

ASX and Media Release  
30 April 2025

## POTENTIAL TIER 1 DISCOVERY ON RARE EARTH AND NIOBIUM DEPOSIT AT KAMEELBURG

### Highlights

- Assays for diamond holes ND004, ND004A, ND004B, ND004C, ND002 & ND005 have been received and confirm a significant strategic polymetallic discovery at Kameelburg comprising Rare Earth (REE), Niobium (Nb) and Molybdenum (Mo).
- Assays for all 6 holes received to date confirm all holes have ended in mineralization and remain open at depth. Assays for an additional 8 diamond holes remain outstanding and another 3 diamond holes are to be drilled to complete the Phase I drilling program.
- Mineralisation at Kameelburg appears to be extensive and has a clear zonation pattern with the upper layer being enriched in rare earths, forming a rare earth-niobium-molybdenum deposit and the lower layer being niobium-rich, forming a niobium-rare earth deposit.
- Assay grades across the three diamond holes orientating the North-South view are summarised as follows with full results set out in Appendix 1:

#### DD004 – 520.4m

##### Upper Layer REE dominant (From 5 m to 385m)

- 285 m at 1.68% TREO<sup>1</sup>, 0.19% Nb<sub>2</sub>O<sub>5</sub> and 441ppm Mo including:  
35 m at 2.01%, 0.16% Nb<sub>2</sub>O<sub>5</sub> and 480 ppm Mo from 4m  
36m at 2.01% TREO, 0.23% Nb<sub>2</sub>O<sub>5</sub> and 324 ppm Mo from 103m  
156m at 2.04% TREO, 0.21% Nb<sub>2</sub>O<sub>5</sub> and 535 ppm Mo from 159m

##### Lower Layer Nb dominant (From 386 m to 514m)

- 126m at 0.96% TREO & 0.35% Nb<sub>2</sub>O<sub>5</sub> from 386 to EOH, including:  
46m at 0.86% TREO and 0.40% Nb<sub>2</sub>O<sub>5</sub> from 386m

#### DD004A – 535.5m

##### Upper Layer REE dominant (From 1m to 104m)

- 83.3 m at 1.94% TREO, 0.17% Nb<sub>2</sub>O<sub>5</sub> and 212ppm Mo including:  
37 m at 2.133% TREO from 1m

##### Lower Layer Nb dominant (From 130m to 512m)

- 32.9m at 1.17% TREO & 0.33% Nb<sub>2</sub>O<sub>5</sub> from 134.3m  
- 28.5m at 0.71% TREO & 0.23% Nb<sub>2</sub>O<sub>5</sub> from 330.3m

<sup>1</sup> TREO includes: Cerium (Ce), Dysprosium (Dy), Erbium (Er), Europium (Eu), Gadolinium (Gd), Holmium (Ho), Lanthanum (La), Lutetium (Lu), Neodymium (Nd), Praseodymium (Pr), Scandium (Sc), Samarium (Sm), Terbium (Tb), Thulium ('Tm), Yttrium (Y), Ytterbium (Yb)

<sup>2</sup> TSX:IMG IAMGOLD NI43-101 Technical Report December 2013.

#### DD04C – 515.4m

##### Upper Layer REE dominant (From 1m to 157m)

- *148m at 1.56% TREO, 0.15% Nb<sub>2</sub>O<sub>5</sub> & 285ppm Mo, Including  
42m at 2.1245% TREO, 0.19% Nb<sub>2</sub>O<sub>5</sub> & 500ppm Mo from 0m, and  
39m at 1.80% TREO, 0.13% Nb<sub>2</sub>O<sub>5</sub> & 172ppm Mo from 49 m*

##### Lower Layer Nb dominant (From 190m to 515.4m)

- *279.4m at 0.50% TREO & 0.24% Nb<sub>2</sub>O<sub>5</sub> from 236m to EOH, including  
39.4m from 448.7 m at 0.61% TREO & 0.37% Nb<sub>2</sub>O<sub>5</sub>*

#### DD002 – 294.97m

##### Upper Layer REE dominant (From 1m to 97m)

- *97m at 2.25% TREO, 0.17% Nb<sub>2</sub>O<sub>5</sub> & 317ppm Mo*

##### Lower Layer Nb dominant (From 179m to 294m)

- *115m at 0.83% TREO & 0.30% Nb<sub>2</sub>O<sub>5</sub> from 179m to EOH*

#### DD005 - 440m

##### Upper Layer REE dominant (From 1m to 97m)

- *97m at 2.31% TREO, 0.17% Nb<sub>2</sub>O<sub>5</sub> & 186ppm Mo*

##### Lower Layer Nb dominant (From 193m to 440m)

- *247m at 0.92% TREO & 0.24% Nb<sub>2</sub>O<sub>5</sub> from 193m to EOH*

- Assay grades across the remaining diamond holes NE-SW view that have been received is summarised as follows:

#### DD004B – 535.5m

##### Upper Layer 1 REE dominant (From 1m to 160 m)

- *160m at 1.77% TREO, 0.18% Nb<sub>2</sub>O<sub>5</sub> & 388ppm Mo*

##### Upper Level 2 REE dominant (From 235m to 356m)

- *160m at 1.83% TREO, 0.19% Nb<sub>2</sub>O<sub>5</sub> & 355ppm Mo*

##### Lower Layer 1 Nb dominant (From 161m to 234m)

- *74m at 1.23% TREO & 0.28% Nb<sub>2</sub>O<sub>5</sub> & 222ppm Mo*

##### Lower Layer 2 Nb dominant (From 190m to 515.4m)

- *91m at 0.98% TREO & 0.34% Nb<sub>2</sub>O<sub>5</sub> & 187ppm Mo from 356m to EOH*

- Assays for Hole 4 and Hole 4A confirm mineralisation extends at least 325 meters in width and 500 meters in depth. Mineralisation appears open in both directions. Assays for the Rare Earth assemblage are well understood and demonstrate predominantly Neodymium (Nd), Praseodymium (Pr), Lanthanum (La) and Cerium (Ce) mineralisation. Nd+Pr as the most valuable elements in LREE, accounts for 19.12%, 20.38% and 19.48% of total REE in holes DD004, DD004A and DD004C respectively. These are the average ratios in most carbonatite REE deposits in the world.
- Niobium grade clearly appears to be increasing at depth. The remaining diamond holes currently being drilled through outsourced contractor due to ARN's own rig capacity in depth and are expected to provide additional understanding of grade at depth and confirm the scale of the orebody.

- Given the significant semi continuous mineralisation to depth coupled with grade, strike, proximity to commercial infrastructure the Kameelburg project is shaping up to be a potential Tier 1 polymetallic discovery:
  - Location near excellent infrastructure, including presence of a well-maintained heavy haul freight railway between the Namibian capital & Walvis Bay Industrial Port.
  - Carbonatite is within 1km of the bitumen C33 Highway.
  - A 220 kV hydropower transmission line passes within 7km of the Project.
  - Namibia held in high regard as a mining & resources jurisdiction.
- Further assays are expected in May and will assist in determining the extent of the mineralisation to the East & West. DD06 assays will also confirm if mineralisation extends an additional ~500m to the South based on current announcement of North-South mineralisation strike.
- The outlook for the Kameelburg strategic metal basket (REE-Nb-Mo) remains strong given the underlying green energy-EV thematic in addition to recent global supply issues.

Aldoro Resources Ltd (“**Aldoro**”, “**The Company**”) (ASX: ARN) is pleased to advise that the assay results for diamond drill holes DD04, DD04A, DD004B, DD004C, DD005 and DD002 (collectively “**Assayed Diamond Holes**”) have been received and confirm a significant strategic polymetallic discovery at Kameelburg comprising Rare Earth (REE), Niobium and Molybdenum (Mo) within the Kameelburg Carbonatite.

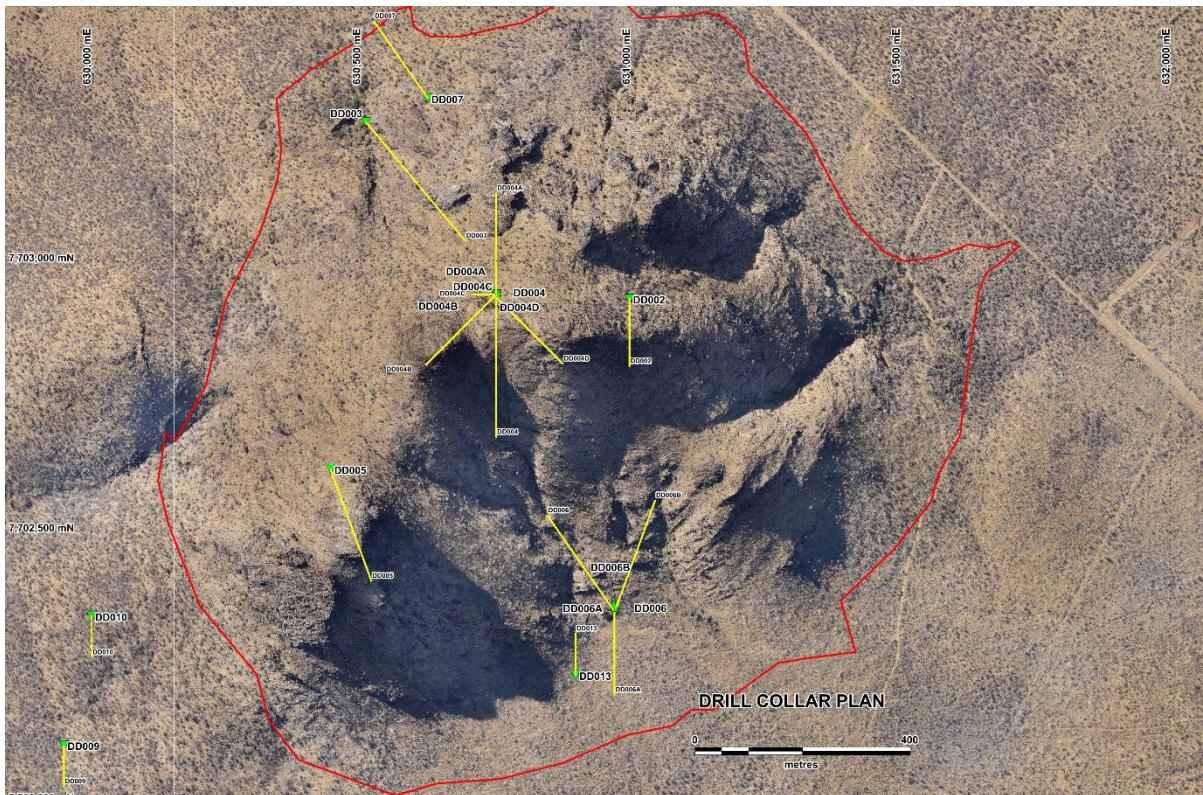


Figure 1: Diamond drill hole plan view

### Diamond Hole Assays – DD004, DD004A, DD004B, DD004C, DD002 & DD005

Assays have confirmed that diamond drill holes 4 (520.5 m), 4A (535.3 m), 4B (535m), 4C (515.4 m), DD002 (294m) and DD005 (440m) encountered significant and continuous mineralisation throughout the entire drill core. All Assayed Diamond Holes ended in mineralisation, which remains open at depth. Drilling was halted due to Aldoro owned rigs reaching depth capacity and to mitigate, an external drilling company has been engaged to drill the remaining deeper holes and complete the Phase I drilling program.

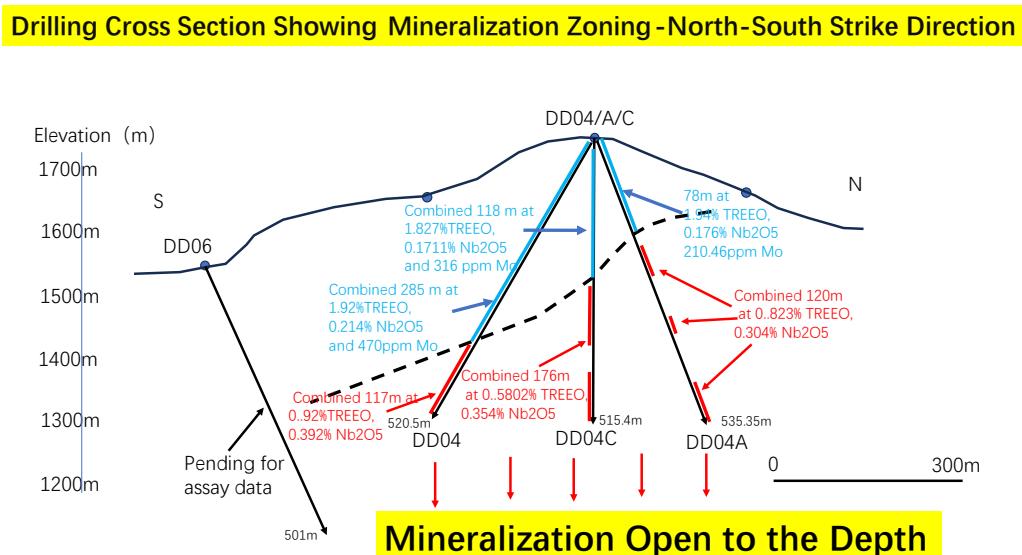
Assay grades across the six diamond holes are as follows and have utilised a 1% TREO cut-off grade. Please refer appendix 1 for full assay details.

Mineralisation at Kameelburg appears to have a clear zonation pattern with the upper layer being enriched in rare earths, forming a REE-Niobium-Molybdenum deposit and the lower layer being niobium-rich, forming a Niobium-REE deposit and is summarised as follows:

1. **Rare Earth-Niobium Deposit:** Primarily located near the surface, with mineralisation beginning at 0 meters. Drill holes indicate that this mineralisation type has an average thickness of 350 meters, extending over 400 meters to the north.
2. **Niobium-Rare Earth Ore Deposit:** This type transitions from the upper rare earth-niobium deposit as depth increases, with niobium content gradually rising while rare earth content decreases.

The mineralisation appears to be controlled by semi massive to massive magnetite zones,

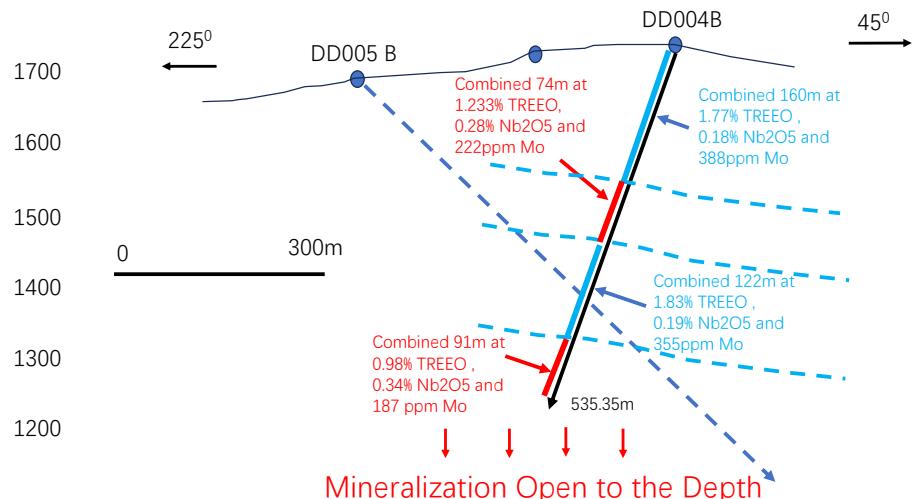
crustal contaminations where mafic fragment/xenoliths are significant and incorporated in the Beforsite carbonatite. Major rare earth minerals are Bastnaesite and Ancylite.



**Figure 2:** N-S Drilling Cross Section illustrating Upper-Lower-level zoning across the 3 diamond holes.

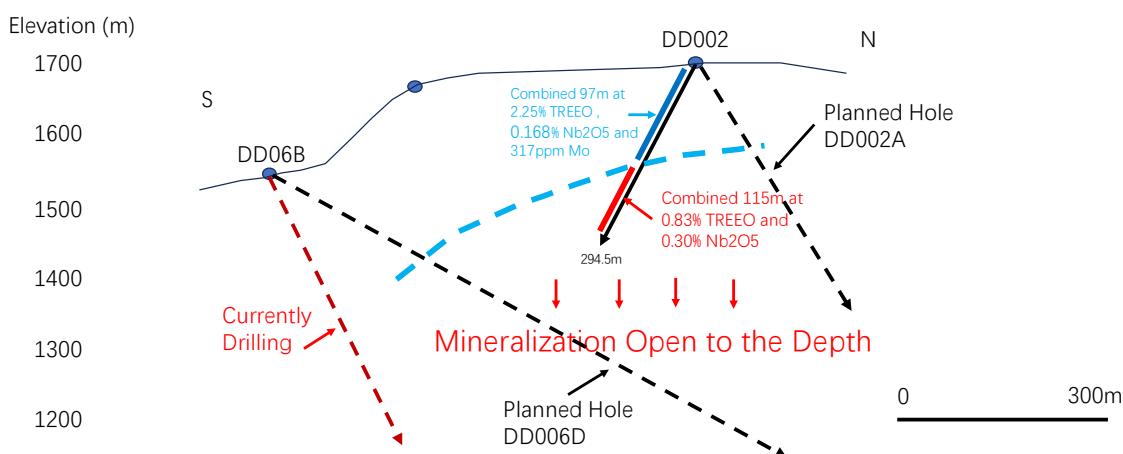
Assays from Hole 4 and Hole 4A confirm that mineralisation extends at least 325 meters in width and 500 meters in depth, remaining open in both the northern and southern directions. The upcoming assay results from Hole DD06 are interpreted to confirm if mineralisation continues a further 500 meters to the south, in line with the currently defined north-south mineralisation strike. Additional assays and pending drill holes will further define the mineralisation zoning along the east-west strike direction. The recent engagement of a contractor equipped with a high-capacity rig capable of drilling up to 800 meters will support the confirmation of mineralisation depth in both directions and enable the Company to progress toward completion of a Mineral Resource Estimate (MRE) by the end of this quarter.

### Drilling Cross Section of DD004B and Planned Drilling Program

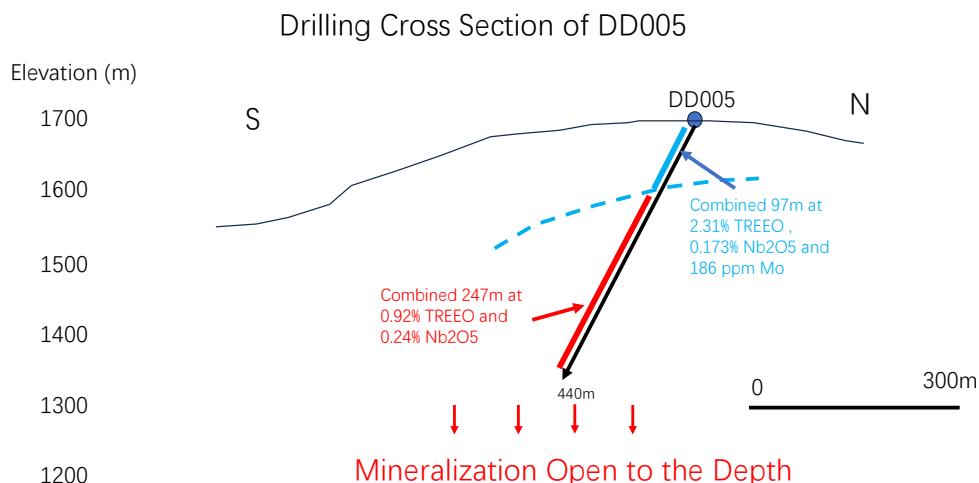


**Figure 3:** NE-SW Drilling Cross Section through DD004B illustrating the twin REE-Nb Upper-Lower-level zoning and the planned scissor hole DD005B for lateral control.

### Drilling Cross Section of DD002 and Planned Drill Holes

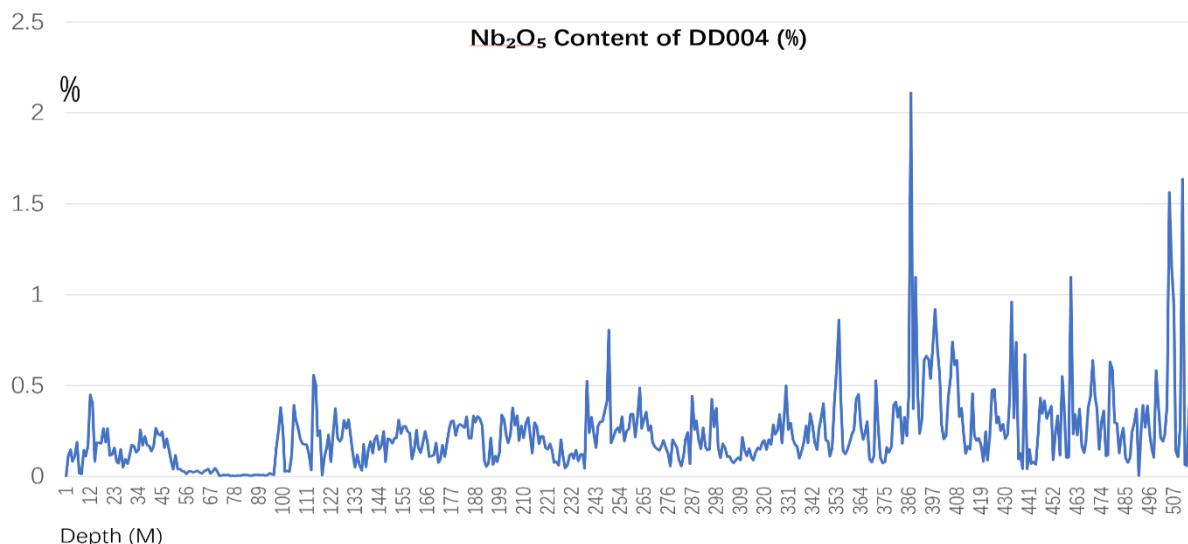


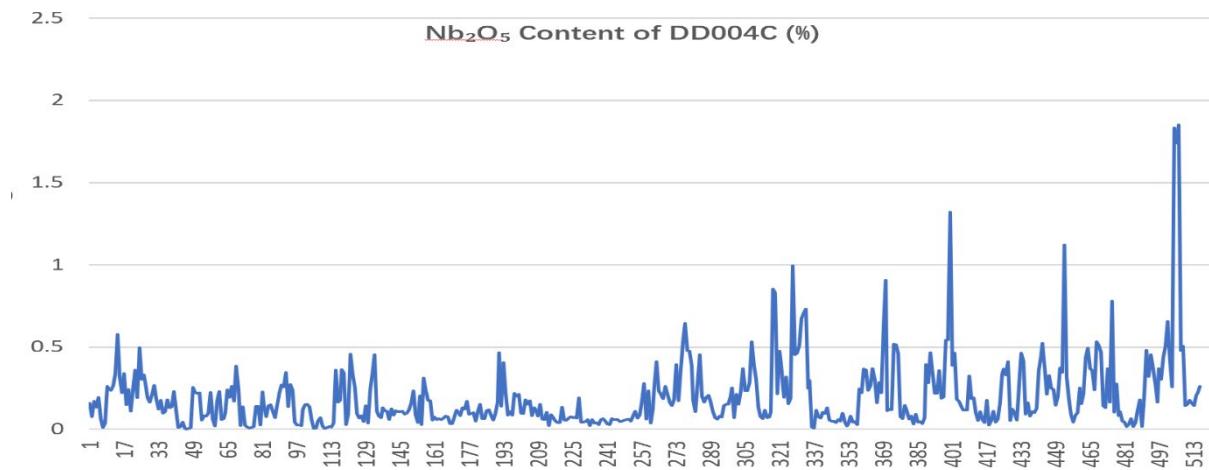
**Figure 4:** N-S Drilling Cross Section through DD002 illustrating the REE Upper and Nb-Lower-level zoning and the current hole DD006B and scissor holes DD006D.



**Figure 5:** N-S Drilling Cross Section through DD005 illustrating the REE Upper and Nb-Lower-level zoning and the open mineralisation at depth.

In the lower Niobium-Rare Earth deposit the Niobium grade clearly appears to be increasing at depth. The deposit transitions from the upper REE-Niobium deposit as depth increases, with Niobium content gradually rising while REE content decreases. The increase in Niobium grade at depth is clearly illustrated in the assay plots for Holes DD004 and DD004C:





**Figure 6:** Assay plot for Nb<sub>2</sub>O<sub>5</sub> at diamond holes 4 and 4C demonstrating a clear increase in Niobium grade at depth.

The remaining diamond holes currently being drilled are expected to provide additional understanding of mineralisation at depth and to determine the scale of the deposit. Further assays are expected in early May and will provide clarity on the easterly extent of mineralisation in addition to understanding how far mineralisation extends in an east-west direction.

The REE mineral assemblage is predominately Neodymium (Nd), Praseodymium (Pr), Lanthanum (La) and Cerium (Ce) and along with Niobium the market thematic supporting these elements is well understood. In the upper layer of the Kameelburg mineralisation assays have confirmed a significant Molybdenum discovery through the presence of Molybdenite. As of April 16, 2025, the spot price of molybdenum is approximately USD **\$44,644 per metric ton**<sup>3</sup>

<sup>3</sup>Value quoted from the Shanghai Metals Market (<https://www.metal.com/search?keyword=molybdenum&type=price>).

Molybdenum is used as an alloying element for stainless steel and other metals. It enhances the resistance of metals to corrosion and their strength at high temperatures. In addition, Molybdenum is also used as a refractory metal in chemical applications which include catalysts, lubricants, and pigments. For most uses of molybdenum there is no acceptable substitute.

In deposits, molybdenite is generally present in quantities from 0.01-0.25%. It can occur as the sole mineralisation, but it is often associated with sulphide minerals of other metals.

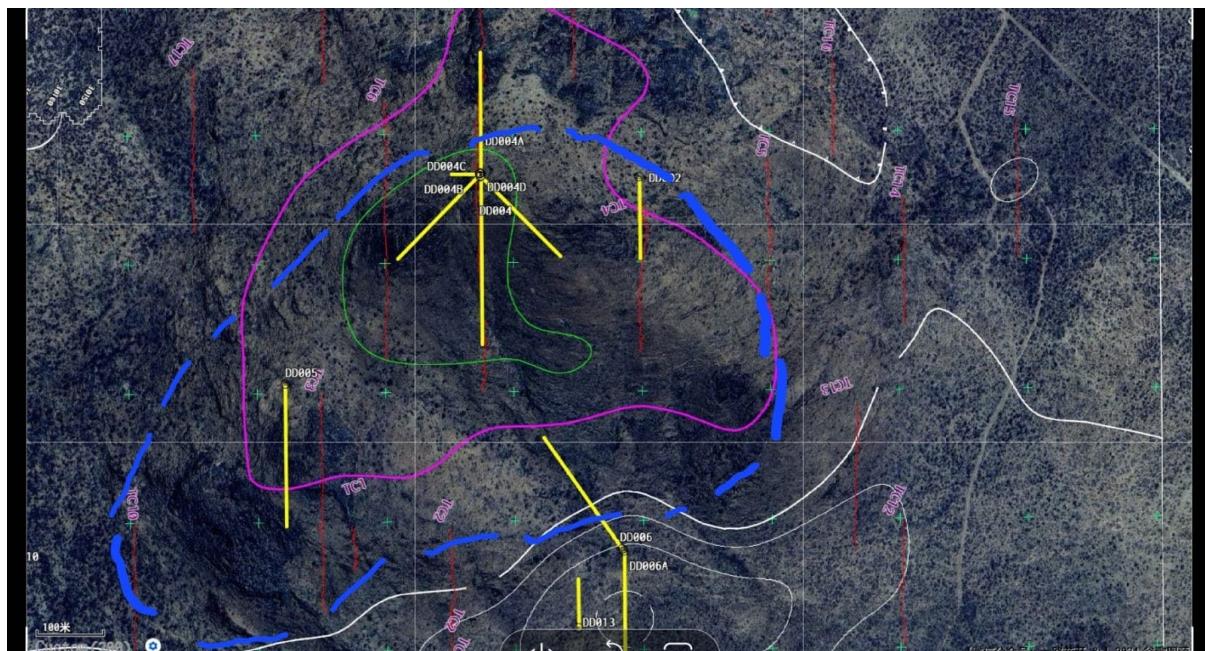
### Drilling Update

The Phase 1 drilling is progressing on budget with 14 diamond holes completed for a total of 5,621 meters with a further 3 holes remaining to be completed. A summary of drilling to date is as follows:

Collar_ID	WGS84 UTM Zone	Easting	Northing	Elevation (m)	Azimuth	Dip (degrees)	Planned depth (m)	End of Hole (m)	Assay Status
DD002	33K	630998	7702930	1688.3	180	-65	200	<b>295.00</b>	Received
DD005	33K	630444	7702614	1702.5	160	-60	400	<b>440.00</b>	Received
DD004	33K	630751	7702934	1734.3	180	-60	520	<b>520.50</b>	Received
DD004A	33K	630751	7702938	1732.7	360	-70	500	<b>547.50</b>	Received
DD004B	33K	630750	7702937	1732.9	225	-70	500	<b>535.35</b>	Received
DD004C	33K	630750	7702937	1732.9	270	-85	500	<b>515.40</b>	Received
DD004D	33K	630751	7702933	1734.8	135	-70	500	510.00	Awaited
DD009	33K	629950	7702103	1498.1	180	-65	180	180.00	Awaited
DD010	33K	630001	7702342	1532.3	180	-65	180	180.40	Awaited
DD013	33K	630898	7702233	1536.7	360	-65	180	180.40	Awaited
DD006	33K	630967	7702355	1539.7	325	-65	500	501.00	Awaited
DD006A	33K	630970	7702351	1538.4	180	-70	500	453.07	Awaited
DD007	33K	630624	7703301	1564.4	325	-65	500	412.50	Awaited
DD003	33K	630509	7703257	1527.3	140	-35	350	350.42	Awaited
DD005A									TBC
DD005B									TBC
DD006B	33K	630973	7702358	1539.6	20	-65	500	Drilling	Still drilling
							Total	<b>5,621.54</b>	

**Table 1:** Phase 1 drilling summary.

The diamond holes and completed trenches are illustrated in the following isoline plan and satellite image of the Kameelburg target area.



**Figure 7:** Phase 1 drill locations versus the Kameelburg target area and completed trenches. The blue line shows the outline of REE-Nb mineralization area revealed by trenching and drilling.

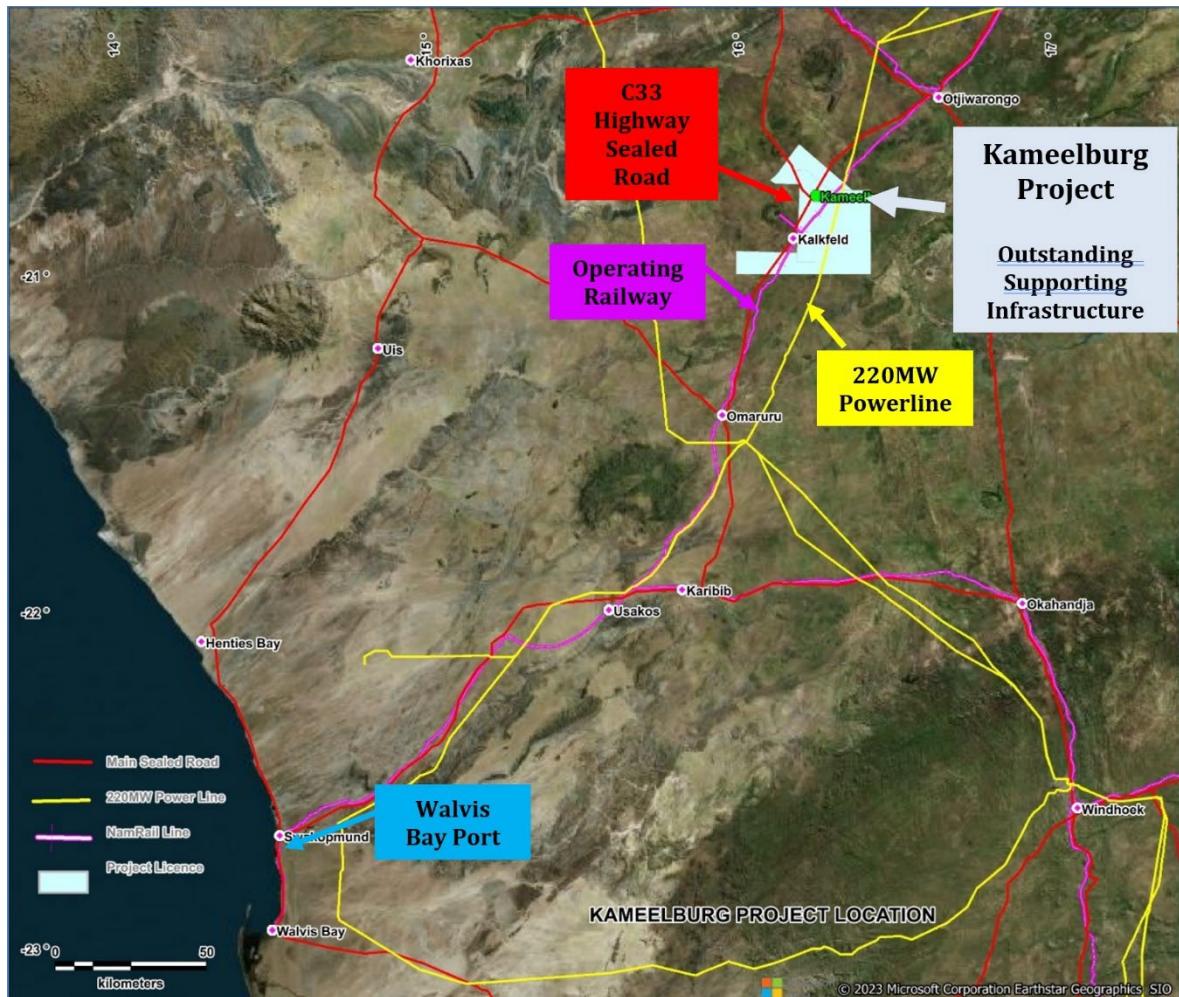
It is expected drilling will conclude in mid-May. The Company expects the first assay results for samples DD004D, DD006, DD006A and DD013 to start arriving late next week with full results expected to be received within the next 2-to-3-week period at which time the Company will update the market accordingly. In addition, the Company will organize the dispatch of samples DD009, DD010, DD007 and DD003 from Namibia to Perth in the coming weeks for assay.

The Company is fully funded to complete the current program and anticipates it will release a maiden mineral resource estimate by the end of the current quarter.

### **Kameelburg Deposit & Commercial Appeal**

Given the Kameelburg projects scale and grade, Aldoro is of the understanding that Kameelburg has the potential to become a significant source in the global supply of REE and Niobium. Significant continuous mineralisation to depth coupled with assay grade, strike, proximity to commercialisation infrastructure (power, transport route direct to Walvis Bay port) and coupled with the location in Namibia the Kameelburg project is shaping up to be considered a Tier 1 polymetallic discovery.

The Kameelburg project is located approximately 300 kms north of Windhoek (capital of Namibia) and 60 kms southwest of Otiwarongo along well-maintained bitumen roads. The Industrial Port of Walvis Bay is 355 kms southwest of Kameelburg, which are connected by the TransNamib heavy haul freight railway (passing within 1 km of the Kameelburg). Further, the bitumen C33 highway passes within 1km of the Kameelburg Carbonatite and a 220 MW hydropower transmission line is located 7km away. The nearest township of Otiwarongo has a population of 28,000 and is located 60km away from the Project.



**Figure 8:** Kameelburg Project location map showing the projects proximity to rail, power, roads, port (Walvis Bay) and service towns (Otjiwarongo).

Authorised for and on behalf of the Board,

**Sarah Smith**  
Company Secretary

#### About Aldoro Resources

Aldoro Resources Ltd is an ASX-listed (**ASX: ARN**) mineral exploration and development company. Aldoro has a portfolio of critical minerals including rare earth, lithium, rubidium and base metal projects. The Company's suite of projects include the Kameelburg REE & Niobium Project in Namibia, the Wyemandoor lithium-rubidium-tungsten project, the Niobe lithium-rubidium-tantalum project and the Narndee Igneous Complex project in Western Australia.

### **Disclaimer**

Some of the statements appearing in this announcement may be in the nature of forward-looking statements. You should be aware that such statements are only predictions and are subject to inherent risks and uncertainties. Those risks and uncertainties include factors and risks specific to the industries in which Aldoro operates and proposes to operate as well as general economic conditions, prevailing exchange rates and interest rates and conditions in the financial markets, among other things. Actual events or results may differ materially from the events or results expressed or implied in any forward-looking statement. No forward-looking statement is a guarantee or representation as to future performance or any other future matters, which will be influenced by a number of factors and subject to various uncertainties and contingencies, many of which will be outside Aldoro's control.

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### **Competent Person Statement**

The information in this announcement that relates to Exploration Results and other technical information is based on information compiled by Dr Minlu Fu (a non-executive director of the Company) and complies with the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code). It has been reviewed by Mr Jeremy Clark and Mr Mark Mitchell.

Mr. Jeremy Clark is a Member of the Australasian Institute of Mining and Metallurgy (AusIMM). Mr Clark is the sole director of Lilyvalley International Pty Ltd and has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the JORC Code. Mr Clark consents to the inclusion in this announcement of the matters based on his information in the form and context in which it appears.

Mr. Mark Mitchell is a Member of the Australasian Institute of Geoscientists (AIG). Mr Mitchell is an independent consultant and not an employee of Aldoro and has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the JORC Code. Mr Mitchell consents to the inclusion in this announcement of the matters based on his information in the form and context in which it appears.



Drill Collar DD002 (Dominant Mineralisation highlighted REE Nb)

Hole_ID	Sample No	Depth_From (m)	Depth_To (m)	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	La ppm	Lu ppm	Nd ppm	Pr ppm	Sm ppm	Tb ppm	Tm ppm	Y ppm	Yb ppm	Nb ppm	Mo ppm	TREO%	Nb2O5%	NdPr%
DD002	DD002001	0	1	1545	25.4	7.9	15.6	39	4.1	1154.7	0.7	429.4	143	55.8	4.9	1.1	115.3	6	470	69	0.42	0.07	16.05%
DD002	DD002002	1	2	4990.1	69.8	19.7	52.4	122.5	10	3101.6	1.5	1513.2	486	193.9	14.7	2.4	273	12.1	2976	233	1.27	0.43	18.32%
DD002	DD002003	2	3	3104.2	48.7	14.6	37.2	85.3	7.6	1744.3	1.2	1031.1	316	138.1	10.6	1.9	201.6	10	1718	101	0.79	0.25	19.86%
DD002	DD002004	3	4	6197.7	47.9	14.4	52.8	108.4	7	3830	1.1	1861.6	599	224.3	11.4	1.8	190.3	9	2262	161	1.54	0.32	18.63%
DD002	DD002005	4	5	6242.8	76.1	21.5	65.4	145.1	11.2	3713.9	1.7	1944.5	617	251.3	16.8	2.8	296.4	13.7	3800	155	1.57	0.54	19.01%
DD002	DD002006	5	6	6843.4	76.3	21.1	63.8	144.5	10.8	4390.9	1.7	1974.6	648	244	17.1	2.8	284.8	13.9	2101	131	1.73	0.30	17.72%
DD002	DD002007	6	7	9367.6	31.5	8.4	48.4	98.2	4.2	6607.9	0.7	2145.9	793	210.2	9.4	1	106.1	5.4	1695	214	2.28	0.24	15.07%
DD002	DD002008	7	8	6177	36.6	9.4	45.3	94.5	4.9	4012.5	0.7	1676	568	183.5	9.6	1.1	124.9	5.9	1211	216	1.52	0.17	17.27%
DD002	DD002009	8	9	4820.6	24.6	5.8	30.2	66.5	3	3390.3	0.4	1116.3	411	121.4	7.1	0.6	76.4	3.3	892	162	1.18	0.13	15.11%
DD002	DD002010	9	10	3868.2	40	10.1	31.9	73.8	5.8	2781.5	0.6	949.3	333	112.9	8.7	1.2	146.8	5	747	84	0.98	0.11	15.26%
DD002	DD002011	10	11	1025.9	46	16.2	18.8	48.4	7.9	597.8	1.4	378.6	110	59.2	7.5	2.1	210.2	11.6	785	57	0.30	0.11	19.05%
DD002	DD002012	11	12	1122.2	44.3	15.9	22.6	59.5	7.6	647.5	1.5	410.3	119	69.7	8.1	2.2	203.4	12.3	1169	39	0.32	0.17	19.12%
DD002	DD002013	12	13	838.5	66.5	31.4	23.5	68.2	12.9	408.9	3.4	354.5	95.8	70.8	10.2	5	376.9	27.8	1034	38	0.28	0.15	18.55%
DD002	DD002014	13	14	1126.5	49.5	22.5	19.6	52.7	9.8	629.9	2.8	417.2	120	65.8	7.8	3.7	274.5	22.5	619	99	0.33	0.09	18.84%
DD002	DD002015	14	15	3895.1	79.1	31.1	33.9	93.4	14.5	2841.8	3	949	332	114.7	13.9	4.5	405.2	24.5	969	85	1.04	0.14	14.41%
DD002	DD002016	15	16	696.6	39.6	15.9	14.3	43.6	7.4	373.9	1.5	255.3	74.1	45.9	6.6	2.3	207.2	12.4	652	43	0.21	0.09	18.14%
DD002	DD002017	16	17	619.7	13.7	4.8	8.8	23	2.3	382.3	0.5	199.1	60.7	29.4	2.9	0.7	65.5	3.9	567	46	0.17	0.08	18.22%
DD002	DD002018	17	18	715.9	24.5	9.5	12.2	33.6	4.2	452.7	0.8	230.4	70.1	37.8	4.5	1.3	123.3	6.3	818	39	0.20	0.12	17.26%
DD002	DD002019	18	19	7895.2	54.3	14.2	42.2	98.6	8.1	5818.5	0.9	1703.1	647	163.4	12.7	1.6	203.8	7.5	1818	226	1.95	0.26	14.04%
DD002	DD002020	19	20	7575.6	37.6	10.1	38.2	87.7	5.2	6031.2	0.7	1576.7	602	157.6	9.6	1.1	135.8	5.5	654	54	1.91	0.09	13.34%
DD002	DD002021	20	21	10329.2	40.4	10.2	42.5	93.8	5.3	8290.7	0.7	2033.7	798	182.2	10.7	1.1	136.4	5.6	924	122	2.58	0.13	12.84%
DD002	DD002022	21	22	702.6	28.7	9.4	11.7	30.2	4.7	393.5	1	246.3	73.3	38.7	4.6	1.2	128.5	7.5	473	45	0.20	0.07	18.85%
DD002	DD002023	22	23	2174.6	21.5	7.4	15.4	36.3	3.3	1602.8	0.7	495.5	179	58	4.6	0.9	93.8	5	1043	90	0.55	0.15	14.29%
DD002	DD002024	23	24	12887	41.7	9.3	58.8	120.8	4.8	10219.9	0.7	26019.9	1013	241.5	12.8	0.9	112.6	5.5	1594	231	3.20	0.23	13.18%
DD002	DD002025	24	25	13269.1	32.9	7	46.7	96	3.5	11088.2	0.6	2444.7	997	204.2	10.3	0.7	91	4.6	293	54	3.31	0.04	12.12%
DD002	DD002026	25	26	10039	32.1	6.3	44.8	95.2	3.3	7872.9	0.5	2083.8	799	193.8	10.3	0.6	78.4	3.9	1059	125	2.49	0.15	13.51%
DD002	DD002027	26	27	12404.5	38	6.3	55.3	118.5	3.8	10106.4	0.5	2469.3	968	229.1	12.7	0.6	84.6	3.8	1237	101	3.10	0.18	12.93%
DD002	DD002028	27	28	15924.8	28.3	5	55.4	110	2.8	13507.1	0.3	2853	1213	237.7	11.2	<0.5	60.5	2.2	499	118	3.98	0.07	11.92%
DD002	DD002029	28	29	17363	27.5	5	53.8	108.3	2.4	14947.6	0.3	2982.5	1306	238.7	11	<0.5	56.7	1.9	927	154	4.35	0.13	11.52%
DD002	DD002030	29	30	11398.9	21.3	4.6	40	75	2.3	9430.1	0.3	2178.7	867	180.6	7.6	<0.5	53.1	2	202	18	2.84	0.03	12.51%
DD002	DD002031	30	31	10281.3	24.4	5.5	47.8	88.6	2.9	7950.1	0.3	2318.3	845	218.9	8.5	0.5	66.9	2.6	104	36	2.56	0.01	14.42%
DD002	DD002032	31	32	10146.1	26.6	5.9	51.6	102	3.2	7545.7	0.4	2229.8	830	216.1	9.6	0.6	73.9	2.7	103	180	2.49	0.01	14.33%
DD002	DD002033	32	33	13005.7	28.5	6.1	56.3	110.6	3	10102	0.3	2634.9	1036	236.7	10	<0.5	70.9	2.3	108	94	3.20	0.02	13.40%
DD002	DD002034	33	34	11038.6	30.5	5.3	49	97.7	3.4	8529.7	0.3	2257.7	875	209.1	10	<0.5	68.7	2	1120	86	2.71	0.16	13.47%
DD002	DD002035	34	35	13220.2	35.2	7.1	55.7	116.1	3.9	10485.6	0.3	2601.2	1039	234.5	12	0.6	87.1	2.6	872	185	3.27	0.12	13.00%
DD002	DD002036	35	36	17639.5	36.5	5.8	59.9	122.1	3.5	14460.8	0.2	3160.1	1380	253.4	12.7	<0.5	77.4	1.8	247	106	4.36	0.04	12.16%
DD002	DD002037	36	37	9269.5	55.6	14.6	55.8	117.3	7.6	6813	1	2156.6	779	222.9	13.4	1.6	189.3	7.8	758	121	2.31	0.11	14.84%
DD002	DD002038	37	38	10131.4	38.3	7.4	58.5	119.6	4.3	7136.5	0.3	2211	841	229	12.4	0.7	93.5	2.5	1163	213	2.45	0.17	14.57%
DD002	DD002039	38	39	2914.4	37.2	12	26.1	59.4	5.7	1941.6	0.8	767	262	95.9	7.4	1.3	153.1	6.4	503	126	0.74	0.07	16.28%
DD002	DD002040	39	40	526.2	22.4	9.8	10.7	29.5	4	295.6	1.2	190	55.8	32.6	3.8	1.4	114.9	8.8	592	82	0.15	0.08	18.65%
DD002	DD002041	40	41	543.5	32.8	13.3	12.8	37.5	5.8	304.7	1.2	200.4	57.2	37	5.8	1.7	162.2	8.8	469	426	0.17	0.07	17.89%
DD002	DD002042	41	42	4670.9	34.9	10	30.8	71.6	4.9	3420	0.7	1027.2	387	113	8.3	1.1	129.9	5.7	940	319	1.16	0.13	14.21%
DD002	DD002043	42	43	2099.9	87.1	30.2	41.1	110.3	13.7	1179.1	2.8	741.5	215	125	15.8	3.9	380.1	21.5	1842	464	0.60	0.26	18.73%
DD002	DD002044	43	44	1174.7	43.4	16.8	20.6	57.3	7.1	651.4	1.5	387	116	61.6	7.7	2	197.3	11.8	583	104	0.32	0.08	18.11%
DD002	DD002045	44	45	415.6	19.5	9	9.3	25.4	3.6	222.3	0.8	159	44.6	27.5	3.3	1.2	106.7	6.1	318	20	0.12	0.05	19.13%
DD002	DD002046	45	46	1296.6	25.3	9.2	14	36.2	4.1	801.2	0.7	341.4	114	47.5	4.5	1.2	118.8	5.4	612	220	0.33	0.09	16.06%
DD002	DD002047	46	47	829.8	17.3	7.2	27.4	34.9	3	445.4	0.5	286.7	33.1	43.1	3.7	<0.5	32.6	2	908	99	0.16	0.13	22.88%
DD002	DD002048	47	48	626.2	7.3	2.7	8.4	17.5	1.2	301.5	0.3	238.8	69.2	31.3	1.7	<0.5	32.6	2	908	99	0.16	0.13	18.97%
DD002	DD002050	49	50	3009.8	70.6	26.8	28.3	84.5	11.4	2212.6	2.1	695.3</											



Drill Collar DD002 (cont.)

Hole_ID	Sample No	Depth_From (m)	Depth_To (m)	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	La ppm	Lu ppm	Nd ppm	Pr ppm	Sm ppm	Tb ppm	Tm pp	Y ppm	Yb ppm	Nb ppm	Mo ppm	TREO%	Nb2O5%	NdPr%
DD002	DD002082	81	82	5301.4	36	12.2	33.2	73.3	5.4	3833.5	1	1214.6	451	129.7	8	1.4	153.9	7.6	421	45	1.32	0.06	14.73%
DD002	DD002083	82	83	1065.6	35.8	14.2	14.1	39.2	6	680.8	1.2	278.5	94	45.2	5.9	1.8	183.1	8.8	758	108	0.29	0.11	14.93%
DD002	DD002084	83	84	1215.8	25.3	7.6	14.7	37.1	3.8	757	0.5	321.5	107	49.3	4.8	0.8	103.1	3.4	551	218	0.31	0.08	16.08%
DD002	DD002085	84	85	97.1	4.5	2	2.2	5.8	0.8	58	0.1	34.8	10.2	6.6	0.8	<0.5	21.5	1.1	55	6	0.03	0.01	18.17%
DD002	DD002086	85	86	118.2	4.1	1.9	2.2	5.8	0.9	71.7	0.2	45.2	12.5	6.9	0.8	<0.5	20.6	1.2	46	4	0.03	0.01	19.60%
DD002	DD002087	86	87	84.3	4.7	1.9	1.9	5.6	0.7	49	0.1	33.9	9.3	6.2	0.8	<0.5	20.1	1.1	42	2	0.03	0.01	19.50%
DD002	DD002088	87	88	5885.3	23.5	5.1	30.6	63.9	2.6	4525	0.3	1234.2	472	121	6.6	<0.5	64.9	2	202	69	1.46	0.03	13.67%
DD002	DD002089	88	89	8336.3	46.3	11.3	49.8	109.3	5.9	6071.5	0.5	1773.9	678	188.8	12.2	1	145.5	4	994	214	2.04	0.14	14.01%
DD002	DD002090	89	90	1677.4	23.4	7.8	17.9	36.8	3.7	953.4	0.5	513.2	162	65.6	4.5	0.8	96.7	3.7	750	23	0.42	0.11	18.84%
DD002	DD002091	90	91	5217.8	37	9.6	44.7	92.4	4.8	3409.1	0.5	1423.2	481	168.2	9.8	0.9	118.9	3.5	494	191	1.29	0.07	17.22%
DD002	DD002092	91	92	1615.1	88.3	28.1	33.5	98.9	13.7	877.9	2.2	528.5	158	93.7	15.2	3.3	369.3	16.8	1021	118	0.46	0.15	17.24%
DD002	DD002093	92	93	680.9	42.5	18.5	20.7	57.1	7.9	327.8	1.9	284.8	76.9	59.2	7.6	2.7	228	14.8	482	18	0.22	0.07	19.53%
DD002	DD002094	93	94	819.6	32	14.5	17.2	45.1	5.8	431.4	1.6	294.3	87.5	52.7	5.9	2.1	171.3	12.2	1449	206	0.23	0.21	18.99%
DD002	DD002095	94	95	1406.6	40.8	15.2	27	67.3	6.5	754.2	1.3	481	142	83.9	8.2	1.9	188.1	9.7	1110	418	0.38	0.16	19.13%
DD002	DD002096	95	96	829.1	53	26.4	24.3	69.1	9.7	401.4	3.3	346.6	94.3	68.1	9.5	3.9	288.5	25.6	942	40	0.27	0.13	19.35%
DD002	DD002097	96	97	841.5	55.4	25.2	23.4	66.4	9.9	393	3	353.5	97.4	67.4	9.4	3.7	286.8	23	1044	24	0.27	0.15	19.73%
DD002	DD002098	97	98	1298.8	50	21.3	23.2	64.7	8.6	690.7	2	444.9	130	72.2	8.6	2.9	241	15.3	1048	59	0.36	0.15	18.54%
DD002	DD002099	98	99	1341.8	37.5	14.9	21.8	52.3	6	697.2	1.7	447.9	135	70.4	7	2.3	181.7	12.7	1074	66	0.36	0.15	19.09%
DD002	DD002100	99	100	768.2	47.3	22.4	21.4	61.2	8.6	375.4	2.7	320.7	85.8	62.6	8.2	3.3	251.7	20.6	992	17	0.24	0.14	19.52%
DD002	DD002101	100	101	1952.5	62.7	24.4	35	90.9	10	1193.5	2.8	592.8	184	103.1	12.1	3.5	294.4	21	672	206	0.54	0.10	16.82%
DD002	DD002102	101	102	1018.2	80.1	36.5	29.6	84.8	14.4	522	4	385.2	106	76.7	13	5.2	434.6	30.2	985	47	0.34	0.14	17.06%
DD002	DD002103	102	103	1591.8	20.2	6.6	20.5	45.8	3	904.3	0.6	494.7	153	74.2	4.8	0.8	81.7	4.5	572	79	0.40	0.08	18.92%
DD002	DD002104	103	104	1236.7	91.7	41.7	34.4	102.8	16.8	605.6	4.5	465	129	94.5	15.4	5.7	485.9	34.5	646	35	0.40	0.09	17.44%
DD002	DD002105	104	105	1141.6	69	26.2	28.7	83.7	11.7	562.3	2.4	423.8	119	80.7	12.4	3.5	330.9	18.5	656	117	0.34	0.09	18.43%
DD002	DD002106	105	106	2065.6	32.9	9.7	31.4	69.4	4.9	971.4	0.7	757.1	222	116.5	7.7	1	127.7	5.2	1123	424	0.52	0.16	22.03%
DD002	DD002107	106	107	2809.7	43.7	15.4	28	68.4	7.1	2047.1	1.2	715.9	243	92.3	8.8	1.9	198.3	9.3	731	103	0.74	0.10	15.17%
DD002	DD002108	107	108	8656.7	44.3	10.8	47.3	103.1	5.5	6710.6	0.7	1876	709	188.2	11.7	1.2	136.5	5.5	1279	401	2.17	0.18	13.92%
DD002	DD002109	108	109	9963.6	49.8	10.1	55.7	120.4	5.9	7327.7	0.6	2215.5	826	224.9	13.8	1	142.6	4.4	2009	994	2.46	0.29	14.46%
DD002	DD002110	109	110	15447.4	59.9	11.1	64.4	124.8	6.7	12052.1	0.6	2938	1239	255.4	16.9	1	156.2	4.3	2701	931	3.79	0.39	12.85%
DD002	DD002111	110	111	8012.2	49.7	11.1	56.9	127.1	6.1	5486.6	0.6	2067.8	716	218.7	14	1	142	4.9	3002	843	1.98	0.43	16.40%
DD002	DD002112	111	112	6684.1	37.7	8.4	49.3	102.5	4.3	4549.8	0.5	1766.5	603	193.6	10.8	0.9	105.3	3.8	2366	701	1.65	0.34	16.73%
DD002	DD002113	112	113	8090.7	46.7	10	57.8	127.7	5.7	5684.6	0.5	1970.8	702	222.5	13.3	0.9	132.4	4.2	2074	515	2.00	0.30	15.60%
DD002	DD002114	113	114	7690.9	47.1	10.6	59.2	125.7	5.4	5534.4	0.7	2012	702	235.7	13.1	1	128.7	5.2	2461	182	1.97	0.35	16.06%
DD002	DD002115	114	115	6146.6	66.9	21.6	52.4	112.2	10.1	4238.8	1.4	1639.5	550	189.6	14.2	2.4	267	10.8	1706	87	1.56	0.24	16.37%
DD002	DD002116	115	116	6576	35.5	7.3	48.6	102.7	4.1	4489.7	0.4	1758.3	599	193.1	11.1	0.7	99.6	3.3	1551	72	1.63	0.22	16.87%
DD002	DD002117	116	117	10636.3	35.3	7.5	57	119.3	3.9	7916.1	0.4	2315.8	873	226.2	11.9	0.7	92.2	3.1	3411	147	2.61	0.49	14.25%
DD002	DD002118	117	118	10132.3	49.3	10.9	51.3	112.7	6.1	8326	0.6	2083.7	798	198.9	13.2	1	144.1	4.3	829	303	2.57	0.12	13.09%
DD002	DD002119	118	119	13055.1	36.4	5.9	60.3	130.3	3.4	10681.8	0.3	2608.3	1063	242.5	13.1	<0.5	72.4	2.4	910	63	3.28	0.13	13.08%
DD002	DD002120	119	120	13755.9	32.5	5.4	58.6	120.9	3.1	11634.3	0.3	2658.4	1090	240.7	12.2	<0.5	64.5	1.9	558	237	3.48	0.08	12.59%
DD002	DD002121	120	121	15317.6	40.4	7.1	61.6	131.2	4.1	12704	0.3	28812.1	214	250	13.9	0.6	89	2.6	1093	161	3.83	0.16	12.48%
DD002	DD002122	121	122	13669.3	36.9	6.5	52.7	114.1	3.9	1159.2	0.3	2527.4	1083	220.7	11.9	<0.5	83.8	2.2	325	37	3.47	0.05	12.16%
DD002	DD002123	122	123	13511.5	40.3	7	62	130.1	4.1	11185.9	0.3	2680.9	1079	244.5	13	0.6	91.9	2.4	754	33	3.40	0.11	12.90%
DD002	DD002124	123	124	13169.3	34.1	7	69.5	138.3	3.7	10714	0.5	2867.7	1075	279.9	12.2	0.7	85	3.5	628	29	3.33	0.09	13.81%
DD002	DD002125	124	125	10464.7	33.4	6.9	53.8	109.9	3.5	8080.2	0.4	2314.1	853	219.7	10.6	0.6	79.5	3.1	960	33	2.60	0.14	14.20%
DD002	DD002126	125	126	10983.1	41.4	8	61.3	124.2	4.6	8513.9	0.5	2398.8	897	239.2	12.2	0.7	106.5	3.6	1235	242	2.74	0.18	14.04%
DD002	DD002127	126	127	6383.3	59.3	16.3	58.6	125.9	8.3	4330.1	1.2	1734.6	586	213.1	13.7	1.8	206.2	8.8	2172	431	1.61	0.31	16.82%
DD002	DD002128	127	128	7294.5	50.8	14.5	48.5	105.8	7.2	5349.5	1.2	1739.6	622	187.8	12.1	1.6	185	9	1914	613	1.83	0.27	15.05%
DD002	DD002129	128	129	1141.4	10.5	3.7	8.6	20.8	1.6	761.9	0.4	278.1	95.9	33.2	2.3	<0.5	41.7	3.2	252	68	0.28	0.04	15.50%
DD002	DD002130	129	130	82.9	5.																		



