

EXCEPTIONAL NIOBIUM AND STRONTIUM GRADES EXPAND THE SCALE OF KAMEELBURG

Highlights

- Two further Phase II diamond holes - **DD003A** (north flank) and **DD018A** (southern margin) have returned **wide, high-grade REE, Strontium and Niobium intercepts**, confirming the scale and continuity of the Kameelburg carbonatite mineral system in all four directions from the central core.
- DD003A delivered a **standout high-grade Niobium intercept of 11m at 0.76% Nb₂O₅ (from 102m)** - an exceptional niobium grade by global industry standards - supported by **5.8m at 0.43% Nb₂O₅** (from 121.25m) and **31m at 0.32% Nb₂O₅** (from 200m), establishing the northern flank as a high-grade Nb domain.
- DD003A also returned a **near-surface bonanza-style REE-Sr intercept of 5m at 2.94% TREO and 7.64% SrCO₃ (from 64m)** - among the highest combined REE-Sr grades returned from the Kameelburg complex to date.
- DD018A intersected **74m of cumulative mineralisation across two stacked layers**, confirming the southern continuity of the carbonatite¹:
 - Upper Layer: 23m at 0.98% TREO, 4.19% SrCO₃ and 0.08% Nb₂O₅ (from selected layers between 258m to 313m)
 - Lower Layer: 51m at 0.70% TREO, 3.10% SrCO₃ and 0.32% Nb₂O₅ (from selected layers between 361m to 423m)
- DD003A **remains open at depth with REE and SrCO₃ grades increasing below 200m** including¹:
 - 31m at 0.79% TREO and 3.10% SrCO₃ from 200m and;
 - 35m at 0.91% TREO and 4.43% SrCO₃ from 252m. A follow-up deeper hole has been planned to test the higher-grade core at depth.
- Importantly, both DD003A and DD0018A are located well within the boundaries of the central magnetic anomaly, indicating significant scope to extend the mineralised footprint further to the north, south, east and west of the currently drilled are.
- Strontium carbonate (strontianite) which is a **critical input for permanent magnets and electronics** continues to occur in broad zones at >3% SrCO₃ alongside elevated TREO across both holes, reinforcing Sr as a major second commodity at Kameelburg.
- Niobium is a **designated critical mineral** used in high-strength steels, superalloys and emerging battery technologies. The grades returned from DD003A position the northern flank as a potentially economically significant Nb domain in its own right.
- These results bring the Phase II program to **seven holes with assays received and confirm widespread, multi-commodity mineralisation across the carbonatite**. The updated Mineral Resource Estimate (incorporating SrCO₃ for the first time) is on track for release in the coming weeks.

¹¹: Significant intercepts were derived by adding downhole assays and dividing by the interval to obtain an average for the

interval, see Appendix for down hole assays with highlighted layers used in the calculations.

Aldoro Resources Ltd (“Aldoro”, “The Company”) (ASX: ARN) is pleased to advise that assay results for diamond drill holes DD003A and DD018A (“Assayed Diamond Holes”) from the flagship Kameelburg REE-Niobium Project in Namibia have been received, returning standout high-grade Niobium and Strontium intercepts that materially expand the scale and economic profile of the deposit.

Both holes form part of the recently completed Phase II diamond drilling program (15 holes for 7,190m). Together with previously reported holes DD004F, DD004D, DD005E, DD005F and DD005G, these results confirm a wide, multi-commodity REE-Sr-Nb-Mo mineralised system that extends in all directions from the central core of the Kameelburg carbonatite. Strontium carbonate continues to be systematically associated with elevated TREO grades, and the high-grade Niobium intercepts in DD003A open up a potentially significant standalone Nb resource on the northern flank.

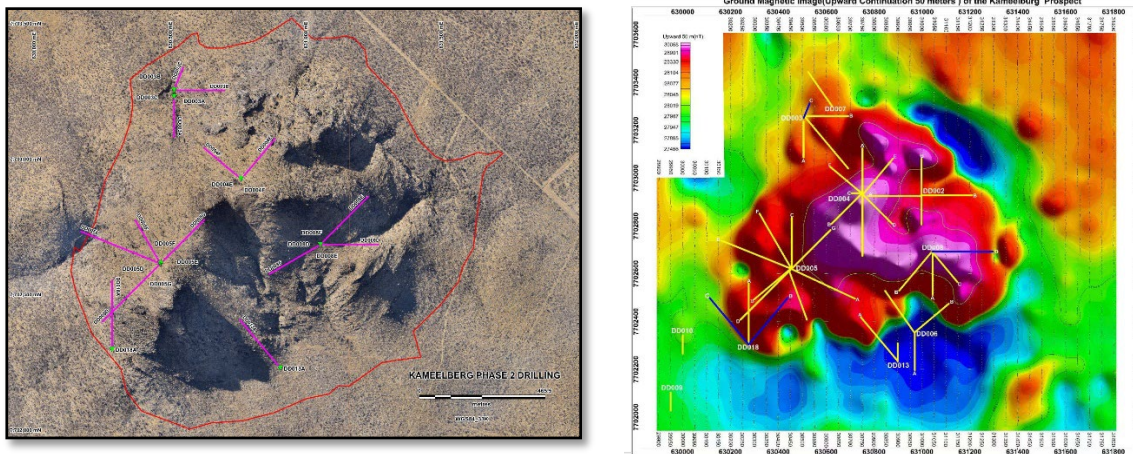


Figure 1: Diamond drill hole plan view of the Phase 2 drilling programme (left) & magnetic overlay (right).

The ground magnetic survey (upward continued to 50m, Figure 1) clearly defines the Kameelburg carbonatite as a coherent ~1.4km² diameter magnetic high, with the most intense response (pink) corresponding to the high-grade central core intersected by holes drilled from the DD004 and DD005 pads. DD003A and DD0018A test the northern and southern margins of the magnetic anomaly respectively, with the strong magnetic response continuing well beyond the current drilled extent. This supports the interpretation that the mineralised system remains open in multiple directions and underscoring the scale potential of the deposit.

Diamond Hole Assay – DD0018A

DD018A (603.1m, azimuth 360° N, dip -65°) was drilled from the DP002 pad on the southern margin of the Kameelburg carbonatite to test the projection of the mineralised system in the southern sector. The hole delivered an outstanding result, intersecting two stacked mineralised layers totalling 74m of cumulative downhole mineralisation.

The Upper Layer returned a weighted average of 23m at 0.98% TREO, 4.19% SrCO₃ and 0.08% Nb₂O₅ (from 258m) - a thick, high-grade REE-Strontium intercept consistent with the inner sovite-dominated phase of the carbonatite. The very high SrCO₃ values reinforce

strontianite as a major secondary commodity at Kameelburg.

The Lower Layer returned 51m at 0.70% TREO, 3.10% SrCO₃ and 0.32% Nb₂O₅ (from 361m) being a substantial intercept characterised by a marked step-up in Niobium grades, indicating a transition into Nb-enriched beforosite phase mineralisation.

The two-layer architecture observed in DD018A mirrors the lithological zonation seen elsewhere in the complex - TREO/Sr-rich sovite overlying a Nb-rich beforosite - and confirms that the carbonatite stratigraphy extends robustly into the southern sector. Both layers remain open along strike and at depth.

DD0018A Drilling Cross Section Showing Mineralisation Zoning

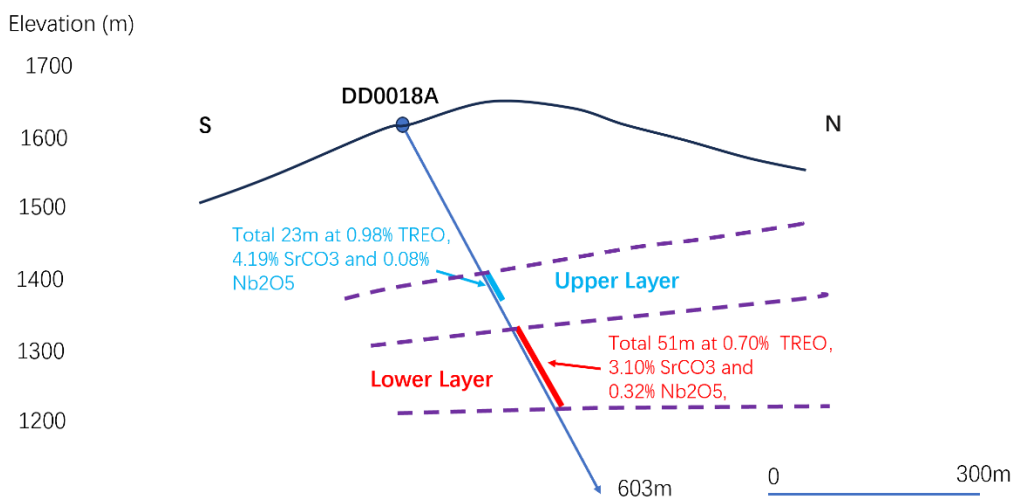


Figure 2: Drilling Cross Section illustrating mineralisation zoning across DD0018A

Diamond Hole Assay – DD003A

DD003A (300.2m, azimuth 180° S, dip -60°) was drilled from the DD003 pad on the northern flank of the carbonatite to test the lateral continuity of mineralisation in the northern sector. The hole returned an exceptional set of results, with multiple high-grade Niobium intervals and substantial REE-Sr intercepts over a cumulative 110.8m of mineralisation, returning a weighted average of 0.69% TREO, 3.20% SrCO₃ and 0.32% Nb₂O₅.

The most significant feature of DD003A is the discovery of high-grade Niobium mineralisation on the northern flank, headlined by 11m at 0.76% Nb₂O₅ from 102m being an exceptional grade by global niobium industry standards, together with 5.8m at 0.43% Nb₂O₅ from 121.25m and a thick 31m at 0.32% Nb₂O₅ from 200m. Niobium is a designated critical mineral, with applications in high-strength low-alloy steels, superalloys, electronics and emerging battery technologies. These grades position the northern flank of Kameelburg as a potentially economically significant Niobium domain in its own right.

DD003A also returned a near-surface bonanza-style REE-Strontium intercept of 5m at 2.94% TREO and 7.64% SrCO₃ from 64m which rank among the highest combined REE-Sr grades returned from the Kameelburg complex to date and a strong indicator of high-grade pods within the wider mineralised envelope.

Critically, DD003A remains open at depth with grades increasing strongly downhole. Below 200m the hole returned 31m at 0.79% TREO and 3.10% SrCO₃ from 200m followed by 35m at 0.91% TREO and 4.43% SrCO₃ from 252m which suggests a clear grade-with-depth trend that points to a higher-grade core lying immediately below the bottom of the hole. A follow-up deeper hole on the DD003 pad is being considered.

Initial geological interpretation indicates that DD003A has helped to define the northern boundary geometry of the carbonatite intrusion, providing valuable input for the upcoming Mineral Resource Estimate. Detailed wireframing is being completed as part of the updated MRE.

DD003A Drilling Cross Section Showing Mineralisation Zoning

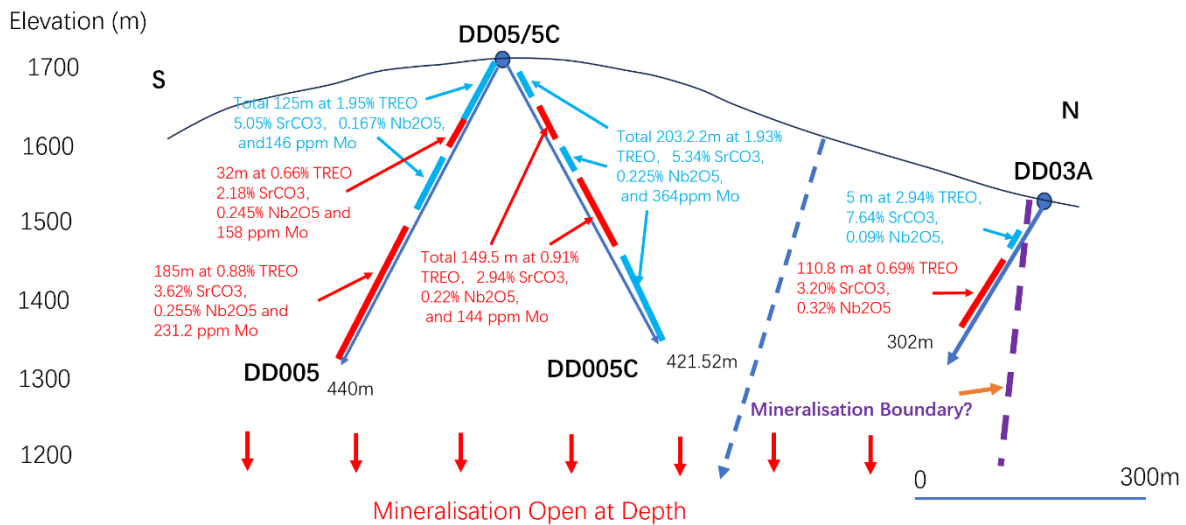


Figure 3: Drilling Cross Section illustrating mineralisation zoning across DD003A
 DD005 results reported ASX release 30 April 2025
 DD005C results reported ASX release 10 September 2025

Significant Intercepts - DD003A and DD0018A

Highlighted summary of mineralised layers across the two diamond holes are defined in Table 1. Please refer Appendix 1 for full assay details.

Hole_ID	Depth_From (m)	Depth_To (m)	Inrterval (m)	TREO%	Nb2O5%	SrCO3 %	Layer
DD003A	200	231	31	0.81	0.32	3.12	Upper
DD003A	252	287	35	0.91	0.26	4.44	Lower
	Weighted average		66	0.86	0.29	3.82	
DD018A	266	272	6	0.80	0.03	4.38	Upper
DD018A	285	291	6	1.20	0.11	3.45	Upper
DD018A	305	313	8	1.02	0.09	4.57	Upper
DD018A	361	365	4	0.64	0.31	2.88	Lower
DD018A	370	381	11	0.70	0.26	3.10	Lower
DD018A	387	423	36	0.72	0.34	3.15	Lower
	Weighted average		71	0.79	0.25	3.42	

Table 1: Mineralised layers

Drilling Update

With the Phase II diamond program now complete (15 holes for 7,190m) the Company is moving rapidly to the next stage of work. Pending assays from a further eight Phase II holes are expected to flow through progressively in May, providing a steady stream of news to the market. The Company's Smart 8 drilling rig is being mobilised to commence bulk sampling across the Kameelburg carbonatite, accelerating the path toward metallurgical test-work and eventual definition studies.

A follow-up deeper diamond hole on the DD003 pad has been prioritised to test the strong grade-with-depth trend established by DD003A given the high-conviction target supported by the increasing REE and SrCO₃ grades observed below 200m. The Company is also finalising its updated Mineral Resource Estimate, which will incorporate Strontium carbonate for the first time, materially expanding the value envelope of the project. The updated MRE is on track for release in the coming weeks.

A summary of drilling to date is as follows:

No.	Borehole ID	UTM Zone	Easting	Northing	Elevation (m)	Azimuth	Dip (degrees)	Drilled Depth (m)	Assay Status	Location	Planned depth (m)
1	DD003A	33K	630505	7703237	1,454	180	-60	300.2	Received	DD003 Pad	600
2	DD003B	33K	630506	7703259	1,530	90	-65	438.9	Awaiting	DD003 Pad	500
3	DD003C	33K	630505	7703261	1,528	22	-65	214.7	Awaiting	DD003 Pad	500
4	DD004E	33K	630754	7702933	1,742	40	-60	387.2	Received	DD004 Pad	750
5	DD004F	33K	630752	7702933	1,740	310	-60	354.2	Received	DD004 Pad	750
6	DD005D	33K	630454	7702620	1,703	225	-60	604.4	Awaiting	DD005 Pad	650
7	DD005E	33K	630453	7702621	1,705	292	-60	629.9	Received	DD005 Pad	750
8	DD005F	33K	630454	7702621	1,702	330	-65	434.9	Received	DD005 Pad	700
9	DD005G	33K	630457	7702622	1,705	45	-65	537.7	Received	DD005 Pad	700
10	DD008D	33K	631046	7702691	1,643	90	-65	503.9	Awaiting	DD008 Pad	600
11	DD008E	33K	631046	7702691	1,643	45	-60	500.9	Awaiting	DD008 Pad	600
12	DD008F	33K	631046	7702691	1,643	240	-60	556	Awaiting	DD008 Pad	600
13	DD008G	33K	631046	7702691	1,643	330	-60	573.5	Awaiting	DD008 Pad	650
14	DD013A	33K	630898	7702235	1,536	320	-65	550.5	Awaiting	DD013 Pad	600
15	DD018A	33K	630276	7702304	1,614	360	-65	603.1	Received	DP002 Pad	560
Total								7190.0			

Table 2: Completed Phase 2 drilling summary.

In relying on the above mentioned ASX announcements and pursuant to ASX Listing Rule 5.23.2, the Company confirms that it is not aware of any new information or data that materially affects the information included in the above-mentioned announcements, and in the case of estimates of mineral resources, all material assumptions and technical parameters underpinning the estimates in the relevant market announcements continue to apply and have not materially changed.

Authorised for and on behalf of the Board,

Sarah Smith
Company Secretary

About Aldoro Resources

Aldoro Resources Ltd is an ASX-listed (**ASX: ARM**) 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 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. 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.

