KANGANKUNDE CONTINUES TO DELIVER OUTSTANDING HIGH GRADE RARE EARTHS ASSAYS

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

HIGHLIGHTS

- **Rare earths assays *up to 9.5% TREO***
- **186 metres from surface to EOH averaging 2.97% TREO in KGKRC007, the highest-grading hole to date, including:**
    - **24 metres @ 3.00% TREO from surface**
    - **65 metres @ 3.64% TREO from 58 metres**
    - **29 metres @ 3.71% TREO from 136 metres**
    - **16 metres @3.24% TREO from 170 metres to end of hole**
- **117 metres from surface to EOH averaging 2.76% TREO in KGKRC005 including:**
    - **82 metres @ 3.12% TREO from surface including 4 metres @ 6.31% from 16 metres**
- **131 metres from surface to EOH averaging 2.14% TREO in KGKRC009 including:**
    - **50 metres @ 2.75% TREO from 81 metres to end of hole**
- **32 metres from surface averaging 2.68% TREO in KGKRC011 (stopped due to broken ground), including:**
    - **19 metres @ 3.08% from 13 metres to the end of hole**
- **Encouragingly, KGKRC010 was drilled entirely in a mixed breccia comprising carbonatite and altered wall rock intersecting 138 metres averaging 1.47% TREO**
- **All holes started and terminated in mineralisation. Holes KGKRC005, KGKRC007 and KGKRC009 will be extended by core drilling**
- **Rare Earths critical metal elements of neodymium-praseodymium (NdPr) average ratio of 19% of TREO content**
- **Assays demonstrate that mineralisation is non-radioactive with very low average uranium and thorium levels**
- **At 21st January 2023 drilling totalled 32 holes of RC for 5,551 metres and 4 core holes for 834 metres with assays reported for the first 11 holes drilled (covering 1,817 metres); further assays will be reported progressively in the coming weeks**

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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, KGKRC005, KGKRC007, KGKRC009 KGKRC0010 and KGKRC011. All holes have intersections of non-radioactive material with excellent grade for their entire lengths (surface to End of Hole) and with a large percentage of critical Rare Earths metal elements of NdPr.

COMMENT

Lindian's Chief Executive Officer, Alistair Stephens commented: *"These assays are without doubt extremely encouraging from the perspective of the size of the mineralised body as we have continued to intersect very broad, high grade intercepts of non-radioactive mineralisation from surface with all holes terminating in mineralisation.*

The fact that Hole KGKRC007, located on the westerm edge of the carbonatite, was our highest grading hole to date provides a high degree of confidence that the assay grade of the central carbonatite unit is likely to be largely consistent throughout and to depth.

In addition, we are highly encouraged by what we have encountered in hole KGKRC010, as it is the first time we have drill-tested the mixed breccia zone of carbonatite and altered wall rock which borders the high-grade carbonatite, and to have intersected 138 metres grading 1.47% in material that we anticipated to be much lower grade is very significant and builds the case that the breccia surrounding and intruding into the carbonatite on the edges could host significant additional rare earths mineralisation.

All our efforts are focused on delivering the maiden Mineral Resource Estimate in Q2 and preliminary metallurgical test work results this quarter and with these latest results we remain on track to achieve these milestones. With a fully permitted mining project, we are exceptionally well-placed to advance Kangankunde's development rapidly. We look forward to reporting on more operational progress over the coming weeks."

DRILL ASSAY RESULTS

Assay results have been received for a further five (5) reverse circulation (RC) holes, KGKRC005, KGKRC007, KGKRC009, KGKRC010 and KGKRC011 from the Phase 1 drilling program on the Kangankunde Rare Earths Project.

These holes were designed to evaluate two areas:

1. KGKKRC005 and KGKKRC007 targeted discrete carbonatite zones on the western side of the complex observed from surface mapping (Figure) to be within a mixed breccia host.

   Assay results from these drill holes show both holes intersected thick high-grade rare earths mineralisation including **82 metres at 3.12%** TREO in KGKRC005. Thick intersections of mineralization including assays of **65 metres at 3.64%** followed by **29 metres at 3.71%** in KGKRC007.

   Examination of drill core of the unassayed KGKRCDD003 indicates this high-grade carbonatite hosted mineralisation is bounded to the east by a mixed breccia of carbonatite and wall rock as also indicated by the surface mapping.

   Mineralisation is present at the end of both holes, and they will be extended by core drilling.

2. The main central carbonatite to the east of KKRC007 and approximately 50 to 100 metres south of previously reported TREO assay intercepts[1].

   Hole KGKRC009 and KGKRC010 both intersected mixed breccia with KGKRC009 passing into the main carbonatite body at 38 metres depth.

[1] ASX releases: 5th January 2023 "Kangankunde Delivers Outstanding High Grade Rare Earth Assays" and 16th January 2023 " Kangankunde Delivers More Outstanding Rare Earths Assays"

KGKRC009 was mineralised throughout with the carbonatite from 81 metres to 131 metres (EOH) recording **50 metres 2.75% TREO.** KGKRC009 will be extended with core drilling further east to test the full width of the central carbonatite.

KGKRC010, a vertical hole, was drilled entirely in consistently mineralised mixed breccia of carbonatite and altered wall rock, with the entire hole intersecting **138 metres at 1.47% TREO.**

KGKRC11, a vertical hole drilled 60 metres south-south-west of KGKRC010 in the central carbonatite was stopped at 32 metres depth due to broken ground. The hole intersected carbonatite for its full depth with **32 metres at 2.68% TREO** including **19 metres at 3.08%** from 13 metres to the end of hole. This area will be subject to follow up drilling later in the program.

Significant intersections of drill holes from both zones are listed in Table 1 with hole locations in plan view on with interpreted geology in Figure 1.

Table 1: Significant rare earth intersections*

Hole ID	From (m)	To (m)	Intersection (m)	TREO ppm	TREO %	NdPrO** ppm	NdPrO% of TREO***
KGKRC005	**0**	**117 (EOH)**	**117**	**27,637**	**2.76%**	**4,478**	**16%**
Including	12	94	82	31,187	3.12%	4,976	16%
KGKRC007	**0**	**186 (EOH)**	**186**	**29,698**	**2.97 %**	**5,072**	**17%**
Including	0	24	24	29,950	3.00%	5,583	19%
	58	123	65	36,387	3.64%	6,098	17%
	136	165	29	37,087	3.71%	6,096	16%
	170	186 (EOH)	16	32,404	3.24%	5,402	17%
KGKRC009	**0**	**131 (EOH)**	**131**	**21,397**	**2.14 %**	**4,678**	**22%**
Including	58	76	18	22,370	2.24 %	5,106	23%
	81	131 (EOH)	50	27,487	2.75 %	5,921	22%
KGKRC010	**0**	**138 (EOH)**	**139**	**14,793**	**1.48%**	**3,198**	**22%**
Including	24	31	7	28,960	2.90%	6,787	23%
	47	**52**	**5**	**30,305**	**3.03%**	**6,223**	**21%**
KGKRC011	**0**	**32 (EOH)**	**32**	**26,801**	**2.68%**	**4,678**	**17%**
including	13	32 (EOH)	19	30,830	3.08%	5,236	17%

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

*** 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 19% of the TREO in all holes reported in this release.

Non-Radioactive Mineralisation

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

The western high-grade rare earths intercepts in the western holes KGKRC005 and KGKRC007 both show markedly lower levels of radionuclides than the eastern holes. This also indicates likely different carbonatite phases with some compositional variation.

Table 2: Average radionuclides thorium and uranium content

Hole ID	From (m)	To (m)	Intersection (m)	Th ppm	U ppm
KGKRC005	0	117(EOH)	117	30.0	3.2
KGKRC007	0	186 (EOH)	186	32.9	2.5
KGKRC009	0	131 (EOH)	131	57.8	12.2
KGKRC010	0	138 (EOH)	138	48.0	17.2
KGKRC011	0	32 (EOH)	32	79.7	2.55

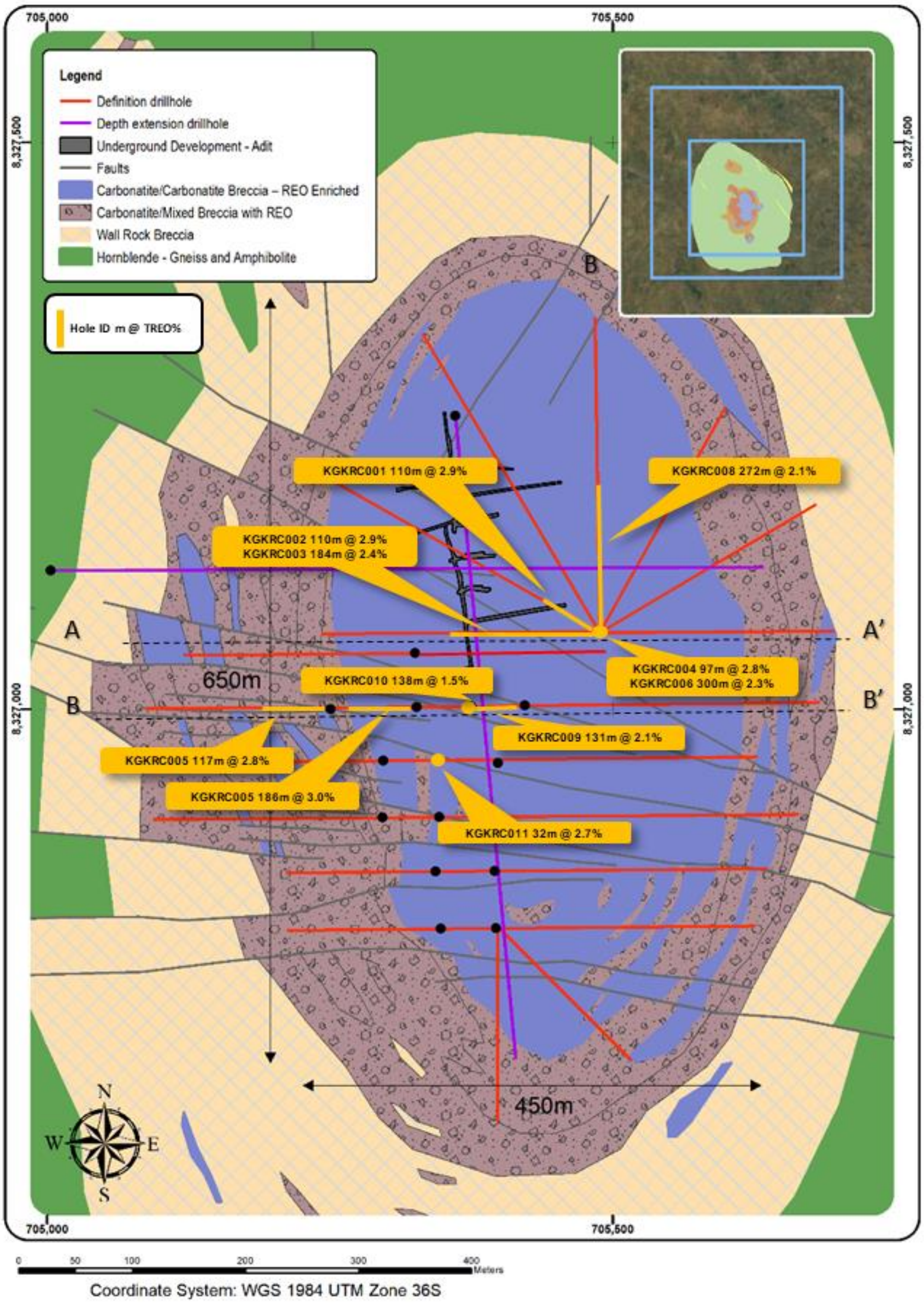

Figure 1: Kangankunde central carbonatite geology plan with drill intersections reported to date

ROCK EXAMPLES IN DRILL CORE

The Phase 1 drilling program is presenting core samples of the deposit that are allowing classification of the rock types and mineralisation by the geology team.

The most common rock type seen is carbonatite, which is variably altered with iron oxide, manganese oxide and pink potassic alteration. To date all the carbonatite assayed has been mineralised with rare earths elements hosted in the mineral monazite. A typical monazite contains various quantities of light rare earths with the most common composition being (Ce,La,Nd,Th)PO_4. Thorium is typically elevated in most monazite occurrences. The monazite at Kangankunde has an unusual variation including rare earths elements like praseodymium (Pr) but with very low thorium levels (Ce,La,Nd,Pr)PO_4. Figure 2 show iron and manganese oxide containing coarse green monazite.

Kangankunde contains brecciated rocks related to wall fracturing during the intrusive formation including mixed breccias of carbonatite and the wall rock, often altered gneiss. This rock is being called a mixed breccia and contains mineralisation in monazite bearing carbonatite occurring as clasts and matrix. Figure 3 shows core of mixed breccia with white-grey-brown carbonatite fragments and pink potassium altered gneiss.

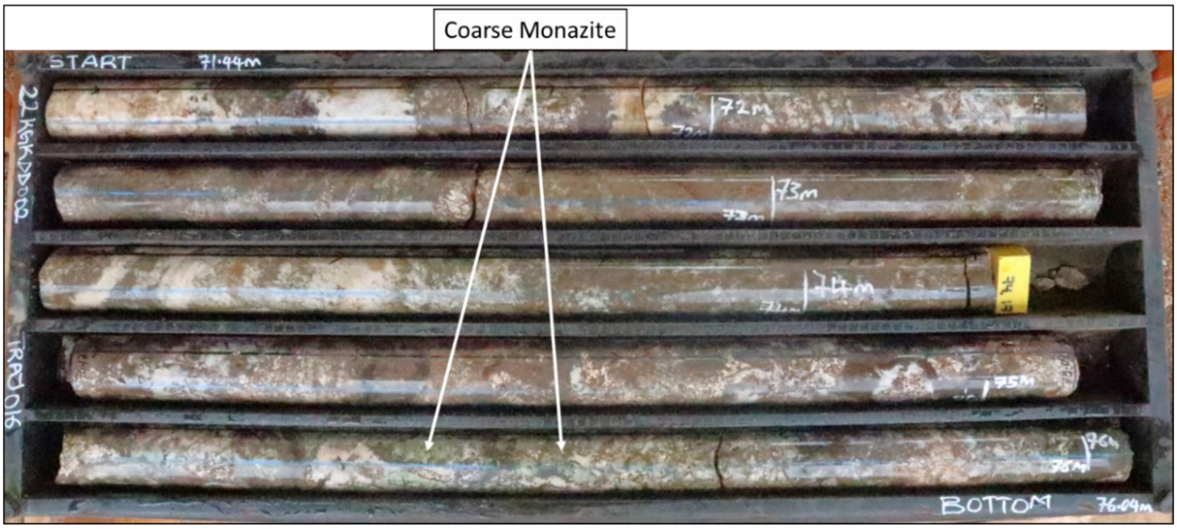

Figure 2: Carbonatite with green coarse monazite mineralisation visible. KGKDD002 71.44m to 76.09m

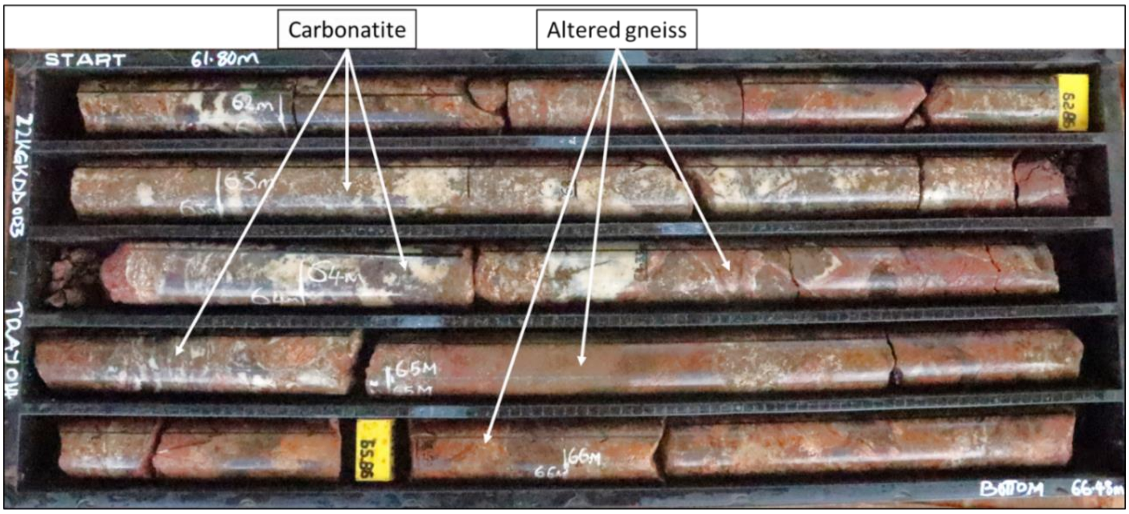

Figure 3 Mixed breccia rock with carbonatite (white-grey- brown) and altered wall rock (pink- red) fragments: KGKDD003 61.8m to 66.48m

PHASE 1 PROGRAM STATUS

A total of 32 RC holes for 5,551 drill metres and 4 core drill holes for 834 metres had been completed as at the end of day on 21 January 2023, the status of the drill hole sampling and assay is as follows:

Table 3: Completed drill hole sampling and assay status as at 21st 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			✓		
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KGKRC025			✓		
KGKRC026			✓		
KGKRC027				✓	
KGKRC028				✓	
KGKRC029				✓	
KGKRC030					✓
KGKRC031					✓
KGKRC032					✓
KGK DD001			✓		
KGK DD002				✓	
KGKDD003					Sampling commenced
KGKDD004					Sampling commenced

PREVIOUSLY REPORTED DRILL RESULTS

Table 4 summarises previous drill results and the related ASX release date. Figure 4 shows the previously reported intersections and pending drill results with the planned deep exploration hole to be conducted in Phase 2 of the drilling program.