Drill Collar DD002 (Cont.)

Hole_ID	Sample No	Depth_From (m)	Depth_To (m)	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	La ppm	Lu ppm	Nd ppm	Pr ppm	Sm ppm	Tb ppm	Tm ppm	Y ppm	Yb ppm	Nb ppm	Mo ppm	TREO%	Nb2O5%	NdPr%
DD002	DD002165	164	165	9652	33.4	6.9	60.5	122.3	3.3	6692.6	0.5	2249.6	804	243.8	11.5	0.7	78.5	4.1	1608	515	2.34	0.23	15.25%
DD002	DD002166	165	166	4056.6	82.9	24.6	59.1	139.5	12.3	2149.6	1.5	1606.4	463	222.4	17.3	2.5	305.2	12	3021	7	1.07	0.43	22.49%
DD002	DD002167	166	167	2819.3	54.6	17.5	42.5	96.8	8.3	1423.2	1.1	1160.6	325	165	11.4	1.8	214.2	9	8012	8	0.74	1.15	23.28%
DD002	DD002168	167	168	3794.7	70.5	21.6	60.3	137.9	10.3	1900.4	1.2	1620.3	449	231.5	15.6	2.2	267.9	9.9	3443	36	1.01	0.49	23.97%
DD002	DD002169	168	169	3706.4	79.9	23.3	61.5	144.5	11.3	1801.6	1.4	1605.1	444	236.3	17.6	2.6	298.5	11	2610	24	0.99	0.37	24.14%
DD002	DD002170	169	170	2838.7	50.5	14.5	41.4	97	7.3	1466.9	1	1115.9	320	155.2	11.6	1.5	180.3	7.8	2528	67	0.74	0.36	22.66%
DD002	DD002171	170	171	623.9	16.9	5.2	11.8	30.7	2.4	312.2	0.4	253.4	71	40.7	3.7	0.6	63.9	3	484	6	0.17	0.07	22.41%
DD002	DD002172	171	172	72.9	4.3	1.9	1.9	5.5	0.8	39.8	0.2	31.3	8.7	5.6	0.7	<0.5	19.7	1.6	39	8	0.02	0.01	20.33%
DD002	DD002173	172	173	75.6	3.6	1.7	1.7	5	0.8	43.4	0.2	31.3	8.3	5.6	0.7	<0.5	18.8	1.6	46	6	0.02	0.01	19.79%
DD002	DD002174	173	174	71.2	4.2	1.9	1.7	5.4	0.7	39.5	0.2	30.4	8.1	6.1	0.7	<0.5	19.3	1.5	38	9	0.02	0.01	19.98%
DD002	DD002175	174	175	97.3	4.6	2.1	2	5.8	0.9	57.2	0.2	38.8	10.3	7.4	0.9	<0.5	20.9	1.7	39	9	0.03	0.01	19.47%
DD002	DD002176	175	176	130.2	4.6	2	2.3	6.2	0.8	77.3	0.2	49	13.8	7.7	0.8	<0.5	20.4	1.7	38	4	0.04	0.01	19.67%
DD002	DD002177	176	177	92.4	4.3	1.7	2	4.9	0.7	53.1	0.2	36.3	9.9	6.1	0.7	<0.5	19.7	1.4	39	4	0.03	0.01	19.63%
DD002	DD002178	177	178	95.4	4.3	1.9	2.3	5.4	0.8	55.3	0.2	37.4	10	7	0.8	<0.5	20.8	1.8	46	4	0.03	0.01	19.31%
DD002	DD002179	178	179	96	4.2	1.9	2.1	5.2	0.8	56.1	0.2	37	10.3	6.3	0.7	<0.5	19.7	1.4	38	3	0.03	0.01	19.39%
DD002	DD002180	179	180	143.6	4.8	2.1	2.7	6.3	0.8	86.3	0.2	53.2	15.1	8.8	0.9	<0.5	20.9	1.7	38	4	0.04	0.01	19.53%
DD002	DD002181	180	181	137.3	4.5	1.9	2.5	6.2	0.8	83.1	0.2	48.8	14.3	7.7	0.8	<0.5	20.2	1.6	39	4	0.04	0.01	19.00%
DD002	DD002182	181	182	116	4.2	1.8	2.2	5.6	0.8	69.7	0.2	42	12.6	7.4	0.8	<0.5	19.9	1.4	36	4	0.03	0.01	19.04%
DD002	DD002183	182	183	398.1	8.5	3.3	6.8	16.5	1.4	193.3	0.3	169.3	45.6	25.4	1.9	<0.5	37.3	2.5	331	5	0.11	0.05	23.49%
DD002	DD002184	183	184	2578.6	45.7	13.3	38.8	89.3	6.6	1284.8	0.8	1054.3	294	151.7	9.8	1.4	167	6	1960	20	0.67	0.28	23.38%
DD002	DD002185	184	185	3247.6	57.9	17.3	50.3	114.2	8.4	1611.2	1	1367.6	378	195	12.9	1.9	213	8	2132	18	0.85	0.31	23.86%
DD002	DD002186	185	186	3130.9	59.4	18.2	49.5	116.6	8.8	1519.7	1.1	1304.6	363	190.6	13.4	2	219.9	9	5054	15	0.82	0.72	23.70%
DD002	DD002187	186	187	3142.1	64.3	20.1	51.7	119.3	9.7	1535.7	1.2	1352	370	197.1	13.8	2.1	243.3	9	5251	8	0.84	0.37	24.03%
DD002	DD002188	187	188	3723.3	76	21.1	60.2	144.7	10.9	1881.2	1.2	1554.3	434	220.3	16.8	2.2	270.8	9.6	1711	7	0.99	0.24	23.49%
DD002	DD002189	188	189	3885.9	67.1	18.3	63.3	141.7	9.3	1881.5	1	1663.5	457	242.7	15.8	1.8	237.6	7.8	3005	3	1.02	0.43	24.29%
DD002	DD002190	189	190	3876.5	60.5	17.6	60.3	129.8	8.6	1882.9	1	1644.8	452	234.6	13.9	1.8	224.7	8	2637	9	1.01	0.38	24.23%
DD002	DD002191	190	191	3930.3	77.2	22.1	66.5	148	11.2	1930.1	1.3	1692.6	462	249.6	17	2.3	283.2	10.6	1193	5	1.04	0.17	24.09%
DD002	DD002192	191	192	3656.5	73.4	22.2	58.2	134.1	10.7	1824.7	1.4	1523.5	422	223.2	15.8	2.2	272.6	10.7	1913	9	0.97	0.27	23.47%
DD002	DD002193	192	193	3254	74.8	21	55.5	132.2	10.8	1664	1.3	1336.1	372	203	16	2.2	266.7	10	2061	44	0.87	0.29	22.91%
DD002	DD002194	193	194	2429.1	59.1	17.1	43.6	106.6	8.6	1231.4	1.1	996.1	275	156.9	12.8	1.8	211.4	8.3	2506	50	0.65	0.36	22.76%
DD002	DD002195	194	195	2074.2	33.4	9.7	30.3	68.3	4.5	1044.7	0.6	817.9	229	117.7	7.6	1	121.3	4.9	1080	69	0.54	0.15	22.83%
DD002	DD002196	195	196	2989.6	49	15	40.4	89.9	7.3	1510.4	1	1202.9	339	163.9	10.2	1.6	186.8	7.8	970	12	0.78	0.14	23.21%
DD002	DD002197	196	197	4753.2	112.6	31.9	79.1	195.8	16.6	2312.5	1.8	1984.8	553	296	23.7	3.3	410.4	14.7	2131	91	1.27	0.30	23.40%
DD002	DD002198	197	198	4338.1	91.5	28	68.1	158.5	13.6	2149.9	1.7	1786.3	498	257.5	19.3	3	344.8	13.5	3104	77	1.15	0.44	23.26%
DD002	DD002199	198	199	4150.3	77.5	22.9	67	152.2	11.1	2030	1.4	1738	483	256.6	17.4	2.4	285.6	11.3	1561	10	1.09	0.22	23.75%
DD002	DD002200	199	200	3953.6	87.2	24.8	61.9	149.6	12.3	2045.9	1.5	1561.6	444	225.3	18.2	2.7	317.3	11.8	1276	15	1.05	0.18	22.38%
DD002	DD002201	200	201	5161.4	71.7	20.7	63.4	141.3	10.3	2787.3	1.3	1835.7	555	250.7	15.6	2.2	263.5	10.2	1780	18	1.31	0.25	21.29%
DD002	DD002202	201	202	2389.9	54.9	17.4	33.9	82.6	8.4	1285.1	1.3	861.7	254	121.6	10.8	2	217.8	10.2	963	57	0.63	0.14	20.73%
DD002	DD002203	202	203	1920	29	10.3	19.1	45.9	4.9	1237.2	0.9	551.7	177	72.5	5.6	1.2	124.2	7.1	487	199	0.49	0.07	17.25%
DD002	DD002204	203	204	2961.2	74.3	24.5	44.9	111.4	11.6	1615.8	1.7	1096.7	320	161.9	14.4	2.6	301.8	13.3	1117	71	0.79	0.16	20.85%
DD002	DD002205	204	205	2941.5	78.1	25.8	47.4	116.8	12.1	1544.4	1.8	1111.7	318	166.5	15	3	317	14.5	1181	38	0.79	0.17	21.17%
DD002	DD002206	205	206	3746.4	84.6	25.5	57.8	138.2	12.3	1887.9	1.6	1490.1	422	213.8	17.3	2.5	319.6	12.3	1494	18	0.99	0.21	22.56%
DD002	DD002207	206	207	2942.3	65.1	18.8	44.7	107.4	9.7	1486	1.2	1153.1	325	166.4	13.4	1.9	240	9.1	1042	15	0.77	0.15	22.34%
DD002	DD002208	207	208	4117.4	77	22.2	65.7	151.4	11.1	2032.7	1.2	1721.9	478	253.8	17.2	2.2	278.4	9.7	1277	9	1.08	0.18	23.71%
DD002	DD002209	208	209	3178.8	69.9	22.8	48.5	115.1	10.7	1560.1	1.4	1297.6	362	190.5	14.2	2.4	279.8	10.9	1959	15	0.84	0.28	23.05%
DD002	DD002210	209	210	3047.2	58.1	19	45.1	102.4	8.9	1539.1	1.2	1220.1	339	175.9	11.8	2.1	233.9	9.5	1230	42	0.80	0.18	22.77%
DD002	DD002211	210	211	3817.2	83.7	25.2	64.5	152.4	12.4	1879.4	1.7	1566.6	436	234.4	17.6	2.6	320.6	13.2	1785	40	1.01	0.26	23.10%
DD002	DD002212	211	212	3968.9	95.3	28.6	67.6	163.6	12.4	1924.4	1.9	1645.4	457	243.8	19.3	2.1	352.2	15.1	1463	25	1.06	0.21	23.24%
DD002	DD002213	212	213	3894.8	76.2	23</																	

### Drill Collar DD002 (Cont.)

Hole_ID	Sample No	Depth_From (m)	Depth_To (m)	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	La ppm	Lu ppm	Nd ppm	Pr ppm	Sm ppm	Tb ppm	Tm pp	Y ppm	Yb ppm	Nb ppm	Mo ppm	TREO%	Nb2O5%	NdPr%
DD002	DD002247	246	247	5102.5	63.5	17.9	65.9	142	8.7	2584.3	1	2005.1	568	262	14.6	1.7	222.8	8.1	1126	4	1.30	0.16	23.16%
DD002	DD002248	247	248	2039.5	35.6	12.2	28.1	63.9	5.5	1185.5	0.9	692.5	206	103.8	7.3	1.3	153.2	6.8	1854	140	0.53	0.27	19.68%
DD002	DD002249	248	249	5090.9	86.2	24.7	71.8	166.6	12.1	2567.2	1.3	1988.3	566	281.6	19	2.4	303.4	10.4	2225	4	1.31	0.32	22.73%
DD002	DD002250	249	250	1918.2	41.6	13.7	29.3	71.1	6.5	1065.9	1	670.5	197	110	8.3	1.7	174.8	7.7	1898	68	0.51	0.27	19.99%
DD002	DD002251	250	251	4735	93.2	24.8	70.8	167.3	13.3	2407.2	1.4	1855.2	527	268.1	20	2.4	325.6	11.1	3491	4	1.23	0.50	22.53%
DD002	DD002252	251	252	4843.5	81.1	21.6	70.5	160.9	11.1	2471.7	1.3	1918.8	540	278.5	18.7	2.1	281.9	10.4	2250	5	1.26	0.32	22.85%
DD002	DD002253	252	253	3699	78.9	23.2	55.6	135.9	11.9	1951.7	1.4	1444.8	411	207.6	16.8	2.4	301.5	10.8	1548	38	0.98	0.22	22.10%
DD002	DD002254	253	254	1508.3	62.7	21.8	28	78.5	10.4	822.3	1.4	505.7	150	84.7	11.3	2.4	270.7	10.9	969	98	0.42	0.14	18.21%
DD002	DD002255	254	255	3076.7	68.3	21	46.8	113	10.1	1611.5	1.4	1165.7	334	169.9	13.7	2.4	261	11.1	2114	27	0.81	0.30	21.61%
DD002	DD002256	255	256	2949.3	60.5	19.8	43.6	102.9	9.3	1561	1.4	1119.3	320	164	12.4	2.2	249.9	10.7	1911	41	0.78	0.27	21.60%
DD002	DD002257	256	257	2528.4	46.4	14.6	34.1	80.1	7	1376.1	1	885.6	262	127.9	9.3	1.7	187.3	8	2184	66	0.65	0.31	20.51%
DD002	DD002258	257	258	2160.2	56.1	18.5	35.5	88.5	8.7	1178.8	1.3	779.3	224	126.8	11	2.1	233.1	10.1	1905	96	0.58	0.27	20.22%
DD002	DD002259	258	259	1773.8	41.2	14.3	28	66.4	6.7	981.5	1.1	581.3	174	95.1	8.1	1.7	177.8	8.7	1587	126	0.46	0.23	18.97%
DD002	DD002260	259	260	1663	39.6	14.2	27	66.2	6.4	906	1.1	563.2	165	95.7	7.9	1.8	175.9	8.8	1596	124	0.44	0.23	19.34%
DD002	DD002261	260	261	2179	39.2	12.7	30.7	72.9	5.8	1200.6	0.9	766.8	224	115.8	8.3	1.5	161.3	7.2	2384	55	0.57	0.34	20.42%
DD002	DD002262	261	262	2467.5	44.4	14.5	35.6	83.6	6.4	1396.3	0.9	860.3	254	133.9	9.2	1.6	179.5	7.4	1708	53	0.64	0.24	20.19%
DD002	DD002263	262	263	1883.9	51.1	17.9	31.6	81.3	7.9	1111.4	1.3	621.4	184	107.9	10.2	2	218.7	10	1893	90	0.51	0.27	18.45%
DD002	DD002264	263	264	1803.9	43.4	14.9	30.2	74.2	6.9	1028.2	1.1	615.3	181	106.1	8.6	1.9	182.4	8.5	1431	48	0.48	0.20	19.29%
DD002	DD002265	264	265	1857.6	57.4	18.9	35.9	89.3	9	929.8	1.4	676.4	190	121.7	11.5	2.4	244.2	11	1705	110	0.50	0.24	20.22%
DD002	DD002266	265	266	1694.5	36.6	12.3	27.6	65.4	5.7	913.2	0.8	600.7	173	96.4	7.7	1.4	152	6.3	962	52	0.45	0.14	20.29%
DD002	DD002267	266	267	1754.1	67.4	22.3	33.4	92.1	10.7	936.3	1.6	610.9	179	108.8	12.7	2.6	292.6	12.7	1311	84	0.49	0.19	18.95%
DD002	DD002268	267	268	2604.1	59.4	19.4	40	95.7	8.7	1487.8	1.2	919.7	265	143.5	11.9	2.1	245.6	9.7	1527	290	0.69	0.22	19.93%
DD002	DD002269	268	269	2354.4	61.1	18.8	36.7	96.3	8.9	1276.8	1.3	858	249	132.3	12.1	2.1	250.9	10	1688	164	0.63	0.24	20.50%
DD002	DD002270	269	270	1486	40	12.4	26.8	70.8	5.8	858.3	0.9	485.9	144	86.4	8.4	1.5	164.5	6.8	990	128	0.40	0.14	18.43%
DD002	DD002271	270	271	1472.2	41.6	13.8	24.9	65.2	6.6	784.7	0.9	483.9	144	81.7	8.3	1.6	181.3	7.5	1459	451	0.39	0.21	18.80%
DD002	DD002272	271	272	2172.2	46.8	14.8	31.4	80.4	7.1	1240.2	1	720.5	218	115.2	9.6	1.7	192.4	7.7	1209	258	0.57	0.17	19.21%
DD002	DD002273	272	273	1788.9	25.8	8.5	26	57.5	4.1	1093.3	0.6	585.2	175	95	5.9	1	114.1	5	1069	179	0.47	0.15	18.97%
DD002	DD002274	273	274	1220	11.3	3.3	15.6	30.6	3.7	626.3	0.3	420.5	124	59.4	2.7	<0.5	48.2	2.3	856	123	0.30	0.12	21.13%
DD002	DD002275	274	275	873.6	27.6	8.3	19.2	50.5	4	472.4	0.6	307.7	88.9	59.7	5.9	0.9	110.6	5.1	1019	128	0.24	0.15	19.37%
DD002	DD002276	275	276	852	42.1	12	26.3	72.8	6.1	445.4	0.9	327.5	89.4	73.8	9	1.4	169.3	7	1057	61	0.25	0.15	19.37%
DD002	DD002277	276	277	871.1	27	8.2	20.2	51.6	3.9	465.9	0.6	321.6	89.8	64.2	5.8	0.9	111.9	5	893	66	0.24	0.13	19.97%
DD002	DD002278	277	278	1113.8	17.2	4.8	18.5	43.2	2.3	638.8	0.4	366.2	108	63.4	4.4	0.5	66.7	3.1	1030	54	0.29	0.15	19.25%
DD002	DD002279	278	279	1383.2	34	9.9	23	60.7	4.8	792.2	0.6	450.9	135	77	7.4	1.1	136.6	4.9	1101	143	0.37	0.16	18.66%
DD002	DD002280	279	280	2629.1	72	21.9	48.8	120.6	10	1493.4	1.4	905.5	267	148.2	15.3	2.3	287.8	11.1	1461	158	0.71	0.21	19.31%
DD002	DD002281	280	281	2228.3	48.5	14.6	34.8	85.6	7.3	1381.8	1	720.1	217	112.7	9.8	1.6	200.3	7.6	1644	157	0.60	0.24	18.38%
DD002	DD002282	281	282	1743.7	31.5	8.9	30.6	70.5	4.5	966.5	0.6	603	176	102.3	7.3	1	123.7	4.5	1630	37	0.45	0.23	20.01%
DD002	DD002283	282	283	5129.7	61.6	17.1	58.3	130.7	8.4	3466	1.1	1523.3	491	205.6	14.5	1.7	226.4	8.9	2109	140	1.33	0.30	17.68%
DD002	DD002284	283	284	2484.4	40.6	11	34.6	81.5	5.6	1480.9	0.8	808.8	246	116.7	9.2	1.2	150.9	6.1	1237	58	0.64	0.18	19.17%
DD002	DD002285	284	285	6419.9	96.8	28.5	84.8	191.9	13.9	3435.5	1.8	2301.1	680	305.4	21.8	3	369	14.5	1049	229	1.64	0.15	21.25%
DD002	DD002286	285	286	4307.8	57.1	16.9	46	107.6	8.5	2795.2	1.1	1276.3	412	159.8	12.4	1.9	221.4	8.9	816	63	1.11	0.12	17.82%
DD002	DD002287	286	287	5015	63.8	18.4	55.3	128.2	9.1	3075.3	1.2	1577.7	489	202.9	14.3	1.9	235	9.3	711	71	1.28	0.10	18.89%
DD002	DD002288	287	288	260	6.4	2.7	3.9	10.6	1.1	203.2	0.3	87	27.9	13	1.3	<0.5	30.5	2.2	84	14	0.08	0.01	17.57%
DD002	DD002289	288	289	1458.8	23.9	8	15.6	38.5	3.7	942.5	0.5	371.7	125	53.3	4.8	0.9	100.1	4.3	849	49	0.37	0.12	15.68%
DD002	DD002290	289	290	2022.4	48.1	16	25.4	67.9	7.5	1444.2	1.2	563	180	84.4	9.1	1.9	209.1	9.1	1129	74	0.55	0.16	15.74%
DD002	DD002291	290	291	2235.4	23.6	7.5	25.7	56.1	3.3	1597.1	0.5	616.7	198	89.6	5.5	0.8	91.9	4.2	975	80	0.58	0.14	16.37%
DD002	DD002292	291	292	2280.2	30.6	9.6	23.9	55.3	4.6	1608.8	0.6	602.7	201	80.9	6.4	1	128.8	5.1	1112	256	0.59	0.16	15.87%
DD002	DD002293	292	293	1396	27.6	8.6	24.3	54.7	4	847.1	0.6	448.1	135	80.3	6.3	0.9	111.9	4.7	955	162	0.37	0.14	18.41%
DD002	DD002294	293	294	294.97	1361.5	21.6	6.4	19.6	45.3	3.													

Hole_ID	Sample No	Depth_From (m)	Depth_To (m)	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	La ppm	Lu ppm	Nd ppm	Pr ppm	Srn ppm	Tb ppm	Tm ppm	Y ppm	Yb ppm	Nb ppm	Mo ppm	TREO%	Nb2O5%	NdPr%
DD004	DD004001	0	1	7947.7	31.3	8	36.9	81.6	4	6207.3	0.6	1628.9	629.3	153.6	8.4	0.9	108	4.4	815	137	1.97	0.12	13.35%
DD004	DD004002	1	2	964.2	22.6	7.9	20.2	47	3.7	519.2	0.8	392.3	106.6	69.1	5	1.2	99.6	6.5	1027	35	0.27	0.15	21.90%
DD004	DD004003	2	3	642.8	33.1	11.3	13.8	40.2	5.7	342.6	1.2	252	71.5	44.4	6	1.6	155.8	9	576	31	0.19	0.08	19.65%
DD004	DD004004	3	4	1510.5	35.6	9.5	20.4	52.9	5.2	912.4	0.8	518	154.1	71.8	7	1.1	137.7	6.2	776	142	0.40	0.11	19.41%
DD004	DD004005	4	5	10434.9	41.8	10.9	57.6	120.6	5.5	7712.1	0.6	2417.2	878.8	242.2	11.8	1.1	132.5	4.9	1320	243	2.59	0.19	14.88%
DD004	DD004006	5	6	10367.7	29.7	7.7	48.8	99.1	3.8	7971.9	0.4	2271.9	843.9	214.5	9.6	0.8	91.4	3.2	123	46	2.57	0.02	14.14%
DD004	DD004007	6	7	11914.4	37.8	8.9	56	115.8	4.4	9309.9	0.5	2484.4	948.5	234.3	11.5	0.8	111.7	3.9	91	75	2.96	0.01	13.55%
DD004	DD004008	7	8	10189.8	47.4	13.4	55.2	121.4	6.2	7748.3	0.8	2260.7	833.6	223.3	12.7	1.4	162.4	6.5	1014	201	2.54	0.15	14.22%
DD004	DD004009	8	9	11256.4	52.5	13.1	53.6	117.2	7.1	8793.9	0.8	2310.3	891.6	219.4	13.4	1.4	172.7	6.4	772	147	2.80	0.11	13.34%
DD004	DD004010	9	10	11984.8	51.9	12.8	58.8	126.9	6.6	9350.1	0.8	2416.6	938.1	238.3	13.6	1.4	165.7	5.9	1165	312	2.97	0.17	13.18%
DD004	DD004011	10	11	11462	52.9	12.6	54.6	124.1	6.7	7993.6	0.8	2400.2	942.3	218.8	14.2	1.4	164.8	5.9	3146	1359	2.75	0.45	14.20%
DD004	DD004012	11	12	7071.9	52.2	12.5	48.9	109.9	6.6	4607	0.9	1705	614.7	199.5	12.4	1.3	171	7.1	2824	1637	1.71	0.40	15.81%
DD004	DD004013	12	13	7933.1	32.4	9.7	34.5	73.2	4.7	5790.4	0.6	1695.4	650.6	154.9	8.1	0.9	119.4	4.3	571	300	1.93	0.08	14.16%
DD004	DD004014	13	14	7585.2	38.8	10.7	36.8	81.1	5.1	5486.6	0.7	1646	622.8	156.7	8.9	1.2	132.1	5.4	1300	804	1.85	0.19	14.29%
DD004	DD004015	14	15	5772.4	31.9	9	34.7	72	4.6	3957.2	0.6	1495.2	514.2	156	8.1	1.1	112.7	4.8	1304	1410	1.43	0.19	16.45%
DD004	DD004016	15	16	6144.8	39.8	12	41.2	86.8	5.8	3936.9	0.9	1579.2	550.1	175.4	9.6	1.5	149.4	6.7	1268	531	1.49	0.18	16.65%
DD004	DD004017	16	17	3862.6	24.3	7.5	27	54.8	3.5	2407	0.7	1047.9	356	115.9	5.8	1	90.3	5.4	1838	634	0.94	0.26	17.47%
DD004	DD004018	17	18	2348.3	122.1	54.1	34.9	97.6	24	1328.4	4.2	754.6	237.2	109.5	17.2	7.2	682.3	32.5	1313	871	0.69	0.19	16.75%
DD004	DD004019	18	19	6484.3	41.3	11.5	38.6	85.3	5.9	4142.7	0.9	1576.3	573.2	162.1	9.6	1.3	145.4	6.6	1843	711	1.56	0.26	16.12%
DD004	DD004020	19	20	6558.4	43.8	12.5	40.1	88.6	6.4	4661.4	0.8	1504.7	551.3	166.7	10	1.4	160.4	6.4	797	290	1.62	0.11	14.83%
DD004	DD004021	20	21	7165.3	48.5	14.4	43.7	98.8	7	4735.8	1	1749.9	623.6	182.8	11.2	1.6	184.5	7.8	846	337	1.74	0.12	15.90%
DD004	DD004022	21	22	8013.5	42.1	12.3	42	92.2	6	5773.1	0.9	1853.8	677.8	180.5	9.9	1.5	154.8	6.7	1106	212	1.98	0.16	14.96%



Drill Collar DD004 (cont.)

Hole_ID	Sample No	Depth_From (m)	Depth_To (m)	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	La ppm	Lu ppm	Nd ppm	Pr ppm	Srn ppm	Tb ppm	Tm ppm	Y ppm	Yb ppm	Nb ppm	Mo ppm	TREO%	Nb2O5%	NdPr%
DD004	DD004023	22	23	8962.8	36.5	11	45.2	95.2	5.2	6964.9	0.8	1948.9	720.6	197.6	9.7	1.3	132.4	6.4	580	20	2.24	0.08	13.90%
DD004	DD004024	23	24	7378.7	36.3	12.4	46.7	96.2	4.9	5403.5	1	1769.5	623.8	196	9.2	1.4	135.6	8	493	17	1.84	0.07	15.17%
DD004	DD004025	24	25	8782.8	37.7	13.5	51.9	101.9	5.7	6682.4	1.3	2031.5	731.4	211.3	9.7	1.9	156.5	9.8	1046	10	2.21	0.19	14.62%
DD004	DD004026	25	26	9155.8	43.8	14.2	54.3	110.3	6.4	6737.9	1	2100.2	764.7	222.5	11.1	1.5	168.2	8.1	342	94	2.27	0.09	14.72%
DD004	DD004027	26	27	7362.2	44.9	13.1	46.3	100.6	6.7	5095.1	1	1704.2	628.3	183.6	10.8	1.6	175.4	7.5	673	241	1.80	0.10	15.11%
DD004	DD004028	27	28	6076.9	46.7	14.1	41.6	92.4	6.8	3906.7	1	1555.2	544.3	168.8	9.9	1.6	190.2	8.2	484	190	1.48	0.07	16.51%
DD004	DD004029	28	29	8675.7	56.4	16.7	52.4	115.7	8	5756.7	1.3	2133.1	765.2	225.1	13	1.8	203.5	10.2	770	554	2.11	0.11	16.01%
DD004	DD004030	29	30	7983.9	53.8	17.1	49.8	110.8	8	5371.7	1.4	1933	692.2	208	12.3	2.2	207.7	10.6	1207	731	1.95	0.17	15.70%
DD004	DD004031	30	31	7349.2	43.4	14.9	43.1	90.6	7.1	4824.7	1.2	1770.2	642.5	185.4	9.9	1.9	182.7	9.2	1157	556	1.78	0.17	15.84%
DD004	DD004032	31	32	9001.1	49.2	15.8	48.9	105.4	7.6	5965.3	1.2	2108.8	778.9	210.4	11.3	1.9	193.5	9.6	923	574	2.17	0.13	15.55%
DD004	DD004033	32	33	8281.6	48	15.6	44.7	96.5	7.3	5613.7	1.2	1904.7	705	191.5	10.8	1.9	189.4	9.4	1034	585	2.01	0.19	15.20%
DD004	DD004034	33	34	4081.5	113.1	38.7	43.4	116.7	19.6	2379.9	2.7	1178	392	151.2	18.6	4.8	531	20.9	1803	901	1.07	0.26	17.15%
DD004	DD004035	34	35	7436.6	57.8	19.8	48.4	107.1	9.3	5136	1.5	1747.3	634.5	192.4	12.2	2.4	231.4	12	1197	506	1.83	0.17	15.16%
DD004	DD004036	35	36	8618.7	46.5	14.8	47.7	103.2	7.2	6250.8	1.1	1881	710	194.8	11.1	1.8	178	8.9	1546	656	2.12	0.22	14.28%
DD004	DD004037	36	37	7992.6	48.6	15.4	45.8	101.1	7.3	5535.3	1.2	1846.3	676.3	189.9	11	1.9	193.3	9.4	1197	473	1.95	0.17	15.07%
DD004	DD004038	37	38	8151.1	44.5	14.3	44.4	95.7	6.5	5470.1	1.1	1904.4	697.1	189.5	10.2	1.7	171.7	8.4	1170	656	1.97	0.17	15.42%
DD004	DD004039	38	39	7087.3	48.4	14.3	47.3	100.5	6.8	5020.4	1.1	1769.2	619.5	197	10.8	1.8	173.3	8.6	962	232	1.77	0.14	15.76%
DD004	DD004040	39	40	4259	32.9	9.8	36.2	74.9	4.8	2623.9	0.8	1248.9	409.2	149.9	7.6	1.1	119.7	6.3	1144	157	1.05	0.16	18.39%
DD004	DD004041	40	41	6512.3	40.2	12.2	53	105.6	5.7	3877	1	1949.7	629.2	225.1	10.2	1.5	137.9	7.6	1863	567	1.59	0.27	18.94%
DD004	DD004042	41	42	4534.4	32.4	9.4	40.5	80.8	4.2	2626.5	0.8	1390	440.9	171	8.3	1.1	107.9	6.2	1633	408	1.11	0.23	19.30%
DD004	DD004043	42	43	4355.2	33.3	10	39.7	84.2	4.8	2580.3	0.8	1284.7	420.5	162	8	1.2	114.2	6.6	1574	427	1.07	0.23	18.66%
DD004	DD004044	43	44	6694.1	44.7	11.8	60.3	122.9	6	4123.6	0.9	1899.3	623.6	245.9	11.7	1.3	137.8	7.3	1728	553	1.64	0.25	17.97%
DD004	DD004045	44	45	5111.7	31.4	10	40	83.2	4.4	3191.5	0.7	1436.8	481.7	167.6	8.1	1.3	117.2	5.7	1103	367	1.25	0.16	17.88%
DD004	DD004046	45	46	6574.4	48.9	14.3	56.5	119.1	7.1	4534.1	1.1	1878.9	608.7	233	11.9	1.8	178.7	8.9	1451	459	1.67	0.21	17.36%
DD004	DD004047	46	47	7074.6	47.9	15	60	123.7	7	5074.2	1.1	1966	636.5	248.5	12.3	1.7	169.6	8.3	1016	266	1.81	0.15	16.79%
DD004	DD004048	47	48	5927.3	37.4	11.4	46.2	96.5	5.4	4280.5	0.9	1586.3	526	192.6	9.3	1.4	139.5	6.9	563	120	1.51	0.08	16.36%
DD004	DD004049	48	49	6691.9	44.9	13.9	49.7	105.6	6.7	4525.8	1	1838.5	616	213.2	10.7	1.6	163.5	7.5	270	54	1.67	0.04	17.11%
DD004	DD004050	49	50	6600	38.8	11	49.4	99.8	5.5	4166.3	0.8	1859.7	620.2	210.2	9.7	1.2	133.7	6.5	824	358	1.62	0.12	17.89%
DD004	DD004051	50	51	2574.3	18.4	5.3	25.5	53.5	2.5	1211.8	0.4	906.6	276.4	110.1	5	0.7	63.9	3.5	268	68	0.62	0.04	22.43%
DD004	DD004052	51	52	4343.2	32.2	8.6	39.7	82.6	4.4	2108.7	0.6	1488.3	462.1	175.4	7.7	0.9	109.1	4.7	282	120	1.04	0.04	21.92%
DD004	DD004053	52	53	3167.4	45.1	12.5	44.6	99.9	6.5	1256.5	1.1	1293.6	370.2	174.7	10.5	1.5	172.1	8.4	204	25	0.78	0.03	24.86%
DD004	DD004054	53	54	1926	17.3	5	20.5	44.7	2.5	777.7	0.4	767.6	226.5	93	4.2	0.6	62	3.1	200	16	0.46	0.03	25.08%
DD004	DD004055	54	55	2934.8	21.6	6.8	32	63.3	3.1	1122.6	0.6	1191.8	349.9	145	5.7	1	81.9	4.9	93	8	0.70	0.01	25.76%
DD004	DD004056	55	56	2501.8	40.7	12.3	35.9	81.7	6.1	996.2	1.1	1038.8	301.8	139.1	9	1.5	157.1	8.9	193	76	0.63	0.03	25.04%
DD004	DD004057	56	57	3158.7	26.8	7.8	35	74.5	3.7	1192.6	0.6	1309.3	378.8	154.4	6.9	0.9	93.5	4.6	192	18	0.76	0.03	26.10%
DD004	DD004058	57	58	2479.6	15.1	4.8	23.4	47.5	1.9	970.5	0.4	996.7	294.4	109	4	0.5	53.3	2.8	152	10	0.59	0.02	25.72%
DD004	DD004059	58	59	3014.2	17	6	27.6	53.7	2.5	1269.9	0.5	1161.3	348.6	132.4	4.7	0.7	67	3.6	177	57	0.72	0.03	24.64%
DD004	DD004060	59	60	2726.1	22.4	7	29	58.1	3.2	1049.9	0.6	1121.4	327.1	131.3	5.3	0.9	84	4.8	210	43	0.65	0.03	25.91%
DD004	DD004061	60	61	3037.6	28.3	9	34.5	68.6	4.2	1115.9	0.9	1317.3	378.8	159.9	6.4	1.2	106.1	7	160	6	0.74	0.02	26.94%
DD004	DD004062	61	62	2538.9	24.4	8.8	32.4	62.2	3.8	920.4	1.2	1140.6	320.4	143.3	5.9	1.3	100.7	9	103	13	0.62	0.01	27.40%
DD004	DD004063	62	63	1377.5	30.2	10.8	23.6	52.4	4.9	499.1	1.3	654	177	95.3	5.8	1.7	129.3	10.3	196	23	0.36	0.03	26.90%
DD004	DD004064	63	64	1187.1	34.1	12.2	21.1	49.5	5.7	416.4	1.4	563.4	154.6	83	6.1	1.9	149.9	10.8	238	52	0.32	0.03	26.46%
DD004	DD004065	64	65	1897.9	12.6	4.1	17.4	33.2	1.8	685.3	0.4	796.4	234	84.1	3	0.6	47.2	3.5	282	25	0.45	0.04	26.88%
DD004	DD004066	65	66	1567.2	14	7.3	18.5	34.3	2.3	551.5	1.5	710.2	201	83.9	3.4	1.5	69.1	8	0.38	0.01	27.70%		
DD004	DD004067	66	67	2521.6	18.6	6.8	26.8	48.6	2.9	918.5	0.9	1112.7	315.3	123	4.4	1.1	76.1	6.8	204	8	0.61	0.03	27.46%
DD004	DD004068	67	68	2362.8	15.6	4.7	22	40	2.1	859.5	0.4	1011.2	294.3	101.9	3.9	0.5	54.8	3.4	320	8	0.56	0.05	27.25%
DD004	DD004069	68	69	3067.4	18.6	5.4	31.4	58.1	2.4	1151.4	0.4	1398.1	389	160.4	5.3	0.5	63.2	3.2	184	5	0.74	0.03	28.04%
DD004	DD004070	69	70	2269.6	18.9	5.5	24.6	48.9	2.8	835.6	0.5	1052.7	291.6	120.6	4.9	0.7	62.3	3.1	36	6	0.56	0.01	28.26%
DD004	DD004071	70	71	1778	23.5	6.1</td																	

## Drill Collar DD004 (Cont.)

Hole_ID	Sample No	Depth_From (m)	Depth_To (m)	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	La ppm	Lu ppm	Nd ppm	Pr ppm	Sm ppm	Tb ppm	Tm ppm	Y ppm	Yb ppm	Nb ppm	Mo ppm	TREO%	Nb2O5%	NdPr%
DD004	DD004105	104	105	8059	51.4	14.7	62.6	134	7.2	5705.8	1.1	2171.9	723.5	262.5	12.9	1.6	185.7	9	2183	602	2.04	0.31	16.58%
DD004	DD004106	105	106	15377.2	70.9	18.2	99	211	9.1	11693.5	1.3	3664.2	1301.2	423.3	19.5	2.1	230.3	10.4	1879	337	3.88	0.27	14.94%
DD004	DD004107	106	107	8901.2	53	15.7	61.5	131.6	7.6	5925.2	1.2	2379.2	802.2	267.8	13.1	1.7	192.6	9.7	1437	647	2.20	0.21	16.90%
DD004	DD004108	107	108	8922.7	46	13.4	53.6	112.6	6.6	6555.6	1.1	2110.9	745	231.9	11.4	1.4	168.7	8.6	1254	429	2.22	0.18	14.99%
DD004	DD004109	108	109	10519.8	53	14.7	57.1	125.5	7.1	8104.8	1.2	2243	831.4	240.3	12.7	1.7	183	9	1220	81	2.62	0.17	13.67%
DD004	DD004110	109	110	11032.4	37.8	10.4	50.2	107.1	4.9	8808.1	0.8	2210.3	851.3	219	10.4	1.2	122.7	6.1	1217	236	2.75	0.17	13.00%
DD004	DD004111	110	111	12362.4	26.3	7.9	40.4	81.3	3.7	10257.2	0.6	2274.5	933.7	185.4	7.7	0.8	93.3	4.6	854	420	3.08	0.12	12.17%
DD004	DD004112	111	112	8153.2	22.5	6.6	32.2	63.3	3	6297.5	0.5	1683.1	641.7	144.5	6.1	0.8	77.3	4.1	246	81	2.01	0.04	13.52%
DD004	DD004113	112	113	11298.2	33.5	9.5	51.5	106.8	4.2	9183.1	0.8	2239.7	860.3	217.2	10.2	1	108.3	5.9	3901	247	2.83	0.56	12.80%
DD004	DD004114	113	114	9823.4	40.2	12.7	52.1	109.4	5.8	7739.5	1.1	2200.9	795.6	227.3	10.3	1.5	147.3	8.7	3532	793	2.48	0.51	14.10%
DD004	DD004115	114	115	10606.8	29.9	8.3	47.9	98.5	3.8	8604.8	0.7	2080.2	808.2	198.7	8.9	1	97	5.2	1557	109	2.65	0.22	12.74%
DD004	DD004116	115	116	8021.2	23.9	7.6	37.9	75.8	3.4	6364.9	0.6	1633.2	621.1	165	6.7	0.8	84.4	4.8	1766	92	2.00	0.25	13.18%
DD004	DD004117	116	117	189.7	6.4	2.4	3.9	8.7	1.1	126.2	0.3	61.1	18.1	9.9	1.1	<0.5	30.6	2.4	54	13	0.05	0.01	17.02%
DD004	DD004118	117	118	12835.5	28.3	8.7	40.2	80.6	4.2	10549.4	0.6	2196.6	921.4	179.3	8	1	101	4.7	754	187	3.11	0.11	11.72%
DD004	DD004119	118	119	10791.9	37.3	10.1	42.6	93.3	4.9	8865.3	0.8	2060.6	809.1	182.5	9.9	1.1	126.4	6.5	1122	161	2.70	0.16	12.41%
DD004	DD004120	119	120	7290.4	48	13.9	39.9	86.7	7.2	4962.4	1.2	1795.3	629.6	175.5	10.3	1.8	167.1	9.1	1604	874	1.79	0.23	15.86%
DD004	DD004121	120	121	7671.2	38.2	10.9	43.2	92	5.4	5231.6	0.9	1896.4	672	187.2	9.3	1.3	140	7.1	555	448	1.88	0.08	15.99%
DD004	DD004122	121	122	4299.9	20.1	6.4	35.6	68	2.8	2421.7	0.6	1364.5	427.7	153.8	5.8	0.8	71.7	4.8	1651	643	1.04	0.24	20.11%
DD004	DD004123	122	123	4653.7	20.4	5.4	30.1	62.5	2.7	3024.8	0.5	1098.3	389.7	120	5.8	0.6	64.5	3.9	2605	1243	1.10	0.37	15.81%
DD004	DD004124	123	124	5073.7	32.1	12.1	36.7	77.1	5.4	3287.2	1.2	1287.3	444.4	146.8	7.9	1.6	146.3	9.4	1463	460	1.24	0.21	16.32%
DD004	DD004125	124	125	3957.8	69	26.2	40.1	103.2	11.6	2671.4	2.9	1014.5	343.7	137.8	13.4	3.7	327.4	22.6	1345	396	1.03	0.19	15.45%
DD004	DD004126	125	126	6311.5	32.7	8.6	35.1	77.4	4.2	4112.6	0.8	1481.2	539.9	144	8.4	1.1	103.5	5.9	1460	478	1.51	0.21	15.65%
DD004	DD004127	126	127	6407.1	31.8	9	37.8	83.5	4.3	4373.2	0.7	1513.2	543	151.5	8.5	1.1	108.7	5.8	2160	576	1.56	0.31	15.43%
DD004	DD004128	127	128	6755.9	40.7	11.5	43.2	96.1	5.6	4463.6	1	1562.6	573	169	10.5	1.4	140.9	7.6	1845	350	1.63	0.26	15.33%
DD004	DD004129	128	129	6001.9	32.1	9.1	41.9	94.8	4.3	3517.1	0.8	1537.8	544	168	9.1	1.1	105.2	5.9	2183	488	1.41	0.31	17.19%
DD004	DD004130	129	130	5963.4	28.5	7.5	41.7	90.1	3.8	3040.4	0.6	1485.6	535.8	159.6	8.7	1	89.9	5.1	1477	191	1.39	0.21	17.04%
DD004	DD004131	130	131	6001.8	21.1	4.5	39.7	80.5	2.3	3158.4	0.3	1648.6	571.5	170.1	7.3	<0.5	51.7	2.3	913	254	1.38	0.13	18.82%
DD004	DD004132	131	132	2877.2	13.4	3.6	22.6	46.9	1.6	1289.4	0.3	982.4	306.7	101.7	4.1	<0.5	37.5	2.2	349	93	0.67	0.05	22.59%
DD004	DD004133	132	133	4701	19.5	5.8	32.6	65.8	2.6	2422	0.5	1441.7	471.6	147	5.7	0.7	63.4	4.1	837	311	1.10	0.12	20.33%
DD004	DD004134	133	134	3161.1	14	3.8	26.9	52.9	1.7	1432.4	0.4	1135.4	342.7	122.4	4.4	<0.5	42.6	2.8	419	97	0.74	0.08	23.23%
DD004	DD004135	134	135	1724	10.8	3.5	16.5	34	1.5	715.4	0.4	652.3	194.4	75.1	3.1	<0.5	35.2	2.8	232	23	0.41	0.03	24.33%
DD004	DD004136	135	136	4966.6	24.6	8.1	43.6	85.5	3.4	3071.5	0.8	1432.5	463.2	183.3	7	1	91.7	6.5	1240	347	1.22	0.18	18.19%
DD004	DD004137	136	137	2964.9	22.1	8.9	30.4	61.4	3.4	1196.1	1.2	1131.1	337.8	131.6	5.5	1.5	92.7	9.6	367	334	0.70	0.09	24.41%
DD004	DD004138	137	138	4404.8	42.5	15.9	52.5	109.3	6.5	2091.9	2.1	1614.6	479.5	213.6	10.5	2.3	173.2	16.4	1002	960	1.08	0.14	22.59%
DD004	DD004139	138	139	3666.7	65.5	21.7	54.1	128.5	9	1733.5	2.3	1392.1	403.1	205.2	14.1	3.1	266.4	17.6	1340	910	0.94	0.19	22.38%
DD004	DD004140	139	140	2510.8	79	29.8	49.8	124.5	12.9	1116.4	3.4	1024.2	289	169.7	15.5	4.7	347.5	26.4	895	734	0.68	0.13	22.48%
DD004	DD004141	140	141	4881.6	65.1	21.1	49.5	118	10.5	3004.5	1.7	1394.3	449.2	187.4	14	2.7	273.6	13.5	1417	1337	1.23	0.20	17.50%
DD004	DD004142	141	142	6026.9	27.8	8.3	58.7	112.6	3.7	3510.8	0.8	1838.7	583.8	242.2	8.9	1	93.1	5.9	1577	1204	1.47	0.23	19.29%
DD004	DD004143	142	143	4576.8	23.5	7.6	30.1	63	3.2	2707.0	0.7	1204.2	419.2	124.6	6.2	1	90	5.1	1026	267	1.09	0.15	17.47%
DD004	DD004144	143	144	6151.8	34.5	9.3	49.6	104.1	4.6	3843.7	0.8	1648.4	557.3	202.1	10.1	1.2	113.5	6.1	1208	824	1.49	0.17	17.26%
DD004	DD004145	144	145	5778.3	31	8.4	59.8	126.5	3.9	3538.9	0.8	1610.1	523.6	225.6	10.3	1	95.9	5.9	1740	1084	1.41	0.28	17.69%
DD004	DD004146	145	146	5508.1	27.8	9	35.6	76.5	3.8	3388.2	0.8	1418.7	495.8	147.8	7.4	1.2	101.9	6.1	562	241	1.32	0.08	16.99%
DD004	DD004147	146	147	4073	21.1	6.3	27.8	57.9	3	2424.1	0.6	1101.9	374.8	117.8	5.8	0.8	73.8	4.6	1446	962	0.97	0.21	17.75%
DD004	DD004148	147	148	5330.8	24.3	6.9	36.5	73	3.5	3242.9	0.6	1417.6	482.7	158.4	6.7	0.9	83.8	5	1416	2131	1.27	0.20	17.42%
DD004	DD004149	148	149	5251.3	29	9.1	42.9	85.4	4.2	3096.3	0.9	1461.9	487.5	174.4	7.6	1.2	106.5	6.7	1274	1009	1.26	0.18	18.05%
DD004	DD004150	149	150	5172.8	27.6	9.4	40.1	81.5	4.1	3150.4	0.8	1365.9	467.3	163	7.3	1.2	114	6.6	1480	809	1.24	0.21	17.21%
DD004	DD004151	150	151	5496.8	24	7.7	39.2	77.5	3.3	3233.5	0.6	1504.2	508.9	166.6	6.7								



## Drill Collar DD004 (Cont.)

Hole_ID	Sample No	Depth_From (m)	Depth_To (m)	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	La ppm	Lu ppm	Nd ppm	Pr ppm	Srn ppm	Tb ppm	Tm ppm	Y ppm	Yb ppm	Nb ppm	Mo ppm	TREO%	Nb2O5%	NdPr%
DD004	DD004181	180	181	7333.6	33.7	9	44.2	92.7	4.7	5274.6	0.7	1617.9	595.6	176.8	9.3	1.1	107.8	5.2	1950	494	1.79	0.28	14.41%
DD004	DD004182	181	182	10743.6	49.4	11	54.7	119.4	6.5	8009.3	0.6	2193.2	849.5	215.4	12.3	1	132.2	5	1873	631	2.62	0.27	13.54%
DD004	DD004183	182	183	10389	48.3	11.1	53.8	119.7	6.1	7891.4	0.7	2167.9	822.5	218.5	12.4	1.2	136.1	5.8	2298	439	2.56	0.33	13.62%
DD004	DD004184	183	184	6835.1	33.7	8.9	39.9	88	4.6	4895.3	0.7	1494.2	554.4	157.6	8.6	1.1	114.2	5.8	1471	609	1.67	0.21	14.33%
DD004	DD004185	184	185	7613.5	30	6.5	45.9	96.7	3.6	5854.3	0.5	1620.5	604.2	171.8	9	0.6	83.8	3.9	1469	311	1.89	0.21	13.73%
DD004	DD004186	185	186	7841.3	28.3	6	42.6	88.8	3.3	5979.2	0.4	1655.3	621.9	167.1	8.4	0.7	78.5	3.3	2327	623	1.94	0.33	13.73%
DD004	DD004187	186	187	7766.7	32.2	7.9	45.6	95.7	3.9	5814.6	0.8	1704.8	625.5	179.8	9.3	0.9	98.3	6.3	2078	348	1.92	0.30	14.17%
DD004	DD004188	187	188	10502.3	37.1	9.1	54.6	120.8	4.5	8213	0.9	2088.9	811.2	211	11.4	1.1	111.1	6.9	2310	680	2.60	0.33	13.03%
DD004	DD004189	188	189	8064	30.3	7.4	46.7	101.4	3.7	5984.3	0.7	1732.8	644.3	185.2	8.8	0.8	91.2	5.1	2213	320	1.98	0.32	14.01%
DD004	DD004190	189	190	8730.3	35.6	7.3	55.5	123.3	4	6054.5	0.5	1936.8	719.8	212.7	11	0.7	90.9	3.8	1959	671	2.11	0.28	14.72%
DD004	DD004191	190	191	11004.3	35.7	6.9	59.7	129.1	4	7966.1	0.5	2263.9	872.9	229.8	11.5	0.6	92.3	3.6	602	656	2.66	0.09	13.79%
DD004	DD004192	191	192	9418.9	23.8	5.9	41.8	81.5	2.9	6184.1	0.4	2004.1	774.1	182.8	6.8	0.5	69.4	2.9	376	199	2.20	0.05	14.73%
DD004	DD004193	192	193	6390.5	18	5.2	30.7	58.5	2.3	4004.7	0.4	1453.5	541.6	132.5	5.4	<0.5	59.9	2.8	496	230	1.49	0.07	15.65%
DD004	DD004194	193	194	10729.9	24	6.1	45.7	91.3	2.9	7030.5	0.3	2294.7	899.8	203.7	7.7	<0.5	66.1	2.4	1486	802	2.51	0.21	14.88%
DD004	DD004195	194	195	9768.1	24.9	5	46.3	89.9	2.8	6411.2	0.4	2117.8	810.6	195.7	7.1	<0.5	63.3	2.7	462	296	2.29	0.07	14.94%
DD004	DD004196	195	196	12659.7	29.8	6.8	58.2	108.8	3.3	9439.3	0.4	2556.5	1013.4	250.5	9.1	0.6	73.8	3.1	789	266	3.07	0.11	13.51%
DD004	DD004197	196	197	8297.1	20.7	5	39.1	73.4	2.5	5669.7	0.3	1754.4	672	166.9	6.4	<0.5	56.8	2.7	562	202	1.96	0.08	14.43%
DD004	DD004198	197	198	8544.2	21.2	5.2	41.8	77.5	2.7	5956.7	0.3	1795	686.6	175.8	6.5	<0.5	57.1	2.6	927	841	2.03	0.13	14.24%
DD004	DD004199	198	199	7943.4	23.8	6.7	41.2	82.3	3.1	5497.5	0.5	1752.4	652.2	176.1	7	0.7	78.5	4	2367	816	1.91	0.34	14.73%
DD004	DD004200	199	200	4667.8	20.7	6.3	30.2	61.9	3.1	3226.2	0.6	1108.1	392	120.9	5.9	0.8	75.8	4.9	2191	391	1.14	0.31	15.37%
DD004	DD004201	200	201	6980.5	34.1	7.8	40.5	87.6	4.1	5068.5	0.5	1553.1	572.4	157.6	9.1	0.8	93.6	4.3	1566	240	1.71	0.22	14.50%
DD004	DD004202	201	202	9015	42.6	9.4	44.8	98.2	5.2	6564.4	0.6	1927.4	728.2	187.8	10.5	0.9	108.3	4.4	1291	119	2.20	0.18	14.12%
DD004	DD004203	202	203	8948.3	31.2	7.6	46.8	97.3	4	6278.0	0.6	1936.5	730.1	192.2	8.7	0.9	92.5	4.4	1586	392	2.15	0.23	14.46%
DD004	DD004204	203	204	8361.8	38.2	9	46.7	103.1	4.8	6696.7	0.7	1721.2	648.2	179.5	10.2	1	108.8	5.5	2644	1510	2.10	0.38	13.17%
DD004	DD004205	204	205	8049.1	72.3	13.3	49.6	131.3	8.4	6515.3	0.9	1594.7	608.6	164.4	16.7	1.4	175.4	7.1	1958	256	2.04	0.28	12.61%
DD004	DD004206	205	206	11276.1	54.1	11	62.1	138.8	6.4	9406.7	0.8	2220.2	851.9	232.7	14.6	1.1	137.5	5.9	2336	344	2.86	0.33	12.54%
DD004	DD004207	206	207	6288	28.4	7.1	38.7	87	3.6	4744.7	0.5	1366.6	498.6	147.4	8	0.8	94.1	4.1	1374	436	1.56	0.20	13.96%
DD004	DD004208	207	208	10319.2	36.8	7.3	61.3	127.3	4	8246.8	0.5	2101.4	797.2	222.3	11.6	0.7	87.3	3.6	1944	560	2.58	0.28	13.12%
DD004	DD004209	208	209	9450.9	30.1	5.6	50.8	106.7	3.4	7688.2	0.4	1902.8	723.8	195.9	9.4	0.5	70.1	3.2	1478	286	2.37	0.21	12.93%
DD004	DD004210	209	210	10303.2	30.7	6.6	54.6	114	3.4	8296.5	0.4	2073	793.7	207.3	10	0.6	74.1	3	2037	1102	2.57	0.29	13.01%
DD004	DD004211	210	211	10301.2	29	4.9	53.6	115.1	2.7	8504.2	0.3	1994.5	766	206.2	10.2	<0.5	56.4	2.1	2259	2003	2.58	0.32	12.48%
DD004	DD004212	211	212	10871.3	33.1	5.6	57.4	122.2	3.1	8979.2	0.4	2200.3	830.3	228.4	11.4	<0.5	57.8	2.8	1640	344	2.74	0.23	12.91%
DD004	DD004213	212	213	2259.7	111.5	34.9	32.6	101.9	18.8	1446.4	2.6	634.2	206.9	90	17.3	4.3	500.7	20.2	890	129	0.65	0.13	15.20%
DD004	DD004214	213	214	10116.1	27.1	6.1	51.4	107.8	2.8	8054.3	0.6	2036.8	775	205.7	9.3	0.6	69	4.4	2069	449	2.51	0.30	13.06%
DD004	DD004215	214	215	9060.4	31.2	8.2	50.4	108.9	3.7	7049.1	0.9	1864.4	705.4	192.8	9.7	1.2	90.5	7.1	1924	709	2.25	0.28	13.35%
DD004	DD004216	215	216	4950.8	99.9	23.9	60.2	164.4	13.4	3459.9	0.8	1242.5	425.7	179.9	12.2	1.9	324.2	14.2	1254	305	1.29	0.18	15.11%
DD004	DD004217	216	217	7843.2	28.5	8.9	43.5	91.1	3.6	6209.6	1	1649.9	617	171.3	8.3	1.3	95.6	7.8	1539	400	1.97	0.22	13.46%
DD004	DD004218	217	218	8105.9	33.8	9	48.8	102.9	4.4	5810.3	0.8	1821.2	663.4	191.1	9.7	1.2	110.4	6.4	1545	255	1.98	0.22	14.64%
DD004	DD004219	218	219	5301.4	36.1	7.8	39.4	87.9	4.4	3590.2	0.6	1272.7	450.1	148.4	9	0.8	107.6	4.3	1101	229	1.30	0.16	15.52%
DD004	DD004220	219	220	2607.6	29	5.6	28.6	69.1	3.2	1508	0.4	762.6	247.1	101.3	7.4	0.6	77.6	3.5	1036	134	0.64	0.15	18.46%
DD004	DD004221	220	221	4393.3	37.5	8.8	34.6	78.9	7.9	4219.2	0.8	1133.1	400.5	129.3	9.6	1.2	116.1	5.9	1256	332	1.09	0.18	16.49%
DD004	DD004222	221	222	6255	34	8.8	40.8	87.1	4.5	4435.8	0.8	1498.3	546.5	157.3	9.6	1	109.7	5.7	1030	419	1.55	0.15	15.44%
DD004	DD004223	222	223	10566.7	28.4	5.8	52.9	103.8	3.2	7564.4	0.5	2241.6	878	215.6	9.4	0.6	75.3	3.8	535	189	2.55	0.08	14.30%
DD004	DD004224	223	224	11279	28	7.1	57.8	106.2	3.4	8287.5	0.7	2515.4	950.4	252.6	9.1	0.8	81.3	4.8	558	254	2.76	0.08	14.65%
DD004	DD004225	224	225	7464.5	23.1	5.2	40.6	76.8	2.8	5185.3	0.5	1668.2	634.7	163.9	7.2	0.6	65.4	3.6	419	105	1.80	0.06	14.96%
DD004	DD004226	225	226	9221.3	41.2	8.5	50.1	104.3	4.7	6741.2	0.8	1978.8	765.5	197.9	11.5	1	111.5	6.1	1417	1428	2.25	0.20	14.21%
DD004	DD004227	226	227	10177	43.4	9.3	51.9	107.8	5	7789.3	0.9	2107.5	875.5	202.9	11.7	2.3	193.3	16.2	684	144	2.03	0.10	14.40%
DD004	DD004228	227	228	12396.9	39.1																		



