LINDIAN RESOURCES LTD.

16 JANUARY 2023

KANGANKUNDE DELIVERS MORE OUTSTANDING RARE EARTHS ASSAYS

ASSAY RESULTS CONTINUE TO SHOW EXTENSIVE, NON-RADIOACTIVE RARE EARTHS MINERALISATION IN VERY BROAD INTERCEPTS

HIGHLIGHTS

- **KGKRC003 assayed 184 metres from surface at average of 2.49% TREO, including:**
  - **146 metres @ 2.74% TREO from surface**
- **KGKRC004 assayed 97 metres from surface averaging 2.84% TREO, including:**
  - **24 metres @ 3.43% TREO from 10 metres**
  - **41 metres @ 3.50% TREO from 56 metres**
- **KGKRC006 assayed 300 metres from surface averaging 2.31% TREO, including:**
  - **66 metres @ 2.37% TREO from surface**
  - **50 metres @ 2.30% TREO from 77 metres**
  - **32 metres @ 2.18% TREO from 137 metres**
  - **124 metres @ 2.53% from 176 metres to end of hole**
- **KGKRC008 assayed 272 metres from surface averaging 2.06% TREO, including:**
  - **157 metres @ 2.54% TREO from 115 metres to end of hole**
- **All holes started and terminated in mineralisation. Holes KGKRC003 and KGKRC008 will be extended by core drilling**
- **Lateral and depth extent of mineralisation remains open**
- **Critical Rare Earths metal elements for carbon abatement technology of neodymium-praseodymium (NdPr) average 20% of TREO content**
- **Assays demonstrate that mineralisation is non-radioactive with very low average uranium and thorium levels**
- **Further assays will be reported progressively in the coming weeks; 4,568 metres of RC and 632 metres of core drilling completed to date with assays reported for the first 1,213 metres drilled**
- **The 12,500 metre Phase 1 drill program continues with three drill rigs currently on site**
- **Kangankunde's Exploration Licence, Environmental Licence and Mining Licence along with strong Government and Community support ensures project can be fast-tracked into development**

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Lindian Resources Limited (ASX:LIN) ("Lindian" or "the Company") is pleased to advise the receipt further assays from the Phase 1 drilling program at the Kangankunde Rare Earths Project in Malawi. The assays reported are for reverse circulation (RC) holes, KGKRC003, KGKRC004, KGKRC006 and KGKRC008. All holes have broad intersections of non-radioactive material with excellent grade and with a large percentage of critical Rare Earths metal elements of NdPr.

COMMENT

Lindian's Chief Executive Officer, Alistair Stephens commented: *"As with our first results, the assays we are reporting today are simply outstanding in terms of consistent grade, the extraordinary continuity of mineralisation over very large intercepts, the high NdPr ratio and the fact that Kangankunde hosts non-radioactive material. All holes commenced and finished in mineralisation and we are yet to encounter the extremities and the depth of the mineralisation. It is exceptionally encouraging to have such continuity and consistency in grade across all holes drilled to date. I am confident that the continuing stream of assays we will report over the coming weeks will deliver more of the same."*

"Last year I labelled Kangankunde 'the King' and the assays we are reporting certainly underpin my confidence that we are in the early stages of rapidly defining what will be one of the world's most significant non-radioactive rare earths deposits in terms of both scale and grade. Lindian is very well-placed to fast-track Kangankunde's development with Exploration, Environmental and Mining Licences in place as well as healthy support from the Government and the local Community."

"We will keep shareholders informed of mine development drilling progress, regular assay results, the commencement and progress of metallurgy test work and any relevant commercial developments."

DRILL ASSAY RESULTS

Assay results have been received for a further four reverse circulation (RC) holes, KGKRC003, KGKRC004, KGKRC006 and KGKRC008 from the Phase 1 Kangankunde Rare Earths Project. These holes are in the same area as holes previously reported[1] holes KGKRC001 and KGKRC002.

All holes were drilled from the hilltop of the central radial carbonatite pipe. Refer to Figure 3 for the hole locations in relation to the simplified geology (Plan view).

Holes KGKRC003 and KGKRC008 are angle holes drilled from the carbonatite outward toward the interpreted contact of the carbonatite with the surrounding wall rock. Neither hole achieved the length to intersect the contact and finished in mineralised carbonatite. Both will be extended with core drilling.

Holes KGKRC004 and KGKRC006 were drilled vertically down the vertical carbonatite pipe. Hole KGKRC004 was terminated at 97 metres depth due to broken ground. KGKRC006 was drilled to its planned depth of 300 metres with mineralisation grade generally increasing with depth. The final metre sampled (from 299 to 300 metres) assayed 2.55% TREO. **The base of this hole is the deepest point drilled at Kangankunde to date and shows mineralisation in the carbonatite continues at depth**. Below this depth, drilling will be tested during Phase 2 deep core drilling planned to follow the Phase 1 program.

Significant Intercepts

Drilling to date has not yet tested the margin of the mineralised carbonatite complex. Subsequently intercepts have been reported for the entire hole with multiple internal accumulations above 2% TREO also reported. Refer Appendix 2 for individual assays reported in this announcement.

[1] ASX release 5th January 2023: "Kangankunde Delivers Outstanding High Grade Rare Earths Assays"

Grade distribution is generally consistent and some zonation evident as highlighted by the greater than 2% TREO intercepts however no extreme variation evident.

Significant intersections are summarised in Table 1. Cross sections showing TREO intersections are shown in Figure 1 and Figure 2 with a plan view of the hole locations on simplified geology in Figure 3.

All holes started and terminated in mineralisation. Angled drillholes KGKRC003 and KGKRC008 will be continued with core drilling later in the program.

Table 1: Significant rare earth intersections*

Hole ID	From (m)	To (m)	Intersection (m)	TREO ppm	TREO %	NdPrO** ppm	NdPrO% of TREO***
KGKRC003	**0**	**184 (EOH)**	**184**	**24,869**	**2.49 %**	**5,195**	**21%**
Including	0	146	146	27,368	2.74 %	5,713	21%
and	161	167	6	28,615	2.86 %	5,835	20%
KGKRC004	**0**	**97 (EOH)**	**97**	**28,393**	**2.84 %**	**5,769**	**20%**
	2	7	5	22,456	2.25 %	4,564	20%
	10	34	24	34,264	3.43 %	6,533	19%
	56	97 (EOH)	41	34,956	3.50 %	7,291	21%
KGKRC006	**0**	**300 (EOH)**	**300**	**23,104**	**2.31 %**	**4,678**	**20%**
	0	66	66	23,694	2.37 %	4,783	20%
	77	127	50	22,988	2.30 %	4,308	19%
	137	169	32	21,755	2.18 %	4,550	21%
	176	300 (EOH)	124	25,299	2.53 %	5,220	21%
KGKRC008	**0**	**272 (EOH)**	**272**	**20,589**	**2.06%**	**4,003**	**19%**
	20	35	15	24,448	2.44%	3,968	16%
	87	94	7	20,755	2.08%	3,948	19%
	115	272 (EOH)	157	25,412	2.54%	5,003	20%

** Bold text entire hole no cut-off applied; internal intersections accumulated at > 2% TREO cut-off. EOH is "end of hole".*

*** NdPrO = $Nd_2O_3 + Pr_6O_{11}$*

**** NdPrO% / TREO% x 100*

Neodymium and Praseodymium Ratio

The mineralisation is dominated by light rare earths cerium (Ce), lanthanum (La), neodymium (Nd) and praseodymium (Pr). The total of Nd+Pr content in oxide form constitutes on average 20% of the TREO in all holes reported in this release with some minor local variation.

Non-Radioactive Mineralisation

Radionuclides uranium (U) and thorium (Th) continue to be low in all drill assays. Table 2 shows the average content for the each of the reported drill holes with detailed individual interval assays in Appendix 2 of this release.

Table 2: Average radionuclides thorium and uranium content

Hole ID	From (m)	To (m)	Intersection (m)	Th ppm	U ppm
KGKRC003	0	184 (EOH)	184	50.7	8.2
KGKRC004	0	97 (EOH)	97	54.1	12.4
KGKRC006	0	300 (EOH)	300	31.6	6.5
KGKRC008	0	272 (EOH)	272	51.7	8.2

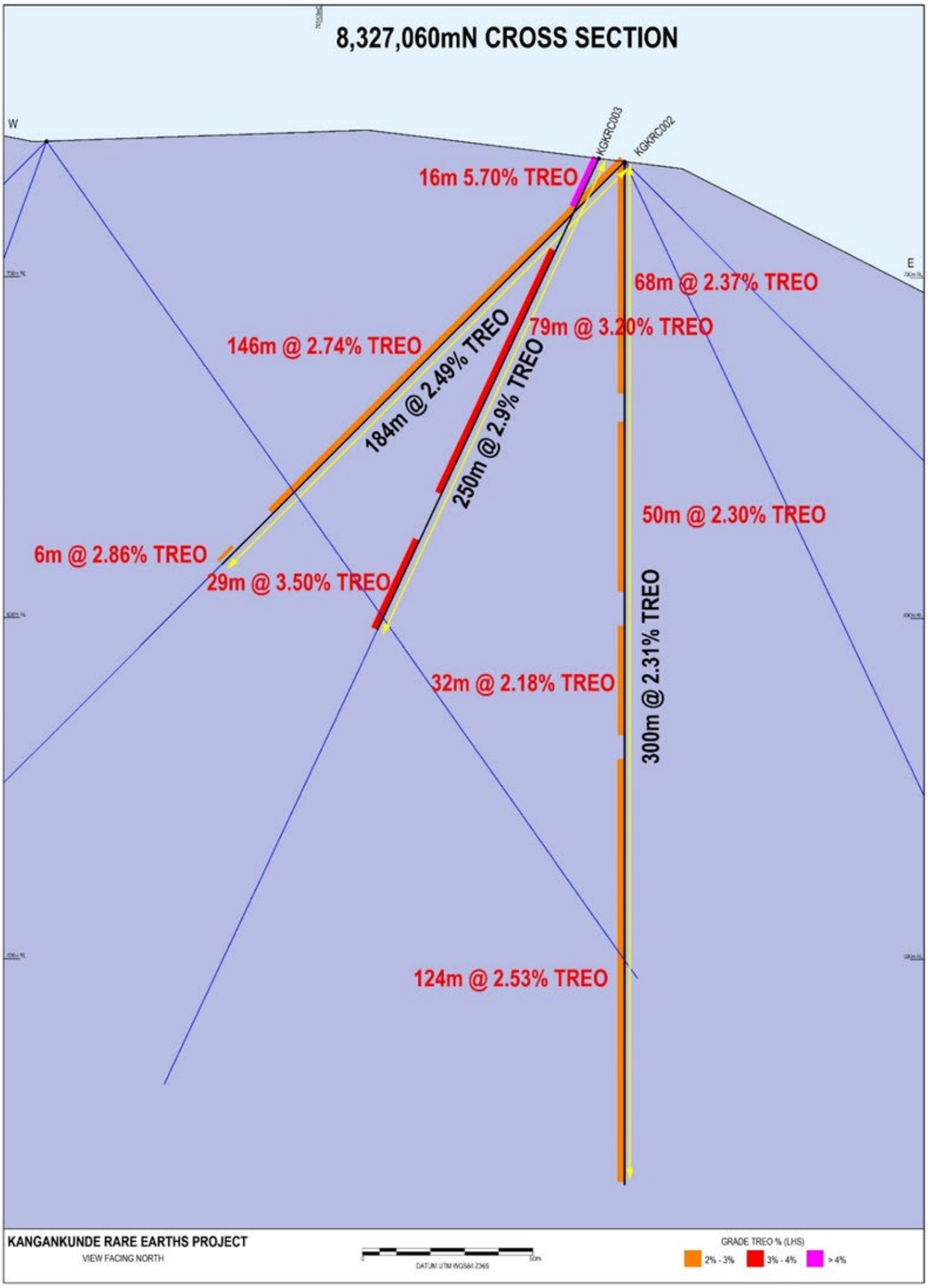

Figure 1: 8,327,060mN Cross Section A – A'' Including KGKRC002 and KGKRC003

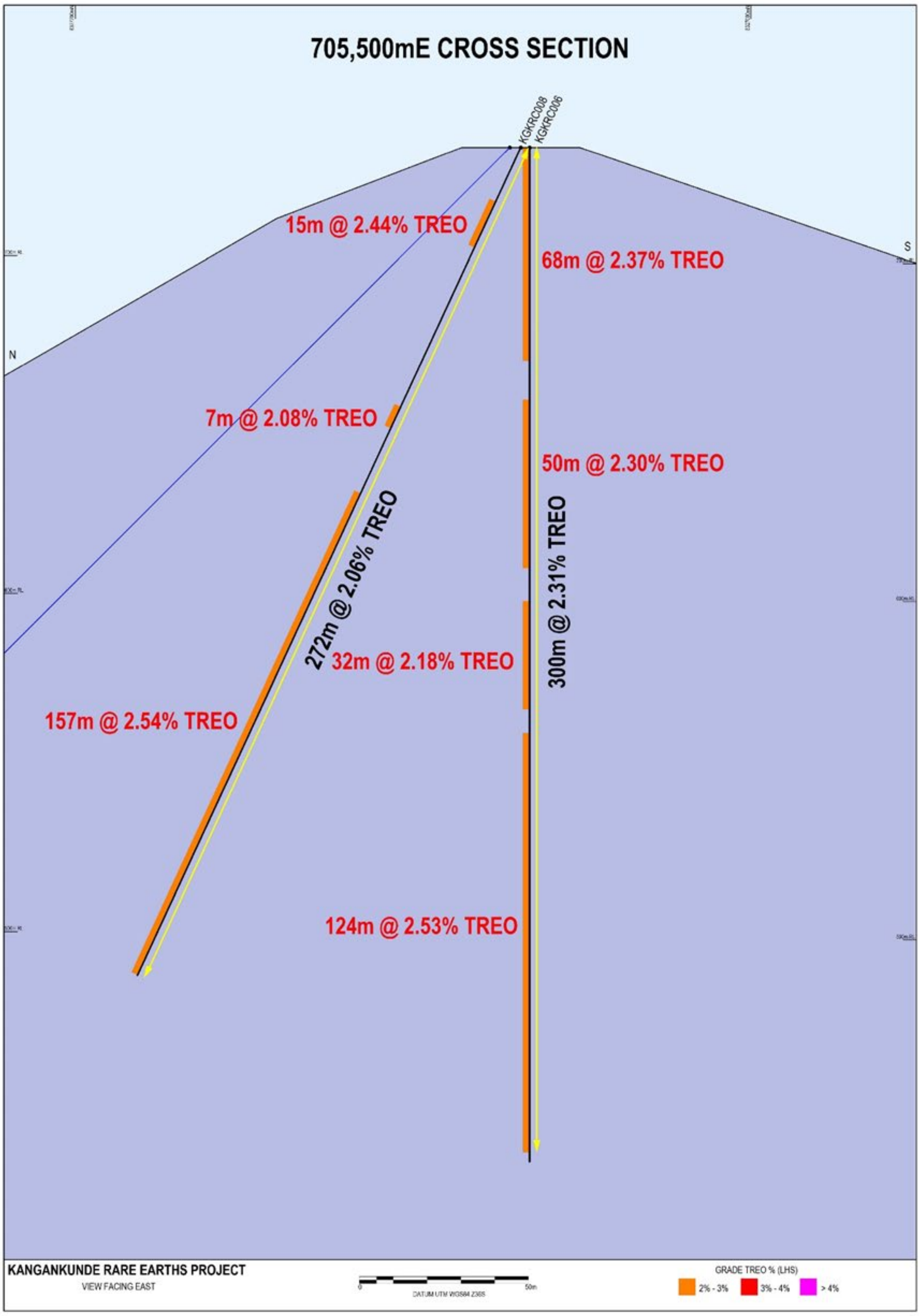

Figure 2: 705,500mE Cross Section B- B' Including KGKRC006 and 008

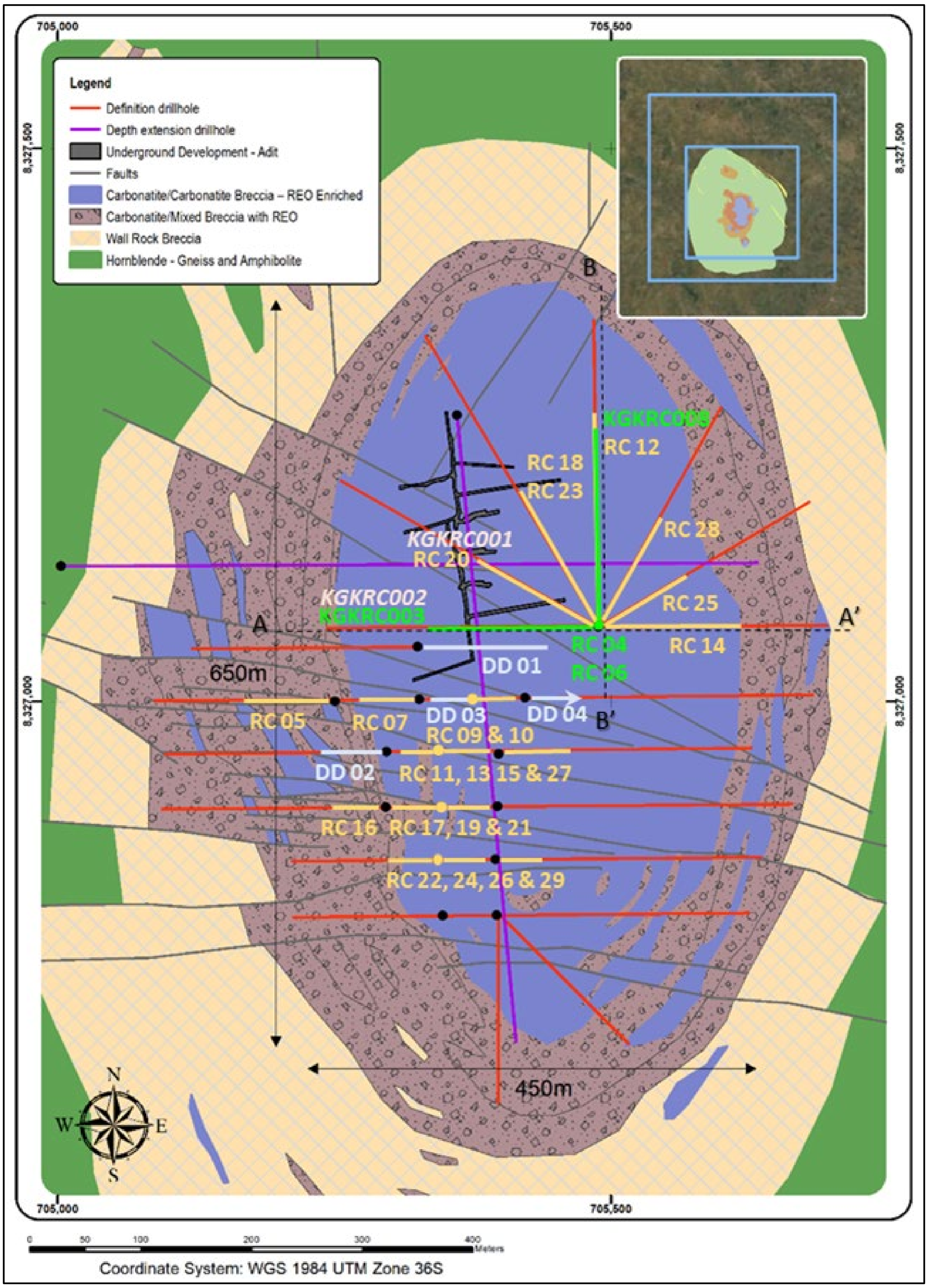

Figure 3: Kangankunde central carbonatite simplified geology plan

Drilling Key
Planned drilling (Phase 1=red, Phase 2= purple)
Holes reported in this announcement (green trace and text)
Previously reported holes (pink text)
Completed RC holes assays pending (yellow trace and text)
Completed core holes assays pending (blue trace and text)
Cross sections A-A' and B-B' lines shown in black

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PHASE 1 PROGRAM STATUS

A total of 29 RC holes for 4,568 drill metres and 3 core drill holes for 632 metres had been completed as at 15th January 2023, the status of the drill hole sampling and assay is as follows:

Table 3: Completed drill hole sampling and assay status at 15th January 2023

Hole Number	Reported	ALS Geochemistry (Australia)	ALS Geochemistry (South Africa)	In transit (Malawi to South Africa)	At Kangankunde Site
KGKRC001	✓				
KGKRC002	✓				
KGKRC003	✓				
KGKRC004	✓				
KGKRC005		✓			
KGKRC006	✓				
KGKRC007		✓			
KGKRC008	✓				
KGKRC009		✓			
KGKRC010		✓			
KGKRC011		✓			
KGKRC012		✓			
KGKRC013		✓			
KGKRC014		✓			
KGKRC015			✓		
KGKRC016			✓		
KGKRC017			✓		
KGKRC018			✓		
KGKRC019			✓		
KGKRC020			✓		
KGKRC021			✓		
KGKRC022				✓	
KGKRC023				✓	
KGKRC024				✓	
KGKRC025				✓	
KGKRC026				✓	
KGKRC027					✓
KGKRC028					✓
KGKRC029					✓
KGK DD001				✓	
KGK DD002					✓
KGKDD003					Sampling commenced
KGKDD004					Sampling pending

PREVIOUSLY REPORTED DRILL RESULTS

Table 4 summarises previous drill results and the related ASX release date.

Table 4: Previously released drilling results

Hole ID	From (m)	To (m)	Intersection (m)	TREO %	NdPrO% of TREO**	ASX release Date*
KGKRC001	**0**	**110**	**110**	**2.9**	**21%**	**5th January 2023**
KGKRC002	**0**	**250**	**250**	**2.9**	**21%**	**5th January 2023**

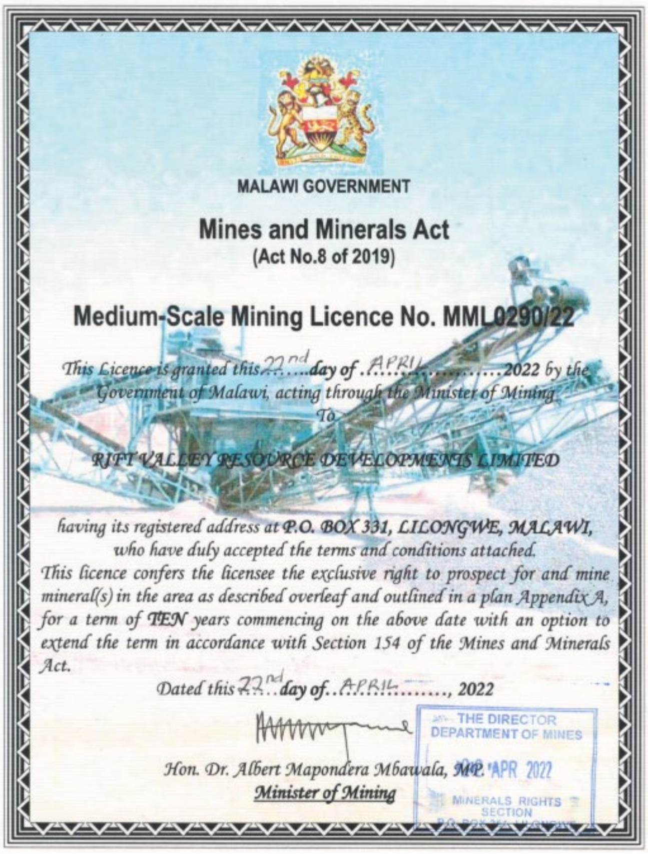
**refer to Company website for the date of the ASX announcement for the reporting of exploration results*

TENURE AND LICENCES

The Kangankunde Project is tenured to Exploration Licence EL0514/18R that envelopes Mining Licence MML2090/22. Current drilling is all located within the Mining Licence. The Project also has an Environmental and Social Impact Assessment Certificate (No2.10.2016) for the development and operations of mine site related activities. A medium scale mining licence allows the Company to operate an open pit mine and process plant up to the capacity of at 1.5 million tonne per annum.

MALAWI GOVERNMENT
Mines and Minerals Act
(Act No.8 of 2019)
Exploration Licence No. EL0514/18R
This Licence's term is extended this 16th day of October, 2021 by the Government of Malawi, acting through the Minister of Mining
To
RIFT VALLEY RESOURCE DEVELOPMENTS LIMITED
having its registered address at P.O. BOX 331, LILONGWE, MALAWI who have duly accepted the terms and conditions attached.
This licence grants the licensee the exclusive right to prospect for mineral(s) in the area as described overleaf and outlined in a plan Appendix A, for a term of TWO years commencing on the above date with an option to extend the term in accordance with Section 119 of the Mines and Minerals Act.
Dated this 22nd day of APRIL 2022
Hon. Dr. Albert Mapondera Mbawala, MP.
Minister of Mining

Figure 4: Exploration Licence EL0514/18R



MALAWI GOVERNMENT
Mines and Minerals Act
(Act No.8 of 2019)
Medium-Scale Mining Licence No. MML0290/22
This Licence is granted this 22nd day of APRIL 2022 by the Government of Malawi, acting through the Minister of Mining
To
RIFT VALLEY RESOURCE DEVELOPMENTS LIMITED
having its registered address at P.O. BOX 331, LILONGWE, MALAWI, who have duly accepted the terms and conditions attached.
This licence confers the licensee the exclusive right to prospect for and mine mineral(s) in the area as described overleaf and outlined in a plan Appendix A, for a term of TEN years commencing on the above date with an option to extend the term in accordance with Section 154 of the Mines and Minerals Act.
Dated this 22nd day of APRIL, 2022
Hon. Dr. Albert Mapondera Mbawala, MP.
Minister of Mining

Figure 5: Mining Licence MML0290/22

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PROGRAM SUMMARY

The Kangankunde drilling program is planned in separate phases with distinct target outcomes. The Company commenced drilling at Kangankunde in late October 2023 with the intention to undertake a drill program that could potenitally culminate in a mineral resources estimate by June 30 2023.

PHASE 1 DRILL PROGRAM (MINE DEFINITION)

The Phase 1 program consists of 10,000 metres of RC drilling and 2,500 metres of core drilling on the Kangankunde hill top. The drill pattern is based on 50 metre east-west sections, and as radial fans perpendicular to the interpreted carbonatite boundary where topography provides access (Figure 3). The program is designed to give initial data for resource evaluation and mine planning.

PHASE 2 DRILL PROGRAM (DEPTH EXTENSION)

Two additional deep drill holes are planned from drill pads near the base of the Kangankunde hill (Figure 3) and are designed to allow drilling to continue during the wet season (if needed). These two drill holes, each planned to be 1,000 metres in length, are designed to test the N-S and E-W axies of the carbonatite between 300 metres and 800 metres below the hill top. The Phase 2 drill program has not yet commenced.

-ENDS-

This ASX announcement was authorised for release by the Lindian Board.