Appendix 1: Down hole assays – Lanthanides, Yttrium, Niobium, Molybdenum and Strontium

Drill Collar DD0018A (Dominant Mineralisation highlighted **REE** Nb and bold text used for quoted layers)

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	Sr ppm	TREO%	Nb2O5%	NdPr%	SrCo3 %
DD018A	DD018A-001	0	1	811.8	7.2	2	9	20.6	1	443.5	0.1	311.6	90.6	38.7	2	0	25	1.2	553	38	1565	0.21	0.08	22.72%	0.26
DD018A	DD018A-002	1	2	957.9	10.9	4.2	11.8	26.8	1.8	487.8	0.3	341.8	101.2	46.3	2.8	0.6	43	2.4	495	54	1881	0.24	0.07	21.64%	0.32
DD018A	DD018A-003	2	3	915.2	14.8	5.9	13.4	31	2.4	468.2	0.6	349.5	99.5	50.6	3.4	0.9	62.6	5.2	958	30	3233	0.24	0.14	22.09%	0.54
DD018A	DD018A-004	3	4	892.2	8.3	2.4	11.7	24.1	1.3	465.2	0.2	332.4	97.2	47.8	2.2	0	27.2	1.4	585	22	1709	0.22	0.08	22.37%	0.29
DD018A	DD018A-005	4	5	597	41.8	13.3	28.5	79	6.2	270.8	1	341.4	79.8	84.9	9.4	1.6	147.5	8.3	511	13	2956	0.20	0.07	24.44%	0.50
DD018A	DD018A-006	5	6	806.1	14.1	6.5	12.8	28.8	2.5	434.7	0.5	327.1	91.6	47.1	3.1	0.8	63.7	4.5	858	48	2640	0.22	0.12	22.64%	0.44
DD018A	DD018A-007	6	7	1478.3	31.6	16.9	22	52.8	5.9	739.2	1.5	578	160.9	85.2	6.1	2.3	157	12.3	1122	18	14134	0.39	0.16	21.91%	2.38
DD018A	DD018A-008	7	8	2088.5	38.4	17.7	30.3	71.6	6.9	1026.4	1.6	830.6	226.2	119.7	8.2	2.4	175.4	13.1	740	18	30339	0.55	0.11	22.58%	5.11
DD018A	DD018A-009	8	9	1215.9	25	13.7	18.7	43	4.8	579.4	1.3	451.1	126.4	68.1	5.1	1.9	132.3	10.8	910	51	3381	0.32	0.13	21.28%	0.57
DD018A	DD018A-010	9	10	1618.6	40.1	15.8	26.6	65.6	6.7	777.2	1.2	629.9	174.9	97.6	7.9	2	173.8	10.4	807	31	14239	0.43	0.12	21.93%	2.40
DD018A	DD018A-011	10	11	1813.7	19.8	6.2	23.7	53.1	2.8	905.4	0.5	650.5	187.6	92.5	5.2	0.7	67.6	4	761	46	5374	0.45	0.11	21.78%	0.91
DD018A	DD018A-013	11	12	1464.1	26.6	11.8	22.7	52.1	4.7	792.3	1	528.3	150.8	81.3	5.9	1.5	122.7	8.3	629	65	5779	0.38	0.09	20.84%	0.97
DD018A	DD018A-014	12	13	1518.1	50.6	23.6	27.5	70.3	9.4	722.7	1.9	628.8	168.9	96.1	9.3	3	236.1	16.2	727	13	17930	0.42	0.10	22.11%	3.02
DD018A	DD018A-015	13	14	1579.2	36.8	18.7	25.9	63.1	7	759.5	1.8	639.9	171.3	95.7	7.3	2.6	184.7	15	438	21	15196	0.42	0.06	22.35%	2.56
DD018A	DD018A-016	14	15	2067.1	66.7	37.3	35.8	90.4	13.4	1011.8	3.2	837.5	229.2	127.9	11.7	5.1	354.2	27.2	914	29	16858	0.58	0.13	21.52%	2.84
DD018A	DD018A-017	15	16	1832.9	54.9	30.9	31	77.5	10.5	895.4	2.7	729.6	198.5	108.8	9.6	4.2	289.4	22.7	769	26	16994	0.51	0.11	21.44%	2.86
DD018A	DD018A-018	16	17	2708.3	36.1	19.9	28.5	66.4	6.7	1819.1	1.8	844.9	258.9	108.6	7.6	2.7	179.8	15.4	614	27	13282	0.72	0.09	17.99%	2.24
DD018A	DD018A-019	17	18	1740.8	44.7	27.3	28.7	68.3	9.1	825.8	2.5	704.1	189.7	103.9	8.1	3.9	249.5	21.4	661	29	13887	0.47	0.09	22.04%	2.36
DD018A	DD018A-020	18	19	1882.7	47.2	28.4	31.4	75	9.1	922.7	2.5	759.5	208.6	114.9	8.7	3.9	256.4	21	478	27	22526	0.51	0.07	22.00%	3.80
DD018A	DD018A-022	19	20	1428.2	30.3	18.9	22.6	52.3	6.1	705.2	1.7	555.9	155.2	84.4	5.7	2.6	166.6	14.4	992	35	6711	0.38	0.14	21.75%	1.13
DD018A	DD018A-023	20	21	2233.7	37.2	23.3	29.7	64.7	7.7	1103.1	2.1	858.3	240.9	118.4	7	3.3	213.4	17.3	667	12	21979	0.58	0.10	22.04%	3.70
DD018A	DD018A-024	21	22	2118.1	69.2	45	37	90.8	14.8	1027.6	3.9	851.6	234.8	131.2	11.1	6.2	407.9	33	491	27	25502	0.60	0.07	21.20%	4.30
DD018A	DD018A-025	22	23	2453.3	38.1	19.7	30.7	69.5	7.2	1335	1.7	895.6	258.8	123.9	7.4	2.8	194.1	14.4	530	15	16079	0.64	0.08	21.07%	2.71
DD018A	DD018A-027	23	24	2662.6	32.3	20.5	27.9	61.3	6.7	1525.8	2.1	885.5	266.1	113	6.4	3.2	181.4	17.9	980	59	15964	0.68	0.14	19.72%	2.69
DD018A	DD018A-028	24	25	1491.5	36.6	26	22.8	53.2	8.1	736.7	2.7	568.6	160.1	85.2	6.1	3.8	231.1	22.3	980	47	11778	0.41	0.14	20.94%	1.98
DD018A	DD018A-029	25	26	1788.4	72.4	47.5	35.4	90.9	16	853.5	4.4	726.2	196	120.7	11.5	7	437	37	616	31	17604	0.52	0.09	20.56%	2.97
DD018A	DD018A-031	26	27	2212.8	57	30.6	35.1	86.9	11	1142.7	3	847.1	234.4	130	10.5	4.3	296.8	25	908	18	17173	0.60	0.13	20.96%	2.89
DD018A	DD018A-032	27	28	1859	24.8	10.5	25.4	56.5	4.1	889.9	1	713.9	199.7	99.2	5.7	1.4	104.7	8.3	463	12	20717	0.47	0.07	22.72%	3.49
DD018A	DD018A-033	28	29	1143.6	12	6.3	12.8	26.9	2.2	566.7	0.7	399.3	116.2	55.5	2.7	1	58.4	6.2	457	79	4495	0.28	0.07	21.30%	0.76
DD018A	DD018A-034	29	30	827.3	11.5	5.8	10.4	22.9	2.1	433.7	0.6	319.2	90.2	42	2.4	0.8	56.5	5.2	452	86	6353	0.21	0.06	22.26%	1.07
DD018A	DD018A-035	30	31	1420.8	25.4	11.8	20.3	47.6	4.6	678.1	1.2	548.1	152.5	81.6	5.2	1.6	121.1	10.1	724	140	8268	0.37	0.10	22.27%	1.39
DD018A	DD018A-036	31	32	1603.5	30	12.4	23	55.2	5.2	773.4	1.1	610.4	172.1	90.1	6.2	1.5	136.6	8.9	890	53	8798	0.41	0.13	22.06%	1.48
DD018A	DD018A-037	32	33	2286.9	24.1	7.5	27.2	56.9	3.4	1187.8	0.5	812.7	235.6	111.9	5.6	0.7	86.7	3.8	752	32	14933	0.58	0.11	21.09%	2.52
DD018A	DD018A-038	33	34	1794.7	19.3	6.7	22.4	46.9	3.1	936.3	0.5	627.4	184.9	96.8	4.8	0.7	75	4.1	515	110	8072	0.45	0.07	21.22%	1.36
DD018A	DD018A-040	34	35	1343.7	35.4	17.6	22	54.6	6.6	627.1	1.7	533.1	145.4	81.9	6.9	2.4	171	13.9	791	24	10853	0.36	0.11	22.01%	1.83
DD018A	DD018A-041	35	36	1469.9	52.3	28.1	27.3	71.6	10.1	689.9	2.6	612.2	163.5	98.6	9.2	4.1	269.7	22.1	619	7	13229	0.42	0.09	21.80%	2.23
DD018A	DD018A-042	36	37	1105.6	30	15.6	21.4	51.5	5.3	512.5	1.8	458.7	123	76.4	6	2.4	144.9	15	815	58	11578	0.30	0.12	22.49%	1.95
DD018A	DD018A-043	37	38	2032.2	25.2	7.4	28.6	63.4	3.5	1102.1	0.7	730.8	210.6	105.9	6.4	0.8	88.5	5.5	667	83	19150	0.52	0.10	21.25%	3.23
DD018A	DD018A-044	38	39	1213.7	19.7	7.6	16.3	37.7	3.2	589.9	0.6	463.6	129.3	63.5	4.3	1	83.9	5.2	638	48	16163	0.31	0.09	22.36%	2.72
DD018A	DD018A-045	39	40	1071.1	16.9	7.4	14.9	34.2	2.9	519.8	0.7	404.1	113.7	57.5	3.7	1	75.3	5.9	648	74	12115	0.27	0.09	22.13%	2.04
DD018A	DD018A-046	40	41	1428.2	22.8	8.7	20.6	48.3	3.4	787.3	0.8	498.1	143.7	78.2	5.3	1.1	90.8	6.7	851	51	14186	0.37	0.12	20.32%	2.39
DD018A	DD018A-047	41	42	1568.9	24.3	8.8	22.9	52.9	3.6	784.6	0.8	583.5	164.5	86.1	5.5	1.1	94.5	6.6	647	73	13619	0.40	0.09	21.85%	2.29
DD018A	DD018A-048	42	43	1213.7	16.8	5.8	15.5	37.2	2.8	617.5	0.5	436.2	123.5	62.3	4	0.7	66.4	4	683	77	10335	0.31	0.10	21.38%	1.74
DD018A	DD018A-049	43	44	906.4	23.5	8.8	16	39.2	3.7	468.6	0.8	365.5	101.4	56.9	4.6	1	95.2	6.4	428	35	10365	0.25	0.06	22.13%	1.75
DD018A	DD018A-050	44	45	1159.6	20.6	6.7	16.4	38.5	2.9	591.6	0.5	434.1	122.2	62.2	4.2	0.7	76.1	4.3	555	35	6378	0.30	0.08	21.80%	1.07
DD018A	DD018A-051	45	46	1207	22	7.7	17.3	41.9	3.4	591.4	0.8	459.1	129.6	70.6	4.8	1.1	85.5	7.1	843	16	13387	0.31	0.12	22.12%	2.26
DD018A	DD018A-053	46	47	1412.7	26.7	10.6	21.4	49.5	4.4	686.8	1.2	547.7	152.7	79.6	5.6	1.6	111.3	10	780	27	11021	0.37	0.11	21.33%	1.86
DD018A	DD018A-054	47	48	802.3	13.6	4.8	11.9	28.5	2	394	0.4	324	92	47.1	3	0.6	54.7	3.7	2009	26	7538	0.21	0.29	23.23%	1.27
DD018A	DD018A-055	48	49	677.6	35.6	18.4	14.8	43.7	7	340.2	1.6	290.2	77	51.4	6.2	2.4	179.7	13.3	972	35	8839	0.21	0.14	20.67%	1.49
DD018A	DD018A-056	49	50	561	17.6	9.6	9.5	24.4	3.4	281.3	0.9	232.5	63.8	34.4	3.1	1.2	87.3	7.5	413	27	5634	0.16	0.06	22.00%	0.95
DD018A	DD018A-057	50	51	828.5	37																				

Host_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	Sr ppm	TREO%	Nb2O5%	NdPr%	SrCO3%
DD018A	DD018A-088	78	79	743.3	8.5	2.9	6.5	18	1.3	515.3	0.4	202.3	68.1	26.5	1.8	0	29.9	3.3	284	13	1527	0.19	0.04	16.54%	0.26
DD018A	DD018A-089	79	80	155.1	14.3	6.6	5.7	19.1	2.6	80.1	0.7	70.6	18.2	17.1	2.6	1	70.8	6.3	166	6	1759	0.06	0.02	18.62%	0.30
DD018A	DD018A-090	80	81	159.5	6.6	2.9	3.8	10.9	1.1	82.9	0.4	69.6	18	14.1	1.3	0	32.3	3.6	216	6	2300	0.05	0.03	21.36%	0.39
DD018A	DD018A-091	81	82	318	17	9.6	7.7	22.4	3.3	162.1	1.3	130	35.9	25.4	3.2	1.6	96.5	11	262	10	2660	0.10	0.04	19.43%	0.45
DD018A	DD018A-093	82	83	1194.2	37.9	17.9	19.4	53	7.2	620	1.8	432.3	123	70.7	7	2.5	194.7	15.5	390	18	6547	0.33	0.06	19.71%	1.10
DD018A	DD018A-094	83	84	313	12.5	6	6	17.6	2.2	171.9	0.7	119.5	34.2	21.6	2.3	0.8	64.5	5.5	230	4	2540	0.09	0.03	19.58%	0.43
DD018A	DD018A-095	84	85	132.9	4.9	2.6	1.7	6	1	74.7	0.3	47.5	14	8.9	0.8	0	27.1	2.8	134	4	1166	0.04	0.02	18.75%	0.20
DD018A	DD018A-096	85	86	178	6.9	3.5	2.8	9.1	1.3	104.2	0.4	65.7	18.2	9.8	1.2	0.6	38	3.5	133	2	1496	0.05	0.02	18.77%	0.25
DD018A	DD018A-097	86	87	40.8	5.6	3.4	1.3	5.5	1.1	20.3	0.4	18.8	4.7	5.2	1	0	32.8	3.2	54	4	1591	0.02	0.01	16.01%	0.27
DD018A	DD018A-098	87	88	33.8	3.2	2.1	0.8	3.8	0.7	17.1	0.2	15.2	3.8	3.5	0.6	0	22.5	1.8	30	2	1932	0.01	0.00	17.11%	0.33
DD018A	DD018A-099	88	89	50.3	7.9	4.4	2.1	8.2	1.5	23.5	0.5	24.1	5.7	6.1	1.3	0.6	42.1	4	101	4	2270	0.02	0.01	16.04%	0.38
DD018A	DD018A-100	89	90	36.1	3.9	2	1	4.4	0.8	17.5	0.2	16.4	4.1	4	0.6	0	22.2	1.9	46	3	2692	0.01	0.01	17.52%	0.45
DD018A	DD018A-102	90	91	42.9	6.3	3.1	1.8	6.6	1.2	22	0.4	17.8	4.6	5	1.1	0	34.8	3.3	43	3	3682	0.02	0.01	14.57%	0.62
DD018A	DD018A-103	91	92	96.9	5.7	3.3	1.9	6.8	1.2	55.5	0.4	33.3	9.5	7.5	0.9	0.5	34.1	3	76	4	2369	0.03	0.01	16.23%	0.40
DD018A	DD018A-104	92	93	95.5	9.2	3.7	2.9	10.4	1.6	48.7	0.4	41.3	10.7	9.3	1.6	0.5	41.5	3.3	110	5	1702	0.03	0.02	18.30%	0.29
DD018A	DD018A-105	93	94	1288.1	28.4	9.9	18.2	48.3	4.4	652.3	0.7	448.7	129.3	69.8	5.8	1	108	5.9	775	7	2185	0.33	0.11	20.40%	0.37
DD018A	DD018A-107	94	95	301.2	3.2	1.3	3.3	7.8	0.5	167.5	0.2	99.8	30.9	13.6	0.6	0	13.9	1.5	457	6	931	0.08	0.07	20.17%	0.16
DD018A	DD018A-108	95	96	227.1	3.2	1.2	2.5	5.6	0.5	131.1	0.2	70.6	23	10.4	0.6	0	13.4	1.5	183	4	706	0.06	0.03	18.98%	0.12
DD018A	DD018A-109	96	97	305.3	3.8	1.3	4	8.6	0.6	174.2	0.2	110.2	32.4	15.1	0.9	0	15.4	1.4	226	9	1659	0.08	0.03	21.09%	0.28
DD018A	DD018A-111	97	98	646.6	16.5	5.6	12	32.4	2.6	353.2	0.5	253.9	70.8	43.6	3.6	0.7	64.4	3.9	339	5	1836	0.18	0.05	21.39%	0.31
DD018A	DD018A-112	98	99	501	13.6	5.3	9	24	2.3	263.8	0.5	195.2	56.6	34.7	2.8	0.7	58.1	4.3	298	3	3116	0.14	0.04	21.30%	0.53
DD018A	DD018A-113	99	100	71.4	7.6	4.2	2.3	9	1.5	41.7	0.5	30.8	7.8	7.4	1.3	0.6	42	4.4	72	2	3051	0.03	0.01	16.35%	0.51
DD018A	DD018A-114	100	101	233.4	15	5.6	5.8	18.3	2.3	123.9	0.5	96.7	25.8	19	2.8	0.7	60.6	4.4	178	4	2902	0.07	0.03	19.74%	0.49
DD018A	DD018A-115	101	102	70.5	11.2	5.5	2.7	10.4	2	32.2	0.5	36.7	9.1	9	1.6	0.6	52.5	4	56	4	2125	0.03	0.01	18.12%	0.36
DD018A	DD018A-116	102	103	82.9	8.3	3.7	2	8.3	1.4	33	0.4	39.8	11	7.8	1.3	0.6	42.2	3.6	133	12	1626	0.03	0.02	20.33%	0.27
DD018A	DD018A-117	103	104	329	20.6	8	5.8	20.3	3.6	170.2	0.7	126.4	34.9	21.1	3.3	1.1	90	6.3	243	3	3748	0.10	0.03	18.98%	0.68
DD018A	DD018A-118	104	105	348.7	6.3	2.8	3.6	9.4	1.1	190.5	0.4	121.1	36.3	15.4	1.1	0	30.8	3.6	217	11	2336	0.09	0.03	20.30%	0.39
DD018A	DD018A-120	105	106	458.4	11.3	5.5	6.6	19	2	245.3	0.9	173.3	49.5	27.5	2.3	1	61.4	7.5	320	7	2929	0.13	0.05	20.66%	0.49
DD018A	DD018A-121	106	107	114	13.9	6.6	2.8	11.9	2.5	62.9	0.7	42.6	11.9	9	2	0.9	68.3	6.2	138	2	1499	0.04	0.02	15.05%	0.25
DD018A	DD018A-122	107	108	94.5	9.3	4.4	2.5	9.5	1.7	48.6	0.5	37.5	10.4	8.3	1.5	0.6	46.5	4.1	49	3	2483	0.03	0.01	16.87%	0.42
DD018A	DD018A-123	108	109	117.7	13.1	5.3	4	14.4	2.3	60.2	0.6	52	13	12.4	2.2	0.7	61.9	5	79	7	2761	0.04	0.01	17.56%	0.47
DD018A	DD018A-124	109	110	111.6	41.8	17.2	7.8	31.7	7.7	53.9	1.6	62.1	14.4	20.7	6.3	2.3	199.3	13.5	121	12	3020	0.07	0.02	12.59%	0.51
DD018A	DD018A-125	110	111	1201.7	19.1	6.8	15.4	37	3.2	604.7	0.7	444.1	126.2	63.3	4.1	0.9	79.2	5.9	671	31	9552	0.31	0.10	21.73%	1.61
DD018A	DD018A-126	111	112	1126.4	6.7	1.8	10.2	22.2	1	625.8	0.2	350.4	108.1	43.7	2	0	21.3	1.8	420	12	5949	0.27	0.06	19.69%	1.00
DD018A	DD018A-127	112	113	122.2	12.1	5.8	3.8	13.3	2.3	83	0.8	54.1	13.8	12.3	2	0.9	62.4	6.5	128	3	2786	0.04	0.02	17.84%	0.47
DD018A	DD018A-128	113	114	167.7	11.5	6.2	3.8	13.2	2.3	84.6	0.7	71.4	19.1	13.9	1.8	0.9	63.2	5.6	109	4	2358	0.06	0.02	19.19%	0.40
DD018A	DD018A-129	114	115	285.5	11	5.3	5.1	15.1	2	160.8	0.7	106.1	30.8	18.3	2	0.8	56.2	5.5	290	6	3242	0.08	0.04	19.26%	0.55
DD018A	DD018A-130	115	116	735	12	5.7	9.1	22.8	2.1	419.4	0.7	265.9	77.5	39.9	2.6	0.8	56.8	5.9	276	8	6147	0.19	0.04	20.63%	1.04
DD018A	DD018A-131	116	117	545.6	8.1	4.1	6.2	15	1.5	323.5	0.6	174.4	54.7	25.1	1.6	0.6	41.8	4.8	138	5	5554	0.14	0.02	19.08%	0.94
DD018A	DD018A-133	117	118	215.8	8.4	4.1	3.7	11.2	1.5	122.3	0.5	84.5	23.8	15.8	1.5	0.6	40.6	4	163	6	5179	0.06	0.02	19.96%	0.87
DD018A	DD018A-134	118	119	60.1	7.2	3.9	2	8.2	1.3	28.8	0.5	30.9	7.4	7.5	1.2	0.6	38.8	4	166	4	1549	0.02	0.02	18.63%	0.26
DD018A	DD018A-135	119	120	101.4	6.6	3.1	2.4	7.9	1.2	58.8	0.4	45.2	11.6	8.9	1.2	0.5	33.6	3.3	311	4	1285	0.03	0.03	19.64%	0.22
DD018A	DD018A-136	120	121	300.1	17.1	7.3	6.4	20.5	3.1	168	0.7	120.4	32.8	21.1	3	1	80.2	5.9	242	9	2802	0.09	0.03	19.26%	0.47
DD018A	DD018A-137	121	122	451.1	9.5	3.6	6.5	17.6	1.6	234.4	0.4	179.3	50	27	2	0	40.4	3	394	2	5325	0.12	0.06	22.23%	0.90
DD018A	DD018A-138	122	123	111.2	4.2	1.9	2	6.3	0.7	58.2	0.2	45	12.3	7.6	0.8	0	20	2	312	6	2038	0.03	0.04	20.88%	0.34
DD018A	DD018A-139	123	124	85.8	7.4	3.9	2.1	8.2	1.4	45	0.5	39.1	9.6	8	1.3	0.5	41	4.4	194	3	1605	0.03	0.03	18.60%	0.27
DD018A	DD018A-140	124	125	1121.5	21.7	9.5	12.1	33.7	3.7	730.1	0.8	316	99.7	45.9	4.3	1.1	99.5	6.9	354	5	9425	0.29	0.05	16.49%	1.59
DD018A	DD018A-141	125	126	557.3	12	4.7	8.2	22	2	298.9	0.5	213.6	59.4	33.8	2.4	0.6	53.6	4.2	290	6	9518	0.15	0.04	21.33%	1.60
DD018A	DD018A-142	126	127	267.6	10.7	4.7	5.8	17.5	1.9	134.2	0.5	122.5	31.9	22.2	2	0.6	47.8	4.2	225	5	3097	0.08	0.03	22.74%	0.52
DD018A	DD018A-143	127	128	331.5	15	6.6	7.2	20.6	2.7	177.5	0.7	137.5	37.5	24.9	2.8	0.9	70.2	5.8	241	8	4626	0.10	0.03	20.63%	0.78
DD018A	DD018A-144	128	129	592.9	11.8	4.3	9.7	23.8	1.8	322.9	0.4	235.6	65.6	39.3	2.5	0.6	46.9	3.4	551	12	7049	0.16	0.08	22.02%	1.19
DD018A	DD018A-145	129	130	316.5	12.1	5.7	5.9	16.7	2.2	178	0.6	112.8	35.1	22.3	2.1	0.7	59.8	5.3	458	8	3196	0.09	0.07	19.84%	0.54
DD018A	DD018A-147	130	131	136.4	11.6	5.8	4.4	14.1	2.3	70.4	0.6	63.8	16.3	16	2.1	0.8	6								