## Drill Collar DD004 (Cont.)

Hole_ID	Sample No	Depth_From (m)	Depth_To (m)	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	La ppm	Lu ppm	Nd ppm	Pr ppm	Srn ppm	Tb ppm	Tm ppm	Y ppm	Yb ppm	Nb ppm	Mo ppm	TREO%	Nb2O5%	NdPr%
DD004	DD004261	260	261	7443.4	57.3	15.4	57.8	127.5	7.9	5460	1.4	1766.7	636	208.8	14.8	1.9	198.2	10.5	2290	343	1.88	0.33	14.95%
DD004	DD004262	261	262	8001.7	38.8	10.7	50.7	99.2	5.2	6140	0.9	1792.1	666.2	196.6	10.5	1.2	128.1	6.6	3418	744	2.01	0.49	14.29%
DD004	DD004263	262	263	8416.8	42.3	13	52.3	105.9	6.1	6317.8	1.2	1916.1	710.4	207.5	11	1.5	159.1	8.7	1839	354	2.11	0.26	14.56%
DD004	DD004264	263	264	7986.1	39.8	11.9	52.7	104.6	5.7	5757.3	1	1864.1	684.7	207.1	10.6	1.3	146.8	7.4	2173	683	1.98	0.31	15.05%
DD004	DD004265	264	265	8942.1	43	11.6	53.9	108.2	5.7	6925.8	0.9	1921.1	726.8	206.7	11.2	1.3	147.4	7	2481	801	2.24	0.36	13.81%
DD004	DD004266	265	266	4035.6	21.2	6.4	25.4	53.3	2.9	3019.1	0.5	921.8	336.6	96.9	5.6	0.7	76	3.9	1766	297	1.01	0.25	14.57%
DD004	DD004267	266	267	8085	39.7	11.7	63	122.7	5.4	5659.9	1	2104.5	723.9	257.5	11.3	1.3	137.9	7.5	1954	1078	2.02	0.28	16.36%
DD004	DD004268	267	268	6780.9	27	8.5	61.1	110.6	3.7	4797.3	0.8	1933	633	243.5	8.6	1.1	99.8	5.8	1310	516	1.72	0.19	17.38%
DD004	DD004269	268	269	9343.1	41.9	12.7	69.7	136.7	5.9	6847	1.1	2292.9	812.4	268	12.1	1.5	152.5	8.1	1141	888	2.34	0.18	15.47%
DD004	DD004270	269	270	4323.4	11.6	3	42.8	69.8	1.2	2593.3	0.3	1445.1	447.9	186.4	4.8	<0.5	29.4	2.1	1064	1379	1.07	0.15	20.61%
DD004	DD004271	270	271	3522.7	18	4	41.8	78.7	2	2159.8	0.3	1194.6	361.8	165.1	6.2	<0.5	47.6	2.6	996	758	0.89	0.14	20.40%
DD004	DD004272	271	272	9672.2	61.9	14.8	69.6	148.4	8.2	7547.1	1.1	2171.3	792.9	259	15.7	1.6	195.4	8.5	1190	451	2.46	0.17	14.09%
DD004	DD004273	272	273	8324.5	57.9	14.1	72.6	151.4	7.3	6167.5	1.1	2110.2	728.9	267	15.7	1.5	181.5	8.2	1387	442	2.12	0.20	15.62%
DD004	DD004274	273	274	5741.1	33.3	7.3	59.2	112.4	4.1	3466.2	0.6	1820.1	571.4	234.5	10.5	0.8	94.6	4.1	1101	1794	1.42	0.16	19.61%
DD004	DD004275	274	275	6636.7	43.8	10.3	63.5	127.2	5.4	5610.7	0.8	1923.4	627.3	247.1	12.3	1	124.9	5.7	883	199	1.69	0.13	17.61%
DD004	DD004276	275	276	6129.4	25.2	4.7	56.2	104.6	2.6	3835.7	0.3	1804.4	589.5	226.3	8.8	<0.5	55.2	2.5	400	1130	1.50	0.08	18.58%
DD004	DD004277	276	277	9378	50.5	11.5	53.8	114.9	6.3	6141.2	0.9	2200.8	823.4	219.4	12.6	1.2	147.5	6.6	1416	1712	2.25	0.20	15.72%
DD004	DD004278	277	278	5019.2	31.8	9.5	31.4	65.3	4.6	3216.1	0.8	1180.3	444.7	120.3	7.5	1.1	117.3	6.2	1276	934	1.20	0.18	15.79%
DD004	DD004279	278	279	8501.1	43.6	12.1	61	122.8	5.7	5569.7	1.1	2050.5	747.7	233.5	11.9	1.4	150.7	7.9	1135	521	2.05	0.18	15.92%
DD004	DD004280	279	280	7283.8	23	6.2	40.1	74.7	3	4755.6	0.5	1704.9	642.8	166.8	6.7	0.7	74.5	3.8	642	241	1.73	0.09	15.83%
DD004	DD004281	280	281	2660.7	17.9	3.6	33.7	65.2	2.2	1277	0.4	983.6	289.9	138.2	5.7	<0.5	51.1	2.8	391	2549	0.65	0.08	22.95%
DD004	DD004282	281	282	2294.5	17.7	4.5	34.1	63.5	2.2	1124.6	0.5	910	257.9	137.6	5.3	0.6	53.5	3.6	788	1647	0.57	0.11	23.71%
DD004	DD004283	282	283	3980.1	26	7.3	41.9	80.6	3.4	2602.6	0.7	1186.4	378	160.2	7.4	0.8	84.5	4.8	1405	856	1.00	0.20	18.20%
DD004	DD004284	283	284	6841.6	39.3	9.5	50	103.6	5.1	5328	0.7	1560.8	567.6	187.2	10.9	1	119.3	4.8	1695	1429	1.74	0.24	14.30%
DD004	DD004285	284	285	4122.5	29.3	6.6	50.7	100.2	3.3	2427.3	0.5	1407	428.6	199.2	9.3	0.7	81.2	3.9	492	1098	1.04	0.07	20.63%
DD004	DD004286	285	286	5148.6	33.7	7.6	48.5	101.8	4.1	3543.7	0.6	1417	476.9	184.7	9.7	0.7	93.8	4.3	3098	1232	1.30	0.44	17.04%
DD004	DD004287	286	287	5236.4	36.9	7.7	49.3	104.4	4.5	3566.9	0.5	1425.8	478.8	182.9	10.8	0.8	107.3	4	1798	2088	1.31	0.26	16.92%
DD004	DD004288	287	288	9936.4	35.9	8.4	55.4	113.9	4.6	7653.7	0.7	2167.7	824.5	220.9	11.2	0.9	104.5	5	2144	335	2.48	0.31	14.11%
DD004	DD004289	288	289	8448.6	36	8.5	53.2	110.2	4.4	6421.3	0.7	1853.1	704.5	193.4	11	1	107.4	5.5	1425	391	2.10	0.20	14.19%
DD004	DD004290	289	290	10781.6	37.9	8.2	59.7	125.8	4.5	8588.1	0.7	2252.2	857.8	229.1	11.8	0.9	104	5	1059	438	2.70	0.15	13.34%
DD004	DD004291	290	291	8151.5	38.3	7.8	53.2	112.4	4.6	6306.4	0.6	1754.9	666.1	198.8	11.7	0.8	101.9	4.6	1879	1192	2.04	0.27	13.86%
DD004	DD004292	291	292	10208.8	47.4	9.8	64.7	140	5.5	8045.8	0.7	2201.4	826.5	244.7	14.1	1	127.9	5.2	1149	608	2.57	0.16	13.75%
DD004	DD004293	292	293	7022	36.2	8.4	50	99.8	4.6	5223.8	0.6	1704.7	605.2	188.3	10.1	0.8	106.6	4.6	1008	226	1.76	0.14	15.28%
DD004	DD004294	293	294	7590.5	44.2	10.4	57.1	117.8	5.4	5691.8	0.8	1844.3	655.7	218.7	12.3	1.1	129	6	1042	331	1.92	0.15	15.21%
DD004	DD004295	294	295	6333.7	46.3	9.7	54.9	122.3	5.5	4532.1	0.7	1557.9	557.3	197.1	13	1	127.5	5.4	2980	426	1.59	0.43	15.54%
DD004	DD004296	295	296	6156.5	35.8	7.8	51.7	103.4	4.3	4310.5	0.6	1579.8	553.4	193.6	10.5	0.9	98.4	4.4	1909	347	1.54	0.27	16.22%
DD004	DD004297	296	297	8362.9	36.2	8	55.3	113.2	4.6	6267.7	0.7	1881.3	692.4	210	11.4	0.8	107.7	5	2630	973	2.08	0.38	14.45%
DD004	DD004298	297	298	4532	24.2	5.8	34.3	69.2	3	3176.8	0.6	1128.3	394.6	132.5	6.8	0.6	72.7	4.2	1118	885	1.12	0.16	15.83%
DD004	DD004299	298	299	5481	47.6	11.3	48.6	108.1	6	3481.9	0.8	1395	497.3	173	12.4	1.2	143.7	6.2	707	221	1.34	0.10	16.52%
DD004	DD004300	299	300	12813.5	24.2	5.1	60.3	110.9	2.4	8927.8	0.4	2921.6	1143.6	269.4	9	<0.5	55.2	2.6	1259	455	3.09	0.18	15.38%
DD004	DD004301	300	301	11754.1	39.4	7.5	63.8	128.7	4.2	7410.9	0.6	2771.7	1061.9	265.9	12.7	0.8	94.3	4.1	1106	260	2.77	0.16	16.18%
DD004	DD004302	301	302	8349.7	26.3	5.3	45.9	90.9	2.8	5551.1	0.4	1885.2	714.7	186.9	8.8	0.6	66.6	3	763	142	1.98	0.11	15.30%
DD004	DD004303	302	303	6623.7	31.7	7.5	43.1	88.9	3.9	4409.8	0.6	1609.2	586.6	174.8	9.1	0.9	93.7	4.7	773	368	1.60	0.11	15.99%
DD004	DD004304	303	304	5168	40.7	9.7	48.3	104.4	5.1	3269.4	0.8	1401.3	479.5	175.2	11.3	1	119.4	5.6	607	453	1.27	0.09	17.29%
DD004	DD004305	304	305	3138.9	34.4	9.4	38.7	84.3	4.5	1575	0.9	1045.8	323	144.8	9	1	114.6	6.3	520	226	0.79	0.07	20.32%
DD004	DD004306	305	306	7930.5	34.4	8.5	56.7	113.5	4.4	5112.2	0.7	2028.7	717.4	226.7	10.3	0.8	100.1	4.8	636	373	1.91	0.09	16.74%
DD004	DD004307	306	307	10177	52.5	12.6	59.8	133.1	6.6	7610.5	0.9	2176	827.4	225.7	14.5	1.3	156	7	722	518	2.51	0.10	13.95%
DD004	DD004308	307	308	11439	37.5	7.6</																	



Drill Collar DD004 (Cont.)

Hole_ID	Sample No	Depth_From (m)	Depth_To (m)	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	La ppm	Lu ppm	Nd ppm	Pr ppm	Srn ppm	Tb ppm	Tm ppm	Y ppm	Yb ppm	Nb ppm	Mo ppm	TREO%	Nb2O5%	NdPr%
DD004	DD004341	339	340	2394.2	83.7	18.1	46.7	122.9	10.9	968	1.2	975.8	273	150.8	18.2	1.9	271.9	8.6	1946	450	0.63	0.28	23.23%
DD004	DD004342	340	341	4061.6	46.7	9.8	44.8	98.4	5.7	2430.2	0.6	1184.6	386	160.4	11.6	1	142.2	4.8	1302	573	1.01	0.19	18.22%
DD004	DD004343	341	342	4820.6	53.8	11.9	49.5	113.4	6.8	3007.1	0.8	1321.1	444.3	181.6	13.9	1.2	163.7	6.2	1033	781	1.19	0.15	17.25%
DD004	DD004344	342	343	7185.5	24.5	5.4	48.8	92.3	2.7	5045	0.4	1775.1	621.5	202.5	8.3	0.5	65	2.8	1799	547	1.77	0.26	15.84%
DD004	DD004345	343	344	6423.3	23.2	5.4	48.7	91.8	2.6	4187.7	0.4	1716.9	578.9	208.6	8.2	0.5	64.4	3.1	2260	1087	1.56	0.32	17.13%
DD004	DD004346	344	345	6048.3	28.8	6.5	48.6	94.3	3.4	4128.7	0.5	1595.7	539.9	195.1	9.1	0.7	80.8	3.5	2810	2692	1.50	0.40	16.65%
DD004	DD004347	345	346	4943.4	40.7	10	38.9	85.7	5.5	3236.5	0.7	1295.7	448.8	152.9	10.1	1	135.9	5.1	1394	902	1.22	0.20	16.69%
DD004	DD004348	346	347	3685	34.7	9.2	34.6	71.3	4.9	2094.2	0.6	1087.4	354.2	132	8.2	1	127.1	4.5	1366	343	0.90	0.20	18.78%
DD004	DD004349	347	348	1681.1	47.6	15.3	23.9	62	8	970.4	1.1	534.1	160.6	83.2	8.9	1.6	211.9	8.1	779	150	0.45	0.11	18.08%
DD004	DD004350	348	349	3375.5	32.9	9.6	33.8	71.9	4.9	1897.7	0.7	1080	337.4	136.2	7.8	1.1	127.6	5	1088	322	0.83	0.16	19.82%
DD004	DD004351	349	350	4435.2	58.2	16.8	53	114.4	8.8	2445.2	1.2	1555.6	464	204.6	13.5	1.7	216.4	8.6	2866	2665	1.12	0.41	20.96%
DD004	DD004352	350	351	4220.6	61.9	18.1	54.5	117.4	9.4	2277.5	1.3	1468.4	431.4	200.7	13.6	2.1	235.6	9.7	4178	13	1.07	0.60	20.74%
DD004	DD004353	351	352	3910.8	67.9	20.3	53.8	121.8	10.1	2160.4	1.4	1378.3	403.4	192.7	15	2.2	261.1	10.7	6024	8	1.01	0.86	20.60%
DD004	DD004354	352	353	3878.4	73.3	21.9	53.1	121	11.4	2090	1.6	1407.2	410.4	197	15.3	2.4	292.1	11.7	2998	8	1.01	0.43	21.06%
DD004	DD004355	353	354	4725.4	68.1	17.9	63.7	133.8	9.7	2408.5	1.1	1829.5	523.7	242	15.6	1.8	242.6	8.3	985	11	1.21	0.14	22.77%
DD004	DD004356	354	355	5319.4	71.7	20.8	62.9	138.1	10.6	2821.7	1.4	1857.1	553.3	234	16.4	2.2	268.9	10.4	856	9	1.33	0.12	21.08%
DD004	DD004357	355	356	4719.3	53.8	14.8	54.1	113.3	8.1	2531	1	1628.5	494.2	207.5	12.9	1.5	195.4	7	1049	61	1.18	0.15	21.06%
DD004	DD004358	356	357	4618	64.4	21.3	54	115.3	10.4	2507.7	1.5	1626.4	485.6	206.7	13.8	2.3	263.9	10.9	1349	13	1.17	0.19	21.02%
DD004	DD004359	357	358	3887.5	85.3	33.3	47.3	109.4	15	2100.5	2.6	1380.2	404.9	176	15.3	3.8	396.6	19	1648	24	1.02	0.24	20.45%
DD004	DD004360	358	359	3991.8	121.9	42	54.8	135.1	20.7	2123	3	1473	430.5	199.2	14.6	2.9	279.8	16.9	1650	5	1.37	0.24	21.14%
DD004	DD004361	359	360	4088.9	60.6	18.5	47.5	105.1	9.3	2244.7	1.3	1436	427	182.2	13.3	2	243.5	9.9	2994	16	1.04	0.43	20.86%
DD004	DD004362	360	361	4264.9	49.2	14.5	49.3	105.1	7.2	2336.5	1.1	1488.9	442.5	187.3	11.5	1.6	185.3	8	3162	3	1.07	0.45	21.02%
DD004	DD004363	361	362	4244.3	68.4	19.1	61	134.4	9.9	2073.1	1.4	1692.6	476.6	228.2	15.9	2.2	256.5	10.6	1934	12	1.09	0.28	23.24%
DD004	DD004364	362	363	5286.5	78.2	22.4	70.7	157.1	11	2812.3	1.8	1857.7	556	245.3	18.6	2.6	282.8	13.4	1423	29	1.34	0.20	21.05%
DD004	DD004365	363	364	5348.1	79.9	22.7	70.8	162.5	11.1	2909.9	2.3	1911.4	562.6	235.9	19.6	2.9	279.8	16.9	1650	5	1.37	0.24	21.14%
DD004	DD004366	364	365	4849.8	20.3	5.5	41.6	79.2	2.4	2826.6	0.4	1552	481.2	179.1	6.8	0.5	65.9	3.3	2108	14	1.18	0.30	20.04%
DD004	DD004367	365	366	9363.9	21.1	3.6	55.3	113.7	1.8	7079.3	0.2	2113.8	768.2	221.1	9.6	<0.5	42.5	1.6	664	103	2.32	0.10	14.51%
DD004	DD004368	366	367	9501	22	3.5	50.6	105.9	1.9	7229.3	0.2	2041.3	764.6	194.6	9.4	<0.5	42.5	1.5	551	28	2.34	0.08	14.01%
DD004	DD004369	367	368	9866.7	22	3.5	58.4	120	1.9	7749.6	0.2	2147.1	795.1	223.6	10	<0.5	41.9	1.6	795	110	2.46	0.11	13.94%
DD004	DD004370	368	369	5736.4	23	5.9	42.8	86.9	2.8	3941.2	0.5	1544.2	513.7	171.1	7.8	0.7	70.3	3.9	3682	78	1.42	0.53	16.88%
DD004	DD004371	369	370	5502.8	34.8	10	50.9	99.3	5	3471.9	0.9	1719.9	536	205.3	9.5	1.2	123.8	6.5	1944	20	1.38	0.28	19.09%
DD004	DD004372	370	371	4312.7	94.7	28.9	62.6	150.9	13.8	2744.6	2.7	1951.3	457.2	227.7	20.8	3.6	348.9	20.1	717	4	1.13	0.10	21.22%
DD004	DD004373	371	372	4111	35	10.6	46.9	97.3	5	2182.2	1	1466.6	432.4	184.1	9.3	1.3	124.4	7.6	518	5	1.02	0.07	21.72%
DD004	DD004374	372	373	5277.8	15.3	3.8	39.4	73.8	1.8	3350.4	0.3	1491.6	495.6	162.9	6	<0.5	44.4	2.2	558	332	1.28	0.08	18.07%
DD004	DD004375	373	374	7165.6	16.2	2.6	41.9	80.9	1.3	5299.4	0.2	1679.6	601	171.8	6.6	<0.5	31.5	1.5	1123	174	1.77	0.16	15.06%
DD004	DD004376	374	375	11748.4	24.4	3.7	55.6	112.6	2	9595.8	0.2	2423.5	911.1	227	9.9	<0.5	43.1	1.5	921	55	2.95	0.13	13.21%
DD004	DD004377	375	376	10417.8	21.4	4.7	56.4	106.6	2	7976.6	0.4	2431.8	864.6	235.3	8.6	<0.5	47.7	2.2	1141	69	2.60	0.18	14.82%
DD004	DD004378	376	377	12327.8	24.5	5.4	71.5	137.2	2.4	9880.1	0.5	2825.1	1070.1	291.9	11.1	0.6	56	3.8	2728	394	3.13	0.39	14.54%
DD004	DD004379	377	378	8896.9	25.1	5.8	58.9	114.4	2.9	6928.8	0.5	2183.6	749.6	239.8	9.6	0.6	67.3	3.6	2872	86	2.26	0.41	15.16%
DD004	DD004380	378	379	7416.2	21.7	4.4	50.6	105.9	1.2	5691.6	0.4	1830	626.4	205.7	8.8	<0.5	51.2	2.7	2279	13	1.88	0.33	15.29%
DD004	DD004381	379	380	7588.3	20.9	3.1	53	105.2	1.9	5668.6	0.2	1917.3	652.8	210.5	8.7	<0.5	38.4	1.7	2678	1097	1.91	0.38	15.75%
DD004	DD004382	380	381	8499.5	26.3	6.3	59	112.6	3	6250.3	0.5	2204.6	741.7	244.1	9.6	0.6	77.9	3.8	1267	23	2.14	0.18	16.10%
DD004	DD004383	381	382	13341.7	32.1	5.9	68.3	132.7	3.2	11106.8	0.4	2830.8	1177.7	284.1	12.1	0.6	74.1	2.7	2277	234	3.40	0.33	13.57%
DD004	DD004384	382	383	8283	32.2	9.2	55	103.9	4.5	6026.5	0.5	2139.6	721.5	226	9.4	1	111.7	4.9	1560	158	2.07	0.22	16.13%
DD004	DD004385	383	383	7065.7	41.2	11.1	55.8	110.5	5.4	4803.9	0.8	2017.1	647.6	223.3	11	1.1	138	6.3	3063	10	1.77	0.44	17.54%
DD004	DD004386	383.98	384.89	1417.2	25.8	7.5	16.4	41.7	3.6	797.5	0.5	506.3	157.5	59.4	5.2	0.8	92.8	4.1	14749	176	0.37	2.11	21.07%
DD004	DD004387	384.89	385.59	4344.1	98.3	30.7	58.3	143.5	15.8	2334.8	2.1	1637.6	475.6	218.8	18.9	3.6	4012	16.2	2600	180	1.15	0.37	21.45%
DD004	DD004388	385.59	386	1378.5	24																		



## Drill Collar DD004 (Cont.)

Hole_ID	Sample No	Depth_From (m)	Depth_To (m)	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	La ppm	Lu ppm	Nd ppm	Pr ppm	Srn ppm	Tb ppm	Tm ppm	Y ppm	Yb ppm	Nb ppm	Mo ppm	TREO%	Nb2O5%	NdPr%
DD004	DD004421	416	417	2577.3	59.6	20.7	40.5	95.4	10	1211.2	1.6	1148.8	307.1	152.5	11.7	2.4	259.9	12.3	617	2	0.69	0.09	24.50%
DD004	DD004422	417	418.14	2703.8	62.7	21.7	43.2	103.3	10.4	1248.5	1.7	1218.1	325.3	168.2	12.2	2.6	268.1	13.3	1554	3	0.73	0.22	24.75%
DD004	DD004423	418.14	419.3	3082.4	69.8	22.2	59.4	133.6	10.8	1438.7	1.8	1414.3	375.3	213	15.6	2.7	277.4	14.1	3323	2	0.84	0.48	24.97%
DD004	DD004424	419.3	420.8	3558.8	65.1	18.4	63.8	141	9.6	1711.8	1.4	1536.7	421	230.3	15.5	2.1	235.3	10.8	3352	2	0.94	0.48	24.30%
DD004	DD004425	420.8	422	3503.5	80.7	22.6	66.1	151.1	11.9	1683.9	1.7	1529.9	413.9	234	17.7	2.6	288.1	13.1	2056	2	0.94	0.29	24.12%
DD004	DD004426	422	423	3812.4	76.5	24.4	60.6	139.1	11.8	1861.3	2	1601.2	444	226.1	16.2	2.8	304.8	15.4	2298	2	1.01	0.33	23.67%
DD004	DD004427	423	424	4349	75.5	22.9	64.1	145.8	11.2	2137.6	1.6	1784.7	502.4	238	16.6	2.5	277.5	12.7	1754	2	1.13	0.25	23.62%
DD004	DD004428	424	425	4129.4	61.9	18.3	59	127.3	9.2	2071	1.4	1660	472.4	222.1	13.9	2.3	233.6	10.6	2011	3	1.07	0.29	23.36%
DD004	DD004429	425	426	4262.5	77.2	24.4	65.1	143.7	12.1	2043.1	1.9	1797.4	497.6	246.7	16.7	3.1	313.3	14.4	1443	4	1.12	0.21	24.00%
DD004	DD004430	426	427	4179.9	82.6	24.7	70.5	160.4	12.6	1953	1.7	1767.7	489.9	249.5	18.2	2.7	315.6	13.6	1621	3	1.10	0.23	24.05%
DD004	DD004431	427	428	4436.9	72.9	21.2	70	154.6	10.7	2092	1.5	1889.4	523.7	264.3	17.3	2.4	271.6	11.9	2773	2	1.15	0.40	24.42%
DD004	DD004432	428	429.5	2917.9	50.5	14.5	46.5	105.1	7.3	1432.5	1.1	1177.8	333.1	170.2	11.9	1.6	185	8.6	6722	2	0.76	0.96	23.28%
DD004	DD004433	429.5	431	4965.9	53.8	16.6	59.7	8.1	2428.2	1.2	1957	558.3	239.8	13.3	1.8	203.3	9	2244	<1	1.25	0.32	23.55%	
DD004	DD004434	431	432	3090.1	54.1	16.9	47	108.6	8.3	1486.6	1.3	1279.6	358.5	176.3	12.3	1.9	213.3	9.8	5160	2	0.80	0.74	23.76%
DD004	DD004435	432	433	3632.5	75.8	23.1	63.2	144.1	11.4	1665.2	1.7	1627.5	437	231.7	16.4	2.6	295	13.2	659	<1	0.97	0.09	24.93%
DD004	DD004436	433	434	3336.2	70.5	21.7	62.6	139.9	10.3	1497.8	1.6	1574	413.7	235.3	15.5	2.5	278.2	12.4	889	1	0.90	0.13	25.79%
DD004	DD004437	434	435	3749.1	64.4	19.5	53.1	120.9	1.0	1689.6	1.3	1624.1	448.7	206.2	14.1	2.2	254.3	10.4	289	2	0.97	0.04	24.96%
DD004	DD004438	435	436	3274.7	56.5	15.3	62.2	130.6	7.8	1461.7	1	1588.7	409.3	239.4	13.8	1.8	198.4	8.2	4688	2	0.88	0.67	26.64%
DD004	DD004439	436	437	3582.5	68.8	20.5	54.9	128.5	10.6	1622.1	1.3	1621.5	437.7	210	15.5	2.1	265	10.5	282	<1	0.94	0.04	25.46%
DD004	DD004440	437	438	3625.4	62.5	19.8	59	128.1	9.2	1654.9	1.2	1664.2	441.5	231.3	14	2.1	240.3	9.6	1047	1	0.96	0.15	25.68%
DD004	DD004441	438	439	3776.5	66	20.1	61	131.4	1.0	1716.3	1.4	1723.6	460	235.9	15	2.5	260.1	10.8	483	3	1.00	0.07	25.60%
DD004	DD004442	439	440	3703.2	83.2	28	65.5	147.2	13.5	1697.9	2	1703.7	451.8	250	17	3.3	344.7	15.5	564	3	1.00	0.08	25.15%
DD004	DD004443	440	441	3676.1	85	27.3	64.7	150.4	13.5	1684.4	1.9	1643.6	444.2	243.6	17.5	3	330.1	14.5	462	1	0.99	0.07	24.73%
DD004	DD004444	441	442	3729	94.5	27.7	81	185.8	14.2	1707.7	2	1709.2	456.8	279.1	21.3	3	348	15.5	1610	3	1.02	0.23	24.85%
DD004	DD004445	442	443	3643.8	82	22.9	66.2	160.3	11.8	1665.8	1.7	1621.7	437.9	230.1	19	2.7	292.6	13.2	3019	2	0.97	0.43	24.78%
DD004	DD004446	443	444	3669.4	69.9	19.9	54.9	130	10.4	1669.9	1.6	1615.6	440.2	209	15.6	2.4	260.8	12.2	2417	1	0.96	0.35	25.01%
DD004	DD004447	444	445	3780.8	73.7	22.3	59.8	138.5	10.9	1739.6	1.7	1661.8	454.8	222.2	16.3	2.6	277.9	13.4	2913	3	0.99	0.42	24.86%
DD004	DD004448	445	446	3874.4	71.4	19.9	67.5	156.2	10	1689.9	1.5	1646.4	454.1	242.6	17.1	2.3	250.7	11.9	2219	2	1.02	0.32	24.05%
DD004	DD004449	446	447	4046.7	56.2	16	59.4	128.4	8.1	1949.9	1.2	1678.6	465.4	228.6	13.6	1.9	198.2	9.4	2465	3	1.04	0.35	24.10%
DD004	DD004450	447	448	3712	59.7	18.1	56.2	125.8	8.9	1783.6	1.4	1522.6	430.5	213.5	14	2.3	226.9	10.9	2696	3	0.96	0.39	23.76%
DD004	DD004451	448	449	4946.2	61.6	17.8	70.1	152.3	9.2	2425.5	1.5	2055.5	574.4	270.2	15.5	2.1	224.1	11.3	635	2	1.27	0.09	24.18%
DD004	DD004452	449	450	4820.8	66.2	19.4	72.1	155.4	9.5	2401.7	1.7	1942.2	550.4	265.4	16.3	2.5	240.3	13	1680	2	1.24	0.24	23.47%
DD004	DD004453	450	451	4328.9	60.8	19.1	60.4	135	9.1	2199.8	1.7	1667.3	481.3	230.9	14.5	2.5	227.2	13.6	2340	1	1.11	0.33	22.64%
DD004	DD004454	451	452	5862.9	49.4	14.9	65.2	136.6	7	3049.8	1.3	2123.7	633.6	259.7	13.5	1.8	180.7	9.8	812	3	1.45	0.12	22.14%
DD004	DD004455	452	453	3606.3	55.2	18.4	84.1	107.6	8.6	1786	1.6	1404.5	403.7	180.7	12.4	2.4	221.9	12.8	3855	3	0.92	0.55	22.87%
DD004	DD004456	453	454	4532.2	69.8	23.4	62.8	142.6	10.9	2000.7	2.1	1803.6	515.9	241.2	16.2	3.1	281.8	16.7	2733	2	1.16	0.39	23.27%
DD004	DD004457	454	455	5738.7	77.6	26.1	80.6	176.3	11.8	2746.4	2.5	2318.5	661.1	315.9	18.4	3.3	306.6	19.3	722	2	1.47	0.10	23.74%
DD004	DD004458	455	456	5097.1	92.5	31.8	77.7	174.9	14.5	2446.2	3	2062.8	586.6	284.5	20.5	4.3	380.6	23.2	719	4	1.33	0.10	23.34%
DD004	DD004459	456	457	1246.9	19	6.7	15.5	35.1	3.1	674.3	0.6	444.2	134	58.6	4.2	1	81	4.8	7660	8	0.32	1.10	21.09%
DD004	DD004460	457	458	4804.1	68.7	24.5	62	136.7	11	2334	2.3	1887.3	548.3	244.1	15.3	3.4	292.8	17.6	1635	3	1.23	0.23	23.20%
DD004	DD004461	458	462	3122.5	66.5	26	45.5	108.8	11.4	1566.3	2.4	1224.4	350	168.7	13.5	3.5	304.6	19	2379	3	0.83	0.34	22.26%
DD004	DD004462	462	463	4241.8	60.4	21.3	59.2	127.4	9.5	2039.6	2.1	1739.7	492.6	234.7	13.6	3	250.4	16.3	1593	4	1.09	0.23	23.87%
DD004	DD004463	463	464	3437.9	63.6	23	56.2	123.7	10.4	1515	2.3	1520	413.1	213.9	13.8	3.2	267.2	17.5	2591	8	0.90	0.37	25.05%
DD004	DD004464	464	465	4635	63.9	21.9	59.7	129.1	9.9	2057.4	2.1	1782.9	498.4	237.2	14.2	2.8	260.8	16.1	1161	19	1.11	0.17	23.92%
DD004	DD004465	466.7	467	5315.6	48.2	16.9	60.9	124.9	7.3	2746.5	1.7	2003.5	585.3	247.8	12.1	2.4	196.7	13.6	900	16	1.33	0.13	22.66%
DD004	DD004466	466.7	468.2	5096.1	62.4	22.9	64.9	137.4	10.2	2612.8	2.3	1940.6	565.6	250.8	14.9	3.2	270.6	18.1	1339	2	1.30	0.19	22.54%
DD004	DD004467	468.2	469	5659	50.4	17.8	56.1	116.3	7.8	3336.4	1.8	1834.2	575.8	224	12.1	2.3	208.7	13.7	2661	3	1.42	0.38	19.81%
DD004	DD00446																						

## Drill Collar DD004 (Cont.)

Hole_ID	Sample_No	Depth_From_(m)	Depth_To_(m)	Ce_ppm	Dy_ppm	Er_ppm	Eu_ppm	Gd_ppm	Ho_ppm	La_ppm	Lu_ppm	Nd_ppm	Pr_ppm	Sm_ppm	Tb_ppm	Tm_ppm	Y_ppm	Yb_ppm	Nb_ppm	Mo_ppm	TREO%	Nb205%	NdPr%
DD004	DD004501	503.8	504.8	3516.7	55.1	14.9	51.6	119.5	7.9	1647.7	1	1450.6	400.1	191.6	13.4	1.7	194.6	7.7	1345	1	0.90	0.19	24.02%
DD004	DD004502	504.8	505.78	3694.1	67	18.2	55.5	132.9	9.4	1777.8	1.2	1504.5	413.6	210.8	15.1	2.1	231.3	9.6	1619	3	0.95	0.23	23.45%
DD004	DD004503	505.78	506.8	3223.8	54.1	14.5	46.5	109.2	7.9	1524.4	1	1285.9	359.9	172.9	12.3	1.5	186.7	7.5	2719	1	0.82	0.39	23.39%
DD004	DD004504	506.8	508	1225.5	9.9	2.7	11.6	26.6	1.4	772.8	0.3	353.8	113.3	44.6	2.5	<0.5	31.8	2.1	10922	2	0.30	1.56	17.91%
DD004	DD004505	508	509	2489.6	26.2	7.1	30	65.5	3.6	1220.6	0.5	956.8	267.8	116.2	6.8	0.8	86.9	4.2	8116	1	0.62	1.16	23.10%
DD004	DD004506	509	510.46	1745.5	11.5	3.2	17.6	37.2	1.5	878.2	0.3	626.2	185.5	70.7	3.5	<0.5	37.4	2.3	6553	2	0.42	0.94	22.35%
DD004	DD004507	510.46	511.2	3058.7	47	12.6	46.1	107.1	6.7	1475.5	0.9	1205.7	335.2	169.1	11.2	1.3	156.6	6.9	988	2	0.78	0.14	23.11%
DD004	DD004508	511.2	512	3212.8	64.1	17.4	57.9	131.8	9.1	1496.7	1.2	1367.1	367.5	209.2	14.3	1.9	223.3	9.6	744	2	0.84	0.11	24.04%
DD004	DD004509	512	513	3395.2	69.7	18.4	57.5	131.9	9.9	1566.7	1.2	1443.3	389.2	206.5	15.3	2	242.8	9.2	1970	<1	0.89	0.28	24.13%
DD004	DD004510	513	514.5	772.7	5.5	1.5	7.5	14.9	0.8	413.6	0.2	243.3	76.1	29.3	1.4	<0.5	18.5	1.2	11437	3	0.19	1.64	20.06%
DD004	DD004511	514.5	515.9	3863.8	77.8	21.1	60.6	140.1	11.2	1729.3	1.3	1704.5	453.3	233.5	16.8	2.2	275.6	9.8	448	<1	1.01	0.06	24.98%
DD004	DD004512	515.9	518.5	3719.1	90.5	27.9	64.2	156	14.3	1655.8	1.6	1641.7	433.4	229.2	18.7	2.9	359	12.3	407	<1	0.99	0.06	24.50%
DD004	DD004513	518.5	519.4	3667.1	112.8	34.2	70.9	176.9	17.7	1627.8	2	1629.3	429.4	248.1	23.1	3.6	448.3	15.8	2396	2	1.00	0.34	24.06%
DD004	DD004514	519.4	520.4	3594.3	88.1	26.9	61	148	13.9	1620.2	1.7	1555.1	418.5	223.1	18.4	2.8	347.6	12.9	4271	<1	0.95	0.61	24.14%

## Drill Collar DD004A

Hole_ID	Sample_No	Depth_From_(m)	Depth_To_(m)	Ce_ppm	Dy_ppm	Er_ppm	Eu_ppm	Gd_ppm	Ho_ppm	La_ppm	Lu_ppm	Nd_ppm	Pr_ppm	Sm_ppm	Tb_ppm	Tm_ppm	Y_ppm	Yb_ppm	Nb_ppm	Mo_ppm	TREO%	Nb205%	NdPr%
DD004A	DD004A-001	0	1.63	11309	36.3	9.5	57.3	112	4.4	8687	0.6	2399	911	231.6	10.9	0.9	107.9	4.3	505	45	2.80	0.07	13.82%
DD004A	DD004A-002	1.63	2.64	8164.4	26.5	7.5	46	89.5	3.6	5806	0.5	1882	685	187.7	8.4	0.7	88.4	3.7	264	79	1.99	0.04	15.05%
DD004A	DD004A-003	2.64	3.56	10292	31.6	7.8	54.5	106	3.8	7959	0.5	2205	827	215.7	10	0.7	91.8	3.9	187	61	2.55	0.03	13.86%
DD004A	DD004A-004	3.56	4.81	10340	28.4	6.3	49.9	98.8	3.2	8083	0.4	2089	817	190.9	9.7	0.6	75.4	3.1	158	74	2.55	0.02	13.29%
DD004A	DD004A-005	4.81	6.21	14363	48.8	11.8	74.5	152	5.8	10837	0.6	3018	1226	290.3	14.4	1.1	135.5	4.8	1043	237	3.54	0.15	14.01%
DD004A	DD004A-006	6.21	7.37	10834	45.4	13	57.5	119	6.1	7878	0.9	2358	890	230.6	12.4	1.3	153.7	6.6	1258	288	2.65	0.18	14.32%
DD004A	DD004A-007	7.37	8.3	10016	51.8	14.9	56.6	121	7.2	7275	1	2210	822	218.7	13.2	1.5	175	7.4	2024	352	2.46	0.29	14.40%
DD004A	DD004A-008	8.3	9.62	8871.7	56.5	16	54.6	115	7.8	6321	1	2042	745	208.7	13	1.6	180.5	7.7	1810	392	2.18	0.26	14.90%
DD004A	DD004A-009	9.62	10.88	6653.9	41.1	11.8	44.6	91.8	5.8	4483	0.7	1609	576	171.9	10.1	1.2	133.4	5.7	3087	820	1.62	0.44	15.73%
DD004A	DD004A-010	10.88	11.62	6754.2	38.1	11.2	42.1	82.4	5.4	4392	0.8	1712	606	181.3	8.7	1.2	134.5	6.2	2168	555	1.64	0.31	16.53%
DD004A	DD004A-011	11.62	12.58	6566.8	36	10.5	38.7	76.5	5	4681	0.7	1543	558	153.3	8.6	1.2	125.6	5.5	2273	361	1.62	0.33	15.16%
DD004A	DD004A-012	12.58	13.42	10226	47.1	14	47.4	100	6.7	8245	0.9	2043	786	190.3	11.4	1.5	159.7	7	2260	369	2.59	0.32	12.78%
DD004A	DD004A-013	13.42	14.69	9040.4	46.1	13.7	46.3	95.1	6.3	6667	1	1949	736	181.5	11	1.4	162.1	7.6	1627	487	2.22	0.23	14.11%
DD004A	DD004A-014	14.69	15.68	6848.1	32.3	9.1	45	88.9	4.5	4571	0.7	1733	608	183.3	8.9	0.9	106.4	5.2	914	622	1.67	0.13	16.37%
DD004A	DD004A-015	15.68	17.1	6257.9	36	9.9	41.7	86.9	4.6	4547	0.7	1472	529	161	9.3	1.1	113.3	5.3	1153	587	1.56	0.16	15.02%
DD004A	DD004A-016	17.1	18.51	9826.7	47.1	13.8	53	109	6.6	7634	0.9	2134	791	212.6	12	1.4	162.4	7.1	641	200	2.46	0.09	13.87%
DD004A	DD004A-017	18.51	19.01	7408.1	38.5	11.3	43.2	92.1	5.3	5836	0.9	1556	585	163.5	9.7	1.2	128.6	6.9	916	338	1.86	0.13	13.42%
DD004A	DD004A-018	19.01	20.54	12104	39	12.5	55.3	112	5.3	9995	0.9	2401	931	226.7	11.4	1.3	133	6.9	1448	136	3.05	0.21	12.76%
DD004A	DD004A-019	20.54	21.39	7925	93.8	34.1	53.9	131	15.1	5987	2.7	1745	650	186.3	17.6	3.8	396	20.8	1887	351	2.02	0.27	13.81%
DD004A	DD004A-020	21.39	22.5	9533.2	44.4	14	46.8	99.8	6.2	6884	0.9	2045	780	194.5	11.1	1.4	152.3	7	904	364	2.32	0.13	14.20%
DD004A	DD004A-021	22.5	23.66	9525.8	46.3	16.5	45.3	95.7	7.1	7522	1.2	1898	743	174.8	11.2	1.8	184	9.1	1387	435	2.38	0.20	12.98%
DD004A	DD004A-022	23.66	25	5784.6	36	12.1	34.4	72.4	5.6	3767	0.9	1428	512	141	8.3	1.3	134.8	6.9	2292	1230	1.40	0.33	16.19%
DD004A	DD004A-023	25	26	8146.4	35.8	10.6	37.7	78.6	5.1	5220	0.8	1816	691	157.8	8.7	1.1	125.7	5.9	937	302	1.91	0.13	15.29%
DD004A	DD004A-024	26	27	7792.1	44.8	12.9	47.2	98.2	6.4	5335	1	1850	673	184.7	11.1	1.4	155.3	7.4	1683	515	1.90	0.24	15.50%
DD004A	DD004A-025	27	28	5738.7	36	11.7	35.5	73.4	5.5	3619	0.9	1447	515	148.4	8.3	1.2	136.9	7	2269	516	1.38	0.32	16.59%
DD004A	DD004A-026	28	29	5564.3	35.8	12.1	34.1	70.8	5.6	3463	0.9	1389	498	142.8	8.2	1.4	138.8	7.1	2165	500	1.33	0.31	16.53%
DD004A	DD004A-027	29	30	6614.2	38.2	11.8	40.8	83	5.4	4229	0.9	1641	594	170.7	9	1.4	134.9	7	1798	472	1.59	0.26	16.40%
DD004A	DD004A-028	30	31	7999.6	45.2	14.2	42.8	97.7	6.6	5500	0.9	1789	674	175.3	10.4	1.4	165.9	7.2	1360	393	1.94	0.19	14.85%
DD004A	DD004A-029	31	32.51	8399.4	42.4	14	41.3	85.3	6.3	5541	1	1888	716	169.7	10.9	1.5	161.9	7.5	859	402	2.00	0.12	15.19%
DD004A	DD004A-030	32.51	33.95	6110.1	36.3	11.8	36.1	76.9	5.3	4268	0.8	1414	518	143.6	8.6	1.3	130.1	6.5	1211	540	1.		



Drill Collar DD004A (Cont.)

Hole_ID	Sample No	Depth_From (m)	Depth_To (m)	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	La ppm	Lu ppm	Nd ppm	Pr ppm	Sm ppm	Tb ppm	Tm ppm	Y ppm	Yb ppm	Nb ppm	Mo ppm	TREO%	Nb2O5%	NdPr%
DD004A	DD004A-051	53.35	54.5	6011	93.4	33.3	67.1	159	14.8	3780	3.3	1861	582	242.4	19.5	4.3	388.9	25.2	1870	191	1.56	0.27	18.30%
DD004A	DD004A-052	54.5	55.5	1500.1	25	7	14.1	36.5	3.6	947.8	0.4	377.8	128	47.6	4.9	0.8	90.5	3.4	667	155	0.37	0.10	15.78%
DD004A	DD004A-053	55.5	56.5	12232	49.2	15.5	51.9	110	7.3	9526	1.1	2466	996	214.6	12.4	1.8	178.3	8.6	1082	178	3.03	0.15	13.34%
DD004A	DD004A-054	56.5	57.6	6567.3	89	33.4	58.8	142	14.2	4347	5	1768	591	205.3	18.2	4.9	375.1	38.5	1496	52	1.67	0.21	16.47%
DD004A	DD004A-055	57.6	58.6	8159.5	83.8	31.6	68.1	153	13.6	5204	4.5	2285	755	253.6	17.7	4.4	351.1	34.4	620	76	2.04	0.09	17.38%
DD004A	DD004A-056	58.6	59.6	10157	49.2	14.2	59.4	120	7	7336	1.3	2340	849	237.9	12.9	1.6	156.4	9.8	124	33	2.50	0.02	14.88%
DD004A	DD004A-057	59.6	60.6	13818	44.8	11.2	67.5	137	5.6	9535	0.8	3001	1218	274.2	13.7	1.2	134.6	6.2	13	39	3.31	0.00	14.88%
DD004A	DD004A-058	60.6	62.6	10674	35.1	8.9	56.3	111	4.6	7838	0.7	2353	870	225	10.9	1	107.2	5.1	61	32	2.61	0.01	14.41%
DD004A	DD004A-059	62.6	64	8267.2	34.3	12	46.3	94.4	5.1	5716	1.1	2017	716	200	9.1	1.5	125.6	8.3	68	22	2.02	0.01	15.79%
DD004A	DD004A-060	64	64.88	9649.2	32.1	10.7	51.8	98.2	4.4	7023	1.3	2217	805	225.2	9.3	1.5	107	10.1	63	36	2.37	0.01	14.88%
DD004A	DD004A-061	64.88	65.66	10713	28.9	8.8	50.2	92.3	3.7	8089	1.2	2269	857	214.2	8.8	1.2	82.7	9.3	112	45	2.63	0.02	13.89%
DD004A	DD004A-062	65.66	66.67	12752	32.5	9.8	53.7	102	4.3	9600	1	2657	1065	239.9	10.1	1.1	95.6	7.9	129	25	3.12	0.02	13.93%
DD004A	DD004A-063	66.67	67.64	9565.8	28.6	9.8	46.7	88.6	4.2	6892	1	2175	794	204.9	8.9	1.2	103.7	7.5	91	38	0.01	14.84%	
DD004A	DD004A-064	67.64	68.63	7772.7	43.1	15	51.8	105	6.3	5255	1.4	2014	691	207.4	11	1.8	167.3	11	146	21	1.92	0.02	16.49%
DD004A	DD004A-065	68.63	69.63	3261.2	70.3	31.3	41	104	12.1	2034	4.7	990.3	312	135	13.3	5	323.6	35.7	493	30	0.87	0.07	17.56%
DD004A	DD004A-066	69.63	70.12	3128.2	67.4	30.7	39.7	99.5	11.6	1933	4.6	960	300	132.1	12.9	4.7	317.9	35.1	490	34	0.83	0.07	17.70%
DD004A	DD004A-067	70.12	71.12	5276.3	83.2	28.9	67.8	150	1.3	2917	2.3	1895	551	258.6	17.3	3.2	348.6	17.3	3023	15	1.36	0.43	20.94%
DD004A	DD004A-068	71.12	72.12	4270.4	48.7	15.9	48.4	101	7.2	2097	1.2	1507	451	186.7	11	1.9	183.9	9.5	1430	22	1.05	0.20	21.82%
DD004A	DD004A-069	72.12	72.8	2970.5	18.2	4.9	24.7	51.1	2.3	1479	0.4	919.2	300	103.9	5	0.6	59.6	2.9	107	18	0.70	0.02	20.45%
DD004A	DD004A-070	72.8	73.75	4274.9	61.9	19.8	54.1	121	9.1	2209	1.4	1513	449	201.9	14	2.2	239.2	10.7	1156	38	1.08	0.17	21.28%
DD004A	DD004A-071	73.75	74.95	3819.8	75.4	27.5	56.4	125	12	2011	2.1	1472	413	203.2	15.2	3.2	309.8	16.1	1242	5	1.00	0.18	21.91%
DD004A	DD004A-072	74.95	75.65	4137.6	75.5	25.3	57.6	133	11.8	2194	1.7	1549	442	206.4	15.6	2.7	297.5	12.9	3477	4	1.07	0.50	21.62%
DD004A	DD004A-073	75.65	76.4	3759.9	44.1	12.6	48.3	99.9	5.9	1890	0.9	1397	407	183.4	10.5	1.4	151.1	6.8	853	35	0.94	0.12	22.41%
DD004A	DD004A-074	76.4	77.1	4599.2	42.7	12.8	46.9	96.7	6.2	2439	0.9	1637	486	191.9	10.3	1.4	153.1	7.1	405	28	1.14	0.06	21.73%
DD004A	DD004A-075	77.1	78.2	2806.1	30.9	10.8	20.6	49.4	4.9	2108	1	653.2	232	75	6	1.4	131.8	7.3	717	217	0.72	0.10	14.36%
DD004A	DD004A-076	78.2	79.5	4846	48.8	17.1	39.3	87.8	7.1	3474	1.7	1249	423	144.2	10.1	2.1	196.4	13.1	1916	73	1.24	0.27	15.77%
DD004A	DD004A-077	79.5	80.46	4099.6	23.7	8.2	23	48.4	3.4	2825	0.7	1004	355	97.5	5.6	0.9	90.7	5.5	4451	110	1.01	0.64	15.77%
DD004A	DD004A-078	80.46	81.45	8731.8	33.9	10.8	34.9	75.2	4.9	7400	1	1620	647	138.6	8.8	1.3	129	7.8	3153	100	2.21	0.45	11.98%
DD004A	DD004A-079	81.45	82.5	8671.7	35	11.3	34.3	76.2	4.8	7364	1	1607	643	141.7	8.8	1.3	128.6	7.4	3145	88	2.20	0.45	11.97%
DD004A	DD004A-080	82.5	83.34	6314.7	46.6	18.9	39.2	84.4	7.8	4606	2	1500	530	157.1	9.7	2.4	210.6	15.1	1444	174	1.59	0.21	14.93%
DD004A	DD004A-081	83.34	84.2	1442.6	41.9	19.9	28.9	70.9	6.6	656.3	4.8	569.7	156	94.8	8	4	187.2	36.6	1641	7	0.39	0.23	21.66%
DD004A	DD004A-082	84.2	85.3	2031.5	47.7	28.1	32.7	74.9	8.7	1202	7.9	672	197	102.5	9.2	6	250.3	60	713	87	0.56	0.10	18.27%
DD004A	DD004A-083	85.3	86.4	1395.7	34	8.6	13.4	38.7	4.9	884.3	0.7	344.3	119	39.9	6	1	130	5.2	784	777	0.36	0.11	15.21%
DD004A	DD004A-084	86.4	87.4	1270.3	22.1	7.8	9.8	24.1	3.8	753.7	0.5	334.4	112	36.4	3.3	0.8	105	3.6	333	356	0.32	0.05	16.52%
DD004A	DD004A-085	87.4	88.4	1493.4	27.6	10.7	14.3	34.9	5.3	911.2	0.6	422	136	51.7	4.8	1.1	139	4.9	488	433	0.38	0.07	17.02%
DD004A	DD004A-086	88.4	89.4	441	23.3	10	6.6	22.9	4.3	250.5	1	149.2	45.2	21	3.9	1.2	114.9	7.6	239	29	0.13	0.03	17.45%
DD004A	DD004A-087	89.4	90.1	1489.4	26.2	10.8	14	35.9	4.7	918.9	1.2	399.8	131	48	4.9	1.4	127.8	8.8	228	26	0.38	0.03	16.38%
DD004A	DD004A-088	90.1	91.34	529.1	24.9	9.9	7.9	25.3	4.2	318.2	1.1	165.8	52.8	25.7	4.1	1.3	119.2	8.5	214	55	0.15	0.03	16.69%
DD004A	DD004A-089	91.34	92.5	112.4	13.7	5.4	3.4	12.5	2.5	72.3	0.6	36.4	11	7.9	2.3	0.7	70	4.6	53	10	0.04	0.01	13.10%
DD004A	DD004A-090	92.5	93.5	126.1	18.4	7.8	4.6	16.3	3.4	75	0.9	47.3	13.4	11.1	2.8	1.1	98.4	6.5	93	3	0.05	0.01	13.75%
DD004A	DD004A-091	93.5	94.9	863.1	9.3	3	7.6	17.4	1.2	550.2	0.3	248.4	81.3	29.6	2.1	<0.5	34.5	2.3	232	112	0.22	0.03	17.75%
DD004A	DD004A-092	94.9	95.8	1775.2	14.5	4.3	12	29.1	2	1259	0.4	449.2	152	51.5	3.4	<0.5	49.2	2.8	238	295	0.45	0.03	15.74%
DD004A	DD004A-093	95.8	96.8	346.7	15.2	7.8	4.8	14.5	2.9	197.1	1	114.1	34.9	16.7	2.3	1.2	85.6	7.4	255	19	0.10	0.04	17.31%
DD004A	DD004A-094	96.8	97.7	712.4	31.2	13.7	12	34.5	5.8	376.9	1.3	269.7	75.5	40.7	5.1	1.8	153.1	9.9	1002	16	0.21	0.14	19.62%
DD004A	DD004A-095	97.7	98.7	2439.3	35.7	13.9	22.9	55.5	6	1484	1.2	732.7	232	85.9	6.7	1.6	166.3	9	1076	173	0.62	0.15	18.14%
DD004A	DD004A-096	98.7	100.1	1477.9	136	68.1	25.9	95.4	2	1108	6.3	339.9	116	59.9	18.8	8.7	97.7	47.8	97	23	0.51	0.01	10.34%
DD004A	DD004A-097	100.1	101.15	14847	95.4	31	76.5	174	14.6	12290	2.5	3022	1231	294.8	20.9	3.6	365.1	18.9	885	618	3.81	0.13	13.04%
DD004A	DD004A-098	101.15	102.15	445.9	53.2	24.8	10.6	38.7	1.7	102.1	2.3	134.4	41	25.5	7.3	3.1							