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About Lindian

RARE EARTHS

Lindian Resources Limited will progressively acquire 100% of Malawian registered Rift Valley Resource Developments Limited and its 100% owned title to Exploration Licence EPL0514/18R and Mining Licence MML0290/22 (refer ASX announcement ASX:LIN dated 1 August 2022) issued under the Malawi Mines and Minerals Act 2018. The Exploration and Mining Licences have an Environmental and Social Impact Assessment Licence No.2:10:16 issued under the Malawi Environmental Management Act No. 19 of 2017. The Kangankunde Project, located within ML0290, has been subject to historic exploration by Lonrho Plc (Lonrho) in the 1970's and the French geoscience Bureau de Récherches Géologiques et Minières (BRGM) in the 1990's. The project has an underground adit (a horizontal drive with cross cuts extending at least 300 metre underground) and exploration sampling by trenching and drilling has identified significant non-radioactive monazite mineralisation over a footprint of at least 800m by 800m.

BAUXITE

Lindian Resources Limited has over 1 billion tonnes of **Bauxite** resources (refer company website for access to resources statements and competent persons statements) in Guinea with the Gaoual, Lelouma and Woula projects. Guinean bauxite is known as the premier bauxite location in the world, having high grade and low impurities premium quality bauxite.

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About Malawi

Malawi is a country in southern and eastern Africa that parallels the great Lake Malawi, the 5th largest freshwater lake in the world that fills part of the massive rift valley of the Africa continent. Malawi is a peaceful country known ubiquitously as "the warm heart of Africa", with a government and legal system emanated from the English Westminster system (from colonial rule up to 1964). The Malawi economy is currently heavily reliant on agriculture, a small manufacturing sector and foreign aid. Over 80% of Malawians living in rural areas are engaged in traditional subsistence agriculture. The mining industry in Malawi is in its infancy with a new Mining Act introduced in 2019 expected to forge the way for significant expansion and growth. Having seen the impact of mining in neighbouring countries, the Malawi Government has placed mining as the primary growth sector to diversify the Malawi economy and improve living conditions for its people. A growing mining industry is the central plank of the current President's plans for employment. Significant mineral endowment exists in the form of rare earths, uranium, niobium, tantalum, and graphite in a country substantially underexplored.

FORWARD LOOKING STATEMENTS

This announcement may include forward-looking statements, based on Lindian's expectations and beliefs concerning future events. Forward-looking statements are necessarily subject to risks, uncertainties and other factors, many of which are outside the control of Lindian, which could cause actual results to differ materially from such statements. Lindian makes no undertaking to subsequently update or revise the forward-looking statements made in this announcement, to reflect the circumstances or events after the date of the announcement.

COMPETENT PERSONS STATEMENT

The information in this Report that relates to drilling, sampling, and assay results is based on information compiled by Mr. Geoff Chapman, who is a Fellow of the Australian Institute of Mining and Metallurgy (AusIMM). Mr. Chapman is a Director of geological consultancy GJ Exploration Pty Ltd that is engaged by Lindian Resources Limited. Mr. Chapman has sufficient experience 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 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves' (JORC Code).

Mr. Chapman consents to the inclusion in this report of the matters based on the information in the form and context in which it appears.

Appendix 1: Kangankunde Rare Earths Project Hole Details (Datum UTM WGS84 Zone 36S)*

Drill Hole ID	UTM East (m.)	UTM North (m.)	Elevation (m.a.s.l.)	Drill Type	Hole Length EOH (m.)	Azimuth	Inclination
KGKRC003	705489	8327067	795	RC	184	270	-45
KGKRC004	705487	8327065	788	RC	97	000	000
KGKRC006	705492	8327065	787	RC	300	000	000
KGKRC008	705489	8327067	795	RC	272	360	-65

* Planned hole locations and orientations. Survey pending for accurate collar and downhole details

Appendix 2: Analytical Results KGKRC003, KGKRC004, KGKRC006 and KGKRC008

Note: NS= No sample

Hole ID	From m	To m	La_2O_3 ppm	CeO_2 ppm	Pr_2O_3 ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	TREO %	Th ppm	U ppm
KGKRC003	0.0	1.0	7,471	15,048	1,559	4,631	340	54.7	98.2	7.3	22.5	2.4	4.5	0.5	2.5	0.3	58.4	29,299	2.93	59.4	12.8
	1.0	2.0	5,043	10,220	1,056	2,858	212	32.8	58.1	4.1	11.6	1.3	2.4	0.2	1.5	0.2	30.5	19,531	1.95	27.0	9.4
	2.0	3.0	6,802	13,512	1,359	3,896	278	44.0	79.5	5.8	15.8	1.6	2.9	0.3	1.5	0.2	36.8	26,036	2.60	51.5	9.1
	3.0	4.0	4,891	10,577	1,120	3,184	255	41.9	78.6	6.4	21.6	2.8	6.2	0.7	4.1	0.5	74.9	20,264	2.03	39.5	9.6
	4.0	5.0	4,210	9,188	1,003	2,904	260	43.3	78.7	5.7	16.1	1.6	2.6	0.3	1.3	0.2	36.8	17,752	1.78	49.6	9.6
	5.0	6.0	4,550	9,201	962	2,648	218	35.0	65.4	4.6	13.3	1.4	2.4	0.2	1.3	0.2	31.8	17,734	1.77	30.6	10.0
	6.0	7.0	6,333	12,247	1,208	3,301	246	39.8	71.0	5.3	15.0	1.7	3.2	0.3	1.7	0.3	40.6	23,514	2.35	34.4	13.4
	7.0	8.0	25,802	45,819	4,313	12,306	802	134.3	197.7	10.2	43.8	5.2	8.5	0.8	3.4	0.5	121.9	89,568	8.96	104.5	6.7
	8.0	9.0	19,117	36,729	3,540	10,393	673	111.0	163.7	8.3	37.9	4.4	7.1	0.6	2.9	0.5	97.8	70,885	7.09	71.6	7.3
	9.0	10.0	9,687	18,979	1,897	5,517	404	64.5	116.4	8.1	22.6	2.5	4.6	0.4	2.5	0.3	55.9	36,761	3.68	54.7	16.6
	10.0	11.0	9,594	20,023	2,048	6,217	466	72.7	126.2	8.5	23.0	2.5	4.5	0.5	2.4	0.4	55.9	38,644	3.86	56.2	14.0
	11.0	12.0	8,034	17,259	1,836	5,645	420	64.5	110.5	7.3	19.3	2.0	3.3	0.3	1.9	0.3	43.2	33,447	3.34	56.3	9.9
	12.0	13.0	6,732	13,758	1,420	4,211	313	49.3	87.4	6.3	18.4	1.9	3.0	0.3	1.6	0.2	40.6	26,642	2.66	51.9	6.7
	13.0	14.0	5,758	11,977	1,250	3,674	273	42.4	73.0	4.8	13.1	1.3	2.2	0.2	1.0	0.2	29.2	23,100	2.31	36.4	6.1
	14.0	15.0	5,852	12,653	1,341	4,012	320	52.6	95.3	6.7	17.9	1.7	2.9	0.2	1.4	0.2	38.1	24,395	2.44	65.5	1.0
	15.0	16.0	8,303	17,812	1,891	5,844	429	75.8	118.1	5.9	22.0	2.2	3.2	0.3	1.3	0.2	44.5	34,552	3.46	84.1	1.7
	16.0	17.0	8,362	17,075	1,722	5,086	384	59.5	107.8	7.2	19.5	1.9	4.4	0.4	1.5	0.3	43.2	32,873	3.29	66.5	4.1
	17.0	18.0	6,274	12,775	1,305	3,779	293	46.7	87.1	6.1	17.5	1.7	3.0	0.2	1.4	0.2	40.6	24,632	2.46	56.0	4.2
	18.0	19.0	8,503	16,645	1,655	4,794	363	60.2	108.1	7.7	20.9	2.1	3.5	0.3	1.6	0.2	47.0	32,211	3.22	58.1	1.7
	19.0	20.0	6,708	14,004	1,450	4,327	340	55.5	103.3	7.5	21.2	2.0	3.2	0.3	1.4	0.2	44.5	27,068	2.71	71.8	2.7
	20.0	21.0	11,118	22,603	2,290	6,777	515	81.1	144.1	9.4	24.7	2.4	3.7	0.3	1.4	0.2	47.0	43,616	4.36	78.5	3.5
	21.0	22.0	12,490	25,428	2,549	7,523	572	91.5	164.8	11.2	30.5	2.9	4.6	0.3	1.7	0.3	59.7	48,930	4.89	95.6	1.9
	22.0	23.0	9,547	19,593	1,981	5,844	444	70.4	129.1	9.5	25.9	2.4	3.8	0.3	1.5	0.2	52.1	37,704	3.77	100.0	2.0
	23.0	24.0	6,837	14,311	1,480	4,362	321	52.0	95.1	7.1	19.7	1.9	3.3	0.3	1.5	0.2	44.5	27,537	2.75	70.5	4.5
	24.0	25.0	6,556	13,512	1,395	4,024	288	44.1	77.5	5.5	15.6	1.6	2.6	0.2	1.3	0.2	35.6	25,960	2.60	44.7	4.6
	25.0	26.0	6,662	14,127	1,468	4,281	321	50.4	90.5	6.5	18.6	1.8	2.9	0.2	1.1	0.2	40.6	27,071	2.71	61.2	4.4
	26.0	27.0	4,726	9,557	979	2,659	197	28.8	49.8	3.4	10.0	1.1	1.9	0.2	1.0	0.1	26.7	18,242	1.82	26.5	9.2
	27.0	28.0	6,920	14,802	1,504	4,281	271	40.3	69.4	5.2	15.7	1.6	2.5	0.2	1.0	0.1	36.8	27,951	2.80	50.3	6.6
	28.0	29.0	5,641	11,608	1,205	3,278	235	35.9	65.5	5.1	15.0	1.6	2.7	0.3	1.4	0.2	36.8	22,132	2.21	42.8	8.0
	29.0	30.0	7,670	15,294	1,540	4,386	288	43.4	74.9	5.5	15.5	1.6	2.6	0.2	1.1	0.2	36.8	29,359	2.94	50.8	7.3
	30.0	31.0	6,497	12,714	1,335	3,919	231	36.9	58.9	4.3	12.6	1.4	2.1	0.2	1.1	0.1	30.5	24,844	2.48	38.2	8.9
	31.0	32.0	5,219	10,380	1,113	3,079	208	34.7	62.2	5.2	14.7	1.6	2.5	0.2	1.0	0.2	35.6	20,157	2.02	51.5	9.3
	32.0	33.0	5,313	10,564	1,121	3,091	199	31.2	52.6	3.6	10.2	1.1	1.8	0.2	0.9	0.2	25.4	20,416	2.04	26.0	6.3
	33.0	34.0	6,216	12,284	1,299	3,837	232	36.1	60.6	4.5	12.4	1.3	2.1	0.2	1.0	0.1	30.5	24,017	2.40	36.0	5.9
	34.0	35.0	4,644	9,225	1,004	2,799	191	30.5	52.8	3.6	10.6	1.1	2.1	0.2	1.0	0.2	25.4	17,991	1.80	30.5	6.8
	35.0	36.0	7,740	14,618	1,504	4,467	274	43.0	68.5	4.6	11.5	1.2	2.1	0.2	0.8	0.1	26.7	28,762	2.88	37.2	8.0
	36.0	37.0	7,553	15,539	1,643	4,969	306	49.6	85.3	6.1	16.5	1.6	2.4	0.2	1.0	0.1	35.6	30,209	3.02	62.7	4.4
	37.0	38.0	4,679	9,508	1,006	2,788	177	28.1	47.1	3.5	9.9	1.0	1.9	0.2	1.0	0.2	25.4	18,277	1.83	32.5	13.2

LINDIAN
RESOURCES LTD.

Hole ID	From m	To m	La_2O_3 ppm	CeO_2 ppm	Pr_2O_3 ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	TREO %	Th ppm	U ppm
	38.0	39.0	4,351	8,673	922	2,496	168	28.1	51.8	4.0	12.2	1.4	2.2	0.2	1.1	0.1	33.0	16,743	1.67	42.8	8.5
	39.0	40.0	7,647	14,986	1,528	4,386	240	38.7	65.7	4.9	13.8	1.6	2.6	0.2	1.3	0.2	36.8	28,953	2.90	43.2	6.7
	40.0	41.0	8,210	15,969	1,637	4,701	261	41.5	71.6	5.4	15.2	1.7	2.6	0.2	1.0	0.1	39.4	30,956	3.10	55.9	1.6
	41.0	42.0	17,944	29,604	2,658	6,987	362	60.2	88.4	4.7	21.4	2.3	3.5	0.3	0.9	0.2	49.5	57,786	5.78	75.6	1.8
	42.0	43.0	9,347	16,645	1,595	4,351	235	38.7	65.9	5.4	19.3	2.7	6.1	0.7	3.9	0.5	76.2	32,392	3.24	48.3	13.2
	43.0	44.0	4,292	8,378	882	2,414	152	25.1	42.0	3.3	9.8	1.1	1.9	0.2	1.1	0.2	26.7	16,230	1.62	37.6	13.4
	44.0	45.0	7,049	13,512	1,377	3,942	217	34.4	56.5	4.3	11.9	1.4	1.9	0.2	0.9	0.1	30.5	26,240	2.62	35.7	5.6
	45.0	46.0	9,805	19,777	2,120	6,602	482	81.4	140.0	10.3	31.0	3.2	4.9	0.4	2.2	0.3	80.0	39,140	3.91	104.0	3.7
	46.0	47.0	5,852	12,653	1,408	4,467	317	52.8	93.4	7.4	24.6	3.0	5.8	0.6	3.4	0.6	88.9	24,977	2.50	69.3	4.6
	47.0	48.0	5,360	10,798	1,139	3,324	216	35.4	61.2	4.6	13.4	1.5	2.5	0.2	1.5	0.2	34.3	20,992	2.10	41.1	11.3
	48.0	49.0	6,298	11,940	1,208	3,441	209	36.7	70.4	6.4	19.7	2.2	3.4	0.3	1.7	0.3	53.3	23,290	2.33	78.3	3.7
	49.0	50.0	5,207	11,535	1,317	4,176	310	53.0	93.6	7.2	23.8	3.0	5.3	0.6	3.5	0.5	85.1	22,820	2.28	70.3	2.3
	50.0	51.0	5,348	12,186	1,426	4,619	346	59.4	108.8	8.7	28.7	3.3	5.6	0.6	3.6	0.5	92.7	24,236	2.42	87.7	2.8
	51.0	52.0	6,802	14,249	1,583	4,946	335	55.1	94.1	6.8	19.5	2.1	3.2	0.3	1.5	0.2	45.7	28,143	2.81	64.9	10.7
	52.0	53.0	4,879	9,864	1,067	3,021	218	37.5	70.5	5.8	17.8	2.0	2.7	0.3	1.1	0.2	43.2	19,230	1.92	81.6	26.0
	53.0	54.0	6,403	13,267	1,438	4,432	292	50.0	90.6	6.8	19.1	1.9	2.9	0.2	1.0	0.2	41.9	26,047	2.60	90.8	8.0
	54.0	55.0	5,629	11,264	1,186	3,406	204	33.4	56.9	4.4	13.5	1.5	2.4	0.2	1.1	0.2	34.3	21,838	2.18	46.6	8.9
	55.0	56.0	6,251	12,775	1,371	4,047	242	37.2	60.9	4.3	12.1	1.3	2.2	0.2	1.1	0.1	29.2	24,836	2.48	47.5	22.1
	56.0	57.0	8,104	16,276	1,685	4,992	295	44.9	72.7	5.2	14.1	1.5	2.4	0.2	1.0	0.2	33.0	31,528	3.15	48.8	10.6
	57.0	58.0	8,163	16,031	1,655	4,946	282	42.6	66.4	4.2	12.1	1.2	1.9	0.2	0.9	0.1	27.9	31,233	3.12	37.5	6.8
	58.0	59.0	5,946	12,714	1,365	4,117	240	37.6	64.6	4.8	13.8	1.4	2.2	0.2	1.0	0.1	31.8	24,540	2.45	48.0	7.4
	59.0	60.0	4,398	9,078	967	2,671	159	24.2	40.3	2.9	7.6	0.9	1.6	0.2	0.8	0.2	20.3	17,372	1.74	21.5	8.2
	60.0	61.0	4,937	9,987	1,090	3,021	175	26.5	43.6	3.3	9.5	1.0	1.8	0.2	0.9	0.2	24.1	19,321	1.93	23.9	10.4
	61.0	62.0	4,163	8,464	907	2,566	157	23.6	40.3	3.0	9.3	0.9	1.6	0.2	0.9	0.1	20.3	16,357	1.64	26.8	11.8
	62.0	63.0	3,307	6,498	697	2,006	136	22.5	42.8	3.9	12.9	1.3	2.1	0.2	0.9	0.1	29.2	12,760	1.28	47.7	12.2
	63.0	64.0	5,712	11,510	1,250	3,628	226	35.8	66.6	5.7	17.0	1.5	2.3	0.2	0.8	0.1	33.0	22,489	2.25	67.5	3.3
	64.0	65.0	5,536	11,129	1,199	3,616	217	33.4	56.7	4.2	12.9	1.2	1.8	0.2	0.9	0.1	27.9	21,835	2.18	38.5	4.4
	65.0	66.0	8,737	16,399	1,704	5,132	286	42.0	67.5	4.7	13.5	1.3	2.2	0.2	0.7	0.1	26.7	32,418	3.24	39.2	4.6
	66.0	67.0	5,395	10,650	1,142	3,219	201	30.5	53.4	4.1	13.5	1.5	2.9	0.3	1.6	0.2	38.1	20,753	2.08	35.9	5.7
	67.0	68.0	4,386	8,820	977	2,776	179	27.3	47.3	3.7	11.7	1.1	1.7	0.2	0.9	0.1	25.4	17,258	1.73	34.5	5.6
	68.0	69.0	6,228	12,653	1,365	4,141	239	37.4	64.2	5.2	14.9	1.5	2.4	0.2	0.9	0.2	33.0	24,785	2.48	55.9	3.7
	69.0	70.0	6,744	13,267	1,438	4,362	255	39.4	66.4	4.9	14.5	1.4	2.3	0.2	0.9	0.1	30.5	26,226	2.62	54.5	4.5
	70.0	71.0	7,224	14,249	1,534	4,677	267	39.6	65.4	5.0	14.7	1.5	2.3	0.3	1.1	0.2	31.8	28,114	2.81	45.0	5.1
	71.0	72.0	8,163	16,153	1,722	5,167	296	45.4	75.5	5.9	17.2	1.7	2.7	0.2	1.3	0.1	38.1	31,689	3.17	59.5	4.4
	72.0	73.0	5,970	11,989	1,293	4,012	238	36.1	60.6	4.4	13.2	1.3	1.9	0.2	0.9	0.1	27.9	23,648	2.36	44.0	4.4
	73.0	74.0	4,949	10,147	1,127	3,336	210	32.1	53.0	3.9	11.0	1.2	2.1	0.2	0.9	0.1	26.7	19,900	1.99	33.7	5.8
	74.0	75.0	8,315	16,153	1,691	5,214	304	45.0	73.5	5.3	15.7	1.5	2.5	0.2	0.9	0.1	33.0	31,856	3.19	49.6	4.1
	75.0	76.0	8,163	17,320	1,963	6,485	441	67.9	110.4	7.2	18.6	1.8	2.9	0.2	1.1	0.2	36.8	34,619	3.46	71.3	4.9
	76.0	77.0	7,142	14,434	1,571	4,817	296	44.2	73.9	5.3	15.8	1.8	3.7	0.4	2.2	0.3	50.8	28,458	2.85	49.0	5.4
	77.0	78.0	4,656	9,594	1,064	3,149	208	32.2	55.0	4.0	12.1	1.3	2.4	0.3	1.4	0.2	31.8	18,812	1.88	38.9	6.4
	78.0	79.0	3,225	6,719	756	2,222	159	26.5	51.2	4.5	13.5	1.4	2.5	0.2	1.5	0.2	33.0	13,216	1.32	49.5	9.4

Hole ID	From m	To m	La_2O_3 ppm	CeO_2 ppm	Pr_2O_3 ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	TREO %	Th ppm	U ppm
	79.0	80.0	4,363	8,808	964	2,799	181	27.4	48.8	3.4	10.2	1.1	2.1	0.2	1.1	0.2	26.7	17,237	1.72	31.3	10.2
	80.0	81.0	7,987	15,539	1,649	4,969	285	43.0	69.9	5.1	15.8	1.7	2.7	0.2	1.5	0.2	40.6	30,610	3.06	42.4	7.4
	81.0	82.0	6,849	13,942	1,504	4,654	297	49.1	89.9	7.5	25.6	2.8	5.3	0.5	2.5	0.3	78.7	27,509	2.75	87.9	6.7
	82.0	83.0	11,505	22,725	2,410	7,582	472	69.5	110.8	7.1	20.2	2.2	4.5	0.5	3.0	0.4	59.7	44,972	4.50	65.8	4.1
	83.0	84.0	7,717	16,768	1,915	6,135	395	62.2	106.5	7.5	22.7	2.4	4.8	0.5	2.9	0.4	69.8	33,210	3.32	79.5	2.8
	84.0	85.0	6,415	14,127	1,649	5,529	409	66.6	113.3	7.9	23.4	2.4	4.5	0.5	2.3	0.3	66.0	28,416	2.84	80.2	2.4
	85.0	86.0	4,855	10,073	1,154	3,628	268	43.2	73.0	5.3	16.8	1.7	3.2	0.3	1.8	0.3	44.5	20,167	2.02	45.0	2.8
	86.0	87.0	4,914	9,815	1,078	3,138	202	30.3	48.9	3.4	9.9	1.1	1.7	0.2	0.9	0.1	22.9	19,266	1.93	25.5	4.8
	87.0	88.0	5,641	11,473	1,269	3,931	241	37.9	63.4	4.9	16.0	1.7	3.1	0.3	1.4	0.2	43.2	22,727	2.27	52.7	4.9
	88.0	89.0	4,879	9,975	1,115	3,208	203	29.4	46.9	3.2	8.5	0.9	1.5	0.1	0.9	0.1	20.3	19,491	1.95	21.7	4.9
	89.0	90.0	2,281	4,656	491	1,580	114	18.8	35.4	3.5	10.9	1.1	1.8	0.2	1.0	0.1	25.4	9,220	0.92	34.5	8.5
	90.0	91.0	8,503	17,198	1,710	5,307	314	50.1	80.6	5.7	17.2	1.7	2.7	0.3	1.5	0.2	40.6	33,232	3.32	54.0	6.0
	91.0	92.0	17,123	32,798	3,105	9,623	615	100.0	160.2	11.5	33.1	3.5	6.2	0.7	4.1	0.6	94.0	63,677	6.37	99.6	3.0
	92.0	93.0	6,063	12,960	1,371	4,502	308	50.8	82.4	6.3	18.1	1.7	2.7	0.3	1.6	0.3	39.4	25,409	2.54	78.8	4.8
	93.0	94.0	5,020	10,454	1,078	3,184	208	33.2	53.7	4.2	12.6	1.3	2.2	0.2	1.5	0.2	31.8	20,084	2.01	37.2	6.2
	94.0	95.0	11,564	24,507	2,489	7,827	474	71.0	104.0	6.5	17.5	1.7	3.1	0.2	1.5	0.2	38.1	47,104	4.71	57.2	4.2
	95.0	96.0	6,228	12,837	1,299	4,012	234	36.6	55.3	3.7	10.6	1.1	2.1	0.2	1.0	0.1	25.4	24,746	2.47	28.0	5.4
	96.0	97.0	5,008	10,147	1,000	2,951	183	28.4	43.5	3.2	9.0	1.0	1.7	0.2	0.9	0.1	21.6	19,398	1.94	24.1	6.5
	97.0	98.0	3,835	7,862	794	2,286	144	22.5	36.5	2.9	8.7	0.9	1.7	0.2	0.9	0.1	24.1	15,020	1.50	29.3	14.2
	98.0	99.0	5,067	10,306	1,025	2,939	173	27.8	46.5	4.1	13.4	1.5	2.5	0.3	1.4	0.2	36.8	19,644	1.96	34.0	5.1
	99.0	100.0	7,611	15,601	1,534	4,771	276	44.2	73.5	6.3	21.6	2.4	4.5	0.5	2.9	0.4	71.1	30,020	3.00	63.4	8.2
	100.0	101.0	11,493	23,033	2,205	6,718	408	69.1	119.9	10.6	40.7	4.9	10.0	1.1	5.6	0.8	157.5	44,278	4.43	110.0	4.3
	101.0	102.0	8,491	16,829	1,643	4,969	284	46.1	75.0	6.6	24.3	3.0	6.4	0.7	4.2	0.6	95.2	32,478	3.25	65.8	4.0
	102.0	103.0	7,541	14,802	1,432	4,397	255	40.6	67.3	5.4	18.6	2.1	4.2	0.5	2.6	0.4	62.2	28,631	2.86	54.2	3.5
	103.0	104.0	6,662	13,205	1,293	3,919	222	34.9	54.5	3.9	12.2	1.3	2.6	0.2	1.7	0.2	35.6	25,448	2.54	38.7	6.4
	104.0	105.0	6,615	13,635	1,365	4,211	242	37.3	57.5	4.1	12.3	1.3	2.2	0.2	1.3	0.2	31.8	26,216	2.62	36.6	7.2
	105.0	106.0	7,823	15,846	1,553	4,852	273	41.9	66.6	5.0	15.6	1.6	2.6	0.2	1.3	0.2	38.1	30,519	3.05	48.9	6.0
	106.0	107.0	7,400	14,986	1,456	4,491	245	36.4	55.3	3.5	10.8	1.2	2.1	0.2	1.0	0.2	29.2	28,718	2.87	33.4	9.3
	107.0	108.0	7,131	14,557	1,438	4,444	255	40.5	64.6	5.0	15.8	1.6	2.9	0.3	1.4	0.2	41.9	27,998	2.80	46.0	4.9
	108.0	109.0	7,365	14,986	1,486	4,491	257	40.3	67.4	5.7	19.7	2.0	3.3	0.3	1.4	0.2	52.1	28,778	2.88	54.9	4.2
	109.0	110.0	10,543	20,944	1,975	5,925	314	48.3	76.3	5.7	18.5	2.0	3.4	0.3	1.6	0.2	49.5	39,908	3.99	46.3	3.4
	110.0	111.0	9,465	19,163	1,836	5,657	312	46.9	72.7	5.1	16.1	1.7	3.0	0.3	1.4	0.2	41.9	36,622	3.66	45.1	7.1
	111.0	112.0	7,858	16,031	1,583	4,852	271	41.7	61.8	4.5	13.4	1.4	2.2	0.2	1.0	0.1	30.5	30,751	3.08	36.2	8.9
	112.0	113.0	4,808	9,754	957	2,718	179	30.0	52.8	4.5	14.7	1.7	3.1	0.3	1.6	0.2	47.0	18,571	1.86	48.3	5.5
	113.0	114.0	6,321	12,468	1,214	3,639	201	32.5	53.9	5.1	19.5	2.3	5.2	0.5	3.2	0.5	73.7	24,041	2.40	52.5	4.0
	114.0	115.0	6,099	12,407	1,220	3,732	202	30.7	46.6	3.4	11.0	1.2	2.1	0.2	1.3	0.2	31.8	23,788	2.38	30.7	9.7
	115.0	116.0	5,946	12,345	1,232	3,697	201	30.8	46.6	3.3	9.9	1.0	1.7	0.1	0.9	0.1	22.9	23,539	2.35	29.0	7.4
	116.0	117.0	8,714	17,873	1,776	5,482	295	43.1	60.5	3.6	10.1	1.0	1.7	0.2	0.7	0.1	22.9	34,284	3.43	27.5	9.2
	117.0	118.0	6,791	14,249	1,456	4,502	252	37.4	55.4	3.7	11.0	1.1	2.1	0.2	0.9	0.2	25.4	27,387	2.74	30.1	6.8
	118.0	119.0	5,266	10,834	1,083	3,184	194	29.6	45.4	3.1	10.3	1.1	2.3	0.2	1.1	0.2	29.2	20,683	2.07	21.5	6.3
	119.0	120.0	4,785	9,864	1,009	3,184	239	37.5	63.1	4.5	15.0	1.7	2.7	0.3	1.7	0.2	41.9	19,250	1.92	58.2	4.3