Host_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	Sr ppm	TREO%	Nb2O5%	NdPr%	SrCO3%
DD018A	DD018A-191	168	169	391	12.3	5.1	7.7	20.2	2.2	211.6	0.5	143.3	40	22.8	2.4	0.7	57.4	4.6	390	8	4066	0.11	0.06	19.75%	0.69
DD018A	DD018A-192	169	170	908.8	18	7.2	11.9	32.4	2.8	539.2	0.7	318.8	90.7	45.5	3.6	1	77.7	6.2	1262	6	4317	0.24	0.18	19.73%	0.73
DD018A	DD018A-193	170	171	726.8	33.7	12.6	17.5	49.9	5.6	399.9	1.2	292.3	77.2	53.3	6.6	1.7	143.2	9.7	395	16	2962	0.22	0.06	20.02%	0.50
DD018A	DD018A-194	171	172	743.5	17.7	6.5	10.1	28.9	2.8	467	0.6	248.3	71.9	35.8	3.6	0.8	75.9	5.2	517	11	3486	0.20	0.07	18.52%	0.59
DD018A	DD018A-195	172	173	945.2	15.7	6	10.5	28.5	2.5	540.8	0.6	301	92.4	41	3.3	0.8	68.3	4.9	482	8	2421	0.24	0.07	18.99%	0.41
DD018A	DD018A-196	173	174	798	9.4	4.3	8.8	20.8	1.6	469.6	0.5	274.3	79.7	35.6	2	0.5	42.2	3.9	282	8	4815	0.21	0.04	20.13%	0.81
DD018A	DD018A-197	174	175	754.2	10.9	4.2	9.4	21.9	1.8	380.2	0.4	275.6	80.1	37.2	2.4	0	45.8	3.2	521	26	2196	0.19	0.07	21.76%	0.37
DD018A	DD018A-198	175	176	4157.6	31.3	5.7	43.5	93.3	3.5	1942.7	0.4	1449.6	440.4	179.6	8.8	0.6	75.2	3.3	131	194	3527	0.99	0.02	22.34%	0.59
DD018A	DD018A-200	176	177	3941.1	29.8	6.9	38.5	81.7	3.7	1880.8	0.4	1289.9	409.6	156.6	8.2	0.7	85.3	3.6	21	269	3131	0.93	0.00	21.34%	0.53
DD018A	DD018A-201	177	178	4465.3	50.1	12.7	49.7	114	6.5	2097.9	0.8	1517.1	470.7	193.7	11.8	1.1	149.2	6.4	33	258	2896	1.07	0.00	21.66%	0.49
DD018A	DD018A-202	178	179	5904.4	30.4	7	50.2	101.5	3.7	2808.3	0.4	1873.9	601.1	220.5	9.2	0.7	81.7	3.4	148	199	3076	1.37	0.02	21.10%	0.52
DD018A	DD018A-203	179	180	845.2	39.1	13.1	22	59.6	6.1	407.1	0.8	373.1	95.2	69.5	7.7	1.4	155.4	6.9	467	34	2721	0.25	0.07	22.11%	0.46
DD018A	DD018A-204	180	181	474.9	25.1	9.7	12.8	36.4	4.1	230.7	1	217.4	55.3	41.7	4.5	1.2	109.3	8.1	247	8	4863	0.15	0.04	21.95%	0.82
DD018A	DD018A-205	181	182	1203.9	24.4	8.4	18.9	47.9	4	595.2	0.7	427.7	121.5	64.8	5.5	1	99.2	5.5	751	18	9591	0.31	0.11	20.79%	1.62
DD018A	DD018A-206	182	183	273.3	19.3	7.3	8.8	27.1	3.3	135.5	0.7	123.2	30.2	24.4	3.5	1	85.3	5.8	219	8	2866	0.09	0.03	20.28%	0.48
DD018A	DD018A-207	183	184	207.3	13.7	6.8	4.9	15.7	2.7	89.6	0.8	89	22.2	13.3	2.2	1	73.1	6.4	196	3	2828	0.06	0.03	20.03%	0.48
DD018A	DD018A-208	184	185	255.7	14.1	6.1	5.7	17.3	2.5	148.4	0.6	93.7	24.9	17.6	2.5	0.9	67.8	4.9	205	4	3016	0.08	0.03	17.72%	0.51
DD018A	DD018A-209	185	186	2329.8	35.1	17.9	36.7	95.9	8.2	1340.2	1.2	846.1	238.3	130	11.1	2	205.5	10.2	522	55	13608	0.62	0.07	20.25%	2.29
DD018A	DD018A-210	186	187	3136.8	53	9.5	30	71.7	5	1251.3	0.5	1183.5	356.3	128.4	8.2	1	117.8	4.2	288	177	3896	0.74	0.04	24.20%	0.66
DD018A	DD018A-211	187	188	1803.4	43.6	15.5	22.5	64.4	7.1	1167.5	1.1	547.3	164.3	80.3	8.4	1.9	183.1	9.4	508	16	9547	0.48	0.07	17.17%	1.61
DD018A	DD018A-213	188	189	1089.1	36.6	13.1	19.7	53	5.9	619.8	1	371.7	103.8	62.6	7.1	1.6	149.2	8.4	613	10	6995	0.30	0.09	18.58%	1.13
DD018A	DD018A-214	189	190	1364.4	14.6	5.4	14	31.4	2.4	691.5	0.5	475.5	135.9	59.2	3	0.6	59.3	4.2	842	18	10600	0.34	0.12	21.28%	1.79
DD018A	DD018A-215	190	191	1901.1	33.6	11.2	24	61.5	5.5	825.6	0.9	705.4	203.8	96.6	7	1.3	133.8	7.2	462	63	6357	0.47	0.07	22.52%	1.07
DD018A	DD018A-216	191	192	3173.8	30.6	10.8	28.5	64.1	4.9	1685.7	0.8	1090	330.6	129.9	6.8	1.1	118.1	6.4	1181	83	15638	0.78	0.17	21.18%	2.63
DD018A	DD018A-217	192	193	1614.2	31.3	10.8	20.1	51.7	5.1	861.2	0.7	542.6	160.1	76.3	6.3	1.2	124.7	6.3	892	24	6168	0.41	0.13	19.90%	1.04
DD018A	DD018A-218	193	194	715.9	6.3	2.5	6.3	13.9	1.1	372.2	0.3	256.8	75.7	26.6	1.4	0	27.4	2.5	704	18	5570	0.18	0.10	21.90%	0.94
DD018A	DD018A-219	194	195	1779.3	14.8	6.6	14.2	32.3	2.4	797	0.7	588.8	181.5	65.2	3.2	0.8	66	5.8	470	18	11778	0.42	0.07	21.56%	1.98
DD018A	DD018A-220	195	196	1928.6	34.6	14.7	22.7	58.6	5.8	1146.4	1.2	575.1	174.2	82.6	6.5	1.8	156.4	9.9	264	10	8542	0.50	0.04	17.67%	1.44
DD018A	DD018A-221	196	197	1262.6	66.7	31.3	26.6	79.3	12.5	617.3	2.5	486.6	131.5	84.2	11.7	4	333.9	21	329	11	9692	0.37	0.05	19.29%	1.63
DD018A	DD018A-222	197	198	1551.1	18.6	6.8	15.1	35.9	3.2	900.8	0.6	459.7	141.5	59.8	4	0.8	77.5	5	445	13	10303	0.38	0.06	18.25%	1.74
DD018A	DD018A-223	198	199	2722.4	74.3	30.3	33.7	96.9	12.9	1964.9	2.2	757.1	234.6	113.2	13.6	3.7	335.8	18.1	380	32	17546	0.75	0.05	15.36%	2.96
DD018A	DD018A-224	199	200	1488.2	29.1	9.9	20	52.8	4.7	776	0.7	508.3	146.9	73.4	6.3	1.2	113.4	6.2	466	43	7077	0.38	0.07	20.14%	1.19
DD018A	DD018A-225	200	201	819.1	6.2	2.3	7.9	16.5	0.9	467.6	0.3	277	81.6	33.2	1.6	0	21.3	2.5	405	12	5532	0.20	0.06	20.56%	0.93
DD018A	DD018A-227	201	202	2296.7	44.4	13.6	28.8	76.4	6.8	1495.3	0.9	708.4	212.5	103.3	9.2	1.5	162.1	7.5	540	18	9719	0.61	0.08	17.73%	1.64
DD018A	DD018A-228	202	203	6191.5	31.4	8.7	43.2	94.4	4.3	4844.2	0.5	1591.8	530.7	180.9	9.1	0.9	95.9	4.4	369	64	20020	1.60	0.05	15.52%	3.37
DD018A	DD018A-229	203	204	2553.8	19.6	6.5	17.8	41.7	3.1	1825.9	0.5	719.3	230.5	79.5	4.4	0.8	75.4	3.8	457	10	7181	0.65	0.07	16.95%	1.21
DD018A	DD018A-231	204	205	1424.4	35	14.4	16.9	43.3	6	850.3	1	469.5	139.7	65.3	5.9	1.5	152.2	7.8	700	16	12605	0.38	0.10	18.73%	2.12
DD018A	DD018A-232	205	206	1258.7	27.3	11.4	12.9	35.3	4.9	783.1	0.7	386.6	116.8	52.1	4.5	1.2	122.2	6	503	17	6730	0.33	0.07	17.72%	1.13
DD018A	DD018A-233	206	207	924.5	23.3	9.7	11.2	29.9	4.2	595.5	0.8	308.7	90.1	40.5	4.1	1.2	108.7	6.5	504	16	8125	0.25	0.07	18.36%	1.37
DD018A	DD018A-234	207	208	1218.7	10.6	3.6	13	27.5	1.5	729.3	0.3	409.9	119.4	53	2.6	0	36.7	2.6	616	23	7799	0.31	0.09	19.88%	1.31
DD018A	DD018A-235	208	209	1359.3	17.4	6.6	13.9	32	3	794.8	0.5	435.6	132.5	56.1	3.4	0.8	73.9	4	290	40	13608	0.34	0.04	19.28%	2.29
DD018A	DD018A-236	209	210	880.6	22.4	8.7	13.6	33.4	3.9	493.8	0.7	339.3	94.2	50.8	4	0.9	91.1	5.6	555	39	24692	0.24	0.08	21.10%	4.16
DD018A	DD018A-237	210	211	1219.8	11.6	4.4	11	23.5	2	722.2	0.3	397.2	119.1	47.2	2.6	0	46.7	2.7	794	21	6795	0.31	0.11	19.70%	1.14
DD018A	DD018A-238	211	212	725.9	6.1	2.3	6.5	13	0.9	435.8	0.3	244.9	73.4	29.4	1.4	0	24.2	2.4	645	11	7329	0.18	0.09	20.24%	1.23
DD018A	DD018A-240	212	213	510.9	13	6.4	6.7	17.5	2.4	295.8	0.5	140.2	53.9	26.1	2.4	0.8	60.2	3.8	513	12	5314	0.14	0.07	20.12%	0.90
DD018A	DD018A-241	213	214	357.3	13.6	5.3	5.9	14.9	2.5	192	0.4	143	39.5	21.4	2.2	0.7	62.4	3.3	612	20	3652	0.10	0.09	20.95%	0.62
DD018A	DD018A-242	214	215	429.5	9.7	4.1	5	13.2	1.6	246.4	0.4	159	44.9	21.6	1.6	0.5	41.8	3.3	593	10	3750	0.12	0.08	20.64%	0.63
DD018A	DD018A-243	215	216	645.8	9.7	4	7.2	16.3	1.7	359.6	0.4	231.9	67.9	30.4	1.9	0	39.6	3	647	9	17622	0.17	0.09	21.03%	2.97
DD018A	DD018A-244	216	217	886.3	12.3	4.9	10.2	23	2	531.9	0.4	318.5	92.3	41.7	2.5	0.6	46.1	3.2	484	28	23956	0.23	0.07	20.70%	4.04
DD018A	DD018A-245	217	218	735.9	10.6	4.1	8.8	19.8	1.8	424.4	0.4	268.2	78.9	36.3	2.2	0	42.3	3	479	16	2798	0.19	0.07	21.12%	0.47
DD018A	DD018A-246	218	219	2555	20.6	6.2	23.3	50.5	3	1557.4	0.4	821.1	253.2	95.7	5.3	0.7	64	3.6	1311	50					

