	599.61	2328.72	263.28	59.37	188	12.4	58.21	6.94	14.77	1.031	5.55	0.53	0.0381	0.013
KOV-5	5802.45	698.95	2449.85	295.39	69.81	245.63	17.27	65.46	8.53	17.18	1.336	6.09	0.662	0.243	0.1203
KOV-5	5607.16	637.53	2215.55	281.78	67.11	177.78	15.55	63.1	8.47	15.69	1.401	6.15	0.717	0.0248	0.0121
KOV-5	5599.64	584.13	2097.42	273.7	68.55	166.71	15.57	59.45	7.99	14.46	1.297	5.95	0.665	0.0236	0.0096
KOV-5	6973.61	865.38	3239.61	374.36	85.37	288.53	20.25	85.42	10.61	22.9	1.726	8.72	0.864	0.274	0.0816
KOV-5	6973.61	865.38	3239.61	374.36	85.37	288.53	20.25	85.42	10.61	22.9	1.726	8.72	0.864	0.274	0.0816
KOV-5	5770.89	635.06	2296.01	285.6	71.16	230.41	17.12	61.22	8	15.7	1.226	5.84	0.611	0.219	0.0919
KOV-5	5366.76	661.35	3197.39	287.65	59.95	212.87	10.83	64.6	6.15	17.38	0.873	6.48	0.496	0.319	0.0907
KOV-5	6150.1	769.4	2974.21	339.71	77.05	240.72	16.21	76.67	9.23	19.62	1.341	7.56	0.745	0.816	1.83
KOV-5	6996.36	869.66	3271.32	377.66	85.62	291.14	20.38	86.14	10.68	23.05	1.738	8.78	0.87	0.276	0.0823
KOV-5	5337.55	660.85	3198.67	287.21	60.04	213.78	10.82	64.57	6.15	17.39	0.871	6.49	0.497	0.319	0.0906
KOV-5	6193.72	776.71	3021.05	344.8	78.06	244.88	16.44	77.96	9.38	19.96	1.367	7.75	0.764	0.824	1.85

Table DR6 (Continued)

KOV-4	4781.26	605.39	2149.95	270.83	64	256.19	16.92	61.71	8.19	17.71	1.33	6.22	0.68	0.0291	0.0132
KOV-4	7840.76	896.7	3062.69	383.12	91.52	248.21	21.4	86.67	11.37	21.81	1.903	8.74	0.974	0.791	0.358
KOV-4	7789.29	892.62	3049.41	382.99	91.3	248.1	21.36	86.52	11.36	21.79	1.899	8.72	0.975	0.787	0.357
KOV-4	5833.86	731.96	2602.37	322.43	76.37	253.43	18.73	73.65	9.69	19.79	1.593	7.26	0.819	0.0903	0.0954
KOV-4	5955.45	736.13	2708.47	317.6	73.04	247.37	17.32	71.26	8.95	19.16	1.41	7.06	0.721	0.153	0.0398
KOV-4	5874.87	729.49	2685.08	316.15	73.01	249.73	17.27	71.02	8.93	19.12	1.408	7.06	0.72	0.151	0.04
KOV-4	5874.87	729.49	2685.08	316.15	73.01	249.73	17.27	71.02	8.93	19.12	1.408	7.06	0.72	0.151	0.04
KOV-4	4702.1	596.28	2293.11	264.34	59.5	191.59	12.71	58.37	7.08	15.09	1.027	5.55	0.548	0.0333	0.0068
KOV-4	5086.69	619.76	2990.28	271.38	55.67	239.37	10.68	61.28	5.62	17.1	0.845	6.06	0.438	0.358	0.1149
KOV-4	4673.7	595.59	2296.75	265.6	59.86	193.01	12.77	58.72	7.13	15.17	1.033	5.59	0.552	0.0335	0.0069
KOV-4	5818.72	730.38	2601.01	322.87	76.27	255.83	18.71	73.75	9.68	19.81	1.592	7.28	0.818	0.0902	0.0952
KOV-3	5836.21	718.7	2509.16	306.78	72.7	291.35	18.93	68.76	9.01	19.46	1.401	6.8	0.729	0.281	0.1229
KOV-3	6280.81	722.59	2529.82	315.17	74.33	205.2	17.51	69.43	9.26	17.1	1.521	6.54	0.732	0.077	0.0412
KOV-3	6256.69	721.1	2513.87	314.59	73.96	204.82	17.46	69.38	9.2	17.05	1.518	6.55	0.711	0.076	0.0442
KOV-3	5621.27	704.88	2515.74	312.23	74.06	243.71	18.09	70.58	9.25	18.77	1.417	6.73	0.739	0.0361	0.0123
KOV-3	7214.74	893.54	3276.89	384.03	88.24	307.66	21.29	87.44	10.95	23.86	1.779	8.78	0.895	0.216	0.322
KOV-3	7081.21	882.88	3237.93	381.46	88.16	310.93	21.19	87	10.93	23.79	1.776	8.8	0.892	0.216	0.323
KOV-3	7081.21	882.88	3237.93	381.46	88.16	310.93	21.19	87	10.93	23.79	1.776	8.8	0.892	0.216	0.323
KOV-3	7483.07	936.66	3529.12	408.46	93.89	297.25	20.07	95.35	11.56	25.44	1.806	10.15	1.014	0.749	0.275
KOV-3	4077.56	510.34	2457.15	226.62	46.13	200.72	9.09	51.92	4.74	14.46	0.71	5.09	0.379	0.0271	0.0086
KOV-3	7307.1	925.49	3519.57	403.85	93.03	300.3	20.16	95.43	11.24	25.47	1.818	10.02	1.004	0.71	0.268
KOV-3	5601.66	703.08	2515.56	312.99	73.95	246.75	18.08	70.73	9.24	18.81	1.418	6.75	0.737	0.0363	0.0124
KOV-22	6226.91	690.88	2787.56	312.42	72.81	214.55	16.26	68.34	7.97	17.13	1.279	6.83	0.65	0.148	0.0334
KOV-21	6118.77	679.1	2732.69	307.33	71.5	211.89	15.99	66.66	7.8	16.51	1.191	6.47	0.615	0.592	0.0531
KOV-20	6134.64	761.83	2952.62	326.77	73.11	238.83	16.94	73.58	8.84	18.96	1.403	7.18	0.702	0.0908	0.061
KOV-20	6157.29	761.74	2949.97	326.65	73.99	237	16.85	73.44	8.77	18.89	1.394	7.16	0.697	0.0905	0.0613
KOV-20	6168.55	700.78	2815.35	319.18	74.65	222.3	16.94	69.41	8.33	17.47	1.293	6.91	0.651	0.083	0.0469
KOV-2	5269.48	619.69	2181.87	272.07	64.03	195.45	15.37	58.83	7.85	15.11	1.183	5.57	0.575	0.036	0.01
KOV-2	6560.19	806.36	2871.26	368.06	86.29	252.21	20.32	81.43	10.91	20.7	1.727	7.77	0.875	0.651	0.296
KOV-2	6391.42	806.84	2817.06	359.85	87.61	373.64	23.46	83.47	11.14	25.33	1.849	8.94	0.968	0.16	0.0635
KOV-2	5905.78	732.62	2682.63	317.76	73.14	342.74	19.56	71.3	8.99	22.25	1.421	7.36	0.732	0.201	0.1074
KOV-2	5152.16	673.17	2538.77	309.75	72.56	372.67	18.93	70.34	8.82	22.04	1.399	7.49	0.718	0.194	0.1043
KOV-2	5152.16	673.17	2538.77	309.75	72.56	372.67	18.93	70.34	8.82	22.04	1.399	7.49	0.718	0.194	0.1043

Table DR6 (Continued)

KOV-2	6576.37	809.18	2988.41	346.75	80.64	283.91	17.43	79.32	9.66	22.12	1.483	8.39	0.771	0.73	0.28
KOV-19	4761.63	593.3	2306.99	255.71	57.4	189.92	13.22	56.9	6.84	14.6	1.084	5.33	0.522	0.0366	0.0084
KOV-19	4782.04	592.84	2303.37	255.73	58.3	188.12	13.12	56.77	6.78	14.54	1.075	5.31	0.517	0.0368	0.0085
KOV-19	4787.96	545.84	2202.14	249.98	58.62	176.64	13.21	53.7	6.45	13.45	0.997	5.13	0.484	0.0335	0.0064
KOV-18	7120.18	770.2	2701.76	341.39	81.2	207.73	18.64	75.23	10.23	18.66	1.651	7.41	0.835	0.073	0.0246
KOV-18	6913.01	753.05	2604.73	330.76	77.47	198.65	17.38	71.39	9.45	17.23	1.512	6.61	0.736	0.247	0.11
KOV-18	6462.53	782.75	2950.95	335.34	75.33	245.77	17.56	75.06	9.15	19.35	1.459	7.3	0.735	0.142	0.0655
KOV-18	5734.21	703.03	2704.25	303.41	68.31	224.59	15.99	68.95	8.46	18.06	1.367	6.98	0.705	0.0724	0.0802
KOV-18	5897.16	703.22	2457.96	288.13	71.61	198.23	15.21	64.07	7.47	16.33	1.164	6.66	0.577	0.14	0.032
KOV-17	7370.22	786.33	2739.94	341.9	80.93	207.44	18.47	75.5	10.01	18.57	1.636	7.32	0.76	0.155	0.0645
KOV-17	448.47	47.66	155.36	17.1	4.57	11.84	0.915	4.3	0.622	1.293	0.133	0.715	0.0915	<0.0210	<0.0072
KOV-17	8060.34	978.14	3659.21	414.37	93.72	302.37	21.9	94.76	11.57	24.95	1.896	9.92	0.976	0.791	0.299
KOV-17	6700.25	801.71	3021.7	338.06	77.11	249.1	17.75	77.06	9.25	19.68	1.512	7.81	0.759	0.562	0.235
KOV-17	6794.9	811.73	2951.12	329.53	82.57	238.84	17.62	75.79	8.84	18.83	1.509	7.04	0.727	0.668	0.209
KOV-16	7994.72	786.99	2839.95	365.86	89.77	211.41	20.41	78.56	10.63	18.86	1.635	7.91	0.817	0.305	0.1222
KOV-16	7924.34	853.94	2970.25	372.6	87.6	224.31	20.23	82.6	11.18	20.3	1.751	8.06	0.873	0.325	0.15
KOV-16	7001.94	777.54	2714.89	342.51	80.35	207.44	18.43	75.61	9.88	18.2	1.531	7.11	0.774	0.14	0.0492
KOV-16	7021.67	779.52	2723.53	344.16	80.63	208.19	18.53	75.94	9.93	18.22	1.543	7.15	0.775	0.14	0.0489
KOV-16	7679.08	841.61	3233.89	378.02	90.41	271.1	20.9	83.19	10.26	21.26	1.665	8.63	0.847	0.594	0.2232
KOV-16	7603.4	911.61	3395.23	387.27	88.34	290.04	20.77	88.15	10.79	23.05	1.794	8.94	0.906	0.65	0.29
KOV-15	7065.74	688.6	2469.09	314.05	77.97	183.38	17.59	67.82	9.25	16.94	1.495	6.97	0.771	0.176	0.0618
KOV-15	7060.59	750.19	2599.39	322.29	76.63	195.95	17.58	72.25	9.71	18.29	1.607	7.23	0.821	0.193	0.085
KOV-15	5697.65	641.9	2258.1	281.58	67.63	172.84	15.45	63.62	8.49	15.86	1.42	6.18	0.717	0.07	0.0612
KOV-15	5709.61	642.96	2267.3	282.85	67.88	173.84	15.53	64.14	8.53	15.86	1.433	6.25	0.717	0.067	0.0615
KOV-15	6225.12	702.23	2753.69	326.78	77.22	232.29	18.16	72.11	8.94	18.17	1.39	7.18	0.718	0.0642	0.0197
KOV-15	6154.07	759.44	2886.7	334.33	75.36	248.26	18.03	76.33	9.4	19.68	1.495	7.43	0.767	0.0701	0.0256
KOV-14	7641.63	822.08	2850.65	357.31	84.28	217.25	19.22	78.82	10.63	19.11	1.708	7.6	0.838	0.219	0.0717
KOV-14	7697.07	756.02	2712.39	348.1	86.09	203.2	19.27	74.27	10.06	17.6	1.582	7.34	0.78	0.2	0.0551
KOV-14	7141.15	816.09	2854.28	361	83.59	214.68	19.26	79.26	10.61	19.5	1.711	7.72	0.767	0.136	0.0656
KOV-14	7153.52	814.74	2849.36	360.62	83.65	214.74	19.28	79.32	10.6	19.48	1.711	7.72	0.766	0.136	0.0656
KOV-14	5946.92	676.6	2610.43	315.04	74.93	230.47	17.84	68.89	8.63	17.45	1.327	6.82	0.673	0.0826	0.0311
KOV-14	5168.74	648.03	2400.65	285.64	66.92	205.25	15.39	65.51	8.26	16.91	1.331	6.41	0.669	0.101	0.0372
KOV-13	7568.53	820.65	2871.4	364.7	85	221.3	19.48	79.49	10.58	19.59	1.626	7.78	0.82	0.097	0.0257