## Drill Collar DD004A (cont.)

Hole_ID	Sample No	Depth_From (m)	Depth_To (m)	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	La ppm	Lu ppm	Nd ppm	Pr ppm	Sm ppm	Tb ppm	Tm ppm	Y ppm	Yb ppm	Nb ppm	Mo ppm	TREO%	Nb2O5%	NdPr%
DD004A	DD004A-131	135	135.8	3444.7	52.2	19	44.3	100	8.3	1905	1.7	1217	367	164	11.3	2.2	226.8	13.3	3945	13	0.89	0.56	20.81%
DD004A	DD004A-132	135.8	136.85	4963.5	63.3	21.3	60.8	132	9.3	2911	2	1727	528	227.3	14.2	2.6	255.8	15.2	2518	14	1.28	0.36	20.53%
DD004A	DD004A-133	136.85	138	6224.4	58.9	18.3	62.6	133	8.4	4083	1.7	1919	611	230.5	14.1	2.3	233.4	12.8	1157	21	1.60	0.17	18.51%
DD004A	DD004A-134	138	139.1	4030.7	78.4	26	70.3	155	11.8	2017	2.3	1707	469	248	17.6	3.1	328.2	17.8	513	3	1.08	0.07	23.58%
DD004A	DD004A-135	139.1	140.4	10503	62.2	17.9	82.7	172	8.2	7755	1.4	2717	945	319.7	17.2	1.9	217.8	11	452	9	2.67	0.06	15.98%
DD004A	DD004A-136	140.4	141.4	3686.2	36.5	10.9	36.9	80.5	5.2	2366	0.9	1111	359	140.6	8.9	1.2	134.6	6.8	1066	234	0.94	0.15	18.34%
DD004A	DD004A-137	141.4	142.5	3959.8	100.7	30.2	65	158	15.5	2119	2	1553	446	221.5	20.2	3.3	378.1	15.2	2967	51	1.07	0.42	21.87%
DD004A	DD004A-138	142.5	143.4	3281.9	50.2	14.5	42	94.8	7.2	2031	1	1099	337	145.4	11.1	1.5	186.8	7.7	1303	64	0.86	0.19	19.55%
DD004A	DD004A-139	143.4	144.4	4128.4	74.5	22.4	62.6	140	11.1	2223	1.6	1606	460	223.9	16.1	2.5	285.9	11.9	1961	17	1.09	0.28	22.19%
DD004A	DD004A-140	144.4	145.4	5648.1	30.6	8.1	33.8	70.7	3.9	4425	0.6	1266	476	129.3	8	0.9	102.3	4.3	1489	354	1.43	0.21	14.22%
DD004A	DD004A-141	145.4	146.3	4491.1	82.2	26.6	65.4	152	12.3	2461	2	1640	489	231.8	17.8	2.9	325.1	15.4	3264	17	1.17	0.47	21.16%
DD004A	DD004A-142	146.3	147.2	4964.7	65	20.5	50.5	118	9.8	3357	1.5	1431	474	179.8	14	2.3	259.9	11.3	1680	304	1.28	0.24	17.31%
DD004A	DD004A-143	147.2	148.2	5409	78.9	24.7	66.6	151	11.8	3340	2.1	1796	554	234.6	17.2	2.9	309.9	16.2	3145	4	1.41	0.45	19.48%
DD004A	DD004A-144	148.2	149.2	4513.6	94.7	28.6	73.5	169	13.7	2377	2.2	1738	507	252	20.6	3.1	356.9	16.6	3662	1	1.19	0.52	21.98%
DD004A	DD004A-145	149.2	150.7	4930.2	63.2	19.1	62.1	129	9.2	2639	1.4	1871	550	237.8	14.3	2.1	244.7	10.4	2052	6	1.26	0.29	22.36%
DD004A	DD004A-146	150.7	151.7	4770.2	61.6	18.2	58.1	123	8.8	2556	1.2	1770	528	223	13.5	2	233.6	9.4	2079	6	1.22	0.30	22.06%
DD004A	DD004A-147	151.7	152.6	3870.5	60.4	18.1	51.7	117	8.5	2083	1.3	1439	423	193.9	13.5	1.9	223.7	10.1	2456	24	1.00	0.35	21.76%
DD004A	DD004A-148	152.6	153.6	4024.8	61.6	19.5	58.4	127	9	2090	1.5	1542	454	211.3	14.1	2.2	240.2	11.7	4896	4	1.04	0.70	22.41%
DD004A	DD004A-149	153.6	154.2	4558.8	69.5	21	61.9	136	10	2503	1.6	1677	498	226.8	15.4	2.2	254.7	12.1	1315	3	1.18	0.19	21.55%
DD004A	DD004A-150	154.2	155.2	5376.9	67.7	17.1	72.4	160	8.9	3075	1.2	1845	565	257.4	17.3	1.7	219.7	8.9	633	2	1.37	0.09	20.53%
DD004A	DD004A-151	155.2	156.18	5001	86.6	24.9	74.4	167	12	2768	1.8	1791	536	256	19.4	2.7	312.6	14.1	2167	5	1.30	0.31	20.94%
DD004A	DD004A-152	156.18	157.77	3358.4	51.8	16.3	44.5	98.2	7.6	1814	1.2	1243	367	160.6	11.4	1.7	197.8	9.2	2400	4	0.87	0.34	21.71%
DD004A	DD004A-153	157.77	158.9	2185.2	20.2	7	23.4	46.4	3	1191	0.6	743	229	89.7	4.5	0.8	78.9	4.7	3136	7	0.54	0.45	20.93%
DD004A	DD004A-154	158.9	159.8	5353.8	61	18.7	60.1	133	8.8	3241	1.4	1780	554	226.2	14.6	2	228.2	10.9	2515	15	1.37	0.36	19.88%
DD004A	DD004A-155	159.8	160.4	6555.3	56.2	15.2	60.6	132	7.4	2491	1.1	1966	642	234.1	14.5	1.6	190.9	8.3	2073	42	1.66	0.30	18.33%
DD004A	DD004A-156	160.4	161.7	3831	69.8	22.2	45.2	111	10.5	2440	1.4	1235	383	167.6	14.1	2.4	269.8	10.9	917	21	1.01	0.13	18.69%
DD004A	DD004A-157	161.7	162.7	2939.9	40.2	13.6	31.6	73.8	6.1	1860	1.1	903.1	290	117.7	8.7	1.6	164.2	8.8	1314	158	0.76	0.19	18.39%
DD004A	DD004A-158	162.7	163.85	3359.7	28.7	8.4	36.5	74.8	4	2048	0.7	1071	338	135.6	7.6	1	101.3	5.4	815	6	0.85	0.12	19.44%
DD004A	DD004A-159	163.85	165.1	3176	26.6	7.7	33.6	68.3	3.6	1932	0.7	1005	318	126.9	7	0.9	93.3	5.3	998	8	0.80	0.14	19.37%
DD004A	DD004A-160	165.1	165.95	4127.5	54.7	15.9	55.4	122	7.7	2117	1.3	1533	458	210.9	13.3	1.8	196.2	9.7	6211	26	1.05	0.89	22.22%
DD004A	DD004A-161	165.95	167.2	3179.5	29.1	8.6	34	71.6	4	1786	0.7	1068	331	135.4	7.5	0.9	95.5	5.5	6580	50	0.79	0.94	20.63%
DD004A	DD004A-162	167.2	167.9	2126.6	26.1	8.2	24.1	55	3.9	1344	0.8	643	206	84	6.1	1	98.4	6.2	4877	74	0.54	0.70	18.25%
DD004A	DD004A-163	167.9	168.9	155.8	14.6	3.2	11.8	29.0	6.7	53	15.8	87.7	2.2	0.9	75.1	5.3	156	13	0.05	0.02	15.16%		
DD004A	DD004A-164	168.9	169.8	600	21.8	10.4	8.5	24.3	4.2	338.5	1.1	211.3	63.4	31.5	3.4	1.4	115.6	8.8	291	16	0.17	0.04	18.86%
DD004A	DD004A-165	169.8	170.83	70.5	8.8	4.5	1.9	7.4	1.6	38.9	0.5	28.1	7.3	6	1.2	0.6	48.6	3.9	97	6	0.03	0.01	15.13%
DD004A	DD004A-166	170.83	171.9	133.9	14.9	6.9	2.9	13.1	2.7	73.1	0.7	49.2	14.1	9.7	2.4	0.9	77.4	5.3	95	6	0.05	0.01	15.29%
DD004A	DD004A-167	171.9	173	974.3	16.3	6.4	10.7	27.2	2.7	51.6	0.6	287.4	92.8	40.2	3.3	0.9	77.5	4.9	285	44	0.25	0.04	17.87%
DD004A	DD004A-168	173	173.7	915.5	18.2	6.8	10.7	28	2.9	543.4	0.6	284.2	89.3	39.6	3.6	0.8	82.4	4.7	110	69	0.24	0.02	18.29%
DD004A	DD004A-169	173.7	174.5	312	7.2	3.7	3	8.2	1.3	182.6	0.6	97.8	30.7	12	1.3	0.6	39.4	4.6	184	9	0.08	0.03	18.11%
DD004A	DD004A-170	174.5	175.65	129	14	6.9	2.8	10.8	2.5	68.2	0.8	49.9	14.1	9.4	1.9	1	74.4	6.3	93	6	0.05	0.01	16.06%
DD004A	DD004A-171	175.65	176.7	173.6	12.1	6.4	3.2	11.9	2.4	92.2	0.8	65.7	18.9	12.4	1.8	1	69.5	6.1	148	15	0.06	0.02	17.47%
DD004A	DD004A-172	176.7	177.35	182.7	12.9	6.9	3.5	12.1	2.4	95.7	0.8	66.2	19.7	11	2	1	73.3	6.3	122	8	0.06	0.02	17.07%
DD004A	DD004A-173	177.35	178.3	286.5	7.6	4	3.4	9.9	1.5	152.6	0.6	98.9	30.2	12.7	1.3	0.7	44	4.3	77	29	0.08	0.01	19.47%
DD004A	DD004A-174	178.3	179.1	335.3	11	4.6	5.3	14.5	1.9	195.7	0.5	118.3	35.7	19.4	2	0.6	55.3	3.8	200	54	0.09	0.03	19.01%
DD004A	DD004A-175	179.1	180	298.4	15.2	10.2	4.7	15.8	3.1	167.7	1.4	104.8	31.6	21.1	2.3	1	99.1	10.5	175	26	0.09	0.03	17.20%
DD004A	DD004A-176	180	181.1	419.5	13.3	5.9	5.4	17.5	2.2	250.3	0.7	137.3	43	20	2.3	0.8	65.4	5.4	190	48	0.12	0.03	18.10%
DD004A	DD004A-177	181.1	182	110.2	7.7	4.4	2.1	7.7	1.4	60.8	0.6	39.7	11.8	7.7	1.2	0.7	46	4.9	134	13	0.04	0.02	16.56%
DD004A	DD004A-178	182	183	671.3	16.7	7.1	8.3	24.2	2.7	426.8	0.9	207.3	65.1	31.3	3.1	1	8						



Drill Collar DD004A (Cont.)

Hole_ID	Sample No	Depth_From (m)	Depth_To (m)	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	La ppm	Lu ppm	Nd ppm	Pr ppm	Sm ppm	Tb ppm	Tm ppm	Y ppm	Yb ppm	Nb ppm	Mo ppm	TREO%	Nb2O5%	NdPr%
DD004A	DD004A-211	213.75	214.75	2906.5	54.4	14.8	48.8	106	7.6	1463	0.9	1193	331	172.1	12.2	1.6	201.4	6.7	489	4	0.76	0.07	23.27%
DD004A	DD004A-212	214.75	215.9	2810.2	51.6	15.3	45.7	102	7.5	1420	1	1159	324	164.8	11.3	1.5	194	7.3	678	4	0.74	0.10	23.38%
DD004A	DD004A-213	215.9	217.1	2626.2	52.7	16	43.2	96	7.7	1312	1.1	1083	303	156.7	10.7	1.7	203.7	8.2	384	5	0.69	0.05	23.30%
DD004A	DD004A-214	217.1	217.8	2673	49.5	16.1	44.1	95.9	7.6	1333	1.1	1109	306	160.4	10.6	1.8	199.7	8.3	186	1	0.71	0.03	23.42%
DD004A	DD004A-215	217.8	218.75	2625.2	50.6	16.5	44	97.1	7.7	1307	1.1	1084	300	159.2	10.9	1.8	202.9	8.7	459	1	0.69	0.07	23.28%
DD004A	DD004A-216	218.75	219.5	2633.7	52.9	17.4	42.8	96.1	7.9	1317	1.2	1088	302	154.7	11.1	1.9	214.9	8.9	397	2	0.70	0.06	23.24%
DD004A	DD004A-217	219.5	221	2496	52	16.8	43.2	92.8	8.2	1235	1.2	1042	286	151.6	11	1.9	212.4	9.1	131	2	0.66	0.02	23.34%
DD004A	DD004A-218	221	222	2379.7	52.1	17.7	41.6	94.8	8.3	1146	1.2	1001	275	147.6	11	2	218.1	9.3	141	3	0.63	0.02	23.48%
DD004A	DD004A-219	222	223	2417	50.1	16.7	42.3	92	7.6	1174	1.1	1019	279	149.6	10.5	1.8	207	8.6	297	7	0.64	0.04	23.58%
DD004A	DD004A-220	223	224.3	2557	52.8	17.4	46	101	8	1241	1.3	1079	295	164.1	11.3	2	217.3	10	617	2	0.68	0.09	23.57%
DD004A	DD004A-221	224.3	225.3	3104.5	43.8	14	42	89.8	6.4	1579	1	1168	326	156.3	10.4	1.4	161.8	7.3	3457	2	0.79	0.49	22.17%
DD004A	DD004A-222	225.3	226.3	4084	47.6	16.5	49.2	104	6.9	2043	1.3	1482	423	185	11.6	1.7	172.1	8.8	54	4	1.01	0.01	21.98%
DD004A	DD004A-223	226.3	227.1	3843.2	64.5	20.7	54	119	9.6	1951	1.5	1390	398	190.4	14.7	2.1	232.6	10.5	440	3	0.97	0.06	21.44%
DD004A	DD004A-224	227.1	228	1995.6	30.5	11.3	23.8	54.3	5	1083	0.9	658.6	195	87.1	6.9	1.1	123.9	6.6	2621	33	0.50	0.38	19.82%
DD004A	DD004A-225	228	229	231.5	16.2	7.2	54	17.3	3	129.8	0.8	78	22.7	16.3	3	0.9	81.6	5.6	154	13	0.07	0.02	15.99%
DD004A	DD004A-226	229	230	224.7	17.1	7.1	5.1	16.9	2.7	129.4	0.8	78.2	21.6	14.8	2.8	0.8	77.1	5.3	135	14	0.07	0.02	16.32%
DD004A	DD004A-227	230	231	3301.2	47.6	14	42.9	96	5.6	1786	1	1199	337	159.7	11.6	1.4	166.2	7.3	783	9	0.84	0.11	21.31%
DD004A	DD004A-228	231	232.2	761.8	13.6	5.1	10.2	23.6	2.2	388.9	0.5	276.8	78.3	35.7	2.9	0.6	54.9	3.5	253	17	0.19	0.04	21.31%
DD004A	DD004A-229	232.2	233.4	108.6	4.6	2.7	2.1	5.5	0.9	64.7	0.3	37.4	10.5	5.9	0.8	<0.5	24.8	2.2	24	22	0.03	0.00	17.51%
DD004A	DD004A-230	233.4	234.5	108.4	5.7	3	2	6.3	1.1	61.2	0.4	38.7	10.9	6.9	0.9	<0.5	27.5	2.5	37	14	0.03	0.01	17.83%
DD004A	DD004A-231	234.5	235.6	75.6	5.3	2.9	2.1	5.8	1.1	41.7	0.4	30.4	7.8	5.7	0.9	<0.5	28.5	2.5	24	9	0.02	0.00	17.91%
DD004A	DD004A-232	235.6	236.6	2490.7	29.9	10	27.1	59.9	4.3	1382	0.8	788.1	238	100.9	7.2	1	109.7	5.9	1129	70	0.62	0.16	19.44%
DD004A	DD004A-233	236.6	237.4	799.9	7.2	2.3	8.4	17.8	1	428.4	0.2	246.5	76.3	31.3	2.1	<0.5	23.7	1.7	241	234	0.19	0.03	19.53%
DD004A	DD004A-234	237.4	238	1720.7	18.2	5.9	17	39.5	2.7	916.6	0.5	537.5	163	66	4.6	0.6	65.4	3.6	605	132	0.42	0.09	19.60%
DD004A	DD004A-235	238	239.3	1843.2	25.9	10.3	19.2	46.2	4.2	1053	0.9	593.9	175	78.1	5.7	1.1	113.3	6.1	500	41	0.47	0.07	19.25%
DD004A	DD004A-236	239.3	240.2	2919.1	21.6	6.7	31.4	61.7	3.1	1627	0.6	987.6	291	126.9	6.4	0.6	77	4.1	719	175	0.72	0.10	20.66%
DD004A	DD004A-237	240.2	241.2	289	6.6	2.9	4.7	12	1	144.7	0.4	108.1	30.7	16.6	1.4	<0.5	29.3	2.9	285	16	0.08	0.04	21.23%
DD004A	DD004A-238	241.2	242.2	304.5	7.7	4	4.8	12.3	1.3	160.7	0.5	113.5	31.7	17.6	1.6	0.5	35.7	3.6	270	13	0.08	0.04	20.62%
DD004A	DD004A-239	242.2	243.2	299.4	8	3.7	4.6	12.8	1.3	159.5	0.5	110.1	30.6	16.7	1.6	0.5	35.2	3.7	276	13	0.08	0.04	20.32%
DD004A	DD004A-240	243.2	244.2	489.2	8.2	3.5	6	15.4	1.3	292.9	0.5	158.5	47	22.3	1.9	<0.5	36.4	3.6	210	41	0.13	0.03	18.82%
DD004A	DD004A-241	244.2	245.3	260.6	11.6	6	4.7	13.4	2.1	149.6	0.7	92.1	26.2	15.8	2	0.8	64	5.2	142	218	0.08	0.02	17.89%
DD004A	DD004A-242	245.3	246.3	606.2	8.7	3	6.9	17.3	1.3	363.9	0.3	196.5	57.6	26.7	2	<0.5	35	2.4	123	210	0.16	0.02	19.05%
DD004A	DD004A-243	246.3	247.4	715.2	13.4	5.5	10.4	26.3	2.1	367.9	0.8	263.4	72.5	39.2	3.1	0.7	55	5.5	363	25	0.19	0.05	21.15%
DD004A	DD004A-244	247.4	248.2	919.7	14.9	5.7	10.8	26.6	2.3	491.9	0.9	296.2	87.7	39.6	3.3	0.9	59.6	6.3	588	34	0.23	0.08	19.43%
DD004A	DD004A-245	248.2	249.1	1018.6	15.2	6.3	12.2	28.8	2.5	567.4	1.1	320.1	95.4	44.3	3.5	0.9	65.7	7.7	448	41	0.26	0.08	18.89%
DD004A	DD004A-246	249.1	250	420.2	6.5	2.9	4.8	12.3	1	228.5	0.3	148	41.9	19.8	1.4	<0.5	28.3	2.4	170	10	0.11	0.02	20.58%
DD004A	DD004A-247	250	251	368	7.8	3.5	5.2	13.3	1.3	192.7	0.5	137	37.8	20	1.7	<0.5	37.5	3.2	166	1	0.10	0.02	20.95%
DD004A	DD004A-248	251	252	847.7	63.1	36.3	17.8	56.5	12.7	414.7	3.4	315	86.3	55.6	9.6	4.5	350.8	23.7	283	24	0.27	0.04	17.23%
DD004A	DD004A-249	252	252.98	1363.6	13.1	6.8	8.4	23.6	2.3	936.4	1	320.8	108	33.8	2.8	1	67	6.9	251	30	0.34	0.04	14.75%
DD004A	DD004A-250	252.98	253.98	491.5	10.1	5.2	6.6	16.9	1.9	275.2	0.9	162.1	47.9	22.8	2.2	0.8	54.8	6.2	258	18	0.13	0.04	18.89%
DD004A	DD004A-251	253.98	255	382.5	8.6	3.9	4.7	12.5	1.6	218.5	0.5	119.7	36.9	18	1.7	0.5	42.8	3.3	427	76	0.10	0.06	18.19%
DD004A	DD004A-252	255	256	437.7	9.8	4.5	5.3	14	1.6	239.2	0.7	145.7	42.9	19.8	1.9	0.7	47.6	5.2	263	29	0.11	0.04	19.20%
DD004A	DD004A-253	256	257	511.4	11.9	5.8	6.4	17.5	2.2	281.1	0.8	168.4	49.9	24.9	2.3	0.9	61.8	5.9	379	19	0.14	0.05	18.84%
DD004A	DD004A-254	257	258	566.2	11.7	5.8	8.1	18.6	2	269.5	0.8	215.7	59.8	29.7	2.4	0.8	59.4	5.6	295	9	0.15	0.04	21.81%
DD004A	DD004A-255	258	259	433.6	9	3.9	5.5	14.5	1.6	240	0.7	146.5	43	21.3	1.8	0.6	45.4	4.6	280	13	0.11	0.04	19.38%
DD004A	DD004A-256	259	260	312.6	8.6	4.9	4.2	12.1	1.6	169.9	0.8	110.2	31.3	16.1	1.6	0.6	45.9	5.2	211	8	0.09	0.03	19.35%
DD004A	DD004A-257	260	261	380.1	13.7	7.4	6.6	17.6	2.5	204.5	1	137.3	38.1	21.6	2.7	1.1	75.3	6.9	189	11	0.11	0.03	18.98%
DD004A	DD004A-258	261	262	581.1	10.2	5.7	5.1	15.1	2.1	317.9	0.8	197.6	56.5	24.9	2.9	0.9	57.5	5.8	289	23	0.15	0.04	19.68%
DD004A	DD004A-259	262	2																				



Drill Collar DD004A (Cont.)

Hole_ID	Sample No	Depth_From (m)	Depth_To (m)	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	La ppm	Lu ppm	Nd ppm	Pr ppm	Sm ppm	Tb ppm	Tm ppm	Y ppm	Yb ppm	Nb ppm	Mo ppm	TREO%	Nb2O5%	NdPr%
DD004A	DD004A-291	293	294	217.6	10	5.2	3.7	12.9	1.9	124.2	0.6	75.4	21.6	14.6	1.9	0.7	51.7	4.5	73	10	0.06	0.01	17.59%
DD004A	DD004A-292	294	294.9	199.9	6.2	3.4	2.5	8.3	1.2	106	0.4	70.4	20.4	11.9	1.2	<0.5	34.3	3.1	95	12	0.06	0.01	19.20%
DD004A	DD004A-293	294.9	295.8	359.5	12.3	6.3	4.6	14.6	2.3	209.1	0.7	114.8	34.4	17.5	2.2	0.8	63	4.7	252	16	0.10	0.04	17.48%
DD004A	DD004A-294	295.8	296.7	379.7	6.6	3.4	3.5	10.4	1.3	211	0.5	119.5	36.2	17.2	1.4	0.5	33.7	3.4	147	43	0.10	0.02	18.69%
DD004A	DD004A-295	296.7	297.6	315.4	3.4	1.4	2.5	7	0.6	173.5	0.1	97.1	30	12.4	0.7	<0.5	14.7	1	77	54	0.08	0.01	19.18%
DD004A	DD004A-296	297.6	298.5	713.2	6.2	2.3	4.1	12.3	0.9	410.3	0.2	200.8	65.5	22.5	1.4	<0.5	23.2	1.6	110	30	0.17	0.02	18.11%
DD004A	DD004A-297	298.5	299.5	1208.5	16.9	5.8	12.1	30.2	2.6	710.6	0.4	346.4	107	46.6	3.9	0.6	62.1	3	221	53	0.30	0.03	17.64%
DD004A	DD004A-298	299.5	300.5	413.9	23.4	10	7.7	25.3	4.1	234	0.8	137.5	39.8	24.7	4.1	1.1	103.4	5.7	100	17	0.12	0.01	16.96%
DD004A	DD004A-299	300.5	301.8	98.5	6.2	3.5	1.5	6.7	1.2	53.3	0.4	32.8	9.6	5.9	1.1	<0.5	36	3	54	7	0.03	0.01	16.13%
DD004A	DD004A-300	301.8	302.8	185.6	10.2	5.5	3.6	12	2	104.9	1	63.4	18.3	12.9	1.9	0.8	55.8	6.7	248	5	0.06	0.04	16.68%
DD004A	DD004A-301	302.8	303.9	346.4	23.6	12.6	6.7	24.1	4.5	173.7	1.4	133.2	36.2	25.7	3.9	1.6	129.7	9.8	127	7	0.11	0.02	17.93%
DD004A	DD004A-302	303.9	305.1	672.9	28.7	16.8	11.5	36	5.6	342.1	1.9	249.6	70.3	44	5.1	2.2	161.8	13	183	15	0.20	0.03	19.07%
DD004A	DD004A-303	305.1	306.1	751.7	24	10.8	10.2	30.7	4.4	428.8	1.1	246.2	71.5	35.5	4.4	1.3	113.4	7.9	213	104	0.20	0.03	18.11%
DD004A	DD004A-304	306.1	307.2	175.5	6.4	3.6	2.8	7.9	1.3	100.7	0.5	60	16.9	9.2	1.1	0.5	36.1	3.6	250	10	0.05	0.04	17.89%
DD004A	DD004A-305	307.2	308.4	188.3	6.3	3.8	3.1	8.3	1.2	108.5	0.5	64.8	18.6	10	1.2	0.5	35.9	3.7	243	29	0.05	0.03	18.19%
DD004A	DD004A-306	308.4	309.1	183.9	6.7	3.3	3	8	1.2	105.5	0.6	62.4	18.1	10.5	1.2	0.5	36.6	4.4	246	29	0.05	0.04	17.92%
DD004A	DD004A-307	309.1	310.9	2902.5	40.3	14.3	38.7	81.8	6.2	1426	1	1050	299	140.1	9.4	1.5	159.8	6.8	4123	18	0.72	0.59	21.74%
DD004A	DD004A-308	310.9	311.9	2960.8	46.1	15.2	44.6	95.7	6.8	1447	1	1136	314	159.3	11.4	1.5	173.7	6.9	889	3	0.75	0.13	22.49%
DD004A	DD004A-309	311.9	312.8	3744.5	45.9	14.1	45.4	97.8	6.8	2148	0.9	1284	368	170.7	11.5	1.2	165.4	6	929	1	0.95	0.13	20.29%
DD004A	DD004A-310	312.8	313.8	2772.5	47.9	15.4	42.4	92.1	7.3	1332	0.9	1093	295	150.2	11.6	1.4	174.2	6.1	1747	<1	0.71	0.25	22.88%
DD004A	DD004A-311	313.8	314.8	2970.3	43.2	14.1	43.3	87.1	6.7	1425	0.8	1192	322	160.7	10.2	1.3	166.3	5.8	464	1	0.76	0.07	23.39%
DD004A	DD004A-312	314.8	315.7	2975.5	45.7	15.2	41.8	86.2	7.2	1428	0.9	1169	319	157	10.3	1.4	178.8	6.5	192	3	0.76	0.03	23.01%
DD004A	DD004A-313	315.7	316.6	3028.4	45.6	15.5	42.2	88.3	7	1443	1	1179	322	155.4	10.7	1.6	177	7	100	3	0.76	0.01	22.90%
DD004A	DD004A-314	316.6	317.7	761.7	17.8	6.9	11.2	27.1	2.9	369	0.5	275.8	77.7	39.3	3.6	0.8	73.8	3.8	296	16	0.20	0.04	21.03%
DD004A	DD004A-315	317.7	318.8	367.2	6	2.6	4	10.2	1	201.9	0.4	115	35.5	15.8	1.2	<0.5	27.9	2.5	334	21	0.09	0.05	18.93%
DD004A	DD004A-316	318.8	319.6	581.3	16.6	6.4	7.4	22	2.8	325	0.4	186.4	55.4	28.5	3.3	0.6	69.7	2.9	305	29	0.15	0.04	18.36%
DD004A	DD004A-317	319.6	320.4	358.9	4.3	2	3.2	7	0.7	202.1	0.2	108.1	33.3	13	0.9	<0.5	19.3	1.4	141	12	0.09	0.02	18.66%
DD004A	DD004A-318	320.4	321.6	338.7	3.2	1.8	2.7	6.5	0.6	192.9	0.2	99.9	31.8	13.4	0.7	<0.5	16.8	1.6	99	14	0.08	0.01	18.45%
DD004A	DD004A-319	321.6	322.4	334	3.3	1.8	2.6	6.5	0.6	190.5	0.2	102.5	31	12.2	0.7	<0.5	17	1.6	96	16	0.08	0.01	18.87%
DD004A	DD004A-320	322.4	323.1	908.4	4.1	1.6	6.2	13.2	0.7	519.4	0.2	251.8	80.6	30.4	1.2	<0.5	15.7	1.2	223	29	0.21	0.03	18.06%
DD004A	DD004A-321	323.1	324.2	506	4.6	1.8	4	9.4	0.7	287.7	0.2	151.7	46.7	18.3	1.1	<0.5	18.3	1.2	235	42	0.12	0.03	18.79%
DD004A	DD004A-322	324.2	325.1	828.6	11.7	4.4	8.2	19.9	1.9	437.6	0.3	250	76.1	32.2	2.6	0.5	46.5	2.3	543	38	0.20	0.08	18.84%
DD004A	DD004A-323	325.1	325.8	2116.5	44.4	10.4	20.1	46.9	3.9	1206	1.1	667.1	201	100.5	7.7	1.3	164.1	6.3	218	6	0.47	0.03	24.05%
DD004A	DD004A-324	325.8	326.8	395.8	21.9	11.5	9.2	27.4	4	237.3	1.4	138.9	38.2	30.2	3.9	1.5	117.6	9.9	97	15	0.12	0.01	16.71%
DD004A	DD004A-325	326.8	327.7	1400.7	24.6	10.1	16.9	40.4	4	778.3	1.1	428.5	130	60.9	5.3	1.2	107.7	7.8	3143	74	0.35	0.45	18.40%
DD004A	DD004A-326	327.7	328.4	482.4	17.8	8.2	9.6	24.9	3.1	248.3	0.9	190.3	50.7	32.8	3.5	1	81.9	6	158	12	0.14	0.02	20.60%
DD004A	DD004A-327	328.4	329.4	1820	36.7	13.4	30.8	65.1	5.8	790.1	0.9	770.3	201	113.2	7.8	1.3	155.3	6.3	218	12	0.47	0.03	24.05%
DD004A	DD004A-328	329.4	330.3	1831.3	38.3	14.6	26.2	55.9	6.5	810.8	0.9	766.1	201	100.5	7.7	1.3	164.1	6.3	218	6	0.47	0.03	23.85%
DD004A	DD004A-329	330.3	331.5	3623.3	37.4	14.2	27	60.7	6	2460	1	975.9	318	102	8.1	1.4	157.2	6.7	1283	6	0.91	0.18	16.52%
DD004A	DD004A-330	331.5	332.6	3160.5	56.9	18.6	53.6	115	8.5	1541	1.3	1269	340	190.9	13.5	1.8	217.3	8.9	3991	4	0.82	0.57	22.89%
DD004A	DD004A-331	332.6	333.7	3095.3	49.5	16.5	41.5	90.2	7.5	1495	1.1	1180	335	151.6	11	1.5	185.3	7.4	468	3	0.78	0.07	22.62%
DD004A	DD004A-332	333.7	334.4	1852.9	59.9	19.5	50.6	109	8.7	1571	1.1	1248	348	176.5	13.8	1.9	212.6	7.9	843	2	0.82	0.12	22.65%
DD004A	DD004A-333	334.4	335.3	2919.4	74.6	19.8	55.3	130	10.1	1412	1.2	1171	324	180.2	17.1	1.9	232.4	8.3	1963	1	0.77	0.28	22.69%
DD004A	DD004A-334	335.3	336.3	2365.7	81.5	23.4	52.8	126	11.6	1099	1.3	1009	272	170.6	17.3	2.2	258	9.3	5003	4	0.65	0.72	23.17%
DD004A	DD004A-335	336.3	336.3	2971.5	72.9	29.3	45.5	104	12.4	1399	1.9	1215	333	165.9	14.1	2.9	300.3	13.4	1284	2	0.78	0.18	23.04%
DD004A	DD004A-336	337.1	337.1	2828.5	58.6	20.4	45.8	103	9.1	1356	1.3	1162	320	159.9	12.8	2	212.2	8.8	1108	1	0.74	0.16	23.41%
DD004A	DD004A-337	338.2	339	2778.6	42.2	13.9	40.7	84.9	6.1	1336	0.9	1128	310	150.3	10.1	1.4	150.4	6	970	1	0.71	0.14	23.63%
DD004A	DD004A-338	339	340	3072.5	49.6	17.4	43.4	90.9	7.7	1472	1.3	1223	337	160.3	11.3	1.9	194.6	9					



Drill Collar DD004A (Cont.)

Hole_ID	Sample No	Depth_From (m)	Depth_To (m)	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	La ppm	Lu ppm	Nd ppm	Pr ppm	Sm ppm	Tb ppm	Tm ppm	Y ppm	Yb ppm	Nb ppm	Mo ppm	TREO%	Nb2O5%	NdPr%
DD004A	DD004A-371	372.6	373.6	3318.7	54.4	17.3	56.6	123	7.6	1588	1.4	1270	360	186.8	14.2	1.7	185	9.5	1143	20	0.84	0.16	22.57%
DD004A	DD004A-372	373.6	374.6	2924.1	37.4	12.8	50.6	96.6	5.6	1448	1	1166	322	178.5	9.7	1.4	135.2	7.3	1931	1	0.75	0.28	23.17%
DD004A	DD004A-373	374.6	375.5	2543.9	34.6	13.2	34.8	68.7	5.6	1221	1.2	1029	283	134.3	7.8	1.4	143.4	8.1	2068	4	0.65	0.30	23.64%
DD004A	DD004A-374	375.5	376.5	3388.6	51.1	19.7	42.8	86.7	8.3	1617	1.6	1375	379	166.1	10.8	2.1	213.3	11.1	276	2	0.86	0.04	23.67%
DD004A	DD004A-375	376.5	377.1	3253.6	51.6	20.8	39.9	84.8	8.9	1571	1.5	1287	359	158.9	10.9	2.2	222.8	10.4	615	2	0.83	0.09	23.13%
DD004A	DD004A-376	377.1	377.8	2999.3	59.3	22.2	38.5	87.1	9.9	1401	1.4	1233	336	148.9	12.3	2.1	244.6	10.1	479	3	0.77	0.07	23.63%
DD004A	DD004A-377	377.8	378.4	3201.2	46	15.9	38.7	78	7.2	1496	1.1	1286	360	156	10.4	1.6	178.5	7.8	413	<1	0.81	0.06	23.81%
DD004A	DD004A-378	378.4	379	3583.9	56	20.3	46.1	93.6	9.2	1673	1.4	1450	397	183	12.1	2.1	223.7	9.9	562	2	0.91	0.08	23.69%
DD004A	DD004A-379	379	379.8	3308.1	73.1	27.7	42.6	98.1	12.3	1535	2	1358	372	161.5	14	2.8	306.3	14.3	1700	1	0.86	0.24	23.49%
DD004A	DD004A-380	379.8	380.8	3225.5	55.5	21.8	37.1	80.7	9.5	1510	1.7	1342	366	159.9	11.4	2.3	235.6	11.6	1110	<1	0.83	0.16	24.04%
DD004A	DD004A-381	380.8	381.8	3216.7	54.2	20.7	39.8	82.6	9	1496	1.5	1326	361	161.6	11.2	2.2	226.1	10.8	2251	1	0.82	0.32	23.92%
DD004A	DD004A-382	381.8	382.8	2695.9	49.8	18.8	35.1	76.7	8.3	1295	1.4	1143	307	146.6	10	2	208	9.8	1635	<1	0.70	0.23	24.02%
DD004A	DD004A-383	382.8	383.8	2814.8	46.3	17.7	39.6	78.7	7.6	1321	1.2	1159	315	155.1	9.8	1.8	191.8	8.4	743	1	0.72	0.11	23.79%
DD004A	DD004A-384	383.8	384.5	2655.5	48.6	18.3	38	78.7	8.1	1265	1.3	1063	289	146	10.6	1.9	201.7	9.4	563	6	0.68	0.08	23.07%
DD004A	DD004A-385	384.5	385.5	2457.3	52.5	20.8	38	81.8	8.7	1161	1.5	1023	277	140.3	10.8	2.1	216.7	10.6	728	98	0.65	0.10	23.51%
DD004A	DD004A-386	385.5	386.5	2480.3	51.4	20	38.1	80.3	8.5	1169	1.5	1028	278	140.6	10.6	2	219.1	10.6	805	81	0.65	0.12	23.45%
DD004A	DD004A-387	386.5	387.5	1978.7	74.5	29.8	38.6	94.3	12.7	767.8	2.3	818.1	210	123.9	14.2	3.2	316.3	16.1	430	3	0.51	0.06	23.63%
DD004A	DD004A-388	387.5	388.5	1456.8	51.1	20.9	28.2	67.7	8.6	639	1.6	652.1	167	97.4	9.9	2.3	219.3	11.3	214	1	0.40	0.03	23.70%
DD004A	DD004A-389	388.5	389.5	1734.2	62.8	26.6	35.3	84.3	10.8	747.3	2.3	769	198	116.9	11.9	3	269.2	16	392	2	0.48	0.06	23.49%
DD004A	DD004A-390	389.5	390.7	2386.5	62.5	24.8	42.9	98.2	10.4	1104	2.1	1014	268	147.9	13.3	2.8	259.5	14.8	814	<1	0.64	0.12	23.39%
DD004A	DD004A-391	390.7	391.3	2305.7	69.1	27.4	44.8	105	11.1	1047	2.3	1002	263	151.6	14	3	382.2	15.9	396	22	0.63	0.06	23.52%
DD004A	DD004A-392	391.3	392.1	2774.2	82.8	32.2	55.1	127	13.4	1259	2.8	1215	319	186.2	17	3.4	335.4	19.6	202	<1	0.76	0.03	23.67%
DD004A	DD004A-393	392.1	392.8	2777.7	91.1	34.8	55.1	132	14.9	1261	2.8	1197	318	180.2	18.4	3.8	370.4	19.5	1166	2	0.76	0.17	23.24%
DD004A	DD004A-394	392.8	393.7	2635.9	58.9	23.1	49	99.7	9.5	1210	1.9	1113	301	156.5	12.7	2.4	241.7	13.3	477	2	0.70	0.07	23.74%
DD004A	DD004A-395	393.7	394.3	2704.1	70.1	27.4	48.1	110	11.6	1245	2.2	1130	304	164.2	15.2	3	390	15.3	324	3	0.72	0.05	23.22%
DD004A	DD004A-396	394.3	395.4	3012.5	56.7	22.3	45.8	97.6	8.9	1387	1.8	1220	337	163	12.3	2.3	228.9	12.9	885	1	0.78	0.13	23.44%
DD004A	DD004A-397	395.4	396.5	3237.5	57.1	22.1	48.6	104	9.4	1537	1.7	1289	357	173.7	12.8	2.4	232	12	1724	1	0.83	0.25	23.09%
DD004A	DD004A-398	396.5	397.5	2477.7	92.8	41.1	47.3	117	16.5	1156	3.4	1027	277	153.8	17.7	4.7	409.5	23.7	2010	4	0.69	0.29	22.06%
DD004A	DD004A-399	397.5	398.5	2398.4	90.9	41.1	45.6	115	16.2	1113	3.3	1005	270	151.2	17	4.7	404.8	23.2	1794	5	0.67	0.26	22.20%
DD004A	DD004A-400	398.5	399.2	2038.1	47.5	21.1	36.6	80	8.3	931.4	1.6	862.1	228	127.7	9.9	2.4	210.6	11.4	552	37	0.54	0.08	23.48%
DD004A	DD004A-401	399.2	399.8	2041.8	65.3	29.5	39.2	94.1	11.6	937.7	2.5	847.9	228	132.5	12.9	3.3	302.9	17.6	110	68	0.56	0.02	22.42%
DD004A	DD004A-402	399.8	400.6	1943	60.6	27.2	36.5	86.8	10.9	861	2.5	814.8	217	122.3	11.8	3.2	276.6	17.2	739	15	0.53	0.11	22.82%
DD004A	DD004A-403	400.6	401.5	953.8	21.4	8.9	14.2	32.1	3.6	405.3	0.8	377.8	104	51.8	4.3	1	95	5.8	1443	62	0.24	0.21	23.03%
DD004A	DD004A-404	401.5	402.4	1994.2	50.3	22.9	33.6	74.6	9	924.8	2.2	828.3	222	118	10	2.7	238	15.2	44	44	0.53	0.01	22.96%
DD004A	DD004A-405	402.4	403.3	1852.3	48.1	22	32.8	72.4	8.6	853.5	2.3	784.8	205	117.8	9.4	2.8	225.3	16	43	2	0.50	0.01	23.13%
DD004A	DD004A-406	403.3	404.4	1465.6	50.6	27.1	28	66.9	10	655.3	2.9	615.1	96.1	91.5	9.2	3.5	259.4	20.1	198	3	0.41	0.03	22.23%
DD004A	DD004A-407	404.4	405	2000.9	137.4	92.2	38.7	105	31.5	927.6	8.6	832.2	223	128.9	18.7	11.4	855.1	60.5	478	2	0.65	0.07	18.99%
DD004A	DD004A-408	405	405.9	1878.7	137.3	66.3	39.6	114	26.2	848.9	5.4	793.3	209	122.4	20.6	7.5	699.9	38.1	499	4	0.59	0.07	19.77%
DD004A	DD004A-409	405.9	406.8	1606.8	64.6	28.3	32.6	83	11.5	715.2	2.5	682.2	178	104.7	12.2	3.3	302.4	17.2	251	2	0.45	0.04	22.20%
DD004A	DD004A-410	406.8	407.8	1759.6	55.7	23.1	31.6	76.1	9.3	787.8	2.1	747.1	197	111.6	10.5	2.5	244.5	15	31	3	0.48	0.00	23.03%
DD004A	DD004A-411	407.8	408.8	1636.2	49.7	20.6	31.1	72.7	8.3	731.7	2	698.1	183	104.4	9.8	2.5	223.4	14.2	308	2	0.44	0.04	23.11%
DD004A	DD004A-412	408.8	409.8	1177.5	47.7	17.7	21.9	54.4	7.5	531	1.7	485.3	129	74.8	8	2.1	205.9	12.9	145	3	0.33	0.07	21.98%
DD004A	DD004A-413	409.8	410.8	1479.7	58.1	24.4	27.8	71.6	9.9	665.5	2.3	619.8	163	94.5	10.8	2.9	272.7	16.3	168	3	0.41	0.02	22.07%
DD004A	DD004A-414	410.8	411.7	1352.5	42.6	17.7	26.4	61.9	7.3	602.6	1.3	575.2	150	87.3	8.7	1.9	190	9.4	488	3	0.37	0.07	22.98%
DD004A	DD004A-415	411.7	412.4	1650.5	44.4	16.3	31.1	71.4	7.3	741.7	1	720.2	188	104.9	9.6	1.5	182.4	7	130	3	0.44	0.02	23.91%
DD004A	DD004A-416	412.4	412.9	1513.8	44.7	16.9	30.7	70.2	7.3	677.6	1	653.1	170	98.6	9.4	1.7	186.2	7	283	3	0.41	0.04	23.45%
DD004A	DD004A-417	412.9	413.7	1525	51.8	18.9	31.1	75.2	8.5	682.3	1.1	671.5	174	104.9	10.4	2	218.1	7.9	356	3	0.42	0.05	23.45%
DD004A	DD004A-																						



Drill Collar DD004A (Cont.)

Hole_ID	Sample No	Depth_From (m)	Depth_To (m)	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	La ppm	Lu ppm	Nd ppm	Pr ppm	Sm ppm	Tb ppm	Tm ppm	Y ppm	Yb ppm	Nb ppm	Mo ppm	TREO%	Nb2O5%	NdPr%
DD004A	DD004A-451	444.5	445.5	3319.6	63.1	17.2	53.7	130	9.3	1624	1	1381	377	201.2	13.9	1.7	231.6	7.3	876	<1	0.87	0.13	23.56%
DD004A	DD004A-452	445.5	446.5	3328.5	63.8	19.3	54.5	126	9.3	1650	1	1396	381	199.7	13.9	1.8	238.9	7.8	3199	1	0.88	0.46	23.62%
DD004A	DD004A-453	446.5	447.3	3355.1	71.3	21.8	54.9	134	10.9	1622	1.1	1406	382	204.1	15	2.2	280.2	8.6	3208	2	0.89	0.46	23.51%
DD004A	DD004A-454	447.3	448.2	3542.3	63.5	18.8	55.5	127	9.4	1763	1	1461	407	203.2	13.8	1.9	242.4	7.5	1579	2	0.93	0.23	23.49%
DD004A	DD004A-455	448.2	449.1	5025.8	64	17.9	61.7	141	9.3	3161	0.9	1670	499	226.1	15.4	1.7	228.8	6.7	2772	2	1.30	0.40	19.41%
DD004A	DD004A-456	449.1	450	4042.7	61.8	18.7	55.8	130	9.4	2236	1	1500	434	211.1	14.2	1.8	236.5	7.5	3008	2	1.05	0.43	21.49%
DD004A	DD004A-457	450	451	3238.4	64.4	19.8	52.6	125	9.8	1576	1.1	1354	370	192	14	2	254.7	8.4	2403	3	0.85	0.34	23.56%
DD004A	DD004A-458	451	452	3052.7	83	26.8	56.5	139	13.1	1490	1.4	1281	347	192.3	16.8	2.6	342.5	10.3	2316	2	0.83	0.33	22.94%
DD004A	DD004A-459	452	453	3214.2	65.6	19.4	49.3	117	10.1	1618	1.1	1301	359	180.6	13.9	1.9	254.7	8.3	3019	3	0.85	0.43	22.90%
DD004A	DD004A-460	453	454	3208.8	51.8	14.7	48.9	111	7.8	1598	0.8	1316	360	184.6	12	1.5	197.4	6.1	1531	3	0.83	0.22	23.44%
DD004A	DD004A-461	454	455	3368.5	46.6	13.8	48.5	111	6.9	1654	0.8	1381	381	189.6	11.5	1.3	171.3	5.8	1202	2	0.87	0.17	23.74%
DD004A	DD004A-462	455	455.9	3147.6	88.4	26.6	61.7	159	14	1544	1.6	1327	360	208.3	18.7	2.8	351.1	12.1	2386	2	0.86	0.34	22.91%
DD004A	DD004A-463	455.9	457	3048.2	72.2	21.5	55.7	137	10.8	1484	1.3	1310	348	199.9	15.7	2.2	281.2	9.9	453	2	0.82	0.06	23.58%
DD004A	DD004A-464	457	457.9	2927.1	50.3	13.1	48.5	114	6.9	1397	0.8	1248	338	184.3	11.8	1.4	173.9	6.4	457	1	0.76	0.07	24.22%
DD004A	DD004A-465	457.9	458.8	3092.8	54.9	14.9	52.3	119	7.4	1451	0.9	1341	357	196.3	12.8	1.5	192	6.9	598	2	0.81	0.09	24.50%
DD004A	DD004A-466	458.8	459.6	2995.9	53.9	14	49.7	119	7.3	1410	0.9	1306	347	186.5	12.5	1.4	187.5	6.7	603	1	0.79	0.09	24.57%
DD004A	DD004A-467	459.6	460.5	2993.7	45.7	12.9	49.7	108	6.6	1423	0.8	1291	348	182.1	11.2	1.3	168.2	6.4	396	1	0.78	0.06	24.55%
DD004A	DD004A-468	460.5	461.2	3487.3	58	16.3	54.9	128	8.5	1682	1	1474	402	213.5	13.9	1.7	215.6	7.8	261	1	0.91	0.04	24.06%
DD004A	DD004A-469	461.2	461.9	3179.2	62.1	18.2	51	123	8.9	1554	1.1	1310	358	190.4	13.7	1.9	239.7	8.5	1157	3	0.83	0.17	23.31%
DD004A	DD004A-470	461.9	462.85	2980.1	52	16.5	44.4	105	8.1	1489	1	1198	331	167.5	11.6	1.7	210.8	7.8	4951	2	0.78	0.71	22.98%
DD004A	DD004A-471	462.85	463.8	3984.2	62.9	18.8	59.3	134	9.2	1903	1.3	1630	456	221.7	14.6	1.9	242.4	9.6	842	1	1.03	0.12	23.74%
DD004A	DD004A-472	463.8	464.8	4500	20.9	62.6	145	10	2196	1.3	1764	505	234.9	15.6	2.2	261.1	9.8	770	2	1.15	0.11	23.06%	
DD004A	DD004A-473	464.8	465.8	2426.4	47.8	14.7	42	100	7.2	1158	0.9	1047	279	156.4	10.3	1.6	189.1	7.2	1661	2	0.64	0.24	24.04%
DD004A	DD004A-474	465.8	466.8	2634	47.6	14.1	43.8	103	7	1281	0.9	1084	294	157.8	11.1	1.4	180.6	6.6	1096	2	0.69	0.16	23.38%
DD004A	DD004A-475	466.8	467.8	2582.4	51.7	15.9	40.1	77	1350	1.1	1009	281	148.9	11.2	1.7	205.3	8.1	582	3	0.68	0.08	22.09%	
DD004A	DD004A-476	467.8	468.7	2274	45.4	14.3	37.7	90.3	6.9	1182	1	940.6	253	138	9.6	1.5	183.6	7.3	373	3	0.61	0.05	22.91%
DD004A	DD004A-477	468.7	469.5	1993.5	51.4	16.7	39.7	91.7	8.1	1854.7	1.1	905.3	236	136.2	10.7	1.8	218.2	8.4	438	4	0.54	0.06	24.83%
DD004A	DD004A-478	469.5	470.6	2082.5	45.5	14.4	35.7	88.6	7.2	1914.3	0.9	897.1	239	133.1	9.6	1.5	183.9	7.1	599	2	0.55	0.09	24.26%
DD004A	DD004A-479	470.6	471.5	2600	49.4	18.3	41	97.2	8.3	1180	1.4	1124	300	162.2	10.8	2	220	10.4	241	5	0.68	0.03	24.33%
DD004A	DD004A-480	471.5	472.7	2534	46.7	14.1	41.6	96	6.9	1219	0.9	1074	287	157.2	10.2	1.4	172.5	6.9	564	4	0.66	0.08	23.90%
DD004A	DD004A-481	472.7	473.9	3291.4	43.2	12.3	48.7	109	6.1	1697	0.7	1306	368	185.9	10.8	1.2	152.9	5.7	285	8	0.85	0.04	23.03%
DD004A	DD004A-482	473.9	474.5	2307.9	36.7	11.2	39.7	89.4	5.5	1026	0.7	1013	269	148.5	9.1	1	139.1	5.5	501	2	0.60	0.07	25.02%
DD004A	DD004A-483	474.5	475.1	2412.5	35.3	10.8	37.4	82.3	5.2	1091	0.7	1033	279	144.4	8.3	1.1	134.6	5.4	677	2	0.62	0.10	24.73%
DD004A	DD004A-484	475.1	475.9	2090.4	76	27.9	42.2	114	1.3	1099.9	1.9	914.9	241	146.9	14	3.1	340.3	14.2	2893	2	0.58	0.41	23.19%
DD004A	DD004A-485	475.9	477	2254.9	57.1	19.6	40.9	100	9.5	1008	1.2	970.5	262	143.5	11.6	1.9	245.2	9.1	1575	2	0.60	0.23	23.86%
DD004A	DD004A-486	477	477.8	1768.4	61.8	26.6	33.6	87.8	11.3	768.9	1.8	754.7	202	114.4	11.3	2.9	311.7	13.9	3368	2	0.49	0.48	22.77%
DD004A	DD004A-487	477.8	478.8	2277.6	85.8	40.1	42	109	16.2	999.5	2.8	981.5	263	148.3	14.2	4.6	496.5	21.3	3493	<1	0.64	0.50	22.58%
DD004A	DD004A-488	478.8	479.7	2265.5	68.3	34.7	40.1	96.1	13.6	978.7	2.6	984.6	261	143.1	11.9	4.1	376.7	19.5	1521	2	0.62	0.22	23.33%
DD004A	DD004A-489	479.7	480.4	2399.2	32.9	13.5	37.7	78.8	5.7	1091	1.1	1040	275	149.7	7.6	1.7	152.8	8.1	1233	1	0.62	0.18	24.73%
DD004A	DD004A-490	480.4	481.2	2680	72.8	38.4	46.8	109	15.1	1224	3	1165	311	171.8	13	4.9	411.7	22.5	2386	4	0.74	0.34	23.30%
DD004A	DD004A-491	481.2	482.4	1918.6	121.1	76.9	37.9	110	27.6	837.8	5.6	839.2	225	131.1	16.2	9.5	772.5	42.4	3544	3	0.61	0.51	20.30%
DD004A	DD004A-492	482.4	483.5	1911.4	217.5	11.1	49.8	167	46.2	820.2	6.4	844.8	223	150.8	28.4	11.9	1179	48.8	4308	8	0.69	0.62	18.04%
DD004A	DD004A-493	483.5	484.2	2607	47.7	15.6	42	97.1	7.4	1219	1.2	1112	300	156.3	10.6	1.8	193.8	9.2	595	1	0.68	0.09	24.15%
DD004A	DD004A-494	484.2	485.2	2171.4	35.1	11.5	35.7	80.8	5.6	962.9	0.9	934.1	252	134.8	8.5	1.2	139	6.7	411	1	0.56	0.06	24.70%
DD004A	DD004A-495	485.2	486.1	2467.9	38.9	11.6	41.3	94.5	5.7	1154	0.8	1069	285	158.3	9.7	1.2	151.6	6.4	342	2	0.64	0.05	24.54%
DD004A	DD004A-496	486.1	487.2	2457.4	35.9	13.0	40.2	90.1	5.1	1091	0.7	1083	287	153.2	8.8	1.2	134.1	5.5	468	2	0.63	0.07	25.25%
DD004A	DD004A-497	487.2	488.1	2336.7	40.4	12.1	41.1	95.3	6.1	1031	1	1055	276	155.7	9.6	1.4	159.5	7.3	327	1	0.61	0.05	25.35%
DD004A	DD004A-498	488.1	489.4	2102.3	41.7	12.9	39.8	90.3</															