Host_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	Sr ppm	TREO%	Nb2O5%	NdPr%	SrCO3%
DD018A	DD018A-291	258	259	3065.1	59.4	21.8	45	104.2	9.4	1569.6	1.4	1282.7	344.8	176.6	12.8	2.3	239.7	11	352	<1	24578	0.81	0.05	23.32%	4.14
DD018A	DD018A-293	259	260	3175.6	63.2	23	47.6	112.5	10.3	1610.3	1.5	1310.8	351.4	181.2	13.5	2.4	250.8	12.2	134	<1	25894	0.84	0.02	23.08%	4.36
DD018A	DD018A-294	260	261	3106	69.8	25.5	51.4	123.6	11.4	1588	1.6	1308.7	349.3	194.9	14.4	2.8	275.3	12.6	102	1	25617	0.84	0.01	23.12%	4.32
DD018A	DD018A-295	261	262	3233.2	60.9	21.9	47.7	110	9.6	1656.1	1.5	1327.6	357.9	184.9	12.7	2.4	241.4	11.9	211	<1	5388	0.85	0.03	23.04%	0.91
DD018A	DD018A-296	262	263	2973.2	69.1	24.8	47.4	114.2	11.2	1522.3	1.6	1238	332.4	175.2	14.3	2.6	274.4	12.6	171	<1	5437	0.80	0.02	22.93%	0.92
DD018A	DD018A-297	263	264	2684.2	48.2	19.1	36.4	86.2	7.8	1378.4	1.2	1113.5	301.2	146.5	9.9	2	201	10	400	<1	13559	0.71	0.06	23.29%	2.28
DD018A	DD018A-298	264	265	2844.9	59.5	22.8	43	97.5	9.9	1418.3	1.4	1201.9	322.3	165.1	12	2.5	252.8	11.3	436	2	17287	0.76	0.06	23.45%	2.91
DD018A	DD018A-299	265	266	2917.6	64.1	23.9	45.8	108	10.4	1503	1.6	1213.8	325.5	170.1	13.1	2.7	263.8	13.1	350	5	22747	0.78	0.05	22.94%	3.83
DD018A	DD018A-300	266	267	3299.2	29.6	11.2	35.5	72.5	4.6	1701.2	0.9	1311.3	362.4	155	7	1.2	114.9	7.1	60	<1	26469	0.83	0.01	23.44%	4.46
DD018A	DD018A-301	267	268	3059.6	52.6	19	43.8	98.1	8.3	1578.3	1.3	1246.2	337.8	166.9	11	2.1	210.7	10.4	157	1	22746	0.80	0.02	23.03%	3.83
DD018A	DD018A-302	268	269	2977.6	48	18.3	38.8	87.9	7.8	1570.2	1.3	1197.4	325.9	156.3	10.2	2.1	191.6	10.6	209	2	25055	0.78	0.03	22.83%	4.22
DD018A	DD018A-303	269	270	3322.2	48.1	16.9	45.1	98	7.4	1716	1.2	1356.1	367.5	177.6	10.4	1.9	181.7	9.5	31	1	27396	0.86	0.00	23.32%	4.62
DD018A	DD018A-304	270	271	3122.4	32.7	11.4	36.1	78.4	5.1	1599.2	0.8	1269.7	343.6	157	8.1	1.3	124.7	6.2	406	2	26123	0.80	0.06	23.65%	4.40
DD018A	DD018A-305	271	272	2734	48.4	17.7	39.5	92.3	8	1417	1.2	1223.3	302.1	157.2	10.4	2	197.4	9.9	466	5	28192	0.72	0.07	23.07%	4.75
DD018A	DD018A-307	272	273	1849.1	76.4	29.5	39	107.4	12.8	906.4	2.1	785	204	130.3	14.2	3.3	323.8	17.3	450	2	21451	0.53	0.06	21.81%	3.61
DD018A	DD018A-308	273	274	472.5	23.8	12.1	9.9	29.2	4.6	255.8	1.3	192.9	52.7	33.4	4.4	1.7	130.4	10.6	191	8	4468	0.15	0.03	19.68%	0.75
DD018A	DD018A-309	274	275	229.7	11.5	5.9	4.6	14.5	2.2	134	0.7	88.5	24.8	16.6	2	0.8	62.4	5.7	144	8	2455	0.07	0.02	18.58%	0.41
DD018A	DD018A-311	275	276	290.8	17	8.2	6.1	18.6	3.2	169.5	1.1	112.4	30.9	20.2	2.7	1.2	89.4	8.5	245	11	2915	0.09	0.04	18.18%	0.49
DD018A	DD018A-312	276	277	459.7	15.5	7.5	7.3	18.6	2.9	286.9	0.8	161.9	46.6	24.1	2.7	1.1	80.1	6.5	244	27	4336	0.13	0.03	18.44%	0.73
DD018A	DD018A-313	277	278	1882.1	29.4	11.7	21.9	51.7	4.9	995.2	0.9	708.3	196.2	89.4	5.8	1.3	126.5	7	394	131	15745	0.48	0.06	21.79%	0.97
DD018A	DD018A-314	278	279	2044.4	33.6	14.4	23	54	5.7	1243.7	1.1	673.8	198.5	87.7	6.3	1.7	145.3	9.3	430	483	9706	0.53	0.06	19.11%	1.64
DD018A	DD018A-315	279	280	5411	31.6	14.2	41.1	82	5.7	3662	1.2	1627.6	505.1	192.3	7.4	1.7	141.7	9.4	575	412	17487	1.37	0.08	18.11%	2.95
DD018A	DD018A-316	280	281	2078.9	23.1	11.8	16	38.1	4.2	1394.8	1	579	187.7	70.1	4.3	1.6	117.7	8.4	399	212	8158	0.53	0.06	16.82%	1.74
DD018A	DD018A-317	281	282	1280.6	22.7	13.4	12	32	4.7	790.7	1.3	372	117.3	47.5	4	1.8	123.9	10.2	358	116	4375	0.33	0.05	17.16%	1.37
DD018A	DD018A-318	282	283	1516.9	22.5	12.2	14	35	4.1	984.5	1.1	444.1	138.6	57	4.2	1.7	114.3	9.3	429	276	4000	0.39	0.06	17.41%	0.67
DD018A	DD018A-320	283	284	2900.7	29.3	15.5	22.5	52	5.6	2061.2	1.5	749.1	253.2	89.2	5.9	2.2	146.3	12.3	388	303	9226	0.74	0.06	15.72%	1.55
DD018A	DD018A-321	284	285	1196.1	29.7	18.3	14.2	37	6.2	772.2	1.6	346.4	108.1	51	4.9	2.3	167.5	13.1	192	78	6049	0.33	0.03	16.30%	1.02
DD018A	DD018A-322	285	286	4999.6	51.7	26.3	32.9	78.7	10	3770.5	2.1	1177.1	414.6	127	9.6	3.5	251.4	16.8	177	162	19552	1.29	0.03	14.44%	3.29
DD018A	DD018A-323	286	287	4454.5	30	13.3	26.6	60	4.9	3296.3	1	1066.3	373.7	111.1	6.2	1.6	133	8.2	294	292	19724	1.12	0.04	14.96%	3.32
DD018A	DD018A-324	287	288	7632.1	45.8	16.8	47	101.5	7	5749.5	1.1	1863.9	648	191.3	10.2	1.8	167.9	9.2	694	256	14856	1.93	0.10	15.17%	2.50
DD018A	DD018A-325	288	289	2983	63.9	34.5	38.2	93.2	12.5	613.9	2.9	1108.3	311.9	148.2	11.6	4.5	325	23.6	1609	24	17279	0.80	0.23	20.84%	2.91
DD018A	DD018A-326	289	290	3789.9	88.1	46.6	52.8	126.5	16.7	2000	3.9	1470.9	409.6	196.4	16.2	6.2	438.2	31.5	888	3	28166	1.02	0.13	21.50%	4.75
DD018A	DD018A-327	290	291	3903.9	95.5	54.9	51.8	129	19.5	2109.8	4.6	1499.7	418.4	200.1	16.5	7.3	519.7	37.2	1026	2	23344	1.07	0.15	21.01%	3.93
DD018A	DD018A-328	291	292	3144.7	75.1	46.7	43.3	101.5	16	1695.1	4	1215.8	343	163.5	13.3	6.5	413.8	32.8	7177	1	17461	0.86	1.03	21.17%	2.94
DD018A	DD018A-329	292	293	2813.1	80.5	46.8	43.2	102.3	16.3	1496	3.7	1099.5	302.1	158	13.6	6.1	428.3	29.8	1443	8	15432	0.78	0.21	20.99%	2.60
DD018A	DD018A-330	293	294	2059.5	86.5	39.7	36	99.2	15.7	1002.4	2.8	839.4	223.9	130.3	14.4	4.9	404.7	22.6	2503	17	4921	0.59	0.36	21.17%	0.83
DD018A	DD018A-331	294	295	2703.9	159.3	66.5	62.3	177.9	28.4	1314.2	4.2	1186	304.6	203	26.8	7.4	684.3	34.2	1030	265	12772	0.82	0.15	21.21%	2.15
DD018A	DD018A-333	295	296	3767.4	171.4	79.2	75.7	199.8	32.4	1869.9	5.3	1626.3	433	263.5	28.8	9.2	809.6	43	785	2	28073	1.11	0.11	21.69%	4.73
DD018A	DD018A-334	296	297	3456.2	123.7	55.8	60.1	149.2	22.8	1737.4	3.7	1475.1	394.3	221.5	20.5	6.4	581.1	30.2	420	12	7208	0.98	0.06	22.25%	1.21
DD018A	DD018A-335	297	298	3062.9	136	55.8	62	165.6	24	1472.9	3.6	1410.1	359.7	220.3	23.4	6.1	596.7	28.9	198	1	3994	0.90	0.03	23.02%	0.67
DD018A	DD018A-336	298	299	2555	118.6	47.9	54	146.9	20.6	1192.1	3.1	1173	299.5	199.5	20.7	5.2	515.9	24.8	271	3	4227	0.75	0.04	22.91%	0.71
DD018A	DD018A-337	299	300	2883.5	229.3	95.9	79.8	238.4	41.2	1394.6	5.9	1356.8	340.3	250.1	37.5	10.5	1002	47.6	507	2	7136	0.95	0.07	20.94%	1.20
DD018A	DD018A-338	300	301	1816.8	115.3	57	42.1	121.2	22.5	783.4	3.7	799.3	206.3	134.7	18.5	6.3	580.2	29.8	393	1	8952	0.56	0.06	20.99%	1.51
DD018A	DD018A-339	301	302	1692.3	82.9	35.8	33.6	93.5	15.2	771.2	2.6	711.5	188.1	115.3	14	4.3	391.7	21.4	107	1	15789	0.49	0.02	21.36%	2.66
DD018A	DD018A-340	302	303	2001.3	64.9	26.8	33.2	87	11.4	939.7	2.2	800.6	215.6	120.6	11.8	3.3	293.1	18.1	294	9	16706	0.54	0.04	21.80%	2.81
DD018A	DD018A-342	303	304	2255.6	50	19.5	37.8	91.3	8.1	1050.1	1.6	928	248.6	140.5	10.5	2.4	210.9	12.7	484	2	20431	0.59	0.07	23.10%	3.44
DD018A	DD018A-343	304	305	2584.7	71.8	28.8	51	125.9	12.2	1192.4	2.3	1091.1	288.8	182	14.4	3.7	319.3	18.3	411	7	22200	0.70	0.06	22.91%	3.74
DD018A	DD018A-344	305	306	3064.3	60.6	23.9	54.6	127.4	10.1	1516.2	2	1273.6	337	181.8	13.7	3.2	266.7	16	502	1	24529	0.82	0.07	22.99%	4.13
DD018A	DD018A-345	306	307	3304.5	87.6	36.8	60.1	150.7	15.4	1667.4	2.8	1349.5	363.5	211.8	17.8	4.6	399.9	22.5	1269	21	27282	0.90	0.18	22.13%	4.60
DD018A	DD018A-347	307	308	3044.5	105.9	43	56.9	156.1	18.1	1534.6	3	1216	331.1	201.8											

Host 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	Sr ppm	TREO%	Nb2O5%	NdPr%	SrCO3%
DD018A	DD018A-393	348	349	3975.6	34.3	17.4	17.9	45.8	6.4	1292	1.5	518.1	168.1	67.2	6.1	2.2	176.2	11.9	272	53	17987	0.51	0.04	15.72%	3.03
DD018A	DD018A-394	349	350	865.2	78.8	36.1	23.9	74.5	14.8	401.9	2.7	396.3	101.4	73.9	12.2	4.3	385.1	21.7	1712	5	12876	0.29	0.24	19.67%	2.17
DD018A	DD018A-395	350	351	1605.3	64.3	24	25.6	75.2	11	886.1	1.7	562.2	158.4	87.4	11.5	2.9	276.2	13.6	1228	40	15367	0.45	0.18	18.79%	2.69
DD018A	DD018A-396	351	352	2474.8	54.3	18.9	27.8	74.9	8.6	1441.3	2.1	775.2	233.4	102.6	10.5	2	213.8	10.4	516	72	17766	0.64	0.07	18.41%	2.99
DD018A	DD018A-397	352	353	1729.6	87.8	30.2	29.5	100.2	14.2	1075.6	2	528.1	160.1	87	16.4	3.6	353.3	16.4	1473	22	15365	0.50	0.21	16.12%	2.59
DD018A	DD018A-398	353	354	1510.8	60.2	21.5	29.1	83.1	9.7	803.2	1.7	562.9	156.7	92.9	11.8	2.6	250	13.7	444	32	16469	0.42	0.06	19.79%	2.77
DD018A	DD018A-400	354	355	1400.8	56.8	16.6	43.1	107.1	8.5	605.5	1	726.2	169.8	149.4	12.9	1.8	219.5	8	377	13	13663	0.41	0.05	25.24%	2.30
DD018A	DD018A-401	355	356	1842.9	45.6	15.7	35.7	89.2	6.9	833.9	0.8	773.2	203.8	130.6	10.4	1.5	179.9	6.7	719	67	16906	0.49	0.10	23.27%	2.85
DD018A	DD018A-402	356	357	1760	40.1	14.2	28.9	69.8	6.5	816.4	0.9	699.7	187.6	104.5	8.3	1.5	167.6	7.3	525	4	17222	0.46	0.08	22.55%	2.90
DD018A	DD018A-403	357	358	1765	56.4	23.8	29.4	76.5	10.1	849.5	1.8	695.2	189.8	107	10.4	2.8	268	14.3	569	28	15279	0.48	0.08	21.43%	2.57
DD018A	DD018A-404	358	359	1793.1	61.1	27	31.8	81.5	11.1	844.5	2	728.6	195.2	112.2	11.2	3.3	302.3	16.6	252	1	17026	0.50	0.04	21.72%	2.87
DD018A	DD018A-405	359	360	2250.2	63.2	25.8	36.6	90.8	11.1	1226.2	1.9	893.3	240.7	137.6	11.7	3	291.9	15.1	320	1	14193	0.61	0.05	21.67%	2.39
DD018A	DD018A-406	360	361	2485.2	62.1	23.7	39.8	100.5	10.4	1245.8	1.7	991.8	269.1	146.8	12.5	2.7	279.8	14.1	352	1	7972	0.67	0.05	22.04%	1.34
DD018A	DD018A-407	361	362	2029.6	38.3	13.7	31.4	73	6.3	909.9	1	840.6	224.2	123.7	8	1.5	161.7	8.4	1307	1	14926	0.52	0.19	23.70%	2.51
DD018A	DD018A-408	362	363	2571.6	48.1	17.6	40.9	92.7	7.9	1208.1	1.3	1076.3	286.8	156.8	10.2	2.1	202.6	10.3	426	1	18817	0.67	0.20	23.66%	3.17
DD018A	DD018A-409	363	364	2623.4	54.3	19.2	41.1	95.5	8.5	1282.6	1.4	1082.1	291.9	156.6	11.1	2.2	218.4	11.1	1579	2	18213	0.69	0.23	23.16%	3.07
DD018A	DD018A-410	364	365	2528.7	50.6	17.4	39.8	94.1	8.1	1217.7	1.3	1040.9	276.9	152.5	10.9	2	207.9	10.4	850	1	16534	0.66	0.12	23.17%	2.79
DD018A	DD018A-411	365	366	2621.5	68.8	26	42.8	103.7	11.3	1325.8	2.2	1061.8	290.4	154.4	13	3.2	298.3	17.8	626	1	17931	0.71	0.09	22.25%	3.02
DD018A	DD018A-413	366	367	3322.6	51.9	18	47.3	104	8.1	1682.2	1.5	1344	366.1	183.7	11.5	2.1	209.6	11.9	938	2	23802	0.86	0.13	23.12%	4.01
DD018A	DD018A-414	367	368	3055.2	51.5	17.6	46.2	102.4	7.6	1535.1	1.4	1237.3	335.3	178.7	11.5	2.1	199	11.6	1006	1	23196	0.80	0.14	23.05%	3.91
DD018A	DD018A-415	368	369	2809.3	46.4	16.7	43.2	97.5	7.5	1397.5	1.5	1118.9	305.8	164.4	10.4	2	192.6	12.1	564	1	19467	0.73	0.08	22.83%	3.28
DD018A	DD018A-416	369	370	2695.9	51.2	18.4	43.6	99.2	8	1346.3	1.7	1111.7	296.9	165.8	11	2.4	213.8	13.5	606	1	17958	0.71	0.09	23.08%	3.03
DD018A	DD018A-417	370	371	2588.4	50.5	21.2	41.2	94.9	8.4	1198.5	2	1059.9	287.2	156	10.9	2.8	230.7	16.2	1477	1	17726	0.68	0.21	23.02%	2.99
DD018A	DD018A-418	371	372	2636.7	70.8	28.4	43.7	108.7	11.7	1249	2.6	1109	293.8	165.4	13.8	3.8	315.7	20.8	1346	1	17794	0.71	0.19	22.96%	3.00
DD018A	DD018A-419	372	373	2795.5	54.7	21.1	41.7	97	9	1369.5	1.9	1143.4	306.3	163.5	11.3	2.5	246.9	15.3	3071	1	20158	0.74	0.44	22.97%	3.40
DD018A	DD018A-420	373	374	2686.2	63.8	24	44.7	105.2	10.5	1327.5	2.1	1116.5	298.7	167.5	12.6	2.9	286	16.8	1472	1	16770	0.72	0.21	22.83%	2.83
DD018A	DD018A-422	374	375	2627.2	59.8	22.2	41.4	97.7	9.6	1266.4	1.9	1066.7	290.4	157.5	12	2.7	269	15.6	1175	1	18999	0.70	0.17	22.72%	3.20
DD018A	DD018A-423	375	376	2586.4	72	29.4	45.4	109	12.4	1224.4	2.5	1069.3	286.2	161.6	13.8	3.5	327.2	19.9	1324	1	18219	0.70	0.19	22.59%	3.07
DD018A	DD018A-424	376	377	2603.2	68.7	32.4	43.8	103	12.1	1176	3	1099.4	291.9	162.5	12.9	4.2	340.5	24.4	1323	3	18093	0.70	0.19	23.13%	3.05
DD018A	DD018A-425	377	378	2342.6	91.4	38.3	42.8	109.2	16.5	1064.7	2.8	975.5	263.6	152.7	16.1	4.7	426.6	22.6	1935	1	16281	0.66	0.28	22.10%	2.74
DD018A	DD018A-427	378	379	2673.8	70.2	25.1	47.3	113.7	10.9	1206.2	2.1	1144.3	304.5	177.6	14.1	3.1	278	16.7	3966	1	18763	0.72	0.57	23.79%	3.16
DD018A	DD018A-428	379	380	2996.4	39.2	14.5	40.5	88.5	6	1517.1	1.2	1213	329.2	163	8.8	1.7	164.5	10	2189	1	20993	0.77	0.31	23.29%	3.54
DD018A	DD018A-429	380	381	2502.3	50.8	18.6	37.1	86.2	8.2	1242.1	1.6	982.2	268.9	140.2	10.4	2.4	223.4	13.4	836	1	18480	0.66	0.12	22.27%	3.11
DD018A	DD018A-431	381	382	1988	51.5	19.9	33.8	81.6	8.2	975.7	1.8	812.8	215.3	122	10.4	2.7	234.6	14.8	367	2	16797	0.54	0.05	22.35%	2.83
DD018A	DD018A-432	382	383	1922.2	58.8	23.8	33.5	84.6	9.9	920.7	2.3	772	208.4	123.2	11.4	3.1	283.6	18.8	444	1	16531	0.53	0.06	21.75%	2.79
DD018A	DD018A-433	383	384	1857.9	62.8	26.5	31.7	81.6	11.3	908.2	2.4	743.4	200.9	112.6	11.6	3.3	311.1	19.3	264	3	16901	0.52	0.04	21.38%	2.85
DD018A	DD018A-434	384	385	1631.1	42.1	17.2	28.5	70.4	7.2	774.3	1.2	660.6	173.5	103.5	8.7	1.9	187.2	9.5	899	2	18702	0.44	0.13	23.31%	3.15
DD018A	DD018A-435	385	386	1935.6	47.7	17.6	34.1	82.5	8	901.2	1.1	802.2	214.1	123.2	10	1.9	204.6	8.8	657	2	15819	0.52	0.09	23.01%	2.67
DD018A	DD018A-436	386	387	2878.8	51.9	15.3	50.6	114	7.7	1317.9	0.9	1262.7	334.2	187.2	12.2	1.6	194.8	7.4	566	1	20271	0.75	0.08	24.70%	3.42
DD018A	DD018A-437	387	388	3646.7	63.3	23.8	56.2	132	10.1	1768.6	1.7	1494.1	409	217.4	14.3	2.7	268.2	13.7	2094	3	21992	0.95	0.30	23.32%	3.71
DD018A	DD018A-438	388	389	4074.5	58.1	22.3	59.4	130.8	9.4	2028.7	1.4	1601.7	445.6	223.8	13.7	2.5	246.2	11.5	1483	2	24431	1.05	0.21	22.83%	4.12
DD018A	DD018A-440	389	390	4262.7	54.1	19.2	57	125.2	8.4	2229.8	1.4	1595	459.5	215.4	13.5	2.3	220.6	11.4	800	8	28624	1.09	0.11	22.06%	4.82
DD018A	DD018A-441	390	391	2556.9	44.1	18.1	33.3	80.2	7.8	1260.3	1.5	923.3	263.7	128.7	9.5	2.2	205.1	12	1919	4	26289	0.65	0.27	23.36%	4.43
DD018A	DD018A-442	391	392	3950.9	76.3	33	57	134	13.2	1988.8	2.5	1532.6	428.2	218.3	15.6	3.9	351.6	20	1621	2	25604	1.04	0.23	22.10%	4.31
DD018A	DD018A-443	392	393	5743	65.2	25.4	70.2	152.1	10.5	3095	2	2080.2	601.9	275.3	15.1	3.1	272.4	16	1392	2	31585	1.46	0.20	21.50%	5.32
DD018A	DD018A-444	393	394	3080.6	41.3	15	39.2	91.2	6.4	1709.9	1	1077.6	312.4	148.8	9.6	1.7	166.4	8.5	4289	12	19615	0.79	0.61	20.63%	3.30
DD018A	DD018A-445	394	395	2691.2	39.6	13.6	38.7	89.6	5.8	1437.2	0.9	1001.7	284.2	144.3	9.5	1.5	153.4	7	3179	9	18636	0.69	0.45	21.64%	3.14
DD018A	DD018A-446	395	396	2525.6	35.5	11.5	35.4	79.3	5.2	1400.2	0.8	933.6	262	130.8	8.6	1.3	138.7	6.1	2474	4	18446	0.65	0.35	21.36%	3.11
DD018A	DD018A-447	396	397	2011.4	44.9	15	35.5	84.5	7.1	935.7	0.9	850.7	225.6	129.8	9.6	1.7	181.2	7.3	271	7	17532	0.53	0.04	23.58%	2.95
DD018A	DD018A-448	397	398	2788.6	56.3	17.7	48.7	111.6	8.6																