Table DR6 (Continued)

KOV-13	7628.24	754.8	2733.33	355.31	86.84	207.04	19.54	74.9	10.02	18.04	1.507	7.51	0.763	0.089	0.0198
KOV-13	8674.51	973.31	3355.79	421.25	99.64	247.39	22.42	92.69	12.6	23.07	2.135	9.28	1.036	0.774	0.28
KOV-13	8694.03	971.33	3348.58	420.7	99.74	247.48	22.46	92.79	12.58	23.04	2.135	9.29	1.036	0.775	0.28
KOV-13	6583.57	735.26	2819.89	338.38	80.79	249.28	19.04	73.44	9.13	18.65	1.448	7.2	0.718	0.335	0.1034
KOV-13	6400.07	798.31	2939.99	351.83	82.57	247.31	18.94	79.79	9.96	20.33	1.566	7.79	0.83	0.185	0.0872
KOV-12	6501.99	722.32	2536.61	325.15	75.95	197.52	17.39	71.34	9.51	17.21	1.542	6.42	0.757	<0.029	0.0088
KOV-12	6549.23	664.64	2411.69	316.41	77.63	184.74	17.45	67.24	9	15.85	1.429	6.2	0.705	<0.027	0.0067
KOV-12	5677.12	653.14	2292.98	293.57	70.38	179.45	16.1	67.32	9	16.33	1.468	6.46	0.808	0.093	0.0471
KOV-12	5660.27	655.44	2311.21	294.06	70.83	179.53	16.07	67.13	9.04	16.43	1.477	6.46	0.805	0.093	0.0471
KOV-12	5828.53	732.58	2650.6	323.94	76.42	226.54	17.67	73.49	9.47	18.9	1.493	7.05	0.735	0.0405	0.0179
KOV-1-1	7447.23	872.95	3029.37	380.1	89.97	237.67	20.77	84.39	11.32	21.14	1.792	8.26	0.906	0.485	0.17
KOV-11	6869.15	757.17	2624.44	331.17	77.44	201.68	17.7	72.62	9.53	17.51	1.464	6.7	0.747	0.348	0.151
KOV-11	6924.62	696.92	2496.33	322.23	79.18	188.73	17.76	68.45	9.02	16.13	1.357	6.47	0.695	0.318	0.1163
KOV-11	6574.79	731.78	2547.2	318.64	76.24	196.39	17.61	72.59	9.73	17.85	1.589	7.49	0.857	0.076	0.0161
KOV-11	6543.6	733.15	2565.27	318.75	76.58	196.29	17.52	72.4	9.75	18	1.599	7.49	0.856	0.076	0.0157
KOV-11	5694.62	714.28	2597.15	315.51	73.67	218.92	17.11	71.48	9.11	18.47	1.472	7.17	0.746	0.0699	0.0519
KOV-10	6907.42	766.76	2644.75	332.84	79.04	205.77	18.04	73.66	9.75	17.95	1.597	7.13	0.785	0.376	0.141
KOV-10	6965.54	706.7	2514.84	324.83	81.01	192.78	18.13	69.58	9.26	16.6	1.488	6.91	0.734	0.344	0.1082
KOV-10	7772.1	896.49	3102.64	394.5	94.16	238.17	21.34	89.13	11.66	21.47	1.863	8.89	0.968	0.445	0.141
KOV-10	7778.01	897.26	3110.65	396.55	94.24	238.81	21.29	89.17	11.71	21.51	1.864	8.88	0.97	0.444	0.141
KOV-10	6830.05	776.19	2878.93	359.46	89.33	245.48	20.6	80.09	10.47	20.21	1.685	8.28	0.837	0.293	0.0908
KOV-10	7408.03	877.76	3061.75	358.3	84.45	275.02	20.09	80.64	10.33	21.35	1.688	8.06	0.852	0.689	0.317
KOV-10	4999.74	627.69	2471.22	277.37	62.61	195.58	12.9	62.29	7.33	16.05	1.077	5.92	0.572	0.0804	0.0209
KOV-10	4999.74	627.69	2471.22	277.37	62.61	195.58	12.9	62.29	7.33	16.05	1.077	5.92	0.572	0.0804	0.0209
KOV-1	6663.48	777.3	2672.53	330.16	78.38	239.82	19.07	74.72	10.31	19.62	1.643	7.92	0.854	0.227	0.0906
KOV-1	591.37	69.54	241.22	27.97	7	21.57	1.615	7.1	1.07	2.16	0.193	1.054	0.13	0.0166	<0.0065
KOV-1	5961.71	766.28	2697.87	348.38	84.25	371.8	23.13	80.22	10.7	24.94	1.719	8.29	0.874	0.1058	0.0538
KOV-1	6807.32	851.84	3143.61	376.83	86.78	427.51	23.91	86.03	10.93	27.43	1.734	8.91	0.89	0.253	0.0567
KOV-1	5222.71	666.88	2611.17	303.61	68.02	254.26	15.42	68.47	8.27	18.47	1.185	6.46	0.657	0.446	0.174
KOV-09	6389.76	736.63	2542.26	318.27	76.41	195.28	17.77	73.49	9.98	18.32	1.661	7.17	0.79	<0.033	<0.0049
KOV-09	6400.76	737.45	2549.11	319.92	76.44	195.73	17.72	73.47	10.02	18.35	1.66	7.16	0.791	<0.032	<0.0049
KOV-06	7661.47	889.86	3088.99	389.1	91.81	236.23	21.04	85.83	11.58	21.16	1.846	8.63	0.896	0.234	0.0597
KOV-06	7712.99	896.62	3100.78	389.95	92.02	239.11	21.21	86.43	11.69	21.45	1.871	8.68	0.906	0.236	0.0603

Table DR6 (Continued)