Hole ID	From m	To m	La_2O_3 ppm	CeO_2 ppm	Pr_2O_3 ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	TREO %	Th ppm	U ppm
	120.0	121.0	6,251	11,965	1,126	3,324	212	31.8	56.3	4.4	15.3	1.8	3.1	0.3	1.6	0.2	47.0	23,040	2.30	51.8	6.1
	121.0	122.0	5,536	10,269	925	2,624	156	23.4	39.5	2.9	11.3	1.3	2.7	0.2	1.3	0.1	36.8	19,630	1.96	31.4	4.6
	122.0	123.0	9,617	18,303	1,710	5,062	366	61.5	110.5	8.7	30.4	3.5	6.1	0.5	3.0	0.4	97.8	35,381	3.54	113.0	2.6
	123.0	124.0	11,388	22,173	2,132	6,392	443	68.6	115.0	8.2	26.1	2.7	5.0	0.5	2.9	0.3	80.0	42,837	4.28	108.5	4.9
	124.0	125.0	6,239	12,468	1,188	3,558	228	34.4	56.3	4.3	15.4	1.8	3.1	0.3	1.9	0.2	50.8	23,850	2.38	51.1	7.1
	125.0	126.0	8,913	17,320	1,631	4,701	295	43.9	72.7	5.6	18.6	2.2	3.5	0.3	1.9	0.2	57.2	33,066	3.31	66.3	4.1
	126.0	127.0	5,090	9,741	916	2,694	175	26.6	45.4	3.7	14.0	1.7	3.1	0.3	2.1	0.2	47.0	18,760	1.88	43.8	8.9
	127.0	128.0	7,037	13,205	1,220	3,523	222	34.3	59.2	4.8	16.3	1.8	2.7	0.3	1.5	0.2	48.3	25,376	2.54	61.9	5.0
	128.0	129.0	4,750	9,053	863	2,566	166	24.4	39.3	3.1	11.5	1.4	2.7	0.3	1.6	0.2	38.1	17,520	1.75	34.3	9.0
	129.0	130.0	4,093	8,107	764	2,269	142	22.0	36.7	2.9	10.8	1.2	2.2	0.2	1.5	0.1	31.8	15,484	1.55	33.0	12.0
	130.0	131.0	7,060	13,144	1,206	3,488	219	33.9	56.4	4.6	14.5	1.7	2.5	0.2	1.1	0.2	36.8	25,268	2.53	51.4	8.9
	131.0	132.0	9,042	17,136	1,625	4,782	308	44.9	76.4	5.6	18.9	2.1	3.4	0.4	1.9	0.2	57.2	33,105	3.31	50.0	6.7
	132.0	133.0	6,228	11,805	1,120	3,278	218	33.7	58.2	4.8	16.1	1.8	3.1	0.3	1.7	0.2	49.5	22,817	2.28	51.7	7.7
	133.0	134.0	4,269	8,464	797	2,391	164	27.1	51.5	4.4	14.2	1.4	2.2	0.2	1.3	0.2	36.8	16,224	1.62	61.8	4.4
	134.0	135.0	6,192	11,350	1,028	2,916	195	31.8	59.9	5.2	17.5	1.9	3.0	0.3	1.4	0.2	45.7	21,849	2.18	60.4	2.6
	135.0	136.0	6,966	13,082	1,220	3,523	233	40.2	70.5	5.8	18.9	2.1	3.5	0.3	1.6	0.2	53.3	25,221	2.52	75.9	6.8
	136.0	137.0	10,133	17,628	1,540	4,257	263	44.8	83.3	7.0	22.7	2.4	3.8	0.4	1.7	0.3	61.0	34,049	3.40	103.0	6.6
	137.0	138.0	4,621	9,324	907	2,776	207	33.7	59.1	4.4	14.0	1.4	2.5	0.2	1.1	0.2	39.4	17,991	1.80	59.2	8.7
	138.0	139.0	5,325	11,498	1,188	3,756	311	51.0	87.4	6.0	18.7	1.9	3.2	0.3	1.4	0.2	48.3	22,295	2.23	83.5	3.9
	139.0	140.0	6,861	11,780	1,069	3,068	227	39.7	77.2	7.1	24.2	2.6	4.0	0.4	2.1	0.3	68.6	23,232	2.32	121.5	9.2
	140.0	141.0	8,092	16,706	1,643	5,109	391	65.9	114.1	8.5	26.9	2.8	4.2	0.3	1.6	0.2	67.3	32,233	3.22	107.0	4.1
	141.0	142.0	6,955	14,188	1,432	4,479	311	48.4	84.0	6.0	20.2	2.2	3.8	0.3	1.8	0.2	54.6	27,586	2.76	77.3	7.9
	142.0	143.0	10,649	21,927	2,199	6,847	511	83.6	142.9	9.8	29.3	2.9	4.6	0.3	1.6	0.1	67.3	42,475	4.25	112.0	4.8
	143.0	144.0	7,142	15,232	1,577	4,992	400	67.0	116.4	8.2	24.9	2.5	3.5	0.3	1.6	0.3	58.4	29,627	2.96	113.0	6.8
	144.0	145.0	7,119	13,267	1,232	3,593	248	40.3	73.5	6.2	20.9	2.3	3.8	0.3	1.6	0.2	58.4	25,666	2.57	73.9	3.2
	145.0	146.0	5,712	11,387	1,093	3,313	235	38.0	66.7	5.1	16.3	1.7	2.7	0.3	1.6	0.1	41.9	21,915	2.19	70.3	14.8
	146.0	147.0	4,715	8,980	843	2,484	167	26.5	46.1	3.5	12.5	1.5	2.3	0.2	1.5	0.1	35.6	17,319	1.73	45.5	10.2
	147.0	148.0	3,694	7,678	745	2,251	142	23.0	37.9	2.7	9.2	1.1	1.6	0.1	0.9	0.1	24.1	14,611	1.46	39.0	18.0
	148.0	149.0	3,917	8,943	911	2,893	209	33.4	56.4	4.3	15.4	1.7	2.7	0.3	1.6	0.2	41.9	17,031	1.70	56.0	11.1
	149.0	150.0	4,339	9,324	953	2,799	171	27.6	47.5	3.6	11.7	1.4	2.4	0.3	1.4	0.2	33.0	17,716	1.77	32.2	10.0
	150.0	151.0	2,709	5,773	591	1,668	109	18.1	31.5	2.2	6.8	0.8	1.4	0.2	0.9	0.1	19.1	10,931	1.09	27.3	15.6
	151.0	152.0	2,463	5,344	557	1,610	108	17.8	30.8	2.2	6.5	0.8	1.5	0.2	0.8	0.1	17.8	10,159	1.02	27.7	18.2
	152.0	153.0	2,662	5,786	602	1,744	116	18.9	33.0	2.4	6.9	0.9	1.4	0.1	0.8	0.1	19.1	10,993	1.10	24.7	14.6
	153.0	154.0	3,249	6,977	725	2,018	128	20.8	37.6	2.7	8.0	0.9	1.5	0.2	0.9	0.1	20.3	13,190	1.32	28.7	13.6
	154.0	155.0	3,401	7,420	772	2,205	150	24.6	44.0	3.3	11.1	1.3	2.3	0.3	1.4	0.2	33.0	14,068	1.41	38.8	11.8
	155.0	156.0	3,694	7,862	826	2,368	142	24.9	43.9	5.0	20.2	2.5	4.8	0.5	2.9	0.4	66.0	15,063	1.51	42.1	15.3
	156.0	157.0	2,047	4,521	462	1,359	92	15.9	28.9	2.4	7.9	1.0	1.8	0.2	1.4	0.2	25.4	8,565	0.86	32.1	14.4
	157.0	158.0	2,463	5,417	569	1,691	127	22.5	43.8	3.6	13.5	1.7	3.4	0.4	2.2	0.3	44.5	10,403	1.04	26.3	11.0
	158.0	159.0	2,592	5,712	590	1,650	104	16.4	28.0	2.1	6.1	0.8	1.5	0.2	0.9	0.1	17.8	10,722	1.07	22.8	18.0
	159.0	160.0	2,510	5,552	580	1,645	104	16.9	28.5	2.0	6.4	0.8	1.6	0.2	1.0	0.2	20.3	10,468	1.05	23.0	14.3
	160.0	161.0	2,580	5,577	588	1,598	107	18.1	31.4	2.3	6.9	0.8	1.5	0.2	0.9	0.2	20.3	10,533	1.05	26.2	17.8

Hole ID	From m	To m	La_2O_3 ppm	CeO_2 ppm	Pr_2O_3 ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	TREO %	Th ppm	U ppm
	161.0	162.0	12,432	24,384	2,314	6,532	371	58.7	97.3	6.5	17.2	1.7	2.7	0.2	1.1	0.2	35.6	46,253	4.63	56.8	6.9
	162.0	163.0	8,479	17,320	1,685	4,806	274	45.0	79.5	6.0	16.6	1.7	2.4	0.2	0.9	0.1	35.6	32,752	3.28	66.5	2.6
	163.0	164.0	5,336	11,363	1,137	3,301	188	29.1	47.7	3.4	9.8	1.1	1.7	0.2	0.7	0.1	24.1	21,443	2.14	27.5	5.4
	164.0	165.0	8,479	17,996	1,806	5,295	310	49.4	79.6	5.4	15.4	1.6	2.5	0.2	1.0	0.2	33.0	34,075	3.41	46.4	6.0
	165.0	166.0	2,639	6,007	650	1,971	148	24.6	43.1	3.3	9.8	1.1	1.9	0.2	1.0	0.2	24.1	11,524	1.15	41.6	11.6
	166.0	167.0	6,239	13,512	1,395	4,117	241	37.1	58.9	3.9	11.5	1.2	2.1	0.2	0.9	0.1	25.4	25,647	2.56	32.5	9.1
	167.0	168.0	2,697	6,081	668	2,012	151	25.9	47.3	3.2	11.0	1.3	2.4	0.2	1.1	0.2	30.5	11,732	1.17	25.7	15.0
	168.0	169.0	2,639	6,081	683	2,053	155	27.7	50.4	3.9	12.2	1.6	3.0	0.3	1.7	0.2	35.6	11,746	1.17	25.9	15.3
	169.0	170.0	1,888	4,189	439	1,341	107	20.4	41.7	3.6	13.4	1.7	3.3	0.4	1.7	0.2	43.2	8,093	0.81	29.5	17.8
	170.0	171.0	3,296	7,579	835	2,519	176	30.0	53.5	3.8	11.9	1.5	2.7	0.3	1.4	0.2	33.0	14,544	1.45	28.2	16.4
	171.0	172.0	2,246	4,975	549	1,586	114	19.5	34.2	2.3	7.0	0.8	1.5	0.2	0.8	0.1	17.8	9,554	0.96	23.6	18.6
	172.0	173.0	5,196	10,429	1,037	2,963	195	33.7	56.7	3.9	11.9	1.3	2.5	0.2	1.4	0.2	30.5	19,961	2.00	30.0	7.4
	173.0	174.0	2,293	5,258	576	1,767	154	30.3	61.3	5.1	19.2	2.6	5.4	0.5	2.9	0.4	62.2	10,238	1.02	36.8	24.7
	174.0	175.0	2,088	4,717	522	1,633	151	29.9	63.2	5.5	22.2	3.0	6.1	0.6	3.3	0.4	77.5	9,322	0.93	28.0	20.2
	175.0	176.0	2,791	5,909	616	1,767	129	23.5	43.6	3.3	11.7	1.5	2.9	0.3	1.6	0.2	35.6	11,336	1.13	30.4	14.8
	176.0	177.0	2,451	5,270	567	1,639	117	20.2	37.1	2.7	8.7	1.0	1.9	0.2	1.1	0.2	24.1	10,140	1.01	32.4	15.2
	177.0	178.0	5,758	11,535	1,141	3,313	212	35.0	59.5	3.6	10.7	1.1	1.8	0.2	1.0	0.1	24.1	22,096	2.21	34.9	9.4
	178.0	179.0	5,723	11,203	1,124	3,126	214	36.2	64.7	4.5	12.3	1.4	2.2	0.2	1.0	0.2	29.2	21,542	2.15	42.3	11.0
	179.0	180.0	3,589	7,248	739	2,088	153	25.1	43.6	3.1	8.7	1.1	1.8	0.2	1.0	0.2	22.9	13,924	1.39	23.9	19.2
	180.0	181.0	2,651	5,982	661	1,965	158	26.6	46.7	3.4	10.1	1.2	2.2	0.2	1.1	0.2	29.2	11,538	1.15	32.5	17.2
	181.0	182.0	3,671	7,555	770	2,175	157	25.5	44.6	3.3	10.0	1.2	2.2	0.2	1.1	0.2	27.9	14,444	1.44	29.7	12.6
	182.0	183.0	1,906	4,238	452	1,382	105	17.6	30.9	2.3	7.4	0.9	1.7	0.2	1.3	0.2	21.6	8,167	0.82	25.5	13.7
	183.0	184.0	2,035	4,361	451	1,341	101	16.2	28.7	2.0	6.0	0.7	1.5	0.1	0.8	0.1	17.8	8,363	0.84	21.5	14.0
KGKRC004	0.0	1.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1.0	2.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2.0	3.0	9,429	18,979	1,903	5,657	387	62.9	105.8	7.6	22.4	2.5	3.9	0.4	1.9	0.3	57.2	36,620	3.66	59.8	9.6
	3.0	4.0	5,043	10,380	1,079	3,196	241	42.4	77.5	6.4	20.1	2.3	3.8	0.4	1.9	0.3	54.6	20,149	2.01	64.4	11.5
	4.0	5.0	5,336	10,405	1,039	2,974	205	33.5	57.4	4.5	13.4	1.6	2.7	0.3	1.5	0.2	38.1	20,112	2.01	33.4	10.8
	5.0	6.0	6,380	12,407	1,244	3,488	224	33.9	53.5	3.4	9.2	1.0	1.7	0.2	1.1	0.2	24.1	23,871	2.39	20.6	7.2
	6.0	7.0	5,219	10,159	1,017	2,881	184	27.2	44.6	2.9	8.7	1.0	1.8	0.2	1.0	0.2	24.1	19,572	1.96	20.3	11.3
	7.0	8.0	4,421	8,746	874	2,403	166	26.4	45.1	3.4	10.3	1.3	2.2	0.3	1.5	0.2	30.5	16,731	1.67	27.3	14.3
	8.0	9.0	5,137	10,515	1,079	3,114	190	26.9	41.0	2.5	7.2	0.8	1.6	0.2	0.9	0.1	17.8	20,134	2.01	16.0	7.6
	9.0	10.0	3,120	6,117	616	1,674	115	18.2	30.1	2.1	6.2	0.8	1.6	0.2	1.0	0.1	16.5	11,719	1.17	14.4	13.6
	10.0	11.0	8,479	17,628	1,770	5,330	372	60.6	109.0	8.9	26.9	3.1	5.2	0.5	2.9	0.4	71.1	33,868	3.39	80.6	9.5
	11.0	12.0	29,085	49,996	4,543	12,539	829	129.1	219.0	15.5	42.4	4.2	6.2	0.5	2.3	0.3	94.0	97,506	9.75	144.0	6.0
	12.0	13.0	18,765	31,324	2,767	7,535	506	91.5	164.8	12.9	36.2	3.7	5.3	0.5	2.1	0.3	76.2	61,290	6.13	109.5	3.2
	13.0	14.0	17,357	29,604	2,646	7,197	492	83.7	151.0	11.6	33.7	3.6	5.3	0.5	2.1	0.3	80.0	57,668	5.77	95.9	2.8
	14.0	15.0	14,250	23,831	2,114	5,762	378	64.7	117.0	9.0	27.9	3.1	4.6	0.4	2.1	0.3	68.6	46,632	4.66	63.4	2.0
	15.0	16.0	10,180	18,303	1,716	4,864	326	56.3	98.7	7.5	22.3	2.5	4.1	0.4	1.8	0.2	58.4	35,641	3.56	61.5	4.7
	16.0	17.0	5,758	12,530	1,341	4,164	297	44.2	73.2	4.7	12.5	1.3	2.2	0.2	1.1	0.2	29.2	24,259	2.43	38.7	5.9
	17.0	18.0	3,413	7,248	768	2,280	180	28.3	48.6	3.3	9.9	1.2	1.9	0.2	1.1	0.2	26.7	14,010	1.40	29.1	9.1

Hole ID	From m	To m	La_2O_3 ppm	CeO_2 ppm	Pr_2O_3 ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	TREO %	Th ppm	U ppm
	18.0	19.0	3,741	7,604	799	2,216	161	24.9	39.5	2.5	7.0	0.8	1.5	0.1	0.8	0.1	17.8	14,616	1.46	20.5	8.9
	19.0	20.0	5,231	10,798	1,125	3,301	221	34.2	52.1	3.4	9.1	0.9	1.7	0.2	0.9	0.1	21.6	20,800	2.08	26.5	8.4
	20.0	21.0	6,591	13,267	1,353	4,001	274	41.9	68.8	4.7	13.0	1.4	2.4	0.2	1.4	0.2	33.0	25,652	2.57	51.3	5.7
	21.0	22.0	18,941	34,395	3,214	9,063	609	93.8	158.5	10.6	28.6	3.0	4.4	0.4	1.7	0.2	67.3	66,590	6.66	73.2	3.0
	22.0	23.0	11,212	19,716	1,794	4,981	321	53.7	90.5	6.2	16.8	1.9	2.9	0.3	1.3	0.2	39.4	38,237	3.82	40.8	8.7
	23.0	24.0	9,488	18,917	1,891	5,575	383	60.1	99.2	6.7	17.7	1.8	3.1	0.3	1.5	0.2	41.9	36,487	3.65	60.8	6.1
	24.0	25.0	17,006	35,624	3,685	11,221	830	132.6	216.7	13.4	32.6	3.2	4.7	0.4	1.7	0.2	62.2	68,833	6.88	113.0	1.9
	25.0	26.0	15,188	27,148	2,561	7,127	486	83.3	140.0	9.5	24.3	2.4	3.7	0.3	1.4	0.2	50.8	52,825	5.28	72.2	7.0
	26.0	27.0	3,038	5,773	569	1,534	108	18.1	30.4	2.3	7.2	0.9	1.6	0.2	1.0	0.2	20.3	11,104	1.11	16.4	10.9
	27.0	28.0	6,650	11,264	1,025	2,974	192	31.5	56.4	4.3	13.3	1.5	2.6	0.2	1.4	0.2	34.3	22,251	2.23	27.7	13.6
	28.0	29.0	2,709	4,754	431	1,266	86	14.7	26.9	2.5	8.3	1.3	2.3	0.4	1.4	0.3	25.4	9,329	0.93	15.7	17.9
	29.0	30.0	1,765	3,182	300	930	75	13.9	29.7	2.9	12.2	1.9	4.0	0.5	2.6	0.3	49.5	6,368	0.64	14.2	11.2
	30.0	31.0	2,850	5,638	570	1,785	131	21.8	42.4	3.6	14.0	2.1	4.2	0.5	2.9	0.4	54.6	11,121	1.11	16.0	6.9
	31.0	32.0	7,869	15,785	1,577	5,086	346	56.3	98.4	7.4	24.9	3.0	5.4	0.6	3.0	0.4	71.1	30,933	3.09	47.1	11.0
	32.0	33.0	4,269	8,095	796	2,356	169	28.5	50.1	3.8	13.8	1.7	3.3	0.4	2.2	0.3	41.9	15,832	1.58	24.8	19.1
	33.0	34.0	5,313	10,466	1,044	3,301	210	33.4	55.1	3.7	12.1	1.5	2.9	0.4	1.9	0.3	34.3	20,479	2.05	20.2	18.3
	34.0	35.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	35.0	36.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	36.0	37.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	37.0	38.0	11,318	22,603	2,350	7,162	496	85.9	136.0	7.6	31.5	3.6	6.3	0.6	3.1	0.4	82.5	44,285	4.43	86.5	11.0
	38.0	39.0	4,398	8,513	853	2,578	180	30.8	53.5	3.9	13.0	1.6	3.1	0.4	1.9	0.3	36.8	16,667	1.67	22.2	20.2
	39.0	40.0	9,805	20,391	2,096	6,905	492	78.4	132.6	8.7	25.6	2.7	4.4	0.5	2.3	0.4	58.4	40,003	4.00	73.3	14.1
	40.0	41.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	41.0	42.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	42.0	43.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	43.0	44.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	44.0	45.0	14,367	24,261	2,181	6,462	415	68.6	119.9	8.7	25.8	2.8	4.6	0.5	2.3	0.3	66.0	47,985	4.80	47.2	8.8
	45.0	46.0	4,433	8,660	870	2,706	189	30.3	52.3	3.6	11.7	1.4	2.7	0.3	1.7	0.2	31.8	16,994	1.70	27.8	17.5
	46.0	47.0	6,333	11,952	1,184	3,814	284	50.3	93.8	7.4	24.3	2.8	5.0	0.6	3.0	0.4	66.0	23,821	2.38	62.1	14.6
	47.0	48.0	9,031	18,672	1,963	6,613	579	109.0	212.1	16.9	62.4	8.5	16.6	1.7	8.0	1.0	205.7	37,500	3.75	96.5	23.1
	48.0	49.0	6,931	13,942	1,438	4,724	350	58.4	106.2	7.5	23.0	2.7	4.8	0.5	2.7	0.4	61.0	27,653	2.77	43.8	19.4
	49.0	50.0	7,271	13,512	1,299	4,059	289	49.6	89.3	6.7	22.0	2.6	4.9	0.5	3.0	0.4	61.0	26,670	2.67	43.1	19.4
	50.0	51.0	5,242	10,638	1,093	3,534	256	42.7	73.1	4.8	14.9	1.8	3.2	0.4	1.9	0.3	39.4	20,947	2.09	32.9	23.2
	51.0	52.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	52.0	53.0	7,072	13,820	1,395	4,397	295	46.6	78.2	5.2	16.3	1.8	3.4	0.4	1.9	0.3	41.9	27,175	2.72	33.0	19.4
	53.0	54.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	54.0	55.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	55.0	56.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	56.0	57.0	17,123	29,973	2,767	8,480	550	88.7	153.3	11.1	33.2	3.7	6.3	0.6	3.3	0.5	81.3	59,274	5.93	72.3	14.5
	57.0	58.0	8,902	17,382	1,734	5,494	372	59.8	102.0	7.3	24.6	2.8	5.3	0.5	3.1	0.4	64.8	34,154	3.42	51.5	17.1
	58.0	59.0	12,725	23,954	2,320	7,372	511	81.8	139.5	9.9	29.4	3.3	5.6	0.6	3.0	0.4	76.2	47,231	4.72	79.2	16.0