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
KGKRC003	0	184	184	2.4	21%	16th January 2023
KGKRC004	0	97	97	2.8	20%	16th January 2023
KGKRC006	0	300	300	2.3	20%	16th January 2023
KGKRC008	0	272	272	2.1	19%	16th January 2023

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

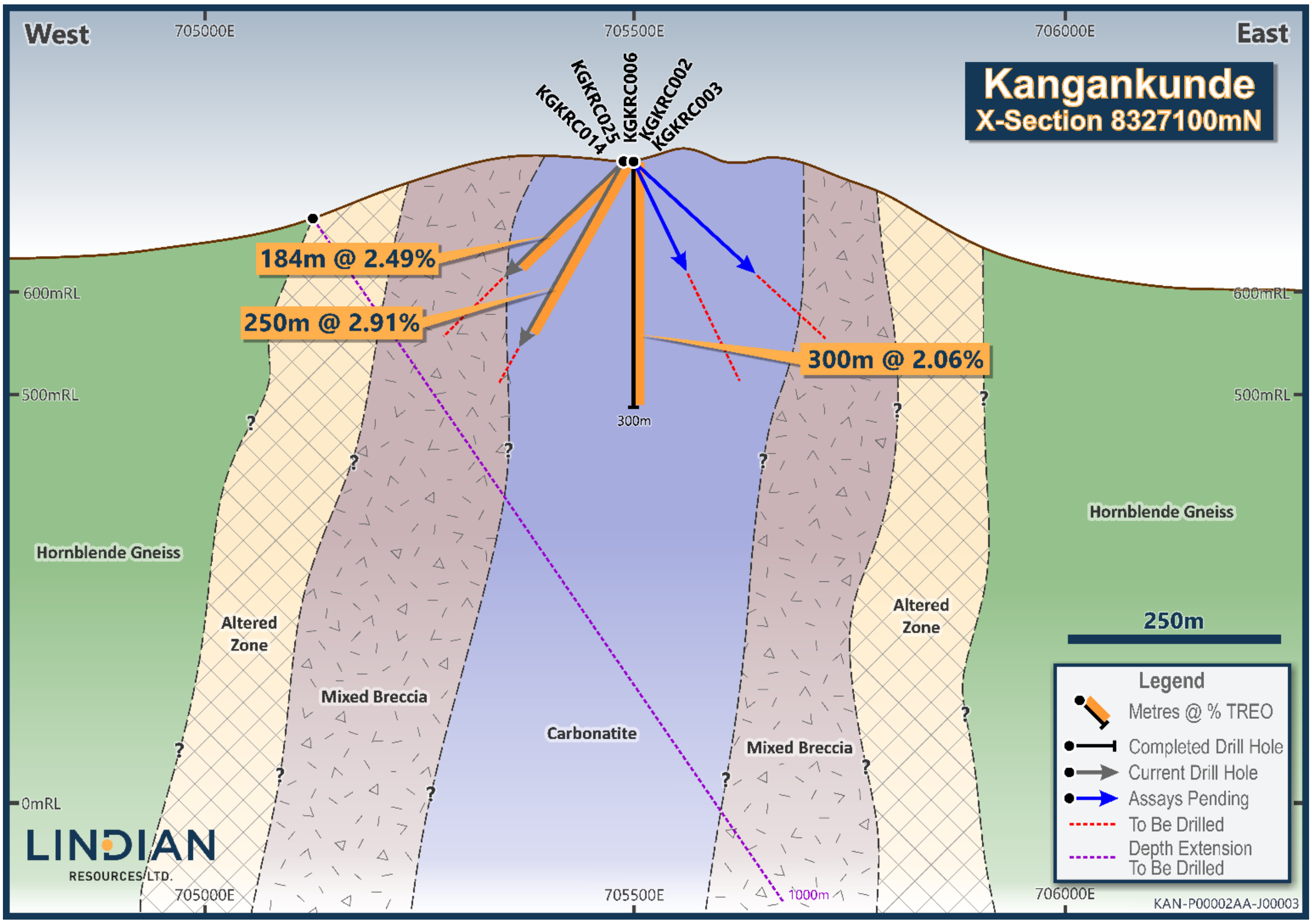

Figure 4: 8327100mN cross section showing holes with previously reported and pending results.

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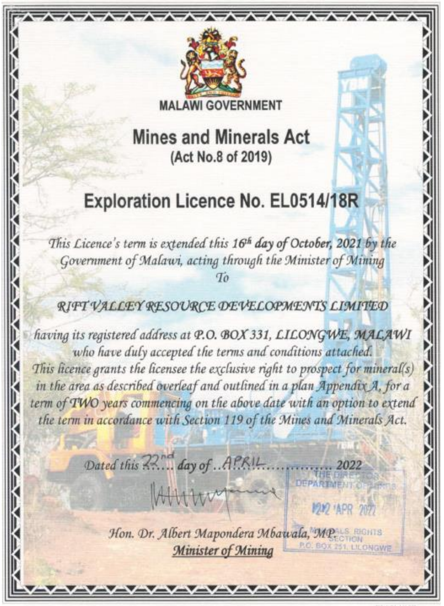
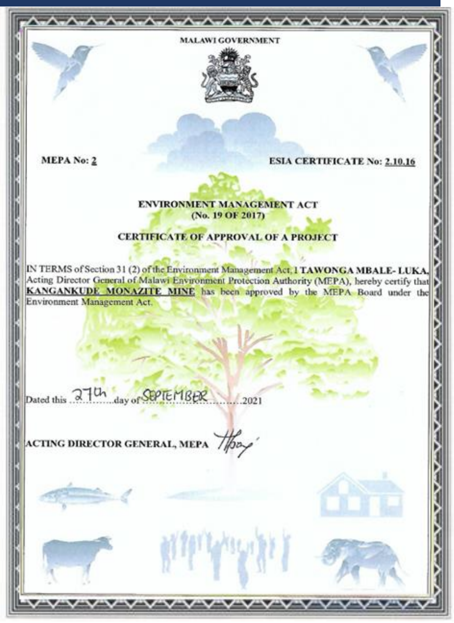
TENURE AND LICENCES

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.

EXPLORATION LICENCE	MINING LICENCE	ENVIRONMENTAL LICENCE





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 2). 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 2) and are designed to allow drilling to continue during the wet season. 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 Drll Program has not yet commenced.

-ENDS-

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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 MML0290, has been subject to significant 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.

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.

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.

Guinea is a country in western Africa located on the Atlantic coast. Most of the country has a humid tropical climate. Its topography varies from coastal plains to inland mountains that account for about 60 per cent of the land area. Several of West Africa's major rivers, in particular the Niger, Senegal and Gambia, all originate from these highlands, making Guinea the 'water tower" of West Africa. Its developing mixed economy is based on agriculture, mining, and trade. Over 80% of its population of ~12 million people are engaged in agriculture. Major crops include rice, bananas, cashews, cocoa and coffee. Its Atlantic shoreline supports a large-scale fishing industry and has developed large commercial harbors, such as Conakry and Kamsar. Guinea is endowed with huge deposits of mineral resources. It has extremely large high-quality deposits of bauxite (nearly one-third of the world's total bauxite resources) and iron ore and is a gold and diamond producer. Mining currently contributes 25% of Guinea's GDP. Thanks to these mineral resources, Guinea has the potential of being one of Africa's richest countries. Guinea, under the name French Guinea, was a part of French West Africa achieved independence in 1958. It remained relatively stable politically until the 1990s when Guinea accommodated several hundred thousand war refugees from neighbouring Liberia and Sierra Leone, and since this time conflicts between those countries and Guinea have continued to flare up over the refugee population since. Recently in September 2021, Lt Col Doumouya, the commander of country's special forces, overthrew the President in a military coup; establishing a National Committee of Reconciliation and Development with himself as chairman, ordering the release of political prisoners, and announcing an 18-month transition to democracy. In recent months, despite the current complex political landscape, tensions in the country have settled and life in Guinea has returned to normality.

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 Statements

The information in this Report that relates to exploration results is based on information compiled by Mr. Alistair Stephens, who is a Fellow of the Australian Institute of Mining and Metallurgy (AusIMM). Mr. Stephens is the Chief Executive Officer of Lindian Resources Limited. Mr. Stephens 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. Stephens consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.

Unless otherwise stated, where reference is made to previous releases of exploration results in this announcement, the Company confirms that it is not aware of any new information or data that materially affects the information included in those announcements and all material assumptions and technical parameters underpinning the exploration results included in those announcements continue to apply and have not materially changed.

The information in this report that relates to previous Exploration Results was prepared and first disclosed under the JORC Code 2012 and has been properly and extensively cross-referenced in the text to the date of the original announcement to the ASX.

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
KGKRC005	705234	8326997	782	RC	117	270	-45
KGKRC007	705310	8326989	793	RC	186	270	-50
KGKRC009	705386	8327001	800	RC	131	090	-60
KGKRC0010	705385	8327001	800	RC	139	000	-90
KGKRC0011	705342	8326942	796	RC	32	000	-90

* Planned hole orientations.

Appendix 2: Analytical Results KGKRC005, KGKRC007, KGKRC009, KGKRC010 and KGKRC011

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
KGKRC005	0	1	8,257	14,864	1,335	3,989	276	48.8	86.1	6.6	20.9	2.6	5.4	0.5	3.2	0.4	66.0	28,961	2.90	39.0	2.5
	1	2	6,873	12,284	1,125	3,394	249	45.9	89.7	7.4	25.1	3.0	6.5	0.7	3.5	0.4	80.0	24,187	2.42	28.9	2.0
	2	3	3,988	7,751	716	2,205	175	32.9	66.6	5.7	19.9	2.4	5.4	0.5	2.3	0.3	68.6	15,039	1.50	12.2	2.0
	3	4	3,296	6,486	579	1,709	121	21.8	43.3	3.5	12.4	1.6	3.2	0.3	1.5	0.1	40.6	12,319	1.23	11.6	0.2
	4	5	5,712	10,061	877	2,531	168	28.8	56.5	4.5	15.2	1.9	3.2	0.3	1.3	0.1	43.2	19,503	1.95	18.5	0.4
	5	6	10,637	17,259	1,432	3,966	235	38.3	71.6	5.4	15.6	1.7	3.1	0.2	1.0	0.1	43.2	33,710	3.37	32.3	0.7
	6	7	11,646	18,549	1,528	4,176	254	43.5	80.5	6.0	17.5	1.9	3.4	0.3	1.3	0.2	48.3	36,356	3.64	40.7	1.0
	7	8	2,733	4,668	393	1,147	88	17.5	37.3	3.7	15.4	2.1	4.4	0.5	3.0	0.4	63.5	9,175	0.92	21.0	1.9
	8	9	12,080	17,136	1,329	3,511	204	33.8	59.8	4.2	12.6	1.2	2.1	0.2	0.9	0.1	30.5	34,405	3.44	31.4	1.1
	9	10	6,403	9,274	714	1,884	109	19.7	36.0	3.1	10.1	1.3	2.4	0.3	1.5	0.2	34.3	18,493	1.85	19.4	1.1
	10	11	3,120	5,172	419	1,184	92	18.1	38.6	4.3	16.1	3.1	8.9	1.4	4.0	1.1	68.6	10,150	1.02	17.0	3.2
	11	12	2,146	3,501	273	779	69	14.6	33.2	3.5	14.0	2.2	5.5	0.7	3.0	0.5	59.7	6,905	0.69	10.7	1.2
	12	13	8,186	11,903	936	2,473	143	24.2	45.8	3.7	11.4	1.3	2.4	0.3	1.3	0.2	34.3	23,766	2.38	23.1	0.7
	13	14	10,285	16,522	1,408	3,966	249	41.8	76.7	6.0	18.8	2.2	4.4	0.3	1.8	0.2	55.9	32,638	3.26	42.7	0.9
	14	15	8,948	14,495	1,238	3,499	217	36.1	61.9	4.6	13.5	1.4	2.5	0.3	1.4	0.2	38.1	28,558	2.86	33.7	1.0
	15	16	4,375	6,719	536	1,441	85	14.4	24.6	1.7	4.1	0.4	0.9	0.1	0.5	0.0	11.4	13,214	1.32	13.5	0.3
	16	17	15,246	22,418	1,752	4,607	262	43.8	77.9	5.6	14.5	1.5	2.2	0.2	0.8	0.1	34.3	44,467	4.45	38.6	0.5
	17	18	12,725	17,075	1,462	3,767	224	39.5	70.2	4.5	12.9	1.3	1.9	0.2	0.7	0.1	26.7	35,411	3.54	27.4	0.7
	18	19	26,740	39,063	3,202	7,908	433	68.2	121.0	8.8	24.0	2.3	3.7	0.3	1.4	0.2	53.3	77,629	7.76	61.7	0.9
	19	20	33,190	47,539	3,890	9,425	504	83.0	142.4	10.3	26.7	2.7	4.1	0.3	1.4	0.1	63.5	94,883	9.49	82.9	0.9
	20	21	11,224	15,969	1,226	3,219	185	30.8	56.5	4.0	10.7	1.1	2.1	0.1	0.8	0.1	22.9	31,952	3.20	30.7	0.6
	21	22	5,524	8,918	732	2,024	121	20.3	35.5	2.6	8.0	0.9	1.7	0.1	0.8	0.1	21.6	17,410	1.74	13.5	4.2
	22	23	7,025	10,933	874	2,333	125	19.6	32.5	2.1	6.0	0.7	1.4	0.1	0.6	0.1	15.2	21,368	2.14	12.8	1.8
	23	24	12,021	18,180	1,456	3,837	211	35.6	53.6	3.8	9.6	1.0	1.8	0.2	0.8	0.1	22.9	35,835	3.58	25.8	1.0
	24	25	16,536	25,428	1,981	5,237	293	46.9	82.4	6.1	17.5	1.8	3.1	0.3	1.1	0.1	44.5	49,680	4.97	43.2	1.2
	25	26	16,126	24,814	1,975	5,342	333	56.7	104.1	8.4	27.7	3.1	6.1	0.5	2.4	0.3	77.5	48,877	4.89	66.8	1.1
	26	27	6,181	9,913	830	2,379	166	28.7	52.6	4.2	13.9	1.7	3.1	0.3	1.8	0.2	39.4	19,615	1.96	42.6	0.8
	27	28	6,509	10,454	870	2,391	142	22.7	38.6	2.7	7.7	0.8	1.5	0.1	0.6	0.1	20.3	20,461	2.05	18.4	2.1
	28	29	6,837	10,847	889	2,403	140	22.0	35.9	2.4	6.9	0.7	1.1	0.1	0.6	0.0	17.8	21,203	2.12	16.5	0.6
	29	30	8,597	13,574	1,097	2,963	166	26.8	46.5	3.0	8.3	0.9	1.5	0.1	0.8	0.1	21.6	26,505	2.65	19.6	0.6
	30	31	2,035	3,059	244	630	37	6.8	12.9	1.0	2.2	0.3	0.7	0.2	0.2	0.1	5.1	6,034	0.60	5.7	0.2
	31	32	6,497	9,618	806	2,082	118	19.5	34.2	2.3	6.3	0.7	1.4	0.1	0.5	0.1	14.0	19,201	1.92	13.0	0.6
	32	33	7,541	11,240	954	2,531	141	22.2	38.0	2.5	7.2	0.6	1.5	0.1	0.5	0.1	16.5	22,497	2.25	16.0	1.7
	33	34	1,331	1,910	166	429	28	4.6	8.1	0.6	1.4	0.2	0.3	0.0	0.1	0.0	3.8	3,883	0.39	3.8	0.2
	34	35	7,295	10,257	854	2,245	141	23.7	45.0	3.2	9.0	1.1	2.3	0.2	1.1	0.2	29.2	20,907	2.09	17.9	0.6
	35	36	23,339	32,675	2,851	6,707	357	56.3	99.5	7.1	19.3	2.4	3.9	0.6	1.8	0.5	48.3	66,169	6.62	47.1	1.2
	36	37	11,376	15,908	1,305	3,289	187	30.3	57.2	4.1	11.1	1.3	1.7	0.2	0.8	0.1	25.4	32,197	3.22	22.3	0.6
	37	38	2,439	3,648	301	790	49	8.8	16.0	1.2	3.9	0.5	1.0	0.1	0.5	0.1	11.4	7,271	0.73	8.7	0.2