## Drill Collar DD004A (Cont.)

Hole_ID	Sample No	Depth_From (m)	Depth_To (m)	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	La ppm	Lu ppm	Nd ppm	Pr ppm	Sm ppm	Tb ppm	Tm ppm	Y ppm	Yb ppm	Nb ppm	Mo ppm	TREO%	Nb205%	NdPr%
DD004A	DD004A-531	519.25	520.25	2819.1	51.5	15.7	47.6	108	7.8	1347	1	1212	326	176.7	11.9	1.7	199	7.9	154	4	0.74	0.02	24.17%
DD004A	DD004A-532	520.25	521.25	2772.4	49.2	14.8	45.7	103	7.4	1331	0.9	1195	320	173.3	10.8	1.5	188.6	7.1	140	12	0.73	0.02	24.26%
DD004A	DD004A-533	521.25	522.2	2978.8	70.2	21.7	55.8	133	10.7	1468	1.4	1283	342	199.7	14.6	2.3	274.6	10.6	465	7	0.81	0.07	23.55%
DD004A	DD004A-534	522.2	523.2	2721.7	57.3	18.2	49.7	115	9	1305	1.2	1163	314	177.6	12.7	2	230	9	273	11	0.73	0.04	23.76%
DD004A	DD004A-535	523.2	524.25	2902.6	71.6	21.8	54.4	129	11	1403	1.4	1269	338	195.5	14.8	2.4	278.4	10.3	293	13	0.79	0.04	23.84%
DD004A	DD004A-536	524.25	525.25	2773.8	77.1	23.4	53.5	134	11.9	1325	1.5	1200	318	191.1	15.7	2.4	301.8	11.3	102	2	0.76	0.01	23.44%
DD004A	DD004A-537	525.25	526.1	3135.9	110.5	35.1	68.5	176	17.9	1485	2.1	1413	368	231.6	21.6	3.6	454.6	15.8	807	6	0.89	0.12	23.48%
DD004A	DD004A-538	526.1	527.27	2286	70.3	22.5	44.5	112	10.9	1047	1.3	991.7	265	153	13.7	2.2	284	9.7	82	7	0.62	0.01	23.50%
DD004A	DD004A-539	527.27	528.3	2484	78.2	26.6	49.9	126	12.5	1157	1.6	1093	290	172.5	15.5	2.7	330.6	12.1	163	12	0.69	0.02	23.48%
DD004A	DD004A-540	528.3	529.15	2339.3	75.3	25.4	48.9	121	12.5	1075	1.6	1041	275	161.8	14.6	2.7	320.4	12.4	274	114	0.65	0.04	23.65%
DD004A	DD004A-541	529.15	530	2506.9	72.6	23.9	50.8	124	11.8	1169	1.6	1113	289	174	14.4	2.5	307.3	12.2	190	21	0.69	0.03	23.73%
DD004A	DD004A-542	530	530.8	2659.2	75.1	22.2	50.2	125	11.4	1266	1.3	1138	303	177.7	14.7	2.3	284.6	9.8	609	3	0.72	0.09	23.33%
DD004A	DD004A-543	530.8	531.7	2516.3	64.8	20.7	45.6	110	10.4	1188	1.3	1099	293	160.2	13.2	2.2	265	10	94	31	0.68	0.01	23.87%
DD004A	DD004A-544	531.7	532.75	2569.7	85	27.9	48.9	131	13.7	1185	1.8	1139	299	173.1	16.2	2.9	356.8	13.4	109	6	0.71	0.02	23.56%
DD004A	DD004A-545	532.75	533.6	2404.6	90.5	31.8	42.9	116	15.3	1095	2	1043	278	149.6	15.9	3.4	401.4	14.9	77	8	0.67	0.01	22.99%
DD004A	DD004A-546	533.6	534.7	2459.9	94.5	33.4	45.1	122	16.1	1120	2	1072	288	155.3	16.7	3.6	424.5	15.2	78	7	0.69	0.01	23.01%
DD004A	DD004A-547	534.7	535.8	2461.5	29.6	7.5	38.9	83	4	1091	0.5	1086	288	151	8.2	0.8	94.4	3.7	93	14	0.63	0.01	25.60%
DD004A	DD004A-548	535.8	536.8	2437.6	31.5	7.6	41.3	87.1	4.2	1076	0.5	1102	287	156.3	8.5	0.8	98.4	3.7	59	6	0.63	0.01	25.91%
DD004A	DD004A-549	536.8	537.9	2285.9	29.6	6.1	39.6	84.2	3.7	999.3	0.4	1031	270	148.7	8	0.6	84.9	3.2	41	2	0.59	0.01	25.97%
DD004A	DD004A-550	537.9	538.92	2559.2	31.4	6.9	40.2	85.4	3.8	1228	0.4	1112	295	156.2	8.5	0.6	91.1	3.2	69	5	0.66	0.01	24.95%
DD004A	DD004A-551	538.92	539.8	2260.1	26.9	6.2	36.5	78.1	3.5	1003	0.4	992	263	141.2	7.6	0.6	81.7	3.3	26	1	0.57	0.00	25.50%
DD004A	DD004A-552	539.8	540.8	2331	26.9	6.2	39.3	83.5	3.3	1032	0.4	1036	272	153.6	7.9	0.6	78.7	3	21	2	0.59	0.00	25.70%
DD004A	DD004A-553	540.8	541.8	2328.7	55.3	16.8	45.1	106	8.4	1016	1	1035	271	156.8	11.6	1.6	205.6	7.3	67	0	0.62	0.01	24.68%
DD004A	DD004A-554	541.8	542.8	2193.8	65.3	23	41.7	103	10.6	964.8	1.3	955	252	150.3	12.5	2.3	282.4	9.8	107	2	0.60	0.02	23.67%
DD004A	DD004A-555	542.8	543.5	2187.6	71.4	25.5	44.8	115	11.6	969.5	1.5	961.5	252	156	13.4	2.7	313.9	11.6	92	0	0.60	0.01	23.47%
DD004A	DD004A-556	543.5	544.4	2304.1	66.8	22.9	44.6	115	10.8	1084	1.4	975.4	258	156.1	13.7	2.3	286.8	10.5	594	0	0.63	0.09	22.91%
DD004A	DD004A-557	544.4	545.3	2137.7	53.6	16.9	38.2	95.7	8.3	952.9	1	917.1	246	137.9	11.2	1.7	216	7.7	1243	0	0.57	0.18	23.90%
DD004A	DD004A-558	545.3	546.4	2323	63.4	20.3	43.7	111	9.8	1025	1.3	1008	267	158.3	12.8	2.2	262.1	9.7	215	4	0.62	0.03	23.84%
DD004A	DD004A-559	546.4	547.5	2253.2	62.5	20.3	43.8	110	9.9	1037	1.3	989.8	261	154.6	12.8	2.1	258.2	10	206	2	0.61	0.03	23.79%

## Drill Collar DD004B

Hole_ID	Sample No	Depth_From (m)	Depth_To (m)	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	La ppm	Lu ppm	Nd ppm	Pr ppm	Sm ppm	Tb ppm	Tm ppm	Y ppm	Yb ppm	Nb ppm	Mo ppm	TREO%	Nb205%	NdPr%
DD004B	DD004B-001	0	2	1484	43.4	20.1	54	7.8	1021.5	1.6	474	146	63.9	7.5	2.5	229	12.7	831	92	0.42	0.12	17.14%	
DD004B	DD004B-002	2	3	1598	63.2	34.8	24.9	65.5	12.4	1049	2.9	534	163	80.4	9.4	4.2	365	22.4	609	72	0.47	0.09	17.14%
DD004B	DD004B-003	3	4	4498	37.2	12	35.3	82	5.5	2838.2	0.8	1248	428	143	8.7	1.3	143	6.1	2598	536	1.11	0.37	17.60%
DD004B	DD004B-004	4	5	10769	49.4	13.7	59.2	130	6.3	8034.6	0.8	2478	919	240	13.3	1.2	163	5.8	658	194	2.68	0.09	14.79%
DD004B	DD004B-005	5	6	10322	37.2	11	55.8	119	4.9	7859.2	0.7	2831	873	230	11.1	1.1	122	5.4	668	46	2.58	0.10	14.72%
DD004B	DD004B-006	6	6.56	9577	39.9	10.2	54.7	115	4.8	7124.1	0.5	2166	814	217	11.4	0.9	122	4.1	1320	180	2.37	0.19	14.66%
DD004B	DD004B-007	6.56	7.6	11374	51.3	14.3	63.6	136	6.5	8838	0.7	2473	939	251	13.6	1.2	171	5.6	1278	120	2.85	0.18	13.97%
DD004B	DD004B-008	7.6	8.1	7447	56.8	15.6	55.8	127	7.5	5318	0.9	1868	660	212	13.6	1.6	192	6.8	1483	237	1.87	0.21	15.76%
DD004B	DD004B-009	8.1	8.8	6410	50.7	14	49.9	112	6.9	4360	0.7	1896	583	193	12.2	1.3	165	5.7	1786	536	1.60	0.26	16.63%
DD004B	DD004B-010	8.8	9.35	5906	58.3	18.9	52.9	116	8.7	3886.1	1.1	1692	557	203	12.5	1.9	192	8.3	2280	379	1.49	0.33	17.62%
DD004B	DD004B-011	9.35	10.06	5156	55	17	55.6	122	8	3160.1	1.1	1630	509	213	12.8	1.7	195	8.5	2933	908	1.31	0.42	19.11%
DD004B	DD004B-012	10.06	10.95	5896	57.1	16.9	60.2	133	7.9	3870.3	1.1	1695	554	218	13.9	1.8	199	8.5	2181	632	1.49	0.31	17.59%
DD004B	DD004B-013	10.95	11.8	4710	40.2	11.7	36.6	84.8	5.6	2863.1	0.8	1297	444	142	9.3	1.2	150	5.8	1664	1229	1.15	0.24	17.70%
DD004B	DD004B-014	11.8	12.77	7937	39.7	11.9	42.1	92.5	5.6	5147.1	0.7	1874	697	180	10.2	1.2	143	5.8	1597	562	1.90	0.23	15.84%
DD004B	DD004B-015	12.77	13.6	6557	35.1	11.2	35.3	75.1	5.2	3976.2	0.7	1624	595	152	8.6	1.2	136	5.6	1781	437	1.55	0.25	16.73%
DD004B	DD004B-016	13.6	14.2	7740	39	13.3	36.4	81.4	5.9	5240.4	0.8	1743	664	158	9.								



Drill Collar DD004B (cont.)

Hole_ID	Sample No	Depth_From (m)	Depth_To (m)	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	La ppm	Lu ppm	Nd ppm	Pr ppm	Sm ppm	Tb ppm	Tm ppm	Y ppm	Yb ppm	Nb ppm	Mo ppm	TREO%	Nb2O5%	NdPr%
DD004B	DD004B-041	37.5	38.5	7987	38.8	14.6	47.2	96.2	6	5315.9	1	1978	710	202	9.4	1.5	155	7.6	1321	711	1.94	0.19	16.16%
DD004B	DD004B-042	38.5	39.5	6816	39.5	13.9	45.8	97	5.8	4524.1	0.9	1710	604	190	9.6	1.5	147	7.1	941	512	1.66	0.13	16.22%
DD004B	DD004B-043	39.5	40.5	7257	43	15.4	45.5	96.1	6.7	4785.6	1.1	1807	647	191	9.8	1.7	164	8.1	1440	529	1.77	0.21	16.21%
DD004B	DD004B-044	40.5	41.5	6703	42.3	15.7	44.4	92.6	6.4	4358.3	1.1	1706	600	185	9.9	1.7	169	8.6	1434	626	1.63	0.21	16.48%
DD004B	DD004B-045	41.5	42.5	6555	49.5	19.2	47.7	104	8.1	4164.5	1.5	1754	600	195	11	2.2	208	11.4	1393	606	1.61	0.20	17.08%
DD004B	DD004B-046	42.5	43.5	4724	35	12.3	33.1	73.1	5.4	2840.3	0.8	1293	442	138	7.7	1.3	137	6.2	1313	497	1.14	0.19	17.73%
DD004B	DD004B-047	43.5	44.5	7207	44.5	15.4	52.5	112	6.4	4374.3	1.1	1955	677	221	10.9	1.7	164	8.7	1060	349	1.74	0.15	17.66%
DD004B	DD004B-048	44.5	45.5	5433	35.9	12	43.1	88.7	5.4	3297.9	0.8	1520	511	186	8.3	1.3	136	6.5	1018	420	1.32	0.15	17.93%
DD004B	DD004B-049	45.5	46.5	4201	32.8	11.7	36.6	77.1	4.9	2348.3	0.8	1336	425	158	7.6	1.2	120	6.3	685	270	1.03	0.10	20.01%
DD004B	DD004B-050	46.5	47.5	3183	17.6	5.3	32.1	60.7	2.3	1463.8	0.5	1125	347	138	5.2	0.6	58.5	3.5	116	29	0.75	0.02	22.78%
DD004B	DD004B-051	47.5	48.5	4088	26.2	8.2	33	68	3.6	1938.3	0.6	1378	435	149	6.4	0.9	89.3	4.5	458	172	0.96	0.07	21.95%
DD004B	DD004B-052	48.5	49.5	5966	35.5	12.3	41.1	85	5.3	3586.2	0.9	1633	562	183	8.6	1.2	133	6.6	1266	429	1.44	0.18	17.84%
DD004B	DD004B-053	49.5	50.5	7037	33.4	11.9	46.7	91	5.1	5164.4	0.9	1775	616	200	8.2	1.3	125	6.6	1151	177	1.77	0.16	15.75%
DD004B	DD004B-054	50.5	51.5	6740	51.6	17.8	50.7	107	7.8	3822	1.1	1957	659	210	11.4	1.7	192	8.3	1281	676	1.62	0.18	18.84%
DD004B	DD004B-055	51.5	52.5	4873	57.6	19.2	45.7	106	8.8	2662.4	1.3	1461	482	175	12.6	2.1	220	9.8	1697	659	1.19	0.24	19.09%
DD004B	DD004B-056	52.5	53.5	6103	57	18.8	52.5	114	8.6	3600.4	1.3	1803	591	215	12.5	2	216	9.7	1574	763	1.50	0.23	18.63%
DD004B	DD004B-057	53.5	54.5	6595	74.1	25.8	59.2	134	11.6	3695.7	1.7	2012	658	237	15.4	2.9	306	13.3	1765	1005	1.62	0.25	19.21%
DD004B	DD004B-058	54.5	55.5	6152	23.3	7.3	45.1	87.5	3	3536.3	0.6	1799	594	204	7.3	0.7	77.1	4.3	506	166	1.47	0.07	19.03%
DD004B	DD004B-059	55.5	56.1	5894	19	6.5	37.9	73.1	2.5	3472.5	0.5	1612	556	172	5.8	0.5	61.3	3.6	437	248	1.40	0.06	18.13%
DD004B	DD004B-060	56.1	57.1	4245	46.3	15	49.6	111	6.6	1899.2	1.3	1550	473	195	11.1	1.6	171	10.1	369	301	1.03	0.05	22.94%
DD004B	DD004B-061	57.1	57.9	3178	27.9	9	34.8	74.3	3.8	1396.1	0.9	1154	351	147	7.1	1.1	102	6.7	239	152	0.76	0.03	23.10%
DD004B	DD004B-062	57.9	58.8	2847	15.4	4.4	27	52.8	2	1237.5	0.3	998	312	115	4.6	<0.5	47.8	2.5	368	323	0.66	0.05	23.05%
DD004B	DD004B-063	58.8	60	3154	21	5.9	31.1	60.9	2.6	1373.1	0.4	1120	347	131	5.5	0.6	61.2	2.9	328	153	0.74	0.05	23.15%
DD004B	DD004B-064	60	61.1	3360	15.7	4.6	31.5	60.6	2.1	1427.4	0.4	1197	371	138	4.9	<0.5	50.6	2.7	347	84	0.78	0.05	23.45%
DD004B	DD004B-065	61.1	61.95	4035	16.8	4.4	41.3	79.7	2	1658.8	0.3	1551	464	185	6	<0.5	46.4	2.4	249	38	0.95	0.04	24.83%
DD004B	DD004B-066	61.95	63.08	3847	16	4.7	39.1	73.8	1.9	1582.1	0.3	1484	442	181	5.6	<0.5	44.8	2.2	231	34	0.90	0.03	24.87%
DD004B	DD004B-067	63.08	64	3971	17.6	5.1	43.9	79	2.3	1677.7	0.3	1536	453	194	5.8	<0.5	52.8	2.7	219	45	0.94	0.03	24.67%
DD004B	DD004B-068	64	64.9	1035	15.2	6.3	11.1	24	2.7	448.1	0.6	384	117	44.8	3	0.8	69.6	4.4	82	13	0.25	0.01	22.99%
DD004B	DD004B-069	64.9	65.75	3569	23.6	7.8	29.7	58.5	3.5	1534.7	0.5	1324	401	141	5.7	0.7	80.1	4	92	27	0.84	0.01	23.94%
DD004B	DD004B-070	65.75	66.75	2362	18.4	6.7	21	43.2	2.8	1004.5	0.6	914	273	102	4.1	0.8	67.8	4.4	59	4	0.57	0.01	24.52%
DD004B	DD004B-071	66.75	67.8	2093	20.1	7	21.9	44.5	3.2	855.4	0.6	863	252	105	4.4	0.8	69.3	4.7	29	4	0.51	0.00	25.59%
DD004B	DD004B-072	67.8	69	2600	21.1	7.3	27.6	52.7	3.2	1089.6	0.6	1048	307	122	5.3	0.8	77.2	4.5	79	5	0.63	0.01	25.16%
DD004B	DD004B-073	69	70	1783	6.8	3.4	3.3	9	1.3	92.8	0.4	66.8	19.8	10.7	1.1	0.5	34.6	3	30	4	0.05	0.00	19.89%
DD004B	DD004B-074	70	71	129.1	6.5	3.2	2.6	7.9	1.3	79.1	0.3	47.4	12.9	8	1.1	0.5	32.8	2.6	27	3	0.04	0.00	17.81%
DD004B	DD004B-075	71	72.74	1997	19.5	6.9	23.6	48.9	3.1	841.8	0.6	797	233	102	4.5	0.7	74.7	4.8	34	4	0.49	0.00	24.67%
DD004B	DD004B-076	72.74	73.4	2679	19.7	7.6	30.2	59.1	2.9	1126.3	0.6	1108	315	138	5.2	0.8	68.3	5	56	19	0.65	0.01	25.48%
DD004B	DD004B-077	73.4	74.68	2049	17.2	6.1	24.9	79.4	2.5	876.9	0.5	812	237	104	4.4	0.7	63.3	3.7	143	71	0.50	0.02	24.58%
DD004B	DD004B-078	74.68	75.66	2773	22.8	7	31.7	63.5	3	1136.3	0.5	1102	324	140	6.3	0.7	73.3	4.1	44	21	0.67	0.01	24.98%
DD004B	DD004B-079	75.66	76.6	2780	23.1	7.2	32	65.9	3.1	1146	0.5	1100	322	137	6	0.7	75	4.1	43	23	0.67	0.01	24.85%
DD004B	DD004B-080	76.6	77.6	4161	28.4	7.4	42.7	85.4	3.4	1724.2	0.5	1532	470	182	7.9	0.8	86.6	3.7	104	26	0.98	0.01	23.94%
DD004B	DD004B-081	77.6	78.58	4032	32.6	9.5	37.7	79.5	4.3	2044.5	0.6	1342	423	160	8.1	1	108	4.9	308	201	0.97	0.04	21.23%
DD004B	DD004B-082	78.58	79.56	4277	31.9	9	36.8	74.7	3.1	2132.3	0.6	1378	440	154	7.8	0.9	107	4.6	251	285	1.01	0.04	20.92%
DD004B	DD004B-083	79.56	80.54	6045	31.1	9.9	43.2	90.1	4.2	3394.5	0.7	1790	590	195	8.3	0.9	110	5.4	224	174	1.44	0.03	19.26%
DD004B	DD004B-084	80.54	81.52	12887	49	16.2	68.4	143	7	10446	1.1	2703	1001	283	12.9	1.6	187	8.4	86	34	3.26	0.01	13.27%
DD004B	DD004B-085	81.52	82.13	11316	32.1	12.3	55.2	109	5.1	8723	0.8	2494	920	235	10.3	1.2	130	6.5	452	75	2.82	0.06	14.15%
DD004B	DD004B-086	82.5	83.48	4867	24	7.5	38.6	75.5	3	2219.7	0.5	1605	514	174	6.9	0.7	75.4	3.7	277	72	1.13	0.04	21.97%
DD004B	DD004B-087	83.48	84.46	3386	26	10.1	27.7	59	3.9	1590.3	0.9	1065	351	115	6.2	1.2	104	6.7	233	60	0.79	0.03	20.90%
DD004B	DD004B-088	84.46	85.44	7234	35.4	12.7	43.5	89.9	5.3	4573.4	1.1	1942	672	191	8.7	1.4	134	8.2	427	147	1.75	0.06	17.42%
DD004B	DD004B-089	85.44	86.12	11326	56.4	18.9	56.6	127	8.3	8939.7	1.3	2367</											



Drill Collar DD004B (cont.)

Hole_ID	Sample No	Depth_From (m)	Depth_To (m)	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	La ppm	Lu ppm	Nd ppm	Pr ppm	Sm ppm	Tb ppm	Tm ppm	Y ppm	Yb ppm	Nb ppm	Mo ppm	TREO%	Nb2O5%	NdPr%
DD004B	DD004B-121	116.1	116.97	4517	61	23.7	44.4	103	10	2957.2	2.1	1272	414	165	12.3	2.9	277	16.2	1852	492	1.16	0.27	16.99%
DD004B	DD004B-122	116.97	117.88	5382	62.4	22	51	117	9.9	3325.4	1.6	1619	509	199	12.9	2.5	260	12.5	1640	180	1.36	0.23	18.29%
DD004B	DD004B-123	117.88	118.6	3226	41.9	13.8	36.2	81.4	6.5	1904.1	1	1032	317	137	9.1	1.5	168	8	1239	94	0.82	0.18	19.23%
DD004B	DD004B-124	118.6	119.65	2567	40.8	13.7	32.8	74.4	6.4	1523.3	1	856	256	116	8.5	1.4	165	7.4	1477	53	0.66	0.21	19.51%
DD004B	DD004B-125	119.65	120.8	3638	34	12.9	30.4	67	5.5	2362.2	1.2	1015	331	119	7.3	1.6	151	9.4	1970	66	0.91	0.28	17.21%
DD004B	DD004B-126	120.8	121.58	4010	49.6	14.9	39.5	92.7	7.4	2688.5	1.1	1120	367	143	10.6	1.7	192	8.9	2251	124	1.03	0.32	16.93%
DD004B	DD004B-127	121.58	122.35	2205	23	7.4	20.9	48.5	3.3	1341.2	0.5	648	208	83.2	5.3	0.8	89.2	3.9	1107	125	0.55	0.16	18.18%
DD004B	DD004B-128	122.35	123.1	3996	47.2	17.5	35.6	84	7.5	2606.9	1.4	1121	364	135	9.9	1.9	207	10.8	1823	36	1.01	0.26	17.10%
DD004B	DD004B-129	123.1	124.18	3921	96.8	36.2	51.2	132	15.8	2301.7	2.7	1232	380	171	18	4.1	432	20.7	1576	41	1.04	0.23	18.18%
DD004B	DD004B-130	124.18	124.85	4964	90.8	33.6	53.4	134	15.2	2809.3	2.5	1530	485	192	17	4.1	406	19.6	565	21	1.26	0.08	18.63%
DD004B	DD004B-131	124.85	125.47	1798	37.6	13.3	23.1	58.6	5.8	1003.6	1	624	186	86.1	7.5	1.7	160	8.1	1548	89	0.47	0.22	20.05%
DD004B	DD004B-132	125.47	126.85	5154	64.1	21.3	49.5	119	9.6	3119.5	1.7	1557	489	186	13.9	2.5	268	12.9	1385	91	1.30	0.20	18.40%
DD004B	DD004B-133	126.85	128.1	6210	44.6	15.1	45.5	101	6.6	4395.9	1.3	1568	537	180	10.6	1.7	177	9.9	1571	107	1.56	0.22	15.76%
DD004B	DD004B-134	128.1	129.1	5698	61.2	21.4	48.8	112	9.5	3597.9	1.7	1640	530	189	13.2	2.5	254	13.2	1599	75	1.43	0.23	17.72%
DD004B	DD004B-135	129.1	130.1	5604	75.6	27.1	52.4	124	11.8	3782.8	2.1	1547	505	194	15.1	3.1	326	16.4	1086	122	1.44	0.16	16.62%
DD004B	DD004B-136	130.1	131	6215	78.9	26.6	62.1	141	11.9	3683.5	1.9	1901	602	237	16.2	2.9	310	15	433	84	1.56	0.06	18.73%
DD004B	DD004B-137	131	131.86	3537	19.3	8.5	24.1	45.9	3.2	1976.1	0.8	1101	351	109	4.3	1	188.3	6	881	60	0.85	0.13	19.88%
DD004B	DD004B-138	131.86	133	10614	27.9	8.5	53.7	106	3.4	6619.7	0.5	2699	963	251	9.3	0.8	79.6	4.1	756	685	2.51	0.11	17.03%
DD004B	DD004B-139	133	133.9	8121	26.6	9.6	43.9	87.9	3.9	5694.5	0.8	1998	702	198	7.6	1.1	101	6.3	879	232	1.99	0.13	15.83%
DD004B	DD004B-140	133.9	134.9	5386	23.1	9	35	68.8	3.5	3264	0.7	1560	517	161	6.1	1	92.5	5.6	539	94	1.30	0.08	18.59%
DD004B	DD004B-141	134.9	135.9	7059	34.2	13.5	43	84.4	5.3	4775.5	1.1	1933	640	201	8.3	1.5	140	8.4	301	239	1.75	0.04	17.15%
DD004B	DD004B-142	135.9	136.8	6683	29.9	11.8	42.8	82.8	4.4	4431.8	1	1837	610	186	7.7	1.4	120	7.6	473	214	1.65	0.07	17.35%
DD004B	DD004B-143	136.8	137.9	4693	88.9	27.3	55.3	138	13.1	3106.5	2	1370	433	199	17.2	3.1	337	15.3	1446	1229	1.23	0.21	17.08%
DD004B	DD004B-144	137.9	138.7	6176	65.6	23.4	50.9	117	10.4	4248.6	1.8	1683	555	200	13.9	2.5	267	13.9	1619	291	1.57	0.23	16.59%
DD004B	DD004B-145	138.7	139.8	10534	54.6	20.6	62.2	128	8.5	7014.4	1.6	2569	917	265	12.7	2.4	223	12	842	401	2.56	0.12	15.92%
DD004B	DD004B-146	139.8	140.8	10234	56.1	20.6	62.4	128	8.8	6816.2	1.6	2499	881	254	13	2.5	228	12.2	827	411	2.49	0.12	15.87%
DD004B	DD004B-147	140.8	141.98	7527	37.2	14.3	43.7	89.8	5.7	5675	1.2	1746	621	188	8.6	1.6	157	9.3	1522	160	1.89	0.22	14.62%
DD004B	DD004B-148	141.98	142.9	7610	20.4	9.2	32.4	60.6	3.2	5711.5	0.8	1672	618	151	5.3	1	90.3	5.9	2101	226	1.87	0.30	14.27%
DD004B	DD004B-149	142.9	143.9	6667	71.9	26.8	62.4	145	11.5	4675.1	2.2	1788	595	229	15.8	3	316	16.7	1629	105	1.71	0.23	16.22%
DD004B	DD004B-150	143.9	144.9	7429	63.9	21.9	62.2	137	9.8	5678.6	1.7	1838	622	229	14.2	2.4	256	13	2573	332	1.92	0.37	14.96%
DD004B	DD004B-151	144.9	145.65	9122	85.8	29.4	75.2	168	13.2	6574.1	2.4	2345	789	275	18.7	3.6	349	18.7	1555	28	2.33	0.22	15.71%
DD004B	DD004B-152	145.65	146.35	5654	72.1	23.7	56.8	134	10.4	3588.2	1.8	1606	522	201	15.5	2.7	272	14.2	1276	599	1.43	0.18	17.40%
DD004B	DD004B-153	146.35	147.45	1041	17.7	6.5	11.9	27.9	2.9	634.3	0.7	319	99.6	40.9	3.4	0.8	75.3	5.3	931	78	0.27	0.13	18.20%
DD004B	DD004B-154	147.45	148.6	997.9	3.2	0.9	8.1	14.3	0.4	585.6	0.1	313	98.7	35.2	1.2	<0.5	9.7	0.8	1416	11	0.24	0.20	19.83%
DD004B	DD004B-155	148.6	149.32	3916	68.1	19.1	49.7	119	9.8	2245.3	1.1	1258	385	171	14.6	1.9	244	8.6	1290	248	1.00	0.18	19.21%
DD004B	DD004B-156	149.32	150.32	4794	38.9	9.3	45.3	99.1	5	2809.4	0.5	1418	456	173	10.2	0.8	112	3.8	991	222	1.17	0.14	18.72%
DD004B	DD004B-157	150.32	151.32	3769	42.9	9.6	41.3	101	5.2	2249.7	0.7	1104	359	146	11	0.9	118	5.6	1298	28	0.93	0.19	18.31%
DD004B	DD004B-158	151.32	152.32	3281	32.8	10	32.1	70.2	4.7	1899.3	0.8	1004	318	121	7.8	1.1	116	5.9	1862	32	0.81	0.27	19.08%
DD004B	DD004B-159	152.32	153.6	3322	37.9	11.3	32.9	72.9	5.4	1937	0.9	1021	321	123	8.3	1.3	132	7.3	2027	32	0.82	0.29	19.00%
DD004B	DD004B-160	153.6	154.6	7489	37.3	14.8	55.6	110	5.6	5042.2	1.7	2033	672	221	9.9	2	145	12.9	626	163	1.86	0.09	17.01%
DD004B	DD004B-161	154.6	155.75	12206	37.5	10.3	66	134	4.6	9459.3	0.8	2630	981	266	11.6	1	102	5.9	767	165	3.04	0.11	13.89%
DD004B	DD004B-162	155.75	156.5	3352	10.4	3	20.6	39.8	1.2	2570.4	0.3	756	270	73.3	3.4	<0.5	29.2	2.3	1808	594	0.84	0.26	14.33%
DD004B	DD004B-163	156.5	157.5	10380	24.3	7.6	62	114	2.8	6773.8	0.5	2850	952	286	8.6	0.6	64	4.1	276	31	2.52	0.04	17.60%
DD004B	DD004B-164	157.5	158.5	9584	40.4	11.8	60	125	5.1	6684.5	0.9	2880	828	246	11.5	1.1	120	7.3	356	97	2.35	0.05	15.90%
DD004B	DD004B-165	158.5	159.6	12605	36.1	10.1	68.2	141	4.2	8473.3	0.7	2901	1076	294	12.1	0.9	96.1	5.2	1392	719	3.01	0.20	15.41%
DD004B	DD004B-166	159.5	160.5	8340	45.8	16.3	54.2	119	6.9	5799	1.9	1957	710	212	12.3	2.1	171	14.6	796	655	2.05	0.11	15.22%
DD004B	DD004B-167	160.5	161.6	8686	31.9	11.8	49.7	102	4.7	6302.1	1.2	1990	725	207	8.9	1.3	118	9.5	595	220	2.14	0.09	14.82%
DD004B	DD004B-168	161.6	162.5	4992	46	13.8	42.9	104	6.1	3540.6	1.5	1251	428	152									



Drill Collar DD004B (cont.)

Hole_ID	Sample No	Depth_From (m)	Depth_To (m)	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	La ppm	Lu ppm	Nd ppm	Pr ppm	Sm ppm	Tb ppm	Tm ppm	Y ppm	Yb ppm	Nb ppm	Mo ppm	TREO%	Nb2O5%	NdPr%	
DD004B	DD004B-201	195	196	3908	90.5	33.2	55.8	140	14.8	2111.3	2.8	1366	405	191	17.7	3.9	385	21.4	2045	367	1.03	0.29	20.13%	
DD004B	DD004B-202	196	197	8733	20.8	9.4	44	82	3.5	5954.8	0.8	2174	763	199	6.6	1.1	88.7	6.5	724	106	2.12	0.10	16.19%	
DD004B	DD004B-203	197	198	8941	21.3	8.3	47.8	90.5	3	6286.2	0.7	2211	767	217	7	1	77.2	5.3	928	28	2.19	0.13	15.89%	
DD004B	DD004B-204	198	199	6781	31.5	8.7	40	84.5	4	4617.6	0.7	1623	576	158	8.4	1	91.6	5.5	1693	105	1.64	0.24	15.62%	
DD004B	DD004B-205	199	199.84	11037	31	8.2	59.5	122	3.6	7883.6	0.5	2569	928	249	10.4	0.8	79.6	3.8	561	277	2.69	0.08	15.17%	
DD004B	DD004B-206	199.84	200.86	2380	66.6	23.5	36.7	97	10.7	1245.8	1.8	855	248	122	12.9	2.8	290	13.7	1381	175	0.64	0.20	20.28%	
DD004B	DD004B-207	200.86	201.86	4953	106.1	37.3	54.7	141	17.1	3084.9	3	1453	461	189	19	4.4	447	22.8	1248	119	1.29	0.18	17.31%	
DD004B	DD004B-208	201.86	202.86	7616	16	6.3	42.8	78.8	2	4837.3	0.5	1974	681	196	5.7	0.7	52.9	3.8	946	112	1.82	0.14	17.06%	
DD004B	DD004B-209	202.86	203.86	11171	28.5	8.8	60.9	121	3.5	7118.2	0.6	2750	987	271	9.9	0.8	84	4.5	443	222	2.65	0.06	16.47%	
DD004B	DD004B-210	203.86	204.86	11404	23.2	7.7	57.1	110	2.7	7206.4	0.5	2727	996	255	8.6	0.7	69.1	4.1	887	848	2.68	0.13	16.24%	
DD004B	DD004B-211	204.86	205.86	18699	23.7	9.4	96.3	172	2.9	12294	0.7	4258	1588	419	11.1	0.9	75.2	5.5	1260	582	4.41	0.18	15.47%	
DD004B	DD004B-212	205.86	207	8650	28.3	10.6	56.2	107	4	5721.6	0.9	2336	779	245	8.7	1.1	103	6.7	1356	69	2.11	0.19	17.19%	
DD004B	DD004B-213	207	208	2862	80.1	22.6	50.1	135	11.3	1655.8	1.7	945	282	154	17.2	2.7	283	13.1	1475	27	0.76	0.21	18.73%	
DD004B	DD004B-214	208	209	2298	48.2	13.3	32.3	80.2	6.9	1341.4	0.8	744	223	104	10	1.4	179	5.9	1304	31	0.60	0.19	18.91%	
DD004B	DD004B-215	209	210	6649	14.5	6.2	48.5	86.5	2	3838.6	0.6	2025	643	221	5.8	0.8	53	4.6	737	28	1.59	0.11	19.56%	
DD004B	DD004B-216	210	211	3211	58.7	19.3	54.2	120	8.8	1614.7	1.6	1265	352	193	13	2.3	222	12.5	1923	20	0.84	0.28	22.52%	
DD004B	DD004B-217	211	212	2534	75.1	27	46.7	114	12	1301.9	1.8	996	274	157	14.5	2.9	309	14.2	1706	22	0.69	0.24	21.47%	
DD004B	DD004B-218	212	213	2477	77.9	27.7	41.8	103	12.6	1323.8	1.9	933	261	138	14.1	3.2	326	14.9	716	13	0.68	0.10	20.61%	
DD004B	DD004B-219	213	214	2544	64.2	22.3	37.5	91.1	10.5	1402.6	1.6	930	266	128	11.9	2.7	267	12.7	665	7	0.68	0.10	20.53%	
DD004B	DD004B-220	214	215	2698	66.3	23.3	40.8	98.2	11	1535.2	1.7	977	279	139	12.7	2.7	278	13.4	546	6	0.73	0.08	20.22%	
DD004B	DD004B-221	215	216	2927	62.4	21.7	43.8	101	10.1	1698	1.8	1071	310	155	13.1	2.7	270	13.2	439	47	0.79	0.06	20.49%	
DD004B	DD004B-222	216	217	3405	62.4	21.7	47.9	110	9.9	1989.9	1.8	1219	356	176	13.5	2.6	262	13.7	690	31	0.90	0.10	20.38%	
DD004B	DD004B-223	217	218	3762	75.7	26.6	49	115	12.8	2111.2	2.3	1307	395	179	15	3.3	329	17.2	1597	22	0.99	0.23	20.15%	
DD004B	DD004B-224	218	219	3570	100.1	34.6	53.3	135	17.1	1928.4	3.1	1303	385	182	19.6	4.4	433	22.9	2222	36	0.96	0.32	20.45%	
DD004B	DD004B-225	219	220	3501	67.9	23.7	43.3	105	10.9	1943.1	2.1	1190	365	156	13.7	2.9	288	15.5	2107	109	0.91	0.30	20.02%	
DD004B	DD004B-226	220	221	3374	63.5	21.7	40.4	96.6	10.2	1909.5	1.9	1148	351	151	12.8	2.8	267	14.4	1963	131	0.88	0.28	19.98%	
DD004B	DD004B-227	221	222.3	7017	45.4	14.9	49.9	103	7	4576.5	1.4	1871	642	205	10.9	2	174	10.5	381	789	1.73	0.05	17.00%	
DD004B	DD004B-228	222.3	223.85	770.2	44.7	17.1	15.4	45.5	8	427.1	1.7	269	79.1	45.3	7.7	2.3	207	12.6	266	89	0.23	0.04	17.65%	
DD004B	DD004B-229	223.85	224.85	13150	71.8	24.3	75	154	11.4	9788.7	1.9	3174	1154	309	17	2.7	294	13.9	804	253	3.31	0.12	15.27%	
DD004B	DD004B-230	224.85	226	4630	100	34.4	51	127	16.6	3053.2	2.7	1418	449	184	18.5	4	429	20	1351	67	1.24	0.19	17.62%	
DD004B	DD004B-231	226	227	9139	26.6	6.5	44.7	87.5	3.4	7017.4	0.5	1986	747	186	8.3	0.7	72.7	3.9	1492	1928	2.26	0.21	14.09%	
DD004B	DD004B-232	227	228	9017	34.9	9.2	53.2	108	4.7	6518.9	0.7	2187	781	222	10.3	1.1	105	4.9	704	330	2.23	0.10	15.52%	
DD004B	DD004B-233	228	229	6020	64.5	19.9	59.4	131	9.9	3810.8	1.6	1918	598	236	15.1	2.3	251	12.1	936	58	1.54	0.13	19.06%	
DD004B	DD004B-234	229	230	2921	72.1	23.9	46.2	111	12.1	1559.9	1.7	1162	322	167	14.5	2.6	296	12.9	1353	4	0.79	0.19	21.93%	
DD004B	DD004B-235	230	231	3737	57.3	17.4	50.6	112	8.7	2072.4	1.2	1439	407	188	13	1.8	215	8.9	547	1	0.98	0.08	22.07%	
DD004B	DD004B-236	231	231.9	2908	53.9	17.1	38.6	91.1	8.8	1568.7	1.2	1142	321	148	11.4	1.9	215	9.3	1131	7	0.77	0.16	22.27%	
DD004B	DD004B-237	231.9	233	3139	39.6	16.4	29.5	66.5	6.8	2205.5	1.8	860	283	111	8	2.3	189	13.2	2185	138	0.82	0.31	16.31%	
DD004B	DD004B-238	233	234	4701	39.5	15.3	36.8	79.9	6.3	3550.1	1.5	1128	400	140	14.4	2	171	11.5	2193	61	1.21	0.31	14.79%	
DD004B	DD004B-239	234	235	4656	41.5	16.1	37.6	84.6	6.8	3563	1.7	1128	399	142	9.5	2.2	180	12.7	2208	67	1.21	0.32	14.79%	
DD004B	DD004B-240	235	236	3371	43.2	19.6	30.9	75.2	7.7	2287.8	2.6	917	309	115	9.1	3	209	19.8	2751	294	0.87	0.39	16.44%	
DD004B	DD004B-241	236	237	3154	32.4	24.2	20.4	29.4	7.0	7.7	2130.2	3.1	881	292	109	8.3	3.5	209	23.4	2888	167	0.82	0.41	16.71%
DD004B	DD004B-242	237	238	2709	43.4	19.1	28.4	71.4	7.8	1716.2	2.5	786	256	101	9.3	2.9	206	12.5	2250	123	0.70	0.32	17.34%	
DD004B	DD004B-243	238	239	3085	25.1	10.1	23.1	51.6	4.5	2328.2	1.3	768	263	90.3	5.6	1.5	116	9.4	1685	179	0.80	0.24	15.14%	
DD004B	DD004B-244	239	240	2996	22.9	7.9	19.9	43.6	3.5	2298.4	0.7	696	250	76.7	5.2	1	195.2	5.4	988	126	0.76	0.14	14.44%	
DD004B	DD004B-245	240	241	1181	34.4	4.9	10.7	24.5	2.2	796.7	0.5	315	104	40.4	2.9	0.7	58.1	4.1	812	97	0.30	0.12	16.30%	
DD004B	DD004B-246	241	242	3700	30.8	10.4	26	59.2	5.1	2817.6	1.1	897	317	101	7	1.4	125	8.2	1384	327	0.95	0.20	14.92%	
DD004B	DD004B-247	242	243	4113	38.4	12.1	34.7	75.9	6	2681.8	0.9	1228	396	139	9	1.5	148	7	971	56	1.04	0.14	18.19%	
DD004B	DD004B-248	243	244	4491	42.7	14	40.3	88.9	6.8	2691.2	1.1	1494	459	173	9.9	1.6	169	8.2	1027	32	1.14	0.15	20.08%	
DD004B	DD004B-249	244	245	3997	77.3	24.2	53.2	131</																



Drill Collar DD004B (cont.)

Hole_ID	Sample No	Depth_From (m)	Depth_To (m)	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	La ppm	Lu ppm	Nd ppm	Pr ppm	Sm ppm	Tb ppm	Tm ppm	Y ppm	Yb ppm	Nb ppm	Mo ppm	TREO%	Nb2O5%	NdPr%
DD004B	DD004B-281	276	277	4597	79.5	21.9	59.3	142	12.1	2710.2	1.4	1622	477	223	18.1	2.3	291	10.2	2741	291	1.20	0.39	20.35%
DD004B	DD004B-282	277	278	4388	79.4	25.7	54	127	12.4	2474.4	1.7	1577	464	199	16.8	2.7	318	13	1391	16	1.14	0.20	20.82%
DD004B	DD004B-283	278	279	3829	41.1	13.5	37.6	79.1	6.7	2082.7	0.9	1371	408	158	9.3	1.5	166	6.8	820	118	0.96	0.12	21.58%
DD004B	DD004B-284	279	280	4806	105.6	34.9	58.9	143	17.9	2618.1	2	1764	515	229	19.6	3.6	429	15.4	1889	373	1.26	0.27	21.07%
DD004B	DD004B-285	280	281	6537	73.6	22	55.7	133	11.3	4401.4	1.4	1817	605	215	16.4	2.3	266	10.7	2251	507	1.66	0.32	17.03%
DD004B	DD004B-286	281	282	5410	30.1	7.4	37.8	82.2	3.8	3912.9	0.6	1371	476	144	8.4	0.9	94.5	4.6	3519	1345	1.36	0.50	15.89%
DD004B	DD004B-287	282	283	5064	96.3	27	69.9	167	14.3	2950.9	2	1738	523	246	21.9	3.1	342	15.3	1245	19	1.32	0.18	19.95%
DD004B	DD004B-288	283	284	4308	61.8	17.2	58.5	132	9.2	2371.8	1.4	1610	466	219	14.9	2	217	10.6	1219	9	1.11	0.17	21.76%
DD004B	DD004B-289	284	285	6682	69.1	18.5	66.1	151	9.9	4392.9	1.3	1958	629	247	17	2	229	9.8	932	72	1.70	0.13	17.79%
DD004B	DD004B-290	285	286	11101	22.3	5.3	59.9	114	2.5	9059.7	0.4	2415	893	249	9	0.6	57.9	3.3	1392	237	2.81	0.20	13.74%
DD004B	DD004B-291	286	287	4190	51.6	15.3	45	104	7.6	2393.7	1.3	1422	429	173	12.2	1.8	185	9.4	2018	31	1.06	0.29	20.40%
DD004B	DD004B-292	287	288	4539	50.4	16.5	53.9	119	7.7	2655.3	1.4	1530	462	203	12.6	2	195	10.2	1820	6	1.16	0.26	20.13%
DD004B	DD004B-293	288	289	3649	41.4	14.2	40.6	88.5	6.3	2159.9	1.3	1235	372	158	9.5	1.7	163	9.4	2698	8	0.93	0.39	20.13%
DD004B	DD004B-294	289	290	4196	82	36.7	50.7	121	15.8	2546.2	3.4	1400	424	185	15.9	4.7	420	25.7	1099	46	1.12	0.16	19.04%
DD004B	DD004B-295	290	291	7508	50.6	15.5	59.8	127	7.6	5708.9	1.3	1979	660	225	13.3	1.8	189	9.4	877	4	1.94	0.13	15.88%
DD004B	DD004B-296	291	292	4746	71.2	22.9	56.4	129	11.2	2765.4	1.8	1666	493	210	15.6	2.8	280	13.8	1427	5	1.23	0.20	20.49%
DD004B	DD004B-297	292	293	4010	84.1	29.6	52.2	127	14.2	2346.5	2.2	1386	414	189	16.8	3.3	353	16.3	2508	171	1.06	0.36	19.79%
DD004B	DD004B-298	293	294	3172	84	28.3	45.3	114	14.1	1764	1.8	1205	344	163	16.6	3	350	13.5	4372	96	0.86	0.63	21.03%
DD004B	DD004B-299	294	295	5461	33.2	9.7	42.9	88.5	4.8	3694.6	0.7	1528	505	178	8.9	1.1	121	5.4	1871	233	1.37	0.27	17.34%
DD004B	DD004B-300	295	296	5489	76	21.5	57.5	136	11.1	3447.9	1.4	1707	534	212	16.8	2.4	269	10.5	1392	180	1.41	0.20	18.61%
DD004B	DD004B-301	296.4	297.2	4205	62.2	22.8	42.8	97.7	10.7	2439.5	1.4	1398	428	165	12.2	2.5	273	10.8	1560	349	1.08	0.22	19.82%
DD004B	DD004B-302	297.2	298	3720	78.7	24.6	53.9	131	12.4	2014.2	1.4	1419	403	198	16.7	2.6	299	10.8	2583	15	0.98	0.37	21.62%
DD004B	DD004B-303	298	299	3326	80.6	25	53.3	129	13	1716.6	1.5	1338	369	189	17	2.6	310	11.3	1791	136	0.89	0.26	22.39%
DD004B	DD004B-304	299	300	2776	55.8	17.6	41.7	98.7	8.7	1403.6	1.2	1110	308	152	11.9	1.9	213	9	1855	14	0.73	0.27	22.73%
DD004B	DD004B-305	300	301	3357	60.9	19.1	50.9	119	9.5	1712.6	1.1	1373	378	193	14	2	231	8.5	975	4	0.88	0.14	23.15%
DD004B	DD004B-306	301	302	3707	67	20.2	55.4	126	10.1	1875.8	1.2	1491	415	212	15	2.1	244	8.7	1017	4	0.97	0.15	23.00%
DD004B	DD004B-307	302	303	3443	79.5	25.4	58.7	140	12.8	1712	1.7	1466	395	215	17.2	2.8	308	12.5	1270	<1	0.93	0.18	23.47%
DD004B	DD004B-308	303	304	3202	72.3	23.4	54.5	128	11.8	1582	1.5	1366	367	201	15.4	2.4	284	11.4	3099	9	0.86	0.44	23.54%
DD004B	DD004B-309	304	305	3054	63.2	18.7	51	115	9.6	1493.1	1.2	1291	351	183	13.9	2	237	9.2	3676	1	0.81	0.53	23.71%
DD004B	DD004B-310	305	306	3512	73.1	21.5	49.8	119	11.2	1837.3	1.4	1336	382	182	15.1	2.4	282	10.9	3848	127	0.92	0.55	21.82%
DD004B	DD004B-311	306	307	8222	52.8	15.8	53.8	117	7.8	6213.8	1.1	1920	688	210	13.1	1.7	186	8.1	2189	149	2.08	0.31	14.67%
DD004B	DD004B-312	307	308	9758	56.1	14.9	56.4	125	7.9	7473.2	0.9	2187	804	218	13.7	1.5	183	7.1	2203	142	2.45	0.32	14.26%
DD004B	DD004B-313	308	309	11466	68.6	19.8	71.7	156	10.4	8914.3	1.2	2718	992	286	17.2	2	235	9.3	1768	33	2.93	0.25	14.81%
DD004B	DD004B-314	309	310	8517	88.7	26.5	67.1	158	14	6208	1.7	2214	749	251	19.5	2.7	323	12.6	1829	37	2.19	0.26	15.82%
DD004B	DD004B-315	310	311	5377	88.9	26.8	61.3	142	13.9	2996.1	1.7	1953	573	240	18	2.7	339	12.4	1182	8	1.39	0.17	21.22%
DD004B	DD004B-316	311	312	5023	90.2	27.1	62.7	145	14.4	2781.1	1.8	1858	539	238	18.4	3	347	13.2	1044	4	1.31	0.15	21.37%
DD004B	DD004B-317	312.47	313.47	4879	71	21.5	56.2	129	11.1	2770.4	1.4	1716	503	219	15.6	2.4	269	10.4	1438	9	1.25	0.21	20.69%
DD004B	DD004B-318	313.47	314.47	5194	82.2	24.6	64	146	12.9	2909.1	1.6	1925	558	248	17.5	2.6	306	11.7	2901	12	1.35	0.42	21.49%
DD004B	DD004B-319	314.47	315.37	5210	83.6	25.1	63.5	146	13.1	2880	1.6	1903	554	250	17.8	2.5	310	11.9	2850	13	1.34	0.41	21.32%
DD004B	DD004B-320	315.37	316.37	5372	75.2	25.1	56.6	133	12.4	3347.1	1.6	1881	524	213	16.6	2.6	299	12.4	737	199	1.37	0.11	18.74%
DD004B	DD004B-321	316.37	317.37	4930	95.2	33.8	59.3	141	16.3	2860.5	2.4	1706	506	220	19.3	3.7	397	17.9	1376	7	1.29	0.20	20.00%
DD004B	DD004B-322	317.37	318.37	4340	83.7	28.4	48.1	115	13.9	2615.3	2.1	1412	438	177	16.1	3.4	346	15.9	1502	663	1.13	0.21	19.07%
DD004B	DD004B-323	318.37	319.37	10804	70.9	19.8	69.5	155	10.2	8177.7	1.6	2598	920	278	17.3	2.2	249	11.8	1752	24	2.74	0.25	14.99%
DD004B	DD004B-324	319.37	320.1	13334	27.2	7.9	55.6	105	3.7	10829	0.6	2737	1077	251	9.1	0.9	89.2	4.8	1033	113	3.34	0.15	13.32%
DD004B	DD004B-325	320.1	321.1	5269	75.2	25.1	55.5	132	11.9	3635.4	2	1551	497	199	16.4	3	298	14.7	1421	433	1.38	0.20	17.30%
DD004B	DD004B-326	321.1	322.1	5592	70.3	25.6	41.4	103	11.9	3959.6	2	1487	502	165	13.5	3	298	14.7	1960	595	1.44	0.28	16.11%
DD004B	DD004B-327	322.1	323	6160	71.7	22.5	60.7	143	11.1	4115	1.7	1804	580	222	16.6	2.4	269	13	1916	249	1.58	0.27	17.59%
DD004B	DD004B-328	323	324	8585	91.6	25.9	58.1	2.8	2129.8	0.5	1242	354	124	5.7	0.7	75.9	4	1469	168	0.88	0.21	19.58%	
DD004B	DD004B-329	324	325	9473	27.9	6.																	



Drill Collar DD004B (cont.)