KOV-06	7707.11	894.78	3097.77	389.53	92.01	238.59	21.16	86.29	11.65	21.38	1.867	8.67	0.902	0.236	0.0603
KOV-05	6973.71	804.6	2796.28	351.83	83.84	212.58	18.65	76.93	10.22	18.95	1.588	6.98	0.784	0.327	0.158
KOV-05	7017.74	810.73	2807.01	352.65	84.01	215.1	18.8	77.47	10.33	19.21	1.608	7.03	0.793	0.329	0.159
KOV-05	7012.3	808.73	2803.66	352.19	84	214.55	18.75	77.31	10.29	19.13	1.605	7.02	0.789	0.33	0.159
KOV-04	5648.26	665.02	2321.22	292.32	69.69	181.93	15.92	65.34	8.65	16.28	1.404	6.32	0.687	0.088	0.0549
KOV-04	5620.85	660.36	2308.06	290.89	69.4	181.46	15.83	64.84	8.61	16.2	1.403	6.29	0.684	0.087	0.0548
KOV-04	5613.8	659.6	2306.69	290.83	69.37	181.08	15.81	64.77	8.6	16.17	1.4	6.29	0.683	0.087	0.0547
KOV-03	7022.59	815.88	2836.17	350.27	84.39	217.71	19.04	78.03	10.46	19.18	1.631	7.25	0.791	0.346	0.134
KOV-03	6974.7	807.25	2813.29	347.52	83.89	216.59	18.87	77.21	10.39	19	1.627	7.21	0.781	0.341	0.133
KOV-03	6963	806	2811.06	347.42	83.84	215.99	18.84	77.09	10.37	18.94	1.622	7.2	0.779	0.34	0.133
KOV-02	5644.98	692.72	2428.92	306.6	72.81	197.86	16.96	69.72	9.16	17.75	1.526	6.79	0.733	0.091	0.0135
KOV-01	457.63	49.13	159.84	17.32	4.94	13.51	1.033	4.62	0.651	1.515	0.135	0.78	0.0909	<0.0134	<0.0078
GU-5	<-22.47	<-21.50	<-50.07	<-97.64	<-14.81	<-103.84	<-11.24	<-74.78	<-8.54	<-34.66	<-0.00	<-77.78	<-14.10	<-75.83	<-26.96
GU-4	4246.19	26.43	118.53	351.15	190.55	1621.29	367.42	4056.45	1242.03	5666.49	1082.36	10395.88	2176	1402660.25	99.91
GU-3	313728.31	894.86	15143.73	32605.91	21406.95	139735.84	36946.14	399261.69	128733.7	540199.31	126499.65	1317931	215095.28	128370464	10668.02
GU-2	<-15.66	<-0.00	<-76.28	<-178.05	<-0.00	<-0.00	<-0.00	<-0.00	<-23.43	<-55.31	<-0.00	<-0.00	<-18.39	<-81.59	<-22.30
GU-1	<-0.00	<-0.00	<-261.31	<-0.00	<-57.04	<-418.55	<-73.89	<-128.64	<-32.77	<-189.46	<-66.55	<-0.00	<-54.55	<-197.65	<-0.00
DUR-9	4733.03	347.09	1046.85	142.85	16.72	130.52	15.91	95.06	19.5	51.4	6.48	36.04	4.68	0.05	<0.0095
DUR-9	4766.82	319.8	995.23	139.38	17.12	122.26	15.99	89.75	18.51	47.45	6.01	34.89	4.36	0.045	<0.0073
DUR-9	4366.98	332.54	1033.15	133.48	14.83	130.31	14.81	83.53	16.37	44.13	5.24	32.06	3.77	0.0123	<0.0026
DUR-9	4130.84	349.64	1084.77	136.94	14.56	151.21	14.87	88.04	16.87	48.13	5.71	34.17	4.24	0.0212	0.0058
DUR-9	3918.35	322.26	1003.48	124.28	12.43	126.9	11.59	82.23	14.58	44.75	4.45	30.82	3.38	<0.0097	<0.0032
DUR-9	3918.35	322.26	1003.48	124.28	12.43	126.9	11.59	82.23	14.58	44.75	4.45	30.82	3.38	<0.0097	<0.0032
DUR-8	4628.23	355.71	1056.75	138.82	14.25	125.87	15.44	90.25	18.31	48.06	6.01	33.04	4.28	0.044	<0.0120
DUR-8	4689.92	347.41	1029.66	134.74	14.26	121.93	14.75	85.93	17.72	46.61	5.82	32.84	4.15	0.0176	0.01
DUR-8	4716.61	319.42	977.09	131.24	14.56	113.98	14.79	81	16.78	42.95	5.39	31.67	3.87	0.0161	0.0077
DUR-8	4641.3	356.16	1057.96	139.09	14.27	126.03	15.46	90.34	18.32	48.1	6.02	33.07	4.28	0.044	<0.0120
DUR-8	4295.66	354.28	1072.6	131.38	13.47	136.59	13.37	85.82	15.74	46.56	5.26	32.53	3.81	0.0192	<0.0029
DUR-8	3932.01	324.03	1000.64	124.48	12.44	127.45	11.74	81.79	14.91	44.34	4.5	30.42	3.45	<0.0110	0.0032
DUR-8	5731.6	655.02	1539.9	221.9	37.21	235.4	83.93	166.63	109.38	116.42	98.76	84.37	73.76	3.03	5.17
DUR-7-2	4394.33	337.41	1054.11	136.82	15.75	135.84	15.42	86.43	17	45.65	5.44	33.17	3.99	0.0146	<0.0028
DUR-7-1	4403.06	339.15	1063.14	139.59	15.7	136.49	15.58	87.16	17.13	46.49	5.56	33.88	4.04	<0.0119	0.0043
DUR-7	4746.93	363.24	1069.06	136.82	14.64	122.96	14.88	86.24	17.74	47.06	5.91	33.47	4.12	0.0347	0.007

Table DR6 (Continued)

DUR-7	4672.75	351.83	1049.89	140.44	15.5	126.85	15.52	90.46	18.45	49.56	6.12	35.27	4.58	<0.0225	<0.0059
DUR-7	4703.43	323.66	996.15	136.85	15.83	118.66	15.57	85.3	17.47	45.7	5.67	34.03	4.27	<0.0205	<0.0045
DUR-7	4759.17	363.82	1069.62	137.11	14.64	122.95	14.89	86.18	17.76	47.08	5.92	33.56	4.12	0.0352	0.0071
DUR-7	4305.73	355.8	1081.78	132.54	13.58	139.63	13.66	86.54	15.95	47.33	5.32	33.2	3.78	0.0314	0.0043
DUR-7	3316.47	278.51	850.79	111.27	11.35	117.32	8.02	72.21	10.17	39.5	3.1	28.58	2.57	0.0173	<0.0033
DUR-7	3970.08	325.37	1008.41	124.78	12.43	129.58	11.78	82.49	14.98	44.56	4.5	31.18	3.5	0.0162	<0.0035
DUR-7	5554.16	627.03	1498.37	213.41	35.67	229.46	81.36	159.64	105.34	112.5	94.77	81.78	69.27	4.55	6.79
DUR-6	4092.97	353.15	1094.02	141.28	15.16	166.54	16.11	92.31	18.48	50.67	6.2	35.96	4.59	0.0268	0.0092
DUR-6	4761.48	358.33	1049.88	135.34	14.21	127.84	15.12	88.21	17.84	47.77	5.97	33.63	4.24	<0.0137	0.0072
DUR-6	4776.7	329.29	996.73	131.74	14.51	119.51	15.16	83.12	16.89	44.03	5.53	32.49	3.95	<0.0125	0.0056
DUR-6	4277.62	354.53	1086.88	135.05	13.56	146.17	14.08	88.29	16.61	48.39	5.44	34.21	3.99	0.0193	0.0053
DUR-6	4277.62	354.53	1086.88	135.05	13.56	146.17	14.08	88.29	16.61	48.39	5.44	34.21	3.99	0.0193	0.0053
DUR-6	4277.62	354.53	1086.88	135.05	13.56	146.17	14.08	88.29	16.61	48.39	5.44	34.21	3.99	0.0193	0.0053
DUR-6	4118.94	323.27	1029.63	136.93	15.48	155.29	16.03	86.47	17.36	46.31	5.69	34.52	4.25	0.0243	0.007
DUR-6	3376.12	283.52	869.32	112.67	10.9	120.75	8.2	72.7	10.34	40.12	3.17	28.58	2.55	0.096	0.0034
DUR-6	3986.71	328.34	1023.59	127.91	12.75	130.38	12.08	84.38	15.32	45.49	4.63	31.49	3.55	<0.0116	0.004
DUR-6	4283.47	355.2	1090.64	135.47	13.58	146.62	14.11	88.57	16.65	48.51	5.46	34.3	4	0.0194	0.0053
DUR-6	3371.48	283.53	869.74	112.65	10.91	120.95	8.2	72.71	10.34	40.14	3.17	28.62	2.559	0.096	0.0034
DUR-6	3992.31	328.31	1024.52	127.98	12.76	130.59	12.08	84.37	15.31	45.51	4.63	31.53	3.55	<0.0116	0.0039
DUR-5	4034.62	345.03	1055.1	136.19	14.76	161.24	15.62	88.38	17.61	48.11	5.88	34.26	4.36	0.0245	0.0077
DUR-5	4652.76	355.25	1052.46	140.96	17.05	134	16.13	94.68	19.3	51.58	6.34	36.37	4.59	0.023	0.0058
DUR-5	4662.38	326.45	998.42	137.07	17.43	125.33	16.19	89.08	18.25	47.61	5.89	35.17	4.26	0.0205	0.0048
DUR-5	4362.86	360.79	1101.48	134.96	13.81	144.23	14.15	88.23	16.58	48.39	5.48	33.82	3.92	0.0191	<0.0042
DUR-5	4044.14	315.04	991.76	131.91	15.06	150.69	15.52	82.77	16.54	43.96	5.4	32.91	4.03	0.0221	0.0059
DUR-5	3358.79	279.95	863.1	109.82	10.6	117.74	7.97	70.18	9.9	38.38	3.03	27.66	2.44	<0.0106	<0.0035
DUR-5	4009.38	328.49	1021.53	126.02	12.69	130.97	11.95	83.83	15.16	45.35	4.62	31.27	3.54	0.0122	0.0031
DUR-5	4371.58	361.84	1107.61	135.64	13.84	144.96	14.2	88.66	16.65	48.58	5.5	33.98	3.93	0.0192	<0.0042
DUR-5	3349.63	279.88	863.5	109.74	10.62	118.05	7.97	70.17	9.9	38.4	3.03	27.71	2.445	<0.0106	<0.0035
DUR-5	4010.15	328.6	1023	126.2	12.7	131.32	11.95	83.94	15.16	45.43	4.63	31.33	3.55	0.0122	0.0031
DUR-4	4185.84	355.96	1098.04	140.23	15.05	184.9	16.37	90.02	17.97	49.72	6.07	34.93	4.56	0.0454	0.0082
DUR-4	4829.22	361.81	1060.25	137.41	14.12	131.43	15.27	89.7	18.01	48.15	5.93	33.46	4.33	0.0234	<0.0070
DUR-4	4817.24	361.24	1058.39	137.41	14.11	131.38	15.25	89.64	18.01	48.14	5.92	33.42	4.33	0.0234	<0.0070
DUR-4	4425.31	367.14	1091.2	139.28	14.96	152.15	15.67	91.26	18.05	49.48	5.94	34.26	4.29	<0.0131	0.0041

Table DR6 (Continued)