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	39	1,495	2,168	187	489	29	5.3	9.0	0.6	1.8	0.2	0.2	0.0	0.2	0.0	5.1	4,391	0.44	4.0	0.2
	39	40	5,465	7,604	611	1,563	87	14.4	26.2	1.9	5.2	0.6	0.9	0.1	0.3	0.1	11.4	15,391	1.54	12.8	0.2
	40	41	11,963	17,013	1,456	3,814	228	37.6	64.2	4.6	11.3	1.1	1.7	0.1	0.7	0.1	24.1	34,619	3.46	28.4	0.5
	41	42	10,250	14,741	1,226	3,103	169	26.8	42.7	3.0	6.7	0.6	0.9	0.1	0.3	0.0	12.7	29,582	2.96	17.2	0.4
	42	43	17,533	25,674	2,169	5,610	322	52.8	93.6	6.8	19.6	2.0	3.1	0.3	1.0	0.2	45.7	51,533	5.15	53.9	0.6
	43	44	13,722	18,979	1,589	4,071	245	43.4	81.7	6.5	19.6	2.1	3.7	0.4	1.7	0.3	53.3	38,818	3.88	57.0	0.8
	44	45	12,138	19,224	1,728	4,736	319	54.7	100.3	6.9	19.3	2.2	3.5	0.4	1.5	0.2	49.5	38,384	3.84	64.7	0.8
	45	46	15,716	23,647	2,042	5,424	343	57.2	101.4	6.9	19.4	2.2	3.4	0.3	1.5	0.2	49.5	47,413	4.74	54.9	0.7
	46	47	10,121	16,092	1,468	4,047	276	48.2	86.1	6.3	19.7	2.2	3.7	0.4	1.7	0.2	50.8	32,224	3.22	57.8	0.6
	47	48	10,074	15,416	1,371	3,721	239	40.3	73.1	5.4	15.4	1.8	3.2	0.3	1.5	0.2	40.6	31,003	3.10	35.9	3.0
	48	49	6,673	10,380	925	2,554	159	27.0	48.6	3.4	10.1	1.3	2.3	0.2	1.0	0.1	27.9	20,815	2.08	22.6	4.9
	49	50	5,360	8,378	736	2,006	135	23.6	44.1	3.7	12.2	1.6	3.1	0.3	1.1	0.2	38.1	16,742	1.67	14.8	5.5
	50	51	5,864	9,041	816	2,280	162	28.1	54.1	4.3	13.2	1.5	2.7	0.3	1.3	0.1	33.0	18,302	1.83	47.0	3.7
	51	52	8,280	12,530	1,079	2,869	171	28.6	52.0	3.9	11.4	1.2	2.2	0.2	0.7	0.1	27.9	25,057	2.51	27.3	0.3
	52	53	6,556	10,503	933	2,589	168	27.7	50.6	3.6	9.6	1.1	1.8	0.2	0.8	0.1	26.7	20,871	2.09	25.5	0.5
	53	54	20,583	32,307	3,045	7,757	475	76.9	134.3	9.2	24.9	2.6	4.5	0.4	1.3	0.2	57.2	64,477	6.45	68.0	1.0
	54	55	8,784	13,267	1,153	3,091	190	30.3	53.4	4.0	11.3	1.2	1.7	0.1	0.8	0.1	25.4	26,613	2.66	28.2	0.4
	55	56	9,054	14,249	1,275	3,511	214	33.7	59.1	3.6	10.4	1.0	1.7	0.2	0.7	0.1	21.6	28,435	2.84	24.8	0.4
	56	57	6,181	9,496	832	2,245	144	24.2	41.6	2.9	8.6	1.0	1.9	0.2	0.8	0.1	25.4	19,004	1.90	18.8	0.4
	57	58	6,626	9,999	857	2,298	148	24.4	44.5	3.2	9.6	1.1	1.8	0.2	0.6	0.1	24.1	20,037	2.00	22.2	0.7
	58	59	6,591	10,061	863	2,309	144	23.0	41.7	2.8	8.6	1.0	1.6	0.1	0.7	0.1	22.9	20,071	2.01	19.8	1.8
	59	60	7,658	11,952	1,061	2,858	171	28.3	48.2	3.0	8.2	1.0	1.6	0.2	0.8	0.1	21.6	23,813	2.38	20.1	3.1
	60	61	6,474	10,945	973	2,671	163	25.7	42.4	2.7	7.8	0.8	1.6	0.1	0.8	0.1	19.1	21,327	2.13	19.5	3.0
	61	62	21,697	35,624	3,383	8,456	504	77.2	123.3	7.8	22.3	2.1	3.0	0.2	1.0	0.1	44.5	69,946	6.99	52.1	1.8
	62	63	7,400	12,186	1,069	2,916	180	28.4	48.6	3.4	10.6	1.1	2.2	0.2	1.1	0.1	30.5	23,877	2.39	19.8	6.7
	63	64	6,544	10,110	869	2,257	133	21.4	36.7	2.4	7.1	0.8	1.5	0.1	0.6	0.1	19.1	20,002	2.00	15.0	5.2
	64	65	7,764	11,952	1,009	2,624	158	27.1	46.5	3.7	11.9	1.2	2.2	0.2	1.1	0.1	31.8	23,634	2.36	29.4	3.2
	65	66	10,379	16,645	1,468	3,919	234	37.5	62.4	3.9	11.5	1.2	1.8	0.2	0.7	0.1	22.9	32,787	3.28	28.7	3.3
	66	67	8,010	12,898	1,133	3,068	216	38.4	68.0	5.1	16.3	1.5	2.3	0.2	1.1	0.2	38.1	25,496	2.55	50.6	5.4
	67	68	11,095	17,935	1,613	4,397	276	44.7	72.0	4.8	13.5	1.4	2.3	0.2	0.9	0.2	29.2	35,485	3.55	36.5	2.4
	68	69	12,314	20,453	1,824	4,957	310	50.6	84.3	5.8	16.1	1.5	2.6	0.2	0.9	0.1	33.0	40,054	4.01	43.6	2.2
	69	70	12,314	20,760	1,915	5,295	333	52.0	85.5	5.7	15.2	1.6	2.5	0.2	1.0	0.1	33.0	40,814	4.08	38.3	1.1
	70	71	10,555	17,566	1,595	4,374	275	46.8	74.8	4.8	13.8	1.3	2.2	0.2	0.8	0.1	27.9	34,538	3.45	34.1	1.2
	71	72	21,638	36,606	3,516	8,923	546	87.3	139.5	8.9	23.6	2.2	3.5	0.3	1.0	0.2	47.0	71,543	7.15	61.2	0.9
	72	73	16,009	27,762	2,573	7,255	475	76.2	124.5	8.0	23.5	2.1	3.4	0.4	1.6	0.3	49.5	54,364	5.44	64.5	0.8
	73	74	15,950	26,042	2,296	6,135	377	59.8	95.9	6.3	16.0	1.5	2.5	0.2	0.9	0.2	34.3	51,017	5.10	42.4	1.8
	74	75	7,142	11,043	961	2,578	169	27.1	45.3	3.2	9.4	0.9	1.4	0.1	0.6	0.1	22.9	22,004	2.20	22.7	0.7
	75	76	10,156	16,338	1,426	3,861	229	38.4	62.8	4.1	12.1	1.1	1.8	0.1	0.7	0.1	24.1	32,155	3.22	27.8	4.7
	76	77	6,708	10,380	892	2,391	150	25.1	40.3	3.1	9.3	0.9	1.7	0.2	0.9	0.1	21.6	20,624	2.06	19.9	4.2
	77	78	6,990	10,834	916	2,391	140	23.3	38.8	2.7	7.2	0.7	1.3	0.1	0.6	0.1	16.5	21,363	2.14	15.1	6.6
	78	79	4,633	7,248	619	1,662	119	21.5	41.7	3.5	12.7	1.5	3.1	0.3	1.6	0.2	36.8	14,403	1.44	13.0	11.0

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
	79	80	7,682	12,898	1,166	3,278	228	38.2	64.8	4.5	14.1	1.6	2.9	0.3	1.6	0.2	36.8	25,417	2.54	38.4	0.9
	80	81	6,626	10,073	875	2,368	151	25.1	39.2	2.9	8.8	1.0	1.9	0.2	1.0	0.1	22.9	20,196	2.02	20.0	4.7
	81	82	8,761	14,679	1,317	3,651	238	38.6	63.3	4.4	12.9	1.3	2.5	0.2	1.1	0.2	31.8	28,802	2.88	31.2	1.1
	82	83	15,246	26,165	2,410	6,707	431	68.9	114.1	7.4	20.2	1.9	2.7	0.3	0.8	0.1	39.4	51,216	5.12	54.7	1.2
	83	84	12,608	21,681	1,981	5,505	363	63.7	103.9	7.5	20.7	2.1	3.7	0.3	1.3	0.2	47.0	42,389	4.24	56.7	3.2
	84	85	6,568	10,773	963	2,683	179	30.0	52.6	3.6	11.3	1.1	2.1	0.2	0.9	0.1	26.7	21,293	2.13	28.0	6.9
	85	86	10,356	17,136	1,522	4,176	291	48.3	84.7	5.8	16.8	1.8	3.2	0.3	1.5	0.2	36.8	33,680	3.37	50.9	4.9
	86	87	9,418	15,539	1,408	3,861	249	41.2	67.9	4.7	12.5	1.2	2.1	0.2	0.9	0.1	27.9	30,633	3.06	37.8	6.4
	87	88	11,247	17,996	1,583	4,316	276	45.2	74.7	5.5	16.0	1.6	2.9	0.2	1.0	0.1	34.3	35,599	3.56	44.8	8.3
	88	89	7,600	12,075	1,086	2,998	212	36.4	66.7	5.1	15.4	1.5	2.5	0.2	1.4	0.2	34.3	24,135	2.41	63.3	10.2
	89	90	5,055	8,083	658	1,971	130	22.4	39.1	2.8	8.8	1.0	1.7	0.2	0.9	0.1	21.6	15,996	1.60	23.8	10.2
	90	91	5,512	8,906	764	2,321	157	25.6	46.2	3.2	10.4	1.1	2.1	0.2	0.9	0.2	27.9	17,778	1.78	25.7	6.0
	91	92	10,989	15,969	1,250	3,488	200	32.0	55.4	3.7	11.1	1.2	1.9	0.2	0.9	0.1	26.7	32,030	3.20	24.7	6.1
	92	93	14,132	20,576	1,643	4,619	262	41.1	67.4	4.1	12.6	1.2	2.3	0.2	0.8	0.1	27.9	41,390	4.14	31.3	5.0
	93	94	10,872	15,662	1,420	3,779	215	36.0	59.0	3.9	11.3	1.3	2.3	0.2	0.8	0.1	27.9	32,090	3.21	24.5	9.5
	94	95	4,480	6,867	597	1,680	116	19.9	33.1	2.6	9.0	1.0	1.9	0.2	1.1	0.2	24.1	13,832	1.38	16.1	22.2
	95	96	4,515	7,469	651	2,018	150	25.8	49.2	3.8	13.2	1.7	3.5	0.3	1.6	0.2	41.9	14,944	1.49	20.3	14.0
	96	97	4,539	7,125	600	1,785	119	19.6	34.7	2.3	7.5	0.8	1.6	0.2	0.8	0.1	20.3	14,255	1.43	20.3	15.8
	97	98	4,034	6,474	539	1,627	101	17.4	31.2	2.0	7.5	1.0	1.9	0.2	1.3	0.2	22.9	12,860	1.29	14.7	18.3
	98	99	5,266	8,844	770	2,356	149	24.7	39.2	2.5	7.7	0.7	2.3	0.2	0.8	0.1	20.3	17,484	1.75	17.0	15.3
	99	100	6,556	10,871	952	2,904	186	29.2	50.5	3.1	9.4	1.0	1.7	0.2	1.0	0.1	22.9	21,589	2.16	23.0	12.2
	100	101	13,898	22,971	1,975	5,844	341	54.5	89.7	5.5	15.5	1.5	2.6	0.2	1.3	0.1	35.6	45,235	4.52	40.8	3.0
	101	102	6,591	10,638	912	2,753	167	25.9	43.3	2.5	7.5	0.9	1.6	0.2	0.7	0.1	21.6	21,165	2.12	18.1	4.2
	102	103	6,521	10,650	911	2,788	181	30.9	53.0	3.7	12.6	1.4	2.9	0.2	1.3	0.2	35.6	21,193	2.12	29.1	2.3
	103	104	4,879	8,034	686	2,100	145	24.9	45.1	3.2	12.2	1.3	2.7	0.2	1.5	0.2	35.6	15,970	1.60	21.9	1.9
	104	105	5,078	7,665	632	1,895	126	23.0	41.6	3.1	10.8	1.2	1.9	0.2	0.9	0.2	26.7	15,506	1.55	29.1	9.9
	105	106	5,454	8,623	719	2,129	144	24.8	42.2	2.9	9.5	1.0	1.8	0.2	0.9	0.1	24.1	17,176	1.72	21.3	6.8
	106	107	6,826	10,552	875	2,601	170	29.0	48.3	3.0	9.9	1.0	1.8	0.2	0.7	0.1	24.1	21,142	2.11	24.6	5.2
	107	108	6,239	9,876	829	2,508	170	28.7	50.7	3.4	10.6	1.0	1.7	0.2	0.7	0.1	25.4	19,745	1.97	25.2	4.9
	108	109	4,867	7,985	691	2,146	152	27.8	48.8	3.3	11.5	1.3	2.4	0.2	1.0	0.1	29.2	15,967	1.60	27.8	2.9
	109	110	5,184	8,918	791	2,484	179	31.5	55.1	3.6	12.6	1.2	2.2	0.2	0.9	0.2	29.2	17,694	1.77	30.0	1.3
	110	111	6,509	11,031	981	3,056	215	35.6	61.8	3.7	11.8	1.1	1.9	0.2	0.7	0.0	29.2	21,938	2.19	29.8	2.5
	111	112	7,518	12,345	1,085	3,301	226	39.3	63.6	4.0	12.1	1.2	2.3	0.2	1.1	0.1	29.2	24,628	2.46	33.5	1.8
	112	113	3,401	5,503	463	1,417	98	16.9	29.5	1.9	6.3	0.7	1.3	0.1	0.7	0.1	16.5	10,956	1.10	15.2	5.2
	113	114	3,694	6,179	521	1,598	113	18.8	32.6	2.2	7.5	0.8	1.3	0.1	0.6	0.1	17.8	12,187	1.22	16.7	2.8
	114	115	8,362	14,679	1,341	4,234	311	52.3	89.4	5.6	17.3	1.7	2.7	0.2	1.3	0.1	36.8	29,135	2.91	57.6	1.5
	115	116	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	116	117	6,908	11,264	964	2,974	204	33.0	58.7	3.7	12.3	1.3	2.2	0.2	1.0	0.1	31.8	22,459	2.25	28.1	1.6
KGKRC007	0	1	9,382	17,075	1,601	4,584	317	52.3	89.4	6.0	16.5	1.6	2.7	0.3	1.4	0.2	34.3	33,163	3.32	46.2	2.6
	1	2	8,843	15,969	1,528	4,596	378	66.2	118.7	9.5	29.4	2.4	4.0	0.3	2.1	0.3	55.9	31,603	3.16	141.5	1.7
	2	3	8,034	14,495	1,365	4,059	310	52.1	93.6	6.9	22.5	2.1	3.7	0.3	2.1	0.3	52.1	28,498	2.85	78.6	2.3