Hole_ID	Sample No	Depth_From (m)	Depth_To (m)	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	La ppm	Lu ppm	Nd ppm	Pr ppm	Sm ppm	Tb ppm	Tm ppm	Y ppm	Yb ppm	Nb ppm	Mo ppm	TREO%	Nb2O5%	NdPr%
DD004B	DD004B-361	357	358	8975	35.1	6.8	60.9	122	3.7	6164.9	0.4	2292	793	251	11.8	0.6	82.7	3.4	1266	164	2.20	0.18	16.35%
DD004B	DD004B-362	358	359	10010	37.2	7.6	53.9	114	4.2	7699.6	0.6	2194	806	227	11.6	0.8	100	4.6	1233	249	2.49	0.18	14.06%
DD004B	DD004B-363	359	360	11451	30.3	6.2	50	104	3.2	9234.8	0.4	2315	899	218	9.9	0.6	72.6	3.2	748	84	2.86	0.11	13.13%
DD004B	DD004B-364	360	361	11050	24.3	5.4	47.1	99.1	2.5	8920.5	0.4	2166	849	199	8.3	0.5	59.1	3.1	689	6	2.74	0.10	12.83%
DD004B	DD004B-365	361	362	9273	28.2	5.5	44.5	94	3.1	7246.1	0.4	1962	741	186	8.7	0.5	67.3	3.1	1029	110	2.30	0.15	13.70%
DD004B	DD004B-366	362	363	9292	30	6.2	45	94	3.3	7091.1	0.4	2001	748	193	8.9	0.6	75.3	3.1	941	24	2.29	0.13	13.99%
DD004B	DD004B-367	363	364	8894	35.1	6.7	43.2	93.2	3.9	6774.1	0.5	1854	708	173	9.9	0.6	87	3.7	790	83	2.19	0.11	13.67%
DD004B	DD004B-368	364	365	10673	43.4	9.3	51.6	109	5.1	8561.2	0.6	2195	842	208	12.2	0.9	117	4.7	542	38	2.67	0.08	13.26%
DD004B	DD004B-369	365	366	5432	35.2	9	42.4	92.7	4.3	3274.2	0.7	1618	530	179	9.6	1	109	5.4	1399	579	1.33	0.20	18.88%
DD004B	DD004B-370	366	367	5152	31.6	10	37.3	78.2	4.6	3183.6	0.9	1478	490	162	8.3	1.2	117	6.4	1368	400	1.26	0.20	18.23%
DD004B	DD004B-371	367	368	4952	30.1	8.5	35.9	77.4	4.2	3126	0.8	1411	463	153	8	1.1	106	5.7	1307	465	1.22	0.19	17.99%
DD004B	DD004B-372	368	369	6713	38.1	10.6	50.3	105	5.1	4772.8	0.9	1744	596	199	10.8	1.2	131	6.7	1257	232	1.69	0.18	16.21%
DD004B	DD004B-373	369	370	6064	33.8	9.7	42.2	89.5	4.2	3858.1	0.8	1680	563	181	9.1	1.1	115	6.3	1307	478	1.48	0.19	17.66%
DD004B	DD004B-374	370	371	4946	32.1	9.6	36.9	78.7	4.5	3043.8	0.9	1383	464	153	8.3	1.1	114	6.7	1477	317	1.20	0.21	17.90%
DD004B	DD004B-375	371	372	6181	30.5	8.7	41.9	85.4	3.9	3660.7	0.8	1770	591	184	8.8	1.1	101	5.8	1507	293	1.48	0.22	18.57%
DD004B	DD004B-376	372	373	7327	32.6	7.5	42	93.8	3.9	4320.6	0.6	1890	676	184	9.3	0.8	93.9	4.8	850	213	1.72	0.12	17.42%
DD004B	DD004B-377	373	374	6232	29.1	7.5	44	88.9	3.4	3888.5	0.7	1716	583	183	8.7	0.9	89.1	5.1	895	267	1.52	0.13	17.67%
DD004B	DD004B-378	374	375	5947	36.2	9.8	45.2	93.7	4.7	3812.7	0.9	1643	547	182	9.7	1.1	117	6.5	1003	192	1.46	0.14	17.52%
DD004B	DD004B-379	375	376	9927	48.2	11	67	144	5.9	6842.4	0.9	2443	856	274	14.4	1.2	137	6.4	899	301	2.43	0.13	15.83%
DD004B	DD004B-380	376	377	11434	49.2	12.1	65.3	139	6.1	8447.5	1	2570	946	267	14.4	1.3	151	7.4	639	44	2.82	0.09	14.53%
DD004B	DD004B-381	377	378	7955	40	10.5	52.2	113	5.2	5561	0.9	2012	698	213	11.6	1.2	129	6.6	462	9	1.97	0.07	16.07%
DD004B	DD004B-382	378	379	8362	151.2	40.7	77.8	211	21.2	5853.1	3.3	2200	744	267	32.1	4.7	513	24.8	210	33	2.17	0.03	15.84%
DD004B	DD004B-383	379	380	7130	211.8	59.7	89.1	269	29.9	4660.9	5.3	2071	667	283	43.5	7.5	739	39.7	737	34	1.91	0.11	16.69%
DD004B	DD004B-384	380	381	7503	41.9	10.6	55.9	117	5	5192.3	0.9	1944	667	221	11.7	1.1	128	6.6	665	34	1.86	0.10	16.36%
DD004B	DD004B-385	381	382	5673	38.7	10	49.7	105	4.7	3632.4	0.8	1624	527	193	11.2	1	115	6.1	1873	157	1.40	0.27	17.88%
DD004B	DD004B-386	382	383	5247	37.4	9	46	96.9	4.7	3367	0.8	1504	491	174	10.2	1.1	111	6.1	1788	169	1.30	0.26	17.90%
DD004B	DD004B-387	383	384	6189	35.6	9.6	57.7	119	4.7	3673.7	0.8	1957	617	235	11.3	1	116	6.4	1315	33	1.53	0.19	19.68%
DD004B	DD004B-388	384	385	7449	26.1	6.8	47.3	97.7	3.2	5558.1	0.6	1831	638	203	8.2	0.8	82.2	4.7	301	75	1.87	0.04	15.42%
DD004B	DD004B-389	385	386	7524	22.5	6.9	46.6	89.6	2.9	5906.4	0.6	1818	635	201	7.4	0.7	75	4.2	559	93	1.91	0.08	14.96%
DD004B	DD004B-390	386	387	3605	20.3	6.9	29.1	57.1	2.9	2050.8	0.6	1188	368	132	5.4	0.8	80.7	4.2	865	384	0.88	0.12	20.66%
DD004B	DD004B-391	387	388	3518	23.7	8	27.7	55.1	3.5	1985.2	0.7	1173	362	129	5.7	0.9	96.4	5.5	1132	231	0.87	0.16	20.69%
DD004B	DD004B-392	388	389	4607	20.9	7	32.1	59.3	3.1	2705.9	0.6	1449	462	148	5.6	0.9	80.3	4.7	2527	244	1.12	0.36	19.88%
DD004B	DD004B-393	389	390	4472	22.2	7.6	35.3	66.4	3.3	2631.1	0.7	1436	448	158	6	0.9	89.9	5.2	1472	336	1.10	0.21	20.01%
DD004B	DD004B-394	390	391	5899	29.8	9.8	43.2	84.3	4.3	3751.5	0.9	1711	556	189	8	1.2	114	6.7	1687	46	1.45	0.24	18.20%
DD004B	DD004B-395	391	392	6301	76.9	25.2	60.8	141	11.8	4074.9	2.2	1772	581	230	16.9	3.1	308	16.7	1545	30	1.60	0.22	17.20%
DD004B	DD004B-396	392	393	5488	76.7	27	63.6	147	12.1	3253.2	2.3	1733	541	237	16.9	3.2	325	18.3	1616	10	1.40	0.23	18.95%
DD004B	DD004B-397	393	394	3686	25.3	9.1	31.9	63.1	4	2222	0.8	1162	366	133	6.3	1.1	109	6.2	2134	361	0.92	0.31	19.46%
DD004B	DD004B-398	394	395	3630	30.3	9.9	30.8	67.6	4.8	2228.6	1	1094	353	129	7.3	1.2	128	7.7	1030	229	0.91	0.15	18.66%
DD004B	DD004B-399	395	396	3643	30.6	10.8	31.4	65.3	4.9	2229.2	0.9	1103	355	124	7.1	1.3	128	7	1053	183	0.91	0.15	18.76%
DD004B	DD004B-400	396	397	4061	27.7	8.2	34.8	69.9	3.8	2432.1	0.7	1265	401	145	7.1	0.9	100	5.4	678	393	1.00	0.10	19.39%
DD004B	DD004B-401	397	398	3595	25.2	8.5	29.7	62.1	4	2160.4	0.8	1087	350	125	6.3	1.1	104	6.1	813	471	0.88	0.12	19.02%
DD004B	DD004B-402	398	399	3327	87.7	34.7	51.9	134	14.6	1915.7	3.5	1116	340	174	17.5	4.9	404	27.3	908	1104	0.90	0.13	18.91%
DD004B	DD004B-403	399	400	2736	31.1	11.3	29.4	64.4	4.8	1669.8	1	905	276	113	7.2	1.4	137	7.9	1159	516	0.70	0.17	19.61%
DD004B	DD004B-404	400	401	5729	37.6	11.5	48.1	100	5.3	3294.2	0.9	1803	576	204	9.7	1.3	136	6.9	1806	282	1.40	0.26	19.82%
DD004B	DD004B-405	401	402	7959	43.7	13.2	53.7	110	6.3	5418.5	1	2090	713	224	11.4	1.5	155	7.8	2531	256	1.97	0.36	16.62%
DD004B	DD004B-406	402	403	6650	42.1	11.8	50.9	106	5.9	4409.9	0.9	1814	610	200	10.7	1.4	147	7.1	1820	109	1.65	0.26	17.17%
DD004B	DD004B-407	403	403.71	7555	39.1	12.4	49.1	102	5.8	5267.6	1	1884	660	202	10.5	1.4	148	7.6	1351	218	1.87	0.19	15.90%
DD004B	DD004B-408	403.71	405	2430	52.7	19.6	25.9	69.5	8.8	1447.7	1.9	716	232	86.8	10.3	2.7	234	15.3	749	349	0.63	0.11	17.60%
DD004B	DD004B-409	405	406	1506	42	15.8	21	56.8	6.9	719.4	1.5	529	161	70.5	8.2	1.8	194	1					



Drill Collar DD004B (cont.)

Hole_ID	Sample No	Depth_From (m)	Depth_To (m)	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	La ppm	Lu ppm	Nd ppm	Pr ppm	Sm ppm	Tb ppm	Tm ppm	Y ppm	Yb ppm	Nb ppm	Mo ppm	TREO%	Nb2O5%	NdPr%
DD004B	DD004B-441	434.5	435.5	4518	20.8	4.3	32.9	69.2	2.4	3313.4	0.3	1095	388	124	6.6<0.5	54.7	2.6	1676	65	1.13	0.24	15.35%	
DD004B	DD004B-442	435.5	436.5	12487	28.8	5.1	56.8	119	2.7	10956	0.4	2369	959	225	10.1<0.5	63.7	2.9	105	5	3.20	0.02	12.16%	
DD004B	DD004B-443	436.5	437.5	7250	21.7	4.5	41.3	83.1	2.5	5725.1	0.4	1593	580	165	7.2<0.5	56.8	2.8	25	3	1.82	0.00	13.94%	
DD004B	DD004B-444	437.5	438.5	10906	45.5	12.1	58.3	126	5.8	9259	0.9	2296	855	232	12.7	1.2	151	7	552	27	2.81	0.08	13.10%
DD004B	DD004B-445	438.5	439.1	6978	64.9	18.7	69	146	9.3	4075.4	1.3	2216	690	265	15.5	2	228	10	125	6	1.73	0.02	19.58%
DD004B	DD004B-446	439.1	439.82	5940	70.1	21.4	63.9	142	10.7	3366.6	1.5	1957	600	248	15.8	2.1	268	11.8	835	12	1.49	0.12	20.02%
DD004B	DD004B-447	439.82	441	7015	69.4	19.8	61.8	143	9.9	4909.5	1.4	1910	631	231	16.2	2.1	243	10.9	2972	16	1.79	0.43	16.57%
DD004B	DD004B-448	441	442	5402	74.1	20.9	60.6	144	10.7	3228.9	1.4	1717	537	219	16.4	2.2	270	10.6	1399	14	1.37	0.20	19.16%
DD004B	DD004B-449	442	443	5404	68.9	19.3	61.4	140	9.8	3226.2	1.2	1750	539	226	15.9	2	244	9.2	2394	131	1.37	0.34	19.45%
DD004B	DD004B-450	443	443.83	5095	57	17	56.2	124	8.3	2797.4	1.1	1728	530	216	13.2	1.8	210	8.9	2557	178	1.27	0.37	20.70%
DD004B	DD004B-451	443.83	445.1	6559	92.9	28.4	77.1	176	14	3775.6	1.8	2162	661	280	20.5	2.9	349	14.1	721	25	1.67	0.10	19.77%
DD004B	DD004B-452	445.1	445.6	6807	98.9	29.7	80.9	187	14.9	4078	1.9	2230	687	297	21.5	3.1	369	14.8	869	26	1.75	0.12	19.46%
DD004B	DD004B-453	445.1	446	6236	36.3	10.4	45.4	94.9	5.1	4270.8	0.9	1642	553	181	9.3	1.1	126	6.8	4389	293	1.55	0.63	16.55%
DD004B	DD004B-454	446	447	6148	49.6	13.8	54.7	119	7	3958.2	1	1778	578	216	12	1.6	171	7.8	1901	53	1.54	0.27	17.90%
DD004B	DD004B-455	447	448	6584	68.1	19.8	67.2	150	9.8	4251	1.3	1985	633	251	16.1	2	251	10.6	1000	5	1.68	0.14	18.24%
DD004B	DD004B-456	448	449	4742	70.7	18.5	63.8	146	10	2324.6	1.1	1687	483	230	17	1.9	241	8.5	812	2	1.15	0.12	22.10%
DD004B	DD004B-457	449	450	3634	79.6	24	62	146	12	1847.1	1.5	1464	403	215	17.6	2.6	305	11.7	1562	5	0.96	0.22	22.59%
DD004B	DD004B-458	450	451	3887	71.8	21.6	60.4	140	11.1	1985.8	1.4	1521	426	217	16.1	2.3	279	10.9	1846	8	1.01	0.26	22.39%
DD004B	DD004B-459	451	452	3918	68	19.9	62.7	142	10.2	1920	1.1	1588	441	226	16.1	2	249	9	1203	6	1.02	0.17	23.30%
DD004B	DD004B-460	452	452.68	3607	64.4	19.7	57.4	132	9.4	1770.7	1.1	1526	412	211	14.8	2	236	8.5	1397	4	0.95	0.20	23.91%
DD004B	DD004B-461	452.68	453.68	901.9	46.7	19.5	53.9	8.6	445	1.5	366	100	62.6	8.1	22	231	11.5	375	324	0.27	0.05	20.27%	
DD004B	DD004B-462	453.68	454.5	1807	71.4	22.8	32.4	89.5	11.3	948.7	1.4	649	187	102	12.9	2.4	295	11.3	699	178	0.50	0.10	19.56%
DD004B	DD004B-463	454.5	455.5	1267	46.9	15.1	19.3	55.9	7.5	685.2	0.9	428	127	65	8.5	1.6	197	7.1	712	82	0.34	0.10	18.77%
DD004B	DD004B-464	455.5	456.5	1743	117.7	37.4	36.6	121	18.8	996.3	2.7	586	173	100	20.5	4.3	467	21.1	907	32	0.52	0.13	16.90%
DD004B	DD004B-465	456.5	457.5	1920	70.1	21.8	36.7	99.2	10.8	848.6	1.3	791	222	118	14.1	2.3	274	9.9	748	99	0.52	0.11	22.67%
DD004B	DD004B-466	457.5	457.5	1874	63.7	19.6	34	91.7	9.6	826.1	1.1	773	215	118	12.6	2	244	9	720	94	0.50	0.10	22.86%
DD004B	DD004B-467	457.5	458.7	2921	53.2	14.2	39.2	95.8	7.6	1434.2	0.8	1072	318	146	11.6	1.3	188	6	840	317	0.74	0.12	21.92%
DD004B	DD004B-468	458.7	459.8	3059	36.9	9.7	24.1	62.3	5.1	1163.4	0.6	619	198	82.7	7.8	0.9	132	4.4	1888	538	0.52	0.27	18.50%
DD004B	DD004B-469	459.8	460.6	2461	35.2	9.6	27	65.5	5.1	1542.7	0.6	717	230	97.8	7.9	1	130	5	772	301	0.63	0.11	17.66%
DD004B	DD004B-470	460.6	461.3	2343	32.5	9.1	28.5	67.1	4.8	1419.4	0.5	706	221	99.4	7.7	1	120	4.3	1377	768	0.59	0.20	18.22%
DD004B	DD004B-471	461.3	462.15	5644	57.1	15.1	61.7	137	7.8	3427	1	1811	555	229	14.4	1.6	198	8	1427	26	1.43	0.20	19.37%
DD004B	DD004B-472	462.15	463	3687	51.6	15.1	53.6	119	7.3	1915.3	1	1411	396	195	12.4	1.6	187	7.7	1655	17	0.94	0.24	22.35%
DD004B	DD004B-473	463	464.2	2521	42.3	11.9	37	87	6	1295.8	0.7	976	275	132	9.9	1.2	153	5.7	4914	12	0.65	0.70	22.42%
DD004B	DD004B-474	464.2	465	4092	69.3	21.1	63.6	144	10.1	2051.7	1.2	1618	456	227	16.2	2.1	253	9.3	652	6	1.06	0.09	22.86%
DD004B	DD004B-475	465	466	3796	69.5	21.2	63.3	143	10.1	1908	1.3	1560	427	227	15.9	2.2	258	10.3	423	6	1.00	0.06	23.24%
DD004B	DD004B-476	466	467	4280	61.6	17.7	59.4	137	8.9	2333.9	1.1	1585	451	218	14.6	1.7	221	8.5	1791	12	1.10	0.26	21.57%
DD004B	DD004B-477	467	468	4409	68.2	19.1	63.7	144	9.7	2170.2	0.9	1709	487	236	15.7	1.9	242	7.3	1784	3	1.12	0.26	22.81%
DD004B	DD004B-478	468	469	3924	66.9	18.6	61.4	143	9.7	1979.1	1	1580	438	225	15.4	1.8	230	7.6	3092	2	1.02	0.44	23.09%
DD004B	DD004B-479	469	470	3974	66.4	18	62.8	140	9.5	1979.5	0.9	1608	443	227	15.9	1.8	229	7.2	2187	3	1.03	0.31	23.25%
DD004B	DD004B-480	470	470	4055	60.8	16.1	63.7	138	8.6	2000.2	0.8	1605	445	227	15	1.5	202	6.3	686	3	1.04	0.10	23.08%
DD004B	DD004B-481	470	471	4049	65	17.7	61.7	138	9.3	2004.9	1	1612	446	226	15.2	1.8	227	7.9	948	3	1.04	0.14	23.08%
DD004B	DD004B-482	471	472	3131	72	22.8	53	125	11	1493.3	1.3	1254	349	185	15.4	2.3	282	10.1	1336	2	0.82	0.19	22.76%
DD004B	DD004B-483	472	473	3337	67.5	20	53.6	126	10	1687.6	1	1354	373	193	14.9	2	245	8.2	4308	2	0.88	0.62	22.94%
DD004B	DD004B-484	473	474	3350	63.2	18.2	55.5	129	9.6	1648	0.9	1379	377	198	14.8	1.8	233	7.5	4102	2	0.88	0.59	23.36%
DD004B	DD004B-485	474	475	3535	65.4	19.4	53.8	127	9.9	1626.1	1	1361	373	192	14.8	1.9	239	7.9	5943	2	0.87	0.85	23.18%
DD004B	DD004B-486	475	476	3777	63.7	18.8	53.8	126	9.5	1646.2	1	1382	377	194	14.4	1.8	230	7.6	3786	1	0.88	0.54	23.33%
DD004B	DD004B-487	476	477	3248	66.8	19.2	53.6	123	10.2	1589.9	1	1329	364	191	14.4	1.8	245	7.6	3564	<1	0.85	0.51	23.20%
DD004B	DD004B-488	477	478	3351	71.4	21.1	56.1	131	11.2	1632.7	1	1366	375	200	15.6	2	265	8.1	2908	2	0.88	0.42	23.09%
DD004B	DD004B-489	478	479	3110	60.3	17.5	49.9	119	8.9	1507.3	0.9	1268	345	181	13.8	1.7							

## Drill Collar DD004B (cont.)

Hole_ID	Sample No	Depth_From (m)	Depth_To (m)	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	La ppm	Lu ppm	Nd ppm	Pr ppm	Sm ppm	Tb ppm	Tm ppm	Y ppm	Yb ppm	Nb ppm	Mo ppm	TREO%	Nb2O5%	NdPr%
DD004B	DD004B-521	507	508	2971	53.3	14.8	50.8	116	7.8	1518.4	0.9	1321	355	189	12.7	1.5	192	7.2	1328	2	0.80	0.19	24.50%
DD004B	DD004B-522	508	509	2884	54.1	15.1	48.3	112	7.9	1439.5	0.9	1200	326	178	12.7	1.6	197	7.1	2267	3	0.76	0.32	23.45%
DD004B	DD004B-523	509	510	3044	52.1	14.8	49.9	111	7.6	1488.6	0.9	1252	339	182	12.4	1.6	190	7	5001	3	0.79	0.72	23.46%
DD004B	DD004B-524	510	511	3215	49.9	14.1	51.9	112	7.3	1582.5	0.9	1349	364	196	12.3	1.4	178	6.8	3978	1	0.84	0.57	23.88%
DD004B	DD004B-525	511	512	3081	47.7	13.2	49.2	106	6.8	1515.8	0.8	1301	348	183	11.8	1.4	172	6.2	2988	3	0.80	0.43	23.99%
DD004B	DD004B-526	512	513	3014	56	16.1	47.7	107	8.1	1476.8	0.9	1264	341	175	12.6	1.7	199	7.2	3560	1	0.79	0.51	23.75%
DD004B	DD004B-527	513	514	4244	62.4	17.1	54.5	121	8.7	2345.4	1.1	1574	452	205	14.2	1.8	222	8.5	1061	1	1.09	0.15	21.63%
DD004B	DD004B-528	514	515	3862	58	16.4	51.1	115	8.4	2109.8	1.1	1420	410	189	13.6	1.7	211	8.4	220	<1	0.99	0.03	21.50%
DD004B	DD004B-529	515	516	3247	69.8	19	51.4	122	9.7	1750.2	1.2	1243	350	180	15.9	2.1	256	9.7	3211	<1	0.86	0.46	21.63%
DD004B	DD004B-530	516	517	3209	61.6	17.5	49.5	114	8.8	1632.4	1.1	1299	362	181	14.4	1.8	224	8.8	2734	2	0.84	0.39	23.01%
DD004B	DD004B-531	517	518	3071	63.5	19.4	49.8	114	9.4	1507.7	1.3	1287	348	185	14.1	2.1	241	9.9	2150	3	0.81	0.31	23.51%
DD004B	DD004B-532	518	519	3271	61.8	18.6	50.9	115	9.2	1615	1.3	1324	371	185	13.9	1.9	240	10	1803	3	0.85	0.26	23.15%
DD004B	DD004B-533	518	519	3409	73.1	20.4	53.7	130	10.5	1688.1	1.3	1408	386	196	16.1	2.2	265	10.5	101	4	0.90	0.01	23.28%
DD004B	DD004B-534	519	520	3091	78.9	22.6	50.8	122	11.4	1507.7	1.5	1288	352	181	16.4	2.4	289	11.6	117	1	0.82	0.02	23.22%
DD004B	DD004B-535	520	521	3392	94.2	28.1	61.2	143	14	1624.6	1.8	1441	388	213	19.4	3	349	14.2	825	2	0.91	0.12	23.36%
DD004B	DD004B-536	521	522.45	3136	51	14.1	45.4	101	7.1	1569.1	0.9	1253	350	171	11.6	1.4	175	7.1	1162	23	0.81	0.17	23.16%
DD004B	DD004B-537	522.45	523.5	1003	28.7	10	13.3	33.8	4.8	527.6	0.8	341	101	48	5.1	1.2	124	6.7	1161	58	0.26	0.17	19.54%
DD004B	DD004B-538	523.5	524.5	4918	64.9	15.9	61.7	138	8.7	2701.9	1	1757	516	232	16.1	1.6	212	8	2144	250	1.25	0.31	21.26%
DD004B	DD004B-539	524.5	525.5	6915	69.7	18	70.8	153	9.2	4013.5	1.1	2259	695	274	16.9	1.7	226	8.6	1591	242	1.73	0.23	19.98%
DD004B	DD004B-540	525.5	526.4	6532	53.4	12.7	56.6	120	6.8	4306.8	0.8	1882	609	222	13.4	1.3	171	6.3	1539	1474	1.64	0.22	17.73%
DD004B	DD004B-541	526.4	527.5	6405	54.4	14.8	52.3	118	7.5	4700.6	1	1676	560	198	13.4	1.7	188	8.3	1466	646	1.64	0.21	15.92%
DD004B	DD004B-542	527.5	528.5	5138	96.7	35.9	72.2	161	16.4	2674.6	2.2	1940	563	265	19.5	3.9	420	17.4	1705	23	1.34	0.24	21.79%
DD004B	DD004B-543	528.5	529.5	7037	96.7	35.8	65.2	156	16	4647.4	2.3	2024	648	245	19.4	3.9	420	17.7	2307	12	1.81	0.33	17.23%
DD004B	DD004B-544	529.5	530.47	3440	93.4	45.1	58.1	136	17.8	1679.1	3.6	1420	386	207	17.7	6.1	279	28.7	564	5	0.94	0.08	22.37%
DD004B	DD004B-545	530.47	531.22	418.7	11.6	4.5	8.6	20	1.9	205	0.4	176	48.1	27.4	2.5	0.6	53.7	3.4	70	41	0.12	0.01	22.67%
DD004B	DD004B-546	531.22	531.88	3285.2	11.8	4.3	7	18.3	1.9	190.4	0.4	163	43.8	24.8	2.3	0.6	49.3	3	65	32	0.11	0.01	22.65%
DD004B	DD004B-547	531.22	532	3309	35.9	8.8	52.5	109	4.6	1565.6	0.5	1446	388	199	10.4	0.8	114	3.7	2679	4	0.85	0.38	25.22%
DD004B	DD004B-548	532	533	3316	41.8	10.9	53	114	5.7	1606.2	0.5	1405	377	192	11.5	1	138	4.3	3841	4	0.85	0.55	24.41%
DD004B	DD004B-549	533	534	2903	47.4	12.2	47.9	104	6.8	1404.5	0.7	1219	328	175	11.5	1.3	161	5.5	6319	4	0.75	0.90	23.97%
DD004B	DD004B-550	534	534.75	3012	40.7	10.5	48.3	102	5.4	1452.2	0.6	1280	342	185	10.4	1.1	133	4.7	3861	3	0.78	0.55	24.39%
DD004B	DD004B-551	534.75	535.5	2959	49.8	13.5	50.7	110	6.8	1419.8	0.7	1278	339	188	12.1	1.3	170	5.6	3577	3	0.77	0.51	24.38%

## Drill Collar DD004C

Hole_ID	Sample No	Depth_From (m)	Depth_To (m)	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	La ppm	Lu ppm	Nd ppm	Pr ppm	Sm ppm	Tb ppm	Tm ppm	Y ppm	Yb ppm	Nb ppm	Mo ppm	TREO%	Nb2O5%	NdPr%
DD004C	DD004C-001	0	1	10223	38	10.9	51.9	106.5	5.3	7761	0.8	2232	835.6	220.2	10.2	1.1	129.6	5.9	1110	48	2.53	0.16	14.13%
DD004C	DD004C-002	1	2	10356	34.5	9.2	50.4	105.4	4.6	7953	0.6	2187	833.9	208.8	10.1	0.9	112.8	4.6	529	28	2.56	0.08	13.77%
DD004C	DD004C-003	2	3	11450	40	10.1	61.5	128.8	4.9	8455	0.7	2464	926.9	247.4	12	1	116.9	4.9	1185	43	2.80	0.17	14.13%
DD004C	DD004C-004	3	4	9470.8	34.1	9.9	49.7	101.2	4.6	6973	0.7	2129	783.7	207.5	9.5	1	115	5	931	152	2.33	0.13	14.59%
DD004C	DD004C-005	4	5	10865	33.1	9.5	52.5	108.7	4.7	8274	0.7	2358	895.5	231.1	9.8	1	114.6	5	1365	189	2.69	0.20	14.12%
DD004C	DD004C-006	5	6	9045.6	38.2	10.5	48.9	103.9	5	6997	0.7	1980	742.4	197.6	10.4	1	121.2	4.9	474	75	2.26	0.07	14.05%
DD004C	DD004C-007	6	7	11363	31.8	8.6	54.8	112.4	4.2	9025	0.5	2360	916.8	231.2	9.9	0.8	97.9	4	65	20	2.84	0.03	13.49%
DD004C	DD004C-008	7	8	9679.3	27.8	7.5	49.6	98	3.4	7977	0.5	2081	782.4	204.6	8.6	0.8	90	3.8	257	27	2.42	0.04	13.83%
DD004C	DD004C-009	8	9	7363.4	48.8	15.2	45.4	99.8	7.1	5276	1.1	1685	615.4	178.5	11.1	1.6	182.6	7.9	1829	455	1.82	0.26	14.75%
DD004C	DD004C-010	9	10	7895.4	58.5	18.2	48.1	112.3	8.4	6013	1.3	1824	663.1	190.6	13	2	213.8	9.6	1718	477	2.00	0.25	14.51%
DD004C	DD004C-011	10	11	9764.6	38.6	11.7	48.3	101.3	5.4	7692	0.7	2030	775.6	202.2	10.3	1.1	136.6	5.3	1652	440	2.44	0.24	13.43%
DD004C	DD004C-012	11	12	10351	39.8	11.9	48.8	103.8	5.7	8255	0.8	2127	822	210.4	10.5	1.2	139.9	5.6	1844	355	2.59	0.26	13.28%
DD004C	DD004C-013	12	13	11299	43.7	11.9	54.7	110.7	5.7	9161	0.7	2578	1072	227.9	11.4	1.2	145.8	5.1	2353	591	3.09	0.34	13.80%
DD004C	DD004C-014	13	14	11897	45	12.2	56.2	119.7	6.2	8049	0.8	2463	985.2	230.9	11.8	1.2	144.7	6.1	4051	1567	2.81	0.58	14.30%
DD004C	DD004C-015	13	14																				



Drill Collar DD004C (cont.)

Hole_ID	Sample No	Depth_From (m)	Depth_To (m)	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	La ppm	Lu ppm	Nd ppm	Pr ppm	Sm ppm	Tb ppm	Tm ppm	Y ppm	Yb ppm	Nb ppm	Mo ppm	TREO%	Nb2O5%	NdPr%
DD004C	DD004C-041	37	37.9	7634.6	39.9	13.2	46.9	96.6	6	4970	1	1886	672.7	196.1	9.6	1.5	146.8	7	789	563	1.84	0.11	16.21%
DD004C	DD004C-042	37.9	38.9	3277.2	19.2	5.9	25.6	51	2.7	1565	0.6	1027	337.5	113.8	4.8	0.7	64.8	4	74	196	0.76	0.01	20.92%
DD004C	DD004C-043	38.9	39.9	4292	25.5	7.7	32.8	66.4	3.8	2174	0.6	1323	438.1	144.3	6.3	0.8	85.8	4.7	116	216	1.01	0.02	20.40%
DD004C	DD004C-044	39.9	41	8846.7	45.6	14.7	55.8	113.4	6.8	6610	1.1	2187	760.6	242	11.1	1.6	165.9	7.7	308	453	2.23	0.04	15.40%
DD004C	DD004C-045	41	42	3479.3	20.6	5.9	27.5	54.9	2.9	1735	0.5	1101	359.4	121.3	5.2	0.6	65	3.9	24	141	0.82	0.00	20.85%
DD004C	DD004C-046	42	43	1443.4	16.7	5.6	16.4	34.1	2.6	564	0.5	575	165	72.7	3.5	0.6	64	3.8	10	7	0.35	0.00	24.84%
DD004C	DD004C-047	43	44	1410.6	16.5	6.8	15.4	30.4	2.8	540.5	0.7	568.8	165	66.9	3.3	0.8	71.3	4.8	20	10	0.34	0.00	25.16%
DD004C	DD004C-048	44	45	2282.2	14.6	4.8	20.2	39.6	2.1	1068	0.5	750.8	240.6	91.2	3.7	0.6	50.8	3.3	69	120	0.54	0.01	21.61%
DD004C	DD004C-049	45	46	12285	57.5	20	60.9	126.8	8.7	9537	1.5	2655	1030	257.8	13.3	2.2	213.4	10.8	1790	272	3.08	0.26	13.97%
DD004C	DD004C-050	46	47	6789.5	44.8	16.2	39.6	83.7	7.2	4507	1.4	1614	593.2	163.5	9.5	2	174.3	10.1	1551	449	1.65	0.22	15.64%
DD004C	DD004C-051	47	47.9	11080	61.4	20.2	57.1	126.2	9.3	8723	1.6	2350	926	236.2	14.3	2.3	224.1	11.7	1520	293	2.79	0.22	13.69%
DD004C	DD004C-052	47	47.9	10871	61.1	20.6	56.7	124.2	9.3	8532	1.5	2337	905.8	236.1	14	2.3	222.2	11.1	1543	201	2.74	0.22	13.80%
DD004C	DD004C-053	47.9	48.9	10525	55	19.4	52.8	113.6	8.4	8370	1.7	2284	875.6	222.6	12.4	2.1	210.3	12.4	385	105	2.67	0.06	13.83%
DD004C	DD004C-054	48.9	50	11311	44.2	13.7	55.3	112.5	6.3	8869	1	2412	934	234.8	11.2	1.4	154.3	7.4	586	40	2.83	0.08	13.80%
DD004C	DD004C-055	50	51	12478	39.9	12.4	49.5	100.5	5.6	9965	0.9	2437	991.5	216.5	10.3	1.3	137.7	6.7	551	57	3.10	0.08	12.92%
DD004C	DD004C-056	51	52	11398	41.9	13	54.6	110.4	5.9	8945	1	2373	907.4	235.2	10.7	1.4	147.9	7.3	682	77	2.84	0.10	13.48%
DD004C	DD004C-057	52	53.08	12144	49.4	15.6	56.2	114.2	7.3	71108	1.2	2466	973.2	239.6	12	1.6	178.4	8.9	1570	164	3.09	0.22	12.99%
DD004C	DD004C-058	53.08	54	5251.4	67.8	24.2	50.4	116.7	11.1	21	1668	542.4	194	13.8	2.8	280	15.1	432	164	1.29	0.06	20.01%	
DD004C	DD004C-059	54	55	5317.7	82.4	29.5	57.8	137.6	13	2796	3.2	1758	552.7	218.1	17.3	3.8	343.4	23	139	35	1.33	0.02	20.26%
DD004C	DD004C-060	55	56	5849.2	74.6	25	49.9	118.6	12.1	4272	2	1532	518.3	182.5	15.1	2.8	310.2	14.7	1199	44	1.52	0.17	15.73%
DD004C	DD004C-061	56	57.35	5360.3	58.2	20	46.3	102.2	9.4	3544	1.7	1536	502.3	184	12.1	2.2	239.8	12.4	1617	580	1.36	0.23	17.45%
DD004C	DD004C-062	57.35	58.3	7263.7	68.8	28.4	57	124.3	11.8	4405	2.7	2208	710	240.6	14.1	3.5	300.8	19.4	420	6	1.81	0.06	18.80%
DD004C	DD004C-063	58.3	59.2	7445.7	50.6	17.8	45.6	97.5	7.8	5293	1.5	1830	644.2	188.4	11.1	1.9	200.3	11.2	450	4	1.86	0.06	15.56%
DD004C	DD004C-064	59.2	60.15	8975.6	45.8	16.1	45	99.1	7.2	7225	1.4	1916	719.1	189.8	10.8	1.8	179.8	10	709	23	2.28	0.10	13.50%
DD004C	DD004C-065	60.15	61.13	8810.3	76.3	26.6	58.4	135.9	12.3	6568	2.3	2118	747.7	234.5	16.2	3.1	317.1	16.6	1680	33	2.24	0.24	14.91%
DD004C	DD004C-066	60.15	61.13	6766	60.5	21.2	46.3	107.5	9.7	5107	1.8	1653	578.9	184.1	13.2	2.5	254.3	13.4	1350	24	1.74	0.19	15.00%
DD004C	DD004C-067	61.13	62.3	9430.8	79.4	28.4	70.4	156.9	13	6910	2.8	2349	813.4	277.1	17.9	3.4	337.1	20.8	1826	182	2.40	0.26	15.36%
DD004C	DD004C-068	62.3	63	2450.6	43.8	15.4	28.8	68.8	7.3	1541	1.3	740.1	233.1	101.9	8.6	1.7	186.7	9.4	1186	678	0.64	0.17	17.80%
DD004C	DD004C-069	63	64	5259.2	48.2	17.2	39.4	90.7	7.6	3989	1.6	1255	439.7	144.4	10.6	1.9	195.6	11.4	2694	615	1.35	0.39	14.66%
DD004C	DD004C-070	64	65	7302.6	70.2	28.3	52.4	116.1	11.9	4808	2.5	1997	674	216.9	14.1	3.5	310.2	18.6	1749	483	1.83	0.25	17.02%
DD004C	DD004C-071	65	66	6893.2	39.6	15.4	40.9	85.5	6.5	5162	1.6	1623	586	171.2	9	2	173.9	11.3	154	34	1.74	0.02	14.85%
DD004C	DD004C-072	66	67	9870.1	76.4	26.1	78	165.7	12	6235	2.1	2811	963.2	320.2	17.8	2.9	300	15.7	950	207	2.45	0.14	17.99%
DD004C	DD004C-073	67	68	6316.5	45.3	14	43.3	94.5	6.5	3268	1.1	1865	633.5	192.1	10.4	1.5	163.5	8	178	198	1.48	0.03	19.66%
DD004C	DD004C-074	68	69	2441.7	15.5	5.5	18	36.4	2.4	1122	0.5	784.9	253.4	81.3	3.9	0.6	60.8	3.5	93	104	0.57	0.01	21.42%
DD004C	DD004C-075	69	70	2421.1	69.9	23.2	37.6	100.6	11.3	1083	1.5	876.1	264.5	130.3	12.8	2.3	271.3	11	51	15	0.62	0.01	21.33%
DD004C	DD004C-076	70	71	3741.4	61.4	20.1	43.3	101.7	9.6	1801	1.4	1306	402.2	171.2	12.4	2.2	242	10.1	73	56	0.93	0.01	21.46%
DD004C	DD004C-077	71	72	3756.7	21.4	6.8	24.1	51.5	2.9	1812	0.6	1162	385.4	111.6	5.2	0.7	70.4	4.1	109	66	0.87	0.02	20.80%
DD004C	DD004C-078	72	72	9884.9	48	15.4	59.3	120.9	7.1	6049	1.3	2602	946.3	254.9	12	1.7	179.5	9.3	984	494	2.37	0.14	17.51%
DD004C	DD004C-079	72	73	10270	48.7	15.9	61.2	125.5	7.2	6257	1.2	2694	978.2	269.4	12.1	1.8	180.3	8.8	990	509	2.45	0.14	17.49%
DD004C	DD004C-080	73	74	2315.2	16.9	6.7	17.8	39.2	2.7	1166	0.8	663.4	226.3	74.7	4	0.9	66.6	5.7	182	164	0.54	0.03	19.24%
DD004C	DD004C-081	74	75	8899.6	51.7	17.7	54.1	117.2	7.8	6345	1.4	2097	759.1	216.6	12.2	2.1	193.7	10.4	1589	118	2.20	0.23	15.15%
DD004C	DD004C-082	75	75	7141.8	27.1	9.8	37.9	74.7	4	4471	0.9	1812	639.8	172.3	6.8	1.1	106.7	6.7	1003	180	1.70	0.14	16.87%
DD004C	DD004C-083	75.93	77	6305.5	51.1	18.3	50.5	106.9	8.1	1659	568.8	199.6	11.3	2	206.4	11	544	99	1.60	0.08	16.31%		
DD004C	DD004C-084	77	78.3	7372.2	41.3	13.2	46	95.4	6.1	5339	1.1	1845	643.2	202.3	10	1.5	151.7	8	1005	208	1.85	0.14	15.71%
DD004C	DD004C-085	78.3	79.5	5773	106.3	41.3	16.5	18.6	39.3	3.6	1855	579.3	252.4	20.9	5.1	467.3	26.4	1036	45	1.50	0.15	18.95%	
DD004C	DD004C-086	79.5	80.5	7041.5	24.5	9.5	37.7	67	3.9	4351	0.9	1940	662.1	187.8	6.1	1.1	102.5	6.7	760	43	1.69	0.11	17.96%
DD004C	DD004C-087	80.5	81.4	7324.7	33	12.3	39	78.8	5	5371	1	1663	610.9	164.2	7.7	1.3	131.2	7.3	492	97	1.81	0.07	14.66%
DD004C	DD004C-088	81.4	82	7430.4	50.2	16.4	52	109.4	7.7	5463	1.2	1777	628.3	202.4	11.3	1.7	1						



Drill Collar DD004C (cont.)

Hole_ID	Sample No	Depth_From (m)	Depth_To (m)	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	La ppm	Lu ppm	Nd ppm	Pr ppm	Sm ppm	Tb ppm	Tm ppm	Y ppm	Yb ppm	Nb ppm	Mo ppm	TREO%	Nb2O5%	NdPr%
DD004C	DD004C-121	111	112	1920.5	60.7	23	29.5	78.4	10.4	1131	2.1	610.3	187.4	96.1	11	2.8	300.6	15.4	635	93	0.53	0.09	17.68%
DD004C	DD004C-122	112	113	7015.4	38.8	13.2	44.4	93.4	5.8	4940	1.1	1712	602.1	191	9.6	1.4	158.4	8.3	3204	268	1.74	0.46	15.54%
DD004C	DD004C-123	113	114	5905.7	31	10.3	35.1	72.8	4.7	4145	1	1450	509.2	153.2	7.3	1.3	126.4	7.6	2358	59	1.46	0.34	15.67%
DD004C	DD004C-124	114	114.9	1692.7	23.1	8.6	15.2	38.2	3.8	1157	1	451.2	148.8	55.4	4.7	1.1	105.5	7.3	1808	113	0.44	0.26	16.08%
DD004C	DD004C-125	114.9	115.9	452.2	23.2	10.2	11.4	33	4.2	235.5	1.3	193	51	36.8	4.4	1.5	119	9.6	666	164	0.14	0.10	20.37%
DD004C	DD004C-126	115.9	116.95	736.4	39	20.4	12.6	36.6	7.8	409.5	2.4	256.6	75.6	40.7	6	2.7	217.6	17.6	464	90	0.22	0.07	17.46%
DD004C	DD004C-127	116.95	118	744.7	43.3	20.8	14.5	45	8.1	385.6	2.5	284.2	80.2	46.7	6.9	3	231.5	18.3	570	27	0.23	0.08	18.62%
DD004C	DD004C-128	118	118.9	639.2	22.9	10	9.4	26	3.9	331.3	1.2	232.2	67.1	33.2	4	1.4	115.3	8.7	333	106	0.18	0.05	19.72%
DD004C	DD004C-129	118.9	120	4292.8	34.9	11.5	26.6	63.2	5.2	3377	1.1	964.4	350.5	105	7.7	1.3	144.4	7.7	1007	84	1.10	0.14	13.94%
DD004C	DD004C-130	120	121	2611.9	44	17.1	22.2	57.2	7.5	1797	1	645.6	225.4	75.5	8	2.1	200.6	12.5	252	132	0.67	0.04	15.12%
DD004C	DD004C-131	121	122	4249.6	23.8	10.9	22.2	45.6	4.1	2985	1.3	996.5	358	101.7	5.1	1.5	115.1	9.3	1664	382	1.05	0.24	15.11%
DD004C	DD004C-132	121	122	4545.2	24.7	10	22.3	49.3	4.1	3221	1.2	1028	379.4	100.2	5.2	1.3	112.9	8.5	2364	350	1.11	0.34	14.74%
DD004C	DD004C-133	122	123	3300.4	48.8	20.9	25.1	62.7	8.6	2380	2.5	794.2	276	93.7	8.6	2.9	237.1	18	3168	451	0.85	0.45	14.62%
DD004C	DD004C-134	123	124	1486	49.7	23.3	18.9	51.9	9.4	906.6	2.7	435.3	136.9	62.2	8.1	3.3	267.8	19.7	771	182	0.41	0.11	16.30%
DD004C	DD004C-135	124	125	1790.9	24.4	8.8	15.8	40.3	3.7	1221	1	470.1	156.3	57.5	4.9	1.1	104.4	7.4	552	176	0.46	0.08	15.96%
DD004C	DD004C-136	125	126	1794.1	18.4	8.4	12.5	30.6	3.5	1330	1.2	436.5	149.3	51.2	3.6	1.3	100.1	9.1	505	179	0.46	0.07	14.76%
DD004C	DD004C-137	126	128	6454.8	23.5	7.5	45.8	84.9	3.2	3921	0.7	1818	612.6	202.5	6.9	0.9	82.2	5.1	916	635	1.55	0.13	18.26%
DD004C	DD004C-138	127	128	8295.3	21.9	7.2	46.5	88.4	3	5562	0.6	2029	727.2	211.9	7	0.8	73.3	4.3	795	502	2.00	0.11	16.09%
DD004C	DD004C-139	128	129	10422	30.3	8.7	66.8	127.5	3.8	7383	0.7	2562	907.1	292.1	9.9	0.9	94	5	771	1065	2.57	0.11	15.78%
DD004C	DD004C-140	129	130	10130	29.1	8	50	103.3	3.7	8514	0.8	1927	762.4	195.3	8.9	0.9	90.8	5.6	419	439	2.56	0.06	12.28%
DD004C	DD004C-141	130	130	3830.9	39.2	13.1	25.6	65.2	6.1	2985	1.3	853.1	308.8	92.2	8.2	1.6	158.9	9.5	881	391	0.98	0.13	13.78%
DD004C	DD004C-142	130.75	131.55	3084.8	34.3	12.4	21.5	54.9	5.6	2321	1.1	724	254.5	80.5	6.8	1.5	154.7	7.8	605	218	0.79	0.09	14.40%
DD004C	DD004C-143	131.55	132.5	1728.9	50.9	17.9	22.5	62.3	8.5	1097	1.7	499.1	159.2	74.5	9.2	2.2	235.9	12.5	791	71	0.47	0.11	16.42%
DD004C	DD004C-144	132.5	133.55	1335.2	26.8	8.7	12.6	33.7	4.3	866.6	0.7	360.5	117.8	46.1	4.8	1	119.3	5	749	67	0.35	0.11	16.16%
DD004C	DD004C-145	133.55	134.56	1934.1	28.1	10.5	16	40.3	4.7	1269	0.8	523.9	174.4	62.4	5.4	1.1	132.6	5.6	754	748	0.49	0.11	16.51%
DD004C	DD004C-146	133.55	134.56	2022.5	30.1	11	18.3	43.7	5.2	1317	0.7	566.5	184.6	67.5	5.1	1.1	139.5	5.5	771	769	0.52	0.11	16.91%
DD004C	DD004C-147	134.56	135.6	1711.7	24.9	10	13.7	35	4.3	1133	0.7	450.6	148	53.8	4.6	1.2	120.4	5.4	649	96	0.44	0.09	16.02%
DD004C	DD004C-148	135.6	136.65	1605	26.9	10.4	14.3	35.5	4.8	1071	0.8	438.1	145.6	54.5	4.9	1.1	128.3	5.8	675	135	0.42	0.10	16.38%
DD004C	DD004C-149	136.65	137.7	2836.3	52.9	16.4	25.3	66.8	8.3	1980	1.1	734.2	249.4	93.9	9.5	1.7	228.3	8.2	825	342	0.74	0.12	15.50%
DD004C	DD004C-150	137.7	138.7	2200	44.5	14	22.1	58.2	7.1	1518	1	576.8	193.1	72.2	8.4	1.4	186.4	7.5	1113	267	0.58	0.16	15.59%
DD004C	DD004C-151	138.7	139	13217	20.1	5.1	52.9	98.8	2.3	10853	0.4	2577	1054	236.1	7.7	<0.5	57.5	2.8	1629	1424	3.30	0.23	12.84%
DD004C	DD004C-152	139	141	7472.2	22	6.3	34.5	68.4	2.9	5807	0.7	1584	594.4	152.1	6.4	0.8	75.3	5.5	631	329	1.85	0.09	13.72%
DD004C	DD004C-153	141	142	10507	25.3	6.2	49.3	96.1	2.9	7982	0.5	2270	872.6	218.9	8.6	0.7	71.1	3.5	274	250	0.04	0.14	16.16%
DD004C	DD004C-154	142	143	6048	29.1	7.4	41	85	3.9	4154	0.6	1520	533.8	173.3	7.9	0.8	90.2	4.1	1424	405	1.49	0.20	16.12%
DD004C	DD004C-155	143	144	7183.4	22.8	6.7	37.5	74.5	3	4515	0.6	1819	647.3	175.4	6.5	0.7	74.4	4.5	190	230	1.71	0.03	16.87%
DD004C	DD004C-156	144	145	9111.5	84	27.6	58.2	140.3	13.3	6760	2.2	2232	776.3	231	18.2	3.1	335.6	16.1	2191	29	2.32	0.31	15.12%
DD004C	DD004C-157	145	146	8375.2	23.8	7.6	42.7	83.6	3.2	5856	0.8	1928	700.8	185.2	7.3	0.9	84.7	5.8	1640	512	2.03	0.23	15.14%
DD004C	DD004C-158	146	147	2459.9	31.4	10	22.5	53.6	4.9	1610	0.8	664.1	221.8	81.6	6.9	1	126.5	5.7	1224	152	0.62	0.18	16.64%
DD004C	DD004C-159	147	147	2411.9	31.7	9.9	21.5	52.8	4.7	1543	0.8	645.3	215.8	80.2	6.5	1.1	126.8	5.9	1215	153	0.60	0.17	16.62%
DD004C	DD004C-160	147	148	902.7	17.4	6.7	9.8	24.9	2.9	5567.3	0.7	2566	80.6	35.3	3.9	0.9	78.3	5.3	383	34	0.23	0.05	16.83%
DD004C	DD004C-161	148	149	1040.7	15.3	6.8	10.1	26.2	2.7	621.8	0.8	307.5	95.9	40.1	3.1	1	74.7	6.2	526	42	0.26	0.08	17.82%
DD004C	DD004C-162	149	150	787.7	12.4	5.3	9.1	22.4	2.4	488.3	0.8	243.6	75.1	36	2.6	0.8	56.4	5.7	420	30	0.21	0.06	18.14%
DD004C	DD004C-163	150	151	1458.9	16.9	6.6	12.1	28.1	2.8	935.9	0.8	390.3	127.4	42.6	20.7	1.7	6.6	444	102	0.36	0.06	16.56%	
DD004C	DD004C-164	151	152	1301.8	16	6.4	11.2	27.5	2.7	808.3	0.8	348.9	114.9	44	3.3	0.9	73.8	5.9	405	71	0.32	0.06	16.69%
DD004C	DD004C-165	152	153	809.8	14.6	5.7	9.7	24.1	2.4	491.3	0.8	254.5	76.6	34.6	3.1	0.9	65.3	5.5	474	61	0.21	0.07	18.31%
DD004C	DD004C-166	153	154	1007.2	21.6	8.1	15	37.9	3.5	596.5	1	314	95.9	50.7	4.5	1.1	95.5	7	565	50	0.27	0.08	18.04%
DD004C	DD004C-167	154	155	766.2	13.6	5.9	9.3	22.7	2.2	454.4	0.8	246.2	74.5	36.1	2.8	0.9	63.1	5.9	543	50	0.20	0.08	18.72%
DD004C	DD004C-168	155	156	426.3	8.4	3.3	5.5	14.4	1.4	249.1	0.6	143.6	42.6	20.7</									



Drill Collar DD004C (cont.)

Hole_ID	Sample No	Depth_From (m)	Depth_To (m)	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	La ppm	Lu ppm	Nd ppm	Pr ppm	Sm ppm	Tb ppm	Tm ppm	Y ppm	Yb ppm	Nb ppm	Mo ppm	TREO%	Nb2O5%	NdPr%
DD004C	DD004C-201	185.05	186	1638.8	28.3	10.4	21.2	49.9	4.7	844.4	0.8	575.1	168.3	78.5	5.9	1.3	120.2	5.9	688	34	0.42	0.10	20.82%
DD004C	DD004C-202	186	187	1230.2	22.9	10.6	15.5	36.8	4.2	641.1	1.2	405.7	122.3	59	4.6	1.4	117.6	8.9	671	108	0.31	0.10	19.58%
DD004C	DD004C-203	187	188	2438.8	39.5	15.3	29.3	69.2	6.6	1329	1.4	849.8	250.6	115.7	8.2	1.9	179.3	10.1	1257	87	0.63	0.18	20.49%
DD004C	DD004C-204	188	189	2917.5	38.9	13.7	38.1	84.3	6.1	1477	1.2	1111	315.4	147.6	8.9	1.7	160	8.7	1060	28	0.74	0.15	22.44%
DD004C	DD004C-205	189	189.8	3081.6	49.2	16.5	44.8	100.9	7.9	1547	1.3	1211	338.4	170.2	10.7	1.9	202.2	9.5	1217	34	0.80	0.17	22.70%
DD004C	DD004C-206	189.8	190.5	1183.4	38.2	19.9	16.9	43.9	7.6	646.7	2.2	391.5	115.9	56.4	6.6	2.9	204.2	15.7	576	49	0.32	0.08	18.29%
DD004C	DD004C-207	190.5	191.35	1784.7	33.8	14.8	19.8	46.2	6.3	1095	1.4	558.2	170	75.7	6	1.8	174.3	10	916	58	0.47	0.13	18.11%
DD004C	DD004C-208	191.35	192.13	1712.3	51.5	23.7	25.1	63	9.8	872.3	2.2	637.1	179	90.9	8.7	3	274.8	15.7	759	30	0.47	0.11	20.41%
DD004C	DD004C-209	192.13	193.14	885.2	23	11.9	12.1	33	4.5	468.3	1.3	320.2	91.3	48.7	4.3	1.7	123.7	9.5	560	25	0.24	0.08	20.05%
DD004C	DD004C-210	193.14	194.05	2782.6	32.5	13.6	21.9	52.1	5.6	1920	1.3	730.7	244.1	84.5	6.3	1.8	150.5	9.3	1062	96	0.71	0.15	16.02%
DD004C	DD004C-211	194.05	195	1447	17.7	6.7	13.3	32.3	3	934.2	0.6	402	127.7	51.8	3.8	1	77.6	4.6	421	225	0.37	0.06	16.88%
DD004C	DD004C-212	194.05	195	1261.6	16.1	6.3	12.2	29.2	2.7	854	0.7	344.2	111	45.9	3.3	0.9	72.5	5.1	418	80	0.32	0.06	16.38%
DD004C	DD004C-213	195	196	1499.2	24.9	10.1	17.1	41.6	4.2	825.8	0.8	497.9	146.9	66.5	5.2	1.2	109.2	6.2	735	74	0.38	0.11	19.70%
DD004C	DD004C-214	196	197	700.2	11.8	4.6	7.7	20	1.9	429.3	0.5	225.5	67.3	30	2.5	0.7	53	3.8	160	23	0.18	0.02	18.53%
DD004C	DD004C-215	197	198	1528.4	21.6	6.9	18.8	45.8	3.1	838.3	0.6	526.9	154.4	75.4	5	0.9	80.8	4.3	616	68	0.39	0.09	20.55%
DD004C	DD004C-216	198	198.95	1521.8	13.2	4.7	11.6	26.1	2	934.3	0.5	413.1	136.5	47.8	3	0.7	50.8	3.6	489	97	0.37	0.07	17.27%
DD004C	DD004C-217	198.95	200	1481.5	20.1	7.8	12.5	31.1	3.4	974.1	0.8	392.7	128.8	49	3.8	1.1	92.3	6	338	147	0.38	0.05	16.19%
DD004C	DD004C-218	200	201	856.9	18.3	8.4	10.6	25.5	3.3	504.9	0.9	269.3	81.3	38	3.5	1.3	92.5	6.7	286	46	0.23	0.04	18.14%
DD004C	DD004C-219	201	202	2317.5	22	9.9	11.9	31.5	3.9	1814	1	509.9	186.3	50.5	4	1.4	107.9	7.5	276	100	0.60	0.04	13.65%
DD004C	DD004C-220	202	203	2185	21.3	10	13.5	33.6	3.8	1644	0.9	519.3	180.5	57.7	4.1	1.3	107.3	6.7	947	159	0.56	0.14	14.55%
DD004C	DD004C-221	203	204	736.1	15.7	6.5	8.4	20.5	2.8	419	0.5	225.9	70.8	33.1	3	0.8	74.5	4	397	62	0.19	0.06	18.19%
DD004C	DD004C-222	204	205	844.7	15.9	6.4	8.7	21.6	2.7	489.8	0.5	252.1	81.1	34.5	2.9	0.7	73	3.9	392	56	0.22	0.06	18.03%
DD004C	DD004C-223	205	206	1018.6	21	7.6	11.7	29.3	3.5	595.2	0.5	319.9	98.7	46.4	4	0.8	92.3	3.8	476	58	0.26	0.07	18.47%
DD004C	DD004C-224	206	207	1257	28.2	9.3	13.4	36.1	4.5	781.3	0.6	341.6	113.9	48.1	5.1	1	125	4.8	533	114	0.33	0.08	16.35%
DD004C	DD004C-225	207	208	1113.2	29.8	10	15.1	40.2	5.6	20.9	0.6	356.5	108.8	56.9	5.6	1	130.4	4.9	494	76	0.29	0.07	18.50%
DD004C	DD004C-226	207	208	1090.5	30.2	10.5	15.1	40.8	4.8	617.7	0.6	360.9	107.7	56.6	5.6	1	133	5.1	523	67	0.29	0.07	18.77%
DD004C	DD004C-227	208	209	998.9	21.6	6.7	13.2	34	3.3	569.9	0.5	316.6	95.7	50.7	4.5	0.7	84.8	3.8	463	65	0.26	0.07	18.60%
DD004C	DD004C-228	209	210	2888.1	38.7	12.3	28	65.5	5.9	1794	0.8	839.3	270.5	111.3	8.2	1.4	156	6.7	1329	151	0.73	0.19	17.74%
DD004C	DD004C-229	210	211	391.7	13.2	7.5	4.9	13.1	2.9	219.8	0.5	125.5	37.8	19.2	2	0.9	83.1	4.2	302	20	0.11	0.04	17.47%
DD004C	DD004C-230	211	212	463	12.2	4.2	6.8	17.7	1.9	256.7	0.4	145	44.8	24.3	2.3	0.5	51.8	3	310	140	0.12	0.04	18.23%
DD004C	DD004C-231	212	213	749	17.2	5.8	10.4	26.8	2.7	418.3	0.6	236.6	73	38.3	3.4	0.7	72	4.6	333	427	0.19	0.05	18.55%
DD004C	DD004C-232	213	214	611.2	12.2	4.8	7.8	19.5	2.2	338.6	0.4	192.9	59.5	31.4	2.4	0.6	57.2	3.5	404	459	0.16	0.06	18.67%
DD004C	DD004C-233	214	215	711.3	12.4	4.3	8.8	21.5	1.9	393.8	0.4	221.6	69.2	34.9	2.6	0.5	49	2.8	160	84	0.18	0.02	18.85%
DD004C	DD004C-234	215	216	1154.5	15	5.2	12.4	28.9	2.3	652.6	0.5	361.4	112.5	54.5	3.2	0.7	59.6	4.1	415	123	0.29	0.06	19.12%
DD004C	DD004C-235	216	217	763.9	17.1	6.3	10.2	27	4.6	416.1	0.7	246.2	75.4	40	3.6	0.8	76.3	5.2	258	82	0.20	0.04	18.91%
DD004C	DD004C-236	217	218	479.6	12.2	5.2	5.6	16.8	2.2	268.3	0.6	151.6	46.6	24.3	2.4	0.7	60.9	4.4	274	46	0.13	0.04	18.21%
DD004C	DD004C-237	218	219	1027.1	14.8	5.8	8.6	23.5	2.5	619	0.6	270	88.9	36.4	3.1	0.7	69.8	4.5	205	74	0.26	0.03	16.45%
DD004C	DD004C-238	219	220	1005	12.4	4.2	10.9	25.4	5.8	580.9	0.4	295.4	94.5	45.7	2.9	<0.5	48.7	3.1	412	65	0.25	0.06	18.22%
DD004C	DD004C-239	219	220	1287.3	12.1	3.7	11.8	27.6	1.8	778.5	0.3	364.8	118.1	52.6	2.9	<0.5	47.5	2.6	444	126	0.32	0.06	17.74%
DD004C	DD004C-240	220	221	974.6	21.4	8.1	10.6	29.7	3.6	589.5	0.5	293.2	91.7	44.7	4	0.9	97.7	4.2	348	58	0.26	0.05	17.60%
DD004C	DD004C-241	221	222	448.9	11.1	4	6.3	17.9	1.9	243.6	0.3	149.5	44	25.5	2.5	<0.5	49.7	2.4	227	61	0.12	0.03	19.09%
DD004C	DD004C-242	222	223	379.2	9.6	3.4	5.9	15.4	1.6	214.6	0.3	125.6	36.6	20.8	2	<0.5	43.8	2.6	191	54	0.10	0.03	18.71%
DD004C	DD004C-243	223	224	1447.1	19.5	5.1	18.2	43.1	2.8	763	0.4	494.4	145.1	74.9	4.5	<0.5	68.8	2.9	460	82	0.36	0.07	20.61%
DD004C	DD004C-244	224	225	1455.5	27.8	8.2	21.8	52.9	4.1	759.3	0.7	529.3	149.5	84.3	6.1	1	109.5	5.2	409	26	0.38	0.06	21.01%
DD004C	DD004C-245	225	226	838.3	20.2	7.6	10.2	28.6	3.3	476.1	0.7	256.9	79.3	40.1	3.8	1	92.6	5.7	406	39	0.22	0.06	18.04%
DD004C	DD004C-246	226	227	1089.1	18.1	7.1	11.4	28.2	3.1	635.4	0.6	323.5	103.7	46.8	3.5	1	84.2	5.1	418	33	0.28	0.06	18.00%
DD004C	DD004C-247	227	228	464.8	22.2	10.8	6.8	22.7	4.4	253.7	1	150.6	45.6	26.7	3.7	1	124.3	8	333	67	0.14	0.05	16.94%
DD004C	DD004C-248	228	229	390.5	17.4	8.4	5	17.6	3.3	225.3	0.7	116.5	36.7	20.6	2.7	1	95.2	5.6	355	51	0.11	0.05	16.02%
DD0																							



Drill Collar DD004C (cont.)