DUR-4	4354.68	359.35	1083.94	136.49	13.65	148.46	14.8	90.97	17.37	50.25	5.71	34.48	4.14	0.024	0.0066
DUR-4	4328.45	357.85	1079.45	136.23	13.66	149.04	14.77	90.79	17.37	50.21	5.71	34.5	4.14	0.0242	0.0066
DUR-4	4328.45	357.85	1079.45	136.23	13.66	149.04	14.77	90.79	17.37	50.21	5.71	34.5	4.14	0.0242	0.0066
DUR-4	4032.04	332.74	1024.39	126.99	12.93	132.31	12.13	83.64	15.34	44.97	4.63	31.42	3.53	0.0189	<0.0039
DUR-4	3303.08	281.36	887.82	113.26	10.71	133.03	8.43	73.91	10.25	40.8	3.25	28.46	2.552	0.0173	0.0065
DUR-4	4022.32	332.63	1025.16	127.28	12.96	132.75	12.16	83.86	15.39	45.08	4.64	31.53	3.54	0.0189	<0.0039
DUR-4	4421.47	366.83	1091.56	139.42	14.95	152.85	15.68	91.34	18.04	49.52	5.93	34.29	4.29	<0.0130	0.0041
DUR-3	4067.98	352.84	1090.55	142.74	15.48	187.75	16.8	92.5	18.52	51.42	6.21	36.27	4.66	0.0343	0.0107
DUR-3	4424.62	337.94	1000.65	134.85	17.27	127.54	15.08	88.27	18	47.8	5.95	33.33	4.29	0.0345	<0.0094
DUR-3	4404.63	336.9	997.61	134.83	17.24	127.49	15.05	88.17	17.99	47.77	5.94	33.27	4.29	0.0343	<0.0094
DUR-3	4454.61	368.61	1095.82	139.71	14.94	153.58	15.75	92.14	18.24	49.94	5.95	34.37	4.37	0.0127	0.0047
DUR-3	4456.44	364.16	1105.15	134.25	13.95	147.28	14.37	88.08	16.73	48.45	5.55	33.14	4.05	<0.0113	0.0035
DUR-3	4411.54	361.69	1097.63	133.73	13.95	148.14	14.33	87.82	16.71	48.35	5.54	33.13	4.04	<0.0112	0.0035
DUR-3	4411.54	361.69	1097.63	133.73	13.95	148.14	14.33	87.82	16.71	48.35	5.54	33.13	4.04	<0.0112	0.0035
DUR-3	4046.5	333.09	1022.79	127.28	12.95	132.18	12.22	83.15	15.36	45.11	4.67	31.61	3.58	0.0241	0.0044
DUR-3	3427.17	287.29	909.62	113.27	10.58	133.1	8.41	72.25	10.14	39.86	3.17	28.18	2.552	0.063	0.0024
DUR-3	4029.4	332.84	1023.99	127.73	13.01	132.89	12.27	83.51	15.44	45.29	4.69	31.79	3.59	0.0242	0.0044
DUR-3	4446.58	368.04	1095.38	139.84	14.93	154.63	15.74	92.21	18.22	49.97	5.95	34.42	4.37	0.0127	0.0047
DUR-22	3913.24	303.39	1012.42	131.29	14.81	130.86	13.94	86.65	15.3	45.76	5.01	33.9	3.69	<0.0098	0.00264
DUR-21	3837.49	296.83	978.91	129.26	16.08	130.36	13.97	86.11	15.48	45.39	5	33.47	3.56	0.0181	0.0046
DUR-20	3950.17	333.46	1081.97	135.82	15.63	143.79	14.29	93.31	16.73	50.4	5.62	36.01	3.99	0.0156	0.0396
DUR-20	3957.25	333.49	1081.66	135.8	15.7	143.28	14.26	93.23	16.68	50.32	5.6	35.97	3.98	0.0156	0.0397
DUR-20	3972	306.65	1029.41	132.44	15.95	134.04	14.31	87.95	15.81	46.41	5.19	34.7	3.71	0.0143	0.0304
DUR-2	4908.31	371.17	1080.83	135.5	14.72	136.12	15.26	87.02	17.9	47.36	5.88	32.91	4.11	<0.0190	0.007
DUR-2	4448.04	354.85	1054.92	138.1	14.69	133.67	14.92	87.43	17.79	47.4	5.74	32.89	4.08	<0.023	<0.0078
DUR-2	4370.94	362.46	1068.03	138.67	15.24	181.71	16.53	91.49	18.58	50.58	6.13	34.24	4.36	0.0188	0.008
DUR-2	4236.62	353.88	1097.84	134.67	13.96	185.63	15.19	87.35	16.88	49.03	5.58	33.53	4.03	0.0216	0.0052
DUR-2	3963.25	328.11	1037.27	124.17	12.64	141.04	12.33	83.46	15.39	44.8	4.68	32.45	3.52	0.013	0.0064
DUR-19	3758.41	319.35	1022.16	128.72	14.76	135.62	13.48	86.88	15.69	47.54	5.25	32.91	3.8	0.022	0.0033
DUR-19	3766.46	319.46	1021.24	128.72	14.9	134.95	13.44	86.76	15.61	47.44	5.22	32.87	3.79	0.0221	0.0033
DUR-19	3779.19	293.72	973.57	125.62	15.07	126.32	13.49	81.92	14.81	43.78	4.84	31.69	3.53	0.0201	0.00251
DUR-18	4977.92	354.27	1055.04	137.04	14.18	126.7	15.49	90.29	17.96	49.11	6.03	33.87	4.31	<0.0213	<0.0059
DUR-18	4603.67	341.73	1023	137.85	17.41	127.14	15.89	93.08	18.83	51.7	6.48	35.16	4.48	0.0352	0.0088

Table DR6 (Continued)

DUR-18	3995.71	337.55	1089.78	132.05	13.01	143.09	13.87	87.92	16.18	48.06	5.4	33.23	3.85	0.0157	0.0064
DUR-18	3993.92	335.96	1081.12	131.07	13.04	141.33	13.73	87.13	15.86	47.6	5.24	33.16	3.76	0.0119	0.003
DUR-18	4079.57	334.6	1084	127.64	13.89	134.89	13.22	84.25	15.3	45.59	5.1	32.04	3.59	0.0126	<0.0022
DUR-17	5001.42	356.46	1058.85	138.86	14.32	127.11	15.56	90.98	18.33	48.5	6.08	33.8	4.24	<0.0174	0.0043
DUR-17	4559.68	341.03	1029.37	137.57	15.54	124.35	15	90.23	18.19	48.71	6.11	34.63	4.47	<0.027	0.004
DUR-17	4110.16	344.98	1116.87	134.02	13.07	146.02	14.18	89.3	16.57	48.91	5.46	34.22	3.91	0.0163	0.0052
DUR-17	4192.02	348.74	1110.23	131.51	12.91	142.81	13.68	86.59	15.99	47.45	5.31	33.4	3.83	0.0117	0.004
DUR-17	4309.52	348.81	1116.29	128.77	13.92	137.01	13.25	84.13	15.48	45.62	5.13	32.41	3.67	0.0103	0.0058
DUR-16	5006.24	326.06	996.4	132.69	14.7	116.37	14.95	83.26	17.05	44.08	5.53	31.58	3.94	0.027	0.0056
DUR-16	4975.98	354.54	1048.61	136.23	14.39	124.57	14.91	88.43	18.01	47.9	5.98	32.75	4.23	0.03	0.0073
DUR-16	4532.94	336.88	1016.33	133.81	13.84	120.02	14.81	87.65	17.57	46.44	5.85	32.86	4.2	0.026	<0.0054
DUR-16	4536.7	337.25	1017.69	133.99	13.86	120.24	14.84	87.87	17.61	46.47	5.86	32.94	4.21	0.026	<0.0054
DUR-15	4971.42	322.6	998.94	132.53	14.39	116.86	15.16	83.71	16.97	44.75	5.57	31.76	3.92	<0.0192	0.0083
DUR-15	4938.57	350.69	1050.91	136.03	14.09	125.08	15.13	88.94	17.93	48.65	6.02	32.94	4.21	<0.0211	0.0108
DUR-15	4326.93	326.4	979.5	133.87	18.27	118.75	15.02	90.01	18	47.31	5.92	33.8	4.23	<0.043	<0.0078
DUR-15	4333.25	326.97	981.73	134.17	18.31	119.1	15.07	90.37	18.06	47.37	5.94	33.93	4.24	<0.043	<0.0079
DUR-14	4942.23	354.29	1049.82	135.83	14.22	122.62	14.81	87.7	17.79	47.81	5.9	32.43	4.16	0.023	0.011
DUR-14	4971.83	325.74	998.03	132.33	14.52	114.62	14.85	82.65	16.85	44.04	5.47	31.29	3.87	0.0212	0.0084
DUR-14	4560.44	346.52	1037.47	137.09	15	122.52	14.85	87.1	17.71	46.71	5.8	34.22	4.44	<0.027	<0.0108
DUR-14	4563.63	346.21	1036.57	137.01	15	122.52	14.85	87.11	17.69	46.69	5.8	34.21	4.44	<0.027	<0.0107
DUR-14	4223.94	322.33	1057.21	132.04	13.66	139.96	14.81	84.47	16.23	45.32	5.24	32.81	3.81	0.0211	<0.00205
DUR-14	4089.1	342.45	1100.57	134.44	13.21	149.66	14.48	89.15	16.79	48.93	5.58	33.98	4.01	0.0229	<0.0026
DUR-14	4251.14	354.8	1090.02	135.31	14.34	137.13	14.22	87.54	16.7	47.59	5.5	32.95	3.98	<0.0100	0.0086
DUR-13	5032.62	359.88	1055.2	138.55	14.22	125.81	15.3	89.41	18.22	48.73	6.16	34.6	4.48	0.0281	0.0079
DUR-13	5065.95	330.92	1003.58	134.98	14.53	117.64	15.34	84.26	17.25	44.88	5.71	33.38	4.17	0.0256	0.0061
DUR-13	4535.02	348.94	1055.25	142.13	16.44	126.71	15.95	95.6	19.01	51.3	6.33	36.46	4.58	<0.027	0.0063
DUR-13	4540.53	348.5	1053.88	142.01	16.45	126.72	15.96	95.64	18.99	51.26	6.33	36.47	4.58	<0.027	0.0063
DUR-13	4301.06	329.27	1075.17	131.96	14	141.04	14.53	84.14	16.03	44.93	5.18	32.67	3.81	0.0186	<0.0027
DUR-13	4157.08	349.27	1117.57	134.18	13.53	150.67	14.19	88.7	16.56	48.45	5.51	33.8	4	0.0202	<0.0034
DUR-13	4248.98	354.5	1089.84	133.47	14.26	139.1	14.25	87.64	16.63	47.47	5.46	32.95	3.88	0.0168	0.0058
DUR-12	4878.57	353.84	1047.8	137.7	13.86	126.62	15.2	89.34	18.17	48.23	5.88	33.33	4.27	<0.0223	<0.0093
DUR-12	4906.14	325.38	995.3	134.03	14.15	118.31	15.24	84.19	17.21	44.42	5.45	32.14	3.98	<0.0203	<0.0071
DUR-12	4432.68	332.39	994.78	132.66	14.89	122.28	14.98	86.96	17.73	46.78	5.87	33.34	4.1	<0.035	<0.0075

Table DR6 (Continued)

