LINDIAN
RESOURCES LTD.

ASX ANNOUNCEMENT
29 May 2023

KANGANKUNDE DELIVERS HIGHEST GRADE RARE EARTHS ASSAYS TO DATE

CONTINUITY OF HIGH-GRADE MINERALISATION IN MULTIPLE THICK INTERCEPTS DEMONSTRATES THAT KANGANKUNDE IS EMERGING AS ONE OF THE WORLD'S GREATEST RARE EARTHS PROJECTS

HIGHLIGHTS

- **Assay results for a further 13 RC and 4 core holes with extensive rare earths mineralisation up to 15.8% TREO – all drill holes ended in mineralisation**
- **Significant intersections include:**
  - **49 metres @ 5.47% TREO from surface to EOH in KGKRC059**
  - **163 metres @ 3.68% TREO from surface to EOH in KGKRC061 including:**
    - **48 metres @ 5.28% TREO from surface**
    - **105 metres @ 3.16% TREO from 57 metres**
  - **293.4 metres @ 3.66% TREO from 4 metres to EOH in KGKRCDD018 including:**
    - **170 metres @ 3.55% TREO from 4 metres[1]**
    - **122.7 metres @ 3.94% TREO from 174.7 metres**
  - **180 metres @ 3.46% TREO from surface to EOH in KGKRC062**
  - **180 metres @ 3.41% TREO from surface to EOH in KGKRC067 including:**
    - **125 metres @ 3.93% TREO from surface**
  - **161 metres @ 3.20% TREO from surface to EOH in KGKRC068 including:**
    - **8 metres @ 4.17% TREO from 18 metres**
    - **130 metres @ 3.35% TREO from 31 metres**
- **Low levels of thorium and uranium radionuclides in all carbonatite mineralisation**
- **Average grade of rare earths critical metal elements neodymium-praseodymium (NdPr) of ~20% of TREO (cumulative for all holes)**
- **Phase 1 resource definition drilling is complete with assays pending on remaining 14 holes**
- **Phase 2 depth extension drilling is ongoing with second deep core hole currently at about 200 metres**
- **On track to report maiden Mineral Resource Estimate by end of *this quarter***

[1] Previously reported RC pre-collar ASX:LIN 17th April 2023: "More High-Grade Rare Earths at Kangankunde With Best Continuous Intersections Yet"

Level 24, 108 St Georges Terrace
Perth WA 6000, Australia
www.lindianresources.com.au
Twitter: @asxlindian
ASX: LIN

Executive Chairman
Asimwe Kabunga
Non-Executive Directors
Giacomo (Jack) Fazio
Yves Occello

T: +61 8 6557 8838
E: info@lindianresources.com.au
Enquiries on the announcement to:
Alistair Stephens, Chief Executive Officer

Lindian's Chief Executive Officer, Alistair Stephens commented:

"The assays we are reporting today are nothing short of spectacular. They provide futher evidence that Kangankunde has substantial rare earths grade and massive geometric size, substantial depth potential, with non-radioactive mineralisation. All this points to the fact that Kangankunde could very soon emerge as one of the world's greatest rare earths assets. Furthermore, initial metallurgical work programs have ascertained the mineralisation is amenable to water-based gravity separation with exceptional recovery and grade.

While all assays are very encouraging, with KGKRC059's 49 metres @ 5.47% TREO from surface to end of hole being a clear standout, KGKRCDD018 warrants special mention given we have intersected ~123 metres @ 3.94% TREO from almost 175 metres down. This demonstrates that higher grade mineralisation is continuing at depth.

We look forward to reporting assays from the remaining 14 holes, ongoing progress from the Phase 2 drill program and progress with respect to the first stage processing plant. Lindian is very well-placed and interest continues to grow in the project from investors throughout the world and potential quality offtakers."

Lindian Resources Limited (ASX:LIN) ("Lindian" or "the Company") is pleased to advise of further assay results from the Phase 1 drilling program at the Kangankunde Rare Earths Project in Malawi.

The assays reported below are from thirteen (13) reverse circulation (RC) drill holes **KGKRC055 and KGKRC056 and KGKRC058 to KGKRC068** and 4 core tail extensions **KGKRDD001 to KGKRCDD003 and KGKRCDD018**.

All holes drilled have extensive intersections of mineralisation which are non-radioactive and have significant percentages of critical Rare Earths metal elements neodymium and praseodymium (NdPr).

DRILL ASSAY RESULTS

The holes being reported in this announcement are from (see Figure 2):

a) the northern area of the central carbonatite complex
b) the western area of the central carbonatite complex; and
c) a single hole in the central-eastern area of the central carbonatite complex

1. CENTRAL CARBONATITIE COMPLEX NORTH

Nine of the RC holes and all four of the diamond core tails reported in this announcement are drilled in the northern area of the central carbonatite.

Phase 1 assay results reported in this release have intersected very high-grade carbonatite mineralisation in several holes over extensive strike and dip ranges.