Hole_ID	Sample No	Depth_From (m)	Depth_To (m)	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	La ppm	Lu ppm	Nd ppm	Pr ppm	Sm ppm	Tb ppm	Tm ppm	Y ppm	Yb ppm	Nb ppm	Mo ppm	TREO%	Nb2O5%	NdPr%
DD004C	DD004C-281	257	258	466.2	8.4	3.5	6.6	14.5	1.5	253.7	0.5	158.1	47.5	24.2	1.8	0.5	40.1	3.7	1225	20	0.12	0.18	19.84%
DD004C	DD004C-282	258	259	389.2	6.8	3.2	5.2	11.9	1.3	210.2	0.5	139	40.6	20	1.4	<0.5	33.4	3.8	746	21	0.10	0.11	20.62%
DD004C	DD004C-283	259	260	783.9	16.7	7.5	12.2	28.9	2.8	424.5	1	269.6	79.7	43.4	3.5	1.1	78.2	7.7	1904	43	0.21	0.27	19.73%
DD004C	DD004C-284	260	261	1912	24.8	9.7	21.6	48.3	4.1	1080	1.3	589.7	185.4	81	5.4	1.4	109.1	10.3	3181	86	0.48	0.46	18.89%
DD004C	DD004C-285	261	262	1023.6	11.4	3.9	10.7	23.3	1.8	559.5	0.5	321.9	100.9	44.1	2.5	0.6	46.7	4	1425	34	0.25	0.20	19.54%
DD004C	DD004C-286	262	263	1425.2	10.9	3.2	13.3	27.5	1.4	836.6	0.3	410.1	133.6	53.1	2.7	<0.5	40.4	2.3	1155	48	0.35	0.17	18.30%
DD004C	DD004C-287	263	264	1432.3	19.7	8.1	16.5	36.5	3.3	754.7	1.1	470.2	143.1	66.7	4	1.2	89	8.9	1369	31	0.36	0.20	19.98%
DD004C	DD004C-288	264	265	1749.5	23.2	14.2	17.6	39.7	4.7	911.5	2.4	554.1	173.9	72	4.5	2.3	134.1	19.1	1441	48	0.44	0.21	19.46%
DD004C	DD004C-289	265	266	1791.2	11	4.2	13.6	28	1.6	1012	0.6	533.4	172.2	61.3	2.5	0.6	46.5	4.3	1140	25	0.43	0.16	19.09%
DD004C	DD004C-290	266	267	1192.2	10.7	3.4	12.4	25.1	1.6	628.8	0.4	382	119.5	48.9	2.6	<0.5	42.4	3.2	744	131	0.29	0.11	20.20%
DD004C	DD004C-291	267	268	939.1	9.2	3.6	8.4	18.8	1.6	555.6	0.4	263.4	86.9	33.9	2	<0.5	41.1	3.1	492	16	0.23	0.07	17.73%
DD004C	DD004C-292	267	268	888.1	9.4	3.4	7.8	18.4	1.4	523.8	0.4	247.9	81.3	33.1	2.1	<0.5	39.6	2.9	429	13	0.22	0.06	17.63%
DD004C	DD004C-293	268	269	696.3	8.9	3.2	7.3	17.6	1.4	401.3	0.3	211.9	66.5	28.8	1.8	<0.5	36	2.4	563	15	0.17	0.08	18.68%
DD004C	DD004C-294	269	270	497.5	7.4	3	4.8	11.2	1.3	282.7	0.4	146.5	47.2	19.4	1.3	<0.5	32.8	2.8	516	11	0.12	0.07	18.21%
DD004C	DD004C-295	270	271	1593.9	18	6.5	14.1	33.2	2.9	925.6	0.6	461.1	151.2	55.8	3.9	0.8	75	4.7	1007	17	0.39	0.14	18.21%
DD004C	DD004C-296	271	272	717.6	10.2	3.5	7.9	18.1	1.4	404.7	0.3	222.9	69	28.6	2	<0.5	40.3	2.4	1063	24	0.18	0.15	19.01%
DD004C	DD004C-297	272	273	1882.1	11.7	3.9	13.9	29	1.7	1048	0.4	465.6	154.5	60.2	2.8	<0.5	43.5	3	1057	38	0.41	0.15	17.55%
DD004C	DD004C-298	273	274	1218.3	19.5	7.1	14.3	35.3	3.1	724.2	0.8	369.3	115.9	54.8	4	0.9	80.7	6.4	1375	36	0.31	0.20	18.19%
DD004C	DD004C-299	274	274	1481	20.3	7.5	16.9	36.7	3.3	821.2	0.8	475.9	143.8	65.7	4.4	1	85.2	6	1758	15	0.37	0.25	19.46%
DD004C	DD004C-300	274	275	3949.8	61.9	21.1	54.1	117	9.9	1955	1.5	1518	435.1	217.2	13	2.3	251.8	12.1	497	10	1.01	0.07	22.56%
DD004C	DD004C-301	275.5	276	1637.9	24.5	7.9	19.2	44.5	3.8	859.3	0.7	544.7	165.1	76.7	5	0.9	97.5	5.2	1488	16	0.41	0.21	20.23%
DD004C	DD004C-302	276	277	1743.4	24.1	8.1	20.6	47.3	3.9	868.3	0.7	604.9	179.9	83.1	5.3	1.1	97.9	5.8	1070	43	0.43	0.15	21.15%
DD004C	DD004C-303	277	278	2037.8	25.3	8.5	23.5	52	4	1023	0.8	708.4	212.9	99	5.7	1.1	99	6.7	1604	30	0.50	0.23	21.30%
DD004C	DD004C-304	278	279	1634.2	25.5	9	20.4	46.7	4.1	857.7	0.8	562.2	167.9	77.3	5.3	1	105.6	5.9	2595	58	0.41	0.37	20.62%
DD004C	DD004C-305	279	280	3276.2	49	16.9	41.6	90.5	7.7	1646	1.3	1223	352.7	164.8	10.4	1.9	198	10.4	1641	44	0.83	0.23	22.12%
DD004C	DD004C-306	279	280	3469	54.2	18.2	44.7	99.6	8.3	1753	1.3	1303	373.9	179	1.1	1.9	220.5	10.1	1631	50	0.88	0.23	22.12%
DD004C	DD004C-307	280	281	3407.4	51.7	16.8	44	98.3	8.1	1718	1.1	1270	366.5	176.3	11.2	1.8	208.2	8.9	1998	29	0.87	0.29	22.05%
DD004C	DD004C-308	281	282	3177.3	49.6	16.2	43.3	94.6	7.7	1624	1	1180	341	168.4	10.9	1.8	197.3	8.1	3734	10	0.81	0.53	21.88%
DD004C	DD004C-309	282	283	1952.4	30.3	11.2	21.3	50.7	5.1	1066	1.1	609	192.2	84.8	6.3	1.4	130.2	9	2740	46	0.49	0.39	19.12%
DD004C	DD004C-310	283	284	1401	19.6	8.2	13.9	32.6	3.3	778.5	0.9	432.5	134.1	57.1	3.9	1.1	86.9	7.1	2143	19	0.35	0.31	18.92%
DD004C	DD004C-311	284	285	479.5	9.5	4.1	6.4	14.1	1.6	257.9	0.5	163.8	47.8	24.2	1.7	0.5	44.1	4.2	937	6	0.12	0.13	19.86%
DD004C	DD004C-312	285	286	417.1	10.5	4.9	6.4	15.1	2	225	0.7	146.9	42.3	21.4	2.1	0.7	54.6	5.4	545	11	0.11	0.08	19.68%
DD004C	DD004C-313	286	287	482.8	9.8	4.3	6.5	14.7	1.8	257.8	0.5	162.4	48.1	25.7	1.9	0.6	48.5	3.9	449	7	0.13	0.06	19.57%
DD004C	DD004C-314	287	288	1186.3	15.6	5.8	13.2	28.9	2.7	598.5	0.5	403.4	119.7	52.2	3.3	0.7	69.5	4.3	821	20	0.29	0.12	20.79%
DD004C	DD004C-315	288	289	671.7	11.1	4.6	7.4	16.7	2.2	366.7	0.3	211.6	64.7	28.1	2.1	<0.5	53.2	2.5	505	38	0.17	0.07	19.05%
DD004C	DD004C-316	289	290	653.3	10.2	4.1	6.7	15.1	1.8	346.6	0.4	209.3	64.1	26.4	2	<0.5	49.2	2.8	513	19	0.16	0.07	19.54%
DD004C	DD004C-317	290	291	1116.7	16.8	6.1	10.3	23.9	2.8	613.2	0.5	326.9	103.7	41.1	3	0.7	76.8	4.2	720	30	0.28	0.10	18.26%
DD004C	DD004C-318	291	292	1177.5	25.1	9.1	15.6	38.3	4.1	622.3	0.9	385.2	116.8	55.5	4.9	1.1	112	6.8	5953	14	0.30	0.85	19.38%
DD004C	DD004C-319	291	292	964.9	23.3	9	13.7	33.7	3.8	506.2	0.8	318.8	95.1	47.6	4.5	1	105.2	6	5784	8	0.25	0.03	19.21%
DD004C	DD004C-320	292	293	2894.6	48.1	15.1	39.3	87.4	7.5	1249	0.9	1098	309.1	154.4	10	1.5	192.6	6.9	1510	21	0.74	0.22	22.27%
DD004C	DD004C-321	293	294	3244.9	56	18.5	47.4	106	8.9	1590	1.2	1281	354.6	187.9	12	2	230.2	9.2	3313	2	0.84	0.47	22.76%
DD004C	DD004C-322	294	295	3138.2	55.6	18.9	45.4	102.4	8.9	1543	1.3	1216	342.1	179.6	11.6	2	230.3	10.1	2459	8	0.81	0.35	22.46%
DD004C	DD004C-323	295	296	4111.5	52.1	15.6	51.3	108.8	7.7	2163	1.2	1448	427	204.8	12	1.8	195.4	9.7	1361	198	1.03	0.19	21.9%
DD004C	DD004C-324	296	297	2347.9	34.5	15.1	21.2	50.5	6.3	1496	1.4	645.1	211.1	80.9	6.4	1.9	169.1	10.9	2217	34	0.60	0.32	16.71%
DD004C	DD004C-325	297	297	2758	34.2	12.6	27.5	60.7	5.6	1539	1.2	857.5	268.9	109.1	7.2	1.5	151.1	9.1	1076	35	0.69	0.15	19.19%
DD004C	DD004C-326	297.9	298.8	1012.2	22.5	10.1	12.4	31.7	4	557.5	1	305.8	95.5	43.9	4.1	1.3	114.6	8	1317	4	0.26	0.19	17.93%
DD004C	DD004C-327	298.8	299.6	1410.6	24.1	9.2	16.4	38.5	4	741.2	1	449.2	133.9	60.9	4.7	1.2	105.1	8.2	6963	20	0.35	1.00	19.29%
DD004C	DD004C-328	299.6	300.8	2995.5	56.6	17.1	47.2	106.5	8.6	1460	1.2	1183	325.1	179.2	12.6	1.8	218.6	9.2	3170	4	0.78	0.45</td	



Drill Collar DD004C (cont.)

Hole_ID	Sample No	Depth_From (m)	Depth_To (m)	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	La ppm	Lu ppm	Nd ppm	Pr ppm	Sm ppm	Tb ppm	Tm ppm	Y ppm	Yb ppm	Nb ppm	Mo ppm	TREO%	Nb2O5%	NdPr%
DD004C	DD004C-361	331	332	3252.3	64.9	21	56.5	129.8	9.9	1569	1.3	1418	397.4	212.7	14.5	2.2	229.7	10.3	2514	2	0.87	0.36	24.46%
DD004C	DD004C-362	332	333	3249.1	56.9	18.4	56	118.9	8.7	1548	1.3	1440	393.6	208.7	12.8	2	202.2	9.8	1661	1	0.86	0.24	24.92%
DD004C	DD004C-363	333	334	3216.5	54.4	17.7	53.2	115.1	8.4	1556	1.1	1432	394.1	204.9	12.4	1.9	194.1	8.9	1839	1	0.85	0.26	25.02%
DD004C	DD004C-364	334	335	3176.3	62	21.9	52.9	119.3	10.1	1511	1.4	1392	384.2	201.2	13.8	2.3	233.5	11.2	2595	1	0.84	0.37	24.58%
DD004C	DD004C-365	335	336	3280	53.7	17.5	51.7	111.6	8.5	1635	1	1387	388.9	197	12.1	1.8	191.2	8	2123	1	0.86	0.30	24.08%
DD004C	DD004C-366	336	337	2809.1	54.4	20.3	44.4	96.7	9	1367	1.3	1233	339.6	173.8	11.2	2.2	213.1	10.1	1121	3	0.75	0.16	24.51%
DD004C	DD004C-367	337	338	2772.1	47.7	16.2	39.5	90.3	7.4	1403	1.2	1167	326.7	157	9.9	1.9	181.5	9.4	1984	18	0.73	0.28	23.87%
DD004C	DD004C-368	338	339	2958.1	54.1	18.5	48.1	104.8	8.7	1441	1.4	1313	360.6	186.2	11.8	2.1	208.3	10.8	1558	3	0.79	0.22	24.77%
DD004C	DD004C-369	339	340	2919.8	55	17.4	47.7	106.1	8.2	1421	1.1	1271	352.4	184.3	11.8	1.9	202	8.5	4384	14	0.77	0.63	24.46%
DD004C	DD004C-370	340	341	2660.4	48.6	15.2	43.9	96.2	7.1	1290	1	1168	318.7	170.1	10.9	1.7	177.9	7.6	6350	12	0.71	0.91	24.59%
DD004C	DD004C-371	341	342	53.8	16.7	59.3	127.1	7.8	1821	1.1	1605	443.8	241.2	12.8	1.8	192.7	8.6	785	11	0.97	0.11	24.57%	
DD004C	DD004C-372	341	342	3531.1	53.5	15.7	58	122	7.6	1750	1.1	1540	422.9	233.2	12.4	1.7	183.4	8.3	849	25	0.93	0.12	24.62%
DD004C	DD004C-373	342	343	3908.9	47.3	14.5	55.2	114.5	7.1	1971	0.9	1640	464.7	226.5	11.4	1.7	163.7	7.3	827	1	1.01	0.12	24.29%
DD004C	DD004C-374	343	344	2768.5	45.8	14.3	46.1	101.7	6.9	1344	1	1189	327.5	179.2	11	1.5	161.8	7.8	3609	3	0.73	0.52	24.34%
DD004C	DD004C-375	344	345	3232.9	48.3	15	53.2	116.2	7.3	1857	0.9	1401	389.1	205.8	12	1.6	164.1	7.3	3594	2	0.85	0.51	24.63%
DD004C	DD004C-376	345	346	3233.9	67.1	20.4	53.6	127.4	9.8	1618	1.4	1365	379.9	203.3	14.5	2.3	235.3	10.7	3218	3	0.86	0.46	23.66%
DD004C	DD004C-377	346	347	1016.3	14.9	5.2	11.6	28.4	2.2	548.1	0.5	359.3	109	50	3.1	0.6	55.1	3.6	539	14	0.26	0.08	21.12%
DD004C	DD004C-378	347	348.2	710.8	9.4	3.3	8.3	19.6	1.5	417.5	0.3	244.8	75.9	33.5	2.1	<0.5	35.6	2.3	462	13	0.18	0.07	20.41%
DD004C	DD004C-379	348.2	349.1	566	13.8	5.4	7.5	21.2	2.4	336.7	0.5	188.3	58.2	27.8	2.6	0.6	53.7	3.7	1025	19	0.15	0.19	19.03%
DD004C	DD004C-380	349.1	350.6	1495.1	44.7	17.8	22.1	57.9	7.7	804	1.4	553.9	160.6	82.1	8	2.1	194.1	11.1	752	23	0.41	0.11	20.50%
DD004C	DD004C-381	350.6	351.4	764	25.2	11.7	8.5	23.9	4.9	170.9	0.7	220.7	73.3	29.4	3.6	1.3	130	5.4	433	39	0.21	0.06	16.44%
DD004C	DD004C-382	351.4	352.4	1287.1	32.7	13.3	13.5	35.6	5.9	792.4	0.8	382.4	123.7	48.1	5.3	1.5	150.2	6.3	556	72	0.34	0.08	17.35%
DD004C	DD004C-383	352.4	353.65	724.8	34.5	16	12.3	38.7	6.6	443.9	1.6	243.4	73.8	42.4	6	2.2	166.6	12.6	213	13	0.22	0.03	17.22%
DD004C	DD004C-384	353.65	354.8	1755.9	39.4	18.2	20	49.1	7.9	1031	1.2	593.2	178.9	80.4	6.4	2	192	9.2	644	44	0.47	0.09	19.26%
DD004C	DD004C-385	354.8	356	1467.5	32.1	10.8	15.6	41.8	5.3	895.4	0.7	444.6	144.1	61.3	5.7	1.1	132.4	5.5	313	38	0.38	0.04	17.94%
DD004C	DD004C-386	356	356	1409.1	30.4	11.1	15.7	40.7	5	837.1	0.7	456.9	140.9	59.5	5.6	1.1	134.1	5.9	316	34	0.37	0.05	18.85%
DD004C	DD004C-387	356	357	516.4	20.5	7.4	10.3	28.9	3.2	274.9	0.6	199.1	57.5	33.1	4.1	0.9	84.8	4.5	237	50	0.15	0.03	20.44%
DD004C	DD004C-388	357	358	1275.8	19.1	6	16.3	37.2	2.6	756.1	0.5	443.1	133.3	58.8	4.4	0.7	68.2	4	489	325	0.33	0.07	20.31%
DD004C	DD004C-389	358	359	4441.3	48.1	15.3	49.8	104.1	7.1	2290	1.1	1613	494.9	192.9	11	1.7	182.5	9	2752	9	1.11	0.39	22.19%
DD004C	DD004C-390	359	360	2592.5	43.7	15.3	39.2	79.8	6.5	1237	1	1136	312.3	149.3	8.9	1.7	175.2	8	1963	5	0.68	0.28	24.83%
DD004C	DD004C-391	360	361	3214.5	61.7	21.8	52.6	112.9	9.6	1537	1.5	1401	391.3	201.1	13.3	2.4	249.6	11.7	3258	3	0.85	0.47	24.50%
DD004C	DD004C-392	361	362	3240	64.2	21.3	54.6	115.3	9.5	1563	1.4	1448	397.9	201.9	13.7	2.3	241.9	10.8	2370	1	0.87	0.34	24.88%
DD004C	DD004C-393	362	363	3497.5	87.7	30.9	61.6	147.3	13.1	1666	2	1567	427	223	18.5	3.3	344.9	15.5	1521	4	0.95	0.22	24.48%
DD004C	DD004C-394	363	364	3885.1	55.2	19	62	130.1	8.1	1958	1.3	1616	457.8	237.6	13.7	2.1	207.2	10.3	1523	161	1.02	0.22	23.85%
DD004C	DD004C-395	364	365	3020.5	76.3	25.9	50.5	120.5	11.7	1468	1.8	1329	366	184.4	15.4	3	287.7	14	2505	16	0.82	0.36	24.18%
DD004C	DD004C-396	365	366	390.2	24.8	9.3	6.8	22.7	4.1	216.6	0.8	133.4	41	19.1	4.1	1	103	5.1	1322	8	0.12	0.19	17.58%
DD004C	DD004C-397	366	367	1352.2	31.3	11.3	22.8	53.6	4.7	665.7	0.8	563.9	156.5	78.5	6.7	1.3	123.3	6.4	1391	22	0.36	0.20	23.28%
DD004C	DD004C-398	367	368	540.6	11.6	3.9	6.8	17.2	1.9	305.9	0.3	177.8	55.2	23.4	2.3	<0.5	46	2.6	3789	170	0.14	0.54	19.39%
DD004C	DD004C-399	368	369	545.2	11.2	4.4	6.9	17.1	1.7	307.4	0.3	177.5	56.5	23.9	2.3	<0.5	45.6	2.6	3818	173	0.14	0.55	19.38%
DD004C	DD004C-400	368	369	462.9	18.1	6.7	7.9	21.9	2.9	256.2	0.5	154.4	48.6	22.7	3.4	0.8	76.9	4.3	9226	200	0.13	1.32	18.51%
DD004C	DD004C-401	369	370	241.4	16.9	7.6	6.5	19.4	3	125	0.7	102.6	27.9	20.3	3.1	1	79.9	5.2	2705	241	0.08	0.39	19.54%
DD004C	DD004C-402	370	371	136	10.8	5.3	3.7	12.2	2.1	66.5	0.5	53.7	15.4	10.5	1.9	0.6	55.7	3.8	3249	216	0.04	0.46	18.01%
DD004C	DD004C-403	371	372	213.2	10.6	4.2	4.2	12.3	1.7	108	0.4	90.2	24.2	13.7	1.9	0.5	47.3	2.9	1275	374	0.06	0.18	21.19%
DD004C	DD004C-404	372	373	459.9	6	2.5	4.8	10.6	1.1	253.7	0.2	166.9	50.2	21.5	1.1	<0.5	27.7	1.7	1193	66	0.12	0.17	21.44%
DD004C	DD004C-405	373.2	375	326.2	12.2	5.4	7.2	19.1	2.2	173.1	0.5	128.3	35.4	24.8	2.4	0.7	55.7	3.9	971	58	0.09	0.14	20.39%
DD004C	DD004C-406	375	376.3	368.6	11.2	4.7	7.3	18.6	1.9	199.1	0.4	147.6	41.6	24.4	2.3	0.6	50.6	3.3	808	70	0.10	0.12	21.31%
DD004C	DD004C-407	376.3	377.2	261.1	14.6	6.6	7.6	20.9	2.5	137.6	0.7	110.7	29.6	22.4	2.8	0.8	71.2	5.2	815	43	0.08	0.12	20.02%
DD004C	DD004C-408	377.2	378	556.9	10.6	5	8.4	19	1.8	301.8	0.6	204.7	60.6	30.3	2.2								



Drill Collar DD004C (cont.)

Hole_ID	Sample No	Depth_From (m)	Depth_To (m)	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	La ppm	Lu ppm	Nd ppm	Pr ppm	Sm ppm	Tb ppm	Tm ppm	Y ppm	Yb ppm	Nb ppm	Mo ppm	TREO%	Nb2O5%	NdPr%
DD004C	DD004C-441	405.85	406.6	3123.3	70.6	24.3	52.7	124.2	11	1490	1.6	1356	370.8	187.3	14.4	2.7	271.5	12.5	2502	3	0.83	0.36	24.16%
DD004C	DD004C-442	406.6	407.4	3059.2	69.7	21	53.9	126.1	10.3	1436	1.3	1344	366.3	190.8	15	2.2	242	10.1	3111	3	0.81	0.45	24.50%
DD004C	DD004C-443	407.4	408.3	3008.2	59.9	18.2	53.4	123.6	8.4	1374	1	1313	360.9	197	13.9	1.9	205.7	8	3664	<1	0.79	0.52	24.70%
DD004C	DD004C-444	408.3	409.1	3068.7	55.4	16.7	55.1	118.1	8.2	1425	1	1372	369.6	197.4	12.9	1.9	194	8.1	2602	1	0.81	0.37	25.12%
DD004C	DD004C-445	409.1	410	2740.3	55.5	18.8	47.8	112.1	8.6	1259	1.3	1218	331.2	178.4	12.7	1.9	207.8	9.9	1491	2	0.73	0.21	24.86%
DD004C	DD004C-446	410	411	2606	58.5	18.9	49.1	112.9	8.7	1217	1.1	1170	315.1	171.2	12.9	2	213.9	8.7	2283	5	0.70	0.33	24.77%
DD004C	DD004C-447	411	412	2551.5	50.7	15.5	41.8	94.3	7.5	1213	0.9	1091	298.3	150.1	11.3	1.6	181.8	7.1	1735	61	0.67	0.25	24.20%
DD004C	DD004C-448	412	413	2683.9	55.7	17.4	48.5	110.2	8.1	1259	1.1	1196	323.8	171	12.7	1.8	204.2	8.8	1708	13	0.72	0.24	24.79%
DD004C	DD004C-449	413	414	2964.3	55	16.7	50.9	113.9	8	1441	1	1273	352.7	184	12.6	1.7	198.7	7.6	1024	1	0.78	0.15	24.23%
DD004C	DD004C-450	414	415	2676.4	55.7	17.2	48.3	111.8	8.3	1267	1.1	1186	321.5	172.8	12.5	1.8	201.6	8.5	1384	<1	0.71	0.20	24.63%
DD004C	DD004C-451	415	416.1	2792.5	59.5	19.1	50.1	114.4	8.7	1342	1.3	1228	335.4	181.6	13.3	2.1	220.3	10.4	2615	2	0.75	0.37	24.40%
DD004C	DD004C-452	416.1	3009	61.1	18.8	51.6	118.5	9	1439	1.2	1293	354.2	185	13.8	2.1	219.7	9.8	2425	2	0.80	0.35	24.16%	
DD004C	DD004C-453	416.1	417.4	805.2	18.3	5.8	11.9	26.7	2.8	436.3	0.6	287.7	85	40.2	3.7	0.7	68	4.7	7839	62	0.21	1.12	20.63%
DD004C	DD004C-454	417.4	418.3	3139.9	62.3	19.6	54.8	123.2	9.2	1496	1.3	1379	374.8	197.7	13.7	2.2	225	10.3	2224	16	0.83	0.32	24.57%
DD004C	DD004C-455	418.3	419.1	633.2	8.8	3	7.1	15.6	1.4	367.7	0.3	197.3	63.1	24.6	2.1	<0.5	31.2	2.2	1318	8	0.16	0.19	19.10%
DD004C	DD004C-456	419.1	420	587.8	21.8	10.1	7.9	23.6	3.9	341.2	0.9	200.6	60.5	28.5	3.5	1.3	107.4	7.4	631	18	0.17	0.09	18.42%
DD004C	DD004C-457	420	420.8	476.8	13.7	8.5	5.9	17.2	2.8	279.8	1.1	150.7	47.3	21.8	2.2	1.3	81.6	8.9	298	12	0.13	0.04	17.55%
DD004C	DD004C-458	420.8	421.7	1028.3	28	13.4	13.6	36.1	5.2	573.8	1.1	373.2	109.1	48.9	4.7	1.7	141.8	8.7	603	32	0.28	0.09	20.06%
DD004C	DD004C-459	421.7	422.36	399.1	9.1	3.7	4.9	13	1.6	226.1	0.4	133.7	41.5	16.9	1.7	<0.5	40.3	2.8	714	21	0.11	0.10	19.47%
DD004C	DD004C-460	422.36	423.1	2139.4	55.8	19.2	37.7	94.1	8.5	1015	1.4	937.7	256.5	138.5	11.4	2.2	217.6	11	1763	8	0.58	0.25	24.02%
DD004C	DD004C-461	423.1	424	998.7	22	7.1	10.7	29.6	3.4	585	0.4	302.3	98.1	38.7	4.7	0.7	83.8	3.1	1082	39	0.26	0.15	18.20%
DD004C	DD004C-462	424	425	1157.5	31.2	10.8	17.4	43.9	4.8	589.6	0.7	47.6	127.3	62.9	5.7	1.2	125.2	5.9	1507	48	0.31	0.22	21.72%
DD004C	DD004C-463	425	426	2513.9	67.7	20.3	44.9	111.3	9.8	1173	1	1099	299.9	158.1	14.3	2	245	7.8	3053	2	0.68	0.44	24.13%
DD004C	DD004C-464	426	427	2121.7	53.2	15.9	35.2	88.5	8.3	1013	0.9	872	242.9	119	11.6	1.6	196.3	6.9	3446	12	0.56	0.49	23.17%
DD004C	DD004C-465	427	427.9	2762.5	70.7	21.4	49.1	117.2	10.1	1327	1.2	1208	332.6	180.7	14.7	2.2	250.4	9.3	2591	37	0.75	0.37	24.11%
DD004C	DD004C-466	427	427.9	2808.4	68.9	21.8	49	118.6	10.3	1330	1.1	1217	334.9	178.4	14.2	2.1	246	8.5	2505	20	0.75	0.36	24.10%
DD004C	DD004C-467	427.9	428.5	2684.3	63.2	19.7	47.9	110.8	9.5	1277	1	1182	319.3	174.6	13.2	2	231.4	8.1	1686	12	0.72	0.24	24.32%
DD004C	DD004C-468	428.5	429.3	2824.7	75.1	23.3	51.4	122.5	10.7	1307	1.1	1242	339.6	181.5	15.2	2.2	265.9	8.8	3728	<1	0.76	0.53	24.31%
DD004C	DD004C-469	429.3	430.1	2716.9	73.3	21.7	49	119.3	10.6	1254	1.1	1187	324.2	176.1	15.6	2.1	260.1	6.8	3560	<1	0.73	0.51	24.17%
DD004C	DD004C-470	430.1	431	2695.7	68.8	21.5	48.3	114.1	10.2	1246	1.2	1206	325.6	175.2	14.2	2.1	248.1	9.2	3289	<1	0.73	0.47	24.63%
DD004C	DD004C-471	431	432	2957.3	65.4	20.7	53.5	122.3	9.7	1394	1.3	1312	354.3	192	14	2.1	234.6	10	1011	<1	0.79	0.14	24.60%
DD004C	DD004C-472	432	433	2861	55.9	18	50.2	111.9	8.3	1322	1.1	1263	341.8	182.6	12.5	1.9	201.8	8.3	916	2	0.76	0.13	24.81%
DD004C	DD004C-473	433	434	2083.6	43	14.7	34.7	80.5	6.9	968.3	0.9	891.7	243.5	129.7	9.3	1.6	167.7	6.9	2574	2	0.55	0.37	24.13%
DD004C	DD004C-474	434	435	2860	56	17.6	46	103.1	8.4	1397	0.9	1237	339.4	171.4	11.8	1.7	204.9	7	1147	<1	0.76	0.16	24.29%
DD004C	DD004C-475	435	436	2284	48.9	15.6	37.4	88.6	7.2	1078	0.8	958.4	266.7	137.5	10.4	1.5	180.4	6.3	5457	1	0.60	0.78	23.80%
DD004C	DD004C-476	436	437.2	2505.5	48.9	14.9	42.3	96.7	7.3	1210	0.9	1062	292.7	153.7	11.2	1.5	176.8	6.8	737	1	0.66	0.11	23.95%
DD004C	DD004C-477	437.2	438.4	2300	47.6	14.3	41.3	92.3	7.2	1092	0.8	991.9	269.9	145.1	10.6	1.5	167	6.3	1922	2	0.61	0.28	24.22%
DD004C	DD004C-478	438.4	439.6	2665.9	55.5	17.2	45.6	103.1	8.3	1261	1	1158	314.1	165.2	11.9	1.8	201.4	7.6	588	2	0.71	0.08	24.35%
DD004C	DD004C-479	439.6	440.4	2508.4	49.5	14.6	43.4	97.9	7.3	1213	0.8	1083	291.7	156	11.2	1.5	173.6	6.2	749	<1	0.66	0.11	24.19%
DD004C	DD004C-480	439.6	440.4	852.1	23.6	9	12.6	34	3.7	487.1	0.6	303.7	88.5	42.4	4.4	1	99.7	5	357	70	0.23	0.05	19.81%
DD004C	DD004C-481	440.4	441	2555.2	49.6	15.1	46	104.2	7.3	1200	0.8	1118	304	167	11.6	1.4	170.5	6	298	1	0.67	0.04	24.60%
DD004C	DD004C-482	441	442	3374.1	58.3	16.4	57.6	125.5	7.7	1660	0.8	1453	400.5	209.2	14.1	1.4	188.2	6.4	105	1	0.89	0.02	24.38%
DD004C	DD004C-483	442	443	3828	68.4	19.1	63.7	142.3	9.4	1870	1	1632	450.2	232.8	16	1.9	219.8	8.2	215	1	1.00	0.03	24.22%
DD004C	DD004C-484	443	444	2964.3	56.1	16.3	48.9	111.3	8	1244	1.0	1244	346.9	178.2	12.7	1.6	186.8	7.3	443	2	0.78	0.06	23.85%
DD004C	DD004C-485	444	445	2518	56.9	16.8	47.5	110	8.1	1185	0.9	1090	296.1	167	12.6	1.5	197.3	7.3	111	<1	0.67	0.02	24.14%
DD004C	DD004C-486	445	446	2346.9	52.5	15.7	41.1	97.4	7.6	1117	0.9	1007	275.5	144.5	11.4	1.6	189.4	6.8	278	3	0.62	0.04	24.01%
DD004C	DD004C-487	446	447	2415.4	56	17.6	41.6	99.6	8.1	1140	0.9	1038	285.5	152.6	12	1.8	199.5	6.9	821	1	0.64	0.12	24.06%
DD004C	DD004C-488	447	447.9	1439	44.																		

## Drill Collar DD004C (cont.)

Hole_ID	Sample No	Depth_From (m)	Depth_To (m)	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	La ppm	Nd ppm	Pr ppm	Sm ppm	Tb ppm	Tm ppm	Y ppm	Yb ppm	Nb ppm	Mo ppm	TREO%	Nb2O5%	NdPr%	
DD004C	DD004C-521	476.6	477.3	516.4	8.7	3.3	5.3	13.9	1.5	300.6	0.4	163.5	50.8	21.9	1.7	0	37	2.7	1253	9	0.13	0.18	18.91%
DD004C	DD004C-522	477.3	478	823	22.6	7.5	11.8	34.6	3.6	435.3	0.5	294.9	84.7	46.3	4.7	0.8	88.6	3.8	1021	16	0.22	0.15	20.26%
DD004C	DD004C-523	478	478.86	964.7	13.7	4.5	11.4	26.7	2	546.9	0.4	316.2	96.3	43.3	3.1	0.7	52.2	3.2	507	14	0.24	0.07	19.70%
DD004C	DD004C-524	478.86	480.2	3289.1	68.9	21.4	56.1	128.8	10.4	1486	1.5	1457	388.4	203.5	15.6	2.3	260.6	11	2987	5	0.87	0.43	24.82%
DD004C	DD004C-525	480.2	481.6	2866.5	53.7	16.2	49.4	111.3	7.7	1359	1.1	1271	338.3	185.7	12.4	1.7	193.9	7.8	108	3	0.76	0.02	24.75%
DD004C	DD004C-526	481.6	482.5	2871.1	58.2	17	53.8	123.1	7.9	1315	1.2	1308	339.4	192.1	13.7	1.9	202.9	8.7	<1	0.76	0.01	25.18%	
DD004C	DD004C-527	482.5	483.5	1455.7	26.6	8.4	23.8	53.1	4.6	702.7	0.5	589.9	162.8	86.1	7.1	1.8	90.4	4.1	598	8	0.38	0.09	23.29%
DD004C	DD004C-528	483.5	484.3	2435.7	44	12.4	42.9	96.1	5.9	1076	0.8	1077	281.8	160.5	10.5	1.3	151.1	6.2	2623	2	0.63	0.38	25.05%
DD004C	DD004C-529	484.3	485.2	2267	42	11.8	40.1	89.1	5.8	1011	0.8	992.9	265.9	144.3	10	1.3	148.5	6.1	3186	1	0.59	0.46	24.89%
DD004C	DD004C-530	485.2	486.1	1963.3	33.6	10.1	33.1	72.5	4.9	857.5	0.7	836.9	224.9	122.5	8.2	1.1	127.1	5.4	4607	2	0.50	0.66	24.58%
DD004C	DD004C-531	486.1	487.3	2801.2	50.1	14	48.7	110.6	6.6	1247	1	1227	327	176.1	12.4	1.5	178.2	7.4	2180	2	0.73	0.31	24.93%
DD004C	DD004C-532	486.1	487.3	2753.5	50	14.8	49.2	109.7	7	1231	1	1206	321.8	180.8	12.2	1.6	178.7	7.4	2451	1	0.72	0.35	24.84%
DD004C	DD004C-533	487.3	488.1	1893.2	25.6	8.2	25.7	55.3	3.6	897.8	0.7	772.3	208.6	105.4	6	0.9	95.7	5.3	1367	6	0.48	0.20	23.80%
DD004C	DD004C-534	488.1	489	521.8	4.6	1.6	3.8	9.6	0.7	353.3	0.3	130.5	45.6	16	1.2	0	19.3	2.1	556	17	0.13	0.08	15.80%
DD004C	DD004C-535	489	490	508.7	7.6	2.9	6.5	14.8	1.2	290.5	0.4	169.3	51.8	23.9	1.7	0	30.9	2.7	569	30	0.13	0.08	19.78%
DD004C	DD004C-536	490	491	501.3	11.2	4.2	7.4	18.8	1.7	281.3	0.5	173.9	51.3	28.5	2.4	0.6	46.5	4	413	14	0.13	0.06	19.76%
DD004C	DD004C-537	491	492	274	12	5.8	5	14.5	2.3	411.1	0.7	110.6	30.1	19	2.2	0.9	61.4	5.3	523	39	0.08	0.07	20.36%
DD004C	DD004C-538	492	493	737.3	19.5	10.4	10.3	27.6	3.6	394.7	1.1	269.9	77.6	39.5	3.5	1.5	104.5	8.5	478	6	0.20	0.07	20.19%
DD004C	DD004C-539	493	494	519.3	17.3	8.4	7.6	23.1	3.1	290.5	0.9	179.9	52.5	28.7	3	1.2	88	6.5	263	4	0.14	0.04	18.75%
DD004C	DD004C-540	494	494.8	409.2	19.8	10.7	6.7	22.6	3.9	215.5	1.3	156.9	42.4	26	3.5	1.6	114.4	9.5	244	32	0.12	0.03	18.89%
DD004C	DD004C-541	494.8	495.7	479.5	13.6	6.1	8.2	23	2.4	247.4	0.9	196.2	54.7	29.9	2.9	0.9	65.5	6.9	389	8	0.13	0.06	21.91%
DD004C	DD004C-542	495.7	496.7	474.5	12.3	4.2	7.5	21.1	1.9	268.7	0.5	167.4	49.3	27.9	2.5	0.5	48	3.9	348	29	0.13	0.05	19.77%
DD004C	DD004C-543	496.7	497.7	298.1	11.3	5.9	4.7	14	2.2	177	0.8	102.1	30.3	15.4	2	1	56.3	5.7	265	9	0.09	0.04	18.07%
DD004C	DD004C-544	497.7	498.6	420.8	6	2.6	5.4	13.3	0.9	231.7	0.6	153.7	43.8	22	1.4	0.5	26.5	4.2	359	3	0.11	0.05	21.07%
DD004C	DD004C-545	498.6	500	476.2	17.2	8.9	6.9	22.2	3.2	261.5	1.2	169.9	48.9	26.9	3.1	1.4	94	8.9	304	20	0.14	0.04	18.86%
DD004C	DD004C-546	500	500.8	484.2	18.5	8.7	7.4	23.5	3.4	265.6	1.1	177.3	50.8	26.5	3.3	1.3	95	8.5	305	21	0.14	0.04	19.25%
DD004C	DD004C-547	500	501	795.1	27.6	12.3	13.7	39.9	4.8	419.9	1.3	314.6	85.3	51.3	5.2	1.7	132	9.7	615	11	0.23	0.09	20.74%
DD004C	DD004C-548	501	502	258.1	8.4	4.1	3.2	10.1	1.7	149	0.6	85.8	25.4	12.9	1.6	0.8	44.8	4.8	335	4	0.07	0.05	18.05%
DD004C	DD004C-549	502	503	185.2	19.9	13.2	4.8	17.1	4.3	102.4	1.6	69.5	19.4	14.9	3.3	1.9	125.1	11.6	216	5	0.07	0.03	14.70%
DD004C	DD004C-550	503	504	671.1	36.8	18	11.3	34.3	6.7	347.7	1.6	259.4	72.9	40.7	5.8	2.2	179.9	12	330	6	0.20	0.05	19.35%
DD004C	DD004C-551	504	504.8	535.2	32	18	7.3	25.7	6.7	286.3	1.6	192.2	55	26.5	4.8	2.2	187.1	12.4	271	11	0.16	0.04	17.53%
DD004C	DD004C-552	504.8	505.8	1302.4	50.8	18.3	23.5	65.4	8.3	625.9	1.5	533.9	144.6	80.2	9.7	2.2	213.7	11.6	760	4	0.36	0.11	21.78%
DD004C	DD004C-553	505.8	506.8	2437.6	45.1	15.1	38.9	87.6	7	1133	0.9	1018	271.4	146.3	10	1.6	187.4	7	416	2	0.63	0.06	23.74%
DD004C	DD004C-554	506.8	507.8	2524.8	49	13.4	40.6	93.1	6.7	1167	0.8	1048	285.3	147.8	11	1.5	178.9	6	2052	2	0.65	0.29	23.78%
DD004C	DD004C-555	507.8	508.8	2614.5	50.5	13.4	42	100.5	7.1	1189	0.7	1098	296.7	159.7	11.8	1.3	177	5.3	2424	2	0.68	0.35	24.07%
DD004C	DD004C-556	508.8	509.8	2504.3	78.8	21.5	46	121.3	11.3	1151	1.2	1064	286.4	155.9	16.2	2.3	283.9	9.2	5221	<1	0.68	0.75	23.34%
DD004C	DD004C-557	509.8	510.8	2714.3	53	13.6	44.6	101.6	6.9	1269	0.7	1165	311.2	166.6	11.5	1.3	178.3	5.5	958	3	0.71	0.14	24.32%
DD004C	DD004C-558	510.8	510.8	2842.5	55.8	14.5	47.3	110	7.5	1346	0.8	1230	321.2	175.1	12.9	1.5	195.4	5.8	648	2	0.75	0.09	24.38%
DD004C	DD004C-559	510.8	511.8	2661	53.8	14.4	45.2	100.9	7.3	1245	0.7	1140	307.4	166.6	11.7	1.3	187.5	5.3	628	1	0.70	0.09	24.22%
DD004C	DD004C-560	511.8	512.7	2763.1	55.7	14.8	46.2	107.2	7.6	1309	0.8	1182	314.2	170.3	12.7	1.4	197	6.2	1518	4	0.73	0.22	24.07%
DD004C	DD004C-561	512.7	513.4	2876.5	67.3	18	50.1	117.7	9.2	1356	1	1227	328.9	182.4	14.8	1.7	237.3	7.6	1679	2	0.76	0.24	23.84%
DD004C	DD004C-562	513.4	514.3	3061.5	61.1	15.7	49.1	115.3	8.4	1258	0.9	1258	346.1	176.8	14.2	1.5	211.8	7	611	<1	0.80	0.09	23.32%
DD004C	DD004C-563	514.3	515.4	2974.1	65	16.6	49.6	118.4	8.8	1444	0.9	1279	341.3	183.9	14.4	1.5	225.2	7.1	860	3	0.79	0.12	23.97%

## Drill Collar DD005

Hole_ID	Sample No	Depth_From (m)	Depth_To (m)	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	La ppm	Nd ppm	Pr ppm	Sm ppm	Tb ppm	Tm ppm	Y ppm	Yb ppm	Nb ppm	Mo ppm	TREO %	Nb2O5 %	NdPr%	
DD005	DD005001	0	1	3850.2	84.1	29.4	52.7	125.5	14.2	2200.2	1.8	1435	414.7	194	16	3.2	359.4	14.3	1538	134	1.03	0.22	20.92%
DD005	DD005002	1	2	8954.3	48.8	15.3	53.8	114.8	7	6937.1	0.9	2159	766.6	222									



Drill Collar DD005 (cont.)

Hole_ID	Sample No	Depth_From (m)	Depth_To (m)	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	La ppm	Lu ppm	Nd ppm	Pr ppm	Sm ppm	Tb ppm	Tm ppm	Y ppm	Yb ppm	Nb ppm	Mo ppm	TREO %	Nb205 %	NdPr%
DD005	DD005031	30	31	10087.2	26.3	7.1	43	87.6	3.3	8559.7	0.4	2043	788.5	181	8.2	0.7	76.4	3.2	809	111	2.57	0.12	12.88%
DD005	DD005032	31	32	11838.5	37	11	53.5	109.5	4.8	9835.2	0.6	2461	925.9	227.8	10.7	1	111.3	4.7	1435	320	3.00	0.21	13.17%
DD005	DD005033	32	33	8027.1	53.6	20	50.2	109.9	8.3	5783.4	1.2	2042	702.9	206.2	12	2	215.9	10.1	950	295	2.02	0.14	15.86%
DD005	DD005034	33	34	10295.5	42	13.7	46	102.2	6	9079.7	0.9	1918	769.2	177.1	11.1	1.5	153.9	7.4	845	254	2.65	0.12	11.84%
DD005	DD005035	34	35	2225.6	37.4	12.3	21.2	55.1	5.9	1440.3	0.9	666.4	212.3	80.2	7.3	1.3	148	7.6	661	193	0.58	0.09	17.77%
DD005	DD005036	35	36	13382.7	26.8	8.4	39.5	84.9	3.7	12184	0.4	2304	959.7	179.8	8.4	0.7	84.3	3.5	949	521	3.43	0.14	11.11%
DD005	DD005037	36	37	14607.9	21.8	6.7	50.5	101.5	2.6	13242	0.3	2704	1073	235.8	8.2	<0.5	61.5	2.3	467	180	3.76	0.07	11.72%
DD005	DD005038	37	38	6895.5	22.4	6.2	37.5	79	2.8	5232.2	0.3	1553	572	147.7	7	0.6	66.2	2.8	2234	757	1.71	0.32	14.48%
DD005	DD005039	38	39	4887.3	61.3	22.1	47.5	113.6	9.8	3530.6	1.5	1376	440.5	173	13.3	2.4	252.7	12.4	1976	357	1.28	0.28	16.53%
DD005	DD005040	39	40	1724.3	40.7	14.1	26.2	60.8	6.5	984.9	0.8	640	182.4	92.8	8	1.4	167	6.7	4290	94	0.46	0.61	20.67%
DD005	DD005041	40	41	3235.3	51.6	16.4	41.2	95.6	7.5	1990.5	0.9	1117	328.8	151.1	11	1.7	194.5	7.5	3173	174	0.85	0.45	19.85%
DD005	DD005042	41	42	3464.9	45	14	32.3	77.2	6.7	2318.9	0.8	983.3	322.8	118	9.6	1.4	176.2	6.8	2149	275	0.89	0.31	17.16%
DD005	DD005043	42	43	14245.9	22.2	6.2	43.9	86	2.4	12922	0.3	2510	1030	195.4	8.1	<0.5	55.3	2.3	166	182	3.65	0.02	11.33%
DD005	DD005044	43	44	12801.8	23.5	7.5	44.3	86.4	3	11556	0.4	2361	938.4	201.7	7.6	0.6	72.4	2.9	1260	145	3.29	0.18	11.70%
DD005	DD005045	44	45	7174.9	25.3	8.3	35.5	71.4	3.6	5834.2	0.5	1614	586	153.6	6.8	0.9	94.2	4.3	1370	100	1.83	0.20	14.04%
DD005	DD005046	45	46	14803	34.8	10.1	55.1	112	4.4	12768	0.5	2803	1104	237.3	10.7	0.8	102.2	4	554	325	3.75	0.08	12.15%
DD005	DD005047	46	47	15903.5	25.6	7.2	49.4	102.3	2.8	14516	0.4	2776	1136	216.1	9.6	0.5	65.5	2.9	99	42	4.08	0.01	11.20%
DD005	DD005048	47	48	11256.3	38.5	11.2	50.6	110.1	4.9	7159.5	0.7	2269	865.1	209.8	10.9	1.1	123.4	5.8	1829	96	2.89	0.26	12.66%
DD005	DD005049	48	49	3009	85.7	31.2	56.3	136.4	14.1	1524.4	0.2	1255	343.7	189.3	16.7	3.4	367.3	16.7	1425	28	0.83	0.20	22.53%
DD005	DD005050	49	50	2800.5	58.7	19.5	43.5	99.2	9.5	1392.3	1.1	1134	315.5	155.6	11.9	2	236.3	8.6	914	56	0.74	0.13	22.94%
DD005	DD005051	50	51	7841.8	46.8	14.9	39.3	89	7	6545.8	0.8	1691	627.2	160.5	10.2	1.5	172.1	6.8	1083	53	2.02	0.15	13.38%
DD005	DD005052	51	52	13630.2	28	8.1	44.4	89.9	3.8	12271	0.4	2401	985.3	196.8	8.8	0.7	83.2	3.2	1102	247	3.49	0.16	11.34%
DD005	DD005053	52	53	16575	27	8.5	46.2	93.3	3.3	15389	0.4	2827	1180	211.2	8.8	0.7	80.9	3.5	96	36	4.27	0.01	10.96%
DD005	DD005054	53	54	16317.9	25.2	7.3	45.6	93.2	3	15263	0.4	2749	1149	207.7	8.7	0.6	71.9	2.9	60	34	4.21	0.01	10.81%
DD005	DD005055	54	55	4820	20.7	6.6	32.3	64.3	2.9	3459.2	0.5	1266	429.4	134.9	5.5	0.7	69.5	3.7	1394	108	1.21	0.20	16.38%
DD005	DD005056	55	56	13694.8	30.1	8.6	56.3	114	3.8	12461	0.5	2537	1008	242.5	10.4	0.7	84.2	3.7	2181	543	3.54	0.31	11.68%
DD005	DD005057	56	57	8162.7	26.2	9.2	38.5	73	3.9	6463	0.5	1840	674.8	170.5	6.8	0.9	100	4.1	1195	276	2.06	0.17	14.26%
DD005	DD005058	57	58	5949.2	28.4	8.9	32.2	68.5	3.9	4672	0.7	1345	490.9	136.3	7.1	1	95.7	5.4	962	209	1.50	0.14	14.24%
DD005	DD005059	58	59	9816.7	22	7.6	39.5	77.5	3.1	8146.4	0.4	2015	771.5	177	6.7	0.7	76.2	3.5	1118	210	2.48	0.16	13.12%
DD005	DD005060	59	60	13185.6	34.6	8.8	49.2	100.9	4.4	11818	0.5	2486	979.1	211.8	9.9	0.8	98	3.8	295	209	3.40	0.04	11.91%
DD005	DD005061	60	61	12167.9	37.9	9.5	55.8	112.6	4.5	10750	0.5	2429	928.2	233.4	10.9	0.9	107.7	4	207	172	3.15	0.03	12.46%
DD005	DD005062	61	62	11593.4	26	7.6	41.7	85.2	3.3	10538	0.4	2102	848.2	177	8.4	0.6	77.8	3	764	426	2.99	0.11	11.52%
DD005	DD005063	62	63	12017.6	32.2	8.8	46.2	99.1	3.9	10598	0.5	2296	906	209.2	9.5	0.7	93.4	3.7	811	329	3.08	0.12	12.12%
DD005	DD005064	63	64	9955	31	9.1	44.8	95.1	3.9	8388	0.5	2061	775.4	193.3	9	0.7	88.4	4	727	137	2.54	0.10	13.05%
DD005	DD005065	64	65	2780.5	42	16.4	28	66.7	7.2	1727	1.3	874.5	272.9	111.8	8	1.9	184.1	10.2	1509	66	0.72	0.22	18.62%
DD005	DD005066	65	66	10663.3	25.4	10.5	14.4	35.5	4.7	615.8	0.8	380	112.6	52.7	4.4	1.2	119.9	6.7	891	34	0.29	0.13	19.99%
DD005	DD005067	66	67	6092.7	26.4	9.5	28.8	62.1	4	5247.2	0.7	1254	473.6	119.1	6.6	1	107.1	5.7	814	58	1.57	0.12	12.81%
DD005	DD005068	67	68	4202.7	53.8	16	42.8	101.3	7.7	2869.8	0.8	1281	397.5	164.3	11.7	1.5	191.2	6.3	3120	65	1.10	0.45	17.88%
DD005	DD005069	68	69	2223.5	58.5	19.7	39.6	94.4	9.2	1103.4	0.9	959.1	257.7	140.7	11.6	1.9	232.4	7.3	4871	73	0.61	0.10	23.45%
DD005	DD005070	69	70	5509.0	58	20.2	43.8	105.2	9.3	4298.3	1.5	1408	480.9	160.2	12.7	2.3	231.5	12	1221	107	1.46	0.17	15.13%
DD005	DD005071	70	71	11827.7	20.7	5.6	42.3	85.3	2.4	10520	0.3	2226	882.8	184.2	7.5	<0.5	55.3	2.1	456	231	3.03	0.07	11.98%
DD005	DD005072	71	72	9392.7	34.2	11.4	41.7	87.2	4.8	7883.5	0.7	2007	742.2	183.1	8.9	1.2	126.3	5.6	1308	175	2.41	0.19	13.34%
DD005	DD005073	72	73	5163.3	39.4	11.7	39.8	89.9	5.6	3845.3	0.9	1306	449.4	149.2	9.9	1.3	134.9	7.5	1518	401	1.32	0.22	15.54%
DD005	DD005074	73	74	5619.4	28.4	8.8	38.1	82	3.8	4169.4	0.6	1418	494	157	7.9	0.9	98.2	5	2028	336	1.42	0.29	15.71%
DD005	DD005075	74	75	2414.6	24	8.5	22.6	49.6	3.5	1419.2	0.6	740.6	235.6	87.8	5.6	0.8	94.8	4.9	380	11	0.60	0.09	19.02%
DD005	DD005076	75	76	2716.1	35.5	11.3	28.3	66.7	5	1598	0.9	839	266.7	107.7	7.6	1.3	128.1	7.7	670	118	0.68	0.10	18.92%
DD005	DD005077	76	77	3197.8	30.7	9.5	32.2	71.3	4.8	1827.8	0.6	1012	318.6	128.3	7.6	1	117.3	4.9	975	315	0.79	0.14	19.60%
DD005	DD005078	77	78	3029.6	23.6	9.2	35.2	67.5	3.6	2153.6	0.7	1284	402.1	151.3	6.2	1.1	89.1	5.7	2576	602	0.96	0.37	20.60%
DD005	DD005079	78	79	3259.5	36.2	11.7	33.5	78.8	5.4	1902.4	0.8												



Drill Collar DD005 (cont.)