DUR-12	4422.54	333.26	1001.5	132.71	14.97	122.21	14.95	86.6	17.78	47	5.89	33.27	4.09	<0.035	<0.0075
DUR-12	4117.01	339.75	1016.95	129.77	14	129.96	13.97	84.44	16.39	45.83	5.36	31.64	3.83	0.0097	0.0036
DUR-11	4737.87	348.21	1040.2	143.67	16.56	129.87	15.79	95.66	19.4	51.18	6.36	35.63	4.62	0.0227	0.0066
DUR-11	4768.46	320.31	988.52	139.83	16.92	121.4	15.83	90.16	18.37	47.13	5.9	34.37	4.3	0.0207	0.0051
DUR-11	4791.23	357.7	1053.04	133.24	13.98	120.79	14.85	86.4	17.57	46.91	5.84	33.73	4.17	0.0273	<0.0074
DUR-11	4770.72	358.71	1060.73	133.23	14.04	120.64	14.82	85.98	17.62	47.15	5.88	33.7	4.15	0.0277	<0.0075
DUR-11	4347.67	358.04	1077.69	136.11	14.53	136.24	14.48	87.87	16.96	47.75	5.56	32.75	4.02	<0.0082	0.0068
DUR-10	4667.88	348.42	1044.85	141.29	15.79	129.28	15.84	93.1	18.79	50.04	6.27	35.53	4.63	<0.0181	0.0068
DUR-10	4698.29	320.91	993.25	137.8	16.15	120.98	15.91	87.85	17.82	46.18	5.81	34.37	4.32	<0.0165	0.0052
DUR-10	4617.37	355.95	1053.6	137.31	14.4	125.14	15.25	90.6	18.28	49.1	6.12	34.28	4.27	<0.027	<0.0053
DUR-10	4612.02	356.27	1056.07	138.02	14.43	125.57	15.21	90.79	18.37	49.22	6.13	34.29	4.28	<0.027	<0.0053
DUR-10	4327.59	331.31	1031.63	132.73	15.07	130.74	14.78	83.39	16.49	44.11	5.23	32.25	3.85	0.0222	<0.0024
DUR-10	4071.3	345.77	1071.62	136.34	14.19	150.86	14.67	87.46	16.7	47.49	5.66	33.63	4.2	0.0158	0.0042
DUR-10	3913.54	324.36	1011.44	126.56	12.53	128.85	11.82	83.8	14.85	45.39	4.47	30.86	3.4	0.0167	<0.0032
DUR-10	3913.54	324.36	1011.44	126.56	12.53	128.85	11.82	83.8	14.85	45.39	4.47	30.86	3.4	0.0167	<0.0032
DUR-10	3913.54	324.36	1011.44	126.56	12.53	128.85	11.82	83.8	14.85	45.39	4.47	30.86	3.4	0.0167	<0.0032
DUR-1	4589.46	355.69	1060.95	143.78	17.27	141.05	16.46	95.48	19.17	51.69	6.41	36.29	4.56	0.033	0.0101
DUR-1	4510.08	356.9	1053.62	136.91	14.63	134.29	15.27	88.19	18.17	48.76	5.94	33.69	4.33	<0.034	<0.0113
DUR-1	4322.42	360.31	1065.83	138.88	15.12	191.7	16.67	90.82	18.39	50.42	6.12	34.4	4.37	0.0171	0.0107
DUR-1	4321.26	356.29	1095.21	134.93	13.97	187.57	15.24	87.27	16.86	48.88	5.59	33.65	4.03	0.0441	0.0077
DUR-1	4360.47	344.63	1034.25	126.09	13.16	143.17	12.58	81.4	15.38	43.8	4.43	31.09	3.41	<0.0044	0.0117
DUR-09	4694.8	358.46	1054.07	134.93	14.48	122.27	14.71	85.26	17.39	46.12	5.76	32.77	4.14	<0.035	0.0102
DUR-09	4693.85	358.77	1056.67	135.63	14.49	122.64	14.67	85.37	17.47	46.23	5.77	32.76	4.15	<0.035	0.0102
DUR-06	4551.38	351.74	1047.31	137.23	14.39	124.88	15.04	89.17	17.77	48.56	6.07	32.91	4.25	<0.029	0.0115
DUR-06	4585.72	354.39	1051.26	137.48	14.43	126.49	15.16	89.8	17.93	49.23	6.16	33.14	4.3	<0.030	0.0117
DUR-06	4582.35	353.96	1050.71	137.4	14.43	126.31	15.14	89.72	17.9	49.13	6.15	33.12	4.29	<0.030	0.0117
DUR-05	4523.29	351.57	1037.28	133.27	14.43	119.74	14.62	84.62	17.4	46.48	5.72	32.73	4.08	0.0306	<0.0086
DUR-05	4555.56	354.23	1041.22	133.54	14.46	121.24	14.74	85.22	17.56	47.12	5.79	32.95	4.12	0.031	<0.0087
DUR-05	4552.15	353.65	1040.44	133.43	14.46	121.02	14.72	85.11	17.51	46.99	5.78	32.93	4.11	0.031	<0.0087
DUR-04	4610.82	359.85	1053.41	133.96	14.51	122.1	14.65	84.93	17.42	46.81	5.86	33.36	4.12	0.0359	<0.0112
DUR-04	4598.6	358.72	1048.95	133.63	14.49	122.1	14.61	84.63	17.39	46.74	5.86	33.31	4.11	0.0355	<0.0113
DUR-04	4596.74	358.58	1048.75	133.62	14.49	122.01	14.61	84.6	17.38	46.71	5.86	33.3	4.11	0.0355	<0.0113
DUR-03	4508.75	354.37	1048.66	134.89	14.23	124.16	14.81	86.02	17.57	46.18	5.75	32.46	4.06	0.033	0.006
DUR-03	4493.12	352.59	1044.52	134.21	14.18	124.15	14.76	85.55	17.51	46.13	5.77	32.38	4.04	0.033	0.0058

Table DR6 (Continued)

DUR-03	4489.4	352.33	1044.11	134.19	14.17	123.98	14.75	85.49	17.49	46.06	5.76	32.35	4.04	0.033	0.0058
DUR-02	4392.72	350.01	1065.68	145.21	17.91	137.63	16.46	97.86	19.65	53.12	6.62	37.32	4.69	<0.029	0.0082
DRU-8	4129.27	349.95	1075.03	135.64	14.73	153.76	15.1	87.24	17.14	47.5	5.68	33.38	4.33	0.0188	0.0072
DRU-7	4197.86	322.13	1009.76	130.94	14.89	140.13	15.02	81.44	16.17	43.23	5.28	32.12	4	0.0153	0.0065
DRU-7	4141.76	352.53	1083.65	137.25	14.75	155.33	15.25	88.68	17.36	48.16	5.8	34.34	4.38	0.0172	0.0086
DRU-16	4179.54	319.81	1055.68	131.52	13.56	136.77	14.42	84.92	16.02	45.53	5.21	33.13	3.74	0.0175	<0.0024
DRU-15	4237.47	324.08	1072.39	129.71	13.73	137.07	14.22	83.04	15.74	44.69	5.12	32.78	3.77	0.014	0.0031
BCR-9	49.72	6.04	27.02	6.23	1.882	5.77	0.903	5.53	1.105	3.23	0.419	3.13	0.428	4.23	0.575
BCR-9	43.83	5.96	28.64	6.4	1.855	6.18	0.794	6.31	1.115	3.42	0.386	3.41	0.425	4.78	0.716
BCR-9	43.83	5.96	28.64	6.4	1.855	6.18	0.794	6.31	1.115	3.42	0.386	3.41	0.425	4.78	0.716
BCR-8	50.3	6.58	27.82	6.2	1.888	6.36	0.907	5.71	1.177	3.38	0.451	3.21	0.504	4.57	0.755
BCR-7	51.35	6.16	27.08	6.49	1.907	5.36	0.935	5.41	1.16	3.11	0.381	3.2	0.441	4.32	0.625
BCR-7	45.45	6.05	28.32	6.23	1.814	6.17	0.854	6.24	1.126	3.45	0.468	3.44	0.452	4.67	0.716
BCR-7	45.07	6.01	28.71	6.27	1.843	6.29	0.778	5.99	1.11	3.38	0.409	3.24	0.42	4.77	0.737
BCR-7	560.62	<-0.01	949.26	<-0.06	<-0.02	<-0.00	<-0.07	<-0.10	<-0.07	<-0.05	<-0.14	<-0.19	<-0.24	<-4.18	<-15.09
BCR-6	51.9	6.88	28.84	6.23	2.012	5.96	0.97	5.79	1.147	3.47	0.459	3.2	0.507	4.68	0.825
BCR-6	51.83	6.65	27.97	6.47	1.817	6.02	0.955	6.05	1.23	3.55	0.544	3.24	0.484	4.76	0.744
BCR-6	48.58	6.36	28.64	6.38	1.876	6.25	0.921	5.99	1.13	3.34	0.48	3.16	0.461	4.72	0.774
BCR-5	51.28	6.14	27.49	6.16	1.846	5.49	0.905	5.65	1.105	3.04	0.411	3.13	0.455	4.39	0.588
BCR-5	50.27	6.74	28.13	6.68	1.907	6.44	0.893	6.17	1.248	3.57	0.488	3.07	0.505	4.82	0.81
BCR-5	46.82	6.24	29.13	6.55	1.856	6.63	0.907	6.19	1.159	3.64	0.451	3.4	0.468	5.03	0.751
BCR-5	46.82	6.24	29.13	6.55	1.856	6.63	0.907	6.19	1.159	3.64	0.451	3.4	0.468	5.03	0.751
BCR-5	44.59	5.96	28.99	6.45	1.836	6.33	0.789	6.28	1.128	3.43	0.409	3.29	0.457	4.87	0.751
BCR-5	348.35	46.36	216.23	48.64	13.8	49.23	6.74	45.95	8.62	27.02	3.35	25.23	3.48	37.33	5.58
BCR-5	44.6	5.96	28.97	6.45	1.835	6.32	0.789	6.28	1.128	3.42	0.409	3.29	0.457	4.86	0.751
BCR-4	51.13	6.61	27.86	6.3	1.861	6.21	0.896	6.15	1.189	3.29	0.447	2.96	0.461	4.67	0.733
BCR-4	50.33	6.87	30.1	6.96	1.808	5.98	0.931	5.69	1.293	3.63	0.518	3.12	0.496	5.13	0.779
BCR-4	35.64	4.78	29.01	6.42	1.786	6.78	0.609	6.21	0.921	3.57	0.327	3.52	0.359	5.06	0.657
BCR-4	49.24	6.46	28.31	6.54	1.928	6.25	0.884	5.95	1.168	3.29	0.457	3.13	0.465	4.52	0.739
BCR-3	50.75	5.96	27.5	6.13	2.001	6.09	0.858	5.58	1.177	3.05	0.412	2.9	0.467	4.34	0.599
BCR-3	51.92	6.44	28.34	6.35	1.944	6.3	0.915	6.18	1.129	3.26	0.485	3.58	0.478	4.6	0.806
BCR-3	51.04	6.75	27.63	6.25	1.983	6.03	0.94	6.05	1.179	3.47	0.496	3.42	0.493	4.79	0.82
BCR-3	46.75	6.26	28.45	6.52	1.866	6.3	0.866	5.99	1.142	3.35	0.43	3.4	0.465	4.69	0.72

Table DR6 (Continued)