Hole ID	From m	To m	La_2O_3 ppm	CeO_2 ppm	Pr_2O_3 ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	TREO %	Th ppm	U ppm
	59.0	60.0	10,239	19,839	1,945	6,264	439	72.1	122.8	8.6	26.1	2.9	4.8	0.5	2.7	0.4	64.8	39,031	3.90	74.4	18.6
	60.0	61.0	12,080	22,664	2,163	6,800	443	72.8	123.9	8.9	27.3	3.2	5.8	0.6	3.3	0.4	72.4	44,468	4.45	59.9	20.6
	61.0	62.0	8,139	15,539	1,510	4,806	327	53.7	93.4	6.5	20.3	2.3	4.0	0.4	2.7	0.4	52.1	30,557	3.06	42.2	18.2
	62.0	63.0	6,826	13,082	1,275	4,047	275	44.7	80.3	5.7	17.5	2.0	3.5	0.4	2.2	0.3	45.7	25,707	2.57	34.3	18.0
	63.0	64.0	6,873	13,512	1,329	4,246	293	49.9	89.8	6.6	21.0	2.5	4.6	0.5	2.6	0.4	58.4	26,489	2.65	40.2	17.5
	64.0	65.0	8,679	17,382	1,758	5,727	402	65.7	110.1	7.4	22.3	2.5	4.5	0.5	2.6	0.4	55.9	34,220	3.42	57.3	20.5
	65.0	66.0	8,702	17,996	1,861	6,170	431	68.9	114.0	7.7	22.3	2.5	4.4	0.5	2.3	0.4	54.6	35,438	3.54	60.0	18.3
	66.0	67.0	6,427	12,775	1,293	4,152	296	50.4	86.0	5.9	18.7	2.3	4.2	0.5	2.5	0.4	52.1	25,166	2.52	46.8	20.9
	67.0	68.0	6,697	13,082	1,402	4,187	314	55.4	95.3	6.9	21.1	2.6	4.6	0.5	2.5	0.4	53.3	25,925	2.59	45.1	18.9
	68.0	69.0	13,253	28,622	2,960	9,390	664	111.4	167.1	7.8	31.6	3.6	6.1	0.6	3.0	0.4	76.2	55,296	5.53	88.4	11.0
	69.0	70.0	9,769	20,760	2,169	6,753	445	71.2	104.2	4.9	20.4	2.3	4.2	0.4	2.1	0.4	49.5	40,156	4.02	56.8	16.4
	70.0	71.0	8,057	17,320	1,861	5,692	390	63.3	91.4	4.5	17.9	2.1	3.7	0.4	1.9	0.3	41.9	33,547	3.35	47.8	11.0
	71.0	72.0	9,101	18,549	1,897	5,552	343	53.3	77.8	3.1	14.0	1.6	2.7	0.3	1.4	0.2	33.0	35,629	3.56	35.5	12.4
	72.0	73.0	12,138	21,497	2,314	6,439	431	72.3	119.3	8.1	23.2	2.5	4.2	0.4	2.2	0.3	50.8	43,102	4.31	65.2	14.0
	73.0	74.0	7,447	14,004	1,402	3,989	257	42.5	70.7	5.0	14.0	1.6	2.9	0.3	1.4	0.2	33.0	27,270	2.73	36.0	12.9
	74.0	75.0	5,371	10,650	1,156	3,488	285	54.8	107.9	9.4	33.3	4.4	8.5	0.9	4.1	0.6	102.9	21,277	2.13	41.6	15.4
	75.0	76.0	5,817	11,031	1,136	3,278	233	42.4	77.7	6.7	24.7	3.4	7.6	0.8	4.4	0.7	86.4	21,749	2.17	38.1	11.4
	76.0	77.0	3,730	7,616	824	2,426	208	39.4	73.8	6.4	23.4	3.2	6.5	0.7	4.0	0.6	81.3	15,042	1.50	40.9	12.2
	77.0	78.0	6,063	12,038	1,293	4,012	313	56.3	105.9	9.1	26.5	2.7	4.4	0.4	2.3	0.3	61.0	23,989	2.40	108.0	13.0
	78.0	79.0	5,606	11,252	1,197	3,569	245	39.3	62.7	4.2	11.7	1.4	2.5	0.2	1.4	0.2	27.9	22,021	2.20	30.1	10.8
	79.0	80.0	5,348	10,650	1,121	3,324	230	38.9	65.2	4.8	14.0	1.6	2.5	0.3	1.4	0.2	33.0	20,836	2.08	36.7	11.0
	80.0	81.0	6,028	11,915	1,263	3,744	261	42.4	71.2	5.2	15.2	1.7	2.9	0.3	1.6	0.2	34.3	23,386	2.34	48.0	13.3
	81.0	82.0	6,662	13,267	1,402	4,152	295	49.4	83.7	6.3	17.7	2.0	3.8	0.4	1.9	0.3	43.2	25,985	2.60	52.7	16.2
	82.0	83.0	6,837	13,574	1,444	4,362	315	52.3	88.6	6.3	17.7	2.1	3.7	0.4	1.9	0.3	44.5	26,750	2.68	55.7	12.8
	83.0	84.0	14,132	28,253	2,960	8,748	613	100.4	164.3	11.3	32.4	3.2	4.9	0.5	2.1	0.3	64.8	55,091	5.51	119.5	12.6
	84.0	85.0	12,725	25,182	2,586	7,710	524	84.0	136.6	9.4	25.8	2.8	4.4	0.5	2.2	0.3	55.9	49,048	4.90	81.1	13.0
	85.0	86.0	10,098	20,023	2,090	6,252	442	73.3	123.3	8.8	25.1	2.7	4.4	0.4	2.1	0.3	55.9	39,201	3.92	84.0	9.8
	86.0	87.0	12,608	24,691	2,561	7,547	515	83.7	138.9	9.9	26.7	2.9	4.6	0.4	2.2	0.3	57.2	48,248	4.82	86.2	8.7
	87.0	88.0	12,842	24,568	2,513	7,278	489	77.1	126.8	8.8	25.1	2.6	4.6	0.4	2.2	0.3	57.2	47,996	4.80	74.8	11.0
	88.0	89.0	13,956	25,182	2,477	7,022	463	76.1	129.7	9.5	28.4	3.0	4.7	0.4	1.9	0.3	61.0	49,415	4.94	79.5	17.0
	89.0	90.0	11,095	22,050	2,271	6,730	449	72.4	117.6	8.0	23.2	2.5	3.9	0.4	1.9	0.3	50.8	42,876	4.29	69.2	13.0
	90.0	91.0	7,611	15,048	1,565	4,654	319	54.8	95.8	7.8	25.9	3.3	5.8	0.6	3.1	0.4	74.9	29,469	2.95	60.9	12.4
	91.0	92.0	12,959	24,077	2,392	6,835	463	79.8	138.3	10.6	31.0	3.4	5.5	0.5	2.5	0.3	72.4	47,070	4.71	89.5	7.6
	92.0	93.0	8,257	15,171	1,553	4,421	296	51.2	90.8	7.6	23.8	2.8	4.8	0.4	2.1	0.3	61.0	29,941	2.99	60.8	6.9
	93.0	94.0	12,959	22,050	2,078	5,715	356	58.0	98.3	7.9	24.9	2.9	4.8	0.4	1.9	0.3	66.0	43,424	4.34	59.9	6.3
	94.0	95.0	7,658	14,311	1,438	4,187	271	45.6	77.9	6.0	18.8	2.3	4.0	0.5	1.9	0.3	50.8	28,074	2.81	49.9	10.9
	95.0	96.0	7,248	14,311	1,510	4,491	292	47.2	78.8	5.7	17.2	1.9	3.1	0.3	1.5	0.2	39.4	28,047	2.80	53.5	9.8
	96.0	97.0	8,233	16,215	1,698	4,946	324	52.2	82.1	5.7	15.4	1.7	3.0	0.2	1.4	0.2	34.3	31,611	3.16	46.4	7.7
KGKRC006	0.0	1.0	5,782	11,731	1,164	3,919	281	42.7	69.7	4.1	11.9	1.2	2.3	0.2	1.1	0.2	29.2	23,039	2.30	34.8	7.5
	1.0	2.0	8,292	16,768	1,673	5,564	393	60.4	95.2	5.3	14.7	1.3	2.3	0.2	0.8	0.2	30.5	32,900	3.29	46.8	3.6
	2.0	3.0	4,081	7,800	716	2,356	172	29.2	52.4	3.9	13.0	1.4	2.5	0.3	1.5	0.2	33.0	15,264	1.53	31.7	5.7

Hole ID	From m	To m	La_2O_3 ppm	CeO_2 ppm	Pr_2O_3 ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	TREO %	Th ppm	U ppm
	3.0	4.0	6,204	11,154	1,112	3,371	248	40.3	68.7	5.1	17.0	1.7	3.1	0.2	1.4	0.2	41.9	22,268	2.23	46.7	5.4
	4.0	5.0	10,074	19,347	2,000	6,007	387	54.8	83.8	5.0	14.9	1.5	2.3	0.2	0.8	0.1	31.8	38,011	3.80	34.6	4.0
	5.0	6.0	6,662	12,345	1,263	3,826	277	43.9	68.9	4.5	12.9	1.4	1.9	0.3	0.9	0.2	25.4	24,533	2.45	52.0	5.7
	6.0	7.0	9,347	18,119	1,861	5,587	357	53.5	88.6	5.8	17.7	1.8	2.7	0.3	1.4	0.2	41.9	35,485	3.55	51.4	2.6
	7.0	8.0	5,606	10,405	1,037	3,091	207	31.3	48.2	3.3	9.6	1.0	1.8	0.1	0.8	0.1	22.9	20,464	2.05	26.2	5.5
	8.0	9.0	5,923	10,564	1,037	3,056	199	30.5	45.5	2.7	8.8	1.0	1.9	0.2	0.9	0.2	21.6	20,892	2.09	20.0	5.5
	9.0	10.0	12,432	20,207	1,915	5,459	364	57.9	97.3	6.5	19.6	2.0	3.2	0.2	1.0	0.2	44.5	40,609	4.06	51.7	4.0
	10.0	11.0	10,004	15,355	1,383	3,849	262	44.0	77.0	5.7	18.1	2.0	2.9	0.3	1.1	0.2	40.6	31,045	3.10	38.7	1.6
	11.0	12.0	10,825	18,180	1,746	5,074	334	53.2	84.6	5.7	17.9	2.0	3.2	0.3	1.3	0.1	41.9	36,369	3.64	37.5	3.0
	12.0	13.0	8,069	13,697	1,317	3,826	252	39.1	63.3	4.3	14.0	1.5	2.5	0.2	1.0	0.1	35.6	27,321	2.73	29.1	4.4
	13.0	14.0	16,478	26,779	2,477	6,998	470	76.3	130.8	9.1	28.5	2.6	4.1	0.3	1.6	0.2	58.4	53,514	5.35	76.6	2.7
	14.0	15.0	8,221	15,048	1,522	4,479	296	44.2	70.5	4.2	12.1	1.2	2.1	0.2	1.0	0.2	27.9	29,730	2.97	36.2	5.5
	15.0	16.0	13,546	22,357	2,102	5,984	383	59.3	97.5	6.6	20.5	2.0	3.0	0.3	1.1	0.1	45.7	44,607	4.46	46.4	4.9
	16.0	17.0	11,599	18,672	1,728	4,852	319	52.7	91.3	6.6	21.1	2.2	3.3	0.3	1.0	0.1	48.3	37,396	3.74	51.6	2.0
	17.0	18.0	11,470	20,146	1,987	5,867	401	62.6	101.0	6.5	18.8	1.9	2.9	0.2	1.3	0.2	40.6	40,107	4.01	53.3	5.2
	18.0	19.0	9,664	17,750	1,776	5,319	344	50.1	75.8	3.9	11.3	1.2	2.1	0.2	0.8	0.1	22.9	35,022	3.50	30.0	6.6
	19.0	20.0	6,075	11,215	1,149	3,476	250	40.3	65.4	4.3	13.1	1.3	2.2	0.2	0.9	0.1	27.9	22,321	2.23	46.1	8.2
	20.0	21.0	4,937	9,606	988	3,056	217	36.0	59.1	3.7	11.3	1.3	2.5	0.2	1.1	0.2	27.9	18,949	1.89	34.9	9.7
	21.0	22.0	4,445	8,415	864	2,706	213	35.2	59.4	4.1	12.4	1.3	2.2	0.2	1.1	0.2	29.2	16,788	1.68	38.3	6.9
	22.0	23.0	4,984	8,980	904	2,764	204	34.7	58.6	4.3	14.4	1.5	2.7	0.2	1.4	0.1	35.6	17,990	1.80	43.1	6.0
	23.0	24.0	6,310	12,591	1,329	4,211	317	48.5	78.4	4.8	13.5	1.4	2.3	0.2	1.0	0.1	30.5	24,938	2.49	46.3	6.8
	24.0	25.0	6,087	11,522	1,208	3,779	285	44.9	73.9	4.6	14.7	1.7	2.9	0.3	1.5	0.3	38.1	23,065	2.31	43.6	6.6
	25.0	26.0	4,527	8,353	843	2,566	190	32.4	54.1	3.6	11.0	1.2	2.2	0.2	1.0	0.2	27.9	16,614	1.66	31.2	9.3
	26.0	27.0	4,386	8,243	830	2,519	179	29.1	47.8	3.1	10.0	1.1	1.7	0.2	1.1	0.1	22.9	16,275	1.63	27.1	7.7
	27.0	28.0	6,591	12,530	1,287	3,966	289	46.1	74.6	4.3	12.4	1.3	2.1	0.2	1.0	0.2	25.4	24,829	2.48	33.8	6.9
	28.0	29.0	5,665	11,228	1,121	3,453	239	37.1	55.6	3.7	10.7	1.1	1.6	0.2	0.9	0.2	20.3	21,836	2.18	28.8	5.3
	29.0	30.0	9,875	19,532	2,084	5,972	399	62.4	92.0	5.8	15.2	1.6	2.5	0.2	1.1	0.2	29.2	38,072	3.81	42.7	3.8
	30.0	31.0	2,510	5,061	509	1,545	112	18.8	33.7	2.8	11.5	1.8	4.4	0.5	3.2	0.4	50.8	9,865	0.99	17.4	2.2
	31.0	32.0	3,812	7,223	729	2,239	164	25.7	44.8	3.3	12.5	1.7	3.7	0.4	2.6	0.4	44.5	14,306	1.43	23.8	4.0
	32.0	33.0	6,697	12,898	1,353	4,222	312	49.0	78.0	4.8	15.2	1.6	2.7	0.3	1.4	0.2	34.3	25,670	2.57	38.0	7.9
	33.0	34.0	3,976	8,353	880	2,613	194	32.5	57.8	4.6	14.6	1.9	3.9	0.4	1.9	0.3	48.3	16,182	1.62	21.9	11.2
	34.0	35.0	4,586	9,754	1,057	3,243	228	35.1	53.5	3.3	9.1	1.0	1.8	0.2	1.0	0.2	22.9	18,995	1.90	21.2	5.9
	35.0	36.0	6,157	12,038	1,200	3,476	216	32.1	50.1	3.3	9.0	1.1	1.8	0.2	0.9	0.1	22.9	23,208	2.32	21.4	6.3
	36.0	37.0	3,964	8,120	851	2,426	158	23.9	36.3	2.4	6.2	0.8	1.5	0.1	0.7	0.1	16.5	15,607	1.56	14.0	8.2
	37.0	38.0	5,583	10,503	1,027	2,904	169	25.2	38.8	2.5	6.4	0.8	1.3	0.1	0.6	0.1	16.5	20,278	2.03	15.6	8.3
	38.0	39.0	4,199	8,390	853	2,356	145	21.3	32.7	2.3	6.3	0.8	1.5	0.2	0.8	0.1	17.8	16,026	1.60	17.0	9.2
	39.0	40.0	5,207	10,699	1,086	3,278	203	30.8	47.7	3.2	8.7	1.0	1.8	0.2	1.0	0.2	22.9	20,591	2.06	24.7	8.1
	40.0	41.0	4,492	9,631	1,008	3,009	190	26.6	40.6	2.6	7.0	0.8	1.5	0.2	0.8	0.1	17.8	18,427	1.84	20.5	9.1
	41.0	42.0	5,559	11,289	1,151	3,394	222	32.7	51.6	3.5	9.6	1.1	1.9	0.2	1.3	0.2	25.4	21,743	2.17	25.8	7.2
	42.0	43.0	5,594	11,043	1,087	3,161	206	30.7	48.6	3.4	9.4	1.1	1.9	0.2	0.9	0.2	24.1	21,213	2.12	23.7	8.0
	43.0	44.0	4,703	9,446	965	2,811	186	26.5	40.8	2.6	6.9	0.8	1.3	0.1	0.7	0.1	17.8	18,209	1.82	19.0	6.9

LINDIAN RESOURCES LTD.

Hole ID	From m	To m	La_2O_3 ppm	CeO_2 ppm	Pr_2O_3 ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	TREO %	Th ppm	U ppm
	44.0	45.0	9,465	19,286	1,945	5,914	391	57.0	89.0	5.6	13.5	1.4	2.1	0.2	0.9	0.1	29.2	37,199	3.72	43.4	4.5
	45.0	46.0	5,583	11,363	1,173	3,429	228	34.7	55.4	3.5	9.4	1.1	1.7	0.2	0.9	0.1	21.6	21,905	2.19	21.1	8.4
	46.0	47.0	3,800	7,776	803	2,280	155	23.6	37.9	2.7	7.1	0.9	1.6	0.2	0.9	0.1	19.1	14,908	1.49	14.0	8.9
	47.0	48.0	5,242	10,478	1,064	3,126	206	31.0	50.3	3.2	8.7	1.0	1.8	0.2	1.0	0.1	21.6	20,236	2.02	19.4	8.1
	48.0	49.0	7,823	13,697	1,275	3,523	221	34.4	57.1	3.9	11.0	1.3	2.2	0.2	1.0	0.2	30.5	26,679	2.67	24.6	5.1
	49.0	50.0	5,242	9,815	954	2,671	170	26.5	43.2	2.9	8.3	1.0	1.8	0.2	1.1	0.2	22.9	18,961	1.90	15.4	6.2
	50.0	51.0	5,336	10,712	1,072	3,126	203	30.7	48.1	3.1	8.4	1.0	1.8	0.2	1.0	0.2	21.6	20,564	2.06	19.8	5.8
	51.0	52.0	9,664	19,102	1,897	5,540	350	51.5	76.3	4.5	11.1	1.2	1.9	0.2	0.9	0.1	24.1	36,725	3.67	29.6	6.8
	52.0	53.0	4,128	8,230	849	2,403	164	25.4	41.4	2.8	7.9	1.0	1.7	0.2	1.0	0.1	20.3	15,876	1.59	16.4	11.4
	53.0	54.0	4,023	8,181	853	2,473	166	25.4	40.6	2.7	7.4	0.9	1.4	0.2	0.8	0.1	19.1	15,794	1.58	16.5	7.7
	54.0	55.0	1,531	3,292	353	1,151	131	29.5	68.6	7.1	27.8	4.0	8.1	0.9	4.2	0.5	102.9	6,711	0.67	19.8	21.5
	55.0	56.0	1,460	3,059	327	1,068	119	26.6	62.4	6.5	25.6	3.7	7.2	0.8	3.8	0.5	96.5	6,267	0.63	11.6	21.7
	56.0	57.0	6,943	12,468	1,190	3,219	193	29.9	48.0	3.4	9.5	1.2	2.1	0.2	1.0	0.2	26.7	24,136	2.41	21.8	8.3
	57.0	58.0	5,371	9,606	1,004	2,939	179	28.8	45.4	3.0	9.0	1.0	1.7	0.2	0.9	0.2	20.3	19,210	1.92	19.0	6.4
	58.0	59.0	6,978	13,635	1,329	3,837	242	37.8	62.1	5.2	16.1	1.8	2.9	0.3	1.1	0.1	41.9	26,192	2.62	33.2	4.7
	59.0	60.0	4,070	8,206	869	2,554	190	30.7	54.5	4.6	13.8	1.5	2.3	0.2	1.3	0.2	36.8	16,034	1.60	47.2	5.4
	60.0	61.0	3,518	7,174	725	2,263	154	24.0	37.9	2.4	6.8	0.8	1.8	0.2	0.9	0.1	17.8	13,927	1.39	15.8	8.2
	61.0	62.0	5,676	10,626	1,039	3,161	196	29.3	45.6	2.8	8.4	1.0	1.9	0.2	1.0	0.2	21.6	20,810	2.08	22.5	10.4
	62.0	63.0	9,253	17,198	1,734	5,202	307	44.7	66.5	4.2	10.7	1.1	1.9	0.2	0.9	0.1	24.1	33,849	3.38	28.9	7.6
	63.0	64.0	4,715	8,943	904	2,788	191	30.7	50.4	3.6	11.7	1.4	2.6	0.2	1.6	0.3	33.0	17,675	1.77	35.9	9.7
	64.0	65.0	4,304	8,120	809	2,473	166	26.9	46.1	3.3	10.0	1.2	2.2	0.2	1.3	0.2	27.9	15,992	1.60	25.9	11.6
	65.0	66.0	6,802	11,891	1,149	3,394	213	33.1	55.8	3.9	11.4	1.3	2.3	0.2	1.3	0.2	29.2	23,588	2.36	26.5	8.6
	66.0	67.0	3,460	6,633	643	1,913	128	20.6	36.9	2.7	8.6	1.1	2.2	0.2	1.4	0.2	25.4	12,876	1.29	19.3	15.0
	67.0	68.0	3,167	5,958	553	1,604	103	16.7	27.8	2.0	6.1	0.7	1.6	0.2	1.1	0.2	20.3	11,461	1.15	15.4	14.6
	68.0	69.0	2,697	5,602	565	1,773	127	20.6	34.1	2.2	6.9	0.7	1.6	0.2	1.3	0.2	20.3	10,852	1.09	13.6	9.8
	69.0	70.0	2,170	5,086	553	1,849	146	23.7	40.5	2.7	7.9	0.9	1.7	0.2	1.1	0.2	20.3	9,903	0.99	16.4	10.2
	70.0	71.0	1,671	3,464	338	1,057	77	13.4	26.4	2.1	7.1	1.0	2.3	0.2	1.4	0.2	25.4	6,687	0.67	11.0	8.0
	71.0	72.0	2,733	5,245	491	1,441	90	15.1	27.2	1.8	5.7	0.7	1.5	0.2	0.9	0.2	15.2	10,068	1.01	17.0	8.1
	72.0	73.0	3,741	6,805	627	1,837	115	18.1	30.3	2.0	6.2	0.8	1.5	0.1	0.9	0.1	16.5	13,202	1.32	13.4	12.9
	73.0	74.0	3,038	6,093	598	1,820	127	20.5	34.4	2.3	7.2	0.8	1.6	0.2	1.0	0.1	19.1	11,762	1.18	17.9	12.9
	74.0	75.0	2,885	5,675	547	1,650	110	17.8	29.4	2.0	5.9	0.7	1.5	0.2	0.8	0.1	17.8	10,944	1.09	15.1	10.4
	75.0	76.0	2,697	4,914	447	1,283	82	12.7	23.4	1.7	4.9	0.6	1.5	0.2	0.8	0.2	15.2	9,484	0.95	21.4	19.2
	76.0	77.0	4,269	7,493	694	1,995	127	19.6	32.7	2.1	6.3	0.8	1.5	0.1	0.8	0.1	17.8	14,659	1.47	15.4	11.0
	77.0	78.0	8,902	16,276	1,528	4,444	260	40.1	58.0	3.6	9.8	1.0	1.6	0.1	0.9	0.1	17.8	31,543	3.15	29.3	6.3
	78.0	79.0	5,442	9,299	877	2,519	153	23.7	39.0	2.5	7.4	0.8	1.5	0.1	0.9	0.1	16.5	18,383	1.84	19.6	9.6
	79.0	80.0	3,929	6,977	660	1,960	136	22.6	38.3	2.7	8.2	0.9	1.6	0.2	1.0	0.1	22.9	13,760	1.38	24.4	10.4
	80.0	81.0	3,401	6,314	594	1,773	122	20.3	34.1	2.3	6.7	0.7	1.5	0.1	0.9	0.1	17.8	12,289	1.23	15.4	7.0
	81.0	82.0	6,392	10,392	933	2,659	163	25.2	41.5	2.7	7.6	0.8	1.6	0.2	0.9	0.1	20.3	20,640	2.06	19.7	8.5
	82.0	83.0	2,404	4,656	442	1,324	94	16.6	30.7	2.4	8.6	1.2	2.6	0.3	1.4	0.2	30.5	9,014	0.90	19.8	15.1
	83.0	84.0	8,690	14,004	1,220	3,383	219	37.2	61.6	5.1	16.0	1.7	3.0	0.3	1.4	0.2	36.8	27,679	2.77	42.1	11.8
	84.0	85.0	6,392	9,913	869	2,438	148	25.1	43.7	2.9	9.8	1.0	1.7	0.1	0.9	0.1	24.1	19,869	1.99	18.5	6.4

Hole ID	From m	To m	La_2O_3 ppm	CeO_2 ppm	Pr_2O_3 ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	TREO %	Th ppm	U ppm
	85.0	86.0	6,005	9,741	880	2,508	157	24.9	43.0	3.5	11.3	1.2	2.2	0.2	0.8	0.1	27.9	19,405	1.94	29.6	8.4
	86.0	87.0	5,477	8,992	813	2,304	140	21.4	37.9	2.6	8.5	0.9	1.7	0.2	0.8	0.1	20.3	17,820	1.78	19.9	8.4
	87.0	88.0	9,699	15,109	1,347	3,802	250	43.4	81.4	6.7	21.8	2.3	3.9	0.3	1.4	0.2	53.3	30,423	3.04	57.2	4.4
	88.0	89.0	11,787	18,365	1,643	4,561	276	46.2	78.7	5.6	16.5	1.7	2.7	0.2	1.0	0.1	39.4	36,823	3.68	49.6	4.5
	89.0	90.0	11,716	18,119	1,595	4,432	270	44.2	74.8	5.6	16.5	1.6	2.7	0.2	1.3	0.1	36.8	36,316	3.63	43.7	8.3
	90.0	91.0	4,902	8,132	675	2,012	122	20.8	37.3	2.7	9.4	1.0	1.8	0.2	0.9	0.2	25.4	15,944	1.59	27.7	8.7
	91.0	92.0	6,204	9,864	823	2,438	150	25.8	44.1	3.2	10.3	1.2	2.3	0.2	0.9	0.2	29.2	19,596	1.96	29.3	11.1
	92.0	93.0	2,955	5,835	538	1,738	135	26.4	52.6	4.5	14.7	1.7	3.1	0.3	1.7	0.3	39.4	11,346	1.13	59.3	15.4
	93.0	94.0	14,953	22,971	1,897	5,564	348	61.4	111.6	8.2	25.0	2.8	5.2	0.4	1.9	0.3	66.0	46,015	4.60	64.9	10.8
	94.0	95.0	12,138	18,057	1,510	4,421	276	48.9	87.5	6.2	19.1	2.2	3.5	0.3	1.7	0.3	50.8	36,623	3.66	64.7	12.0
	95.0	96.0	5,055	7,813	652	1,948	126	21.8	40.5	2.8	8.4	1.0	1.6	0.2	0.8	0.1	21.6	15,692	1.57	30.5	5.7
	96.0	97.0	3,225	5,626	465	1,376	87	15.3	27.6	1.9	6.4	0.9	1.5	0.2	1.0	0.1	20.3	10,855	1.09	23.3	12.0
	97.0	98.0	1,929	3,513	297	891	60	10.4	19.4	1.5	5.2	0.6	1.4	0.2	1.0	0.2	17.8	6,748	0.67	21.3	10.2
	98.0	99.0	5,430	10,712	1,032	3,383	239	39.8	69.0	4.3	12.9	1.5	2.7	0.3	1.1	0.2	36.8	20,964	2.10	37.8	5.7
	99.0	100.0	3,870	7,014	623	1,919	123	21.2	36.3	2.5	7.5	0.8	1.6	0.2	1.0	0.2	21.6	13,642	1.36	20.9	11.6
	100.0	101.0	4,292	7,776	698	2,193	150	24.4	43.3	2.7	8.2	1.1	1.9	0.2	1.0	0.2	21.6	15,214	1.52	21.2	13.3
	101.0	102.0	5,864	10,773	999	3,208	213	34.4	59.0	3.1	9.1	1.0	1.5	0.1	0.8	0.1	19.1	21,185	2.12	24.0	9.2
	102.0	103.0	5,934	10,454	936	2,846	168	26.1	40.9	2.5	7.0	0.9	1.5	0.2	0.7	0.1	16.5	20,434	2.04	18.7	8.3
	103.0	104.0	4,621	8,304	758	2,368	150	23.2	40.0	2.5	6.5	0.9	1.5	0.1	0.7	0.1	17.8	16,293	1.63	16.8	10.2
	104.0	105.0	5,184	9,532	871	2,694	164	26.3	41.0	2.2	6.3	0.8	1.6	0.1	0.7	0.1	16.5	18,541	1.85	17.2	8.5
	105.0	106.0	4,457	8,144	736	2,292	147	23.2	39.2	2.2	7.1	0.9	1.7	0.2	0.9	0.1	17.8	15,869	1.59	20.4	8.0
	106.0	107.0	3,964	7,653	687	2,164	141	22.2	37.2	2.2	6.4	0.8	1.3	0.2	0.8	0.1	16.5	14,697	1.47	17.9	8.4
	107.0	108.0	4,668	8,894	828	2,648	172	25.8	40.7	2.2	6.3	0.8	1.4	0.1	0.8	0.1	14.0	17,300	1.73	19.8	6.6
	108.0	109.0	9,793	17,996	1,704	5,459	349	54.8	85.9	4.5	12.2	1.3	2.3	0.2	0.8	0.1	24.1	35,486	3.55	40.8	2.3
	109.0	110.0	14,074	25,305	2,356	7,383	452	68.2	111.5	6.6	18.4	1.8	2.7	0.2	0.9	0.1	35.6	49,816	4.98	59.9	3.2
	110.0	111.0	7,084	12,960	1,190	3,721	239	37.9	63.4	3.7	10.6	1.1	1.8	0.2	0.9	0.1	22.9	25,336	2.53	30.4	6.2
	111.0	112.0	6,755	12,186	1,109	3,499	229	37.6	60.9	3.9	10.9	1.3	2.1	0.2	1.1	0.1	26.7	23,923	2.39	33.7	4.1
	112.0	113.0	4,222	8,255	782	2,554	169	29.3	50.3	3.5	11.7	1.4	2.6	0.2	1.5	0.3	31.8	16,115	1.61	30.2	6.4
	113.0	114.0	4,081	8,083	759	2,449	161	24.9	38.3	2.2	6.8	0.7	1.1	0.1	0.7	0.1	16.5	15,625	1.56	16.4	5.4
	114.0	115.0	5,899	10,982	1,027	3,266	208	32.3	51.3	2.8	7.2	0.9	1.6	0.1	0.8	0.1	17.8	21,496	2.15	21.0	5.7
	115.0	116.0	3,366	6,891	646	2,135	159	27.1	50.5	3.6	11.9	1.4	2.7	0.3	1.6	0.2	33.0	13,330	1.33	37.2	7.5
	116.0	117.0	3,155	6,412	591	1,913	136	23.6	41.8	2.7	9.8	1.2	2.5	0.2	1.4	0.2	29.2	12,320	1.23	20.0	7.9
	117.0	118.0	4,222	7,874	733	2,379	173	29.1	50.7	3.3	9.4	1.3	2.2	0.3	1.4	0.2	29.2	15,509	1.55	22.6	7.5
	118.0	119.0	10,801	17,505	1,510	4,514	275	44.6	74.1	4.4	12.6	1.4	2.4	0.2	0.8	0.1	29.2	34,775	3.48	30.5	5.7
	119.0	120.0	9,347	16,338	1,498	4,654	296	48.3	80.6	5.1	15.2	1.7	3.1	0.3	1.4	0.2	38.1	32,327	3.23	42.7	6.8
	120.0	121.0	11,095	20,514	2,012	6,205	411	61.0	96.7	5.3	16.0	1.6	2.9	0.2	0.9	0.1	34.3	40,455	4.05	46.2	2.4
	121.0	122.0	8,456	15,232	1,480	4,561	284	41.7	67.0	4.1	13.7	1.4	2.4	0.2	0.9	0.1	31.8	30,176	3.02	27.7	2.0
	122.0	123.0	7,694	13,758	1,335	4,176	282	42.6	69.7	4.5	13.1	1.4	2.3	0.2	1.3	0.2	29.2	27,409	2.74	41.9	3.3
	123.0	124.0	10,379	18,549	1,812	5,669	386	60.8	100.6	6.0	18.8	2.1	3.9	0.4	2.2	0.3	49.5	37,040	3.70	49.4	3.7
	124.0	125.0	9,723	17,812	1,758	5,575	397	61.0	101.7	5.7	16.5	1.6	2.5	0.2	1.3	0.2	35.6	35,490	3.55	58.6	5.0
	125.0	126.0	5,407	10,159	1,016	3,278	232	34.2	53.9	3.2	9.1	1.0	2.1	0.2	0.9	0.2	25.4	20,221	2.02	24.7	7.2

LINDIAN RESOURCES LTD.