KGKRC059 intersected 49 metres at 5.47% TREO prior to the hole failing due to ground conditions. This hole was redrilled as KGKRC061 which succeeded in achieving greater depth and intersecting an overall 163 metres at 3.68% TREO from surface including 48 metres at 5.28% TREO from surface, a strong correlation with the intersection in KGKRC059, and a further 105 metres @ 3.16% TREO from 57 metres.

KGKRC063 is drilled 50 metres west of KGKRC061 and intersected 180 metres at 2.83% TREO from surface including 27 metres at 3.94% TREO from 92 metres. This deeper high-grade intercept is interpreted to be the 60 metres down dip extension of the high grade near surface mineralisation of holes KGKRC059 and KGKRC061.

KGKRC067 is drilled 80 metres north of KGKRC061 and intersected 180 metres at 3.41% TREO including 125 metres at 3.93% TREO from 22 metres depth. KGKRC068, a further 30 metres north, intersected 161 metres at 3.20% TREO from surface including 8 metres at 4.17% from 18 metres depth and 130 metres at 3.35% from 31 metres depth.

The diamond drilling core tail of KGKRCDD018, drilled from the base of a 174 metre RC precollar, intersected 122.7 metres @ 3.94% TREO from 174.7 metres. This diamond tail passes subparallel through, and beneath, the mineralisation reported in KGKRC059 and KGKRC061, and includes an intersection of 69 metres at 4.68% TREO from 161 metres. Including the RC precollar the overall intersection in KGKRCDD018 is 293.4 metres from 4 metres to EOH averaging 3.66% TREO.

Assay results are pending on holes drilled to the north of KGKRC068 and between KGKRC59 and KGKRC061 and KGKRC067.

The remaining RC holes in the northern area KGKRC056, KGKRC058, KGKRC060 and KGKRC065 and the diamond core tails KGKRCDD001, KGKRCDD002 and KGKRCDD003 intersected mineralised carbonatite breccia and mixed breccia with varying amounts of fenitised wall rock which forms a geological divide between the western area and central north high-grade carbonatite mineralisation. All holes are consistently mineralised ranging from 1.70% TREO (KGKRC060) to 2.28% (KGKRC056)

Figure 1 is a north facing cross section showing the western (KGKRC062) and central mineralisation drill holes.