BCR-3	47.06	6.29	28.59	6.55	1.855	6.28	0.868	6.01	1.144	3.36	0.43	3.4	0.466	4.71	0.724
BCR-3	47.06	6.29	28.59	6.55	1.855	6.28	0.868	6.01	1.144	3.36	0.43	3.4	0.466	4.71	0.724
BCR-3	36.05	4.78	29.24	6.57	1.764	6.63	0.614	6.22	0.888	3.55	0.332	3.43	0.357	4.87	0.627
BCR-3	36.04	4.77	29.17	6.56	1.759	6.6	0.613	6.2	0.887	3.54	0.332	3.42	0.356	4.86	0.627
BCR-2	47.27	6.43	28.64	6.23	1.922	6.44	0.909	6.11	1.211	3.42	0.478	3.37	0.504	4.56	0.787
BCR-2	50.94	6.67	28.58	6.44	1.986	6.07	0.896	5.85	1.163	3.41	0.421	3.26	0.507	5	0.742
BCR-2	49.07	6.44	27.72	6.49	1.905	6.03	0.906	5.84	1.181	3.36	0.466	3.25	0.466	4.51	0.761
BCR-2	48.31	5.99	27.32	6.14	1.978	6.05	0.937	5.75	1.153	3.2	0.436	3.29	0.466	4.22	0.594
BCR-2	35.67	4.8	29.12	6.5	1.652	6.8	0.652	6.31	0.96	3.6	0.314	3.31	0.36	5.19	0.683
BCR-2	47.71	6.59	29.29	6.47	1.954	6.72	0.962	6.2	1.235	3.57	0.481	3.49	0.511	4.74	0.786
BCR-2	49.13	6.45	27.76	6.49	1.904	5.99	0.906	5.85	1.18	3.36	0.466	3.26	0.467	4.51	0.758
BCR-18	45.05	5.49	27.46	6.43	1.863	6.09	0.858	5.69	1.048	3.26	0.388	3.29	0.39	4.42	0.54
BCR-17	44.48	6.06	28.84	6.31	1.81	6.34	0.867	6.21	1.137	3.38	0.428	3.41	0.407	4.98	0.741
BCR-16	46.03	6.09	28.91	6.46	1.859	6.53	0.881	6.27	1.133	3.45	0.448	3.55	0.435	4.75	0.742
BCR-15	47.34	5.91	28.7	6.79	1.971	5.94	0.861	6.04	1.185	3.2	0.395	3.48	0.392	4.74	0.606
BCR-15	46.94	6.31	29.53	6.69	1.798	6.49	0.903	6.19	1.187	3.53	0.455	3.39	0.453	5.01	0.763
BCR-13	47.5	6.3	28.39	6.39	1.874	6.32	0.845	5.93	1.148	3.37	0.444	3.28	0.433	4.86	0.742
BCR-1	48.43	6.6	29.9	6.84	2.073	7.29	1.05	6.49	1.305	3.74	0.487	3.57	0.508	5.04	0.82
BCR-1	52.29	6.9	28.87	6.43	1.946	6.06	0.873	5.9	1.209	3.47	0.455	3.32	0.485	4.74	0.821
BCR-1	256.68	279.45	276.5	287.52	284.83	289.3	274.56	283.87	294.75	292.6	285.11	308.41	290.13	277.45	304.74
BCR-1	50.43	6.74	28.48	6.33	2.054	6.37	0.986	6.07	1.265	3.51	0.531	3.38	0.519	4.82	0.812
BCR-1	44.68	6.1	28.16	6.37	1.854	6.42	0.797	6.27	1.125	3.61	0.432	3.43	0.452	4.96	0.756
BCR-1	43.19	6.03	28.51	6.56	1.914	6.68	0.814	6.44	1.157	3.7	0.441	3.61	0.465	5.06	0.784
BCR-02	50.99	6.7	28.93	6.45	1.924	6.57	0.943	5.59	1.273	3.5	0.511	3.48	0.506	4.71	0.872
BCR-02	51.14	6.73	28.98	6.47	1.925	6.58	0.945	5.63	1.276	3.5	0.508	3.46	0.509	4.76	0.88
BCR-02	51.18	6.73	28.99	6.47	1.926	6.59	0.946	5.63	1.277	3.51	0.509	3.46	0.509	4.76	0.881
BCR-01	51.05	6.84	29.23	6.8	1.92	6.01	0.923	6.05	1.268	3.61	0.492	3.58	0.432	4.74	0.787
BCR	358.22	47.85	216.29	49.18	14.03	51.88	7.02	46.01	9.13	26.93	3.55	26.54	3.64	38.54	5.86
91500-2	1224936.63	6259.63	187635.86	269899.59	134712.53	1083357	467389.78	698448	2695818.5	14990933	3914425	47491788	6910898	3355168512	331615.19
91500-1	<-53.85	<-34.28	<-336.53	<-219.77	<-70.70	<-247.55	<-43.83	<-243.88	<-62.30	<-150.99	<-36.84	<-247.42	<-50.14	<-148.03	<-48.67
91500-1	10213.85	75.65	1018.76	2204.75	1298.55	10209.67	4111.82	58734.89	23249.64	126622.84	34124.8	394945.88	61204.7	27615498	2523.84
91500-04	<-37.11	<-18.05	<-149.65	<0.00	<-64.74	<0.00	<-38.71	<-73.74	<-26.36	<0.00	<-17.02	<-143.85	<0.00	<-113.08	<-30.96
91500-03	<-20.75	<-14.28	<0.00	<0.00	<-12.78	<-66.34	<0.00	<-71.45	<-12.75	<-42.61	<0.00	<-80.31	<0.00	<-25.82	<-12.23

Table DR6 (Continued)

91500-02	<-29.24	-32.62	<-176.31	<-165.80	<-0.00	<-197.93	<-16.68	<-159.26	<-17.93	<-51.93	<-32.69	<-195.69	<-17.34	<-0.00	<-0.00
91500-01	<-66.21	<-55.87	<-325.50	<-458.90	<-121.83	<-0.00	<-0.00	<-161.38	<-99.31	<-0.00	<-73.87	<-442.47	<-0.00	<-247.16	<-47.75
91500-01	<-23.05	<-44.28	<-103.33	<-285.59	<-75.00	<-263.83	<-28.47	<-69.18	<-46.76	<-152.18	<-35.72	<-93.01	<-33.70	<-110.57	<-36.48
91500-01	100453.88	602.37	20906.46	25170.38	10858.78	89261.48	39650.26	601951.19	234907.22	1313052.38	340957.16	4263433	615670	306400128	31367.18
610-9	443.37	466.03	452.72	460.69	448.81	447.04	440.77	452.58	472.52	460.02	450.24	473.72	466.76	454.82	485.89
610-9	445.94	428.39	430.03	448.75	458.46	417.52	441.82	426.44	447.56	423.99	417.03	457.14	434.47	415.53	373.28
610-9	446.35	428.26	430.85	449.7	461.94	420.81	441.99	425.83	448.91	426.92	420.79	462.22	434.87	417.48	376.14
610-9	445.5	468.78	454.76	462.81	451.34	451.79	442.38	453.92	474.98	462.43	454.72	479.94	467.97	458.54	490.74
610-9	3389.21	<-0.02	5619.73	<-0.17	<-0.42	<-0.16	<-0.06	<-0.09	<-0.10	<-0.06	<-0.13	<-0.14	<-0.14	<-9.66	<-28.66
610-9	443.25	464.96	449.87	458.68	450.29	445.87	438.37	448.81	469.32	460.08	448.82	474.13	460.38	453.12	484.58
610-9	443.25	464.96	449.87	458.68	450.29	445.87	438.37	448.81	469.32	460.08	448.82	474.13	460.38	453.12	484.58
610-9	447.6	468.89	452.99	463.77	452.89	451.49	442.45	453.29	476.63	464.91	454.93	478.63	466.89	458.95	492.17
610-8	451.08	472.85	459.39	467.37	454.66	450.68	446.41	456.58	480.66	469.47	459.04	483.31	471.23	462.53	494.33
610-8	452.52	433.93	435.86	454.38	463.55	420.28	446.86	429.65	454.39	431.39	424.4	465.24	438.26	421.42	379.07
610-8	447.04	468.75	452.59	463.25	452.54	451.41	442.35	453.16	476.8	465.1	454.85	478.33	466.83	458.71	491.89
610-8	2099.49	1983.71	1958.83	2040.48	2111.76	1871.76	2017.26	1913.98	2047.55	1914.79	1912.02	2063.31	1978.1	1885.2	1711.71
610-8	443.8	466.34	447.18	457.45	449.79	450.78	439.72	452.66	470.61	458.67	451.83	478.74	462.76	453.32	484.17
610-8	448.16	467.77	454.66	463.16	454.2	448.85	441.66	450.54	473.56	461.2	452.62	477.77	466.82	456.3	492.56
610-8	448.62	468.4	454.86	464.8	459.65	451.31	443.79	454.38	478.24	463.57	455.23	479.18	471.05	460.72	495
610-8	2072.97	2185.03	2102.17	2151.3	2084.51	2090.36	2059.26	2092.1	2225.07	2135.31	2126.08	2192.92	2183.48	2124.59	2291.27
610-8	634.63	951.55	686.74	849.29	1389.03	852.47	3049.65	988.15	3614.42	1262.4	9368.22	1365.47	9897.16	79464.56	958030.19
610-8	446.81	469.82	454.7	464.68	452.08	451.24	442.47	452.95	474.09	462.62	453.33	478.57	465.93	457.02	489.54
610-7	444.17	466.9	454.99	462.17	451.01	448.16	441.36	452.54	473.12	460.72	452.71	479.21	466.89	456.72	488.67
610-7	441.58	463.75	449.22	459.15	449.71	449.49	438.1	449.78	470.07	457.38	449.65	475.31	463.22	454.05	487.42
610-7	443.32	425.77	425.97	446.69	458.7	419.56	438.83	423.41	444.54	420.81	415.9	457.76	431.24	414.07	374.12
610-7	445.03	467.29	455.34	462.77	451.49	448.68	441.67	452.85	473.32	461.05	453.21	479.64	467.17	457.34	489.4
610-7	2090.65	1979.3	1947.53	2034.56	2103.76	1871	2011.43	1920.74	2046.93	1917.05	1907.34	2064.32	1966.29	1889.41	1700.7
610-7	445.79	467.86	453.89	462.89	451.96	450.03	441.84	452.9	474.87	462.91	453.94	478.93	466.87	457.91	490.43
610-7	444.5	468.12	453.48	462.9	450.47	450.73	442.22	454.75	476.05	464.35	454.96	479.84	467.07	459.21	489.2
610-7	443.02	467.4	452.87	460.91	444.23	448.45	439.83	451.37	471.24	462.16	452.44	478.51	462.34	454.96	485.62
610-7	2078.65	2161.97	2077.93	2118.35	2077.66	2073.35	2035.05	2055.89	2182.65	2097.65	2092.54	2184.53	2149.91	2080.8	2250.01
610-7	615.12	903.1	670.53	815.87	1316.92	807.99	2895.38	914.93	3446.31	1206.86	8884.42	1293.53	9417.79	75720.59	909563.13
610-7	445.25	466.29	453.38	461.43	451.97	448.77	441.6	453.09	476.05	463.47	454.71	479.46	468.11	459.14	491.73