Hole ID	From m	To m	La_2O_3 ppm	CeO_2 ppm	Pr_2O_3 ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	TREO %	Th ppm	U ppm
	126.0	127.0	9,277	15,785	1,498	4,584	313	48.4	80.6	5.2	15.6	1.6	2.5	0.3	1.1	0.2	34.3	31,647	3.16	38.0	5.5
	127.0	128.0	3,249	6,768	677	2,210	168	26.1	45.8	3.1	9.6	1.1	2.1	0.2	1.4	0.2	26.7	13,188	1.32	33.9	9.0
	128.0	129.0	4,351	8,599	884	2,904	212	32.7	53.9	3.3	9.2	1.1	2.1	0.2	1.0	0.2	24.1	17,078	1.71	32.4	8.2
	129.0	130.0	4,246	8,083	790	2,508	172	27.2	44.0	2.7	7.9	0.9	1.6	0.2	1.1	0.1	19.1	15,903	1.59	21.1	10.0
	130.0	131.0	1,636	3,599	372	1,266	114	22.7	48.5	4.5	18.4	2.5	5.6	0.6	3.6	0.4	68.6	7,162	0.72	24.9	13.4
	131.0	132.0	3,483	7,211	729	2,321	159	23.6	38.5	2.4	7.8	0.8	1.6	0.2	1.1	0.1	20.3	13,999	1.40	18.7	9.1
	132.0	133.0	2,920	6,154	611	1,971	132	21.2	33.7	2.2	6.7	0.7	1.6	0.2	0.8	0.1	19.1	11,875	1.19	16.0	10.6
	133.0	134.0	4,961	9,176	884	2,776	200	32.5	57.6	4.3	14.7	1.7	3.8	0.4	1.9	0.3	48.3	18,163	1.82	27.4	9.3
	134.0	135.0	4,891	9,176	878	2,764	188	29.6	49.7	2.9	9.2	1.1	1.8	0.2	1.1	0.2	25.4	18,019	1.80	23.7	8.3
	135.0	136.0	4,937	9,655	977	3,173	224	33.1	52.9	2.9	9.6	1.0	2.1	0.2	1.3	0.1	24.1	19,094	1.91	23.4	4.8
	136.0	137.0	4,070	8,193	845	2,764	199	29.4	48.1	2.8	8.8	1.0	1.7	0.2	0.9	0.1	20.3	16,184	1.62	23.3	4.7
	137.0	138.0	6,720	12,591	1,263	4,001	283	41.5	65.1	3.8	11.3	1.1	2.1	0.2	1.1	0.1	24.1	25,008	2.50	30.7	8.0
	138.0	139.0	7,142	13,021	1,287	4,001	271	39.5	64.0	3.5	9.6	0.9	1.8	0.2	0.6	0.1	20.3	25,863	2.59	27.7	4.8
	139.0	140.0	4,093	7,616	744	2,344	164	24.8	41.2	2.6	7.5	0.8	1.5	0.2	0.8	0.2	17.8	15,059	1.51	18.4	5.3
	140.0	141.0	6,814	13,205	1,359	4,374	299	42.2	67.7	3.5	9.4	1.0	1.7	0.2	0.9	0.1	19.1	26,197	2.62	30.5	3.9
	141.0	142.0	5,231	9,815	965	3,056	204	30.0	48.8	2.9	9.0	0.9	1.7	0.2	0.8	0.1	20.3	19,385	1.94	23.8	5.3
	142.0	143.0	5,876	11,154	1,104	3,511	250	38.9	64.7	4.2	13.1	1.4	2.3	0.2	1.3	0.1	33.0	22,054	2.21	35.9	4.3
	143.0	144.0	5,594	11,154	1,157	3,744	250	35.4	56.9	2.9	7.9	0.9	1.8	0.2	1.0	0.2	19.1	22,027	2.20	23.8	5.1
	144.0	145.0	5,149	9,545	936	2,963	197	29.2	46.7	2.6	7.4	0.8	1.5	0.2	0.9	0.1	19.1	18,897	1.89	19.6	6.7
	145.0	146.0	5,278	9,864	961	2,998	200	29.1	47.8	2.9	9.3	1.0	2.2	0.2	1.0	0.1	25.4	19,419	1.94	22.3	6.6
	146.0	147.0	4,163	8,107	805	2,566	177	27.8	46.7	3.1	8.8	1.0	1.8	0.2	1.0	0.1	21.6	15,931	1.59	24.5	9.8
	147.0	148.0	6,861	12,591	1,232	3,884	255	36.7	60.5	3.9	12.6	1.3	1.9	0.2	1.1	0.2	27.9	24,970	2.50	32.4	5.5
	148.0	149.0	2,522	5,208	511	1,604	106	16.0	25.5	1.4	4.7	0.5	1.0	0.1	0.7	0.1	12.7	10,013	1.00	11.2	10.0
	149.0	150.0	3,683	7,727	745	2,234	157	25.0	44.7	2.8	10.0	1.0	1.6	0.2	1.0	0.2	24.1	14,656	1.47	27.7	7.4
	150.0	151.0	4,879	8,992	848	2,473	165	25.6	42.4	2.3	6.3	0.8	1.4	0.1	0.7	0.1	16.5	17,453	1.75	17.5	8.0
	151.0	152.0	8,104	15,478	1,510	4,421	291	43.8	68.7	3.5	11.7	1.1	1.8	0.2	0.8	0.1	22.9	29,958	3.00	29.8	5.3
	152.0	153.0	10,672	19,962	1,969	5,867	414	63.8	106.6	5.9	17.5	1.7	2.6	0.2	1.0	0.1	35.6	39,119	3.91	64.2	5.7
	153.0	154.0	4,808	10,036	1,028	3,126	210	31.5	48.9	2.7	8.3	0.9	1.6	0.2	0.8	0.2	20.3	19,324	1.93	21.7	2.8
	154.0	155.0	4,504	9,360	941	2,893	197	30.3	48.1	2.5	7.9	0.9	1.4	0.1	0.7	0.1	15.2	18,002	1.80	22.1	7.6
	155.0	156.0	4,984	9,790	956	2,846	188	28.8	46.0	2.4	8.0	0.8	1.6	0.1	0.8	0.1	17.8	18,871	1.89	19.0	7.0
	156.0	157.0	5,524	10,920	1,093	3,313	231	36.7	57.6	2.9	9.5	1.0	1.7	0.2	0.7	0.1	21.6	21,214	2.12	27.4	6.5
	157.0	158.0	9,054	19,593	2,175	6,579	474	74.7	111.0	6.8	16.3	1.4	2.3	0.2	0.8	0.1	24.1	38,112	3.81	64.7	4.5
	158.0	159.0	4,140	8,746	893	2,729	191	29.9	48.4	2.5	7.6	0.8	1.5	0.1	0.6	0.1	17.8	16,809	1.68	20.0	7.6
	159.0	160.0	4,679	9,250	916	2,776	192	29.6	47.1	2.4	7.1	0.7	1.5	0.1	0.7	0.1	16.5	17,920	1.79	19.2	5.2
	160.0	161.0	11,564	21,067	2,030	5,937	383	58.7	91.1	4.5	13.3	1.3	1.9	0.2	0.8	0.1	26.7	41,179	4.12	41.1	3.0
	161.0	162.0	4,679	8,967	888	2,659	187	30.3	48.5	2.7	8.8	0.9	1.5	0.1	0.8	0.1	20.3	17,496	1.75	22.6	4.8
	162.0	163.0	2,885	6,363	646	2,018	158	25.8	45.5	2.8	9.3	1.0	1.7	0.2	1.0	0.2	22.9	12,181	1.22	31.3	8.4
	163.0	164.0	3,460	7,395	742	2,280	175	29.3	51.6	3.1	10.2	1.0	1.9	0.2	1.0	0.2	22.9	14,173	1.42	23.8	8.1
	164.0	165.0	4,187	8,451	859	2,648	197	32.3	53.6	3.2	10.0	1.1	1.8	0.2	0.9	0.2	24.1	16,469	1.65	24.8	7.4
	165.0	166.0	7,037	13,512	1,347	4,024	278	43.9	73.1	4.4	14.9	1.4	2.4	0.2	0.9	0.2	31.8	26,372	2.64	36.4	3.4
	166.0	167.0	5,676	12,161	1,293	4,071	282	45.0	70.7	4.9	13.8	1.4	2.2	0.2	0.9	0.1	27.9	23,650	2.36	42.4	4.8

Hole ID	From m	To m	La_2O_3 ppm	CeO_2 ppm	Pr_2O_3 ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	TREO %	Th ppm	U ppm
	167.0	168.0	6,486	13,758	1,450	4,607	324	52.1	79.5	5.2	14.7	1.4	2.3	0.2	1.0	0.1	27.9	26,809	2.68	50.6	3.7
	168.0	169.0	5,770	11,006	1,087	3,313	238	37.6	63.7	3.8	12.6	1.3	2.1	0.2	1.0	0.2	27.9	21,565	2.16	34.4	5.9
	169.0	170.0	3,659	7,567	753	2,292	175	29.1	52.4	3.3	11.4	1.3	2.2	0.2	1.0	0.1	26.7	14,573	1.46	27.1	6.6
	170.0	171.0	3,073	6,621	646	2,012	161	27.2	51.4	3.7	15.4	1.9	3.7	0.5	3.0	0.4	47.0	12,667	1.27	24.7	6.1
	171.0	172.0	3,202	7,272	768	2,496	212	36.8	65.6	4.3	14.2	1.4	2.6	0.3	1.1	0.2	30.5	14,107	1.41	38.0	5.3
	172.0	173.0	4,891	9,201	882	2,636	191	30.9	54.9	3.3	11.5	1.2	2.1	0.2	1.1	0.2	29.2	17,935	1.79	23.8	8.3
	173.0	174.0	5,301	10,061	988	3,009	227	38.2	68.8	4.5	15.7	1.8	3.5	0.3	1.9	0.2	43.2	19,765	1.98	28.4	8.7
	174.0	175.0	4,386	7,911	743	2,187	158	27.0	48.9	3.4	11.9	1.3	2.1	0.2	1.0	0.2	30.5	15,512	1.55	27.8	5.6
	175.0	176.0	4,879	8,881	853	2,578	196	34.3	63.9	4.4	16.3	1.7	2.9	0.3	1.6	0.2	40.6	17,553	1.76	40.2	5.7
	176.0	177.0	8,397	15,724	1,595	4,864	357	58.8	98.0	5.6	16.9	1.7	2.7	0.2	1.0	0.2	35.6	31,157	3.12	56.2	3.5
	177.0	178.0	6,357	13,021	1,371	4,269	313	49.4	82.6	4.6	15.8	1.5	2.9	0.2	1.1	0.2	33.0	25,522	2.55	44.6	5.3
	178.0	179.0	5,207	10,798	1,125	3,523	274	46.7	83.2	5.6	18.4	1.9	3.3	0.3	1.9	0.3	43.2	21,131	2.11	72.9	4.5
	179.0	180.0	5,665	10,478	1,077	3,219	223	35.6	63.3	5.7	16.6	2.0	3.9	0.5	2.5	0.3	49.5	20,842	2.08	84.7	5.6
	180.0	181.0	4,820	9,496	1,019	3,173	209	32.8	55.4	4.5	13.1	1.6	3.1	0.3	2.2	0.3	39.4	18,869	1.89	50.4	6.9
	181.0	182.0	5,536	10,736	1,144	3,558	246	39.4	66.9	5.6	16.4	1.9	3.3	0.4	2.2	0.3	44.5	21,400	2.14	71.4	4.7
	182.0	183.0	5,336	10,908	1,203	3,744	263	40.4	65.6	4.7	12.9	1.3	2.3	0.2	1.3	0.2	30.5	21,614	2.16	45.6	6.7
	183.0	184.0	8,550	15,846	1,637	5,062	339	52.6	88.3	6.7	19.5	2.1	3.3	0.3	1.5	0.2	45.7	31,654	3.17	56.9	3.5
	184.0	185.0	9,934	18,856	1,969	6,112	404	59.9	97.7	7.0	19.1	2.1	3.7	0.4	1.9	0.3	47.0	37,513	3.75	65.4	5.9
	185.0	186.0	7,330	14,495	1,522	4,771	317	49.2	81.3	5.8	15.8	1.7	2.9	0.3	1.5	0.2	36.8	28,630	2.86	52.5	4.3
	186.0	187.0	5,242	10,920	1,151	3,604	238	41.5	68.5	5.2	15.3	1.6	2.9	0.3	1.8	0.3	39.4	21,333	2.13	61.6	3.7
	187.0	188.0	10,860	20,637	2,157	6,800	472	73.5	122.2	8.6	23.9	2.4	3.5	0.3	1.5	0.2	50.8	41,213	4.12	80.8	4.0
	188.0	189.0	8,069	15,785	1,673	5,179	341	52.0	85.1	6.2	18.1	2.0	3.0	0.2	1.3	0.2	43.2	31,258	3.13	56.7	4.8
	189.0	190.0	4,984	10,884	1,269	4,362	344	51.9	81.7	5.2	14.0	1.3	2.1	0.2	0.9	0.1	29.2	22,030	2.20	41.4	4.7
	190.0	191.0	3,554	7,641	875	2,823	214	34.2	56.9	4.2	12.6	1.3	2.2	0.2	1.0	0.2	30.5	15,249	1.52	35.3	4.1
	191.0	192.0	3,495	7,444	851	2,788	219	33.9	57.9	4.3	12.3	1.4	2.2	0.2	1.1	0.2	30.5	14,940	1.49	38.3	6.6
	192.0	193.0	6,110	12,075	1,287	4,059	263	39.3	61.8	4.3	11.6	1.3	2.1	0.2	0.9	0.1	25.4	23,941	2.39	31.1	6.9
	193.0	194.0	3,260	6,891	789	2,473	208	35.8	65.4	6.5	26.9	4.6	10.2	1.2	5.7	0.8	127.0	13,905	1.39	39.9	7.7
	194.0	195.0	4,117	8,550	965	3,079	216	34.2	56.8	3.9	11.0	1.3	2.4	0.3	1.5	0.2	29.2	17,067	1.71	28.9	8.0
	195.0	196.0	3,917	8,722	1,032	3,313	246	38.8	63.6	4.3	11.5	1.3	2.1	0.2	1.0	0.1	25.4	17,377	1.74	31.1	5.0
	196.0	197.0	7,436	15,109	1,643	5,284	344	51.4	78.0	5.2	12.6	1.3	2.1	0.2	0.9	0.1	25.4	29,993	3.00	33.6	5.0
	197.0	198.0	8,139	16,891	1,849	5,715	368	55.1	84.1	5.5	13.3	1.5	2.3	0.2	0.9	0.1	27.9	33,152	3.32	38.1	4.3
	198.0	199.0	3,624	7,542	831	2,566	180	26.3	42.0	3.1	9.3	1.1	1.6	0.2	1.0	0.1	24.1	14,852	1.49	27.3	7.5
	199.0	200.0	7,342	14,311	1,456	4,491	315	49.2	74.8	5.2	13.8	1.3	2.4	0.3	1.0	0.2	29.2	28,092	2.81	38.1	6.8
	200.0	201.0	14,015	25,428	2,586	7,150	471	75.4	118.1	8.0	22.7	2.0	3.5	0.3	1.1	0.2	43.2	49,924	4.99	60.8	3.7
	201.0	202.0	15,540	29,973	3,057	9,156	596	89.5	144.7	9.8	24.5	2.4	3.3	0.2	1.0	0.1	47.0	58,644	5.86	74.8	2.4
	202.0	203.0	4,328	9,410	1,069	3,371	224	33.9	52.1	3.5	9.8	1.1	1.7	0.2	1.0	0.1	22.9	18,528	1.85	27.2	5.9
	203.0	204.0	5,371	11,326	1,244	3,907	250	35.7	55.2	3.6	9.9	1.1	1.7	0.2	0.9	0.1	22.9	22,231	2.22	24.7	5.1
	204.0	205.0	8,503	16,768	1,794	5,517	371	54.4	86.0	5.6	14.0	1.5	2.3	0.2	1.0	0.2	30.5	33,148	3.31	45.0	4.2
	205.0	206.0	11,904	22,173	2,253	6,742	420	62.1	96.4	6.1	14.9	1.5	2.3	0.2	1.0	0.1	30.5	43,707	4.37	39.7	5.2
	206.0	207.0	7,952	15,724	1,673	5,167	333	48.4	74.0	4.9	12.3	1.4	2.3	0.3	1.0	0.2	27.9	31,021	3.10	37.6	5.9
	207.0	208.0	6,697	13,390	1,432	4,491	296	44.7	72.2	4.7	12.6	1.3	2.1	0.2	0.9	0.1	27.9	26,471	2.65	36.8	6.5

Hole ID	From m	To m	La_2O_3 ppm	CeO_2 ppm	Pr_2O_3 ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	TREO %	Th ppm	U ppm
	208.0	209.0	5,137	10,675	1,165	3,569	221	33.9	53.3	3.9	11.3	1.3	1.8	0.2	0.9	0.2	26.7	20,900	2.09	30.4	4.4
	209.0	210.0	4,715	9,348	982	2,939	190	27.6	43.7	2.7	7.5	0.9	1.5	0.2	0.8	0.2	19.1	18,278	1.83	20.6	9.7
	210.0	211.0	9,664	18,303	1,830	5,494	333	49.0	75.7	4.4	11.9	1.3	2.2	0.2	0.9	0.1	25.4	35,795	3.58	33.8	5.2
	211.0	212.0	4,738	9,446	977	2,939	180	26.6	41.2	2.6	7.7	0.9	1.6	0.2	0.7	0.1	20.3	18,383	1.84	19.8	6.6
	212.0	213.0	4,902	9,582	985	2,928	181	26.4	40.9	2.6	7.6	0.9	1.6	0.1	0.8	0.1	20.3	18,678	1.87	20.0	6.8
	213.0	214.0	5,688	10,798	1,109	3,266	212	32.3	53.6	3.8	11.7	1.2	2.3	0.2	0.9	0.1	29.2	21,208	2.12	34.8	6.2
	214.0	215.0	8,210	14,986	1,468	4,304	271	42.6	70.4	4.6	12.9	1.5	2.5	0.3	1.0	0.2	33.0	29,408	2.94	38.3	4.4
	215.0	216.0	6,005	10,982	1,089	3,126	183	28.0	44.3	3.1	9.4	1.2	1.8	0.2	0.9	0.2	24.1	21,498	2.15	26.5	2.9
	216.0	217.0	11,705	20,637	1,939	5,552	319	50.4	80.5	5.4	15.8	1.7	2.9	0.2	0.9	0.1	38.1	40,348	4.03	52.3	4.7
	217.0	218.0	4,175	8,120	828	2,356	152	22.4	37.1	2.2	6.4	0.7	1.5	0.1	0.7	0.1	17.8	15,720	1.57	17.8	7.5
	218.0	219.0	4,703	9,016	921	2,589	169	25.4	41.0	2.6	7.6	0.9	1.5	0.2	0.8	0.1	19.1	17,497	1.75	21.5	8.9
	219.0	220.0	12,842	23,462	2,229	6,555	398	62.5	104.2	6.8	19.5	2.1	3.2	0.3	1.1	0.2	43.2	45,730	4.57	59.2	4.1
	220.0	221.0	7,119	13,390	1,323	3,872	237	36.0	57.9	4.0	11.4	1.3	2.1	0.2	0.9	0.2	26.7	26,081	2.61	32.6	4.3
	221.0	222.0	10,579	18,979	2,012	5,505	354	60.8	102.7	7.3	23.3	2.3	2.9	0.3	1.0	0.2	45.7	37,675	3.77	74.5	2.8
	222.0	223.0	10,192	21,006	2,108	6,474	414	66.5	97.9	4.5	17.9	1.8	2.6	0.2	1.0	0.2	35.6	40,421	4.04	51.6	1.9
	223.0	224.0	7,459	14,618	1,468	4,467	279	43.0	69.9	4.9	14.7	1.6	2.4	0.2	0.9	0.1	34.3	28,464	2.85	39.6	2.5
	224.0	225.0	6,204	12,468	1,305	4,001	255	37.5	57.6	3.7	10.6	1.1	1.9	0.2	0.8	0.1	25.4	24,372	2.44	27.9	2.1
	225.0	226.0	7,647	15,416	1,613	4,957	321	47.7	71.5	4.0	10.9	1.1	1.7	0.2	0.7	0.1	22.9	30,115	3.01	32.6	4.4
	226.0	227.0	6,662	13,512	1,426	4,456	289	43.7	67.2	3.8	10.4	1.1	1.7	0.2	0.8	0.1	22.9	26,496	2.65	31.0	5.3
	227.0	228.0	5,911	11,903	1,226	3,791	237	35.4	53.1	3.4	9.2	1.0	1.8	0.2	0.6	0.1	21.6	23,194	2.32	24.0	3.9
	228.0	229.0	7,060	13,512	1,383	4,187	273	42.7	70.7	4.7	14.4	1.5	2.2	0.2	0.8	0.1	31.8	26,585	2.66	45.3	2.8
	229.0	230.0	7,013	13,512	1,365	4,036	242	36.4	55.9	3.6	9.3	1.0	1.6	0.1	0.7	0.1	20.3	26,298	2.63	25.8	2.1
	230.0	231.0	5,583	10,663	1,086	3,243	194	29.2	45.4	2.8	7.7	0.9	1.5	0.2	0.8	0.1	19.1	20,876	2.09	19.3	5.6
	231.0	232.0	5,113	9,925	1,022	3,021	179	25.8	39.4	2.4	6.7	0.8	1.4	0.1	0.7	0.1	16.5	19,355	1.94	16.3	5.9
	232.0	233.0	5,489	10,663	1,079	3,243	206	31.3	50.8	3.1	9.2	0.9	1.7	0.2	0.7	0.1	21.6	20,799	2.08	26.7	7.6
	233.0	234.0	4,269	8,574	904	2,683	177	26.9	42.8	3.0	9.2	1.0	1.7	0.2	0.8	0.1	24.1	16,716	1.67	27.2	6.5
	234.0	235.0	6,697	13,451	1,389	4,257	261	37.9	57.4	3.3	9.6	1.0	1.9	0.2	0.7	0.1	22.9	26,190	2.62	25.2	3.4
	235.0	236.0	11,435	21,374	2,102	6,299	378	56.0	86.3	5.2	13.5	1.3	2.3	0.2	0.8	0.1	26.7	41,780	4.18	37.2	2.3
	236.0	237.0	5,852	11,940	1,172	3,558	227	31.4	50.8	3.1	8.8	1.0	1.7	0.2	0.8	0.1	21.6	22,869	2.29	24.7	4.6
	237.0	238.0	11,235	21,190	2,030	6,007	379	54.5	91.4	5.3	14.7	1.5	2.3	0.2	0.8	0.2	30.5	41,043	4.10	43.0	4.5
	238.0	239.0	8,796	17,013	1,631	4,841	307	44.6	73.0	4.1	11.4	1.2	2.1	0.2	0.8	0.1	24.1	32,750	3.27	34.2	6.0
	239.0	240.0	3,882	7,972	784	2,414	166	25.1	45.9	3.7	11.7	1.1	1.8	0.2	0.7	0.1	24.1	15,333	1.53	38.5	4.8
	240.0	241.0	4,328	9,066	896	2,753	181	25.9	41.3	2.4	6.8	0.8	1.1	0.2	0.6	0.1	15.2	17,318	1.73	17.8	5.1
	241.0	242.0	4,492	9,373	921	2,846	188	26.3	43.7	2.4	7.0	0.8	1.4	0.2	0.8	0.1	15.2	17,917	1.79	17.0	4.6
	242.0	243.0	2,293	5,258	518	1,621	121	19.0	34.1	2.3	7.2	0.9	1.6	0.2	1.1	0.3	20.3	9,898	0.99	18.4	9.1
	243.0	244.0	4,421	9,704	991	3,068	205	29.6	51.5	3.3	10.0	1.0	1.7	0.1	0.8	0.1	20.3	18,507	1.85	26.5	2.7
	244.0	245.0	6,192	12,960	1,305	4,082	282	41.2	68.1	4.3	12.3	1.3	1.9	0.2	0.8	0.1	26.7	24,978	2.50	36.5	5.1
	245.0	246.0	4,679	10,208	1,063	3,383	245	34.6	64.9	4.4	14.2	1.4	2.5	0.2	1.4	0.2	34.3	19,736	1.97	46.4	3.2
	246.0	247.0	6,931	14,679	1,486	4,572	307	44.6	76.9	4.9	14.7	1.4	2.2	0.2	0.7	0.2	30.5	28,152	2.82	52.6	2.2
	247.0	248.0	6,099	13,942	1,498	4,829	339	50.4	92.9	6.9	21.6	2.0	2.9	0.2	1.0	0.2	43.2	26,928	2.69	94.5	2.1
	248.0	249.0	5,055	11,117	1,160	3,616	238	33.2	55.8	3.1	10.0	1.1	1.8	0.1	0.8	0.1	21.6	21,313	2.13	27.8	3.4