Hole_ID	Sample No	Depth_From (m)	Depth_To (m)	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	La ppm	Lu ppm	Nd ppm	Pr ppm	Sm ppm	Tb ppm	Tm ppm	Y ppm	Yb ppm	Nb ppm	Mo ppm	TREO %	Nb205 %	NdPr%
DD005	DD005111	110	111	379.5	22.6	11.4	6.7	21.1	4.6	226.8	1	135.3	38.1	23.8	3.5	1.5	126.8	8.2	259	10	0.12	0.04	16.95%
DD005	DD005112	111	112	184.6	8	4.7	3.1	9.3	1.7	105.4	0.6	65.8	19.1	11.3	1.3	0.8	46.7	4.8	227	4	0.06	0.03	18.00%
DD005	DD005113	112	113	370.2	15.7	8.1	7.3	19.9	2.9	213.9	0.8	142.5	39.4	25.5	2.6	1.1	85.1	6.5	348	19	0.11	0.09	19.15%
DD005	DD005114	113	114	249.1	15.2	7.8	4.9	15.7	2.9	159.9	1	82.3	24.7	15.5	2.2	1.3	85.5	8.4	142	44	0.08	0.02	15.64%
DD005	DD005115	114	115	130	9.7	5.2	2.8	9.6	2	82.6	0.7	46.1	13.2	9.7	1.4	0.9	59.5	5.9	90	5	0.04	0.03	15.42%
DD005	DD005116	115	116	5132.6	25.5	8.8	26	57.9	3.9	4339.5	0.6	1078	399.3	107.3	6	1	96.3	5.2	197	18	1.32	0.03	13.04%
DD005	DD005117	116	117	2360.1	52.6	16	39.4	94.6	7.9	1281.7	1	904.6	253.6	139.1	11.2	1.8	198.7	8.6	1311	32	0.63	0.19	21.46%
DD005	DD005118	117	118	3062.1	37.4	10.6	39.8	85.9	5.2	1745	0.6	1134	322.1	153.6	8.7	1.1	130.5	5.2	758	71	0.79	0.11	21.51%
DD005	DD005119	118	119	2014.5	39.8	12.4	29.1	71	5.9	1147.2	0.9	734.6	210.1	107.3	8.3	1.5	152.5	6.9	791	37	0.53	0.11	20.70%
DD005	DD005120	119	120	1582.7	14.4	4.9	14.8	32.7	2.2	996.8	0.4	483.2	151.5	60.7	3.3	0.6	56	3.4	1141	120	0.40	0.16	18.55%
DD005	DD005121	120	121	2370.9	20.7	6.7	23.8	48.9	3.2	1469.7	0.5	734.6	226.2	94.4	4.9	0.8	80.3	3.8	1558	251	0.60	0.22	18.81%
DD005	DD005122	121	122	2171.8	28.6	8.8	26.7	58.7	4.1	1328.9	0.7	693.7	211.1	99.8	6.4	1	107.8	5.4	1027	106	0.56	0.15	18.95%
DD005	DD005123	122	123	1047.5	17.4	5.2	15.1	33.4	2.6	646.8	0.4	355.4	105.7	53.7	3.8	0.6	65.2	3.3	564	129	0.28	0.08	19.48%
DD005	DD005124	123	124	1365.4	33.7	11.4	23.2	54.3	5.4	761.1	0.8	521.5	147.2	83.3	6.6	1.2	137.7	6.3	482	44	0.37	0.07	21.05%
DD005	DD005125	124	125	1486.3	23.6	8.3	19.4	44.9	3.9	842.1	0.5	530.7	155.5	73.1	5	0.8	98.6	4.3	635	79	0.39	0.09	20.72%
DD005	DD005126	125	126	1798.3	28.6	10.8	16.3	42.9	4.9	1248.8	0.8	470.4	157.5	59.5	5.6	1.3	126.9	6.7	446	68	0.47	0.06	15.70%
DD005	DD005127	126	127	1165.6	10.8	3.7	11.3	23.8	1.6	751.1	0.2	346.2	112.4	45.4	2.5	<0.5	40.2	1.9	566	117	0.29	0.08	18.15%
DD005	DD005128	127	128	2111.2	26.1	9.6	19.6	46.9	4.2	1386.9	0.7	576.3	192.4	73	5.4	1.1	111.6	5.4	913	35	0.54	0.13	16.74%
DD005	DD005129	128	129	758.3	7.4	2.2	7	15.4	1	465.1	0.1	223.5	71.9	28.1	1.8	<0.5	26.3	1.2	236	243	0.19	0.03	18.29%
DD005	DD005130	129	130	522.5	9.9	3.9	5.9	14.5	1.7	309.7	0.4	162.6	51	22.3	1.8	0.6	47.5	3.6	173	109	0.14	0.02	18.34%
DD005	DD005131	130	131	162.3	11.4	6	3.3	11.6	2.2	92.7	0.7	54.7	16.2	10.6	1.8	0.9	63.6	5.4	86	6	0.05	0.01	15.79%
DD005	DD005132	131	132	412.2	33.2	15.4	18.8	34.2	6.3	238.7	1.2	137.9	42.9	30	5.3	2	169.8	10.1	185	20	0.14	0.03	15.52%
DD005	DD005133	132	133	2511.7	22.1	8.3	28	57.1	3.3	1331.9	0.6	937.1	272.1	117.5	5.5	0.9	84.8	4.5	360	24	0.63	0.09	22.37%
DD005	DD005134	133	134	1063.2	13.9	4.7	15.6	32.9	2.1	573.8	0.3	411.2	115.4	56.1	3.4	<0.5	51.8	2.4	629	21	0.28	0.09	22.35%
DD005	DD005135	134	135	1013.7	8.5	3.2	9.5	19	1.3	668.3	0.2	298.3	95.8	37.6	2	<0.5	34.3	1.8	474	150	0.26	0.07	17.90%
DD005	DD005136	135	136	1618.5	18.6	6.7	14.7	34.5	3	1045.4	0.6	449.6	151.9	57.7	3.9	0.8	78.8	4.5	702	164	0.41	0.10	17.16%
DD005	DD005137	136	137	347.6	12.8	5.9	6	16.8	2.3	206.1	0.6	120.7	35.5	20.3	2.4	0.7	64.3	4.7	218	48	0.10	0.03	18.30%
DD005	DD005138	137	138	1609.9	13.7	5.9	12.5	28.1	2.2	1087.2	0.5	458.4	149.4	51.7	3	0.7	62.7	3.7	603	153	0.41	0.09	17.35%
DD005	DD005139	138	139	1224.4	12	5.4	10.7	23.4	2.1	774.3	0.5	367.8	115.2	45.9	2.6	0.8	58	4.1	620	100	0.31	0.09	18.17%
DD005	DD005140	139	140	2315.8	43.3	16.5	32.3	78.6	7.2	1176.1	1	871.5	250.3	119.1	9.1	1.8	184.2	9.2	830	26	0.60	0.12	21.82%
DD005	DD005141	140	141	1270.8	17	7.2	14.2	32.7	3	723.5	0.7	426.4	130.8	52.5	3.6	0.9	78.6	5.3	881	36	0.32	0.13	20.04%
DD005	DD005142	141	142	1490.6	20.9	7.5	18.4	40.9	3.3	841.1	0.6	509.3	152.9	67.3	4.6	0.9	85.9	4.9	632	39	0.38	0.09	20.29%
DD005	DD005143	142	143	1334	17.5	6.8	14.9	34.2	2.7	818.9	0.6	433.1	132.7	56.1	3.5	0.8	73.1	4.6	596	39	0.34	0.09	19.20%
DD005	DD005144	143	144	1095.1	13.7	4.9	11.8	27.2	2.3	667.5	0.4	345	106.7	43	2.9	0.6	59.6	3.5	600	26	0.26	0.09	18.86%
DD005	DD005145	144	145	1195.4	14.5	5.2	11.6	26.8	2.2	792.3	0.4	351.9	111.7	44.7	3	0.6	59.5	3.5	684	66	0.31	0.10	17.60%
DD005	DD005146	145	146	1831.9	22.6	8.1	17.7	40.2	3.9	1232.1	0.7	513.4	168.4	64.2	4.6	1	95.5	5.4	661	74	0.47	0.09	16.93%
DD005	DD005147	146	147	1499.5	23.6	8.8	13.4	33.1	3.8	1063	0.6	401.4	134.1	50.4	4.4	0.9	104.9	5.1	613	83	0.39	0.09	15.92%
DD005	DD005148	147	148	1580.8	35.6	14.5	18	45.3	6.3	1005.2	1	484.3	152.6	64.3	6.3	1.7	164.8	9.1	793	61	0.42	0.11	17.64%
DD005	DD005149	148	149	989.4	15.2	6.7	10.8	25.4	2.6	609.4	0.6	314.9	98	41.4	2.9	0.8	69.4	5	1078	35	0.26	0.09	18.74%
DD005	DD005150	149	150	1179.5	18.5	7.1	10.8	26.1	3	803.5	0.5	331.1	108.7	40.7	3.2	0.9	82.3	4.5	509	49	0.31	0.07	16.70%
DD005	DD005151	150	151	1732.2	28.7	12.2	18.9	43.1	5.2	1120.6	0.9	528.8	166	67.7	5.4	1.3	130.3	7.4	644	42	0.45	0.09	17.87%
DD005	DD005152	151	152	2389	20.3	8	17.4	37.5	3.5	1513.2	0.6	667.3	220	72.5	4.3	0.9	89	5	672	161	0.59	0.10	17.50%
DD005	DD005153	152	153	2134.9	24	9.3	17	41.1	4.1	1388.4	0.7	598.6	196.4	69.4	5	1	103.7	5.3	630	175	0.54	0.09	17.21%
DD005	DD005154	153	154	1829	25.7	8.4	16.7	41.2	3.8	1180.8	0.6	521.3	170.2	65.7	5.1	0.9	102	4.8	571	48	0.47	0.08	17.31%
DD005	DD005155	154	155	1684.4	30.5	10.5	18.7	45.8	5	1075.7	0.7	516.9	161.9	71.5	5.9	1.2	130.4	6.1	701	100	0.44	0.10	17.94%
DD005	DD005156	155	156	619.6	17	7.7	9.4	23.8	3.1	412.3	0.7	206.9	63.5	32.3	3	1	87.2	5.9	466	26	0.18	0.07	17.98%
DD005	DD005157	156	157	1152.9	18	8.2	12.7	29.7	3.3	702.1	0.8	340.4	106.3	44.5	3.6	1	87.8	6.2	654	36	0.30	0.09	17.65%
DD005	DD005158	157	158	1048.7	13.4	5.8	10.8	24	2.3	702.7	0.8	310.2	98.5	39.4	2.7	0.8	63.8	4.6	626	37	0.27	0.09	17.47%
DD005	DD005159	158	159	1203.5	23	9.6	14.3	35.3	3.9	752.7	1	377.3	116.8	50.3	4.6	1.3							



Drill Collar DD005 (cont.)

Hole_ID	Sample No	Depth_From (m)	Depth_To (m)	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	La ppm	Lu ppm	Nd ppm	Pr ppm	Sm ppm	Tb ppm	Tm ppm	Y ppm	Yb ppm	Nb ppm	Mo ppm	TREO %	Nb205 %	NdPr%
DD005	DD005192	191	192	5227.2	22.3	6.7	25.3	57.3	3.2	4114	0.6	1100	421.2	102.3	6.1	0.7	74.7	5.1	719	137	1.31	0.10	13.57%
DD005	DD005193	192	193	6597	22.4	7.1	51	95.7	3.2	4338.3	0.6	1850	609.3	213.7	6.7	0.8	79.4	4.7	567	41	1.63	0.08	17.66%
DD005	DD005194	193	194	5791.4	18.5	6.5	44.3	77	2.5	3281.1	0.5	1945	594.5	207.9	5.5	0.7	71.8	4.2	920	36	1.41	0.13	21.01%
DD005	DD005195	194	195	4016.7	68.6	22.7	52.9	124	10.4	2209.2	2.1	1392	417.3	189.4	14.9	2.7	271.9	17.2	2545	44	1.03	0.36	20.44%
DD005	DD005196	195	196	5097.6	25.5	7.4	48.1	94.2	3.1	3091.5	0.6	1601	501.4	194.3	7.4	0.7	80.1	4.9	2130	90	1.26	0.30	19.48%
DD005	DD005197	196	197	2491.1	51.5	19.3	28	73.2	8.6	1519.4	1.4	758.8	236.7	102.4	10.1	2	219.8	11.4	1155	126	0.65	0.17	17.89%
DD005	DD005198	197	198	2756.2	25	8.7	31.2	62.6	3.8	1547.7	0.7	888	272.1	115.9	6.1	0.9	95	5.4	992	350	0.68	0.14	19.86%
DD005	DD005199	198	199	747.7	44.4	18.8	16.8	48.7	8	375.9	1.4	312.4	83.1	54.7	7.5	2	206.8	11.5	1075	12	0.23	0.15	20.19%
DD005	DD005200	199	200	4417.8	55	18.3	48.6	105.6	8.2	2740.8	1.2	1406	426.1	181.2	11.9	1.8	209	10.2	1832	419	1.13	0.26	18.92%
DD005	DD005201	200	201	1958.9	31.3	12	20.5	48.9	5.1	1139	1	592.3	189.1	78.7	6.1	1.3	133.7	7.9	380	123	0.50	0.05	18.40%
DD005	DD005202	201	202	5471.1	27.1	7.3	50	99.6	3.5	3675.9	0.6	1544	502.5	196.1	8.4	0.8	85.9	4.6	742	147	1.37	0.11	17.47%
DD005	DD005203	202	203	4164.3	63.5	20.5	41.4	100.8	9.6	2298.9	1.5	1353	421.3	162.1	13.1	2.1	247.1	12.4	1890	293	1.05	0.27	19.82%
DD005	DD005204	203	204	4050	64	22.6	49.9	120.9	9.8	2538.4	1.7	1270	396.7	173.8	14.2	2.2	259.6	14.2	1874	129	1.05	0.27	18.45%
DD005	DD005205	204	205	3023.4	30.6	10.4	25.8	58.7	4.7	1998.1	0.7	872.6	281.3	104.7	6.9	0.9	125.5	6.1	1262	130	0.77	0.18	17.54%
DD005	DD005206	205	206	5589	32.1	9.3	42.6	87.9	4.6	3236.7	0.7	1731	550.9	193.3	8.5	0.8	113.5	5.8	1091	161	1.36	0.16	19.59%
DD005	DD005207	206	207	6910.7	25.1	7.4	38.7	75.8	3.3	5146.5	0.5	1685	589.7	164.9	6.5	0.8	82.1	4.2	722	175	1.73	0.10	15.38%
DD005	DD005208	207	208	6182.4	31.5	8.5	37.5	81.2	4.3	4768.8	0.6	1472	518.4	152.9	8.1	0.8	101.1	4.8	934	270	1.57	0.13	14.83%
DD005	DD005209	208	209	3796.9	46	14.5	34	81.3	6.8	2514.4	1	1056	347.8	129.6	9.7	1.5	180.7	8.6	1110	393	0.96	0.16	16.99%
DD005	DD005210	209	210	3255.5	76.2	24.3	47.1	127.1	11.4	1875.5	2	1051	319.1	156.8	16.3	2	292.6	16.6	1980	216	0.85	0.28	18.73%
DD005	DD005211	210	211	2729.8	32.6	10.1	24.4	56	5	1740.3	0.8	785.9	250.2	94.5	6.4	1.1	126.7	6.2	982	130	0.69	0.14	17.58%
DD005	DD005212	211	212	3732.7	29.4	10.4	26.7	61.8	4.8	2650.7	0.8	958.7	326	111.8	6.6	1.1	120.9	6.6	1169	167	0.94	0.17	15.90%
DD005	DD005213	212	213	2360.2	43.3	19	25.2	65.7	7.7	1535.6	1.7	675	215.3	89.8	8.7	2.2	202.9	13.7	624	139	0.62	0.09	16.81%
DD005	DD005214	213	214	5056.2	34.8	10.2	48	99.4	4.7	2955.4	0.8	1638	507.3	193	9.2	1.1	114.6	6.2	1491	294	1.25	0.21	20.02%
DD005	DD005215	214	215	5636.4	31.5	8.4	55.1	104.9	4.1	3322.4	0.6	1822	566.2	225.8	9.1	0.8	95.2	4.6	1804	10	1.39	0.26	20.03%
DD005	DD005216	215	216	6283.7	18.7	3.8	43.6	88.1	1.8	4668.6	0.2	1630	551.2	176.3	6.8	<0.5	42	1.7	1189	7	1.58	0.17	16.09%
DD005	DD005217	216	217	2772.3	23.3	9.5	23.3	50.3	3.8	1925.4	1.2	761.7	246.4	87.8	5.4	1.3	99.9	10.1	669	84	0.71	0.10	16.67%
DD005	DD005218	217	218	555.6	13.7	7.8	7	18.6	2.6	348.4	1.2	172.2	53	25	2.5	1.2	72.2	9.9	228	16	0.15	0.03	17.33%
DD005	DD005219	218	219	333.6	11	7.5	5.4	14.7	2.2	191.4	1.4	122.1	33.9	18.7	1.9	1.2	65	11.8	174	20	0.10	0.02	18.83%
DD005	DD005220	219	220	517.2	13.9	7.8	6.8	17.5	2.7	308.8	1.4	169.3	50.4	25.2	2.2	1.4	74.3	11.8	206	15	0.14	0.03	18.02%
DD005	DD005221	220	221	2132.2	27.3	10.1	19.2	46.9	4.4	1315.1	1.5	597.8	194.6	73.9	5.9	1.3	109	10.6	531	91	0.53	0.08	17.34%
DD005	DD005222	221	222	4480.8	61.9	21.3	55.9	130	9.6	2527.6	1.6	1518	462.5	201.6	14.7	2.3	231.2	13	1212	118	1.14	0.17	20.27%
DD005	DD005223	222	223	5494.8	83.1	30.2	62.9	147	12.9	3187.8	2.2	1765.1	229.9	17.8	3.2	32.9	18.5	856	68	1.40	0.12	19.28%	
DD005	DD005224	223	224	4386.3	55.4	21.7	44	100.6	9.6	2606.0	1.8	1379	431.4	168.9	11.9	2.5	240.2	14.7	1614	535	1.11	0.23	19.04%
DD005	DD005225	224	225	2725.7	49.2	22.1	28.1	68.5	9	1648.7	2	811.4	262.7	104	9.1	2.7	231.4	16.2	511	124	0.70	0.07	17.83%
DD005	DD005226	225	226	1233.9	24.1	10.6	10.7	32.3	4.1	935.4	1.2	282.3	98.1	36.8	4.7	1.4	112.1	9.6	177	11	0.33	0.03	13.52%
DD005	DD005227	226	227	338.6	11.3	7.4	4.4	12.8	2.5	207.1	1	111.3	32.9	15.3	1.9	1.1	70.6	8.3	167	6	0.10	0.02	17.29%
DD005	DD005228	227	228	1529.4	22.8	11.5	13.7	31.7	4.4	967.1	1.2	416.2	136.8	51.6	4.2	1.5	119	9.8	520	33	0.39	0.07	16.56%
DD005	DD005229	228	229	3548.2	23.6	8.8	20.4	46	3.8	2540.2	0.9	839.4	299.6	87.6	5.2	1.1	97.5	7.2	224	27	0.88	0.03	15.07%
DD005	DD005230	229	230	9259.8	71.5	29.2	52.3	121.7	11.9	7108.8	2.4	2204	773.9	213	15.4	3.6	324	20.2	480	11	2.37	0.07	14.67%
DD005	DD005231	230	231	4631.1	74.7	30.6	55	126.2	12.4	2589	2.5	1585	481.3	205.9	15.7	3.5	324.6	20.5	736	18	1.19	0.11	20.24%
DD005	DD005232	231	232	4098.2	50.6	20.2	44.4	98.8	8.2	2256.2	1.5	1399	422.9	171.3	11.5	2.1	204.6	12.7	1438	20	1.03	0.21	20.61%
DD005	DD005233	232	233	4888.9	57.9	21.3	52.5	116	8.6	2739.9	1.7	1655	503.1	208.2	12.6	2.3	217.5	13.7	750	16	1.23	0.11	20.47%
DD005	DD005234	233	234	4500.8	20.6	9.9	31.1	76.5	2.8	2622.8	0.4	1447	448.6	160.1	6.2	0.5	64.7	3.2	566	18	1.10	0.08	20.10%
DD005	DD005235	234	235	4553.4	44.1	16.2	42.9	89.6	8.6	2747.4	1.3	1431	445.3	169.1	9.6	1.8	174.7	10.4	1298	10	1.13	0.19	19.32%
DD005	DD005236	235	236	5075.6	73.3	32.5	57.2	126.6	13.2	2795.1	2.8	1772	528.9	228.1	14.7	3.8	351	22.9	729	9	1.30	0.10	20.63%
DD005	DD005237	236	237	5435.5	109.4	50.8	66.5	155.8	20	2964.4	4.1	1891	563.8	248.6	19.6	5.8	542.4	33.9	743	12	1.42	0.11	20.15%
DD005	DD005238	237	238	4871.6	88.5	40.8	55.5	126.9	15.5	2687.9	3.5	1665	503.4	212.1	15.5	4.8	436.3	29	1012	17	1.26	0.14	20.06%
DD005	DD005239	238	239	2755.4	123.7	76.1	31.9	88.5	27.5	1579.9	5.6	869.4	266.2	110.6	15.7	8.7	752.5	46	754	83	0.8		



Drill Collar DD005 (cont.)

Hole_ID	Sample No	Depth_From (m)	Depth_To (m)	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	La ppm	Lu ppm	Nd ppm	Pr ppm	Sm ppm	Tb ppm	Tm ppm	Y ppm	Yb ppm	Nb ppm	Mo ppm	TREO %	Nb2O5 %	NdPr%
DD005	DD005271	270	271	3430.2	37.7	10.8	38.1	84.4	5.4	1867.1	0.9	1176	347.1	150	9	1.2	129.1	7.8	988	15	0.85	0.14	20.80%
DD005	DD005272	271	272	3485.6	39	11.1	39.6	86.3	5.4	1831	1	1197	357.7	154.8	9.4	1.2	128.3	8.5	1571	11	0.86	0.22	21.05%
DD005	DD005273	272	273	3873.3	37.9	10.4	43.6	94	4.9	2086.3	0.8	1319	394.2	173.8	9.6	1	121.1	6.9	1709	4	0.96	0.24	20.88%
DD005	DD005274	273	274	3916.2	40.7	10.7	43.8	93.7	5.7	2093.7	0.7	1352	400.8	170.1	9.5	1	133.1	5.5	2223	4	0.97	0.32	21.09%
DD005	DD005275	274	275	3877	37.6	9.5	44.5	93.1	5.1	2072.7	0.6	1325	399	166.5	9.6	0.9	120.3	5.2	1833	8	0.96	0.26	21.03%
DD005	DD005276	275	276	4191.9	36	9.1	47	100.8	4.8	2290.5	0.5	1414	426.2	181.6	10.1	0.8	112.8	4.5	1170	4	1.03	0.17	20.77%
DD005	DD005277	276	277	4213.7	66.5	16.2	56.8	134.3	9	2269.6	1	1495	434.6	206	15.8	1.4	209.5	7.9	1202	8	1.07	0.17	21.04%
DD005	DD005278	277	278	3641.7	50.1	13.5	45.4	105.7	7.3	1905.9	0.9	1287	379	167.1	12.3	1.3	173.4	7.1	1140	29	0.91	0.16	21.28%
DD005	DD005279	278	279	4168.2	54.9	13.7	52.1	121.4	7.4	2223.9	0.8	1484	440	197.8	13.7	1.3	170.8	6.7	1784	11	1.05	0.26	21.40%
DD005	DD005280	279	280	3631.4	43.3	11.6	39.8	87.9	6	2039	0.7	1210	364.6	154.3	9.9	1.1	147.6	6	1172	41	0.91	0.17	20.23%
DD005	DD005281	280	281	3399.8	40.5	11.3	41	89.8	5.6	1859.1	0.7	1158	347.5	156.2	9.5	1.1	142.4	5.9	1422	59	0.85	0.20	20.63%
DD005	DD005282	281	282	3687.2	49.6	13.8	45.4	103.1	7.3	2032.9	0.9	1262	374.4	169.3	11.6	1.3	174.4	7.1	1826	19	0.93	0.26	20.52%
DD005	DD005283	282	283	3816.5	55.6	14.5	50.5	117	7.9	2022.4	0.9	1344	393.9	186.6	13.4	1.5	189.8	7.8	1902	6	0.96	0.27	21.05%
DD005	DD005284	283	284	3732.1	48.3	13.4	47	103.7	6.8	1982.1	0.8	1290	380.3	170.5	11.7	1.2	162.4	6.7	2843	5	0.93	0.41	20.91%
DD005	DD005285	284	285	4465.1	52.9	13.4	52.8	111.3	7.1	2147.4	0.8	1575	463.4	207.3	12.6	1.3	166.5	7	1956	21	1.12	0.28	21.26%
DD005	DD005286	285	286	3499.3	41.5	11.9	40.6	94.6	6	1898	0.7	1191	357.1	159.5	10	1.1	139.5	5.6	3355	4	0.87	0.48	20.69%
DD005	DD005287	286	287	4009.5	51.4	13.5	45.8	107.4	6.9	2180.6	0.8	1383	414	179.5	12.2	1.3	163.1	6.9	3596	3	1.00	0.51	20.88%
DD005	DD005288	287	288	4033.8	50.9	14.4	44.8	103	7.3	2250.4	0.8	1363	409.7	174.6	11.8	1.4	177.3	6.9	1215	13	1.01	0.17	20.41%
DD005	DD005289	288	289	3314.1	59	17.9	42.4	100.8	9.1	1854.1	1.1	1132	336.3	157.5	12.6	1.7	218.7	9.5	2411	10	0.85	0.35	20.11%
DD005	DD005290	289	290	2185.3	37.9	12.5	25.1	60.5	5.9	1171.5	0.9	733	220.3	93.8	7.7	1.3	147.7	7.6	1434	19	0.55	0.21	20.14%
DD005	DD005291	290	291	400.1	23.2	11.1	6.7	21	4.4	240.4	1.1	130.5	39	22	3.4	1.1	116	8.9	241	23	0.12	0.03	16.29%
DD005	DD005292	291	292	1059.1	19.8	8	11.7	29.8	3.5	598.7	0.8	342.9	104	45.8	3.8	1	92.8	6.4	773	106	0.27	0.11	19.09%
DD005	DD005293	292	293	3106.5	35.3	11.5	30.4	69.6	5.1	1784.5	0.8	980	305.9	120.5	7.7	1.2	130.7	6.3	1316	793	0.77	0.19	19.42%
DD005	DD005294	293	294	2753.7	36.8	10.6	30.5	72.1	5.3	1599.6	0.7	877.4	266.6	111.1	8.2	1	129.5	5.8	2089	185	0.69	0.30	19.28%
DD005	DD005295	294	295	2646.3	37.6	12.8	29.1	68.2	6	1554.1	0.9	820	250.8	108.8	7.8	1.4	148.5	7.6	1648	158	0.67	0.24	18.70%
DD005	DD005296	295	296	2949	36.5	11.9	30.8	69.2	5.5	1573.7	0.7	990.2	295.5	123.4	7.7	1.2	138.5	5.8	1059	8	0.73	0.15	20.52%
DD005	DD005297	296	297	3235.6	37.6	10.2	38.1	82.8	5.2	1720.4	0.7	1146	334.6	146.9	8.6	1.1	122.7	5.6	1510	7	0.81	0.22	21.39%
DD005	DD005298	297	298	3548.9	62.2	18.1	50.2	116.9	9.2	1873.4	1	1312	374.1	179.7	13.5	1.7	218	8.4	671	8	0.91	0.10	21.56%
DD005	DD005299	298	299	2729.5	52.4	16.2	41.9	95.6	8	1318.9	0.9	1082	297.3	153.6	11.4	1.5	194.6	7.2	579	5	0.70	0.08	22.84%
DD005	DD005300	299	300	3153	60.7	17.6	45.9	107.8	8.9	1586.8	1	1221	341.1	170.3	12.8	1.6	215.1	8.1	1748	7	0.82	0.25	22.36%
DD005	DD005301	300	301	4487.9	53.5	17	52.7	117.4	8.3	2413.9	1	1569	464.3	203	12.9	1.7	198.1	8.4	2646	2	1.13	0.38	21.08%
DD005	DD005302	301	302	3635.7	40.5	11.1	44	93.1	5.7	1937	0.8	1287	376.5	168.3	9.7	1.2	135.5	6.5	3052	1	0.91	0.44	21.32%
DD005	DD005303	302	303	3463.8	58	17.9	45.3	109.3	8.7	1886.2	1	1238	357.6	169.3	12.5	1.8	210.2	9.1	3357	3	0.89	0.48	20.98%
DD005	DD005304	303	304	3302.6	54.4	16.6	40.4	97.1	8.1	1848.3	1	1159	337.6	156.6	11.4	1.6	200.7	8.2	1461	8	0.85	0.21	20.57%
DD005	DD005305	304	305	4072.2	52.9	16.3	48.8	109.6	7.7	2324	1.1	1399	415.4	186.4	12.3	1.5	185	8.9	1429	7	1.04	0.20	20.44%
DD005	DD005306	305	306	4265.5	54.2	16.1	51.7	113	7.8	2288.6	1.1	1482	438.5	192	12.8	1.7	192.6	9.3	2226	7	1.07	0.32	20.96%
DD005	DD005307	306	307	3613.7	47.8	14.1	45.2	103	6.9	1890	1	1287	371.1	173.2	11.1	1.4	165	8.1	1638	4	0.91	0.23	21.34%
DD005	DD005308	307	308	3460.9	65.2	20.6	47.5	112.7	9.2	1846.7	1.5	1243	364.3	167.6	13.8	2.1	231.2	12.1	945	13	0.89	0.14	21.05%
DD005	DD005309	308	309	3807	45.3	15.3	44.9	99.3	6.6	2032.4	1.3	1324	389.9	173.2	10.7	1.8	167.5	10.5	1319	12	0.95	0.19	21.00%
DD005	DD005310	309	310	3313.4	39	14.3	39.2	88.8	6.1	1729.2	1.2	1159	341.1	154.6	9.5	1.7	155.2	10.1	2461	6	0.83	0.35	21.16%
DD005	DD005311	310	311	3466	52.9	19.9	45.5	106.2	8.3	1805.7	1.6	1232	359.2	171.5	12.1	2.3	211.2	12.8	2291	5	0.88	0.33	21.10%
DD005	DD005312	311	312	3602.5	43.7	15.2	29.2	70.1	6.8	2511.4	1.1	953.3	316.7	112.5	8.5	1.7	168.4	9.2	4403	3060	0.92	0.63	16.11%
DD005	DD005313	312	313	5300.1	105.3	43.7	46.6	117.8	18.8	3619.9	2.9	1481	477.6	176.3	17.1	4.8	474.1	23.9	4337	582	1.40	0.62	16.35%
DD005	DD005314	313	314	3980.5	68.8	27.2	48.5	111.4	7.8	1722.7	1.8	1372	407.4	178.2	13.6	2.8	298.7	15.1	1566	10	1.02	0.22	20.44%
DD005	DD005315	314	315	3569.7	53.4	18.1	46.1	103.1	8.1	1920.2	1.3	1277	366.3	175.5	11.2	1.9	207.7	10.9	1617	11	0.91	0.23	21.05%
DD005	DD005316	315	316	3305.3	37.2	11.3	40.1	87.9	5.5	1747.9	0.7	1155	338.8	157.2	8.9	1.1	134.3	6	1648	11	0.82	0.24	21.14%
DD005	DD005317	316	317	3697.7	51.7	15.2	47.7	108.8	7.3	1949.9	1	1300	379.7	174.6	11.7	1.5	170.8	8.1	1220	5	0.93	0.17	21.11%
DD005	DD005318	317	318	3683.3	49	14.5	46.9	106.4	7	1931.7	1	1331	386.5	176	12	1.4	169	8.1	1369	3	0		



Drill Collar DD005 (cont.)

Hole_ID	Sample No	Depth_From (m)	Depth_To (m)	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	La ppm	Lu ppm	Nd ppm	Pr ppm	Sm ppm	Tb ppm	Tm ppm	Y ppm	Yb ppm	Nb ppm	Mo ppm	TREO %	Nb2O5 %	NdPr%
DD005	DD005351	350	351	3489.9	65.1	21.8	54.3	119.7	9.8	1790.6	1.7	1375	386.8	196.6	14	2.5	257.1	12.1	1673	4	0.91	0.24	22.49%
DD005	DD005352	351	352	3416.5	68.3	21.4	52.4	121.7	9.6	1779.7	1.6	1332	373.3	191.4	15	2.3	249	11.5	1878	5	0.90	0.27	22.20%
DD005	DD005353	352	353	3077	53.6	18.3	45.2	99.5	7.9	1611.8	1.3	1170	335.1	165	11.7	2	212.7	9.5	2581	2	0.80	0.37	21.97%
DD005	DD005354	353	354	453	9.5	4.2	5.7	13.4	1.6	281.4	0.4	144.9	43.4	20	1.9	0.5	43.4	3	93	8	0.12	0.01	18.24%
DD005	DD005355	354	355	3373.5	57	20.4	45.4	99.9	8.7	1801.6	1.6	1284	369.2	172.7	11.9	2.4	233.2	11.4	2525	8	0.88	0.36	21.96%
DD005	DD005356	355	356	3993.3	64.7	22.7	56.7	122.1	9.8	2091	1.7	1520	435.5	211.7	14.3	2.4	265.5	12.3	3737	1	1.03	0.53	22.06%
DD005	DD005357	356	357	3461.5	50.8	17.6	45.4	96.8	7.6	1855.8	1.3	1297	376.1	172.5	10.9	2	203.7	9.6	2216	2	0.89	0.32	21.89%
DD005	DD005358	357	358	3351.6	55.1	19.2	43.9	98.7	8.3	1810.3	1.5	1261	362.1	168	11.7	2.2	220.5	10.5	1460	6	0.87	0.21	21.76%
DD005	DD005359	358	359	4043.9	50.9	18.1	47.9	101.4	7.9	2193.4	1.4	1490	434.6	193.7	11.2	2	205.3	9.7	1101	2	1.03	0.16	21.75%
DD005	DD005360	359	360	4202	59.4	20.1	54.8	117.1	8.9	2214.6	1.6	1561	456.7	209.9	13.2	2.3	236.7	11.4	3301	3	1.07	0.47	21.91%
DD005	DD005361	360	361	3059.2	49.9	17.8	42.5	92.6	7.7	1757.5	1.4	1154	331.6	156.1	11	2.1	204.6	10.2	4179	4	0.79	0.60	22.02%
DD005	DD005362	361	362	3257	49.2	17.5	44.3	94.4	7.6	1680.7	1.4	1250	358.2	171.7	11	2	202.3	10.1	2024	<1	0.84	0.29	22.36%
DD005	DD005363	362	363	3498.7	59.3	20.9	53.7	114.7	8.8	1857.9	1.6	1313	375.6	194.9	13	2.3	236.8	11.3	2532	2	0.91	0.36	21.66%
DD005	DD005364	363	364	3320.8	53.7	20.3	47.5	100.1	8.5	1711.2	1.6	1278	365.1	175.3	11.3	2.3	231	11.5	1293	3	0.86	0.19	22.29%
DD005	DD005365	364	365	3479.5	58.3	20.4	48.4	104.8	9	1828.8	1.6	1350	381.3	180.6	12.1	2.3	237.6	11.2	1816	5	0.91	0.26	22.31%
DD005	DD005366	365	366	3237.6	56.8	21.6	44.2	97.1	9.1	1677.1	1.7	1257	357.5	169.4	11.6	2.5	245.4	12	2399	2	0.84	0.34	22.31%
DD005	DD005367	366	367	3697.6	54.6	20.7	48.8	100.4	8.9	1883.2	1.6	1419	405	188.5	11.8	2.4	239.3	11.6	2455	2	0.95	0.35	22.44%
DD005	DD005368	367	368	3595	60.8	23.9	49.8	102	10.1	1872.7	1.8	1372	393.3	182.8	12	3	266.6	12.9	879	3	0.93	0.13	22.07%
DD005	DD005369	368	369	1924.3	43.4	16.7	28.1	62.8	7.3	1009.6	1.4	718.7	202.5	102.7	8	2	191.7	9.9	995	13	0.51	0.14	21.16%
DD005	DD005370	369	370	940.1	31.9	17.9	13.2	32.2	6.4	599.9	1.8	280.9	85.5	43.1	4.9	2.5	179.2	12.6	671	37	0.27	0.10	16.13%
DD005	DD005371	370	371	846.3	29.2	15.1	11.3	29.4	5.7	557	1.5	247.1	77.3	38.8	4.5	1.9	157.9	10.7	745	37	0.24	0.11	15.82%
DD005	DD005372	371	372	1512.5	36.2	16.1	20.7	51.3	6.4	902.8	1.3	507.2	151.2	75.2	7	1.9	174.5	9.3	426	123	0.41	0.06	18.84%
DD005	DD005373	372	373	3398.5	65.1	23.2	51.1	113.2	10	1732.4	1.8	1324	374.7	187	13.6	2.8	266.1	12.8	1001	3	0.89	0.14	22.31%
DD005	DD005374	373	374	4088.1	60.7	21.8	56.9	120	9.3	2116.3	1.7	1605	454.6	216.1	13.5	2.5	251.4	12.4	580	4	1.06	0.08	22.70%
DD005	DD005375	374	375	4277.6	67.8	24.8	57.8	123.4	10.7	2196.8	2	1656	471.2	221.3	14.4	2.9	282.3	14.3	663	4	1.10	0.09	22.47%
DD005	DD005376	375	376	3254	72.6	27.9	47.2	109.8	11.8	1683.1	2.2	1247	356.1	171.8	14.1	3.3	319.4	15.5	1191	2	0.86	0.17	21.74%
DD005	DD005377	376	377	3514.4	70	27.6	52.8	118	11.2	1839.4	2.3	1356	383.4	189.8	14.5	3.3	305.2	16.2	1787	2	0.93	0.26	21.89%
DD005	DD005378	377	378	3522.1	64.9	26.5	49.1	110.1	11	1911.8	2.2	1325	378.4	184.7	13.6	3.1	292.9	16	1855	4	0.93	0.27	21.42%
DD005	DD005379	378	379	4362.5	52.3	20.1	49.9	104.1	8.3	2378.1	1.7	1541	456.9	195.1	11.5	2.4	217.5	12	1500	<1	1.10	0.21	21.13%
DD005	DD005380	379	380	3610.4	44.9	17.1	42.5	88.4	7.1	1921.2	1.5	1314	383.1	164	9.8	2	188.2	10.6	1743	3	0.91	0.25	21.65%
DD005	DD005381	380	381	3608.7	62.4	24.1	48.7	110.3	10	1884.7	1.9	1370	391.2	184.7	13.4	2.8	265.6	13.8	1992	2	0.94	0.29	21.93%
DD005	DD005382	381	382	3578.6	60.3	21.8	47.1	105.9	9.5	1876.4	1.8	1345	387.6	175.4	12.5	2.7	247.7	12.7	1767	2	0.92	0.25	21.87%
DD005	DD005383	382	383	4378.3	58	19.5	56.5	121.5	8.8	2261.1	1.5	1677	482.3	216.4	13.4	2.3	225.9	10.6	886	6	1.12	0.13	22.55%
DD005	DD005384	383	384	3885.9	68.6	23.8	57.3	126.9	10.6	1995.1	1.9	1534	431.3	216.3	14.8	2.8	276	13.6	766	7	1.02	0.11	22.59%
DD005	DD005385	384	385	4161.9	61.3	22.4	53.4	115.3	9.4	2244.9	1.8	1551	444.5	201.2	13.3	2.6	250.5	12.6	2258	6	1.07	0.32	21.77%
DD005	DD005386	385	386	4551.9	57.9	21	55.8	120.7	9	2474.3	1.6	1682	489	220.4	13	2.4	241.6	11.7	1737	3	1.17	0.25	21.73%
DD005	DD005387	386	387	2957.2	50.2	19.7	38.5	85.6	8.1	1546.3	1.8	1105	317.3	148	10.4	2.5	221.3	12.5	2345	1	0.77	0.34	21.69%
DD005	DD005388	387	388	3778.1	70.5	26.9	54.9	127	11.4	1976.9	2.2	1437	410.2	205.3	15.1	3.2	298.1	15.4	2200	3	0.99	0.31	21.80%
DD005	DD005389	388	389	3881.9	63.9	24.4	54.9	121.3	10.3	2043.8	1.9	1480	424.6	206.9	14	2.8	274.4	13.6	1201	4	1.01	0.17	22.00%
DD005	DD005390	389	390	4184.6	67.3	23.3	57.9	126.7	10.3	2231.5	1.9	1581	454.2	218.7	14.5	2.8	275.5	13.5	2506	3	1.09	0.36	21.87%
DD005	DD005391	390	391	3862.6	78	28.1	58.8	135.5	12	2036.1	2.1	1488	423.9	209.6	16.7	3.2	325	15.2	2524	2	1.02	0.36	21.87%
DD005	DD005392	391	392	3618.4	55.7	20.5	48.3	106.1	8.7	1901	1.6	1349	390.1	178.1	12.3	2.4	233	11.7	1947	3	0.93	0.28	21.81%
DD005	DD005393	392	393	3103.9	33.7	12.4	32.1	72.4	5.3	1627.4	1	1140	336.2	137.9	7.8	1.4	138.4	7.3	1249	4	0.78	0.18	22.07%
DD005	DD005394	393	394	3473.1	49.3	18.6	45.3	98	7.9	1810.5	1.6	1310	377	171.4	11.3	2.3	211.8	11.2	1926	4	0.89	0.28	22.10%
DD005	DD005395	394	395	3426.8	48.1	18	44.7	96.5	7.8	1774	1.5	1305	372.3	175.8	10.8	2.3	210.7	11	2205	14	0.86	0.32	22.25%
DD005	DD005396	395	396	3499.8	90.4	29.4	62.7	153.5	13.7	1840.5	2.1	1393	386.4	213.3	19.3	3.2	351.1	15	1640	4	0.95	0.23	21.92%
DD005	DD005397	396	397	3267.6	67.2	22.9	49.4	114.9	10.3	1701	1.7	1277	358.2	178.8	14.2	2.5	269.3	12.3	1902	3	0.86	0.27	22.14%
DD005	DD005398	397	398	3117.1	79.5	27.6	53.9	127.3	12.6	1586.7	2.2	1240	347.8	186	14.3								

Drill Collar DD005 (cont.)

Hole_ID	Sample No	Depth_From (m)	Depth_To (m)	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	La ppm	Lu ppm	Nd ppm	Pr ppm	Sm ppm	Tb ppm	Tm ppm	Y ppm	Yb ppm	Nb ppm	Mo ppm	TREO %	Nb2O5 %	NdPr%
DD005	DD005432	431	432	3473.2	74.3	29.5	54.3	125.9	12.2	1761.8	2.7	1389	385.9	196.4	15.2	3.7	315.6	19.3	1589	8	0.92	0.23	22.46%
DD005	DD005433	432	433	3425	74	29.3	52.9	122.8	12.2	1722.1	2.6	1373	382.3	192.8	15.4	3.6	322.8	18.3	1148	8	0.91	0.16	22.53%
DD005	DD005434	433	434	3657.2	64.6	23.3	52.8	118.1	10.1	1879.1	2.1	1402	397.9	191.5	13.9	2.8	262.2	15.2	2475	6	0.95	0.35	22.13%
DD005	DD005435	434	435	4760.4	46	13.9	58.5	119.5	6.3	2515.8	1.3	1747	508.9	230.4	11.9	1.7	160.2	9.3	2648	3	1.19	0.38	22.06%
DD005	DD005436	435	436	4044.6	55.7	18.7	54.4	118.7	8.2	2156	1.6	1489	432	204.2	13.2	2	211.1	11.3	2251	5	1.03	0.32	21.69%
DD005	DD005437	436	440	S.N.R.	S.N.R.	S.N.R.	S.N.R.	S.N.R.	S.N.R.	S.N.R.													

**JORC Code, 2012 Edition – Table 1**

## **Section 1: Sampling Techniques and Data**

(Criteria in this section apply to all succeeding sections)

Criteria	JORC Code explanation	Commentary
<b>Sampling techniques</b>	<p><i>Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.</i></p> <p><i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i></p> <p><i>Aspects of the determination of mineralisation that are Material to the Public Report.</i></p> <p><i>In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases, more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information.</i></p>	<p>Diamond core was logged both for geological and mineralised structures as noted above with all 2024 drilling geotechnically logged and the logging for 2025 is ongoing and in a review process phase (the Company's maiden drilling program commenced in late 2024 to now). The core was then cut in half using a diamond brick cutting saw on 1m intervals. Typically, the core was sampled to geological intervals as defined by the geologist within the even two metre sample intervals utilised. The right-hand side of the core was always submitted for analysis with the left side being stored in trays on site.</p> <p>Diamond core was logged both for geological and mineralised structures. The core was then cut in half using a diamond brick cutting saw on 1m intervals. Typically, the core was sampled to geological intervals as defined by the geologist within the even two metre sample intervals utilised. The right-hand side of the core was always submitted for analysis with the left side being stored in trays on site.</p> <p>All data is sourced from 2025 drilling which implemented industry and best practice QAQC program, to provide verification of the sample procedure, the sample preparation and the analytical precision and accuracy of the primary laboratory.</p> <p>Sampling and QAQC procedures were carried out to industry standards.</p>

Criteria	JORC Code explanation	Commentary
		Sample preparation was completed by independent international accredited laboratories. Following cutting or splitting, the samples were bagged by the independent lab in Namibia and then sent to the Jin Ning Lab in Western Australia (a NATA accredited Australian lab) for preparation and assaying.
Drilling techniques	<i>Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc.).</i>	All drilling was completed by industry standard triple tube diamond drilling.
Drill sample recovery	<i>Method of recording and assessing core and chip sample recoveries and results assessed. Measures taken to maximise sample recovery and ensure representative nature of the samples. Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</i>	All 2024 holes have recoveries above 95% in the majority of the mineralised areas. No relationship exists between sample recovery and grade
Logging	<i>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies. Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography. The total length and percentage of the relevant intersections logged.</i>	All drillholes are logged and stored at a. All core (100%) is logged in detail. Geology logging is qualitative. The digitised logs of the drill programme is appropriate to inform geological interpretation of the results. Photography and recovery measurements were carried out by assistants under a geologist's supervision.

Criteria	JORC Code explanation	Commentary
		All drill holes were logged in full. Logging was qualitative and quantitative in nature.

Criteria	JORC Code explanation	Commentary
Subsampling techniques and sample preparation	<p><i>If core, whether cut or sawn and whether quarter, half or all core taken.</i></p> <p><i>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</i></p> <p><i>For all sample types, the nature, quality, and appropriateness of the sample preparation technique.</i></p> <p><i>Quality control procedures adopted for all subsampling stages to maximise representivity of samples.</i></p> <p><i>Measures taken to ensure that the sampling is representative of the in-situ material collected, including for instance results for field duplicate/second-half sampling.</i></p> <p><i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i></p>	<p>NTW core was cut in half using a core saw. Typically, the core was sampled to major geological intervals as defined by the geologist initially within the even 1m. All samples were collected from the same side of the core.</p> <p>Sampling of diamond core used industry standard techniques. After drying the sample is subject to a primary crush to 2mm. Sample is split through a riffle splitter until 250gm is left (this involves 4-5 splits through the riffle splitter).</p> <p>The 250gm sample is milled through an LM5 using a single puck to 90% &lt;75 micron</p> <p>Milled sample is homogenised through a matt roll with a 150gm routine sample collected using a spoon around the quadrants and sent to MSA and Intertek for analysis.</p> <p>Field QC procedures involved the use of two types of certified reference materials (1 in 20) which is certified by Geostats Ltd.</p> <p>Primary DD duplicate: Generated by cutting the remaining half core into a ¼ and sampled.</p> <p>Coarse blank samples: Inserted 1 in every 20 samples</p> <p>Sample sizes are considered appropriate to correctly represent the moderately nuggety gold mineralisation based on: the style of mineralisation, the thickness and consistency of the intersections, the sampling methodology and assay value ranges for Au.</p>

Criteria	JORC Code explanation	Commentary
<b>Quality of assay data and laboratory tests</b>	<p><i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i></p> <p><i>For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</i></p> <p><i>Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.</i></p>	<p>The NB Nambian Lab completed the sample preparation including crushing and pulverisation after drying at 80deg C. Subsequently these samples are sent the Australian Lab (Jining Testing and Inspection) in China for analysis.</p> <p>Multi-acid digestion of pulverised sample was followed by 32-element aqua regia ICP.</p> <p>Pulverised samples for ALS code MS81 for REE elements. ICP 41 involves were analysed via multi acid digestion followed by aqua regia digest followed by ICP-AES finish for 36 elements while MS81 involves lithium borate fusion followed by acid digestion with ICP-MS finish for rare earth elements.</p> <p>A definitive QAQC program was implemented to provide verification of the sample procedure, the sample preparation and the analytical precision and accuracy of the primary laboratory, which includes the following:</p> <p>Certified Reference Material (CRM) samples: 2 (two) types of standards sourced from OREAS Ltd. were inserted 1 in every 20 samples.</p> <p>Coarse blank samples: Inserted 1 in every 20 samples to monitor cross contamination.</p> <p>A blank sample and crusher and pulp duplicate sample were inserted for every hole. The laboratory also inserted QAQC samples, including laboratory standards and CRMs.</p>

Criteria	JORC Code explanation	Commentary
		<p>Overall, 12.5% of the samples submitted to the primary assay lab were QAQC samples. The QAQC procedures undertaken show that returned results are within acceptable limits.</p> <p>Results are considered as acceptable by the Competent Person and the drill samples are considered to be suitable for reporting of exploration results.</p>
<b>Verification of sampling and assaying</b>	<p><i>The verification of significant intersections by either independent or alternative company personnel.</i></p> <p><i>The use of twinned holes.</i></p> <p><i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i></p> <p><i>Discuss any adjustment to assay data.</i></p>	<p>Geological logs are digitally entered into data entry templates in MS Excel.</p> <p>Assay certificates were received from the analytical laboratories and imported into the drill database.</p> <p>No adjustments have been made to the data.</p>
<b>Location of data points</b>	<p><i>Accuracy and quality of surveys used to locate drillholes (collar and downhole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</i></p> <p><i>Specification of the grid system used.</i></p> <p><i>Quality and adequacy of topographic control.</i></p>	<p>Diamond drilling collar data have been located with high precision total survey. The resultant locations are appropriate for an exploration project.</p> <p>Down-hole surveying of dip and azimuth (true) for diamond holes was conducted using an 'Axis' a reflex camera.</p> <p>All drill collars are surveyed using handheld GPS and averaged weigh points with elevation taken from DEM.</p> <p>The datum used with WGS84 zone 33 south and is used for all location recordings.</p>

Criteria	JORC Code explanation	Commentary
		Orthophotos were acquired using a digital camera mounted in a fixed wing aircraft. Ground control points were used for topographic control; A DEM was created from the photos
<b>Data spacing and distribution</b>	<p><i>Data spacing for reporting of Exploration Results.</i></p> <p><i>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</i></p> <p><i>Whether sample compositing has been applied.</i></p>	<p>Sample compositing was not carried out.</p> <p>Due to the nature of the topography, steep sided 270m high mountain, drill access is limited so fan array holes are used from central accessible points. This method is considered appropriate given the terrain and shape of the carbonatite plug. 1m half core samples down hole are considered sufficient to map the distribution of the mineralisation and phases of the intrusion.</p> <p>This data spacing is considered appropriate for this initial drilling programme aimed at understanding the distribution of the mineralisation in each of the 5 phases of the intrusion.</p> <p>Assays have been collected and assayed generally at 1m intervals down hole with assays averaged over lengths only.</p>
<b>Orientation of data in relation to geological structure</b>	<p><i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i></p> <p><i>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</i></p>	The sovite cores are interpreted as steeply dipping circular feeders with the latter beforsite phases intruding as moderate to steeply dipping dykes/sills dipping back towards the cores. The diamond holes cut across these structures and as the mineralisation is considered homogenous for each of the phases, the sampling is considered unbiased for the deposit type.

Criteria	JORC Code explanation	Commentary
		Given the interpreted homogeneous nature of the mineralisation in each of the phases no bias is considered although results indicate the sovites are relatively enriched in Nb while the beforsite are relatively enriched in REE. Given the polymetallic nature of the carbonatite drilling is focused on both styles of mineralisation which will be targeted appropriately.
Sample security	<i>The measures taken to ensure sample security.</i>	Half core was secured, covered and transported to the NB Namibia lab for core cutting facility securely bagged, A pulp fraction was sent to the Australian Lab for assay.  All transport was overseen by either company staff, to the initial sample prep lab, and subsequently by independent personnel.
Audits or reviews	<i>The results of any audits or reviews of sampling techniques and data.</i>	No audits or reviews of sampling techniques and data have been carried out.

## Section 2: Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section)

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	<i>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</i>	The Competent Person is aware the Namibian Ministry of Mines and Energy approved the transfer of the Kameelburg Project's Exclusive Prospecting Licenses (EPL 7372, 7373 and 7895) from Logan Exploration & Investments CC to the Aldoro JV operating company Kameelburg Exploration Mining (Pty) Ltd.

Criteria	JORC Code explanation	Commentary
	<i>The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</i>	The Competent Person is unaware of any impediments for ongoing exploration
Exploration done by other parties	<i>Acknowledgment and appraisal of exploration by other parties.</i>	Limited exploration work has been completed by previous owners, with all rock chips previously reporting publicly.
Geology	<i>Deposit type, geological setting and style of mineralisation.</i>	The mineralisation style being sought at carbonate hosted REE and Nb, associated with magnetite.  The Kameelburg Project is located in the northern Central Damara Orogenic Belt in Namibia and covers the Cretaceous Kameelburg Carbonatite plug and associated radial dykes intruding precursor syenites in the older host Neoproterozoic marbles and schists. The plug is approximately 1.4km in diameter and rises up to 275m above the surrounding peneplain. The intrusion consists of an initial pre-cursor phase of nepheline syenite/syenite followed by two sylvite and three beforesite phases with remanent rafts of volcanic breccia and syenite, the vestiges of earlier intrusive phases. The country rock consists of marbles, quartzite's, mica schists of the Damara Supergroup. Rare earth metals are known to occur in all five phases with higher concentrations in the more magnesium and iron rich beforesites.
Drillhole information	<i>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drillholes: easting and northing of the drillhole collar elevation or RL (Reduced Level – elevation above sea level in metres) of the drillhole collar dip and azimuth of the hole</i>	Drill hole data is tabulated in this release covering all the collar and survey data as well as presenting the key assays (REE's, Nb and Mo) referenced in the text.

Criteria	JORC Code explanation	Commentary
	<p><i>downhole length and interception depth hole length.</i></p> <p><i>If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.</i></p>	
Data aggregation methods	<p><i>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.</i></p> <p><i>Where aggregate intercepts incorporate short lengths of high-grade results and longer lengths of low-grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.</i></p> <p><i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</i></p>	<p>The exploration results are reported above using a 1% TREO cut-off grade as noted in the main body of the release.</p> <p>No weighting was applied, nor high grade cuts.</p> <p>No metal equivalents were utilised in the reporting of the exploration results.</p>
Relationship between mineralisation widths and intercept lengths	<p><i>These relationships are particularly important in the reporting of Exploration Results.</i></p> <p><i>If the geometry of the mineralisation with respect to the drillhole angle is known, its nature should be reported.</i></p> <p><i>If it is not known and only the downhole lengths are reported, there should be a clear statement to this effect (e.g. 'downhole length, true width not known').</i></p>	<p>No relationship has been established at present due to the early stage of exploration.</p> <p>With additional exploration this will be reviewed.</p> <p>All widths are downhole with the true widths unknown.</p>
Diagrams	<p><i>Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported. These should include, but not be limited to a plan view of drillhole collar locations and appropriate sectional views.</i></p>	<p>Maps and sections in body of text</p>

Criteria	JORC Code explanation	Commentary
Balanced reporting	<p><i>Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.</i></p>	<p>Assay results from the current drill programme are presented with the drilling continuing and samples still in the system awaiting assaying.</p> <p>For full disclosure individual full assay results (REE, Nb, Mo) are presented for each hole in the tables provided with mineralised zones colour highlighted and the release summarised these results.</p>
Other substantive exploration data	<p><i>Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density; groundwater; geotechnical and rock characteristics; potential deleterious or contaminating substances.</i></p>	<p>Geological interpretation and results have been included in this release in plan and cross section formats.</p> <p>No metallurgy or geotechnical results have been reported as they are not available at this stage.</p>
Further work	<p><i>The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).</i></p> <p><i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i></p>	<p>Additional drilling is planned to prepare a maiden mineral resources reported and test the exploration target.</p> <p>Diagrams are provided in the main body of the release.</p>