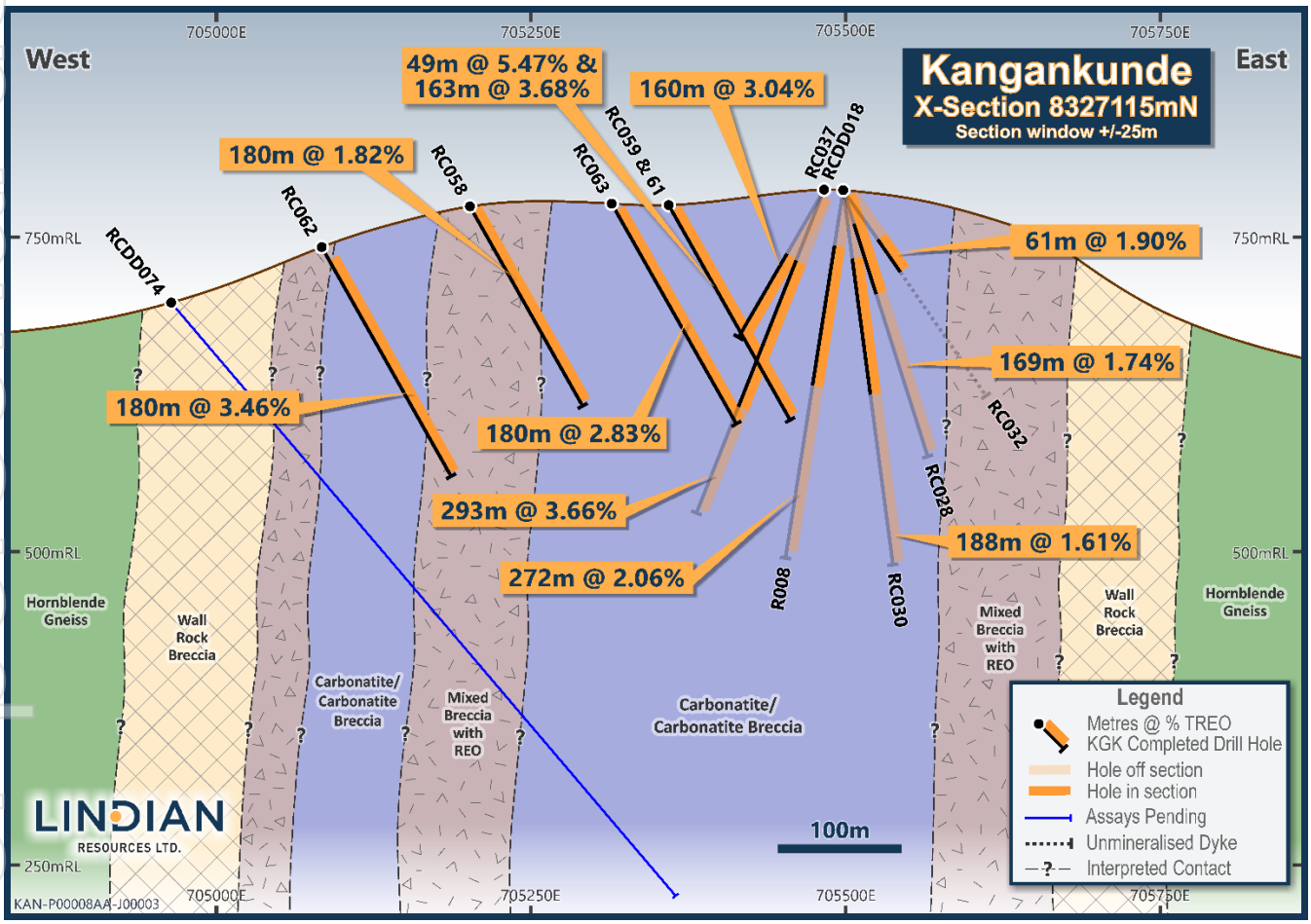


Figure 1: North facing cross section 8327115mN (A-A' Figure 2) showing KGKRC062, KGKRC058, KGKRC063, KGKRC059, KGKRC061 and KGKRCDD018 reported in this announcement with previously reported drillholes.

2. CENTRAL CARBONATITIE COMPLEX WESTERN AREA

Holes KGKRC062, KGKRC0064 and KGKRC066 were drilled in the western area of the central carbonatite to test the northern extension of the western carbonatite bodies.

Assays from drilling of the western zones of carbonatite mineralisation continue to be high grade with KGKRC062 intersecting 180 metres at 3.46% TREO from surface to EOH and KGKRC064 intersecting 180 metres at 2.97% TREO from surface to EOH. These holes are ~ 40 metres apart along the strike of the mineralisation. These grades and thicknesses are greater than the nearest intersections 80 to 105 metres to the south in KGKRC050 (150 at 2.63% TREO), KGKRC054 (81 metres at 3.34% TREO) and KGKRC046 (55 metres at 3.25% TREO)[2].

KGKRC066, 40 metres north of KGKRC064, intersected 181 metres at 1.76% TREO from surface in mixed breccia rock indicating the western carbonatite bodies terminate between KGKRC064 and KGKRC066. The last 15 metres of the KGKRC066 assayed 3.27% TREO demonstrating an increase in carbonatite in the breccia to the east.

Error! Reference source not found. Figure 1 above shows the mineralisation for KGKRC062 with all results shown in plan view on Figure 2.

3. CENTRAL CARBONATITIE EAST

KGKRC055 drilled to the east on the central carbonatite intersected 159 metres at 1.72% TREO including 74 metres at 2.69% TREO from surface. The intersection is hosted in a carbonatite breccia with varying fenitised wall rock content.

Table 1 below lists the significant intersections reported in this announcement. Figure 2 shows the intersections in plan view on the interpreted central carbonatite geology.

Table 1: Significant rare earths intersections*

Hole ID	From (m)	To (m)	Intersection	TREO %	NdPrO** ppm	NdPrO% of TREO***	Area/ Details
KGKRC055	**0**	**159**	**159**	**1.72**	**3,906**	**22.7%**	**East**
including	0	74	74	2.69	5,896	21.9%	
KGKRC056	**0**	**160**	**160**	**2.28**	**4,668**	**20.5%**	**North**
KGKRC058	**0**	**180**	**180**	**1.82**	**3,668**	**20.2%**	**North**
KGKRC059	**0**	**49**	**49**	**5.47**	**10,172**	**18.6%**	**North**
KGKRC060	**0**	**175**	**175**	**1.70**	**3,621**	**21.3%**	**North**
KGKRC061	**0**	**163**	**163**	**3.68**	**7,048**	**19.1%**	**North**
including	0	48	48	5.28	9,841	18.7%	
	57	162	105	3.16	6,144	19.4%	
KGKRC062	**0**	**180**	**180**	**3.46**	**6,678**	**19.3%**	**West**
KGKRC063	**0**	**180**	**180**	**2.83**	**5,445**	**19.2%**	**North**
KGKRC064	**0**	**180**	**180**	**2.97**	**5,907**	**19.9%**	**West**
including	0	117	117	3.44	6,842	19.9%	
	135	177	42	2.44	4,772	19.6%	
KGKRC065	**0**	**180**	**180**	**1.86**	**3,805**	**20.5%**	**North**
including	130	180	50	2.77	5,463	19.7%	
KGKRC066	**0**	**181**	**181**	**1.76**	**3,665**	**20.8%**	**West**
including	134	157	23	2.74	5,194	19.0%	
	162	177	15	3.27	5,591	17.1%	
KGKRC067	**0**	**180**	**180**	**3.41**	**6,480**	**19.0%**	**North**
including	22	147	125	3.93	7,346	18.7%	

[2] ASX: LIN 11th May 2023: "High Grade Rare Earths Assays Continue at Kangankunde"