Hole ID	From m	To m	La_2O_3 ppm	CeO_2 ppm	Pr_2O_3 ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	TREO %	Th ppm	U ppm
	249.0	250.0	5,970	12,001	1,183	3,628	244	35.9	61.2	3.7	11.0	1.1	1.6	0.2	0.7	0.1	22.9	23,163	2.32	29.6	6.4
	250.0	251.0	4,375	8,881	876	2,729	194	29.1	51.8	3.8	11.0	1.2	2.7	0.2	1.3	0.3	29.2	17,186	1.72	26.1	6.0
	251.0	252.0	5,149	10,687	1,054	3,243	217	30.9	51.8	3.1	9.0	0.9	1.7	0.2	0.7	0.1	19.1	20,467	2.05	23.7	3.4
	252.0	253.0	8,057	16,399	1,613	4,887	310	43.0	70.4	4.1	10.8	1.0	1.5	0.1	0.6	0.1	19.1	31,417	3.14	31.6	3.2
	253.0	254.0	5,008	10,159	999	3,056	201	30.0	50.6	3.2	8.6	0.9	1.3	0.1	0.8	0.1	20.3	19,539	1.95	19.9	7.9
	254.0	255.0	5,665	11,658	1,166	3,581	244	34.3	55.7	3.3	9.2	1.0	1.7	0.2	0.7	0.1	21.6	22,440	2.24	23.3	7.3
	255.0	256.0	5,031	10,466	1,048	3,208	210	31.4	55.1	4.1	12.4	1.4	2.2	0.2	0.9	0.1	30.5	20,100	2.01	29.9	3.8
	256.0	257.0	6,626	14,004	1,426	4,351	279	40.6	68.5	4.2	11.0	1.0	1.9	0.1	0.7	0.2	24.1	26,838	2.68	35.9	1.8
	257.0	258.0	6,122	12,530	1,226	3,686	242	36.1	61.3	4.1	11.4	1.3	2.1	0.2	0.9	0.2	27.9	23,952	2.40	31.8	4.1
	258.0	259.0	5,747	11,719	1,154	3,511	232	34.6	62.4	4.4	14.9	1.6	2.6	0.2	1.1	0.2	38.1	22,522	2.25	41.4	5.6
	259.0	260.0	5,700	11,326	1,097	3,301	215	31.8	55.0	3.5	10.9	1.2	2.2	0.2	1.1	0.1	27.9	21,773	2.18	28.8	6.4
	260.0	261.0	5,618	10,749	1,028	3,068	203	30.1	53.3	3.7	10.7	1.2	1.9	0.1	1.0	0.1	26.7	20,794	2.08	31.8	6.4
	261.0	262.0	5,078	10,355	1,002	3,033	196	27.9	47.0	2.9	8.7	0.9	1.5	0.2	0.6	0.1	19.1	19,773	1.98	23.4	6.5
	262.0	263.0	5,583	10,933	1,056	3,161	204	29.8	51.8	3.3	9.6	1.0	1.7	0.2	0.9	0.1	21.6	21,056	2.11	27.8	5.8
	263.0	264.0	5,231	10,454	1,011	3,079	203	30.3	51.9	3.3	9.9	1.0	1.7	0.2	1.0	0.1	24.1	20,101	2.01	27.7	6.8
	264.0	265.0	7,928	15,662	1,528	4,526	288	41.5	70.4	4.3	12.2	1.3	2.2	0.2	0.9	0.2	26.7	30,092	3.01	36.8	6.5
	265.0	266.0	5,102	10,024	970	2,904	192	28.8	50.8	3.3	10.8	1.1	1.6	0.2	0.8	0.1	24.1	19,314	1.93	28.6	5.2
	266.0	267.0	5,067	9,311	903	2,671	176	28.7	46.1	3.0	8.6	0.9	1.7	0.2	0.8	0.1	21.6	18,239	1.82	22.6	6.8
	267.0	268.0	6,474	11,928	1,180	3,499	232	36.5	60.6	3.8	11.4	1.2	1.7	0.2	0.8	0.1	26.7	23,456	2.35	29.3	4.8
	268.0	269.0	6,228	11,854	1,171	3,488	229	35.6	57.9	3.9	10.4	1.2	1.7	0.2	0.8	0.1	22.9	23,104	2.31	28.0	5.1
	269.0	270.0	6,427	11,965	1,183	3,523	238	37.5	63.4	4.3	12.9	1.3	2.4	0.2	1.0	0.2	27.9	23,486	2.35	35.5	4.4
	270.0	271.0	5,993	11,228	1,102	3,254	213	33.4	55.1	3.5	9.8	1.0	1.8	0.1	0.8	0.1	22.9	21,919	2.19	26.8	5.0
	271.0	272.0	5,946	11,043	1,087	3,243	212	33.1	52.6	3.3	8.5	0.9	1.5	0.1	0.8	0.1	20.3	21,652	2.17	24.6	5.8
	272.0	273.0	5,700	10,589	1,037	3,056	204	30.3	50.7	3.1	9.5	1.0	1.6	0.2	0.8	0.2	21.6	20,704	2.07	23.6	6.6
	273.0	274.0	5,594	10,478	1,029	3,056	192	31.0	50.0	3.3	9.0	1.0	1.5	0.2	0.8	0.1	20.3	20,467	2.05	26.5	8.2
	274.0	275.0	5,489	9,975	961	2,846	184	28.0	44.4	2.8	7.7	0.8	1.5	0.2	0.8	0.1	19.1	19,559	1.96	19.1	6.4
	275.0	276.0	7,189	13,328	1,311	3,861	242	36.9	58.3	3.6	9.5	1.0	1.8	0.1	0.8	0.1	22.9	26,067	2.61	25.6	5.1
	276.0	277.0	8,010	16,522	1,716	5,097	327	51.2	76.5	3.7	14.2	1.5	2.4	0.2	0.9	0.2	29.2	31,852	3.19	44.1	4.0
	277.0	278.0	8,292	15,171	1,462	4,269	266	40.3	66.9	4.2	11.9	1.2	3.9	0.1	1.0	0.1	30.5	29,619	2.96	30.2	4.8
	278.0	279.0	7,471	14,127	1,377	4,082	247	39.0	62.2	4.1	10.8	1.0	1.8	0.2	0.9	0.1	25.4	27,450	2.74	28.7	4.9
	279.0	280.0	5,090	9,262	876	2,566	166	26.8	41.3	2.5	7.5	0.8	1.5	0.1	0.8	0.1	19.1	18,060	1.81	18.1	5.9
	280.0	281.0	7,858	13,574	1,275	3,616	219	33.5	52.9	3.1	8.4	0.9	1.6	0.2	0.8	0.1	20.3	26,663	2.67	21.9	7.7
	281.0	282.0	7,389	13,205	1,250	3,628	223	34.7	53.7	3.3	8.6	1.0	1.8	0.2	0.7	0.1	20.3	25,819	2.58	23.0	5.9
	282.0	283.0	8,831	15,601	1,516	4,421	268	40.9	64.2	4.0	11.4	1.2	1.9	0.2	1.0	0.1	25.4	30,787	3.08	29.5	5.9
	283.0	284.0	6,626	12,124	1,189	3,476	224	35.4	57.3	3.5	9.8	0.9	1.6	0.1	0.7	0.1	19.1	23,768	2.38	24.1	4.0
	284.0	285.0	9,769	17,566	1,704	4,969	311	48.6	77.5	4.6	12.2	1.3	1.9	0.2	1.0	0.1	25.4	34,491	3.45	33.5	4.2
	285.0	286.0	5,782	10,736	1,051	3,114	201	33.1	53.8	4.0	11.9	1.3	2.2	0.2	1.1	0.2	30.5	21,023	2.10	30.2	2.6
	286.0	287.0	6,497	11,670	1,110	3,243	201	30.7	49.8	3.3	9.6	1.1	1.8	0.2	0.9	0.1	25.4	22,844	2.28	27.5	10.2
	287.0	288.0	6,966	12,173	1,161	3,359	201	31.0	48.6	3.4	9.3	1.0	1.9	0.1	0.9	0.1	22.9	23,981	2.40	24.7	7.7
	288.0	289.0	6,837	12,063	1,148	3,301	195	29.2	45.2	2.7	7.6	0.9	1.6	0.2	0.8	0.1	19.1	23,651	2.37	18.4	5.7
	289.0	290.0	5,184	9,606	921	2,706	167	25.8	40.1	2.3	7.0	0.7	1.6	0.1	0.7	0.1	16.5	18,679	1.87	29.3	12.4

Hole ID	From m	To m	La_2O_3 ppm	CeO_2 ppm	Pr_2O_3 ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	TREO %	Th ppm	U ppm
	290.0	291.0	8,468	14,864	1,395	3,977	241	37.6	58.1	3.4	8.8	0.9	1.7	0.2	0.8	0.1	20.3	29,077	2.91	26.1	6.8
	291.0	292.0	9,453	16,215	1,498	4,246	247	37.2	58.7	3.6	9.3	1.0	1.6	0.2	0.9	0.1	21.6	31,793	3.18	24.6	5.9
	292.0	293.0	5,301	9,102	829	2,344	137	21.0	33.5	2.1	5.6	0.6	1.3	0.1	0.8	0.1	16.5	17,795	1.78	12.8	5.1
	293.0	294.0	8,210	13,574	1,232	3,418	192	28.6	45.2	2.8	7.5	0.8	1.7	0.2	0.8	0.1	19.1	26,733	2.67	16.9	4.7
	294.0	295.0	8,045	13,328	1,214	3,383	190	27.3	43.1	2.5	6.9	0.8	1.4	0.2	0.8	0.1	19.1	26,263	2.63	18.2	5.1
	295.0	296.0	8,034	14,249	1,317	3,651	212	30.5	47.5	3.0	8.5	0.9	1.7	0.2	0.9	0.1	19.1	27,575	2.76	20.4	5.4
	296.0	297.0	8,866	15,416	1,402	3,814	217	32.0	49.8	2.9	8.0	0.9	1.6	0.2	0.9	0.1	19.1	29,831	2.98	20.2	5.9
	297.0	298.0	10,532	18,610	1,704	4,666	261	37.8	58.7	3.4	9.0	0.9	1.7	0.2	0.9	0.2	20.3	35,905	3.59	23.9	4.9
	298.0	299.0	7,869	13,820	1,263	3,488	197	29.9	45.4	2.9	7.7	0.8	1.4	0.1	0.7	0.1	16.5	26,741	2.67	20.1	4.7
	299.0	300.0	7,436	13,205	1,202	3,348	191	29.0	43.0	2.6	7.9	0.8	1.5	0.2	0.8	0.1	17.8	25,486	2.55	19.1	4.7
KGKRC008	0.0	1.0	5,923	11,989	1,196	3,709	281	44.0	69.6	4.7	11.9	1.2	2.2	0.2	1.1	0.2	24.1	23,257	2.33	39.2	7.3
	1.0	2.0	5,160	10,859	1,101	3,523	279	42.0	64.9	4.2	10.7	1.1	2.1	0.2	1.1	0.2	21.6	21,070	2.11	30.8	6.6
	2.0	3.0	3,823	7,813	781	2,461	186	29.1	46.6	3.3	8.7	0.9	1.7	0.2	1.1	0.1	20.3	15,176	1.52	25.3	5.8
	3.0	4.0	8,116	14,986	1,371	3,977	279	45.7	75.0	5.3	15.2	1.4	2.5	0.2	1.0	0.2	30.5	28,908	2.89	38.8	6.7
	4.0	5.0	4,750	8,206	723	2,111	166	29.3	53.5	4.4	12.7	1.2	1.9	0.2	0.9	0.2	26.7	16,086	1.61	52.0	6.6
	5.0	6.0	3,612	6,707	617	1,843	144	25.0	43.8	3.6	14.0	1.7	3.5	0.4	1.8	0.2	39.4	13,057	1.31	31.0	9.6
	6.0	7.0	2,357	4,496	413	1,283	117	22.1	43.2	3.7	13.9	1.8	3.9	0.4	2.5	0.3	41.9	8,800	0.88	37.9	8.6
	7.0	8.0	3,389	5,859	491	1,371	89	14.7	24.7	2.0	5.6	0.7	1.0	0.1	0.6	0.1	14.0	11,263	1.13	13.4	7.0
	8.0	9.0	2,991	5,184	442	1,260	90	14.4	25.0	1.9	7.0	0.8	1.6	0.2	0.9	0.1	17.8	10,036	1.00	15.3	7.1
	9.0	10.0	2,510	4,471	377	1,070	72	12.0	19.1	1.6	5.6	0.7	1.4	0.2	1.0	0.1	16.5	8,558	0.86	11.0	6.4
	10.0	11.0	4,656	8,193	731	2,082	129	19.7	31.1	2.3	7.4	0.8	1.4	0.2	0.9	0.1	17.8	15,873	1.59	15.6	8.2
	11.0	12.0	5,149	9,029	808	2,344	165	26.5	44.1	3.3	10.2	1.1	1.9	0.2	0.9	0.2	22.9	17,606	1.76	27.5	9.1
	12.0	13.0	12,373	21,497	2,018	5,412	398	68.7	117.0	8.5	26.1	2.6	4.1	0.3	1.5	0.2	50.8	41,977	4.20	53.1	5.5
	13.0	14.0	4,855	8,071	684	1,913	143	24.7	45.8	3.7	12.9	1.5	2.9	0.3	1.3	0.2	31.8	15,790	1.58	32.0	8.2
	14.0	15.0	2,404	4,238	359	1,022	66	11.4	19.1	1.5	4.6	0.6	1.4	0.2	0.9	0.1	14.0	8,142	0.81	8.8	7.2
	15.0	16.0	1,888	3,243	297	867	62	11.6	20.2	1.5	5.9	0.7	1.5	0.2	1.0	0.1	19.1	6,419	0.64	17.5	8.2
	16.0	17.0	2,838	4,324	376	1,042	71	11.8	21.4	1.3	4.6	0.6	1.4	0.1	0.9	0.1	15.2	8,708	0.87	12.1	8.2
	17.0	18.0	1,038	1,757	161	458	32	6.1	11.3	1.0	3.3	0.6	1.1	0.2	1.0	0.1	14.0	3,485	0.35	16.2	14.7
	18.0	19.0	1,994	3,268	284	802	57	10.4	18.9	1.6	6.4	0.9	1.6	0.2	1.0	0.1	22.9	6,469	0.65	27.4	14.8
	19.0	20.0	5,794	8,218	723	1,942	136	24.2	47.1	3.8	12.6	1.5	2.2	0.2	1.1	0.1	33.0	16,938	1.69	45.8	9.9
	20.0	21.0	9,148	14,311	1,317	3,732	246	40.9	68.6	4.5	15.5	1.7	2.7	0.3	1.4	0.2	38.1	28,928	2.89	36.6	7.9
	21.0	22.0	10,520	16,522	1,516	4,351	283	47.0	79.8	4.8	15.8	2.0	3.8	0.4	1.9	0.2	49.5	33,397	3.34	33.7	5.1
	22.0	23.0	5,524	8,464	773	2,175	141	22.9	39.3	2.6	9.6	1.2	2.3	0.2	1.0	0.1	33.0	17,189	1.72	22.2	8.0
	23.0	24.0	1,425	2,445	223	642	44	8.6	15.4	1.3	5.7	0.7	1.6	0.2	0.9	0.1	21.6	4,834	0.48	15.6	5.5
	24.0	25.0	1,290	2,371	228	696	61	11.2	22.6	2.5	10.9	1.4	2.9	0.4	1.4	0.2	43.2	4,742	0.47	35.5	13.4
	25.0	26.0	3,741	5,503	480	1,312	87	14.9	27.2	2.4	9.5	1.1	1.8	0.2	0.8	0.1	26.7	11,209	1.12	26.5	5.0
	26.0	27.0	7,447	10,196	852	2,222	122	19.9	34.0	2.9	12.9	1.4	1.9	0.1	0.6	0.1	30.5	20,943	2.09	26.1	4.5
	27.0	28.0	11,693	16,031	1,353	3,511	213	38.1	67.3	5.8	26.1	2.8	4.2	0.3	1.5	0.2	68.6	33,015	3.30	52.1	8.2
	28.0	29.0	5,864	8,525	744	2,053	133	23.3	41.4	3.6	14.7	1.7	2.3	0.2	0.9	0.1	39.4	17,446	1.74	39.4	5.8
	29.0	30.0	14,132	19,839	1,800	4,421	252	43.1	76.1	6.5	28.4	3.4	5.4	0.4	1.8	0.2	85.1	40,694	4.07	60.0	10.6
	30.0	31.0	7,260	10,515	894	2,379	147	25.6	46.5	3.5	14.9	1.8	2.4	0.2	1.3	0.1	45.7	21,337	2.13	37.8	6.3

Hole ID	From m	To m	La_2O_3 ppm	CeO_2 ppm	Pr_2O_3 ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	TREO %	Th ppm	U ppm
	31.0	32.0	14,015	20,637	1,867	4,817	302	50.0	86.3	6.0	20.7	2.2	3.5	0.2	1.3	0.1	52.1	41,860	4.19	62.8	12.6
	32.0	33.0	7,928	11,977	1,090	3,056	210	37.8	66.7	5.6	22.0	2.5	4.2	0.4	2.2	0.2	67.3	24,470	2.45	56.3	10.4
	33.0	34.0	8,972	13,635	1,226	3,394	226	38.3	64.9	4.4	14.9	1.6	2.7	0.3	1.4	0.2	40.6	27,623	2.76	47.6	13.8
	34.0	35.0	12,901	19,224	1,794	4,596	299	50.4	86.2	5.6	20.2	2.3	3.9	0.3	1.4	0.1	54.6	39,039	3.90	67.3	12.6
	35.0	36.0	6,192	9,287	819	2,251	149	27.1	46.5	3.0	10.3	1.4	2.7	0.3	1.5	0.2	34.3	18,826	1.88	39.5	12.2
	36.0	37.0	1,296	2,174	196	576	49	10.1	19.3	1.5	6.8	1.2	2.6	0.3	1.6	0.2	31.8	4,367	0.44	31.5	12.6
	37.0	38.0	897	1,437	141	420	36	7.5	14.8	1.3	6.0	0.9	2.2	0.3	1.6	0.2	25.4	2,991	0.30	27.1	11.6
	38.0	39.0	1,789	2,887	249	695	51	10.1	19.0	1.5	6.3	1.0	2.1	0.2	1.6	0.2	24.1	5,736	0.57	23.4	13.3
	39.0	40.0	2,117	3,280	290	829	63	11.8	22.8	1.8	8.0	1.2	2.7	0.3	1.8	0.2	33.0	6,663	0.67	29.1	11.9
	40.0	41.0	1,918	2,985	250	694	48	8.5	15.2	1.1	4.9	0.7	1.5	0.2	0.8	0.1	20.3	5,948	0.59	17.8	7.7
	41.0	42.0	9,629	13,205	1,101	2,858	166	28.5	47.8	3.2	11.8	1.6	2.9	0.2	1.4	0.2	40.6	27,097	2.71	32.3	9.1
	42.0	43.0	11,669	16,153	1,365	3,651	227	39.8	66.5	4.7	18.3	2.3	3.7	0.3	1.6	0.2	55.9	33,259	3.33	52.2	12.6
	43.0	44.0	4,679	6,683	587	1,650	121	22.1	39.9	3.1	14.0	2.1	4.0	0.4	2.3	0.2	55.9	13,865	1.39	36.2	11.2
	44.0	45.0	1,308	2,199	202	608	50	10.3	19.7	1.6	6.9	1.0	2.2	0.3	1.8	0.2	27.9	4,439	0.44	23.2	13.6
	45.0	46.0	1,290	2,395	210	628	56	9.8	19.6	1.9	8.6	1.2	2.7	0.3	1.9	0.3	31.8	4,657	0.47	31.1	13.3
	46.0	47.0	1,079	2,008	174	524	45	8.2	17.1	1.7	7.1	1.1	2.3	0.3	1.6	0.3	26.7	3,896	0.39	27.9	13.2
	47.0	48.0	3,049	4,742	391	1,094	73	12.0	22.8	1.8	7.2	1.0	2.1	0.2	1.3	0.2	21.6	9,420	0.94	29.1	16.6
	48.0	49.0	3,342	5,405	457	1,277	95	15.5	30.4	2.5	8.5	1.0	2.1	0.2	1.4	0.2	22.9	10,660	1.07	32.3	14.0
	49.0	50.0	1,841	3,562	320	1,010	93	16.7	36.0	3.1	11.7	1.4	3.0	0.4	2.2	0.4	34.3	6,936	0.69	29.4	14.6
	50.0	51.0	1,390	2,924	282	940	97	19.6	46.3	4.6	20.2	2.7	6.0	0.7	3.6	0.5	67.3	5,804	0.58	35.5	14.0
	51.0	52.0	1,138	2,727	291	1,042	133	27.8	71.4	7.3	31.0	4.3	10.0	1.0	5.2	0.8	109.2	5,599	0.56	46.3	16.6
	52.0	53.0	1,022	2,641	291	1,089	151	34.6	87.8	10.0	44.2	6.4	14.3	1.5	8.8	1.3	163.8	5,567	0.56	55.8	16.8
	53.0	54.0	893	2,236	253	963	137	31.5	81.5	9.2	41.0	6.3	15.0	1.5	9.8	1.4	167.6	4,846	0.48	63.9	13.2
	54.0	55.0	694	1,689	194	738	114	25.9	70.0	8.1	36.6	5.5	12.6	1.4	7.9	0.9	135.9	3,735	0.37	52.2	13.2
	55.0	56.0	647	1,536	184	708	112	25.7	69.2	8.3	39.0	5.5	13.2	1.3	8.0	1.1	146.0	3,504	0.35	51.3	15.8
	56.0	57.0	659	1,560	187	716	111	26.8	72.4	8.7	40.3	5.7	13.6	1.4	8.1	1.1	149.9	3,561	0.36	51.7	11.8
	57.0	58.0	912	2,137	222	787	89	17.8	42.9	5.3	29.4	4.9	12.1	1.3	7.4	1.0	138.4	4,408	0.44	41.9	11.7
	58.0	59.0	2,709	5,282	516	1,697	169	30.8	70.2	7.2	30.2	4.2	11.0	1.2	6.4	0.9	116.8	10,652	1.07	67.4	11.6
	59.0	60.0	1,478	3,599	384	1,353	151	30.1	71.2	8.1	38.6	6.0	15.7	1.7	9.8	1.2	166.4	7,314	0.73	51.5	11.8
	60.0	61.0	2,451	6,142	690	2,461	254	47.1	106.0	12.5	63.4	9.7	23.6	2.7	16.7	2.3	287.0	12,569	1.26	116.5	10.7
	61.0	62.0	688	1,707	210	805	122	29.0	84.4	13.8	76.1	11.9	30.3	3.6	23.2	3.4	355.6	4,164	0.42	103.5	24.6
	62.0	63.0	636	1,591	196	765	115	25.7	67.0	7.8	37.0	5.7	13.6	1.6	9.7	1.4	152.4	3,624	0.36	51.6	24.2
	63.0	64.0	1,013	2,555	279	1,038	135	28.1	68.0	7.4	33.5	5.0	12.7	1.3	8.5	1.2	130.8	5,317	0.53	60.2	26.9
	64.0	65.0	741	1,959	221	827	115	26.8	73.2	10.2	54.9	9.3	25.2	3.1	20.4	3.0	260.3	4,349	0.43	78.6	29.8
	65.0	66.0	1,024	2,629	288	1,066	146	36.6	115.8	23.8	157.2	27.4	75.9	9.3	59.3	8.1	855.9	6,521	0.65	195.0	32.3
	66.0	67.0	1,296	3,169	335	1,190	133	26.9	65.2	8.1	42.7	7.1	18.2	2.2	13.6	1.9	201.9	6,511	0.65	49.8	18.4
	67.0	68.0	765	1,941	216	814	121	27.8	75.6	9.4	51.9	8.4	22.2	2.8	16.4	2.2	241.3	4,314	0.43	48.9	13.8
	68.0	69.0	3,249	5,503	476	1,441	123	23.9	54.1	6.0	26.3	3.8	9.6	1.1	7.2	1.0	105.4	11,030	1.10	51.8	11.8
	69.0	70.0	3,002	5,270	477	1,470	126	23.7	52.6	5.7	27.9	4.2	10.8	1.1	6.5	0.8	114.3	10,593	1.06	37.3	13.9
	70.0	71.0	2,651	5,208	505	1,627	151	28.4	63.3	6.5	27.8	3.8	8.2	0.9	5.1	0.6	97.8	10,384	1.04	35.5	13.4
	71.0	72.0	1,272	3,169	340	1,213	135	27.4	67.0	7.8	37.8	5.7	14.6	1.8	12.5	1.7	154.9	6,461	0.65	40.6	15.0