Table DR6 (Continued)

610-6	462.56	471.64	456.06	462.55	459.2	449.99	439.52	452.1	470.81	457.59	451.48	479.08	464.25	454.04	491.7
610-6	444.48	468.9	452.77	463.72	451.93	449.6	443.61	453.62	476.8	463.82	455.95	481.58	467.65	458.59	493.02
610-6	446.65	430.97	429.76	451.29	461.05	419.03	444.3	426.94	451.2	426.67	421.89	463.84	435.12	418.38	378.53
610-6	450.59	471.13	456.71	465.8	452.97	449.83	445.57	455.53	477.94	465.11	455.6	480.81	469.99	460.35	494.59
610-6	450.59	471.13	456.71	465.8	452.97	449.83	445.57	455.53	477.94	465.11	455.6	480.81	469.99	460.35	494.59
610-6	451.04	432	435.36	452.43	463.48	421.75	445.4	428.9	451.58	427.7	423.21	464.11	437.12	419.56	378.92
610-6	449.77	470.57	457.45	466.03	452.89	452.84	446.5	455.7	481.28	466.77	458.04	483.86	474.94	460.84	497.54
610-6	447.87	469.43	453.82	463.27	450.78	450.83	442.5	452.48	475.2	463.84	454.71	480.46	466.27	457.42	490.27
610-6	450.64	471.07	456.38	465.49	452.96	449.42	445.49	455.32	477.8	464.91	455.41	480.58	469.87	460.09	494.44
610-6	450.37	470.81	457.7	466.34	453.07	452.84	446.92	456	481.84	467.02	458.44	484.06	475.4	461.19	498.25
610-6	447.93	469.46	453.68	463.23	450.68	450.63	442.53	452.38	475.21	463.78	454.69	480.32	466.2	457.24	490.2
610-5	440.61	466.5	453.07	463.07	449.5	449.81	442.6	453.14	476.24	464.71	454.66	478.81	467.7	459.18	489.83
610-5	447.48	466.92	455.27	462.14	451.9	450.46	440.34	452.29	473.18	462.05	452	476.45	466.4	457.23	488.08
610-5	449.07	428.86	431.98	449.91	461.24	420.74	441.56	426.21	447.92	425.58	418.6	459.48	434.44	417.2	374.91
610-5	445	466.61	456.48	464.6	453.81	450.44	444.31	452.78	474.99	464.86	454.67	479.32	468.05	460.01	492.67
610-5	441.55	464.84	451.23	460.17	450.86	450.05	438.37	450.31	471.93	460.82	452.27	476.99	463.87	455.56	486.49
610-5	441.55	464.84	451.23	460.17	450.86	450.05	438.37	450.31	471.93	460.82	452.27	476.99	463.87	455.56	486.49
610-5	444.77	427.73	426.55	448.67	458.86	418.15	440.36	424.24	447.35	424.39	417.2	459.04	432.42	415.94	374.42
610-5	442.24	465.35	450.46	459.96	451.14	447.09	437.49	450.16	468.75	459.17	449.94	474.08	459.3	455.01	483.6
610-5	444.1	466.53	454.19	462.6	453.24	449.13	441.47	453.47	474.77	462.02	453.25	477.5	467.71	458.52	490.85
610-5	441.88	465.24	451.84	460.74	451.12	450.54	438.87	450.9	472.48	461.27	452.72	477.56	464.42	456.1	487.16
610-5	442.23	465.48	450.69	460.06	451.43	447.48	437.71	450.35	469.13	459.4	450.09	474.45	459.88	455.24	484.09
610-5	444.17	466.6	454.32	462.78	453.29	449.4	441.49	453.6	474.8	462.25	453.33	477.74	467.78	458.74	490.99
610-4	449.92	472.85	458.04	464.38	454.38	453.41	446.23	455.89	478.64	465.99	457.54	481.79	471.18	461.31	497.5
610-4	448.02	470.3	454.25	464.98	455.18	449.39	441.55	454.18	474.23	464.91	453.55	476.46	465.44	460.42	490.86
610-4	448.72	470.95	454.63	465.18	455.63	449.28	441.7	454.37	474.25	465.1	453.62	476.62	465.29	461.02	491.09
610-4	447.03	469.43	451.53	461.39	450.19	449.56	439.71	453.22	475.01	461.14	453.33	478.68	465.95	455.99	488.53
610-4	445.16	466.64	452.79	461.6	451.22	450.65	440.95	452.49	472.69	461.6	453.19	478.59	466.36	455.5	489.42
610-4	443.97	468.08	454.36	463	454.72	452.83	443.43	455.38	477.08	463.94	455.84	482.35	469.45	459.12	493.08
610-4	445.03	468.85	454.98	463.4	454.89	452.25	443.75	455.72	477.41	464.14	456.06	482.36	469.7	459.54	493.48
610-4	445.03	468.85	454.98	463.4	454.89	452.25	443.75	455.72	477.41	464.14	456.06	482.36	469.7	459.54	493.48
610-4	446.34	468.8	454.02	466.13	452.62	451.3	443.02	454.64	476.16	466.22	455.12	480.3	468.35	459.76	493.07
610-4	446.89	470.16	456.6	462.96	451.05	451.71	444.22	456.48	478.5	464.89	455.82	481.23	468.64	461.88	497.33

Table DR6 (Continued)

610-4	446.89	469.03	453.97	466.06	452.17	450.92	442.79	454.35	475.79	466.07	454.81	479.86	467.95	459.61	492.52
610-4	445.31	466.79	452.84	461.49	451.26	450.23	440.97	452.4	472.67	461.42	453.21	478.54	466.39	455.41	489.5
610-3	442.15	462.95	449.72	461.48	449.58	446.33	437.47	449.86	471.03	459.66	450.17	475.99	462.49	454.36	483.41
610-3	443.58	465.32	453.54	460.86	448.54	450.81	442.46	451.77	475.86	461.03	454.62	481.66	468.76	455.29	490.23
610-3	443.38	465.28	453.34	460.97	448.6	450.68	442.36	451.72	475.81	461.05	454.46	481.44	468.7	455.19	490.24
610-3	415.52	452.34	447.32	467.47	459.1	465.84	438.32	452.87	478.81	467.45	457.51	489.36	468.3	449.87	487.84
610-3	446.8	469.4	455.2	464.49	452.8	449.19	443.07	453.56	477.43	464.46	454.85	479.28	467.68	460.69	491.83
610-3	447.87	467.79	453.49	462.92	449.2	447.22	440.49	450.55	472.85	461.96	452.07	475.59	464.43	456.79	487.96
610-3	447.17	467.38	453.24	462.79	449.4	447.91	440.59	450.63	472.94	462.06	452.19	476.01	464.69	456.7	488.18
610-3	447.17	467.38	453.24	462.79	449.4	447.91	440.59	450.63	472.94	462.06	452.19	476.01	464.69	456.7	488.18
610-3	445.28	466.06	451.67	463.14	452.95	448.47	440.06	449.83	471.94	461.34	452.42	477.06	465.71	454.47	484.67
610-3	445.25	467.09	454.02	460.15	451.78	449.18	441.27	451.7	474.27	460.18	453.27	478.26	466.07	456.46	488.78
610-3	446.69	469.23	455.13	464.51	452.7	449.85	443	453.56	477.18	464.48	454.72	479.41	467.52	460.42	491.59
610-22	448.69	430.17	432.48	451.11	464.36	421.97	443.9	428.76	450.8	427.53	421.92	464.54	435.62	419.41	376.7
610-21	446.81	429.42	429.12	449.9	458	417.95	441.79	424.34	448.06	424.56	418.41	458.49	433.9	416.06	376.65
610-20	447.41	467.63	452.97	462.59	447.9	446.13	439.3	449.44	472.52	459.84	449.84	476.83	463.32	455.27	486.47
610-20	447.37	467.77	453.11	462.65	446.89	446.4	439.58	449.51	472.95	460.05	450.11	476.96	463.74	455.45	486.04
610-20	449.49	429.53	429.64	449.92	456.47	416.13	440.08	422.9	447.18	422.92	416.26	459.43	431.34	415.01	373.15
610-2	448.86	470.39	456.06	463.07	452.9	448.43	442.43	452.43	474.83	462.04	452.65	480.73	466.73	459.23	491.57
610-2	76.06	10.22	43.68	10.14	3.13	10.83	1.405	9.61	1.896	5.47	0.669	5.56	0.81	7.33	1.329
610-2	447.81	468.68	455.62	462.74	452.5	452.94	442.94	452.59	475.62	463.28	454.08	482.29	466.89	457.31	490.95
610-2	450.52	470.36	456.65	464.56	453	448	443.05	453.6	475.6	464.46	454.99	479.33	468.64	459.36	493.01
610-19	444.28	468.15	454.88	463.36	456.7	454.34	444.89	456.72	477.6	466.28	458.55	481.3	470.88	460.68	494.94
610-19	444.65	468.24	454.89	463.36	457.29	453.67	444.46	456.56	477.07	466	458	481.05	470.33	460.58	495.28
610-19	446.34	430.06	431.93	451.05	465.56	423.47	445.35	429.92	451.5	428.9	423.75	463.52	437.85	420.25	379.81
610-18	447.84	469.17	455.49	464.33	451.63	449.55	443.02	455.57	474.33	462.7	453.88	478.14	468.57	457.37	493.1
610-18	442.07	465.17	450.46	461.34	446.75	447.8	440.24	451.75	473.15	459.95	451.92	479	465	455.81	489.9
610-18	446.48	469.02	455.15	464.74	455.26	452.45	444.93	457.15	480.01	467.95	458.76	482.86	472.54	463.44	496.63
610-18	447.47	469.68	455.57	463.61	451.14	449.55	442.52	454.33	475.81	464.29	454.58	479.45	468.27	460.1	492.22
610-18	468.58	418.01	439.67	422.81	388.78	388.1	407.34	424.39	451.83	367.31	405.85	439.97	449.98	421.4	707.31
610-17	444.12	466.87	452.44	461.58	452.47	450.57	440.99	450.4	475.84	463.39	454.18	479.97	465.49	458.76	488.07

Table DR6 (Continued)