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
	3	4	12,490	22,664	2,126	6,170	429	69.6	118.1	7.7	22.0	2.2	3.7	0.3	1.7	0.2	45.7	44,151	4.42	63.7	2.5
	4	5	10,497	18,610	1,746	4,957	337	56.0	93.4	5.9	16.1	1.6	3.1	0.3	1.5	0.2	35.6	36,361	3.64	43.1	2.3
	5	6	4,832	8,894	825	2,391	165	25.8	43.0	2.8	7.7	0.8	1.3	0.1	0.8	0.1	16.5	17,206	1.72	19.4	2.4
	6	7	4,257	7,800	725	2,082	139	23.4	39.1	2.6	7.6	0.8	1.5	0.1	0.7	0.1	16.5	15,096	1.51	15.2	2.8
	7	8	5,629	10,282	974	2,846	196	31.8	53.0	3.6	10.3	1.1	1.8	0.2	0.7	0.1	22.9	20,052	2.01	20.9	6.0
	8	9	8,913	15,294	1,377	3,779	247	39.4	63.4	4.0	11.0	1.1	1.8	0.2	0.8	0.1	21.6	29,754	2.98	26.3	2.0
	9	10	7,330	12,898	1,203	3,441	249	44.5	78.8	6.0	20.2	2.2	4.0	0.4	1.7	0.2	47.0	25,327	2.53	25.8	5.4
	10	11	9,992	17,075	1,528	4,234	279	45.3	75.8	4.9	14.0	1.4	2.1	0.2	0.9	0.1	26.7	33,280	3.33	28.6	3.4
	11	12	8,644	15,109	1,408	3,977	271	44.0	73.3	4.7	13.1	1.2	2.1	0.2	0.9	0.1	25.4	29,574	2.96	32.6	3.0
	12	13	11,400	19,777	1,776	4,957	330	55.1	93.8	6.2	18.5	1.7	2.9	0.2	1.4	0.1	39.4	38,460	3.85	40.7	2.3
	13	14	5,911	10,810	1,031	3,033	213	36.4	61.6	4.1	10.8	1.0	1.9	0.2	0.7	0.1	22.9	21,136	2.11	21.3	2.0
	14	15	5,864	10,847	1,033	3,033	221	35.7	61.4	4.1	12.2	1.2	1.8	0.1	0.8	0.1	25.4	21,141	2.11	20.1	3.2
	15	16	5,254	9,434	895	2,648	204	36.9	65.0	4.7	16.1	1.8	3.4	0.3	2.2	0.3	45.7	18,611	1.86	21.5	3.3
	16	17	8,479	14,802	1,377	3,931	273	44.6	76.5	5.0	14.9	1.6	2.9	0.2	0.9	0.2	30.5	29,039	2.90	26.9	2.5
	17	18	15,950	30,956	3,129	9,390	625	105.3	161.4	8.2	31.0	3.4	5.6	0.5	2.3	0.4	72.4	60,440	6.04	62.9	3.9
	18	19	15,833	27,885	2,694	7,873	573	104.9	176.4	11.2	40.9	4.5	7.3	0.8	3.9	0.6	101.6	55,310	5.53	115.0	4.4
	19	20	9,594	17,935	1,722	5,027	354	59.3	101.8	7.3	21.1	2.1	3.9	0.4	1.8	0.2	50.8	34,879	3.49	40.6	3.0
	20	21	6,474	11,314	1,041	2,986	224	39.6	73.2	5.6	19.7	2.2	4.2	0.4	1.9	0.3	52.1	22,239	2.22	20.6	3.7
	21	22	6,392	10,933	988	2,788	201	36.4	66.9	5.4	20.2	2.4	4.7	0.4	2.4	0.3	55.9	21,496	2.15	16.9	3.6
	22	23	7,576	12,898	1,180	3,313	230	37.3	67.9	4.9	15.8	1.7	3.2	0.3	1.1	0.2	38.1	25,368	2.54	22.9	3.1
	23	24	7,999	13,574	1,226	3,406	233	39.0	71.6	5.3	16.9	1.8	3.2	0.3	1.7	0.2	39.4	26,617	2.66	26.7	3.0
	24	25	5,289	9,397	892	2,659	224	41.2	83.3	6.8	25.8	3.3	6.4	0.7	3.6	0.6	80.0	18,713	1.87	33.8	5.0
	25	26	3,894	6,486	623	1,907	168	33.5	68.9	5.8	23.6	3.1	5.7	0.6	3.4	0.4	80.0	13,303	1.33	21.8	4.7
	26	27	4,304	7,026	652	1,965	159	30.9	62.5	5.3	20.9	2.7	5.6	0.5	2.6	0.4	68.6	14,308	1.43	15.0	5.1
	27	28	6,708	10,257	940	2,729	200	35.2	70.4	5.4	20.0	2.4	4.6	0.4	2.6	0.3	61.0	21,037	2.10	26.5	4.7
	28	29	7,787	11,854	1,093	3,114	229	41.8	85.4	6.9	26.5	3.5	7.2	0.7	3.4	0.4	88.9	24,343	2.43	24.9	5.7
	29	30	5,758	9,348	890	2,718	230	43.4	88.6	7.3	26.2	3.3	6.4	0.7	3.5	0.4	83.8	19,209	1.92	40.7	4.8
	30	31	4,222	7,137	675	1,995	157	27.8	55.8	4.7	16.4	2.1	4.0	0.4	2.3	0.4	52.1	14,351	1.44	20.7	3.3
	31	32	4,832	7,837	723	2,088	150	26.3	50.9	3.8	12.9	1.4	2.4	0.2	1.4	0.1	35.6	15,765	1.58	17.0	4.0
	32	33	8,081	12,530	1,142	3,173	205	35.0	64.8	4.3	13.7	1.4	2.6	0.3	1.3	0.2	35.6	25,289	2.53	27.0	3.2
	33	34	7,611	12,530	1,195	3,534	261	43.3	79.3	5.4	17.0	1.9	3.2	0.3	1.7	0.2	47.0	25,331	2.53	51.8	2.5
	34	35	6,955	11,817	1,131	3,313	227	37.8	67.0	4.7	14.2	1.6	2.6	0.3	1.5	0.2	36.8	23,609	2.36	39.6	1.4
	35	36	5,876	9,754	945	2,776	191	31.6	55.9	3.9	11.0	1.2	1.7	0.2	1.1	0.1	24.1	19,672	1.97	28.9	2.2
	36	37	7,869	13,635	1,323	3,872	268	42.0	75.0	4.9	14.7	1.5	2.3	0.2	0.9	0.2	33.0	27,143	2.71	36.7	2.7
	37	38	5,911	10,466	1,028	3,114	226	37.2	66.3	4.4	13.3	1.4	2.6	0.2	1.5	0.2	35.6	20,908	2.09	38.1	5.1
	38	39	3,730	6,547	628	1,872	129	20.5	37.1	2.5	7.8	0.8	1.4	0.2	0.8	0.1	20.3	12,997	1.30	17.0	5.9
	39	40	5,301	8,992	869	2,613	188	30.9	55.9	3.8	12.6	1.2	2.3	0.3	1.3	0.2	33.0	18,104	1.81	41.4	4.8
	40	41	5,946	9,889	945	2,729	184	30.0	56.3	3.8	11.4	1.2	1.9	0.2	0.9	0.1	27.9	19,827	1.98	23.7	3.1
	41	42	4,339	6,904	633	1,837	134	24.0	47.8	3.9	13.5	1.6	3.3	0.3	1.5	0.3	45.7	13,989	1.40	15.0	5.3
	42	43	3,272	5,638	538	1,610	130	23.9	53.7	4.3	16.3	2.2	4.2	0.5	2.2	0.3	57.2	11,353	1.14	18.3	7.9
	43	44	3,894	6,363	591	1,732	127	22.2	42.9	3.0	11.8	1.3	2.6	0.3	1.6	0.2	35.6	12,828	1.28	17.4	3.8

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	45	10,790	16,952	1,528	4,164	252	39.7	70.3	4.6	13.0	1.4	2.7	0.3	1.6	0.2	34.3	33,854	3.39	28.2	5.0
	45	46	3,917	6,474	614	1,820	149	28.0	57.8	4.9	20.0	2.5	5.6	0.5	3.1	0.4	69.8	13,166	1.32	21.8	4.9
	46	47	3,425	5,810	540	1,627	126	23.2	48.1	3.9	15.4	1.9	3.8	0.4	2.1	0.3	50.8	11,678	1.17	18.2	5.4
	47	48	7,553	12,530	1,208	3,663	292	52.1	104.0	8.3	30.8	3.7	7.1	0.7	4.2	0.6	96.5	25,553	2.56	53.8	6.5
	48	49	4,914	8,095	768	2,304	195	36.0	75.7	6.7	25.9	3.5	6.9	0.7	4.2	0.5	95.2	16,532	1.65	39.1	6.8
	49	50	2,850	5,073	482	1,476	131	25.8	59.7	5.6	23.6	3.2	7.3	0.8	4.2	0.6	91.4	10,234	1.02	16.8	5.6
	50	51	4,328	7,395	703	2,140	179	33.8	68.5	5.5	21.4	2.8	5.5	0.6	3.8	0.5	74.9	14,962	1.50	16.9	5.6
	51	52	7,025	11,314	1,069	3,161	235	41.9	77.2	5.9	21.1	2.7	5.3	0.5	3.3	0.5	69.8	23,032	2.30	26.5	6.7
	52	53	8,315	13,820	1,305	3,802	270	45.9	87.1	6.0	20.9	2.6	4.6	0.5	2.5	0.3	63.5	27,746	2.77	32.0	1.4
	53	54	1,531	2,838	269	822	63	11.7	22.6	1.9	7.7	1.1	2.7	0.3	2.6	0.4	31.8	5,606	0.56	17.4	3.8
	54	55	367	629	62	190	18	4.1	10.0	1.4	8.3	1.4	4.0	0.6	3.8	0.6	44.5	1,345	0.13	20.7	2.7
	55	56	155	295	29	93	12	2.6	6.8	1.1	5.4	1.1	3.1	0.5	3.1	0.4	34.3	642	0.06	19.0	3.3
	56	57	480	986	105	395	61	13.9	39.5	4.7	20.7	3.2	7.4	0.8	4.1	0.5	90.2	2,212	0.22	19.2	7.2
	57	58	3,471	5,995	564	1,592	121	20.2	42.7	4.0	15.4	2.2	4.8	0.5	3.0	0.5	59.7	11,896	1.19	26.5	6.0
	58	59	6,005	10,933	1,033	3,114	202	30.1	53.0	3.7	10.9	1.3	2.3	0.2	1.0	0.1	29.2	21,419	2.14	23.8	1.9
	59	60	6,263	11,473	1,112	3,359	215	32.4	57.8	4.1	11.6	1.4	2.3	0.2	0.9	0.1	29.2	22,562	2.26	26.7	1.6
	60	61	5,102	9,041	865	2,484	177	28.7	54.9	4.1	11.7	1.4	2.3	0.2	0.8	0.1	29.2	17,802	1.78	14.7	6.5
	61	62	11,048	19,470	1,836	5,459	340	50.6	86.1	5.6	14.7	1.7	2.6	0.2	1.3	0.2	34.3	38,350	3.84	38.4	3.5
	62	63	6,650	11,449	1,073	3,138	202	28.8	51.8	3.8	10.0	1.2	2.1	0.2	0.9	0.1	26.7	22,636	2.26	19.4	5.4
	63	64	4,867	8,820	863	2,531	186	30.1	57.1	4.5	13.5	1.6	2.7	0.3	1.4	0.2	36.8	17,415	1.74	16.6	4.7
	64	65	2,369	4,213	388	1,151	80	12.7	23.7	1.9	5.9	0.7	1.5	0.2	0.8	0.1	17.8	8,267	0.83	9.4	1.3
	65	66	11,587	20,146	1,855	5,435	344	49.9	85.4	5.5	13.5	1.4	2.3	0.2	0.8	0.1	29.2	39,556	3.96	33.7	1.2
	66	67	14,719	25,059	2,290	6,777	438	66.2	120.5	8.3	21.7	2.4	3.7	0.3	1.4	0.2	49.5	49,557	4.96	43.8	1.2
	67	68	17,475	29,113	2,658	7,710	491	77.7	136.6	8.8	20.9	2.0	2.9	0.2	0.8	0.1	36.8	57,733	5.77	50.7	0.9
	68	69	10,473	17,750	1,595	4,677	285	43.9	77.1	5.3	13.3	1.5	2.5	0.2	1.3	0.2	31.8	34,958	3.50	32.3	1.0
	69	70	9,852	17,075	1,571	4,619	283	43.9	77.5	5.4	14.6	1.6	2.6	0.3	1.1	0.2	35.6	33,581	3.36	39.1	1.2
	70	71	4,926	8,709	820	2,304	161	24.4	43.3	3.0	8.5	1.0	1.8	0.2	0.8	0.1	21.6	17,024	1.70	29.6	3.6
	71	72	8,585	14,618	1,329	3,814	237	36.4	64.1	4.3	11.5	1.2	2.3	0.2	1.0	0.1	29.2	28,733	2.87	29.4	0.9
	72	73	6,052	10,183	933	2,578	173	27.3	50.9	3.8	10.6	1.2	2.1	0.2	1.1	0.2	27.9	20,044	2.00	27.7	1.2
	73	74	4,527	7,432	678	1,825	114	17.4	31.7	2.4	6.9	0.9	1.7	0.2	0.9	0.1	20.3	14,658	1.47	14.6	2.9
	74	75	11,388	20,883	2,012	6,100	384	57.7	100.1	6.8	17.0	1.8	2.9	0.2	1.0	0.1	35.6	40,989	4.10	49.7	1.3
	75	76	10,825	18,365	1,667	4,817	296	44.2	78.6	5.3	13.7	1.4	2.3	0.2	0.9	0.1	29.2	36,146	3.61	36.5	1.5
	76	77	9,981	16,952	1,540	4,467	285	46.7	86.6	6.1	17.5	2.0	3.3	0.3	1.4	0.2	41.9	33,431	3.34	50.5	1.2
	77	78	19,527	30,833	2,598	7,267	420	65.9	114.8	8.0	19.3	1.9	2.7	0.2	0.8	0.1	36.8	60,895	6.09	64.6	0.9
	78	79	11,505	17,750	1,516	4,187	234	34.4	59.8	3.9	9.8	1.0	1.5	0.1	0.3	0.1	19.1	35,323	3.53	29.2	0.6
	79	80	8,280	12,837	1,107	3,009	171	26.2	47.4	3.4	8.5	0.9	1.5	0.1	0.6	0.1	19.1	25,511	2.55	22.3	1.6
	80	81	7,635	11,965	1,027	2,706	158	23.2	40.6	2.6	6.2	0.6	1.0	0.1	0.3	0.1	12.7	23,578	2.36	20.9	0.7
	81	82	14,543	22,234	1,843	5,051	268	40.5	70.8	4.8	11.3	1.1	1.5	0.1	0.6	0.1	21.6	44,090	4.41	35.9	0.6
	82	83	12,080	17,873	1,486	4,024	231	36.4	66.7	4.6	11.3	1.2	1.8	0.1	0.7	0.1	22.9	35,840	3.58	33.1	0.6
	83	84	12,256	18,119	1,510	4,036	219	33.4	60.5	4.2	10.0	1.0	1.5	0.1	0.5	0.1	20.3	36,271	3.63	27.2	0.5
	84	85	20,524	29,850	2,441	6,625	357	53.0	93.0	6.1	14.7	1.5	2.2	0.2	0.7	0.1	30.5	59,999	6.00	49.5	0.7

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
	85	86	12,666	17,750	1,571	4,176	242	40.3	70.1	4.4	11.3	1.1	1.7	0.1	0.7	0.1	21.6	36,557	3.66	35.4	0.6
	86	87	23,280	31,693	2,912	7,115	386	63.1	106.2	6.8	17.1	1.8	2.5	0.2	0.9	0.1	35.6	65,620	6.56	49.2	0.9
	87	88	18,530	28,130	2,888	7,605	496	83.8	147.5	9.1	23.8	2.4	3.5	0.2	1.0	0.2	44.5	57,965	5.80	85.7	1.0
	88	89	14,074	22,173	2,259	5,995	380	64.4	109.4	7.4	20.8	2.3	4.0	0.4	1.8	0.3	50.8	45,143	4.51	67.5	1.6
	89	90	9,535	15,109	1,456	4,071	276	47.9	84.8	6.1	19.5	2.3	4.9	0.4	2.2	0.4	53.3	30,669	3.07	53.6	1.4
	90	91	10,262	16,031	1,553	4,444	306	54.3	103.2	7.7	22.6	2.6	5.3	0.5	2.6	0.4	63.5	32,858	3.29	68.5	1.9
	91	92	8,315	13,144	1,287	3,628	241	42.2	78.5	5.7	17.0	2.1	3.7	0.3	1.6	0.3	43.2	26,809	2.68	43.8	1.1
	92	93	8,022	12,530	1,205	3,406	227	39.6	69.4	4.8	13.8	1.5	2.7	0.2	1.1	0.2	33.0	25,555	2.56	34.4	1.0
	93	94	15,540	23,831	2,441	6,310	399	64.4	110.2	6.9	16.3	1.6	2.3	0.2	0.7	0.1	31.8	48,755	4.88	51.8	0.9
	94	95	11,060	17,136	1,631	4,584	303	51.1	89.3	5.8	16.0	1.7	3.0	0.3	1.1	0.2	36.8	34,919	3.49	40.0	1.0
	95	96	8,010	11,314	1,010	2,683	148	24.2	42.0	2.5	6.8	0.7	1.0	0.1	0.3	0.1	14.0	23,256	2.33	19.0	0.4
	96	97	19,644	26,288	2,368	5,774	311	52.1	92.1	6.9	18.1	2.2	3.3	0.3	1.1	0.2	44.5	54,605	5.46	38.0	0.9
	97	98	14,543	19,470	1,655	4,257	223	35.7	63.7	4.6	13.2	1.6	2.3	0.2	0.9	0.2	31.8	40,303	4.03	28.9	0.7
	98	99	10,884	14,864	1,305	3,383	184	30.7	52.7	3.7	10.3	1.1	1.9	0.2	0.9	0.1	24.1	30,745	3.07	24.8	0.6
	99	100	23,104	30,833	2,815	6,788	357	60.6	105.9	7.2	20.3	2.0	3.2	0.2	1.0	0.1	41.9	64,140	6.41	48.6	0.9
	100	101	16,067	21,497	1,903	4,689	252	41.2	74.7	5.4	14.4	1.5	2.4	0.2	0.8	0.1	30.5	44,579	4.46	31.4	0.6
	101	102	13,604	18,795	1,643	4,234	232	39.8	71.9	5.3	16.4	1.9	3.4	0.3	1.6	0.2	43.2	38,692	3.87	28.2	1.4
	102	103	8,737	13,021	1,186	3,208	187	32.1	54.6	3.9	12.6	1.4	2.4	0.2	1.4	0.2	31.8	26,480	2.65	28.9	3.8
	103	104	9,629	14,557	1,353	3,686	225	38.1	67.9	4.5	13.0	1.4	2.4	0.2	0.9	0.1	30.5	29,608	2.96	31.4	5.9
	104	105	20,231	30,587	3,045	8,083	532	93.1	166.6	11.4	30.2	3.1	5.3	0.3	1.5	0.2	64.8	62,854	6.29	88.5	3.4
	105	106	12,138	18,610	1,788	4,852	298	50.4	85.2	5.6	15.4	1.6	2.7	0.2	1.3	0.1	33.0	37,883	3.79	35.7	1.7
	106	107	11,669	16,461	1,450	3,756	206	32.2	56.3	3.8	10.4	1.2	2.1	0.2	0.8	0.1	24.1	33,672	3.37	22.1	3.0
	107	108	9,312	13,574	1,232	3,336	201	34.2	59.9	4.6	13.4	1.5	2.4	0.2	1.1	0.2	33.0	27,805	2.78	35.9	3.4
	108	109	11,435	15,601	1,377	3,604	202	33.7	58.0	4.1	11.8	1.4	2.3	0.2	0.9	0.1	29.2	32,361	3.24	24.2	2.5
	109	110	12,725	17,812	1,607	4,292	257	43.0	75.0	4.9	14.1	1.4	2.2	0.2	0.9	0.1	29.2	36,864	3.69	43.5	2.8
	110	111	9,746	13,758	1,257	3,371	204	33.8	60.7	4.3	12.4	1.3	2.2	0.2	0.9	0.2	29.2	28,480	2.85	33.3	1.9
	111	112	7,975	11,768	1,084	2,951	178	30.2	53.4	3.6	10.7	1.2	2.2	0.2	0.8	0.2	26.7	24,085	2.41	29.4	2.9
	112	113	11,634	18,242	1,498	4,164	248	39.5	70.4	4.9	13.8	1.3	2.6	0.2	0.9	0.1	29.2	35,949	3.59	34.7	2.0
	113	114	13,780	21,927	1,957	5,190	324	49.7	89.2	5.7	17.2	1.7	2.5	0.2	0.7	0.1	31.8	43,377	4.34	48.2	1.9
	114	115	16,243	25,305	2,314	6,322	434	74.1	134.3	10.1	30.5	3.0	4.9	0.4	2.3	0.3	63.5	50,941	5.09	110.5	1.1
	115	116	10,567	15,416	1,244	3,441	212	33.0	62.6	4.7	14.1	1.6	2.6	0.2	1.3	0.2	34.3	31,035	3.10	40.2	0.4
	116	117	12,021	17,812	1,462	4,071	253	40.1	74.0	5.4	16.4	1.7	2.9	0.2	1.3	0.1	35.6	35,796	3.58	44.5	0.6
	117	118	24,277	35,746	3,069	7,710	428	64.3	113.8	7.7	22.5	2.3	3.5	0.2	1.0	0.1	41.9	71,487	7.15	48.8	0.7
	118	119	18,472	28,499	2,525	6,602	383	58.0	102.0	7.4	21.8	2.3	3.9	0.3	1.7	0.2	49.5	56,727	5.67	47.4	1.1
	119	120	15,481	23,647	2,078	5,435	317	48.8	85.3	5.9	16.8	1.7	2.9	0.2	0.9	0.1	34.3	47,154	4.72	36.4	0.8
	120	121	5,524	8,673	747	1,948	122	20.3	31.9	1.8	6.4	0.7	1.0	0.1	0.3	0.0	15.2	17,091	1.71	14.6	0.4
	121	122	6,990	11,658	1,101	2,834	184	30.7	50.3	2.8	9.9	1.1	1.6	0.1	0.6	0.1	22.9	22,887	2.29	21.6	0.3
	122	123	10,567	17,873	1,673	4,526	273	46.2	73.3	3.9	14.6	1.6	2.3	0.2	0.7	0.1	31.8	35,086	3.51	33.3	0.4
	123	124	6,110	9,852	884	2,239	133	23.2	35.0	2.1	7.5	0.9	1.3	0.1	0.5	0.1	20.3	19,310	1.93	15.0	0.3
	124	125	6,368	10,097	898	2,263	133	21.5	33.9	1.8	6.7	0.7	1.3	0.1	0.5	0.0	16.5	19,842	1.98	13.6	0.4
	125	126	5,618	8,869	762	1,995	117	18.8	28.6	1.6	5.2	0.6	0.9	0.1	0.3	0.0	11.4	17,428	1.74	12.2	0.4