Hole ID	From (m)	To (m)	Intersection	TREO %	NdPrO** ppm	NdPrO% of TREO***	Area/ Details
KGKRC068	**0**	**161**	**161**	**3.20**	**6,312**	**19.7%**	**North**
including	18	26	8	4.17	8,242	19.8%	
	31	161	130	3.35	6,572	19.6%	
KGKRCDD001	**0**	**273.81**	**273.81**	**2.50**	**5,123**	**20.5%**	**North**
including	*0*	*108*	*108*	2.90	6,006	20.7%	*RC precollar****
	108	273.81	165.81	2.23	4,517	20.3%	Core tail
KGKRCDD002	**0**	**323.21**	**323.21**	**2.77**	**5,722**	**20.7%**	**North**
including	*0*	*250*	*250*	2.90	6,010	20.7%	*RC precollar****
	251.26	323.21	71.95	2.28	4,729	20.7%	Core tail
KGKRCDD003	**0**	**240.97**	**240.97**	**2.41**	**5,064**	**21.0%**	**North**
including	*0*	*184*	*184*	2.49	5,195	20.7%	*RC precollar****
	184	240.97	56.97	2.16	4,642	21.4%	Core tail
KGKRCDD018	**4**	**297.41**	**293.41**	**3.66**	**6,903**	**18.9%**	**North**
including	*4*	*174*	*170*	3.55	7,124	20.7%	*RC precollar****
	174.75	297.41	122.66	3.94	6,806	17.3%	Core tail

** 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, **** Previousy reported*

Neodymium and Praseodymium Ratio

The mineralisation is dominated by light rare earths cerium (Ce), lanthanum (La), neodymium (Nd) and praseodymium (Pr). The total Nd+Pr content in oxide form constitutes on average ~20% of the TREO in all holes reported to date.

Non-Radioactive Mineralisation

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

Table 2: Average radionuclides thorium and uranium content of mineralisation

Hole ID	From (m)	To (m)	Intersection (m)	Th ppm	U ppm
KGKRC055	0	159	159	46.7	8.9
KGKRC056	0	160	160	40.4	6.4
KGKRC058	0	180	180	34.5	7.0
KGKRC059	0	49	49	96.3	3.8
KGKRC060	0	175	175	29.0	4.7
KGKRC061	0	163	163	74.5	5.3
KGKRC062	0	180	180	38.4	1.5
KGKRC063	0	180	180	45.8	7.9
KGKRC064	0	180	180	36.9	0.6
KGKRC065	0	180	180	23.0	2.7
KGKRC066	0	181	181	22.7	0.3
KGKRC067	0	180	180	55.5	3.2
KGKRC068	0	161	161	46.0	2.6
KGKRCDD001	108	273.81	273.81	40.7	13.0
KGKRCDD002	250	323.21	323.21	35.1	12.2
KGKRCDD003	184	240.97	240.97	37.3	6.4
KGKRCDD018	174	297.41	297.41	64.8	4.2