Host_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	Sr ppm	TREO%	Nb2O5%	NdPr%	SrCO3%
DD018A	DD018A-495	438	439	1649.4	17.5	7.5	11.2	31.2	3.2	1172	0.8	408.3	138.9	49.5	3.7	1	83.3	6.6	430	24	5955	0.42	0.06	15.20%	1.00
DD018A	DD018A-496	439	440	1022.3	11.4	5.4	6.8	18.6	2.1	681.5	0.7	255	86.9	31.2	2.3	0.9	58.6	5.8	232	27	2977	0.26	0.03	15.54%	0.50
DD018A	DD018A-497	440	441	729.7	13.5	7.1	6.6	19.4	2.5	474.1	1.1	210	67	28.7	2.5	1.1	72.9	9	318	43	4358	0.19	0.05	16.74%	0.73
DD018A	DD018A-498	441	442	819.6	12.5	6	6.4	18.3	2.3	583.1	0.7	198.7	69.5	25	2.4	1	64.9	6.4	202	23	3497	0.21	0.03	14.68%	0.59
DD018A	DD018A-499	442	443	475.5	9.9	5.1	4.7	14.1	1.8	329.5	0.7	125.7	42.2	18.6	1.9	0.9	53.3	6	146	11	2964	0.13	0.02	15.31%	0.45
DD018A	DD018A-500	443	444	411.9	12.3	5.8	6	16.7	2.3	251.3	0.8	139.5	41	23	2.3	0.9	62.8	6.7	287	14	2645	0.12	0.04	18.23%	0.50
DD018A	DD018A-502	444	445	980.1	13.6	5.6	8.7	24.3	2.4	611.6	0.9	284.1	90.3	36.9	2.7	0.8	61.9	5.2	372	12	5197	0.25	0.05	17.50%	0.88
DD018A	DD018A-503	445	446	369.6	8.3	4	4.4	13.1	1.5	225.3	0.5	115.6	35.4	16.9	1.6	0.6	42.9	4.2	245	9	2982	0.10	0.04	17.78%	0.50
DD018A	DD018A-504	446	447	309.7	8.1	3.7	4.6	12.2	1.4	198	0.5	115.8	33.7	18.4	1.5	0.6	40.6	4.1	284	23	3170	0.08	0.04	20.84%	0.53
DD018A	DD018A-505	447	448	319.3	9.7	4.3	4.9	13.7	1.7	160.8	0.4	120.8	34.6	18.5	1.8	0.6	46	3.6	340	17	1875	0.09	0.05	20.84%	0.32
DD018A	DD018A-507	448	449	310.7	8	3.8	3.6	10.5	1.4	177.7	0.4	101.6	31.2	15.6	1.4	0.6	40.1	3.7	204	12	1081	0.08	0.03	18.57%	0.18
DD018A	DD018A-508	449	450	373.1	8.5	4.1	4.4	11.9	1.6	219.3	0.4	118.8	36.8	18.6	1.5	0.5	42	3.3	182	66	1544	0.10	0.03	18.31%	0.26
DD018A	DD018A-509	450	451	469.3	13	6.4	6.2	18.7	2.3	264.6	0.7	156	47.6	25.5	2.4	0.9	66.5	5.8	260	78	2963	0.13	0.04	18.62%	0.50
DD018A	DD018A-511	451	452	532.3	16.2	7.1	7.6	22.7	2.8	308.7	0.9	172.7	52.4	28.2	3	1.1	79	7.3	299	18	3330	0.15	0.04	18.00%	0.56
DD018A	DD018A-512	452	453	750.1	14.6	5.7	10.3	25.3	2.6	434.1	0.5	272.7	79.2	41	3.2	0.8	64.2	4.5	346	30	6260	0.20	0.05	20.46%	1.05
DD018A	DD018A-513	453	454	4088.1	23.1	5.4	23.9	58.2	3	2824.3	0.3	1004.8	353.8	104.5	6	0.6	66.4	3	637	50	15470	1.00	0.09	15.81%	2.61
DD018A	DD018A-514	454	455	5801.2	34.1	8.7	37.5	88.8	4.4	4039.9	0.5	1446.9	502	157.5	8.8	0.9	103.4	4.7	334	45	22600	1.43	0.05	15.87%	3.81
DD018A	DD018A-515	455	456	1032.6	16	6.3	10.7	28.3	2.7	606.4	0.5	311.5	95.9	44.5	3.5	1	67.1	4.7	316	30	1716	0.26	0.05	18.17%	0.29
DD018A	DD018A-516	456	457	747.2	15.6	7.3	9.3	26.5	3.1	424.4	0.7	249.7	75.1	37.9	3.1	1.1	76.2	5.7	358	17	4767	0.20	0.05	19.19%	0.80
DD018A	DD018A-517	457	458	1056.9	17	8	10.3	26.6	3.2	588.9	0.9	312.3	97.7	42.7	3.4	1.1	82.7	7.7	411	29	3185	0.27	0.06	18.05%	0.54
DD018A	DD018A-518	458	459	461.8	10.1	5.4	5.3	14.7	2.1	286.3	0.7	141.5	43.2	20.5	1.9	0.9	58.7	6.2	234	11	2318	0.12	0.03	17.32%	0.39
DD018A	DD018A-520	459	460	529.8	10.5	5.4	6	16.8	2	292.9	0.7	177.5	52	25.6	2	1	55.1	6.2	284	22	1940	0.14	0.04	19.25%	0.33
DD018A	DD018A-521	460	461	280.7	8.9	5.1	4	12.3	1.8	163.4	0.6	92.8	27.7	16.3	1.8	0.8	50.7	5.2	226	18	2728	0.08	0.03	17.79%	0.46
DD018A	DD018A-522	461	462	143.2	7.5	4	2.7	8.5	1.5	82.7	0.6	50.9	14.8	10.1	1.5	0.7	42.1	4.7	98	11	2868	0.04	0.01	17.31%	0.48
DD018A	DD018A-523	462	463	543.6	8.6	4.6	4.4	12.5	1.7	334.6	0.7	154.2	49.9	19.4	1.7	0.8	48.8	5.7	195	30	2467	0.14	0.03	17.04%	0.42
DD018A	DD018A-524	463	464	311.7	7.5	3.7	3.1	11	1.4	185.2	0.5	92.2	29.4	13.3	1.4	0.6	40.6	4.2	164	15	1660	0.08	0.02	17.11%	0.28
DD018A	DD018A-525	464	465	117.5	10.6	5.8	3.2	11.5	2	62	0.8	46.3	12.6	11.7	1.7	0.9	60.5	7.2	156	5	2676	0.04	0.02	16.38%	0.45
DD018A	DD018A-526	465	466	162.9	8.1	4.1	2.8	9.5	1.6	93.6	0.5	55.5	16.2	11.6	1.5	0.6	44.4	4.6	141	7	1934	0.05	0.02	17.00%	0.33
DD018A	DD018A-527	466	467	424.3	11.6	5.9	6.5	17.5	2.1	230	0.8	149.6	43.2	23.9	2.3	0.9	62.8	6.8	215	14	2406	0.12	0.03	19.37%	0.41
DD018A	DD018A-528	467	468	106.9	7.4	4.7	2.6	8.9	1.6	57	0.7	43.2	11.6	9.3	1.4	0.8	47.1	6	97	5	2120	0.04	0.01	17.49%	0.36
DD018A	DD018A-529	468	469	101.9	7.5	4.4	2.9	8.9	1.6	50.5	0.7	46.8	12	10.1	1.4	0.7	44.2	5.9	141	5	2543	0.04	0.02	19.39%	0.43
DD018A	DD018A-530	469	470	253.7	13.9	8.5	5.1	16.5	2.9	138.4	1.4	92.8	26.2	19.2	2.3	1.5	84.8	11.9	186	14	2934	0.08	0.03	17.33%	0.49
DD018A	DD018A-531	470	471	63.2	5.4	2.7	1.9	6.2	1	36.4	0.3	23.5	6.6	5.7	1	0	30.1	3	77	2	3026	0.02	0.01	15.87%	0.51
DD018A	DD018A-533	471	472	90.9	11	5.2	4.3	13.8	2.1	48.2	0.6	37.1	10	11.5	2.1	0.8	54.7	5.4	125	4	2717	0.04	0.02	15.58%	0.46
DD018A	DD018A-534	472	473	105.3	7.6	3.9	2.7	8.9	1.5	53.1	0.5	39	10.9	8.9	1.4	0.6	40.3	4.6	113	5	2700	0.03	0.02	17.05%	0.45
DD018A	DD018A-535	473	474	171.2	9.3	5.1	3.4	11.1	1.8	94.5	0.6	64.4	17.7	12	1.6	0.7	50.3	5.6	163	23	2483	0.05	0.02	18.08%	0.42
DD018A	DD018A-536	474	475	155.1	9.1	4.9	3	10.2	1.8	90.1	0.6	51.3	15.2	10.5	1.7	0.8	51.4	5.4	122	8	2627	0.05	0.02	15.99%	0.44
DD018A	DD018A-537	475	476	36.8	6.5	3.5	1.9	7	1.3	16.2	0.4	22.8	5.2	6.2	1.2	0	34.4	3.5	79	5	2123	0.02	0.01	18.71%	0.36
DD018A	DD018A-538	476	477	105.3	6.3	2.8	2.9	8.4	1.1	55.2	0.4	40.8	11.6	9.4	1.2	0	31.2	3	112	3	2457	0.03	0.02	18.55%	0.41
DD018A	DD018A-539	477	478	164.8	6.6	3.3	3.5	10	1.3	86.9	0.4	63.4	17.4	11.2	1.3	0	35.4	3.2	126	6	2701	0.05	0.02	19.60%	0.46
DD018A	DD018A-540	478	479	557.3	11.9	6	8.3	21.3	2.2	306.1	1	200	55.5	32	2.5	1	60.9	8.6	314	7	3433	0.15	0.04	19.93%	0.59
DD018A	DD018A-542	479	480	152.9	6.7	3.6	2.8	8.9	1.3	81.5	0.5	61.4	16.5	10.3	1.2	0.6	38	4	200	6	3252	0.05	0.03	19.76%	0.55
DD018A	DD018A-543	480	481	176.7	8	4.4	3.3	10.1	1.6	92.8	0.6	67	18.5	11.8	1.4	0.7	44.9	5.1	111	18	3142	0.05	0.02	18.95%	0.53
DD018A	DD018A-544	481	482	118.4	7.2	4.2	2.1	7.7	1.4	65.2	0.6	41	12.2	8	1.2	0.6	40.5	4.9	105	4	4056	0.04	0.02	16.68%	0.68
DD018A	DD018A-545	482	483	1040.4	13.9	6.6	9.5	23.8	2.5	574.2	0.8	283.6	94.7	37.1	2.9	1	65.2	6.5	215	37	6047	0.25	0.03	17.41%	1.02
DD018A	DD018A-547	483	484	252.2	10.8	6.3	4.1	12.7	2.3	137.8	0.8	90.1	25.3	16.8	1.8	1.1	61.8	7	241	6	5075	0.07	0.03	18.12%	0.86
DD018A	DD018A-548	484	485	189.9	9	5.7	3.2	9.8	2	105.9	0.6	66.5	19.3	10.9	1.4	0.9	53.2	5.3	222	7	2607	0.06	0.03	17.56%	0.44
DD018A	DD018A-549	485	486	121	13.8	8	3.5	12.6	2.9	57.9	0.9	55.3	14.2	11.4	2	1.4	78.8	7.9	169	6	2338	0.05	0.02	17.45%	0.39
DD018A	DD018A-551	486	487	853.3	64.4	36.2	18.8	57.1	13.7	376	3	367.6	95.7	64.1	9.8	4.9	358	26.2	774	6	5681	0.28	0.11	19.46%	0.96
DD018A	DD018A-552	487	488	916.7	22.5	8.5	14.6	36.3	3.9	428	0.7	331.7	94.4	53.5	4.8	1.1	96.3	6.3	462	56	3897	0.24	0.07	20.98%	0.66
DD018A	DD018A-553	488	489	851.8	40.7	14.4	19.3	55.4	6.5	373.4	1.1	367.5	96.5	65.8	7.7	1.7	162.3	9.6	555	19	6246	0.24	0.08	22.20%	1.05
DD018A	DD018A-554	489	490	1314.9	22.9	9.8	17.1	43.2	4	584.6	0.9	505.4	140.4	70.2	5.1	1.4	101.7	8.2	487	20	4926	0.			