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
	126	127	4,738	7,665	660	1,703	103	17.4	27.3	1.7	6.4	0.7	1.4	0.1	0.5	0.1	17.8	14,942	1.49	17.0	0.8
	127	128	3,460	5,724	516	1,400	95	16.8	30.2	2.5	9.5	1.2	2.2	0.2	1.1	0.1	29.2	11,288	1.13	22.9	0.7
	128	129	3,964	6,474	571	1,505	93	15.9	26.2	1.8	7.1	0.9	1.7	0.2	0.9	0.1	24.1	12,686	1.27	16.3	0.7
	129	130	2,850	4,680	412	1,102	69	12.3	21.0	1.7	6.3	0.8	1.7	0.2	0.9	0.1	20.3	9,179	0.92	11.5	0.5
	130	131	3,601	5,859	513	1,371	95	17.6	32.0	2.7	10.1	1.4	2.5	0.3	1.4	0.2	33.0	11,540	1.15	20.7	0.7
	131	132	4,621	7,493	656	1,732	108	18.1	29.5	1.7	6.0	0.7	1.1	0.1	0.5	0.1	15.2	14,684	1.47	12.3	0.4
	132	133	6,662	10,343	888	2,164	120	20.0	31.5	1.9	6.0	0.6	1.0	0.1	0.3	0.1	12.7	20,251	2.03	11.4	0.4
	133	134	4,679	7,506	634	1,627	93	15.3	23.2	1.4	4.9	0.5	0.9	0.1	0.3	0.1	11.4	14,598	1.46	9.1	0.4
	134	135	3,741	5,970	505	1,318	77	13.2	21.3	1.3	4.6	0.6	0.9	0.1	0.5	0.1	11.4	11,666	1.17	8.2	0.4
	135	136	3,647	5,872	512	1,336	83	14.8	25.6	2.1	8.2	1.2	2.3	0.3	1.1	0.3	29.2	11,535	1.15	9.5	0.7
	136	137	10,860	16,952	1,468	3,488	184	27.0	45.0	2.7	9.5	1.0	1.7	0.1	0.7	0.1	20.3	33,060	3.31	16.8	0.5
	137	138	11,658	17,566	1,408	3,767	202	30.5	54.9	4.2	12.4	1.2	2.3	0.2	0.9	0.2	27.9	34,736	3.47	30.5	0.6
	138	139	19,468	29,727	2,561	6,532	347	52.0	95.4	7.2	22.8	2.5	3.9	0.3	1.5	0.2	50.8	58,872	5.89	50.8	0.7
	139	140	14,191	22,050	1,915	4,969	277	42.4	76.7	5.3	16.2	1.8	2.9	0.2	1.0	0.1	34.3	43,582	4.36	37.7	0.8
	140	141	10,450	15,969	1,311	3,593	201	29.9	53.6	3.8	11.9	1.3	2.1	0.2	0.7	0.1	25.4	31,652	3.17	22.7	0.8
	141	142	13,898	21,558	1,879	4,876	273	41.1	73.9	5.0	16.1	1.7	3.1	0.3	0.9	0.1	35.6	42,661	4.27	27.5	0.7
	142	143	14,601	22,910	2,012	5,155	276	41.2	67.1	3.6	14.6	1.5	2.7	0.2	0.9	0.2	31.8	45,118	4.51	26.5	0.7
	143	144	10,790	16,645	1,468	3,628	199	30.7	51.4	2.9	10.7	1.0	1.6	0.1	0.7	0.1	21.6	32,850	3.28	20.4	0.6
	144	145	14,132	22,910	2,078	5,435	310	48.6	79.9	4.1	14.8	1.3	2.3	0.2	0.8	0.1	25.4	45,042	4.50	36.4	0.7
	145	146	7,717	14,127	1,395	3,837	257	41.8	71.4	4.4	15.6	1.5	2.6	0.2	0.9	0.1	31.8	27,504	2.75	41.8	0.7
	146	147	9,465	15,539	1,444	3,791	240	38.2	68.5	4.1	15.2	1.5	2.7	0.2	1.0	0.2	34.3	30,644	3.06	35.1	0.8
	147	148	8,972	13,942	1,238	3,103	190	30.3	52.6	3.0	9.5	0.9	1.4	0.1	0.7	0.1	17.8	27,562	2.76	22.7	0.4
	148	149	7,201	10,896	954	2,344	137	21.5	37.5	2.5	9.6	1.1	2.4	0.3	1.4	0.2	29.2	21,638	2.16	17.6	0.4
	149	150	17,123	25,551	2,217	5,645	311	47.2	79.8	4.5	16.4	1.5	2.4	0.2	0.6	0.1	29.2	51,029	5.10	35.8	1.0
	150	151	18,120	28,867	2,598	6,777	364	54.8	90.0	5.1	20.9	2.2	4.0	0.3	1.6	0.2	47.0	56,952	5.70	43.9	1.1
	151	152	17,064	26,656	2,338	6,124	340	51.8	88.6	5.7	23.6	2.5	5.0	0.4	2.3	0.3	58.4	52,760	5.28	43.5	1.2
	152	153	16,536	25,674	2,199	5,540	291	44.8	74.7	4.5	19.1	1.9	3.5	0.3	1.5	0.2	45.7	50,437	5.04	39.8	0.9
	153	154	15,891	25,305	2,308	6,077	342	52.7	89.0	5.3	21.4	2.3	4.0	0.4	1.6	0.3	50.8	50,151	5.02	56.9	1.2
	154	155	9,558	15,416	1,408	3,546	212	32.3	54.9	3.5	14.4	1.5	3.1	0.3	1.4	0.2	36.8	30,289	3.03	31.0	0.9
	155	156	5,841	9,410	847	2,135	131	21.3	38.7	2.7	10.6	1.2	2.5	0.2	1.3	0.2	27.9	18,469	1.85	17.4	1.0
	156	157	15,012	25,551	2,368	6,555	402	62.8	107.5	5.6	20.7	2.0	3.5	0.3	1.3	0.2	40.6	50,133	5.01	62.5	1.2
	157	158	13,898	23,524	2,175	5,879	351	53.5	87.0	4.5	17.2	1.6	3.1	0.3	1.3	0.2	35.6	46,030	4.60	50.6	1.0
	158	159	11,787	20,146	1,915	5,132	314	48.8	80.2	4.3	16.0	1.6	3.0	0.3	1.3	0.2	35.6	39,485	3.95	47.0	1.2
	159	160	4,867	8,058	712	1,860	108	16.6	26.7	1.5	5.7	0.6	1.5	0.1	0.7	0.1	15.2	15,674	1.57	14.2	1.0
	161	162	9,136	15,969	1,522	4,176	270	43.8	75.6	4.3	16.1	1.6	3.1	0.3	1.3	0.2	35.6	31,255	3.13	39.7	1.2
	162	163	8,538	14,864	1,438	3,756	259	41.2	72.7	4.6	15.8	1.6	3.2	0.3	1.6	0.3	39.4	29,035	2.90	39.4	0.9
	163	164	9,054	15,908	1,522	4,141	250	38.6	62.2	3.2	12.4	1.3	2.2	0.2	0.9	0.2	25.4	31,022	3.10	32.5	0.7
	164	165	6,579	11,535	1,090	2,799	164	25.1	40.3	2.1	7.9	0.9	1.6	0.2	0.8	0.1	19.1	22,265	2.23	18.9	1.3
	165	166	5,735	10,245	1,010	2,671	179	27.2	47.1	2.7	10.3	1.1	1.9	0.2	0.9	0.1	22.9	19,954	2.00	27.3	0.7
	166	167	4,152	6,805	580	1,662	103	15.8	28.2	1.8	5.3	0.6	1.0	0.1	0.5	0.1	12.7	13,368	1.34	12.6	0.4
	167	168	5,418	8,771	755	2,164	130	21.2	37.7	2.4	7.2	0.8	1.5	0.1	0.7	0.1	17.8	17,328	1.73	16.2	0.6

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
	168	169	5,160	8,820	765	2,245	133	20.6	37.0	2.2	6.9	0.8	1.6	0.2	1.1	0.2	21.6	17,215	1.72	17.1	6.5
	169	170	5,700	9,422	806	2,321	135	20.2	36.0	2.1	6.0	0.7	1.0	0.1	0.8	0.2	15.2	18,466	1.85	15.2	7.3
	170	171	6,955	11,645	993	2,858	168	24.8	41.4	2.6	7.1	0.9	1.6	0.2	0.8	0.1	17.8	22,716	2.27	17.1	4.2
	171	172	6,052	10,110	852	2,368	150	23.2	36.9	2.5	6.4	0.7	1.3	0.1	0.7	0.1	14.0	19,616	1.96	15.6	5.5
	172	173	16,712	28,499	2,586	6,695	413	63.8	99.0	6.4	15.2	1.4	2.3	0.2	0.9	0.2	25.4	55,120	5.51	48.8	5.2
	173	174	15,246	25,428	2,344	6,042	382	58.6	92.6	5.8	15.2	1.4	2.5	0.3	1.4	0.2	29.2	49,649	4.96	42.1	3.7
	174	175	10,731	18,057	1,540	4,292	283	44.6	73.2	5.0	13.5	1.4	2.3	0.2	1.1	0.1	27.9	35,074	3.51	40.5	5.0
	175	176	9,488	16,031	1,347	3,674	237	37.2	61.9	4.3	11.8	1.2	2.1	0.2	1.1	0.2	26.7	30,923	3.09	33.4	5.2
	176	177	8,116	13,512	1,156	3,161	208	33.4	56.1	3.7	11.1	1.2	2.3	0.2	1.1	0.2	25.4	26,288	2.63	28.6	5.4
	177	178	6,099	10,036	838	2,298	150	24.9	40.0	2.8	8.2	0.9	1.8	0.2	1.0	0.2	19.1	19,519	1.95	18.9	4.8
	178	179	8,128	14,372	1,269	3,639	250	38.0	60.1	3.9	9.6	0.9	1.6	0.2	0.7	0.1	16.5	27,790	2.78	26.6	3.5
	179	180	7,107	12,837	1,147	3,243	205	33.0	52.7	3.3	10.3	1.2	2.3	0.3	1.3	0.2	22.9	24,666	2.47	24.2	2.5
	180	181	6,568	10,171	814	2,152	132	21.1	35.3	2.5	7.5	0.8	1.6	0.2	0.8	0.2	16.5	19,924	1.99	16.0	12.1
	181	182	7,670	11,965	942	2,473	147	24.4	39.3	2.7	7.7	0.8	1.6	0.1	0.8	0.1	15.2	23,289	2.33	17.4	10.8
	182	183	11,130	18,242	1,528	4,152	264	42.8	69.4	4.6	12.2	1.3	2.3	0.2	1.0	0.2	24.1	35,475	3.55	33.9	3.2
	183	184	12,666	22,357	2,060	5,482	362	60.0	97.5	6.5	17.2	1.7	3.2	0.3	1.6	0.2	36.8	43,152	4.32	47.6	1.5
	184	185	13,487	22,910	2,102	5,482	371	60.3	101.8	6.8	18.8	1.8	3.4	0.3	1.5	0.2	38.1	44,585	4.46	58.6	1.1
	185	186	12,256	21,006	1,849	5,051	332	51.5	84.0	5.4	14.9	1.5	2.6	0.3	1.0	0.2	30.5	40,684	4.07	41.0	1.5
KGKRC009	0	1	4,304	9,360	962	3,208	239	40.8	72.6	5.2	15.4	1.5	2.5	0.2	1.4	0.2	33.0	18,246	1.82	66.9	21.7
	1	2	2,439	5,528	629	2,461	270	49.4	92.0	7.3	26.9	3.6	8.0	0.9	5.6	0.7	91.4	11,614	1.16	83.1	22.9
	2	3	854	2,352	271	1,095	161	37.2	82.5	8.5	42.7	6.9	17.2	2.2	11.8	1.7	198.1	5,141	0.51	87.2	23.2
	3	4	2,850	5,970	620	2,164	202	36.4	66.4	5.0	14.6	1.8	3.4	0.4	2.2	0.3	41.9	11,977	1.20	64.8	18.3
	4	5	3,471	7,592	787	2,624	199	33.1	58.8	4.6	14.5	1.4	2.4	0.3	1.3	0.2	33.0	14,823	1.48	70.3	14.1
	5	6	2,439	5,565	596	2,100	187	31.4	56.7	3.7	11.3	1.2	2.1	0.2	1.1	0.1	26.7	11,020	1.10	58.5	20.0
	6	7	1,255	3,132	340	1,289	156	32.2	65.2	5.5	20.5	2.6	4.9	0.6	3.8	0.5	67.3	6,375	0.64	54.8	24.2
	7	8	1,095	2,690	278	980	105	21.5	43.3	3.9	14.9	2.1	4.8	0.6	3.4	0.5	55.9	5,299	0.53	44.8	33.7
	8	9	1,935	4,533	463	1,621	137	22.9	39.3	2.8	9.3	1.2	2.3	0.3	1.7	0.3	31.8	8,801	0.88	49.1	34.5
	9	10	2,627	5,958	628	2,187	184	31.7	54.3	4.0	12.4	1.4	2.3	0.2	1.5	0.2	33.0	11,725	1.17	56.9	25.6
	10	11	1,172	2,653	255	849	73	13.7	27.7	2.5	9.9	1.4	2.7	0.3	2.3	0.3	36.8	5,100	0.51	40.7	32.8
	11	12	1,231	2,690	251	794	53	8.9	15.3	1.3	5.1	0.7	1.5	0.2	1.3	0.2	19.1	5,074	0.51	25.1	27.1
	12	13	1,484	3,120	288	884	61	10.7	20.4	1.7	6.5	0.9	1.8	0.2	1.5	0.2	25.4	5,906	0.59	32.4	32.9
	13	14	2,346	5,294	553	1,913	165	29.4	50.3	3.5	11.4	1.3	2.1	0.3	1.3	0.2	29.2	10,400	1.04	51.2	26.0
	14	15	3,753	7,346	700	2,205	151	27.0	50.3	4.7	15.4	1.6	2.5	0.2	1.1	0.2	38.1	14,295	1.43	64.3	20.3
	15	16	12,549	23,462	2,277	6,310	394	63.8	106.6	7.8	24.5	2.6	4.4	0.4	1.7	0.2	61.0	45,266	4.53	89.5	11.2
	16	17	18,061	33,412	3,214	9,623	579	96.9	166.6	12.5	40.3	3.8	5.8	0.5	2.2	0.3	92.7	65,310	6.53	144.0	9.9
	17	18	11,904	24,568	2,586	7,698	567	97.7	165.4	12.2	36.4	3.8	6.0	0.6	3.0	0.4	94.0	47,742	4.77	112.0	14.0
	18	19	8,362	15,294	1,402	4,281	279	46.6	76.5	5.7	17.0	1.8	3.1	0.3	1.5	0.2	43.2	29,813	2.98	48.1	7.6
	19	20	6,708	13,021	1,275	4,094	286	49.2	82.1	6.5	20.7	2.3	3.8	0.5	2.2	0.3	54.6	25,607	2.56	60.6	8.6
	20	21	3,706	7,100	683	2,199	175	31.3	57.2	4.7	15.2	1.8	3.7	0.4	2.9	0.4	48.3	14,028	1.40	52.5	13.2
	21	22	2,592	5,442	542	1,796	140	23.2	40.6	3.2	10.2	1.1	1.9	0.2	1.1	0.1	29.2	10,623	1.06	38.9	18.1
	22	23	3,284	7,248	761	2,578	202	34.6	62.0	4.9	15.0	1.5	2.2	0.2	1.1	0.1	34.3	14,228	1.42	66.0	14.1