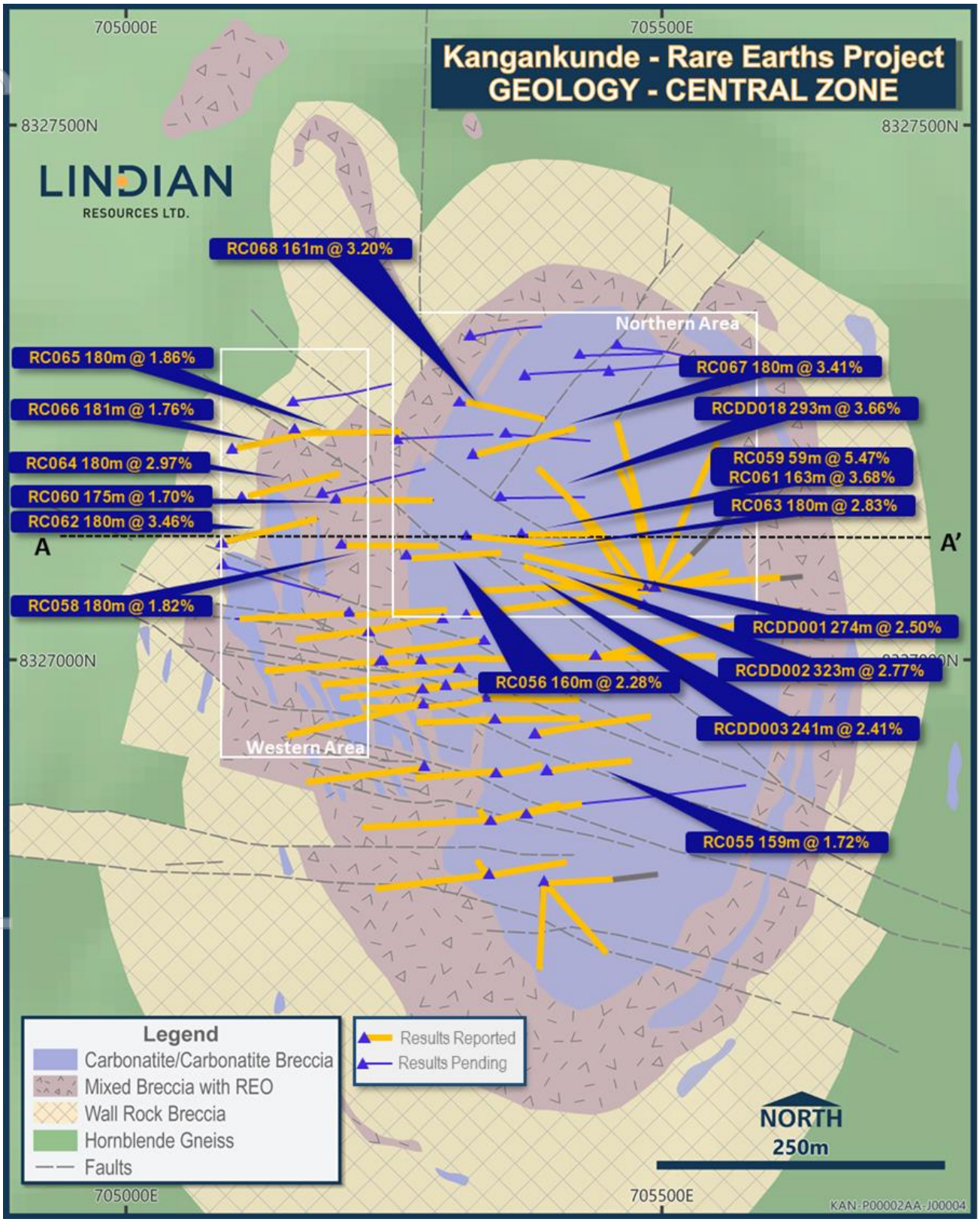


Figure 2: Kangankunde central carbonatite geology plan and drilling locations.

PHASE 1 PROGRAM STATUS

The Phase 1 program has been completed with 82 RC holes for 12,670 metres and 10 core drill holes, including 6 core tails to RC holes for 1,642.7 metres.

The status of the drill hole sampling and assay is as follows:

Table 3: Completed drill hole sampling and assay status at 28th May 2023

Hole Number	Reported	ALS Geochemistry (Australia)	ALS Geochemistry (South Africa)	In transit (Malawi to South Africa)	At Kangankunde Site
KGKRC001	✓				
KGKRC002	✓				
KGKRC003	✓				
KGKRC004	✓				
KGKRC005	✓				
KGKRC006	✓				
KGKRC007	✓				
KGKRC008	✓				
KGKRC009	✓				
KGKRC010	✓				
KGKRC011	✓				
KGKRC012	✓				
KGKRC013	✓				
KGKRC014	✓				
KGKRC015	✓				
KGKRC016	✓				
KGKRC017	✓				
KGKRC018	✓				
KGKRC019	✓				
KGKRC020	✓				
KGKRC021	✓				
KGKRC022	✓				
KGKRC023	✓				
KGKRC024	✓				
KGKRC025	✓				
KGKRC026	✓				
KGKRC027	✓				
KGKRC028	✓				
KGKRC029	✓				
KGKRC030	✓				
KGKRC031	✓				
KGKRC032	✓				
KGKRC033	✓				
KGKRC034	✓				
KGKRC035	✓				
KGKRC036	✓				
KGKRC037	✓				
KGKRC038	✓				
KGKRC039	✓				
KGKRC040	✓				
KGKRC041	✓				
KGKRC042	✓				

Hole Number	Reported	ALS Geochemistry (Australia)	ALS Geochemistry (South Africa)	In transit (Malawi to South Africa)	At Kangankunde Site
KGKRC043	✓				
KGKRC044	✓				
KGKRC045	✓				
KGKRC046	✓				
KGKRC047	✓				
KGKRC048	✓				
KGKRC049	✓				
KGKRC050	✓				
KGKRC051	✓				
KGKRC052	✓				
KGKRC053	✓				
KGKRC054	✓				
KGKRC055	✓				
KGKRC056	✓				
KGKRC057	✓				
KGKRC058	✓				
KGKRC059	✓				
KGKRC060	✓				
KGKRC061	✓				
KGKRC062	✓				
KGKRC063	✓				
KGKRC064	✓				
KGKRC065	✓				
KGKRC066	✓				
KGKRC067	✓				
KGKRC068	✓				
KGKRC069		✓			
KGKRC070		✓			
KGKRC071		✓			
KGKRC072		✓			
KGKRC073				✓	
KGKRC074				✓	
KGKRC075				✓	
KGKRC076				✓	
KGKRC077				✓	
KGKRC078				✓	
KGKRC079				✓	
KGKRC080				✓	
KGKRC081				✓	
KGKRC082				✓	
KGK DD001	✓				
KGK DD002	✓				
KGKDD003	✓				
KGKDD004	✓				
KGKRCDD001	✓				
KGKRCDD002	✓				
KGKRCDD003	✓				
KGKRCDD009	✓				