Hole ID	From m	To m	La_2O_3 ppm	CeO_2 ppm	Pr_2O_3 ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	TREO %	Th ppm	U ppm
	72.0	73.0	1,196	3,243	364	1,353	148	29.5	70.8	8.5	41.1	6.4	16.9	2.2	14.8	2.1	182.9	6,680	0.67	44.5	15.6
	73.0	74.0	910	2,438	284	1,086	151	33.1	87.5	10.8	55.3	8.6	20.7	2.6	16.9	2.4	238.7	5,346	0.53	57.0	16.1
	74.0	75.0	2,246	4,950	522	1,825	180	32.8	70.5	6.8	28.4	3.8	9.2	1.0	6.6	0.9	102.9	9,987	1.00	46.4	13.4
	75.0	76.0	2,651	5,479	567	1,715	148	28.5	56.3	5.4	20.4	3.1	6.8	0.8	4.8	0.6	85.1	10,771	1.08	32.7	12.4
	76.0	77.0	2,815	5,724	590	1,755	143	28.0	59.2	6.7	30.9	5.7	14.8	1.9	10.7	1.5	174.0	11,361	1.14	53.5	14.5
	77.0	78.0	3,460	6,732	704	2,035	181	34.7	63.3	5.5	20.1	3.2	7.0	0.8	4.6	0.6	87.6	13,339	1.33	44.5	10.2
	78.0	79.0	2,316	4,299	416	1,242	121	27.1	60.7	7.2	35.1	6.5	17.2	2.4	15.8	2.3	196.8	8,765	0.88	45.0	12.9
	79.0	80.0	1,360	2,936	314	989	99	23.5	59.0	8.6	42.8	7.4	17.6	2.2	12.9	1.8	226.0	6,101	0.61	73.1	10.8
	80.0	81.0	2,082	4,459	470	1,458	134	27.0	57.1	6.5	30.8	5.4	13.4	1.7	10.1	1.5	162.6	8,919	0.89	31.7	13.8
	81.0	82.0	5,055	8,537	782	1,936	118	20.4	35.2	3.0	10.1	1.4	3.0	0.3	1.8	0.2	35.6	16,539	1.65	25.2	13.6
	82.0	83.0	3,612	6,461	605	1,516	89	14.7	24.8	2.1	7.1	1.0	1.8	0.2	1.0	0.1	22.9	12,360	1.24	14.0	8.6
	83.0	84.0	3,120	6,326	644	1,709	106	17.1	27.6	2.0	6.0	0.8	1.6	0.2	0.9	0.2	17.8	11,978	1.20	13.8	8.0
	84.0	85.0	3,964	8,046	811	2,181	137	22.4	37.0	2.9	8.3	1.0	1.7	0.2	1.0	0.1	22.9	15,236	1.52	18.6	9.1
	85.0	86.0	5,723	10,048	934	2,379	139	23.4	38.5	3.0	8.4	1.0	1.9	0.2	1.0	0.2	24.1	19,326	1.93	19.5	8.6
	86.0	87.0	4,117	8,144	803	2,094	118	18.1	28.2	2.0	5.7	0.7	1.4	0.1	0.8	0.1	16.5	15,350	1.53	14.4	8.7
	87.0	88.0	5,981	11,596	1,142	3,149	169	26.2	40.7	3.0	8.4	1.0	1.6	0.2	0.8	0.1	20.3	22,139	2.21	24.8	5.1
	88.0	89.0	3,366	6,768	702	1,895	136	24.4	47.3	4.7	20.7	3.6	9.2	1.3	7.0	0.9	109.2	13,096	1.31	27.0	10.5
	89.0	90.0	3,120	6,572	689	1,983	171	34.2	68.5	7.0	30.5	5.4	13.3	1.7	8.8	1.1	161.3	12,866	1.29	50.5	13.0
	90.0	91.0	5,629	10,441	1,015	2,729	169	28.6	46.9	3.5	10.3	1.3	2.5	0.3	1.4	0.2	29.2	20,108	2.01	28.1	8.2
	91.0	92.0	7,635	13,451	1,257	3,359	200	35.1	59.4	4.7	13.2	1.4	2.2	0.2	0.9	0.1	31.8	26,051	2.61	52.0	8.7
	92.0	93.0	8,503	15,846	1,522	4,094	220	34.0	51.3	3.7	9.8	1.1	1.8	0.2	0.7	0.1	22.9	30,311	3.03	25.5	4.7
	93.0	94.0	5,500	10,859	1,089	3,009	165	25.2	37.6	2.5	7.2	0.9	1.5	0.1	0.8	0.1	17.8	20,716	2.07	17.4	4.3
	94.0	95.0	2,674	5,884	668	1,977	175	36.5	78.2	7.4	23.0	2.6	4.5	0.5	2.9	0.4	63.5	11,598	1.16	100.5	11.0
	95.0	96.0	2,228	4,521	462	1,394	131	29.2	67.8	7.7	30.5	4.5	9.0	1.1	6.2	0.9	127.0	9,019	0.90	73.4	15.7
	96.0	97.0	2,510	4,877	481	1,371	103	20.6	41.7	3.9	11.8	1.4	2.6	0.3	1.6	0.2	35.6	9,461	0.95	49.8	11.9
	97.0	98.0	4,492	8,783	874	2,309	129	20.2	30.4	2.2	6.1	0.8	1.4	0.2	0.7	0.1	16.5	16,666	1.67	14.2	5.1
	98.0	99.0	4,445	9,004	944	2,601	176	28.8	46.6	3.4	9.9	1.2	1.9	0.2	1.0	0.1	25.4	17,288	1.73	32.2	4.6
	99.0	100.0	4,644	9,373	969	2,788	186	31.0	52.8	4.1	13.2	1.7	3.1	0.3	1.6	0.2	44.5	18,112	1.81	37.0	4.9
	100.0	101.0	5,571	12,653	1,383	4,234	321	57.0	95.6	7.0	22.0	2.7	4.9	0.5	2.5	0.4	76.2	24,431	2.44	71.0	4.3
	101.0	102.0	4,011	9,066	1,011	2,998	211	35.1	59.0	4.4	15.0	1.9	3.9	0.5	2.4	0.4	55.9	17,475	1.75	45.9	3.1
	102.0	103.0	5,219	11,903	1,317	3,989	253	38.9	55.2	3.4	9.1	1.1	1.9	0.2	1.0	0.2	22.9	22,815	2.28	25.5	3.4
	103.0	104.0	3,741	7,665	807	2,496	186	28.4	46.2	2.9	8.2	0.9	1.7	0.2	0.7	0.2	20.3	15,005	1.50	22.5	5.9
	104.0	105.0	2,897	6,314	701	2,286	185	29.1	50.3	3.3	9.5	1.0	2.1	0.2	1.4	0.2	24.1	12,504	1.25	29.8	6.3
	105.0	106.0	3,718	7,837	847	2,718	205	30.7	50.6	3.3	8.7	0.9	1.9	0.3	1.4	0.1	22.9	15,446	1.54	34.0	5.7
	106.0	107.0	3,952	7,567	745	2,164	132	19.1	31.5	2.1	6.4	0.7	1.3	0.1	0.9	0.1	17.8	14,640	1.46	18.4	7.7
	107.0	108.0	4,117	7,763	762	2,181	130	18.9	30.1	1.9	5.3	0.6	1.4	0.1	0.9	0.1	16.5	15,029	1.50	13.8	9.5
	108.0	109.0	3,835	7,567	771	2,309	159	25.2	46.3	3.3	11.0	1.1	2.3	0.3	1.5	0.2	29.2	14,762	1.48	49.7	13.5
	109.0	110.0	3,272	6,154	602	1,720	113	16.9	28.8	2.0	6.4	0.8	1.8	0.2	1.0	0.1	20.3	11,940	1.19	13.8	7.2
	110.0	111.0	4,785	9,139	917	2,671	175	25.6	43.5	3.2	9.1	1.0	1.8	0.2	0.9	0.2	24.1	17,796	1.78	28.8	8.9
	111.0	112.0	3,647	7,186	718	2,164	148	23.2	39.9	2.7	8.6	1.0	2.1	0.2	1.1	0.1	24.1	13,966	1.40	26.3	9.2
	112.0	113.0	4,656	9,164	938	2,834	206	32.3	58.2	4.2	11.5	1.2	1.9	0.2	1.3	0.2	27.9	17,936	1.79	49.4	8.8

Hole ID	From m	To m	La_2O_3 ppm	CeO_2 ppm	Pr_2O_3 ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	TREO %	Th ppm	U ppm
	113.0	114.0	4,832	9,594	992	2,974	201	29.1	47.0	3.0	9.0	1.0	1.6	0.1	0.9	0.1	21.6	18,706	1.87	29.0	17.2
	114.0	115.0	3,612	7,518	806	2,496	179	25.8	40.7	2.4	6.5	0.7	1.3	0.1	0.8	0.1	16.5	14,706	1.47	20.8	9.5
	115.0	116.0	5,090	10,478	1,102	3,394	245	38.3	65.4	4.3	12.4	1.4	2.5	0.3	1.5	0.2	33.0	20,468	2.05	38.8	6.3
	116.0	117.0	1,964	4,189	419	1,254	95	15.3	26.6	2.0	6.7	0.9	1.7	0.2	0.9	0.1	20.3	7,996	0.80	15.3	10.9
	117.0	118.0	2,979	6,302	645	1,960	143	20.2	34.9	2.2	6.4	0.7	1.4	0.1	0.8	0.1	15.2	12,111	1.21	17.3	18.4
	118.0	119.0	3,859	7,653	779	2,356	166	26.8	47.6	3.7	12.1	1.3	2.3	0.2	1.0	0.1	30.5	14,939	1.49	42.6	10.8
	119.0	120.0	7,365	13,942	1,347	3,837	234	33.2	54.4	3.9	11.6	1.3	2.1	0.2	0.9	0.1	29.2	26,863	2.69	38.7	6.3
	120.0	121.0	5,899	11,240	1,103	3,138	202	29.9	53.7	4.1	13.0	1.3	2.2	0.2	1.0	0.1	31.8	21,719	2.17	50.1	5.4
	121.0	122.0	8,878	17,259	1,806	4,887	281	38.4	61.8	4.0	11.3	1.2	2.3	0.2	1.1	0.1	27.9	33,260	3.33	30.9	3.3
	122.0	123.0	7,553	15,171	1,516	4,409	267	37.9	60.2	3.9	11.0	1.2	1.8	0.1	0.9	0.1	25.4	29,058	2.91	44.0	3.2
	123.0	124.0	9,617	19,163	1,975	5,284	311	43.7	71.1	4.7	14.2	1.5	2.5	0.2	1.0	0.1	33.0	36,522	3.65	46.9	3.1
	124.0	125.0	6,873	13,390	1,323	3,779	238	35.6	59.9	4.2	12.9	1.3	2.2	0.2	1.0	0.2	31.8	25,751	2.58	46.1	6.7
	125.0	126.0	11,658	23,217	2,428	6,695	423	60.8	98.7	6.4	16.0	1.6	2.7	0.2	0.8	0.2	33.0	44,642	4.46	62.7	2.4
	126.0	127.0	6,955	13,267	1,311	3,732	239	34.9	62.4	4.2	12.4	1.4	2.3	0.2	1.3	0.2	33.0	25,656	2.57	47.8	5.4
	127.0	128.0	7,940	14,986	1,438	3,989	242	34.6	59.2	4.3	12.3	1.5	2.7	0.3	1.7	0.2	36.8	28,749	2.87	42.1	8.1
	128.0	129.0	9,887	15,969	1,432	3,896	263	42.4	78.5	5.8	16.9	1.8	3.5	0.3	1.7	0.2	49.5	31,647	3.16	55.3	4.8
	129.0	130.0	8,421	13,451	1,174	3,138	205	32.4	61.0	4.9	16.9	1.8	2.7	0.2	1.3	0.2	44.5	26,555	2.66	51.7	4.0
	130.0	131.0	2,944	5,773	567	1,703	136	23.9	48.3	4.2	13.9	1.5	2.4	0.2	1.4	0.2	38.1	11,256	1.13	70.0	8.2
	131.0	132.0	2,240	4,607	466	1,406	100	15.3	27.0	2.1	7.0	0.8	1.4	0.2	0.9	0.1	19.1	8,892	0.89	38.7	24.5
	132.0	133.0	1,964	4,140	408	1,236	88	16.2	32.6	3.5	14.1	1.8	3.9	0.5	2.7	0.4	52.1	7,965	0.80	48.9	25.9
	133.0	134.0	3,800	7,370	729	2,181	140	22.5	40.7	3.0	9.0	1.0	1.8	0.2	1.5	0.2	25.4	14,325	1.43	55.7	20.2
	134.0	135.0	8,374	15,232	1,480	4,281	257	42.2	73.0	5.4	16.5	2.0	4.1	0.5	3.5	0.6	59.7	29,832	2.98	62.0	6.9
	135.0	136.0	18,296	30,096	2,960	7,768	530	93.0	172.3	13.8	52.5	7.0	14.0	1.4	7.2	1.1	218.4	60,230	6.02	112.0	4.6
	136.0	137.0	13,780	22,848	2,205	5,960	416	72.6	134.9	10.6	42.2	6.0	12.6	1.4	7.1	1.0	188.0	45,686	4.57	115.5	3.1
	137.0	138.0	15,540	25,919	2,525	6,660	456	81.2	144.1	11.5	43.0	5.6	11.1	1.2	5.8	0.7	171.4	51,575	5.16	102.0	3.3
	138.0	139.0	17,064	28,376	2,803	7,372	500	88.1	157.3	11.6	41.0	5.2	8.9	0.9	3.8	0.4	143.5	56,575	5.66	108.0	3.4
	139.0	140.0	12,021	21,743	2,187	6,124	435	76.3	132.0	9.1	29.2	3.3	6.1	0.6	2.3	0.3	91.4	42,860	4.29	93.3	2.6
	140.0	141.0	16,830	29,236	2,960	8,037	571	97.0	175.8	13.4	47.9	5.8	11.3	1.2	5.5	0.8	171.4	58,163	5.82	135.0	3.7
	141.0	142.0	25,098	40,292	3,927	10,929	717	126.2	228.2	18.4	68.1	9.0	16.5	1.6	7.9	1.0	252.7	81,691	8.17	146.0	5.1
	142.0	143.0	4,738	9,324	985	3,114	237	40.8	73.8	5.6	23.0	3.4	8.5	1.1	6.0	1.0	111.8	18,672	1.87	60.9	2.4
	143.0	144.0	5,782	11,203	1,115	3,336	230	39.4	71.1	5.3	20.0	2.7	5.2	0.7	3.2	0.5	77.5	21,891	2.19	61.0	6.2
	144.0	145.0	5,688	10,269	1,017	3,079	217	37.3	71.7	5.4	18.4	2.3	4.8	0.6	3.1	0.4	68.6	20,484	2.05	56.1	11.2
	145.0	146.0	4,797	9,152	928	2,776	178	30.6	53.4	3.9	12.4	1.5	2.9	0.4	2.1	0.4	41.9	17,980	1.80	35.5	15.4
	146.0	147.0	5,512	10,626	1,093	3,289	216	36.1	61.6	4.5	14.1	1.5	2.5	0.3	1.3	0.2	38.1	20,896	2.09	49.5	9.4
	147.0	148.0	6,626	12,530	1,238	3,628	222	36.0	60.4	4.5	13.3	1.6	2.7	0.2	1.5	0.2	41.9	24,406	2.44	49.0	6.4
	148.0	149.0	6,392	12,149	1,257	3,942	302	54.3	94.2	7.2	27.9	3.5	6.4	0.7	3.4	0.5	92.7	24,332	2.43	147.0	3.9
	149.0	150.0	4,163	8,243	941	3,476	373	68.7	130.2	10.5	40.6	5.5	11.7	1.2	7.1	1.0	161.3	17,634	1.76	295.0	6.7
	150.0	151.0	5,841	11,228	1,135	3,359	209	33.0	55.7	4.2	13.8	1.5	2.6	0.3	1.5	0.3	40.6	21,925	2.19	52.4	6.0
	151.0	152.0	7,283	14,127	1,444	4,316	281	47.1	83.5	6.5	24.3	3.3	6.9	0.8	3.9	0.5	101.6	27,728	2.77	53.6	10.2
	152.0	153.0	6,744	12,898	1,287	3,802	235	39.0	66.0	4.7	16.0	1.9	4.1	0.5	2.4	0.3	58.4	25,160	2.52	47.3	5.1
	153.0	154.0	3,788	7,321	727	2,228	165	30.2	57.6	5.0	20.3	2.8	6.1	0.7	3.6	0.4	78.7	14,435	1.44	53.4	10.1

Hole ID	From m	To m	La_2O_3 ppm	CeO_2 ppm	Pr_2O_3 ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	TREO %	Th ppm	U ppm
	154.0	155.0	8,386	13,881	1,293	3,686	254	44.6	80.7	6.6	22.8	2.9	6.2	0.6	3.3	0.5	85.1	27,752	2.78	57.1	6.7
	155.0	156.0	6,779	12,345	1,214	3,639	259	43.8	78.0	6.1	20.9	2.8	5.6	0.6	3.5	0.5	80.0	24,478	2.45	61.4	13.2
	156.0	157.0	4,504	8,820	884	2,659	173	30.8	59.8	5.3	20.2	2.4	4.6	0.5	2.6	0.4	68.6	17,235	1.72	64.8	11.2
	157.0	158.0	6,755	12,210	1,182	3,429	219	36.6	66.4	5.4	18.8	2.6	4.6	0.5	2.9	0.4	71.1	24,005	2.40	52.2	6.8
	158.0	159.0	7,260	13,820	1,371	4,094	253	41.6	72.5	5.3	19.1	2.3	4.6	0.5	2.9	0.4	67.3	27,014	2.70	52.6	4.0
	159.0	160.0	5,688	10,183	982	2,858	192	33.4	60.3	4.7	16.4	2.1	3.8	0.5	2.2	0.2	58.4	20,085	2.01	47.6	4.9
	160.0	161.0	2,944	5,430	513	1,493	93	15.1	26.2	2.0	7.1	1.0	1.8	0.2	1.1	0.1	24.1	10,552	1.06	24.0	8.5
	161.0	162.0	5,278	9,655	938	2,753	181	31.0	55.6	4.3	13.1	1.7	3.1	0.3	2.2	0.3	47.0	18,963	1.90	44.1	6.8
	162.0	163.0	8,503	17,259	1,818	5,540	415	69.6	115.3	7.5	22.7	2.5	4.8	0.5	3.2	0.4	67.3	33,829	3.38	76.0	4.5
	163.0	164.0	7,213	14,372	1,492	4,572	364	63.2	108.7	7.7	23.4	2.5	4.6	0.4	2.5	0.4	68.6	28,296	2.83	83.2	6.8
	164.0	165.0	5,325	9,803	968	2,858	210	36.5	64.9	5.2	16.6	1.9	3.4	0.4	2.2	0.3	49.5	19,344	1.93	67.8	7.7
	165.0	166.0	5,278	9,999	980	2,834	184	29.9	49.8	3.8	12.4	1.5	3.2	0.4	2.1	0.3	41.9	19,421	1.94	32.8	7.0
	166.0	167.0	5,747	11,461	1,184	3,534	232	36.6	58.7	3.8	11.3	1.0	2.2	0.3	1.7	0.3	30.5	22,304	2.23	38.1	5.4
	167.0	168.0	4,691	9,852	1,037	3,184	231	39.5	66.9	4.7	15.2	1.6	3.1	0.3	1.9	0.3	45.7	19,174	1.92	55.6	4.8
	168.0	169.0	2,850	5,835	594	1,802	129	21.3	36.9	2.6	9.2	1.0	1.8	0.2	1.0	0.2	26.7	11,311	1.13	33.7	4.7
	169.0	170.0	4,210	8,071	795	2,315	150	24.4	39.9	2.8	9.4	1.0	1.9	0.2	1.1	0.2	27.9	15,650	1.57	30.8	9.5
	170.0	171.0	4,421	8,193	788	2,245	141	23.3	37.9	3.1	10.3	1.2	2.3	0.2	1.3	0.2	29.2	15,898	1.59	30.5	8.1
	171.0	172.0	5,571	10,245	1,008	2,928	187	29.9	49.5	3.8	12.2	1.2	2.3	0.2	1.1	0.2	31.8	20,070	2.01	41.1	5.3
	172.0	173.0	4,844	8,967	874	2,508	152	23.5	36.7	2.5	8.7	1.0	2.3	0.2	1.5	0.2	26.7	17,447	1.74	23.1	6.2
	173.0	174.0	3,425	6,388	620	1,820	124	19.7	32.9	2.7	8.7	1.0	1.8	0.2	1.0	0.2	26.7	12,471	1.25	27.3	4.1
	174.0	175.0	5,289	9,348	881	2,461	149	22.9	37.7	2.6	9.2	1.0	2.2	0.2	1.0	0.2	25.4	18,231	1.82	28.1	6.0
	175.0	176.0	4,715	9,606	998	3,091	230	37.5	62.7	4.2	13.3	1.4	3.0	0.3	1.7	0.2	40.6	18,805	1.88	40.6	4.9
	176.0	177.0	5,735	11,277	1,165	3,581	279	50.0	87.1	6.2	20.7	2.2	4.4	0.4	2.3	0.3	61.0	22,271	2.23	69.6	3.8
	177.0	178.0	5,113	9,852	980	2,916	211	34.2	58.4	4.4	15.2	1.7	3.7	0.4	2.2	0.3	50.8	19,243	1.92	45.5	6.8
	178.0	179.0	4,527	8,243	791	2,274	152	26.1	46.7	3.8	13.3	1.5	3.3	0.3	1.6	0.2	43.2	16,127	1.61	43.6	8.2
	179.0	180.0	3,929	7,149	694	2,006	138	22.9	39.4	3.2	10.4	1.2	2.2	0.2	1.1	0.2	30.5	14,027	1.40	30.6	9.7
	180.0	181.0	3,800	6,830	648	1,860	118	19.6	33.0	2.5	7.8	0.9	1.6	0.2	0.8	0.1	21.6	13,344	1.33	27.0	10.3
	181.0	182.0	5,594	10,343	1,028	3,044	204	36.1	65.1	5.5	19.1	1.8	3.1	0.3	1.7	0.2	49.5	20,396	2.04	70.1	7.2
	182.0	183.0	5,325	9,704	946	2,764	189	31.6	53.5	3.9	13.3	1.5	2.5	0.2	1.3	0.2	36.8	19,073	1.91	40.2	7.4
	183.0	184.0	5,090	9,373	895	2,566	166	26.8	45.2	3.3	11.4	1.3	2.3	0.2	1.0	0.2	27.9	18,209	1.82	35.6	7.6
	184.0	185.0	4,844	9,410	936	2,753	180	27.2	43.9	3.1	9.6	1.0	1.8	0.2	1.0	0.2	24.1	18,234	1.82	30.3	17.8
	185.0	186.0	3,976	7,321	710	2,035	125	20.2	33.3	2.6	8.4	0.9	1.5	0.2	0.7	0.1	21.6	14,257	1.43	27.2	15.0
	186.0	187.0	8,409	14,925	1,420	4,047	273	46.1	78.0	5.7	17.7	2.0	3.4	0.3	1.5	0.2	45.7	29,274	2.93	60.0	5.4
	187.0	188.0	8,186	15,601	1,613	4,677	320	53.3	105.7	8.0	31.2	2.8	5.0	0.4	1.9	0.3	67.3	30,673	3.07	140.5	6.2
	188.0	189.0	6,943	12,653	1,226	3,546	232	39.0	64.9	4.8	17.0	1.8	2.9	0.3	1.8	0.2	43.2	24,775	2.48	52.2	8.3
	189.0	190.0	7,013	12,591	1,244	3,593	242	41.3	75.6	6.4	21.8	2.1	3.8	0.4	1.8	0.3	57.2	24,895	2.49	93.3	7.1
	190.0	191.0	7,318	12,407	1,155	3,278	228	39.8	71.4	5.4	18.1	2.0	3.4	0.3	1.4	0.3	49.5	24,577	2.46	54.7	1.7
	191.0	192.0	10,626	17,259	1,534	4,187	267	46.4	80.3	6.0	18.1	1.9	3.4	0.3	1.6	0.2	48.3	34,080	3.41	62.4	3.0
	192.0	193.0	12,784	20,453	1,951	4,969	307	48.6	89.3	6.1	20.2	2.2	3.9	0.4	1.8	0.3	54.6	40,691	4.07	52.8	3.6
	193.0	194.0	6,052	11,191	1,108	3,231	201	30.5	54.2	3.5	12.1	1.3	2.4	0.3	1.5	0.2	34.3	21,923	2.19	38.7	3.9
	194.0	195.0	13,018	21,067	2,060	5,470	390	62.9	118.7	9.1	29.8	3.2	6.0	0.6	2.7	0.4	85.1	42,324	4.23	89.7	3.4