610-17	450.48	471.11	457.94	464.81	457.93	452.29	443.88	454.14	476.92	466.37	456.22	478.83	469.05	460.27	491.2
610-17	445.44	466.84	452.74	461.13	448.47	447.27	438.81	448.54	469.69	457.78	449.02	474.76	461.11	452.19	484.35
610-17	444.93	466.52	452.52	462.43	452.21	449.89	441.21	451.41	474	461.49	452.97	478.33	465.45	455.87	488.69
610-17	446.25	468.29	453.84	463.16	451.07	449.39	441.55	452.19	474.57	462.87	453.23	478.68	466.18	457.51	488.62
610-16	446.49	427.61	430.35	450.74	459.31	417.95	441.41	424.54	446.87	424.6	419.11	460.51	431.84	416.17	375.09
610-16	444.85	465.64	453.68	463.43	450.23	447.95	440.57	450.87	472.26	461.36	452.89	477.93	463.85	456.1	488.68
610-16	446.69	470.1	454.43	463.5	454.71	452.98	444.19	457.91	478.26	464.13	456.68	482.64	471.14	461.78	494.45
610-16	446.49	470.04	454.2	463.33	454.52	452.82	444.05	457.78	478.14	463.97	456.49	482.57	471.15	461.48	494.32
610-16	448.34	430.79	431.19	450.57	463.05	422.19	444.62	428.42	451.23	427.02	420.74	464.45	437.72	420.23	377
610-16	446.93	469.57	454.82	463.45	454.4	452.92	444.35	455.58	477.58	464.64	455.14	482.66	470.91	461.45	491.55
610-15	449.07	432.01	431.15	450.08	462.84	421.71	444.13	428.37	451.85	427.35	420.99	462.41	437.55	419.16	378.05
610-15	447.17	470.31	454.36	462.65	453.68	451.93	443.41	455.14	477.6	464.55	455.05	479.98	470.1	459.79	492.54
610-15	445.28	465.76	453.46	462.39	449.17	446.95	439.6	448.06	471.58	461.87	451.21	475.15	462.77	454.09	486.62
610-15	445.36	465.98	453.65	462.62	449.43	447.29	440.02	448.57	472.02	461.95	451.6	475.69	463.11	454.69	487.14
610-15	447.27	428.76	430.39	450.42	459.09	417.53	440.92	424.49	447.53	424.89	419.4	458.44	431.64	415.05	376.13
610-15	445.17	466.62	453.3	462.68	449.98	447.46	440.02	450.87	472.91	461.76	453.2	475.88	463.76	455.15	490.04
610-14	448.01	470.05	456.85	467.41	454.65	455.26	444.46	456.98	479.64	465.5	457.31	481.65	470.74	461.22	494.41
610-14	449.73	431.67	433.55	454.97	463.86	424.95	445.35	430.4	453.94	428.42	423.28	464.17	438.34	420.9	379.59
610-14	446.48	470.64	456.29	465.44	454.39	450.67	446.37	453.73	478.56	462.38	456.05	483.38	469.53	460.91	493.48
610-14	446.33	470.58	456.28	465.38	454.17	450.55	446.03	453.54	478.38	462.45	455.91	483.04	469.32	460.61	493.25
610-14	447.22	430.42	430.94	450.61	461.47	420.6	443.38	427.46	449.55	427.16	420.81	462.68	434.97	419.18	377.63
610-14	447.51	470.3	455.76	464.37	452.25	452.05	444.8	454.9	477.58	465.69	456.66	480.55	470.13	460.03	492.49
610-13	444.01	466.02	451.12	458.71	449.39	444.83	439.56	449.08	470.55	460.48	450.73	476.27	463.36	454.78	486.98
610-13	446	428.02	428.29	446.49	458.54	415.32	440.44	422.93	445.26	423.76	417.21	459.04	431.33	414.76	373.86
610-13	445.58	465.69	451.94	460.8	449.94	449.51	438.19	452.52	471.93	463.62	452.24	475.21	464.88	455.52	488.15
610-13	445.66	465.45	451.73	460.64	449.85	449.45	438.07	452.46	471.68	463.56	452.1	475.02	464.7	455.41	487.98
610-13	448.4	429.25	430.68	450.4	460.84	419.34	442.33	425.67	449.35	424.93	419.44	460.51	434.6	416.4	375.62
610-13	444.59	465.85	452.34	461.71	451.77	448.07	439.39	451.22	472.59	460.49	451.53	477.54	464.09	456.1	488.83
610-12	446.21	467.18	455.92	462.87	452.18	451.96	442.79	453.95	474.19	464.36	455.14	481.81	467.22	459.87	488.68
610-12	447.87	428.91	432.49	450.31	461.21	421.35	443.47	427.23	448.42	427.02	420.89	463.94	434.83	419.24	375.09
610-12	446.02	468.12	454.11	463.11	452.1	450.03	442.19	453.03	475.16	462.97	454.09	479.19	467.11	458.12	490.72
610-12	445.91	468.82	456.89	463.07	454.74	450.14	441.88	451.12	476.46	464.62	455.74	478.21	465.63	458.71	490.33
610-12	447.5	469.36	454.75	463.43	451.75	449.72	443.06	452.14	475.73	462.32	453.17	480.39	466.69	458.22	491.09

Table DR6 (Continued)

610-11	445.88	468.86	452.31	463.29	451.93	448.36	441.35	452.25	475.95	461.82	453.05	476.48	466.94	456.37	492.59
610-11	447.65	430.65	429.07	450.62	460.87	418.34	442.08	425.76	450.32	424.88	419.17	458.86	434.56	416.06	378.01
610-11	446.98	466.54	448.3	462.88	447.03	450.25	443.01	457	472.32	459.54	450.68	480.96	470.12	456.14	491.55
610-11	446.14	467.17	451.1	462.81	449.26	449.77	442.18	454.85	473.44	461.32	452.23	479.77	468.32	457.3	490.8
610-11	444.66	466.78	453.32	462.62	452.23	450.25	441.05	453.79	474.34	463.62	454.76	477.75	467.28	457.8	490.16
610-10	448.38	469.73	455.03	465.08	455.04	452.89	443.02	453.26	477.2	465.67	457.53	484.09	467.06	460.95	495.15
610-10	449.79	431.26	431.69	452.35	463.94	422.5	443.87	426.59	451.32	428.18	423.45	466.32	434.95	420.09	380.14
610-10	445.02	468.55	455.18	465.69	453.1	452.02	440.73	454.39	477.8	464.67	455.37	479.51	468.53	457.83	492.37
610-10	443.66	468.98	456.15	468.12	454.12	453.95	439.56	456.09	480.28	466.16	456.81	480.38	470.22	457.89	493.86
610-10	449.31	431.4	430.75	451.32	460.25	418.97	443.64	427.19	449.9	425.07	419.4	460.76	434.52	417.93	377.07
610-10	446.39	467.26	453.24	463.18	452.54	448.34	441.65	452.23	475.09	463.64	453.37	478.16	466.08	457.56	490.38
610-10	4193.61	<-0.02	8196.02	<-0.17	<-0.05	<-0.05	<-0.04	<-0.05	<-0.04	<-0.06	<-0.10	<-0.13	<-0.21	<-5.18	<-22.96
610-10	448.82	471.13	458.25	467.45	453.74	454.26	445.75	457.32	480.96	465.99	459.42	484.03	474	463.05	496.91
610-10	448.82	471.13	458.25	467.45	453.74	454.26	445.75	457.32	480.96	465.99	459.42	484.03	474	463.05	496.91
610-10	448.82	471.13	458.25	467.45	453.74	454.26	445.75	457.32	480.96	465.99	459.42	484.03	474	463.05	496.91
610-10	443.67	466.09	452.22	463.09	451.44	451.36	441.58	453.6	475.1	464.01	455.18	477.29	467.12	457.1	489.76
610-1	71.96	10.25	45.19	9.98	3.24	11.04	1.454	8.79	1.981	5.47	0.764	5.1	0.808	7.66	1.364
610-1	444.38	467.35	452.51	463.18	451.52	447.44	441.12	453.34	474.35	462.69	453.89	476.09	467.07	458.52	490.24
610-1	442.09	465.97	451.71	461.63	451.23	451.9	441.14	452.57	474.55	461.76	453.21	478.84	465.67	456.85	488.61
610-1	443.16	465.26	451.38	460.54	453.94	449.79	441.28	451.81	474	462.86	452.91	478.79	467.81	456.92	494.78
610-09	446.9	467.54	453.06	460.59	451.12	448.19	443.17	451.67	472.57	461.56	452.84	478.51	465.57	458.18	489
610-09	445.95	467.96	454.07	462.99	451.97	449.93	441.98	452.99	474.91	462.9	453.96	479.03	467.01	457.97	490.54
610-06	445.81	467.83	453.95	462.88	451.86	449.91	441.94	452.94	474.81	462.88	453.77	478.97	466.9	457.88	490.46
610-06	449.54	471.35	455.65	463.6	453.26	456.01	445.4	456.23	478.87	469.23	460.74	482.56	471.46	463.89	496.74
610-06	449.22	471.16	455.61	463.55	453.09	455.7	445.3	456.1	478.7	468.98	460.3	482.4	471.39	463.4	496.22
610-05	439.14	461.05	448.7	459.39	448.09	436.59	433.53	444.85	466.37	449.46	439.8	471.33	457.09	445.57	477.86
610-05	442.97	465.1	452.48	462.5	450.92	444.85	439.04	450.16	471.69	457.7	448.27	475.84	463.11	452.94	485.37
610-05	442.65	464.73	452.35	462.33	450.77	444.38	438.71	449.89	471.19	457.1	447.74	475.62	462.63	452.65	485.04
610-04	448.91	470.53	454.43	464.75	454.12	451.06	442.54	453.34	477.45	464.69	457.56	479.24	468.05	459.62	492.08
610-04	449.38	471.01	454.91	465.07	454.52	451.6	442.98	453.99	478.36	465.1	458.11	479.44	468.73	460.06	493.05
610-04	449.58	471.2	455	465.1	454.59	451.94	443.17	454.18	478.59	465.45	458.49	479.64	468.99	460.38	493.38
610-03	442.8	465.28	453.31	460.93	449.69	448.68	441.32	452.27	472.27	461.11	450.32	478.55	465.7	456.07	488.91
610-03	442.95	465.28	453.17	461.11	449.71	448.53	441.1	452.09	471.96	461.09	450.31	478.59	465.41	456.12	488.37
610-03	442.96	465.29	453.17	461.11	449.72	448.55	441.11	452.1	471.98	461.1	450.33	478.6	465.43	456.13	488.39

Table DR6 (Continued)

610-02	448.7	469.39	457.07	466.21	453.4	452.59	443.51	457.7	477.53	464.66	454.57	481.4	469.61	460.97	492.55
610-01	443.66	466.87	451.13	460.09	450.82	447.63	440.6	448.64	472.79	461.54	453.71	476.74	464.61	455.32	488.86