Hole Number	Reported	ALS Geochemistry (Australia)	ALS Geochemistry (South Africa)	In transit (Malawi to South Africa)	At Kangankunde Site
KGKRCDD018	✓				
KGKRCDD029		✓			

Table 4: Completed drill hole sampling and assay status at 28th May 2023 (Phase Two)

Hole Number	Reported	ALS Geochemistry (Australia)	ALS Geochemistry (South Africa)	In transit (Malawi to South Africa)	At Kangankunde Site
KGKRC083 (pre-collar)				✓	
KGKRCDD074				✓	✓
KGKDD009					In progress

PREVIOUSLY REPORTED DRILL RESULTS

Table 5 below summarises earlier announced drill results and the related ASX release date.

Table 5: Previously announced drilling results;

Hole ID	From (m)	To (m)	Intersection (m)	TREO %	NdPrO% of TREO**	ASX release Date*
KGKDD001	0.0	316.2	316.2	2.22	20	17th April 2023
KGKDD002	0	31.62	31.62	2.26	17	9th March 2023
and	62.17	188.17	126	2.82	17	9th March 2023
KGKDD003	0.0	141.9	141.9	2.08	21	17th April 2023
KGKDD004	0.0	245.4	245.4	2.78	20	17th April 2023
KGKRCDD009	0.0	317.2	317.2	2.70	20	17th April 2023
KGKRC001	0	110	110	2.9	21	5th January 2023
KGKRC002	0	250	250	2.9	21	5th January 2023
KGKRC003	0	184	184	2.5	21	16th January 2023
KGKRC004	0	97	97	2.8	20	16th January 2023
KGKRC005	0	117	117	2.8	16	24th January 2023
KGKRC006	0	300	300	2.3	20	16th January 2023
KGKRC007	0	186	186	3.0	17	24th January 2023
KGKRC008	0	272	272	2.1	19	16th January 2023
KGKRC010	0	138	138	1.5	22	24th January 2023
KGKRC011	0	32	32	2.7	17	24th January 2023
KGKRC012	0	210	210	1.9	20	6th February 2023
KGKRC013	0	162	162	2.2	22	6th February 2023
KGKRC014	0	179	179	2.2	23	6th February 2023
KGKRC015	0	160	160	2.04	19	9th March 2023
KGKRC016	0.0	171.0	171.0	1.71	20	17th April 2023
KGKRC017	0.0	163.0	163.0	1.41	22	17th April 2023
KGKRC018	4.0	178.0	174.0	3.55	20	17th April 2023
KGKRC019	0	56	56	1.78	19	9th March 2023
KGKRC020	0	167	167	2.85	18	9th March 2023
KGKRC021	0	89	89	1.26	19	9th March 2023
KGKRC022	0	146	146	1.34	18	9th March 2023
KGKRC023	0	28	28	2.87	20	9th March 2023
KGKRC024	0	169	169	1.50	20	9th March 2023
KGKRC0025	0	109	109	1.56	20	9th March 2023
KGKRC027	0	79	79	2.63	22	9th March 2023
and	110	170	60	2.45	22	9th March 2023
KGKRC0028	0	169	169	1.74	22	9th March 2023
KGKRC029	0	58	58	1.18	24	9th March 2023
and	58	84	26	6.15	20	9th March 2023
KGKRC030	0	188	188	1.61	21	9th March 2023

Hole ID	From (m)	To (m)	Intersection (m)	TREO %	NdPrO% of TREO**	ASX release Date*
KGKRC031	0	175	175	2.31	21	9th March 2023
KGKRC032	2.0	63.0	61.0	1.90	20	17th April 2023
KGKRC033	0.0	169.0	169.0	2.05	22	17th April 2023
KGKRC034	1.0	23.0	22.0	2.87	20	17th April 2023
and	35.0	181.0	146.0	1.78	22	17th April 2023
KGKRC035	0.0	147.0	147.0	1.28	24	17th April 2023
KGKRC036	0.0	100	100	3.39	20	11th May 2023
KGKRC037	0.0	160.0	160.0	3.04	20	17th April 2023
KGKRC038	0.0	181.0	181.0	1.76	19	17th April 2023
KGKRC039	0.0	150.0	150.0	3.02	23	17th April 2023
KGKRC040	0.0	167.0	167.0	2.68	17	17th April 2023
KGKRC041	0	181	181	2.16	19	11th May 2023
KGKRC042	0	151	151	2.40	22	11th May 2023
KGKRC043	0	181	181	1.91	19	11th May 2023
KGKRC044	0	155	155	1.78	19	11th May 2023
KGKRC045	0	150	150	1.71	18	11th May 2023
KGKRC046	0	150	150	2.39	18	11th May 2023
KGKRC047	0	145	145	1.84	22	11th May 2023
KGKRC048	0	143	143	1.80	21	11th May 2023
KGKRC049	0	151	151	1.94	20	11th May 2023
KGKRC050	0	150	150	2.63	18	11th May 2023
KGKRC051	0	154	154	2.68	17	11th May 2023
KGKRC052	0	151	151	2.06	19	11th May 2023
KGKRC053	0	148	148	2.60	20	11th May 2023
KGKRC054	0	81	81	3.35	16	11th May 2023
KGKRC057	0	109	109	1.85	18	11th May 2023

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

*** NdPrO% / TREO% x 100*

PROGRAM SUMMARY

The Company commenced Phase 1 drilling at Kangankunde in late October 2023 with the intention to undertake a drill program that will culminate in a mineral resources estimate and a subsequent Explortation Target below a mineral resource supported from Phase 2 drilling.