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Hole ID	From m	To m	La_2O_3 ppm	CeO_2 ppm	Pr_2O_3 ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	TREO %	Th ppm	U ppm
	195.0	196.0	9,183	15,785	1,504	4,339	296	48.8	89.2	6.7	22.3	2.3	3.8	0.4	1.8	0.3	58.4	31,341	3.13	81.9	5.0
	196.0	197.0	12,959	20,944	2,042	5,237	337	55.5	101.8	7.6	25.3	2.7	4.4	0.4	1.8	0.3	64.8	41,784	4.18	64.2	3.2
	197.0	198.0	8,257	13,697	1,275	3,581	239	37.9	71.5	5.5	18.4	1.9	4.0	0.3	1.9	0.3	49.5	27,239	2.72	45.8	3.7
	198.0	199.0	11,705	19,224	1,849	4,806	310	49.6	90.3	6.2	20.5	2.2	3.8	0.4	1.9	0.3	54.6	38,122	3.81	52.2	4.9
	199.0	200.0	8,315	14,372	1,347	3,779	226	33.9	59.4	4.3	14.0	1.5	2.9	0.3	1.6	0.3	40.6	28,199	2.82	39.1	4.3
	200.0	201.0	12,432	19,900	1,891	4,864	315	51.1	100.2	8.1	29.3	3.2	5.6	0.5	2.5	0.4	81.3	39,684	3.97	74.7	3.3
	201.0	202.0	6,204	10,810	1,025	2,928	181	28.6	54.6	4.3	15.7	1.7	3.4	0.3	2.1	0.3	47.0	21,306	2.13	46.3	8.1
	202.0	203.0	6,333	11,326	1,119	3,359	263	42.7	80.3	5.5	17.0	1.7	3.2	0.3	1.5	0.2	43.2	22,596	2.26	51.1	2.8
	203.0	204.0	7,905	13,328	1,250	3,534	232	37.3	75.0	6.1	23.6	2.6	5.7	0.6	3.5	0.4	71.1	26,475	2.65	55.7	6.5
	204.0	205.0	7,682	13,205	1,257	3,616	245	40.0	77.5	6.1	21.0	2.2	3.9	0.4	1.9	0.3	55.9	26,213	2.62	62.0	7.7
	205.0	206.0	9,042	15,171	1,408	4,001	276	44.1	82.5	6.7	25.9	3.0	5.6	0.5	2.9	0.4	80.0	30,149	3.01	53.2	5.0
	206.0	207.0	7,787	13,881	1,317	3,767	232	34.7	62.1	4.3	14.5	1.5	3.0	0.3	1.7	0.2	40.6	27,148	2.71	39.2	6.4
	207.0	208.0	4,609	8,304	811	2,356	145	22.2	36.7	2.6	9.8	1.1	2.2	0.2	1.5	0.2	29.2	16,330	1.63	23.1	10.1
	208.0	209.0	4,480	8,562	854	2,496	158	21.7	37.8	2.7	8.4	1.0	2.1	0.2	1.4	0.2	26.7	16,652	1.67	26.7	7.6
	209.0	210.0	5,172	9,459	936	2,729	172	26.4	49.0	3.7	13.2	1.6	3.2	0.3	2.2	0.3	47.0	18,615	1.86	40.2	10.5
	210.0	211.0	6,263	10,650	1,010	2,869	180	29.3	56.1	4.3	15.7	1.7	3.8	0.4	2.4	0.3	48.3	21,135	2.11	45.5	5.0
	211.0	212.0	7,752	13,881	1,359	3,942	249	38.4	73.9	6.3	21.0	2.1	3.4	0.3	1.9	0.3	53.3	27,385	2.74	72.2	7.6
	212.0	213.0	3,249	5,958	580	1,697	111	18.1	35.5	3.0	10.7	1.2	2.4	0.2	1.5	0.2	33.0	11,700	1.17	37.2	4.2
	213.0	214.0	5,641	9,434	892	2,531	162	26.1	51.9	4.6	15.7	1.5	2.6	0.2	1.5	0.2	41.9	18,806	1.88	58.7	8.6
	214.0	215.0	6,298	11,129	1,103	3,254	224	36.2	71.6	5.9	20.1	2.2	3.9	0.4	2.1	0.3	54.6	22,206	2.22	80.9	8.8
	215.0	216.0	5,923	10,134	974	2,799	184	29.6	56.0	5.0	18.1	2.1	3.8	0.4	2.2	0.3	55.9	20,187	2.02	55.2	13.6
	216.0	217.0	6,837	11,547	1,112	3,231	230	39.4	77.0	6.3	22.2	2.3	4.4	0.5	2.6	0.4	63.5	23,175	2.32	69.2	5.7
	217.0	218.0	7,424	12,714	1,200	3,429	230	37.8	74.6	5.7	21.6	2.3	4.2	0.4	2.3	0.4	58.4	25,204	2.52	62.6	5.3
	218.0	219.0	5,829	10,429	1,023	3,009	202	31.3	62.7	5.3	17.3	1.6	2.9	0.2	1.4	0.2	41.9	20,657	2.07	59.4	3.5
	219.0	220.0	6,837	11,535	1,093	3,149	211	35.6	70.4	6.6	25.1	2.7	4.8	0.5	2.7	0.4	73.7	23,048	2.30	70.0	5.2
	220.0	221.0	7,060	12,837	1,287	3,791	240	35.2	64.1	4.6	15.2	1.5	2.4	0.2	1.0	0.2	35.6	25,375	2.54	56.9	7.9
	221.0	222.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	222.0	223.0	6,533	11,670	1,124	3,278	215	35.3	67.7	5.4	18.8	2.1	4.5	0.4	2.4	0.3	55.9	23,011	2.30	51.7	3.9
	223.0	224.0	5,899	10,908	1,110	3,301	227	35.8	62.8	5.3	17.9	1.9	3.7	0.3	2.2	0.3	52.1	21,628	2.16	64.8	6.2
	224.0	225.0	6,486	11,080	1,087	3,079	208	34.3	60.2	5.9	22.5	2.8	5.8	0.6	4.0	0.6	78.7	22,156	2.22	61.6	2.9
	225.0	226.0	6,075	11,449	1,202	3,546	230	33.9	58.3	5.1	17.0	2.0	3.8	0.3	2.5	0.4	50.8	22,676	2.27	61.1	8.3
	226.0	227.0	6,462	11,326	1,115	3,173	215	33.1	59.5	5.8	22.3	2.7	5.5	0.6	3.5	0.6	74.9	22,499	2.25	63.4	5.8
	227.0	228.0	6,533	11,780	1,226	3,593	246	38.6	80.1	8.1	35.1	5.1	12.6	1.3	9.0	1.2	158.7	23,727	2.37	76.2	5.3
	228.0	229.0	7,224	12,898	1,323	3,802	242	37.9	65.8	5.9	18.6	2.0	3.5	0.3	1.8	0.3	48.3	25,675	2.57	75.3	4.8
	229.0	230.0	7,905	13,942	1,389	3,884	242	37.4	64.9	5.1	14.2	1.4	2.7	0.2	1.3	0.2	34.3	27,524	2.75	68.4	1.9
	230.0	231.0	7,037	12,407	1,238	3,558	232	38.9	70.9	6.9	21.8	2.0	3.7	0.3	1.7	0.3	52.1	24,670	2.47	79.1	4.2
	231.0	232.0	4,140	7,911	838	2,554	194	32.0	58.3	5.0	17.1	1.7	3.0	0.3	1.5	0.2	45.7	15,803	1.58	84.2	8.0
	232.0	233.0	4,222	7,825	793	2,298	157	25.4	45.0	3.9	12.9	1.4	2.3	0.2	1.1	0.2	33.0	15,419	1.54	57.7	10.7
	233.0	234.0	6,568	12,345	1,275	3,721	245	38.3	63.6	5.3	16.5	1.7	3.2	0.3	1.8	0.3	41.9	24,326	2.43	66.0	8.8
	234.0	235.0	5,794	11,043	1,142	3,278	205	31.3	48.9	3.8	10.6	1.2	1.8	0.2	1.1	0.2	24.1	21,584	2.16	40.9	6.0
	235.0	236.0	11,517	22,725	2,525	6,928	456	69.0	111.8	8.0	21.8	2.0	3.3	0.3	1.3	0.1	44.5	44,414	4.44	86.5	2.8

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Hole ID	From m	To m	La_2O_3 ppm	CeO_2 ppm	Pr_2O_3 ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	TREO %	Th ppm	U ppm
	236.0	237.0	10,168	19,716	2,054	5,960	407	62.0	101.3	7.2	19.5	1.8	3.2	0.2	1.3	0.2	39.4	38,541	3.85	85.7	1.6
	237.0	238.0	13,546	26,779	2,984	7,978	500	76.4	121.6	8.4	23.9	2.2	3.2	0.3	1.3	0.1	48.3	52,073	5.21	94.6	1.9
	238.0	239.0	9,113	18,180	1,933	5,634	372	56.5	91.8	7.3	23.8	2.4	3.9	0.3	1.7	0.2	57.2	35,477	3.55	75.5	1.4
	239.0	240.0	7,025	13,881	1,450	4,246	276	43.0	75.2	6.6	22.3	2.1	4.1	0.3	1.7	0.2	54.6	27,088	2.71	72.4	2.4
	240.0	241.0	6,403	12,345	1,269	3,686	240	36.4	60.2	4.9	16.8	1.7	2.9	0.3	1.4	0.2	40.6	24,109	2.41	57.5	8.5
	241.0	242.0	6,005	11,080	1,121	3,278	219	33.8	56.1	4.5	14.5	1.5	2.7	0.2	1.4	0.2	39.4	21,857	2.19	53.5	6.7
	242.0	243.0	4,527	8,746	933	2,823	198	28.5	44.8	3.2	9.4	1.0	1.6	0.1	0.8	0.1	22.9	17,339	1.73	51.7	18.0
	243.0	244.0	3,659	7,309	776	2,333	161	24.2	40.2	3.0	9.3	1.0	1.7	0.2	1.0	0.2	22.9	14,341	1.43	47.5	29.0
	244.0	245.0	5,371	10,663	1,120	3,313	220	32.4	52.4	4.3	14.2	1.5	3.0	0.2	2.1	0.3	40.6	20,837	2.08	48.0	5.8
	245.0	246.0	4,926	9,938	1,080	3,301	230	33.1	52.2	3.5	10.8	1.1	2.1	0.2	1.3	0.2	26.7	19,606	1.96	45.2	3.4
	246.0	247.0	6,345	12,173	1,299	3,872	259	39.1	61.6	4.3	12.6	1.4	2.5	0.2	1.5	0.2	33.0	24,105	2.41	42.6	2.6
	247.0	248.0	5,430	10,454	1,107	3,301	214	32.3	53.0	4.1	13.0	1.4	2.5	0.2	1.5	0.2	30.5	20,644	2.06	43.0	3.2
	248.0	249.0	6,052	11,264	1,154	3,289	212	30.5	50.9	3.8	10.8	1.1	2.2	0.2	1.0	0.1	26.7	22,098	2.21	38.7	1.9
	249.0	250.0	5,747	11,228	1,185	3,499	227	32.4	50.0	3.7	12.6	1.4	2.4	0.2	1.1	0.1	33.0	22,022	2.20	30.4	3.2
	250.0	251.0	5,993	11,215	1,161	3,371	216	31.5	51.3	4.0	12.1	1.1	2.2	0.2	1.0	0.2	27.9	22,087	2.21	38.9	3.6
	251.0	252.0	5,606	10,233	1,025	2,963	191	28.8	50.4	4.3	14.7	1.5	2.5	0.2	0.9	0.1	34.3	20,155	2.02	43.5	2.5
	252.0	253.0	7,248	12,223	1,269	3,604	231	37.4	65.7	5.2	16.9	1.8	3.1	0.3	1.4	0.3	43.2	24,750	2.47	59.0	4.9
	253.0	254.0	5,289	9,348	994	2,939	219	37.6	63.6	3.9	11.1	1.2	1.5	0.1	0.7	0.1	22.9	18,933	1.89	54.0	1.1
	254.0	255.0	7,436	12,898	1,341	3,849	266	44.6	78.5	5.0	13.5	1.3	1.8	0.1	0.7	0.1	27.9	25,963	2.60	67.2	2.6
	255.0	256.0	7,260	12,247	1,269	3,593	237	40.0	71.5	5.2	14.8	1.4	1.9	0.1	0.8	0.1	27.9	24,768	2.48	57.6	2.5
	256.0	257.0	6,216	10,527	1,064	2,974	187	31.2	56.1	4.1	11.7	1.2	1.7	0.2	0.8	0.1	25.4	21,101	2.11	52.2	1.1
	257.0	258.0	4,504	8,120	871	2,531	157	26.4	48.8	3.9	11.9	1.2	1.8	0.2	0.7	0.1	25.4	16,302	1.63	53.9	1.0
	258.0	259.0	5,383	10,011	1,097	3,254	212	36.0	65.5	5.6	20.9	2.2	3.9	0.3	1.8	0.3	53.3	20,148	2.01	59.3	3.1
	259.0	260.0	5,090	9,385	1,016	2,986	187	31.2	56.0	4.8	16.8	1.7	3.0	0.3	1.8	0.3	43.2	18,823	1.88	55.8	2.3
	260.0	261.0	5,418	10,073	1,101	3,219	194	30.6	52.4	4.1	14.7	1.7	3.2	0.3	2.1	0.3	41.9	20,156	2.02	38.8	1.9
	261.0	262.0	7,400	12,345	1,287	3,686	248	42.7	79.4	6.3	20.0	2.3	3.5	0.4	1.8	0.3	52.1	25,175	2.52	76.1	1.5
	262.0	263.0	12,373	22,111	2,513	7,010	522	91.0	158.5	11.4	35.8	3.9	6.2	0.6	2.9	0.4	92.7	44,932	4.49	127.5	3.2
	263.0	264.0	16,302	31,816	3,818	11,606	887	152.8	252.4	15.6	48.3	5.1	8.8	0.8	3.8	0.5	120.6	65,037	6.50	197.0	3.6
	264.0	265.0	3,882	6,818	710	2,094	159	28.7	53.5	4.2	14.0	1.7	3.1	0.3	1.7	0.2	39.4	13,809	1.38	50.8	1.6
	265.0	266.0	15,774	31,324	3,770	11,652	895	154.0	249.0	15.6	52.0	6.1	10.2	0.8	4.1	0.6	143.5	64,051	6.41	185.5	3.8
	266.0	267.0	20,289	35,009	3,902	11,197	798	137.2	234.0	15.3	49.1	5.5	9.2	0.7	4.1	0.5	132.1	71,784	7.18	138.0	3.5
	267.0	268.0	11,529	17,198	1,625	4,316	254	41.9	71.9	5.1	17.8	2.0	3.8	0.4	1.7	0.2	50.8	35,116	3.51	40.2	1.5
	268.0	269.0	5,559	8,587	845	2,356	150	25.7	43.3	3.5	11.4	1.3	2.2	0.2	1.1	0.2	33.0	17,618	1.76	32.5	1.1
	269.0	270.0	6,368	10,343	1,021	2,799	164	26.4	43.9	3.6	12.6	1.4	2.9	0.2	1.5	0.2	36.8	20,825	2.08	29.3	1.1
	270.0	271.0	8,831	12,714	1,178	3,079	175	29.4	53.3	4.4	16.2	1.8	3.4	0.3	1.6	0.2	45.7	26,133	2.61	45.9	1.3
	271.0	272.0	8,362	12,063	1,097	2,869	162	27.4	48.0	4.1	15.2	1.8	3.3	0.3	1.9	0.3	49.5	24,705	2.47	36.6	1.3

LINDIAN RESOURCES LTD.

JORC Code, 2012 Edition – Table 1 report

Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
Sampling techniques	• *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.* • *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* • *Aspects of the determination of mineralisation that are Material to the Public Report.* • *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.*	Reverse circulation drilling sampled on 1 metre intervals. Riffle split sample mass averaging 1.5kg crushed, pulverized using standard laboratory procedures with subsample assayed using appropriate methods for rare earth element total digestion and analysis.
Drilling techniques	• *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).*	Standard reverse circulation drilling using 5 ¼ inch face sampling hammer
Drill sample recovery	• *Method of recording and assessing core and chip sample recoveries and results assessed.* • *Measures taken to maximise sample recovery and ensure*	Samples collected on a 1 drilled metre interval. Rock cuttings collected in large plastic bags marked with hole ID and interval from-to via a standard sample collection cyclone.

Criteria	JORC Code explanation	Commentary
	representative nature of the samples. • *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.*	All 1 metre interval bags are weighed in the field after removal from the sample collection cyclone. Collected sample mass is measured on a tared digital scale and recorded in drill hole data files. Sample recovery is maximized by: • Installing PVC collar pipe in the upper fractured rock zone of the hole to a depth where air loss is minimised and sample return is consistent. • Sample cyclone is sealed to plastic sample collection bags do not leak Sample return was variable with: • Occasional natural voids of up to 7 metres having <10%, often 0% return • Intervals of rock fracturing and loss of air circulation having recoveries averaging 30-60% • Competent rock proved good sample recovery averaging >90%
Logging	• *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.* • *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* • *The total length and percentage of the relevant intersections logged.*	All RC chips have been geologically logged by the onsite geologist at 1 m intervals and chip trays have been retained and photographed Logging is qualitative with fields including shade, colour, weathering, grainsize, texture, lithology, veining, mineralisation and alteration. Additional non-geological qualitative logging includes comments for sample recovery, moisture, and hardness for each logged interval.
Sub-sampling techniques and sample preparation	• *If core, whether cut or sawn and whether quarter, half or all core taken.* • *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* • *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* • *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.*	Plastic sample collection bags have been split using a 2-tier riffle splitter to achieve a ¼ sub sample of the original mass. This split is then halved in a single tier splitter to give 2 equal samples of approximately 1kg to 2kg in mass. These are denoted split A and split B Each interval is provided with a unique sample number which is written on the subsample bags and corresponding numbered sample tickets are placed within the sub sample bags and stapled into the rolled top of each bag.

<table>
<tr><th>Criteria</th><th>JORC Code explanation</th><th>Commentary</th></tr>
<tr><td></td><td>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.
Whether sample sizes are appropriate to the grain size of the material being sampled.</td><td> Both split A and split B samples are weighed with mass recorded in the drill hole file for database upload. Split A samples are dispatched for laboratory analysis. Split B samples are retained in storage at Kangankunde for future reference as required. Sample weights were recorded prior to sample dispatch. Sample mass is considered appropriate for the grain size of the material being sampled. </td></tr>
<tr><td>Quality of assay data and laboratory tests</td><td>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.
For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.
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.</td><td> Assay and Laboratory Procedures – All Samples Samples were dispatched by air freight direct to ALS laboratory Johannesburg South Africa for sample preparation.
<table>
<tr><th>ALS Code</th><th>Description</th></tr>
<tr><td>WEI-21</td><td>Received sample weight</td></tr>
<tr><td>LOG-22</td><td>Sample Login w/o Barcode</td></tr>
<tr><td>DRY-21</td><td>High temperature drying</td></tr>
<tr><td>CRU-31</td><td>Fine crushing – 70% <2mm</td></tr>
<tr><td>SPL-21</td><td>Split sample – Riffle splitter</td></tr>
<tr><td>PUL-31</td><td>Pulverise 250g to 85% passing 75 micron</td></tr>
<tr><td>CRU-QC</td><td>Crushing QC Test</td></tr>
<tr><td>PUL-QC</td><td>Pulverising QC test</td></tr>
<tr><td>LOG-24</td><td>Pulp Login w/o Barcode</td></tr>
</table>
Following sample preparation, a 30 gram pulverized subsample is shipped by airfreight to ALS Perth for analysis The assay technique used for REE was Lithium Borate Fusion ICP-MS (ALS code ME-MS81h). This is a recognised industry standard analysis technique for REE suite and associated elements. Elements analysed at ppm levels:
<table>
<tr><td>Ce</td><td>Dy</td><td>Er</td><td>Eu</td><td>Gd</td><td>Hf</td><td>Ho</td><td>La</td></tr>
<tr><td>Lu</td><td>Nb</td><td>Nd</td><td>Pr</td><td>Rb</td><td>Sm</td><td>Sn</td><td>Ta</td></tr>
<tr><td>Tb</td><td>Th</td><td>Tm</td><td>U</td><td>W</td><td>Y</td><td>Yb</td><td>Zr</td></tr>
</table></td></tr>
</table>

<table>
<tr><th>Criteria</th><th>JORC Code explanation</th><th>Commentary</th></tr>
<tr><td></td><td></td><td>Analysis for other metals is conducted by four acid digest and ICP-MS (ALS code ME-4ACD81). The elements analysed using this technique are:
<table><tr><td>Ag</td><td>As</td><td>Cd</td><td>Co</td><td>Cu</td><td>Li</td><td>Mo</td><td>Ni</td></tr><tr><td>Pb</td><td>Sc</td><td>Tl</td><td>Zn</td><td></td><td></td><td></td><td></td></tr></table>
The sample preparation and assay techniques used are industry standard and provide a total analysis.

All laboratories used are ISO 17025 accredited.

QAQC

Analytical Standards
CRM AMIS0356 and GRE-02 were included in sample batches at a ratio of 1:20 to drill samples submitted. This is an acceptable ratio.

The assay results for the standards were consistent with the certified levels of accuracy and precision and no bias is evident.

Blanks
CRM blank OREAS C26d and a blank sourced from local barren rock was included in sample batches at a ratio of 1:20 to drill samples submitted for analysis. This is an acceptable ratio.

Both CRM blanks contain some REE, with elements critical elements Ce, Nd, Dy and Y present in small quantities. The analysis results were consistent with the certified values for the blanks. No laboratory contamination or bias is evident from these results.

Duplicates
Field duplicate sampling was conducted at a ratio of 1:20 samples. Duplicates were created by replicating the sampling process from the primary sample. Duplicate samples were allocated separate sample numbers and submitted with the same analytical batch as the primary sample.</td></tr>
</table>

Criteria	JORC Code explanation	Commentary
		Variability between duplicate results is considered acceptable and no sampling bias is evident. ***Alternative Analysis Technique*** No alternative analytical method analysis has been undertaken.
Verification of sampling and assaying	• *The verification of significant intersections by either independent or alternative company personnel.* • *The use of twinned holes.* • *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* • *Discuss any adjustment to assay data.*	No independent verification of significant intersection undertaken. No twinning of drill holes was undertaken. Sampling protocols for sampling and QAQC were documented and held on site by the responsible geologist. No procedures for data storage and management have been compiled yet. Data collected in the field by hand and entered into Excel spreadsheet. Data are then compiled with assay results compiled and stored in a secure database managed by Geobase Australia a professional provider of database services. Data verification is conducted on data entry including hole depths, sample intervals and sample numbers. Sample numbers from assay data are verified prior to entry into the database. Assay data was received in digital format from the laboratory and merged with the sampling data in the database. Data validation of assay data and sampling data have been conducted to ensure data entry is correct. All assay data received from the laboratory in element form is unadjusted for data entry. Conversion of elemental analysis (REE) to stoichiometric oxide (REO) was undertaken by spreadsheet using defined conversion factors.(Source:https://www.jcu.edu.au/advanced-analytical-centre/services-and-resources/resources-and-extras/element-to-stoichiometric-oxide-conversion-factors)

Element ppm	Conversion Factor	Oxide Form
Ce	1.2284	CeO_2
Dy	1.1477	Dy_2O_3
Er	1.1435	Er_2O_3
Eu	1.1579	Eu_2O_3
Gd	1.1526	Gd_2O_3
Ho	1.1455	Ho_2O_3
La	1.1728	La_2O_3
Lu	1.1371	Lu_2O_3
Nd	1.1664	Nd_2O_3
Pr	1.2082	Pr_6O_{11}
Sm	1.1596	Sm_2O_3
Tb	1.1762	Tb_4O_7
Tm	1.1421	Tm_2O_3
Y	1.2699	Y_2O_3
Yb	1.1387	Yb_2O_3

Rare earth oxide is the industry accepted form for reporting rare earths. The following calculations are used for compiling REO into their reporting and evaluation groups:

Note that Y_2O_3 is included in the TREO calculation.

TREO (Total Rare Earth Oxide) = La_2O_3 + CeO_2 + Pr_6O_{11} + Nd_2O_3 + Sm_2O_3 + Eu_2O_3 + Gd_2O_3 + Tb_4O_7 + Dy_2O_3 + Ho_2O_3 + Er_2O_3 + Tm_2O_3 + Yb_2O_3 + Y_2O_3 + Lu_2O_3.

HREO (Heavy Rare Earth Oxide) = Sm_2O_3 + Eu_2O_3 + Gd_2O_3 + Tb_4O_7 + Dy_2O_3 + Ho_2O_3 + Er_2O_3 + Tm_2O_3 + Yb_2O_3, + Y_2O_3 + Lu_2O_3

LREO (Light Rare Earth Oxide) = La_2O_3 + CeO2 + Pr_6O_{11} + Nd_2O_3

NdPrO% = Nd_2O_3 + Pr_6O_{11}

NdPrO% of TREO= NdPrO%/TREO x 100

Criteria	JORC Code explanation	Commentary
Location of data points	• *Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.* • *Specification of the grid system used.* • *Quality and adequacy of topographic control.*	Drill hole collar locations reported are planned locations only, pending survey of actual collar positions. Some variation in actual hole locations is expected from those in this announcement Datum WGS84 Zone 36 South was used for location data planning, collection and storage. This is the appropriate datum for the project area. No grid transformations were applied to the data. Downhole surveys are planned dip and azimuth pending finalisation of downhole surveys. Topography is derived from SRTM 30 metre digital elevation database.
Data spacing and distribution	• *Data spacing for reporting of Exploration Results.* • *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.* • *Whether sample compositing has been applied.*	Drill spacing for this phase of drilling is a nominal 50 metre hole spacing on 50 metre line spacing. Topography limitations have necessitated drilling some holes off section. Evaluation of hole spacing for suitability to determine geology and grade estimation will be undertaken following this phase of drilling. No mineral resource estimation has been undertaken. No sample compositing has been used.
Orientation of data in relation to geological structure	• *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* • *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.*	The relationship between mineralisation and drill orientation is not known.
Sample security	• *The measures taken to ensure sample security.*	After collection, the samples were transported by Company representatives via road to Lilongwe and dispatched via airfreight to ALS Johannesburg South Africa. Sample shipments are managed by a professional cargo freight company and remain secure during transport.

Criteria	JORC Code explanation	Commentary
		Following sample preparation subsamples are shipped to Perth Australia by ALS using DHL. Samples are received in Australia and subject to customs inspection and quarantine treatment. Samples were subsequently transported from Australian customs to ALS Perth via road freight and inspected on arrival by a Company representative.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	No audits or reviews have been undertaken

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	• *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.* • *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.*	The Kangankunde Project comprising granted Exploration Licence EPL0514/18R and Mining Licence MML0290/22 is 100% owned by Rift Valley Resources (RVR) a Malawian registered company. Lindian Resources has a purchase agreement in place to progressively acquire 100 % of RVR.
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	Previous exploration includes: 1952-1958: Eight trenches excavated. No data records known to exist. 1959: Geological mapping, ten trenches excavated, seven drill holes drilled below main trenches. Data not sighted 1972-1981: Trench mapping and sampling, adit driven 300 metres north to south with several crosscuts. Diamond drilling from crosscuts. Pilot plant operated producing strontianite and monazite concentrate. Limited data available in hard copy only. 1987- 1990: Feasibility study activities including surface core drilling, processing studies, geotechnical and groundwater studies, estimation of “geological reserves” (Not JORC compliant). Limited data available in hard copy reports. Historical data is largely not available or not readily validated and is currently not reported.
Geology	• *Deposit type, geological setting and style of mineralisation.*	Intrusive carbonatite containing monazite as the main rare earth bearing mineral. The Kangankunde carbonatite complex is characterized by an elliptic structure centering Kangankunde Hill. The diameters in N-S and E-W directions are 900m and 700m, respectively.

Criteria	JORC Code explanation	Commentary
		In the ellipse, the following rocks are zonally arranged from the centre to the outer part; carbonatites, carbonatized breccias, wall rock / carbonatite breccias and basement rocks. The carbonatites are dolomitic, sideritic and ankeritic and at surface are distributed widely on the northern and western slopes of the Kangankunde Hill. Manganese carbonatite is found at the top and on the eastern slope of the hill. Monazite is found in all carbonatite types in varying quantities. Other associated minerals are strontianite, barite and apatite.
Drill hole Information	• *A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:* ○ *easting and northing of the drill hole collar* ○ *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* ○ *dip and azimuth of the hole* ○ *down hole 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.*	The material information for drill holes relating to this announcement are contained in Appendix 1.
Data aggregation methods	• *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.* • *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	Reported intersections are length weighted averages. No maximum or minimum grade cutting has been applied All reported intercepts are drilled within the orebody and are rare earth mineralised with the lowest grade of 0.35%TREO reported. No geological natural cut-off has been observed and an economic cut-off is not appropriate at this stage of the project. Mineralised zones of higher grade within a fully mineralised hole have been highlighted using a threshold of 2% TREO with a maximum of 5 metres of

Criteria	JORC Code explanation	Commentary
		contiguous internal waste used in the calculation. This cut-off is consistent with other similar deposits. No metal equivalents values are used.
Relationship between mineralisation widths and intercept lengths	• *These relationships are particularly important in the reporting of Exploration Results.* • *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.* • *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').*	Down hole lengths reported, true widths are not known.
Diagrams	• *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 drill hole collar locations and appropriate sectional views.*	Refer to diagrams in body of text.
Balanced reporting	• *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.*	This report contains all drilling results that are consistent with the JORC guidelines. Where data may have been excluded, it is considered not material.
Other substantive exploration data	• *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.*	Multi element analysis has been conducted including potential radionuclides uranium (U) and thorium (Th) which are both reported in Appendix 2
Further work	• *The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).* • *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	Future work programs are intended to evaluate the economic opportunity of the project including extraction optimization, and resource definition.