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
	23	24	5,196	11,326	1,154	3,744	249	39.4	64.3	5.1	16.8	1.8	2.6	0.2	1.3	0.1	39.4	21,840	2.18	45.3	8.7
	24	25	2,592	5,282	523	1,703	125	20.6	35.2	2.6	8.5	0.9	1.8	0.2	1.1	0.2	24.1	10,320	1.03	29.3	33.7
	25	26	3,202	7,088	741	2,508	178	28.1	45.3	3.1	9.6	1.1	1.8	0.2	1.0	0.2	24.1	13,831	1.38	39.4	32.5
	26	27	1,454	3,661	387	1,365	115	19.7	33.3	2.4	8.2	0.9	1.9	0.4	1.3	0.4	22.9	7,072	0.71	33.0	43.1
	27	28	1,237	3,194	359	1,411	171	33.6	64.9	5.3	18.4	2.3	4.7	0.5	3.2	0.5	59.7	6,565	0.66	43.4	26.9
	28	29	1,029	2,494	273	1,079	146	31.5	62.8	4.9	16.8	2.0	4.1	0.4	2.5	0.3	52.1	5,197	0.52	43.7	28.2
	29	30	3,120	6,400	663	2,298	209	36.8	65.0	4.5	14.2	1.6	2.5	0.3	1.5	0.3	34.3	12,851	1.29	40.5	21.8
	30	31	4,832	10,220	1,092	3,266	234	36.8	56.9	3.3	13.1	1.4	2.2	0.2	1.3	0.1	31.8	19,792	1.98	37.6	10.6
	31	32	4,621	9,729	1,051	3,161	241	38.8	60.3	3.6	13.4	1.4	2.3	0.2	1.3	0.1	31.8	18,956	1.90	44.3	14.4
	32	33	3,776	7,567	834	2,531	207	34.5	57.1	4.0	14.2	1.6	2.7	0.2	1.5	0.1	35.6	15,067	1.51	45.1	17.7
	33	34	2,111	4,717	527	1,790	179	33.1	58.4	4.5	16.8	2.1	4.4	0.4	2.9	0.4	55.9	9,503	0.95	44.8	23.5
	34	35	4,023	8,795	975	3,021	241	41.1	69.6	5.0	18.4	2.0	3.7	0.3	2.1	0.2	45.7	17,243	1.72	62.7	22.8
	35	36	1,102	2,531	290	1,018	114	22.4	42.0	3.5	13.8	1.7	3.7	0.4	2.7	0.3	45.7	5,191	0.52	40.1	25.9
	36	37	1,419	3,464	394	1,359	121	21.3	35.7	2.8	11.5	1.3	2.4	0.2	1.5	0.1	31.8	6,866	0.69	31.5	25.4
	37	38	1,929	4,680	540	1,849	170	28.8	47.6	3.2	11.5	1.2	2.2	0.2	1.3	0.1	30.5	9,295	0.93	43.0	21.7
	38	39	5,852	11,744	1,232	3,593	248	40.3	60.1	3.6	14.0	1.6	2.5	0.2	1.3	0.1	31.8	22,824	2.28	36.0	13.2
	39	40	4,539	9,594	1,038	3,138	224	35.6	52.6	2.9	11.4	1.3	2.2	0.2	1.0	0.1	26.7	18,666	1.87	30.4	10.0
	40	41	4,691	9,987	1,080	3,243	227	35.1	54.5	3.4	13.5	1.4	2.1	0.1	0.9	0.0	30.5	19,369	1.94	36.7	7.2
	41	42	3,847	8,967	1,064	3,418	288	46.9	72.3	4.1	14.9	1.5	2.6	0.2	1.5	0.1	36.8	17,765	1.78	53.6	6.8
	42	43	4,703	10,736	1,263	4,176	343	58.0	87.9	4.8	17.1	1.7	3.0	0.2	1.4	0.1	40.6	21,436	2.14	65.8	7.8
	43	44	4,808	10,380	1,141	3,488	250	39.0	60.4	3.7	14.9	1.4	2.4	0.2	0.8	0.0	30.5	20,220	2.02	39.9	6.2
	44	45	7,881	15,846	1,649	5,074	332	51.5	75.2	4.0	15.6	1.7	2.4	0.1	0.9	0.1	33.0	30,967	3.10	45.5	8.4
	45	46	6,099	13,328	1,474	4,631	328	50.7	76.5	4.7	18.8	1.9	3.1	0.3	1.4	0.1	45.7	26,063	2.61	53.8	6.7
	46	47	4,902	12,345	1,492	5,062	391	61.4	91.5	4.8	18.8	2.0	3.1	0.3	1.7	0.2	44.5	24,421	2.44	78.8	4.6
	47	48	5,113	11,584	1,305	4,234	325	52.1	84.4	5.9	22.7	2.4	3.8	0.3	1.7	0.2	54.6	22,789	2.28	77.4	8.7
	48	49	4,117	8,611	944	2,799	208	33.7	56.3	4.3	17.3	1.9	3.3	0.3	1.6	0.2	47.0	16,844	1.68	53.8	8.3
	49	50	3,659	7,813	854	2,683	224	38.8	67.4	5.2	18.7	2.0	3.3	0.3	1.7	0.2	45.7	15,416	1.54	62.7	9.0
	50	51	2,615	5,208	544	1,697	139	24.4	41.3	3.1	11.3	1.3	2.3	0.2	1.4	0.1	30.5	10,319	1.03	33.5	7.3
	51	52	4,011	9,434	1,085	3,406	256	42.4	69.0	4.5	17.0	1.8	2.7	0.2	1.4	0.1	38.1	18,369	1.84	64.9	10.3
	52	53	5,067	12,186	1,395	4,502	317	49.9	77.8	5.1	19.7	1.9	3.1	0.2	1.0	0.1	39.4	23,665	2.37	70.8	6.1
	53	54	3,143	6,781	739	2,379	192	33.2	52.4	3.3	12.2	1.4	2.3	0.2	1.1	0.1	29.2	13,371	1.34	29.5	6.9
	54	55	3,870	8,820	1,014	3,114	235	37.5	60.1	3.7	14.0	1.5	2.6	0.2	1.1	0.1	33.0	17,207	1.72	42.9	7.1
	55	56	3,178	6,879	762	2,508	226	43.3	81.3	7.4	31.7	4.3	9.2	1.0	5.9	0.8	114.3	13,853	1.39	64.4	10.0
	56	57	4,562	9,925	1,075	3,196	222	35.9	55.7	3.5	13.5	1.4	2.6	0.2	1.0	0.1	31.8	19,127	1.91	41.2	13.6
	57	58	4,034	8,279	869	2,613	185	29.5	45.1	2.8	11.5	1.2	1.9	0.1	0.8	0.0	25.4	16,099	1.61	33.0	13.4
	58	59	5,078	10,871	1,186	3,593	264	43.3	70.1	4.7	17.5	1.7	2.7	0.2	1.0	0.1	38.1	21,172	2.12	53.7	8.7
	59	60	7,095	15,416	1,698	5,214	337	54.0	89.1	5.7	16.4	1.6	2.2	0.2	0.8	0.1	34.3	29,965	3.00	61.7	9.0
	60	61	5,254	11,264	1,173	3,977	292	48.8	83.3	5.4	15.8	1.7	2.4	0.2	1.1	0.2	36.8	22,157	2.22	60.7	7.7
	61	62	5,758	12,468	1,293	4,211	260	40.2	64.6	4.2	11.4	1.2	1.9	0.2	0.9	0.1	27.9	24,143	2.41	40.1	7.0
	62	63	5,454	12,775	1,389	4,677	293	44.9	74.8	4.8	13.5	1.4	2.2	0.2	1.0	0.2	33.0	24,765	2.48	50.2	6.1
	63	64	4,738	9,962	1,032	3,511	269	45.0	79.5	5.1	14.9	1.5	2.5	0.2	1.3	0.2	34.3	19,697	1.97	59.9	7.4

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
	64	65	5,160	11,829	1,275	4,432	330	55.5	96.5	6.0	17.6	1.7	2.6	0.2	1.3	0.2	38.1	23,247	2.32	68.4	5.6
	65	66	5,606	11,301	1,165	3,931	299	49.9	84.3	4.9	13.9	1.4	2.3	0.2	1.0	0.2	30.5	22,490	2.25	50.3	7.2
	66	67	5,266	11,252	1,190	4,071	311	53.7	90.6	5.8	16.6	1.7	2.5	0.2	1.4	0.2	39.4	22,302	2.23	58.6	7.0
	67	68	6,063	13,021	1,377	4,724	357	60.9	106.4	6.9	19.3	2.0	2.9	0.2	1.0	0.1	40.6	25,783	2.58	78.1	4.8
	68	69	5,313	10,871	1,116	3,732	281	47.6	82.9	5.3	15.0	1.7	2.7	0.2	1.5	0.2	38.1	21,509	2.15	46.7	5.9
	69	70	4,445	8,844	893	3,033	245	43.5	81.5	5.7	20.1	2.5	4.7	0.5	2.6	0.4	67.3	17,688	1.77	45.5	7.2
	70	71	4,679	9,508	977	3,324	256	44.4	77.1	5.1	15.7	1.8	3.2	0.3	1.9	0.3	44.5	18,940	1.89	55.9	8.2
	71	72	6,439	12,345	1,206	3,954	306	53.7	95.6	6.4	18.4	1.8	2.7	0.3	1.4	0.2	41.9	24,472	2.45	69.5	7.6
	72	73	5,512	12,137	1,269	4,257	292	45.5	73.5	4.2	12.2	1.3	2.1	0.2	1.1	0.2	29.2	23,636	2.36	40.8	8.2
	73	74	3,823	7,899	806	2,706	192	30.7	54.6	3.9	12.7	1.5	2.4	0.3	1.4	0.2	36.8	15,571	1.56	42.0	8.3
	74	75	6,028	12,038	1,179	3,837	266	48.2	89.7	6.3	19.2	2.0	3.2	0.3	1.6	0.2	47.0	23,566	2.36	79.8	10.4
	75	76	5,583	11,080	1,125	3,371	237	38.7	65.9	5.0	15.3	1.6	2.5	0.2	0.9	0.1	35.6	21,561	2.16	49.2	9.2
	76	77	3,319	7,506	828	2,659	213	34.9	59.4	4.3	13.5	1.5	2.5	0.2	1.1	0.2	35.6	14,677	1.47	42.0	15.9
	77	78	1,507	3,304	359	1,306	162	35.8	77.1	7.8	31.1	4.3	8.4	0.9	5.0	0.6	116.8	6,927	0.69	53.1	30.1
	78	79	1,607	3,820	411	1,487	143	31.2	77.1	10.4	54.4	8.6	19.0	2.1	12.3	1.6	268.0	7,953	0.80	96.7	19.2
	79	80	2,234	5,196	579	2,030	194	39.4	85.3	12.6	67.9	11.7	28.1	4.0	26.2	3.7	375.9	10,888	1.09	104.5	18.8
	80	81	5,043	9,704	957	2,799	183	28.8	45.3	3.5	11.6	1.4	2.4	0.2	1.4	0.2	33.0	18,814	1.88	28.2	8.9
	81	82	8,773	16,952	1,752	5,307	356	58.5	98.7	6.4	20.1	2.0	2.6	0.2	0.8	0.2	43.2	33,372	3.34	60.2	8.8
	82	83	6,521	13,082	1,329	4,421	308	52.7	89.3	5.9	17.7	1.9	2.7	0.2	1.3	0.2	43.2	25,876	2.59	55.5	7.7
	83	84	4,562	9,618	997	3,324	239	39.8	71.8	5.3	16.1	1.6	2.7	0.2	1.0	0.2	40.6	18,920	1.89	55.6	7.1
	84	85	5,911	11,535	1,127	3,593	240	38.1	69.0	4.8	15.3	1.6	2.3	0.2	1.0	0.1	36.8	22,575	2.26	49.8	11.0
	85	86	7,635	15,416	1,534	4,934	322	51.9	92.4	5.9	17.0	1.7	2.2	0.2	0.7	0.1	35.6	30,050	3.00	60.1	9.9
	86	87	19,117	37,221	3,806	11,781	656	107.3	179.2	11.3	32.9	3.3	4.4	0.4	1.5	0.2	71.1	72,992	7.30	107.0	6.8
	87	88	6,615	13,574	1,408	4,409	314	51.9	84.5	5.9	17.9	1.8	2.5	0.2	0.9	0.1	39.4	26,524	2.65	68.2	10.9
	88	89	5,383	11,092	1,145	3,511	254	40.2	66.7	5.0	14.9	1.6	2.2	0.2	0.8	0.1	34.3	21,552	2.16	55.6	14.8
	89	90	2,639	5,516	568	1,843	146	24.7	44.0	3.7	12.9	1.6	2.6	0.3	1.5	0.2	38.1	10,841	1.08	42.1	17.9
	90	91	3,624	7,432	767	2,484	183	28.1	51.4	3.8	12.6	1.4	2.5	0.3	1.5	0.3	33.0	14,625	1.46	53.4	19.2
	91	92	3,237	6,756	708	2,280	168	27.3	49.8	3.8	12.5	1.4	2.4	0.3	1.7	0.2	34.3	13,283	1.33	51.9	19.0
	92	93	3,788	7,100	733	2,438	225	40.2	83.6	7.7	32.0	4.5	10.9	1.2	8.0	1.1	133.3	14,607	1.46	75.4	14.3
	93	94	10,989	21,006	2,235	6,275	404	62.1	109.7	8.1	23.4	2.3	3.2	0.3	1.5	0.2	50.8	41,170	4.12	67.9	7.2
	94	95	11,306	21,128	2,187	6,054	359	51.1	91.6	7.2	22.3	2.3	3.9	0.3	1.7	0.2	53.3	41,268	4.13	56.3	9.4
	95	96	5,829	11,277	1,124	3,511	249	38.9	70.8	5.1	16.4	1.7	2.7	0.2	1.4	0.2	38.1	22,165	2.22	46.8	17.6
	96	97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	97	98	4,762	10,196	1,110	3,744	317	55.0	109.8	9.6	34.0	3.9	7.3	0.7	4.7	0.6	106.7	20,461	2.05	83.8	8.1
	98	99	9,758	18,979	1,867	5,739	384	61.3	99.7	7.9	25.0	2.8	4.6	0.4	2.1	0.3	68.6	36,998	3.70	78.0	10.8
	99	100	9,289	19,163	1,951	6,077	407	61.0	92.3	6.1	18.3	1.9	2.7	0.3	1.1	0.2	40.6	37,111	3.71	61.3	7.1
	100	101	7,307	14,864	1,522	4,724	334	54.7	89.4	6.5	19.3	2.1	3.3	0.3	1.0	0.2	45.7	28,973	2.90	73.2	9.2
	101	102	12,314	24,568	2,489	8,037	597	98.3	158.5	10.6	30.0	2.9	4.0	0.4	1.9	0.2	63.5	48,375	4.84	117.5	7.0
	102	103	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	103	104	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	104	105	10,250	20,883	2,066	6,299	434	76.4	135.4	11.4	39.3	4.9	8.9	1.0	5.7	0.8	143.5	40,359	4.04	133.0	3.5