PHASE 1 DRILL PROGRAM (MINE DEFINITION)

The Phase 1 program has been completed with 12,670 metres of RC drilling completed and 1,643 metres of core drilling.

PHASE 2 DRILL PROGRAM (DEPTH EXTENSION)

Drilling is continuing on the Phase 2 program with two 1,000 metre drillholes designed to test the E-W and N-S axies of the carbonatite between 300 metres and 800 metres below the hill top, approximately 500 metres below the current deepest drilling.

The first drill hole (KGKRCDD074) from the western side of the Central Carbonatite was completed at a depth of 980.5 metres. This hole is currently being cut and sampled with assay results expected progressively from July.

The second drill hole (KGKDD009) being drilled from the northern end of the Central Carbonatite has commenced and is currently at a depth of about 200 metres.

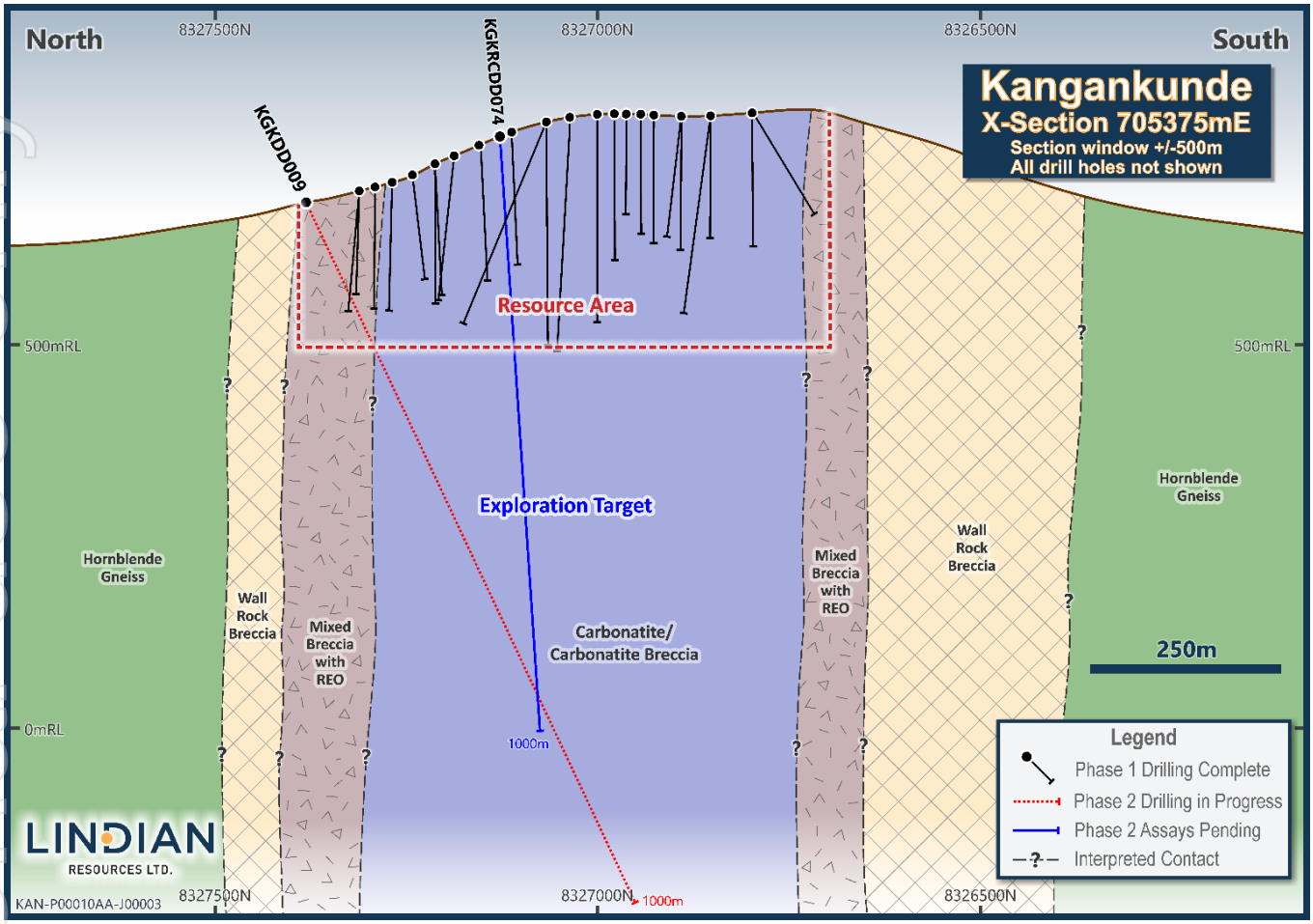


Figure 3: Cross section looking east showing Phase 2 depth extension drillholes KGKRCDD074 (complete) and KGKDD009 in progress with Phase 1 drilling resource area. Window view is ±500m and not all drill holes in Phase 1 drilling are shown.