Host_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	Sr ppm	TREO%	Nb2O5%	NdPr%	SrCO3%
DD018A	DD018A-598	528	529	831.3	36.2	15.6	16.9	44.2	6.3	402	1.2	355.6	94	58.4	6.5	1.8	170.5	10.5	262	1	13758	0.24	0.04	21.74%	2.32
DD018A	DD018A-600	529	530	1449.2	40.2	14.2	24.7	59.5	6.4	694.6	1	601.8	163.4	92.5	8	1.6	167.5	8.6	575	2	15123	0.39	0.08	22.82%	2.55
DD018A	DD018A-601	530	531	1555.7	46.7	17.4	27.3	67.1	7.5	777.9	1.2	645.7	175.2	102	8.7	2	199.8	10.1	278	9	18150	0.43	0.04	22.39%	3.06
DD018A	DD018A-602	531	532	790.3	34.1	12.4	17	43.9	5.6	379.1	0.9	354.9	92	58	6.2	1.4	141	7.7	327	<1	13369	0.23	0.05	22.81%	2.25
DD018A	DD018A-603	532	533	1227.3	45.9	14.7	27.7	69.5	7.1	571.2	0.8	559.6	141.3	94.5	9.2	1.6	180.5	7.2	719	6	14702	0.35	0.10	23.54%	2.48
DD018A	DD018A-604	533	534	1050.7	12.7	3.2	13.5	29.9	1.5	623.3	0.2	362.6	105.5	53.6	3.1	0	41.4	1.9	496	74	8013	0.27	0.07	20.25%	1.35
DD018A	DD018A-605	534	535	456.6	18.3	8.1	8.3	23	3.2	251.9	0.6	178.8	49.4	29	3.3	1	88.3	5.6	490	89	9960	0.13	0.07	20.11%	0.50
DD018A	DD018A-606	535	536	1736.9	27.6	11.2	21.3	48.5	4.6	854.5	0.8	676.6	193.3	89.2	5.3	1.3	124	6.9	260	26	9339	0.45	0.04	22.77%	1.57
DD018A	DD018A-607	536	537	800.4	7	2	9.6	19.5	0.8	413.7	0.2	311.1	89.5	42.8	1.7	0	24.6	1.4	493	81	2233	0.20	0.07	23.15%	0.38
DD018A	DD018A-608	537	538	388.1	5.1	2	5.1	11.1	0.7	198.9	0.2	158.2	44	21.6	1	0	21.3	1.6	523	201	2001	0.10	0.07	23.44%	0.34
DD018A	DD018A-609	538	539	369.5	3.2	1.3	4	9	0.5	225.3	0.1	131.2	38.4	16.9	0.7	0	15.6	1.1	630	206	3076	0.10	0.09	20.68%	0.52
DD018A	DD018A-610	539	540	528	4.9	2	6.4	13.4	0.7	315.9	0.2	185.6	54.3	25.7	1.2	0	21.7	1.7	575	346	3712	0.14	0.08	20.57%	0.63
DD018A	DD018A-611	540	541	302.2	9.5	4	5.2	13.2	1.6	182.3	0.4	107.3	30.6	17.2	1.7	0.6	44.2	3.7	915	33	1925	0.09	0.13	18.92%	0.32
DD018A	DD018A-613	541	542	2195.6	19.8	5.3	27.2	56.3	2.5	1189.8	0.3	575	224.8	109	5	0.5	66	2.8	726	51	8168	0.55	0.10	20.95%	1.38
DD018A	DD018A-614	542	543	2430.8	46.1	15.5	31.9	78.2	7.2	1419	1.2	787.6	241.6	115.5	9.5	1.9	184.8	10.6	602	28	16898	0.63	0.09	19.03%	2.85
DD018A	DD018A-615	543	544	1387.5	34.7	13.4	18.3	47.5	5.9	796.9	1.1	441.9	135.6	68.1	6.4	1.7	156.5	9.8	349	12	9997	0.37	0.05	18.36%	1.68
DD018A	DD018A-616	544	545	998	21.9	6.8	12.1	29.9	3.3	626.2	0.3	309.5	93.7	45.7	4	0.6	86.7	2.7	132	73	1946	0.26	0.02	17.89%	0.33
DD018A	DD018A-617	545	546	605.3	11	3.6	7.3	17.1	1.7	376.8	0.2	204.4	58.8	26.8	2.1	0	44	1.6	181	87	1547	0.16	0.03	19.07%	0.26
DD018A	DD018A-618	546	547	197.8	24	8.5	20.6	48.5	3.7	1027.7	0.5	658.6	205.2	87.4	5.2	0.8	99.4	4	434	54	5940	0.49	0.06	20.62%	1.00
DD018A	DD018A-619	547	548	466.6	11.3	4	6.5	17.7	1.8	227.2	0.3	175.9	50.9	27.9	2.4	0	46.8	2.4	303	10	3919	0.12	0.04	21.65%	0.66
DD018A	DD018A-620	548	549	531.1	9	3.5	6.1	16.2	1.4	278.6	0.3	189.2	57.4	26.1	1.9	0	39.7	2.3	403	13	1995	0.14	0.06	21.10%	0.34
DD018A	DD018A-622	549	550	721.3	7.9	2.8	6.7	16	1.2	355	0.2	250.9	78	29.4	1.7	0	33.7	2.1	452	75	5253	0.18	0.06	21.74%	0.89
DD018A	DD018A-623	550	551	1003.1	14.6	5.4	13.8	31.3	2.3	462.5	0.4	401.6	113.2	56.2	3.3	0.7	60.9	3.6	713	16	6793	0.25	0.10	23.59%	1.14
DD018A	DD018A-624	551	552	1594.7	14.1	4.3	17.1	37.8	2	731.4	0.3	533.3	164.3	69	3.5	0.5	49.7	2.8	305	28	10342	0.38	0.04	21.56%	1.74
DD018A	DD018A-625	552	553	490	4.4	1.7	5.2	11.5	0.7	255.7	0.2	170.6	52.7	20.8	1.2	0	17	1.6	637	87	3776	0.12	0.09	21.53%	0.64
DD018A	DD018A-627	553	554	1198.2	9.6	3.3	8.9	21.4	1.4	751	0.2	340.4	112.3	37.9	2.1	0	36.6	2	1990	196	7452	0.30	0.28	17.86%	1.26
DD018A	DD018A-628	554	555	2044.1	18.3	5.2	17.2	41.6	2.7	1147.6	0.3	635.7	203.1	75.8	4.3	0.6	65.4	2.7	1545	96	7889	0.50	0.22	19.60%	1.33
DD018A	DD018A-629	555	556	1177.8	14.1	4.8	13.5	31.2	2.2	618.7	0.3	404.1	123.8	54.6	3.4	0.5	55.8	2.7	855	404	1583	0.29	0.12	20.97%	0.27
DD018A	DD018A-631	556	557	1229.2	10.4	3.4	11.2	24.8	1.5	717.7	0.2	385.1	122	48	2.6	0	37.6	2.1	2522	113	7473	0.30	0.36	19.46%	1.26
DD018A	DD018A-632	557	558	2931.9	14.2	3.6	24.7	50.4	1.8	1180.2	0.2	1049.5	335.3	111.1	4.4	0	44.2	1.8	197	384	20468	0.67	0.03	24.00%	3.45
DD018A	DD018A-633	558	559	1427.8	15.2	4	16.8	36.6	2	785.7	0.3	496.4	148.1	65.2	3.7	0.5	50.5	2.5	548	96	9115	0.36	0.08	21.02%	1.54
DD018A	DD018A-634	559	560	544.1	15.5	9.1	8	20.4	3	267.2	1.3	212.6	61.8	30.8	2.8	1.6	88	11.1	322	22	4125	0.15	0.05	21.33%	0.70
DD018A	DD018A-635	560	561	343	14.4	8.5	6.8	17.1	2.8	182.9	1.5	143.1	39.3	22.1	2.4	1.6	80.5	12.6	213	2	3194	0.10	0.03	20.58%	0.54
DD018A	DD018A-636	561	562	429.4	8.6	3.7	7.4	16.9	1.4	228.3	0.7	176.3	49.5	27.2	1.9	0.7	37.1	6.4	419	3	1896	0.12	0.06	22.57%	0.32
DD018A	DD018A-637	562	563	398.2	9.1	3.7	8	18.9	1.3	201.9	0.8	170.9	45.9	30.3	2.1	0.8	37.7	7.1	517	7	4651	0.11	0.07	23.03%	0.78
DD018A	DD018A-638	563	564	470.8	7.3	3.1	7.8	17.1	1.1	252.4	0.6	190.1	53.4	28.1	1.6	0.6	31	5	530	2	2238	0.13	0.08	22.66%	0.38
DD018A	DD018A-640	564	565	503.4	11.7	4.3	8.2	21.3	1.8	278.6	0.6	202.1	55.1	31.8	2.5	0.6	48.1	5.1	396	1	3071	0.14	0.06	21.77%	0.52
DD018A	DD018A-641	565	566	394.1	6.8	2.9	6.4	14.7	1.1	206.9	0.6	162.4	45.7	25.3	1.6	0.7	27.6	5.1	473	4	1801	0.11	0.07	22.97%	0.30
DD018A	DD018A-642	566	567	549.4	10.1	3.9	7.4	17.5	1.7	259	0.4	217.2	62.5	30.2	2.2	0.5	42.5	3.7	581	97	4000	0.14	0.08	23.04%	0.67
DD018A	DD018A-643	567	568	367.8	22	11.6	6.6	18.1	4	207.9	1.4	142	40.5	22	3.3	1.8	109.1	12	489	4	3091	0.11	0.07	18.62%	0.52
DD018A	DD018A-644	568	569	1934.7	12.2	3.1	19.2	38.1	1.6	823.1	0.2	669.8	210.7	82.1	3.5	0	39.2	2	337	62	12907	0.45	0.05	22.86%	2.17
DD018A	DD018A-645	569	570	2116.1	15.5	4.7	20	45.7	2.2	990	0.3	705.7	221.4	83.8	4.2	0.6	54.5	2.4	822	59	13748	0.50	0.12	21.65%	2.32
DD018A	DD018A-646	570	571	2543.6	19.1	4.8	23.3	50.5	2.7	1142.4	0.3	824.9	265.1	97.9	4.9	0.6	60.5	3	377	205	12527	0.59	0.05	21.54%	2.11
DD018A	DD018A-647	571	572	3331.4	49.8	15.2	42.2	98	7.4	1931.1	0.9	1145.3	343.7	158.7	11.4	1.7	183.2	7.5	2152	64	19504	0.86	0.31	20.23%	3.29
DD018A	DD018A-648	572	573	3584.9	40.4	12	36	84.6	5.7	2168.6	0.8	1144.6	357.3	145.2	9.2	1.4	138.6	7.2	1852	85	23146	0.91	0.27	19.34%	3.90
DD018A	DD018A-649	573	574	4358.1	33.6	12.2	25.8	62	5.4	3304.6	1	1058.9	375.3	104.5	6.9	1.6	138.9	8.4	2595	212	20715	1.11	0.37	15.04%	3.49
DD018A	DD018A-650	574	575	347.8	4.2	1.7	3.8	10.2	0.7	188.4	0.3	126.7	38.6	18	0.9	0	18.9	2.2	384	5	2027	0.09	0.05	21.56%	0.34
DD018A	DD018A-651	575	576	978	8.7	3.5	10.1	22.6	1.4	570.4	0.3	312.5	97.3	42	2.2	0	35.5	2.7	503	6	5138	0.24	0.07	19.56%	0.77
DD018A	DD018A-653	576	577	447.3	4.1	1.4	4.7	11.2	0.7	244.6	0.1	165.9	49.8	22.3	1.1	0	16.4	1.3	300	3	4598	0.11	0.04	22.14%	0.77
DD018A	DD018A-654	577	578	324.3	6.6	2.9	3.5	9.6	1.1	175.5	0.2	118	36.1	16.8	1.2	0	29.3	2.1	326	4	2260	0.09	0.05	21.08%	0.38
DD018A	DD018A-655	578	579	144.1	8.8	4.7	3.2	10.4	1.7	71.6	0.5	61	17.1	12.6	1.6	0.7	48.6	4.4	189	3	2181	0.05	0.03	19.75%	0.37
DD018A	DD018A-656	579	580																						

Drill Collar DD003A (Dominant Mineralisation highlighted **REE** Nb and bold text used for quoted layers)

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	Sr ppm	TREO%	Nb2O5%	NdPr%	ScO3%
DD003A	DD003A-001	0	3	1409.7	26.2	12.2	16.2	39.2	4.9	808.9	1.2	475.6	145.6	61.3	5.1	1.7	131.7	8.9	717	43	7460	0.37	0.10	19.62%	1.26
DD003A	DD003A-002	3	6	1165.3	23.5	9.5	14.4	37.3	4	710.8	0.7	381.7	116.2	51.9	4.7	1.1	104.7	5.4	451	18	7153	0.31	0.06	18.82%	1.21
DD003A	DD003A-003	6	7	1381.4	29.7	9.9	18.6	49.4	4.6	873.6	0.8	446.1	133.7	63.7	6.2	1.1	113.5	5.8	532	16	4733	0.37	0.08	18.38%	0.80
DD003A	DD003A-004	7	11	1495.3	27	7.8	17.3	46.6	3.9	948.2	0.6	448.5	141.1	60	5.9	0.9	92.6	4.6	399	13	3916	0.39	0.06	17.78%	0.66
DD003A	DD003A-005	11	12	1756.4	29.5	9	19.4	49.5	4.4	1133.9	0.7	517	165.1	69.1	6.4	1	106.1	5.3	505	12	5543	0.45	0.07	17.53%	0.93
DD003A	DD003A-006	12	13	2794.7	34	9	25	63.6	4.7	2023.7	0.7	739.1	249.4	94.7	8	1	110.4	5.3	566	55	6970	0.72	0.08	15.97%	1.17
DD003A	DD003A-007	13	14	2333.3	27.1	7.3	20.1	53.1	3.8	1620.9	0.6	620.2	208.5	75	6.4	0.9	88.7	4.3	384	42	5791	0.59	0.05	16.28%	0.98
DD003A	DD003A-008	14	15	2591.9	26.4	6.2	22.1	54.9	3.3	1847.5	0.4	691.2	234.6	83.4	6.6	0.6	74.7	3.3	418	20	7285	0.66	0.06	16.33%	1.23
DD003A	DD003A-009	15	16	2045.1	25.2	7.1	21.6	50.8	3.7	1390.1	0.6	593	189.7	76	5.9	0.8	83.9	4.5	437	89	8638	0.53	0.06	17.33%	1.46
DD003A	DD003A-010	16	17	2611.6	34.4	9.6	28.3	69.3	4.8	1721.9	0.7	797.6	249.7	103.5	8.2	1.1	114.5	5.5	733	126	16162	0.68	0.10	18.11%	2.72
DD003A	DD003A-011	17	18	1881	26.6	9.2	15.4	40.8	4.4	1267.7	0.7	503	167.9	60.7	5.6	1.2	110.6	5.7	316	80	8605	0.48	0.05	16.28%	1.45
DD003A	DD003A-013	18	19	1389.1	20.4	6.4	14.8	36.2	3	892.7	0.6	422.3	131.4	58.4	4.4	0.8	75.1	4.8	506	90	10670	0.36	0.07	18.01%	1.80
DD003A	DD003A-014	19	20	2037.1	28.3	9.7	20.4	49.2	4.8	1299.3	0.8	617.8	195.8	78.5	6.1	1.2	113.5	6.3	590	141	14290	0.52	0.08	18.12%	2.41
DD003A	DD003A-015	20	21	776.2	45.4	26	11.9	35.5	10.3	493.7	1.8	263.6	79.8	38.7	6.7	3.1	252.6	13.6	319	16	9942	0.24	0.05	16.49%	0.83
DD003A	DD003A-016	21	22	1383.2	24.7	8.9	13.8	35.3	4.1	914.8	0.8	408.9	130.4	50.1	4.5	1.2	102.7	5.9	391	71	9836	0.36	0.06	17.37%	1.66
DD003A	DD003A-017	22	23	2077.5	29.6	10.6	16.9	44.9	5	1481.2	0.8	557.6	182.7	65.8	5.8	1.2	124.3	6.5	338	144	8197	0.54	0.05	15.98%	1.38
DD003A	DD003A-018	23	24	2030.5	24.5	7.7	17.9	45.2	3.8	1390.4	0.6	576.1	187.4	71.3	5.6	0.9	91.9	4.4	523	101	8625	0.52	0.07	17.21%	1.45
DD003A	DD003A-019	24	25	1083.3	23.4	7.1	10.9	31.4	3.6	758.8	0.7	282.9	93.8	36.9	4.6	0.9	93.9	5.1	271	67	12116	0.29	0.04	15.38%	2.04
DD003A	DD003A-020	25	26	1628	16.8	4.7	13.6	33.2	2.4	1078.7	0.4	460.7	149.5	54.3	4	0	60.8	3.3	434	84	4748	0.41	0.06	17.31%	0.80
DD003A	DD003A-022	26	27	969.7	15.1	4.2	9.5	25	2.1	645	0.3	275.6	91	33.6	3.1	0	53.1	2.3	346	53	4125	0.25	0.06	17.14%	0.70
DD003A	DD003A-023	27	28	1728	26	8.2	17.6	44	3.9	1090.9	0.6	505.6	160.6	63.3	5.4	0.9	99	4.5	1059	29	5470	0.44	0.15	17.64%	0.92
DD003A	DD003A-024	28	29	1300.6	38.7	14	21	55	6.5	725.6	1.1	473.4	135.8	69.6	7.3	1.6	164.5	8.5	1130	30	6523	0.36	0.16	20.02%	1.10
DD003A	DD003A-025	29	30	1268.9	30.4	9.9	18.7	46.5	4.9	706.6	0.7	453.7	133.9	67.5	6	1.3	121.7	5.7	1010	42	4532	0.34	0.14	20.32%	0.76
DD003A	DD003A-027	30	31	1291.3	21.7	7	17.1	42	3.2	736.1	0.6	489.5	135.5	84	4.9	0.8	85.8	4.6	1100	31	7314	0.34	0.16	20.88%	1.23
DD003A	DD003A-028	31	32	1133.3	11.9	3.1	12	28.4	1.6	673	0.3	381	113.1	48.4	3.1	0	39.4	2.3	547	79	4623	0.29	0.08	20.09%	0.78
DD003A	DD003A-029	32	33	1092.7	14.2	4.2	12.5	29.8	2.1	651.7	0.4	348.7	108.4	48	3.4	0.6	48.8	3.4	472	77	4662	0.28	0.07	19.22%	0.77
DD003A	DD003A-031	33	34	863.7	15.3	4.6	10.7	26.9	2.1	511.4	0.5	289	86.6	39.2	3.4	0.6	53.9	3.6	335	35	4154	0.22	0.05	19.56%	0.70
DD003A	DD003A-032	34	35	925.2	13.5	3.9	11.5	27	1.9	543.6	0.4	309.1	92.7	42.6	3.2	0	45.1	2.9	284	25	3868	0.24	0.04	19.78%	0.65
DD003A	DD003A-033	35	36	896.7	12.1	4	10.9	26.4	1.8	536.3	0.4	297.3	90.1	42.2	2.8	0.5	42.9	3.3	347	27	3905	0.23	0.05	19.61%	0.66
DD003A	DD003A-034	36	37	1089.9	19.8	5.9	13.6	34.3	2.8	648.9	0.5	373.9	110	55	4	0.8	71.5	4.2	471	40	3692	0.29	0.07	19.78%	0.62
DD003A	DD003A-035	37	38	1347.3	40.7	13.2	19.2	52.4	6.4	815.1	1	449.6	134.7	60.7	7.7	1.6	166.2	7.9	473	93	9739	0.37	0.07	18.59%	1.64
DD003A	DD003A-036	38	39	1422.5	32.1	12.4	18	47.4	5.5	881.1	1	468.7	141.9	64.1	6.3	1.5	139.1	7.6	449	144	9950	0.38	0.06	18.69%	1.68
DD003A	DD003A-037	39	40	1519.1	36.1	13.6	21.5	52.6	5.8	905.5	1	502.6	149.2	72	6.9	1.6	153.9	8	446	81	16401	0.40	0.06	18.79%	2.76
DD003A	DD003A-038	40	41	1633.6	38.6	12.7	18.2	51.2	6.3	1020.1	0.9	498.1	156.9	65	7.3	1.4	160.1	7.3	513	114	8455	0.43	0.07	17.71%	1.42
DD003A	DD003A-040	41	42	2034	52.6	20.2	27.1	71.5	9	1234.9	1.6	670	200.9	91.9	10	2.4	227.9	12.6	630	126	7128	0.55	0.09	18.55%	1.20
DD003A	DD003A-041	42	43	5471.9	46.2	13.2	38.9	92.9	7	3937.2	0.9	1364.8	484	147.4	11.1	1.5	165.4	6.9	538	100	20810	1.38	0.08	15.62%	3.51
DD003A	DD003A-042	43	44	3759.3	24.7	6.6	24.6	54.5	3.4	2699.6	0.4	932.8	327	101.1	5.8	0.7	78.7	2.8	1416	189	7468	0.94	0.20	15.65%	1.26
DD003A	DD003A-043	44	45	855.4	19.9	6.2	12.1	29.3	3.2	510.6	0.4	285.2	85.7	42	4	0.6	74.1	2.7	593	246	6492	0.23	0.08	19.10%	1.09
DD003A	DD003A-044	45	46	2136.7	43.9	13.9	27.8	72.3	7	1316.6	1	702.8	210.9	99	9.4	1.7	166.8	8	330	38	10044	0.57	0.05	18.87%	1.69
DD003A	DD003A-045	46	47	1008.6	27.9	10.3	16.5	40.9	5.1	612.9	0.5	340.4	102	55.9	5.4	0.9	123.8	3.7	509	95	6795	0.28	0.07	18.67%	1.14
DD003A	DD003A-046	47	48	1342.3	26.8	7.1	23	56.7	3.9	837.6	0.3	448.7	132.9	78.4	6.2	0.6	86.2	2.5	266	134	8883	0.36	0.04	18.96%	1.50
DD003A	DD003A-047	48	49	5003.6	150.2	33	146.5	349.9	19.5	3258.5	1.2	2053.3	534.9	467.7	37.2	2.8	433.1	9.1	78	10	34819	1.47	0.01	20.60%	5.87
DD003A	DD003A-048	49.3	50	2327.2	59.8	13.9	36.8	100.5	8.2	1961.8	0.7	703.3	217.5	116.4	12.9	1.3	189	5.2	374	86	9288	0.63	0.05	17.11%	1.56
DD003A	DD003A-049	50	51	1997.8	50	13	31.3	83.4	7.1	1380.3	0.6	568	179	93	10.9	1.2	167.3	4.8	707	54	11398	0.54	0.10	16.20%	1.92
DD003A	DD003A-050	51	52	2248.4	64.4	18.5	33.9	91.4	10	1484.3	0.8	684.3	209.9	109.7	12.7	1.5	230.3	6.3	971	38	16047	0.61	0.14	17.08%	2.70
DD003A	DD003A-051	52	53	1786.3	41.4	10.4	28.1	72.4	5.9	1081.7	0.5	601.3	177.4	95.2	8.9	1	134.1	4.1	844	35	6621	0.47	0.12	19.14%	1.12
DD003A	DD003A-053	53	54	699.3	17.7	4.6	12.4	31.5	2.6	386.2	0.3	266.6	74.7	40.9	3.7	0.6	59.3	2.6	825	39	6262	0.19	0.12	21.19%	0.73
DD003A	DD003A-054	54	55	622.3	8.1	2.3	7.5	17.6	1.2	346	0.2	218.8	64.9	30.1	1.9	0	27.7	1.6	747	177	3859	0.16	0.11	20.93%	0.65
DD003A	DD003A-055	55	56	681.9	10.1	3.1	9.3	21.4	1.4	362.7	0.3	251.7	72.6	35.8	2.4	0	36.6	2.7	945	27	2741	0.17	0.14	21.65%	0.46
DD003A	DD003A-056	56	57	840.8	10.2	2.7	10.8	24.1	1.3	420.3	0.3	320.6	91.8	42.2	2.4	0	32	2.2	1303	71	3223	0.21	0.19	22.81%	0.54
DD003A	DD003A-057	57	58	506.5	7.3	2.7	6.9	15.9	1.2	289.2	0.2	173.2	53.4	27	1.8	0	27.6	2.6	13						