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
	105	106	9,124	19,654	2,018	6,404	467	80.1	136.0	10.3	33.3	4.1	7.4	0.8	4.3	0.6	116.8	38,061	3.81	114.0	3.3
	106	107	5,289	13,881	1,637	5,785	524	90.2	146.4	9.1	24.2	2.4	3.7	0.3	1.7	0.2	57.2	27,452	2.75	122.0	6.0
	107	108	5,981	13,390	1,438	4,701	343	55.9	89.9	6.2	19.1	2.3	3.5	0.4	2.3	0.3	58.4	26,091	2.61	63.5	5.3
	108	109	4,070	10,552	1,244	4,292	359	61.5	104.8	7.1	21.7	2.5	4.2	0.5	2.3	0.3	63.5	20,786	2.08	88.4	1.9
	109	110	3,776	8,169	867	2,741	220	38.7	71.9	6.2	20.5	2.4	4.2	0.5	2.6	0.4	66.0	15,987	1.60	71.2	5.5
	110	111	5,336	10,749	1,084	3,138	208	34.7	60.3	5.1	18.7	2.3	4.1	0.5	2.4	0.3	62.2	20,704	2.07	43.7	3.3
	111	112	7,013	15,294	1,607	5,190	354	57.7	98.7	8.2	28.2	3.6	6.4	0.8	4.1	0.6	101.6	29,768	2.98	74.2	2.7
	112	113	8,233	16,768	1,691	5,062	318	50.3	83.9	6.7	20.5	2.0	3.1	0.3	1.4	0.2	48.3	32,289	3.23	75.4	2.5
	113	114	10,180	20,576	2,030	6,089	355	55.2	87.6	6.9	23.8	2.5	3.8	0.3	1.8	0.2	63.5	39,474	3.95	64.6	2.9
	114	115	8,151	15,969	1,547	4,666	276	43.2	69.5	5.0	16.2	1.6	2.4	0.2	0.9	0.1	38.1	30,785	3.08	58.1	6.0
	115	116	10,907	20,883	2,036	6,100	371	57.8	96.5	8.0	25.7	2.7	3.5	0.3	1.5	0.2	64.8	40,558	4.06	82.6	4.0
	116	117	7,377	14,249	1,414	4,281	269	43.0	67.8	5.0	15.6	1.6	2.4	0.2	0.9	0.1	38.1	27,764	2.78	42.3	6.7
	117	118	7,682	15,048	1,510	4,654	299	45.2	78.6	5.6	15.7	1.5	2.5	0.2	0.9	0.1	35.6	29,379	2.94	54.8	4.7
	118	119	6,744	12,775	1,244	3,732	231	34.7	62.7	5.1	16.5	1.6	2.2	0.2	0.8	0.1	36.8	24,887	2.49	50.6	12.4
	119	120	7,600	15,294	1,601	4,747	311	47.9	82.6	6.1	18.0	1.7	2.7	0.2	1.0	0.1	39.4	29,752	2.98	62.7	10.6
	120	121	7,213	13,451	1,323	3,954	239	36.8	68.0	5.5	17.7	1.7	2.4	0.2	1.0	0.1	39.4	26,353	2.64	46.5	7.1
	121	122	4,937	9,397	930	2,788	170	25.8	48.5	4.1	13.8	1.5	2.2	0.2	0.9	0.2	31.8	18,352	1.84	38.0	9.2
	122	123	8,972	15,662	1,649	4,561	318	47.2	83.8	6.4	20.9	2.3	3.4	0.3	1.1	0.2	49.5	31,377	3.14	56.6	6.1
	123	124	9,054	16,153	1,722	4,666	311	46.1	81.4	5.8	19.6	2.0	2.9	0.2	1.0	0.1	44.5	32,109	3.21	46.7	7.2
	124	125	7,623	13,758	1,371	4,047	268	40.4	72.0	5.3	17.8	1.9	2.9	0.2	1.0	0.1	40.6	27,250	2.73	43.7	6.7
	125	126	6,884	12,284	1,232	3,756	276	40.9	73.4	5.3	16.6	1.9	2.9	0.2	0.9	0.2	39.4	24,614	2.46	47.4	6.9
	126	127	8,913	18,487	2,139	6,357	480	71.4	122.2	7.1	19.4	2.0	3.0	0.3	1.3	0.2	40.6	36,643	3.66	61.4	4.3
	127	128	9,031	17,812	2,060	5,960	457	69.8	122.8	8.0	24.3	2.4	3.5	0.3	1.4	0.2	53.3	35,606	3.56	79.0	5.0
	128	129	10,098	20,453	2,344	6,975	555	86.8	150.4	9.1	24.3	2.6	3.4	0.3	1.5	0.2	50.8	40,755	4.08	86.9	1.8
	129	130	8,174	15,478	1,704	4,887	353	54.7	100.3	7.2	22.6	2.4	3.3	0.3	1.3	0.1	50.8	30,839	3.08	70.9	4.9
	130	131	3,096	7,284	876	2,998	246	36.7	63.5	3.8	10.4	1.0	1.6	0.2	0.9	0.1	24.1	14,642	1.46	36.3	1.0
KGKRC010	0	1	2,451	4,877	529	1,802	195	36.8	79.1	7.1	29.4	4.1	8.9	1.0	5.6	0.8	118.1	10,145	1.01	70.9	23.7
	1	2	3,249	6,228	672	2,257	233	40.6	80.9	5.7	16.6	1.9	3.5	0.4	2.3	0.3	48.3	12,839	1.28	85.7	21.8
	2	3	1,900	3,820	416	1,446	174	32.3	69.0	5.4	16.9	1.9	4.2	0.5	3.4	0.6	53.3	7,944	0.79	73.8	17.8
	3	4	4,105	8,378	890	2,916	249	43.4	85.9	6.6	21.8	2.6	4.9	0.6	3.0	0.4	66.0	16,773	1.68	58.9	16.6
	4	5	1,589	3,722	433	1,580	199	39.3	85.0	7.3	27.1	3.7	7.9	0.9	4.8	0.7	92.7	7,792	0.78	64.3	21.0
	5	6	3,260	6,990	785	2,613	233	40.1	78.0	5.8	19.1	2.3	4.1	0.5	3.2	0.6	58.4	14,093	1.41	84.6	19.2
	6	7	2,123	4,778	563	2,024	222	39.5	78.6	5.1	15.6	1.8	4.0	0.4	2.5	0.4	44.5	9,902	0.99	63.4	23.8
	7	8	2,463	4,815	533	1,855	212	40.9	82.4	5.8	17.8	2.2	4.0	0.5	3.1	0.4	50.8	10,085	1.01	56.3	17.6
	8	9	6,274	11,363	1,130	3,313	231	37.1	70.7	5.5	17.5	1.8	2.9	0.2	1.5	0.2	43.2	22,491	2.25	67.4	16.0
	9	10	7,893	14,434	1,522	4,491	319	46.3	78.5	4.5	13.4	1.3	2.5	0.3	1.3	0.2	33.0	28,840	2.88	41.8	14.4
	10	11	3,589	6,977	758	2,438	200	33.5	62.5	4.5	14.0	1.5	2.9	0.3	2.1	0.3	39.4	14,122	1.41	57.3	14.8
	11	12	2,979	5,491	545	1,639	128	21.3	41.2	3.1	11.0	1.4	3.0	0.3	2.1	0.3	34.3	10,899	1.09	37.1	24.3
	12	13	2,017	3,796	367	1,079	75	12.3	21.7	1.7	6.3	0.8	1.9	0.2	1.5	0.2	22.9	7,404	0.74	30.2	30.5
	13	14	3,143	6,044	626	1,901	137	21.1	38.5	2.7	9.5	1.1	2.1	0.2	1.1	0.2	26.7	11,954	1.20	31.6	27.1
	14	15	3,788	8,316	935	3,126	255	38.8	70.5	4.3	13.2	1.5	2.3	0.2	1.1	0.2	31.8	16,585	1.66	50.7	21.5

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
	15	16	2,780	5,552	587	1,849	148	25.2	54.4	4.9	16.4	1.8	3.0	0.3	2.1	0.3	43.2	11,068	1.11	70.0	24.8
	16	17	2,568	5,172	550	1,779	152	26.3	52.6	4.2	15.5	1.8	3.1	0.4	2.1	0.3	43.2	10,370	1.04	60.5	31.1
	17	18	4,539	9,324	999	3,208	253	39.7	75.4	5.7	17.3	1.8	3.0	0.3	1.5	0.2	41.9	18,509	1.85	69.0	29.5
	18	19	5,325	11,154	1,250	4,036	330	52.6	101.4	7.2	22.0	2.2	3.2	0.3	1.4	0.2	49.5	22,335	2.23	86.0	16.0
	19	20	2,269	4,778	533	1,790	169	28.5	54.1	3.5	11.1	1.2	2.4	0.3	1.5	0.2	30.5	9,673	0.97	51.6	23.9
	20	21	4,152	8,378	904	2,904	239	38.8	70.9	5.2	16.6	1.7	2.7	0.3	1.3	0.2	40.6	16,755	1.68	56.6	22.4
	21	22	3,859	8,095	805	2,694	201	34.6	60.4	4.9	15.5	1.6	2.6	0.3	1.3	0.2	36.8	15,812	1.58	51.2	20.5
	22	23	3,554	7,223	714	2,356	177	32.4	57.5	4.8	14.5	1.4	2.4	0.2	1.0	0.2	33.0	14,171	1.42	51.1	17.6
	23	24	3,448	7,469	766	2,659	215	38.2	69.4	5.4	16.1	1.5	2.6	0.2	1.4	0.2	36.8	14,729	1.47	68.4	17.1
	24	25	4,421	10,527	1,197	4,187	346	59.4	96.4	6.5	17.7	1.6	2.6	0.2	1.0	0.1	35.6	20,900	2.09	70.1	7.1
	25	26	4,492	9,754	1,005	3,418	248	41.2	64.9	4.3	11.9	1.2	1.9	0.2	0.7	0.1	25.4	19,068	1.91	39.6	4.8
	26	27	3,084	7,334	823	2,998	250	42.5	64.9	4.0	11.1	1.2	2.2	0.2	1.5	0.2	25.4	14,642	1.46	32.9	8.4
	27	28	6,955	15,355	1,691	5,587	449	78.9	135.4	9.6	27.9	2.7	4.5	0.4	1.9	0.3	59.7	30,358	3.04	97.5	17.4
	28	29	12,549	26,533	2,743	9,098	608	104.6	177.5	12.8	38.2	3.6	5.5	0.4	2.3	0.3	77.5	51,953	5.20	133.0	9.2
	29	30	10,332	21,804	2,241	7,232	466	81.6	136.6	9.7	28.6	2.6	4.4	0.3	1.5	0.2	57.2	42,398	4.24	104.0	19.2
	30	31	5,618	11,965	1,257	4,036	292	50.8	87.1	6.6	21.0	2.3	4.7	0.4	2.5	0.4	59.7	23,402	2.34	73.2	23.4
	31	32	3,354	6,891	684	2,245	161	28.4	49.6	4.1	13.8	1.6	3.2	0.3	1.7	0.3	39.4	13,477	1.35	49.6	28.3
	32	33	4,808	10,097	1,016	3,359	240	41.2	71.7	5.7	17.9	1.8	3.4	0.3	1.6	0.3	44.5	19,710	1.97	65.7	25.0
	33	34	4,855	9,975	992	3,243	234	40.0	70.2	6.1	19.9	1.9	3.2	0.3	1.4	0.3	44.5	19,486	1.95	59.2	21.3
	34	35	4,421	9,152	910	3,009	220	38.0	68.1	5.3	15.8	1.6	3.2	0.3	1.6	0.3	39.4	17,885	1.79	58.9	23.2
	35	36	4,105	8,623	869	2,904	205	34.2	56.1	4.1	13.1	1.4	2.7	0.2	1.3	0.2	31.8	16,852	1.69	49.7	24.3
	36	37	3,530	7,555	764	2,578	192	32.3	55.9	4.1	13.1	1.4	2.5	0.3	1.7	0.2	33.0	14,763	1.48	56.3	24.9
	37	38	833	1,978	203	753	88	21.8	55.0	6.6	29.4	4.0	9.3	0.9	5.7	0.8	110.5	4,099	0.41	41.4	10.6
	38	39	364	829	98	394	61	16.2	42.3	4.7	22.5	3.2	7.1	0.7	3.9	0.5	91.4	1,939	0.19	17.7	8.6
	39	40	630	1,517	163	626	89	20.6	50.1	5.7	25.7	3.9	9.4	1.0	6.0	0.8	111.8	3,259	0.33	23.1	11.9
	40	41	1,765	4,164	466	1,796	214	46.2	92.7	8.8	34.7	4.6	10.2	1.1	6.5	0.9	128.3	8,740	0.87	50.7	19.4
	41	42	2,944	6,363	655	2,263	179	31.2	53.8	4.1	13.3	1.5	3.1	0.3	1.7	0.3	38.1	12,551	1.26	45.4	20.3
	42	43	6,990	14,495	1,504	4,677	312	49.8	80.7	5.4	15.4	1.5	2.6	0.2	1.1	0.2	34.3	28,170	2.82	54.4	13.6
	43	44	4,375	8,267	795	2,566	176	29.0	49.2	3.6	11.5	1.1	1.9	0.2	0.9	0.1	26.7	16,303	1.63	37.7	12.6
	44	45	3,612	7,297	721	2,368	157	26.5	44.8	3.3	10.0	1.0	1.9	0.2	1.3	0.2	26.7	14,270	1.43	43.2	20.7
	45	46	2,803	6,179	644	2,245	181	30.2	52.6	4.0	12.9	1.4	2.7	0.3	1.7	0.3	33.0	12,191	1.22	42.1	17.3
	46	47	3,073	6,228	605	1,977	140	23.2	38.6	3.0	9.0	0.9	1.8	0.2	1.1	0.2	24.1	12,125	1.21	47.1	22.0
	47	48	11,787	21,927	2,163	6,509	464	77.1	126.8	8.9	23.2	2.3	3.9	0.3	1.7	0.3	50.8	43,144	4.31	81.3	7.0
	48	49	12,197	21,681	2,344	6,217	441	69.8	122.2	8.1	21.6	2.0	3.1	0.3	1.5	0.2	44.5	43,153	4.32	93.3	10.8
	49	50	3,741	7,211	764	2,333	186	31.4	57.9	4.3	12.4	1.4	2.3	0.2	1.1	0.2	31.8	14,377	1.44	50.7	19.2
	50	51	4,621	9,127	976	2,951	219	34.4	61.0	4.2	13.7	1.4	2.4	0.2	1.0	0.2	31.8	18,044	1.80	48.2	18.2
	51	52	8,925	16,461	1,855	5,004	351	54.9	93.9	6.4	17.8	1.7	2.9	0.2	1.0	0.2	36.8	32,811	3.28	69.5	8.4
	52	53	3,905	7,800	832	2,531	187	29.5	53.6	4.0	11.9	1.3	2.1	0.2	1.1	0.1	29.2	15,390	1.54	46.0	22.9
	53	54	2,639	5,417	596	1,878	149	24.2	42.5	2.9	9.1	1.0	1.7	0.2	0.9	0.1	22.9	10,784	1.08	42.2	26.8
	54	55	3,284	6,683	723	2,263	175	28.4	51.3	3.5	11.4	1.2	2.1	0.2	1.0	0.1	29.2	13,255	1.33	50.0	22.1
	55	56	3,683	7,407	794	2,403	184	31.2	57.6	4.2	12.6	1.4	2.6	0.3	1.3	0.3	33.0	14,615	1.46	49.4	16.8

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
	56	57	3,683	8,021	875	2,671	211	33.7	62.0	4.9	14.2	1.4	2.2	0.3	0.9	0.2	27.9	15,609	1.56	59.7	12.4
	57	58	2,686	5,405	573	1,755	138	24.1	47.3	4.1	12.5	1.4	2.3	0.4	1.6	0.4	30.5	10,681	1.07	48.7	21.7
	58	59	3,776	7,665	822	2,473	168	25.2	43.7	3.0	9.2	1.0	1.7	0.2	1.0	0.2	22.9	15,012	1.50	34.5	20.2
	59	60	7,905	16,153	1,897	5,214	343	53.8	95.0	6.4	19.1	1.8	2.7	0.2	1.1	0.1	38.1	31,731	3.17	77.3	10.4
	60	61	3,507	6,719	708	2,158	169	28.4	53.6	4.0	11.8	1.4	2.5	0.3	1.4	0.2	31.8	13,396	1.34	49.6	20.6
	61	62	2,287	4,656	499	1,534	111	18.2	31.6	2.5	7.7	0.9	1.8	0.2	1.4	0.2	22.9	9,174	0.92	37.0	25.1
	62	63	2,674	5,356	587	1,814	131	20.6	36.4	2.6	8.3	1.1	1.7	0.2	0.9	0.2	21.6	10,655	1.07	32.2	33.5
	63	64	3,988	7,592	803	2,449	195	33.9	63.9	4.7	13.7	1.4	2.4	0.2	1.1	0.2	33.0	15,182	1.52	56.2	16.6
	64	65	5,125	10,319	1,131	3,453	246	39.4	66.4	4.4	13.2	1.4	2.3	0.2	1.0	0.2	30.5	20,432	2.04	47.4	12.2
	65	66	3,941	7,616	816	2,531	210	37.4	69.6	5.0	16.5	2.1	4.2	0.5	2.9	0.5	53.3	15,306	1.53	56.6	21.6
	66	67	3,988	7,886	864	2,683	215	35.7	63.6	4.5	13.7	1.4	2.6	0.2	1.5	0.2	35.6	15,795	1.58	48.9	26.7
	67	68	3,483	7,174	785	2,438	186	30.6	53.8	4.0	12.7	1.3	2.2	0.2	1.4	0.2	29.2	14,202	1.42	53.5	30.9
	68	69	2,439	5,036	555	1,755	138	22.5	37.6	2.4	7.5	0.8	1.7	0.2	1.0	0.2	20.3	10,018	1.00	38.7	28.2
	69	70	2,768	5,651	611	1,913	153	25.6	47.7	3.7	10.7	1.1	1.9	0.2	0.9	0.2	24.1	11,212	1.12	52.4	18.6
	70	71	4,527	9,041	987	3,091	247	39.5	71.9	4.8	14.8	1.5	2.4	0.3	1.3	0.2	34.3	18,064	1.81	53.2	12.4
	71	72	2,756	5,712	637	2,070	181	30.9	56.1	4.0	11.6	1.4	2.3	0.2	1.5	0.2	30.5	11,495	1.15	41.9	19.2
	72	73	4,398	8,783	956	2,939	224	36.8	66.3	4.6	15.3	1.6	3.0	0.3	1.4	0.2	38.1	17,468	1.75	44.9	15.0
	73	74	4,386	9,152	1,044	3,336	266	41.6	70.8	4.7	13.3	1.4	2.1	0.2	1.1	0.2	30.5	18,349	1.83	39.2	11.2
	74	75	3,847	7,678	848	2,683	217	34.7	62.5	4.2	13.7	1.4	2.4	0.2	1.3	0.2	33.0	15,425	1.54	42.0	16.4
	75	76	6,533	12,898	1,377	4,129	298	47.9	85.0	6.0	18.0	1.7	2.7	0.3	1.4	0.2	38.1	25,436	2.54	61.5	11.4
	76	77	5,770	10,196	1,043	3,126	234	39.5	71.4	5.5	18.1	1.9	2.9	0.3	1.3	0.2	41.9	20,552	2.06	54.0	12.9
	77	78	2,346	4,729	518	1,662	149	26.8	47.8	3.3	10.2	1.2	2.2	0.2	1.3	0.2	27.9	9,525	0.95	39.3	20.3
	78	79	6,849	13,942	1,408	4,001	281	44.5	74.6	5.1	16.1	1.6	3.0	0.3	1.3	0.1	34.3	26,661	2.67	53.1	15.2
	79	80	2,340	5,282	597	2,012	220	39.6	73.1	5.3	17.5	2.0	3.8	0.5	2.7	0.4	47.0	10,642	1.06	59.6	20.1
	80	81	3,436	8,095	919	2,939	270	46.0	80.3	5.9	18.3	2.0	3.8	0.4	2.7	0.4	49.5	15,870	1.59	82.2	18.7
	81	82	2,093	4,692	527	1,761	197	37.8	74.5	6.4	21.6	2.7	5.3	0.6	3.4	0.5	64.8	9,488	0.95	63.6	18.5
	82	83	3,249	7,039	759	2,403	223	39.4	73.7	6.0	18.9	2.1	4.4	0.5	2.9	0.4	50.8	13,871	1.39	70.3	19.0
	83	84	2,369	5,135	558	1,814	190	33.8	64.4	4.9	16.1	1.8	3.3	0.4	2.6	0.4	41.9	10,235	1.02	70.4	17.8
	84	85	2,651	5,663	613	1,977	202	34.3	63.3	4.8	15.0	1.8	3.3	0.3	2.3	0.3	41.9	11,272	1.13	59.7	21.2
	85	86	2,920	5,589	533	1,516	115	19.2	36.2	3.4	13.2	1.4	2.4	0.2	1.5	0.2	34.3	10,785	1.08	38.5	14.0
	86	87	3,577	7,518	774	2,298	181	28.8	49.8	4.0	12.9	1.3	2.3	0.2	1.1	0.1	34.3	14,483	1.45	44.5	19.0
	87	88	2,357	5,331	585	1,814	154	24.8	44.3	3.7	11.7	1.4	2.3	0.2	1.1	0.2	31.8	10,363	1.04	41.3	21.9
	88	89	2,568	5,761	650	2,123	204	34.2	63.2	5.1	15.4	1.5	2.5	0.3	1.4	0.2	36.8	11,467	1.15	69.6	19.2
	89	90	5,559	11,129	1,128	3,301	259	44.1	82.5	7.0	21.1	2.2	3.5	0.3	1.6	0.2	52.1	21,591	2.16	84.8	8.7
	90	91	3,378	7,076	725	2,135	164	27.0	49.1	3.6	11.6	1.2	2.1	0.2	1.0	0.1	26.7	13,599	1.36	47.9	15.0
	91	92	4,093	8,304	855	2,531	201	33.5	62.2	4.9	15.2	1.6	2.6	0.2	1.4	0.2	34.3	16,141	1.61	55.8	14.9
	92	93	5,266	10,196	996	2,764	199	33.1	60.2	5.0	15.7	1.7	2.4	0.2	1.1	0.2	35.6	19,576	1.96	60.2	11.6
	93	94	4,410	9,041	961	2,963	279	51.8	104.7	9.3	34.7	4.1	8.0	0.7	4.0	0.4	95.2	17,966	1.80	69.1	23.9
	94	95	2,826	6,068	644	1,995	183	32.0	61.7	5.2	15.7	1.7	3.2	0.3	1.8	0.2	39.4	11,878	1.19	56.8	17.6
	95	96	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	96	97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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
	97	98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	98	99	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	99	100	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	100	101	5,465	10,233	977	2,694	189	31.3	55.3	4.5	17.2	2.1	4.1	0.4	2.1	0.2	53.3	19,729	1.97	52.7	19.0
	101	102	5,418	10,110	961	2,624	172	27.7	48.1	4.0	13.2	1.6	2.7	0.3	1.7	0.2	36.8	19,421	1.94	46.1	24.6
	102	103	3,976	7,653	749	2,146	156	25.7	45.4	3.6	11.6	1.3	2.3	0.2	1.4	0.2	31.8	14,803	1.48	41.8	23.0
	103	104	969	2,230	228	747	90	19.7	47.5	5.2	23.1	3.6	7.4	0.9	4.9	0.6	87.6	4,463	0.45	25.3	11.4
	104	105	520	1,110	138	505	86	21.3	58.4	7.5	37.6	6.0	14.5	1.6	9.9	1.3	161.3	2,679	0.27	31.3	15.6
	105	106	732	1,941	227	807	104	21.3	49.5	6.0	29.8	4.9	12.0	1.3	8.1	1.1	137.2	4,082	0.41	40.7	11.2
	106	107	1,020	2,457	267	882	110	24.0	58.3	6.4	28.5	3.9	8.8	1.0	6.3	0.8	104.1	4,978	0.50	46.3	9.9
	107	108	2,287	5,233	582	1,860	180	31.3	61.0	5.4	17.5	2.1	4.2	0.5	2.7	0.4	48.3	10,316	1.03	56.7	13.6
	108	109	1,472	3,243	329	993	104	22.5	52.2	5.7	24.8	3.6	8.5	0.9	5.0	0.7	95.2	6,359	0.64	36.4	12.9
	109	110	452	995	120	428	69	17.3	46.1	5.5	25.4	3.9	8.6	0.9	5.4	0.7	100.3	2,278	0.23	20.5	9.4
	110	111	415	870	101	365	63	15.3	41.7	4.9	22.4	3.5	7.9	0.8	4.8	0.6	92.7	2,009	0.20	18.8	7.8
	111	112	1,525	3,206	321	1,026	123	28.3	67.7	7.5	34.4	5.2	11.7	1.3	7.6	0.9	138.4	6,504	0.65	31.9	17.4
	112	113	509	910	103	379	61	15.5	40.6	4.9	23.5	3.3	7.9	0.9	5.2	0.6	91.4	2,156	0.22	18.0	8.3
	113	114	511	975	113	404	58	14.7	40.5	4.6	22.0	3.3	7.9	0.8	4.8	0.6	87.6	2,249	0.22	16.9	9.2
	114	115	1,202	2,408	237	734	68	14.0	30.8	3.1	14.2	2.0	5.2	0.5	3.3	0.4	57.2	4,779	0.48	24.6	17.0
	115	116	8,597	14,004	1,287	3,511	209	33.6	56.9	4.5	16.1	1.8	3.3	0.3	1.5	0.2	41.9	27,767	2.78	40.8	9.4
	116	117	4,820	7,960	756	2,123	128	21.0	36.3	3.2	11.7	1.2	2.4	0.2	1.3	0.2	29.2	15,894	1.59	36.7	16.6
	117	118	5,712	9,741	923	2,636	169	27.3	49.7	4.1	14.2	1.5	2.6	0.2	1.5	0.2	34.3	19,317	1.93	44.1	16.2
	118	119	4,093	7,039	669	1,936	128	21.3	37.1	2.8	9.6	1.3	2.2	0.2	1.6	0.2	29.2	13,970	1.40	31.6	22.5
	119	120	3,518	6,191	605	1,767	120	19.7	33.2	2.6	9.1	1.1	2.1	0.2	1.0	0.2	26.7	12,298	1.23	28.9	20.4
	120	121	4,304	7,444	706	2,041	132	22.2	38.0	3.1	10.7	1.2	2.1	0.2	1.3	0.2	27.9	14,734	1.47	39.5	29.3
	121	122	4,058	7,444	745	2,344	200	34.3	62.5	5.1	18.6	2.4	5.0	0.6	3.4	0.5	58.4	14,983	1.50	38.6	13.8
	122	123	4,609	8,439	858	2,648	201	34.9	60.5	4.5	15.4	1.7	3.2	0.3	1.6	0.2	41.9	16,919	1.69	40.2	18.4
	123	124	2,416	4,742	512	1,697	152	27.8	51.2	4.1	14.8	1.7	3.7	0.4	2.2	0.3	43.2	9,669	0.97	40.2	17.2
	124	125	2,967	5,614	584	1,831	146	25.0	45.1	3.2	10.7	1.3	2.5	0.3	1.7	0.2	29.2	11,261	1.13	29.9	17.4
	125	126	3,999	7,358	752	2,327	184	31.8	56.6	4.3	14.7	1.5	2.7	0.3	1.8	0.2	38.1	14,772	1.48	44.5	19.2
	126	127	5,371	9,139	870	2,496	165	27.4	48.4	3.9	14.0	1.6	2.7	0.3	1.3	0.2	36.8	18,178	1.82	42.1	20.0
	127	128	3,366	6,289	649	2,012	155	26.6	48.2	3.7	13.5	1.5	2.7	0.3	1.6	0.2	36.8	12,607	1.26	32.0	24.2
	128	129	6,826	11,178	1,032	2,881	181	30.0	54.4	4.8	16.8	1.8	3.1	0.3	1.5	0.2	41.9	22,253	2.23	45.8	13.6
	129	130	5,008	8,599	830	2,368	152	25.6	46.8	3.8	13.8	1.5	2.7	0.3	1.6	0.2	38.1	17,091	1.71	36.0	23.1
	130	131	5,055	8,636	852	2,508	182	31.8	57.4	4.5	13.9	1.6	2.5	0.3	1.7	0.3	35.6	17,382	1.74	46.5	16.0
	131	132	5,524	10,110	1,044	3,208	240	40.1	70.0	5.2	16.5	1.6	2.7	0.3	1.5	0.2	38.1	20,301	2.03	53.5	15.6
	132	133	4,609	8,599	881	2,683	195	32.3	59.2	5.1	16.3	1.6	2.6	0.2	1.1	0.1	36.8	17,122	1.71	51.2	9.2
	133	134	5,090	8,967	887	2,659	190	30.6	53.1	3.9	12.6	1.4	2.4	0.2	1.3	0.2	31.8	17,930	1.79	36.7	15.9
	134	135	4,597	7,899	784	2,344	172	30.5	53.5	4.4	15.6	1.6	2.7	0.3	1.6	0.2	38.1	15,945	1.59	51.1	15.6
	135	136	6,181	10,920	1,095	3,301	244	39.3	67.9	4.8	14.9	1.6	2.6	0.2	1.1	0.2	33.0	21,906	2.19	53.0	12.4
	136	137	3,929	6,842	674	1,989	134	22.0	37.9	2.8	9.8	1.1	2.2	0.2	1.1	0.2	27.9	13,673	1.37	31.3	22.1
	137	138	3,096	5,614	559	1,674	122	20.2	35.7	3.0	10.6	1.2	2.2	0.2	1.5	0.2	30.5	11,171	1.12	33.5	23.3

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
	138	139	6,650	11,203	1,084	3,103	208	33.4	58.8	4.4	15.6	1.7	2.9	0.3	1.5	0.2	39.4	22,405	2.24	45.9	16.0
KGKRC011	0	1	8,819	14,004	1,281	3,663	247	42.3	77.1	6.3	18.8	1.7	2.3	0.2	0.8	0.1	35.6	28,199	2.82	65.9	1.7
	1	2	7,119	11,473	1,079	3,091	212	36.9	72.2	6.7	21.2	1.9	2.7	0.2	0.9	0.1	40.6	23,158	2.32	85.3	1.4
	2	3	6,990	11,277	1,073	3,103	233	43.7	84.5	8.9	30.6	3.1	4.7	0.4	1.5	0.3	66.0	22,919	2.29	80.1	2.2
	3	4	3,859	6,289	596	1,697	125	24.4	53.6	6.5	23.1	2.3	3.2	0.2	1.0	0.2	49.5	12,729	1.27	77.1	1.1
	4	5	7,436	12,124	1,137	3,114	193	32.9	60.1	5.4	17.9	1.7	2.6	0.3	1.3	0.2	43.2	24,170	2.42	45.9	2.3
	5	6	5,841	9,422	888	2,461	158	27.0	52.1	4.8	16.1	1.6	2.9	0.2	1.4	0.2	40.6	18,916	1.89	41.0	2.8
	6	7	5,407	9,569	959	2,811	202	36.2	68.4	5.3	15.8	1.7	2.9	0.2	1.4	0.2	36.8	19,117	1.91	40.3	5.9
	7	8	6,509	11,056	1,130	3,394	274	49.1	97.4	8.7	29.7	2.9	4.4	0.3	1.8	0.3	69.8	22,627	2.26	88.0	3.4
	8	9	5,923	9,471	913	2,636	212	41.0	82.9	7.1	23.3	2.4	3.0	0.3	1.3	0.2	53.3	19,369	1.94	71.0	1.7
	9	10	5,852	10,024	980	2,846	212	37.8	69.0	5.5	16.2	1.6	2.4	0.2	0.9	0.1	34.3	20,082	2.01	55.2	1.5
	10	11	5,841	9,557	939	2,671	198	35.7	69.6	5.8	18.6	1.8	2.5	0.2	0.7	0.1	36.8	19,377	1.94	58.6	1.6
	11	12	6,978	11,584	1,130	3,231	228	40.3	74.3	5.5	15.8	1.5	2.3	0.2	0.8	0.1	31.8	23,323	2.33	71.1	1.8
	12	13	5,289	8,857	875	2,508	178	32.4	63.6	5.5	17.2	1.6	2.4	0.2	1.0	0.2	39.4	17,870	1.79	60.5	1.6
	13	14	7,271	12,407	1,238	3,628	271	48.8	96.8	9.2	30.1	2.9	4.6	0.3	1.5	0.2	66.0	25,076	2.51	99.0	2.8
	14	15	9,594	14,434	1,311	3,593	269	50.7	105.6	10.6	39.1	4.4	6.9	0.5	2.5	0.3	110.5	29,531	2.95	79.3	3.6
	15	16	10,250	15,478	1,414	3,826	264	49.6	98.0	9.6	32.5	3.4	4.6	0.3	1.5	0.2	72.4	31,504	3.15	78.7	2.4
	16	17	8,139	12,468	1,162	3,208	237	44.7	88.8	8.8	30.9	3.2	4.8	0.4	1.9	0.2	76.2	25,474	2.55	75.7	2.0
	17	18	5,383	8,673	812	2,269	163	29.1	55.6	4.9	15.2	1.6	2.3	0.2	0.8	0.1	34.3	17,443	1.74	51.9	0.7
	18	19	9,488	15,171	1,420	3,826	235	39.6	71.9	6.3	18.6	1.8	2.5	0.2	0.8	0.1	40.6	30,322	3.03	62.0	1.7
	19	20	10,637	15,969	1,438	3,826	242	41.8	79.3	6.8	22.6	2.2	3.5	0.2	1.3	0.1	52.1	32,322	3.23	67.7	2.2
	20	21	10,461	15,846	1,474	3,989	276	48.8	90.9	8.4	28.7	2.9	3.9	0.3	1.5	0.1	68.6	32,301	3.23	81.3	2.2
	21	22	5,794	9,041	861	2,426	179	31.6	62.4	6.5	22.7	2.2	3.3	0.3	1.1	0.2	52.1	18,484	1.85	69.1	1.5
	22	23	13,370	20,944	2,084	5,377	369	65.4	126.2	11.9	42.2	4.2	6.5	0.5	2.3	0.2	102.9	42,506	4.25	115.5	2.9
	23	24	8,057	12,468	1,164	3,254	229	39.6	77.0	7.3	24.7	2.5	3.3	0.2	1.1	0.1	54.6	25,383	2.54	82.3	1.5
	24	25	8,022	11,805	1,063	2,811	170	28.5	58.0	6.4	25.4	2.5	3.9	0.3	1.0	0.2	57.2	24,054	2.41	67.9	1.2
	25	26	4,480	7,223	695	2,024	197	31.4	66.0	6.9	26.4	2.8	4.2	0.3	1.9	0.3	63.5	14,822	1.48	82.8	1.8
	26	27	14,836	21,067	1,909	4,794	324	57.3	107.8	9.5	33.4	3.3	4.7	0.3	1.9	0.2	81.3	43,229	4.32	95.6	4.4
	27	28	11,048	14,864	1,238	3,138	209	39.4	77.8	8.2	31.7	3.3	4.8	0.4	1.9	0.2	80.0	30,744	3.07	78.4	3.9
	28	29	11,787	18,856	1,788	4,934	326	54.0	95.0	8.1	27.2	3.0	4.7	0.3	1.6	0.2	69.8	37,954	3.80	76.4	4.2
	29	30	16,243	22,603	1,945	5,167	355	63.0	123.3	11.9	45.1	4.8	6.9	0.6	2.7	0.3	118.1	46,690	4.67	97.0	4.3
	30	31	9,981	17,075	1,661	4,771	300	47.1	85.2	6.7	20.4	1.9	2.7	0.2	0.8	0.1	43.2	33,996	3.40	76.7	2.2
	31	32	13,194	22,234	2,108	5,844	325	51.0	88.6	7.3	22.6	2.2	3.3	0.2	1.0	0.2	50.8	43,932	4.39	77.7	2.9

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>

Criteria	JORC Code explanation	Commentary
		Analysis for other metals is conducted by four acid digest and ICP-MS (ALS code ME-4ACD81). The elements analysed using this technique are: Ag, As, Cd, Co, Cu, Li, Mo, Ni Pb, Sc, Tl, Zn 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.

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 have been accurately surveyed by a professional surveyor using a Differential GPS survey system. 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.
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. 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.

Criteria	JORC Code explanation	Commentary
		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.