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	Sr ppm	TREO%	Nb2O5%	NdPr%	SrcO3 %	
DD003A-099	95	96	458.1	12.2	5.5	8.6	19	2.3	237.4	0.5	190.6	52.5	30	2.4	0.7	59.5	3.8	620	34	5954	0.13	0.09	22.30%	0.99	
DD003A-100	96	97	312.8	19.1	6.9	8.5	23.2	3.3	155.3	0.6	133.9	35.4	25.9	3.4	0.8	81.9	4.7	696	13	4748	0.10	0.10	20.56%	0.80	
DD003A-102	97	98	277	14.6	6	7.8	18.9	2.4	130.5	0.7	133.6	34	24.6	2.6	0.8	64	5.2	249	3	16318	0.09	0.04	23.00%	2.75	
DD003A-103	98	99	335.9	7.4	3.2	4.8	10.5	1.3	185.1	0.3	127.7	36.5	16.9	1.5	0	32.4	2.6	486	8	4014	0.09	0.07	21.32%	0.68	
DD003A-104	99	100	641.7	8.1	2.9	8.1	18.8	1.2	345.7	0.3	240.9	68.4	30.9	2	0	30.9	2.1	578	8	2857	0.16	0.08	21.97%	0.48	
DD003A-105	100	101	1152.6	26.9	11.1	20.2	47	4.6	536.1	0.9	503.5	131.8	76.2	5.5	1.5	120.5	7.1	784	10	6035	0.31	0.11	23.88%	1.02	
DD003A-107	101	102	950.3	21.6	8.2	15.5	34.8	3.6	479.4	1	402.5	107.5	58.9	4.2	1.3	95	7.9	785	6	6107	0.26	0.11	23.14%	1.03	
DD003A-108	102	103	1068.8	35.3	14.1	19.8	53.3	6	526	1.1	478	124.7	74.7	6.8	1.6	150.2	8.8	1711	11	5159	0.30	0.24	23.41%	0.87	
DD003A-109	103	104	2020.7	72.9	31.2	42.6	106.6	12.8	878.4	2.7	948.4	244.4	155.4	13.6	4.2	336.4	20.9	15356	7	17628	0.57	2.20	24.21%	2.97	
DD003A-111	104	105	2180.9	74.3	33.5	41.6	105.7	14.1	951.2	2.5	993.7	259.1	147.6	13.9	4.2	353.4	19.5	7965	4	19386	0.61	1.14	23.94%	3.27	
DD003A-112	105	106	2397.6	90.4	43.7	46.9	121	17.6	1070.1	3.2	1118.1	290.4	165.4	16	5.4	451.6	25	8913	3	21414	0.69	1.28	23.84%	3.61	
DD003A-113	106	107	2024.6	34.3	15.9	26.6	60.2	6.2	896.8	1.3	884.9	235.4	112.3	7.2	2	165.1	10	668	1	18533	0.53	0.10	24.87%	3.12	
DD003A-114	107	108	1963.8	36.2	17.3	25.4	59.3	7	855.8	1.3	819.8	229	104.1	7.3	2.2	183.6	9.8	4213	8	21382	0.51	0.60	24.14%	3.60	
DD003A-115	108	109	2228.6	48.5	22.2	33.3	77.9	9.1	966.4	1.8	928.6	255.2	127	9.3	2.8	238.5	13.7	3561	18	25334	0.58	0.51	23.62%	4.27	
DD003A-116	109	110	777.2	16.2	6.2	13.2	30.1	2.7	372.1	0.6	320.5	88.3	43.7	3.6	0.8	65.3	4.8	4876	5	6546	0.20	0.70	23.31%	1.10	
DD003A-117	110	111	1118.1	13.4	5	13.8	30.3	2.1	492.3	0.5	449.1	125.6	55.5	2.9	0.7	48.8	3.9	4486	5	15496	0.28	0.64	24.24%	2.61	
DD003A-118	111	112	823.2	8.5	2.9	11.4	23.6	1.3	375.2	0.3	355.3	95.1	46	2.3	0	28.1	2.5	5500	7	11731	0.21	0.79	25.28%	1.98	
DD003A-120	112	113	698.5	8.5	2.6	8.6	19.6	1.2	368.4	0.2	266.6	77.3	33.8	2.1	0	29.5	1.9	926	84	4567	0.18	0.13	22.56%	0.77	
DD003A-121	113	114	190	4.7	1.8	2.9	7.4	0.7	108.8	0.2	67.1	20	9.1	1	0	19.1	1.8	544	10	2436	0.05	0.08	19.93%	0.41	
DD003A-122	114	115	505.4	5.8	2.2	5.5	13.7	0.9	287.1	0.2	176.1	51.8	22	1.4	0	22.1	1.9	566	35	2978	0.13	0.08	20.71%	0.50	
DD003A-123	115	116	325.2	6	2.2	4.6	11.5	0.9	178	0.3	115.2	33.1	16.3	1.5	0	24.6	2.1	465	10	2998	0.08	0.07	20.45%	0.51	
DD003A-124	116	117	382.3	6.9	2.4	6.4	14.9	1.1	196.6	0.3	160.2	43.1	23.5	1.6	0	27	2.6	405	11	2494	0.10	0.06	23.29%	0.42	
DD003A-125	117	118	340	12.4	5.2	7.8	21	1.9	179.6	0.5	145.2	38.2	26.4	2.6	0.7	54.6	3.9	375	6	2813	0.10	0.05	21.68%	0.47	
DD003A-126	118	119	665.9	12.8	5.2	9	21.5	2.2	376.9	0.5	240.7	70.4	33.4	2.8	0.7	56.6	3.7	589	5	4177	0.18	0.08	20.60%	0.70	
DD003A-127	119	120	301.5	5.4	2.1	3.7	9.6	1	166.2	0.3	109.9	31.8	14.2	1.1	0	22.7	2.3	397	27	4001	0.08	0.06	20.87%	0.67	
DD003A-128	120	121	275.6	10.6	4.5	6.8	17.1	1.7	141	0.6	118.4	31.5	21.1	2.1	0.7	48.3	4.4	766	16	5167	0.08	0.11	21.86%	0.87	
DD003A-129	121	122	568.9	17.2	5.6	13.4	32.2	2.8	263	0.5	269.1	67.8	45.8	3.9	0.7	68	3.6	2055	25	7961	0.16	0.29	24.59%	1.34	
DD003A-130	122	123	806.9	16.5	5.8	12.9	31.2	2.6	361.8	0.5	350.9	94.8	50.1	3.7	0.7	67.7	3.6	4632	5	16442	0.21	0.66	24.51%	2.77	
DD003A-131	123	124	1179.1	35.5	12.3	24.7	59.2	5.7	520.6	1	542.6	138.5	86	7.5	1.6	141.3	7.8	2718	2	17649	0.32	0.39	24.51%	2.97	
DD003A-133	124	125	1533.5	43.2	16.1	28	69.3	7.1	677.1	1.4	690.6	179.4	104.2	8.7	2	183	10.5	3593	1	22474	0.42	0.51	24.34%	3.79	
DD003A-134	125	126	724.3	29	11.4	15	38.5	5.1	328.4	1	329.5	86.2	53	5.3	1.6	126.1	8	3359	9	11086	0.21	0.48	23.42%	1.87	
DD003A-135	126	127	959	26.2	9.4	16.7	40.8	4.3	440.9	0.8	438.1	113.5	61.1	5.6	1.1	111.3	6.1	1469	8	19301	0.26	0.21	24.54%	2.20	
DD003A-136	127	128	866	18.4	5.4	12.9	30.8	2.9	415.8	0.4	356.9	97.6	49.8	4	0.6	68.9	2.8	801	53	7939	0.23	0.11	23.46%	1.34	
DD003A-137	128	129	410.6	12	3.8	7.1	19.4	1.9	215.1	0.2	188.9	49.6	29.8	2.5	0	45.1	1.8	680	16	4125	0.12	0.10	24.01%	0.70	
DD003A-138	129	130	579.2	16.2	4.8	11.2	27.7	2.6	308.2	0.2	271.2	72.5	41.2	3.5	0.6	62	2.6	959	26	6275	0.16	0.14	24.35%	1.06	
DD003A-139	130	131	1063.6	42.5	15.1	25.1	65.5	6.8	485	1.3	482.2	124.2	83.3	9.1	1.9	178.2	10.2	1687	7	9202	0.30	0.24	23.21%	1.55	
DD003A-140	131	132	757.1	37.8	13.3	20.4	58	6.3	345.8	1	356.1	89.7	62.2	7.7	1.6	160.4	8	2427	7	6543	0.23	0.35	22.97%	1.10	
DD003A-141	132	133	1016.5	38.8	14.9	21.8	59.6	6.5	471	1.1	463.2	118.5	72.8	7.9	1.8	163.5	8.8	1968	24	9610	0.29	0.28	23.42%	1.62	
DD003A-142	133	134	1062	43.7	16.4	23.9	65.1	7.4	482.2	1.2	495.8	125.3	81.8	8.8	1.9	183.5	9.5	830	20	12126	0.31	0.12	23.64%	2.04	
DD003A-143	134	135	558.5	7.5	2.3	6.9	16.4	1.1	365.8	0.2	192.3	59.9	26.7	1.9	0	26.4	1.2	568	9	4722	0.15	0.08	19.82%	0.80	
DD003A-144	135	136	1878.7	34.2	11.9	27.6	64.2	5.6	928.5	0.9	692.1	198.6	101.7	7.7	1.4	140.9	6.8	1679	38	9670	0.48	0.24	21.61%	1.63	
DD003A-145	136	137	4964	69.3	21.6	65	149.6	11	2536.3	1.5	1834.7	541.8	242.7	16.7	2.5	257.2	11.6	1109	8	28673	1.26	0.16	22.07%	4.83	
DD003A-147	137	138	1943.8	30.7	8.4	25.2	61.2	4.3	970.7	0.8	688.2	202.7	91.5	7.3	1	108.2	6	1086	13	9046	0.49	0.16	21.38%	1.52	
DD003A-148	138	139	432.9	8.3	3.2	5.2	13.7	1.3	265.7	0.5	148.7	45.5	19.4	1.7	0	36.1	3.8	291	28	2594	0.12	0.04	19.59%	0.44	
DD003A-149	139	140	296.8	6.1	2.7	3.2	9.2	1	157.9	0.4	107.1	30.2	13.3	1.3	0	28.1	2.7	399	155	1626	0.08	0.06	20.17%	0.27	
DD003A-151	140	141	15	377.9	4.9	1.3	3.9	10.4	6.6	238.2	0.1	130.6	41	15.9	1.1	0	16.1	0.9	206	39	2651	0.10	0.03	20.28%	0.46
DD003A-152	142	142	1659.9	27	9.8	23.2	54.8	4.5	851.3	0.9	643.6	178.4	92.1	6.1	1.3	113.8	6.7	746	20	14030	0.43	0.11	22.27%	2.35	
DD003A-153	142	143	2135.4	50.2	19.6	39.6	92.8	8.4	953	1.6	970	250.6	147.1	10.8	2.4	209.8	12.1	586	5	20478	0.58	0.08	24.76%	3.45	
DD003A-154	143	144	1379.3	35.1	13	25.5	59.6	5.7	589.3	1.2	632.4	163.9	93.1	7.2	1.8	143.3	9.6	310	<1	18897	0.37	0.04	25.06%	3.18	
DD003A-155	144	145	1073.2	20.7	7.6	18.4	41.4	3.2	476.1	0.7	485.2	129.4	68.4	4.5	0.9	83.3	5.2	358	<1	17285	0.28	0.05	25.30%	2.91	
DD003A-156	145	146	964.9	19.6	7.3	18.2	41.2	3.2	430.6	0.7	442.9	113.6	68.1	4.5	0.9	79.9	5.5	565	<1	13926	0.26	0.08	25.16%	2.35	
DD003A-157	146	147	1202.1	31.5	11.5	23.6	56	5.1	522.7	1	559.6	142.2	88.8	6.9	1.4	131.4	7.5	705	2	15766	0.33	0.10	25.00%	2.66	
DD003A-158	147	148	789.6	8.9	3.5	10.9	21.3	1.4	357.4	0.4	339.7	91.6	44.9	2.1	0	34.6	2.7	1092	11	13603	0.20	0.16	25.14%	2.29	
DD003A-160	148	149	1251																						

HoIe_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	Sr ppm	TREO%	Nb2O5%	NdPr%	SrCO3%
DD003A	DD003A-202	185	186	451.4	2	0.5	4.5	8.5	0.2	273.4	0	152.1	46.8	19.9	0.7	0	5.9	0.4	291	52	4257	0.11	0.04	20.52%	0.72
DD003A	DD003A-203	186	187	585.4	14.6	5.3	8.9	22.3	2.3	346	0.3	209.2	59.4	31.5	2.8	0.5	57.3	2.5	282	45	4911	0.16	0.04	19.81%	0.63
DD003A	DD003A-204	187	188	512.6	3.6	1.1	5.4	11.3	0.5	304.1	0	178.7	53.5	23.2	1	0	12.4	0.8	275	36	3343	0.13	0.04	20.88%	0.56
DD003A	DD003A-205	188	189	969.7	33.2	12.2	16	39.8	5.8	537.8	0.8	350.7	99.6	55.5	5.9	1.4	148.8	6.4	378	26	5226	0.27	0.05	19.58%	0.88
DD003A	DD003A-206	189	190	1133.7	47.1	19.4	21.6	54.9	8.6	552.5	1.3	460.9	124.8	74.1	8.1	2.2	218.8	10.9	1662	16	8361	0.32	0.24	21.21%	1.41
DD003A	DD003A-207	190	191	590.8	28.2	10	11.4	31.5	4.7	319.4	0.6	247.8	69.6	38.3	4.9	1.1	118.4	4.9	1019	46	2805	0.17	0.15	21.25%	0.47
DD003A	DD003A-208	191	192	709.1	27.5	11.3	11	29.1	5.1	380	0.9	259.7	76	36.4	4.5	1.5	129.9	7.3	1144	58	3092	0.20	0.16	19.71%	0.52
DD003A	DD003A-209	192	193	962.6	28.4	8.6	14.6	36.6	4.5	535.1	0.5	322.7	95.1	46.3	5.5	0.9	114.4	4.4	695	25	3518	0.26	0.10	19.04%	0.59
DD003A	DD003A-210	193	194	1490.6	51	20.6	23.9	60.9	9.2	806.6	1.5	541.2	152	80.6	8.8	2.5	234.8	12.3	783	24	6277	0.41	0.11	19.68%	1.06
DD003A	DD003A-211	194	195	1852.1	59.2	25.1	30.5	76.4	10.4	991.1	2.1	686.9	192.9	103.6	10.8	3.2	279.2	17	627	17	12163	0.51	0.09	20.13%	2.05
DD003A	DD003A-213	195	196	3235.4	63.2	23.4	42	99.1	10.8	1866	1.9	1139.5	333.6	154.3	12.5	3.1	271.3	15.1	918	26	19306	0.85	0.13	20.15%	3.25
DD003A	DD003A-214	196	197	1930.9	35.4	15.4	14.3	37.5	6.8	1316.5	0.9	457.7	161.4	50.9	6	1.8	180.4	7.4	713	61	6008	0.50	0.10	14.57%	1.01
DD003A	DD003A-215	197	198	1168.3	19.9	8.2	10.9	25.7	3.6	705	0.6	335.3	107.6	38.9	3.3	1	96.4	4.6	880	120	4537	0.30	0.13	17.41%	0.76
DD003A	DD003A-216	198	199	1064.9	10.1	4	8.7	18	1.9	688.4	0.3	313.7	103.7	34.4	2.1	0.5	46.4	2.3	134	280	7334	0.27	0.02	18.21%	1.27
DD003A	DD003A-217	199	200	445.9	16.3	8.6	6.4	16.9	3.3	241.6	0.6	157.4	45.7	22	2.6	1.1	92.9	4.9	456	67	3123	0.13	0.07	18.58%	0.53
DD003A	DD003A-218	200	201	1365.8	40.7	16.5	19.8	50.6	7.2	773.1	1.2	447.7	133.6	65.7	7.1	1.9	185.8	9.7	8216	48	6105	0.37	1.18	18.47%	1.03
DD003A	DD003A-219	201	202	3116.6	61.2	28.9	41	92.7	11.1	1708.6	2.6	1108.8	325.6	149.4	11.8	4	298.1	21.4	2738	84	12399	0.82	0.39	20.43%	2.09
DD003A	DD003A-220	202	203	3664.2	93.4	47.2	54.1	125	17.9	1834.1	4.1	1415.8	402.3	195	16.6	6.5	472.6	33.3	1816	6	17828	0.98	0.26	21.55%	3.00
DD003A	DD003A-221	203	204	3591.3	97.3	50.9	56.2	129.1	19	1758.7	4.3	1431.6	400.5	203.2	17.1	6.9	502.2	35.1	2050	3	21573	0.98	0.29	21.92%	3.63
DD003A	DD003A-222	204	205	3408.7	133.5	67.2	56.8	137.4	26.3	1896.4	4.9	1351.9	376.6	196.7	21	8.5	695.5	40.1	1290	2	20962	0.97	0.18	20.84%	3.53
DD003A	DD003A-223	205	206	3414.1	100.7	50.7	50.5	117.4	20.3	1662.6	3.5	1343.5	376.2	186.3	16.2	6.4	542.2	28.7	862	10	32136	0.93	0.12	21.55%	5.41
DD003A	DD003A-224	206	207	2720	95.7	41.6	45.6	110	17.9	1341.7	2.9	1094.1	299.8	159.5	16	5.1	461.1	23.7	1541	5	15641	0.76	0.22	21.50%	2.64
DD003A	DD003A-225	207	208	1078	43.2	20.8	15.5	41.2	8.4	608.6	1.5	354.1	105.9	49.9	7.3	2.5	231.9	12.5	770	46	7321	0.30	0.11	17.66%	1.23
DD003A	DD003A-227	208	209	877	31	15.4	12.3	32	6.3	478.6	1.2	303.1	86.9	42.3	5.1	1.9	165.5	9.4	1076	37	5036	0.24	0.15	18.70%	0.85
DD003A	DD003A-228	209	210	2391.1	27.4	8.2	21.2	51.6	3.9	1610	0.6	662.6	215.8	78.8	6.1	0.9	98.1	4.6	1156	78	11847	0.61	0.17	16.89%	2.00
DD003A	DD003A-229	210	211	2181.1	34.2	12.3	25.4	59	5.4	1346.8	1	694.6	209.9	90.5	7.3	1.6	140.3	8.3	1334	70	5953	0.57	0.19	18.69%	1.00
DD003A	DD003A-231	211	212	3407.9	96.9	47.7	57.1	132.4	18.3	1698.3	4.3	1354.8	375.6	198.7	17.6	6.6	472.9	34.9	1439	19	21918	0.93	0.21	21.69%	3.68
DD003A	DD003A-232	212	213	3501	107.6	53	55.6	130.2	21.2	1736.1	4.6	1383.8	389.6	195.1	18.4	7.2	551.4	37.5	2527	4	7136	0.96	0.36	21.49%	1.20
DD003A	DD003A-233	213	214	3813.8	143.9	70.6	63.4	151.6	28.2	1867.7	5.1	1525.6	423.4	222.3	23.1	9	725.3	41.7	1900	1	4128	1.07	0.27	21.21%	0.70
DD003A	DD003A-234	214	215	3949.6	160.2	80.2	66.7	162.7	32.4	1934.4	5.6	1587.1	437.9	230.9	25.7	9.8	846.7	45.7	1044	2	15812	1.13	0.15	20.96%	2.66
DD003A	DD003A-235	215	216	1934.8	97.7	42.3	42.7	107.7	18.3	895.1	2.8	585.2	218.1	142.4	16.2	4.9	477	22.5	1601	<1	13020	0.57	0.23	21.48%	2.19
DD003A	DD003A-236	216	217	2752.3	102.6	42.6	54.1	129.1	18.8	1329.5	2.7	1185.3	307.5	190.3	18.1	5	478.4	22.2	1570	<1	19425	0.78	0.22	22.32%	3.27
DD003A	DD003A-237	217	218	3493	65.3	25	55.8	123.9	10.7	1684.9	1.9	1462.1	395.4	206.2	13.9	3.1	280.2	15.4	2609	<1	23987	0.92	0.37	23.59%	4.04
DD003A	DD003A-238	218	219	2609.5	67.2	27.9	43	102.8	11.6	1251.3	2.4	1058.1	287.6	155.2	13.4	3.8	310.2	19.5	4038	<1	21317	0.70	0.58	22.43%	3.59
DD003A	DD003A-240	219	220	3199.6	58.4	22.5	48.7	107.3	10	1581.2	1.8	1274.2	353.2	179.9	12.6	2.9	251	14.5	3607	<1	20607	0.83	0.52	22.75%	3.47
DD003A	DD003A-241	220	221	2926.3	56.7	20.6	45.2	103.2	9.2	1420.2	1.6	1159.9	319	166.9	11.7	2.5	236.1	13	2708	<1	19622	0.76	0.39	22.67%	3.31
DD003A	DD003A-242	221	222	3134.1	46	17.4	40.8	87	8	1605.7	1.4	1203.8	341.8	159.9	9.9	2.2	202	11.5	2120	<1	21849	0.81	0.30	22.39%	3.68
DD003A	DD003A-243	222	223	3565.8	59.5	20.2	50.3	108.6	9.3	1815.6	1.5	1387.3	389.1	184.7	12.6	2.5	250.5	12.4	3661	<1	24657	0.92	0.52	22.47%	4.15
DD003A	DD003A-244	223	224	3213.8	63.3	22.6	47.1	106.2	10.3	1626.4	1.6	1261.1	349.7	172.7	13.3	2.5	273.7	12.6	2448	<1	25278	0.84	0.35	22.33%	4.26
DD003A	DD003A-245	224	225	3655.9	53.2	16.7	49.9	109.6	8.4	1845.7	1.1	1414.5	399.3	189.9	11.9	1.8	204.3	8.7	3528	<1	23583	0.93	0.50	22.66%	3.97
DD003A	DD003A-246	225	226	3837	61.5	18.7	55.6	122.3	9	1914.6	1.1	1513.7	422.3	206.9	13.3	2	229.9	9	2270	<1	28993	0.99	0.32	22.90%	4.89
DD003A	DD003A-247	226	227	3662.3	50.6	13.8	51	110.5	7.2	1856.4	0.9	1424.5	401.5	192.2	11.7	1.5	174.2	7.2	2580	<1	23839	0.93	0.37	22.83%	4.02
DD003A	DD003A-248	227	228	3852.3	65.8	20.8	56	123.8	10.3	1892	1.3	1522.7	422.7	212	14.1	2.1	253.5	10.2	2473	<1	30067	0.99	0.35	22.89%	5.07
DD003A	DD003A-249	228	229	3305.6	60.4	19.4	48.4	107.7	9.4	1632.4	1.1	1300.2	361.4	186	12.4	2.1	235.9	9.2	1874	2	24480	0.86	0.27	22.68%	4.12
DD003A	DD003A-250	229	230	3047.4	52.4	16.1	46.8	101.9	8.1	1496.6	0.9	1243.5	339	175.6	11.4	1.7	197.3	7.4	629	<1	24765	0.79	0.09	23.35%	4.17
DD003A	DD003A-251	230	231	3063.4	32.7	9.8	38.4	80.3	4.5	1504.4	0.6	1186.3	334.8	153	7.7	1	115.9	5.1	1620	<1	23356	0.77	0.23	23.30%	3.94
DD003A	DD003A-253	231	232	2793.3	47.4	15.2	38	82.7	7.5	1405.9	0.9	1061.7	300.6	145.4	10	1.6	187.7	7.1	564	1	21671	0.72	0.08	22.45%	3.65
DD003A	DD003A-254	232	233	1865.9	48.5	15.8	33.7	78.3	7.8	838	0.8	816.8	213.3	122.1	10	1.6	193.7	6.8	788	2	14823	0.50	0.11	24.09%	2.50
DD003A	DD003A-255	233	234	1454	43.2	14.6	26.5	61.9	7.2	663.6	0.9	619.1	165.1	95.7	8.3	1.6	181.4	7.3	326	<1	13739	0.39	0.05	23.26%	2.31
DD003A	DD003A-256	234	235	3360.4	120.1	42.1	59	145.4	20.4	1611.1	2.4	1349.													

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	Sr ppm	TREO%	Nb2O5%	NdPr%	SrCO3%
DD003A	DD003A-302	275	276	3322.3	96.1	32.6	57.8	135.7	15.8	1542.3	1.7	1439.9	381.2	212.3	18.9	3.5	388.2	14.1	1520	<1	26344	0.90	0.22	23.63%	4.44
DD003A	DD003A-303	276	277	3427.7	92.1	34.4	57.3	132.8	16	1522.6	2.1	1509.9	405.8	215.6	17.7	3.8	387.9	17.2	1765	<1	20295	0.92	0.25	24.28%	3.42
DD003A	DD003A-304	277	278	3623.2	109	37.7	63.6	148.8	17.4	1599.9	2.1	1626.7	426.4	232.2	21.1	4.1	435.9	17.3	406	<1	27338	0.98	0.06	24.40%	4.61
DD003A	DD003A-305	278	279	3782.6	121.3	41.8	62.8	149.9	20.2	1762.3	2.3	1596.7	438.2	230	22.4	4.4	484.5	18.7	1371	<1	28140	1.03	0.20	23.14%	4.74
DD003A	DD003A-307	279	280	3028.6	130.9	45.6	57.1	145.3	21.7	1400.8	2.5	1279.3	345.9	192.8	23.6	4.7	527.7	20.3	2094	1	18042	0.85	0.30	22.32%	3.04
DD003A	DD003A-308	280	281	3839.7	65.6	19	53.5	119.9	9.7	1839.9	1	1570.7	434.7	210.3	14	1.9	229.1	8.2	1621	<1	34869	0.99	0.23	23.72%	5.88
DD003A	DD003A-309	281	282	3439.1	99.6	31.7	61	140.2	15.9	1599.3	1.7	1481.3	396	219.1	19.4	3.2	376.3	13.8	2999	10	27217	0.93	0.43	23.64%	4.59
DD003A	DD003A-311	282	283	3681.5	40.8	12.5	48.3	97.6	6.2	1771.7	0.7	1506.9	417.5	191.5	9.7	1.4	148.6	6	2379	<1	33195	0.93	0.34	24.15%	5.59
DD003A	DD003A-312	283	284	3696.1	25.8	7.5	41	83.9	3.4	1811.3	0.5	1447.2	406.7	173.9	7.4	0.7	82.6	3.9	1806	<1	33032	0.91	0.26	23.72%	5.57
DD003A	DD003A-313	284	285	3897.8	82.7	25.5	58.3	133.4	12.7	1898.7	1.4	1617.7	441.5	222.2	17.1	2.6	303.2	11.6	1068	<1	27785	1.02	0.15	23.48%	4.68
DD003A	DD003A-314	285	286	3670.8	64.2	18.6	53.1	118	9.4	1773.2	1.1	1482.4	414	205	14.3	1.9	224.4	8.6	1730	<1	27552	0.94	0.25	23.43%	4.64
DD003A	DD003A-315	286	287	3350.7	84.8	26.4	52.4	129.1	13.2	1631.7	1.4	1365.7	373.3	188.4	17.5	2.9	312.2	11.6	2629	<1	19493	0.89	0.38	22.88%	3.28
DD003A	DD003A-316	287	288	2610.4	55.2	16.8	39.4	89.9	8.4	1222.9	0.9	1101.6	296.5	150.7	11.5	1.7	195.7	7.4	527	<1	21675	0.68	0.08	23.96%	3.65
DD003A	DD003A-317	288	289	2618.4	75.4	21.8	45.4	107.9	11.5	1229.2	1.1	1117.7	297.7	163	15.2	2.1	267.8	9.1	466	1	18874	0.70	0.07	23.53%	3.18
DD003A	DD003A-318	289	290	2139.8	95	27.2	45.7	116.5	14.7	956.6	1.6	919.2	245	148.9	18.7	2.9	339.1	12.6	273	<1	19868	0.60	0.04	22.74%	3.35
DD003A	DD003A-320	290	291	1564.6	52.3	12.5	31.9	81	7.1	704.3	0.7	668.1	177.8	105.3	11.4	1.3	159	5.4	311	1	10531	0.42	0.04	23.49%	1.77
DD003A	DD003A-321	291	292	2515.5	28.4	6.3	41.9	86.4	3.5	1172.1	0.4	1089.2	289.8	158.3	8.3	0.6	79.6	3	213	<1	24801	0.64	0.03	25.07%	4.18
DD003A	DD003A-322	292	293	2367.8	27.4	6.7	39.1	79.3	3.4	1110.1	0.3	1034.2	274	148.3	7.7	0.6	76	2.8	704	9	13769	0.61	0.10	25.19%	2.32
DD003A	DD003A-323	293	294	2332.4	31.3	7.1	38.7	81.5	4.1	1077.4	0.4	1012.2	269.1	147.7	8.3	0.7	89.5	3.1	150	2	17636	0.60	0.02	25.02%	2.97
DD003A	DD003A-324	294	295	1874.7	18.4	4.3	28.9	57.1	2.4	836.9	0.2	823.8	215.2	112.7	5.3	0	53	2	260	5	14926	0.47	0.04	25.67%	2.51
DD003A	DD003A-325	295	296	2131.1	30.7	7.6	38.8	83.4	3.9	956.9	0.4	913.6	242.8	141.2	8.1	0.7	89.1	3.3	218	3	12449	0.54	0.03	24.77%	2.10
DD003A	DD003A-326	296	297	2336.2	34.3	8.3	39.8	84.9	4.5	1079.6	0.5	1023.8	268.4	151.8	8.9	0.9	105.7	3.7	252	3	19787	0.60	0.04	24.99%	3.33
DD003A	DD003A-327	297	298	1678.3	14.8	3.6	27.4	51.1	1.7	737	0.2	743.7	194.7	109.2	4.5	0	39.8	1.6	290	3	13637	0.42	0.04	25.94%	2.30
DD003A	DD003A-328	298	299	1567.9	25.9	7.1	28.8	59.9	3.7	687.7	0.4	680.6	178.5	106.1	6.1	0.7	86.4	3.6	254	3	11526	0.40	0.04	24.85%	1.94
DD003A	DD003A-329	299	300	1623.8	30.4	8.6	30.4	65.3	4.5	705.5	0.5	706.2	184.2	110.1	7	0.9	108.8	4.3	410	3	15484	0.42	0.06	24.69%	2.61
DD003A	DD003A-330	300	301	1498.4	19.6	5.5	24.4	48.9	2.7	668.8	0.3	644.9	170.1	93.1	5	0.5	63.8	2.5	517	4	11465	0.38	0.07	25.00%	1.93
DD003A	DD003A-331	301	302	1506.3	22.4	5.7	24.4	50.7	2.9	667.8	0.3	635.8	171	92.4	5.3	0.6	71.9	2.5	454	11	11688	0.38	0.06	24.66%	1.97

Section 1: Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections)

Criteria	JORC Code explanation	Commentary
Sampling techniques	<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 2025-2026 drilling geotechnically logged. 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> <p>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 Jinning Lab in Western Australia (a NATA accredited Australian lab) for preparation and assaying.</p>
Drilling techniques	<p><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></p>	<p>All drilling was completed by industry standard triple tube diamond drilling.</p>
Drill sample recovery	<p><i>Method of recording and assessing core and chip sample recoveries and results assessed.</i></p> <p><i>Measures taken to maximise sample recovery and ensure representative nature of the samples.</i></p> <p><i>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></p>	<p>All 2025-26 holes have recoveries above 95% in the majority of the mineralised areas.</p> <p>No relationship exists between sample recovery and grade</p>

Criteria	JORC Code explanation	Commentary
Logging	<p><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.</i></p> <p><i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.</i></p> <p><i>The total length and percentage of the relevant intersections logged.</i></p>	<p>All drillholes are logged and stored at a Aldoro local facility. All core (100%) is logged in detail. Geology logging is qualitative.</p> <p>The digitised logs of the drill programme are appropriate to inform geological interpretation of the results.</p> <p>Photography and recovery measurements were carried out by assistants under a geologist's supervision.</p> <p>All drill holes were logged in full.</p> <p>Logging was qualitative and quantitative in nature.</p>
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 250-gm sample is milled through an LM5 using a single puck to 90% <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 cover the variation in textures from aphanitic to porphyritic to minimise any grainsize bias with larger NTW core used and the prep sample being sufficiently large to overcome textural bias.</p>
Quality of assay data and laboratory tests	<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</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 to the Australian Lab (Jinning Testing and Inspection) for analysis.</p>

Criteria	JORC Code explanation	Commentary
	<p><i>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>Due to the refraction nature of REE's a Fusion technique was used for all analyses.</p> <p>The samples were fused in a furnace (~650°C.) with Sodium Peroxide in a nickel crucible. The melt is dissolved in dilute Hydrochloric acid and the solution analysed. This technique provides almost complete dissolution of most minerals including silicates with the elements finished by ICP_OES for majors and ICP-MS for trace 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> <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>
Verification of sampling and assaying	<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 NATA approved analytical laboratories and imported into the drill database.</p> <p>No adjustments have been made to the data other than conversion to oxides using standard stoichiometry conversion factors.</p>
Location of data points	<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>Diamond drilling collar data have been located with high precision survey tool. The resultant locations are appropriate for resource estimation.</p>

Criteria	JORC Code explanation	Commentary
	<i>Quality and adequacy of topographic control.</i>	Down-hole surveying of dip and azimuth (true) for diamond holes was conducted using an 'Axis' a reflex camera.
Data spacing and distribution	<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>Drill holes are done on a radial arc from multiple access points due to the steep high relief and not standard pattern drilling. This approach is considered sufficient for resources estimation especially with the increasing number of holes. Sampling down hole is consistent with conventional methodology with assay continuous down hole at regular 1m or less intervals.</p> <p>Sample compositing was not carried out.</p>
Orientation of data in relation to geological structure	<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>	<p>At this stage with a second phase of drilling increasing knowledge and understanding of the lithologies, their mineralisation style and distribution becoming is increasing understood in detail. The mineralisation is lithologically controlled over structural control governed by increasing high iron levels.</p> <p>The drilling crosscuts the mineralised beforite dykes and sovitic cores and is therefore not biased towards specific phases if the intrusion as evidenced in the assays which reveal the REE and Nb rich zones downhole.</p>
Sample security	<i>The measures taken to ensure sample security.</i>	<p>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.</p> <p>All transport was overseen by either company staff, to the initial sample prep lab, and subsequently by independent personnel.</p>
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

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>	(Pty) Ltd. 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 and soil sampling 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 style of mineralisation is interpreted to be similar to the Niobec Sant Honore deposit in Canada. 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 sovitite and three beforosite 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 beforosites.
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 downhole length and interception depth hole length. 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>	Provided in the main body of the release.
Data aggregation methods	<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. 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>	The exploration results are reported above using a 1% TREO cutoff grade and a 0.2% Nb ₂ O ₅ cutoff as noted in the main body of the release. No sample weighting was applied, nor high grade cuts. Only interval length weighting applied, down hole mineralisation is a weighted average using the cut- offs above to the data in Appendix 1, see bold highlights

Criteria	JORC Code explanation	Commentary
	<i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</i>	
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 not reported.</p>
Diagrams	<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>	Maps and sections in body of text
Balanced reporting	<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>	Only pertinent results are included given the scope of this announcement
Other substantive exploration data	<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>	No material information has been withheld for the project.
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>The continuation of drilling programme is planned as per the drill collar table presented in this report. The drilling programme is designed to contribute towards an undated MRE with increased confidence from the maiden report.</p> <p>Diagrams are provided in the main body of the release.</p>