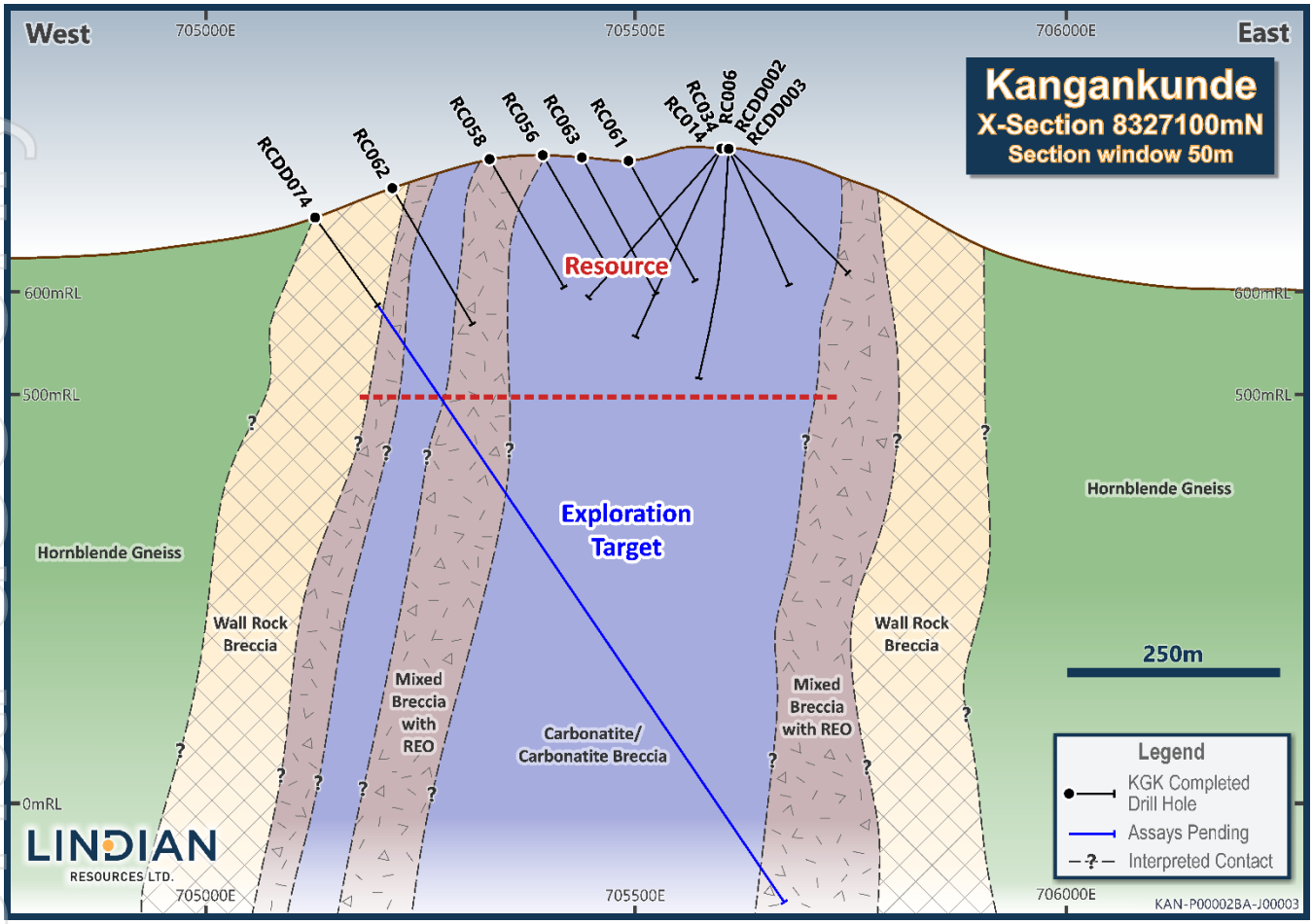


Figure 4: A West to East section looking north of the drilling program. RCDD074 deep drill hole finished at 980.5M with assays pending.

METALLURGICAL TEST WORK

The Company is currently undertaking a second phase of metallurgical testwork on one tonne of sample in Perth Australia with test work results anticipted in the near term.

MINERAL RESOURCE ESTIMATION

The Company expects to deliver its maiden Mineral Resource Estimate later this quarter incorporating the drilling results from the drill programs and metallurgical work programs currently in progress.

-ENDS-

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

For further information, please contact:

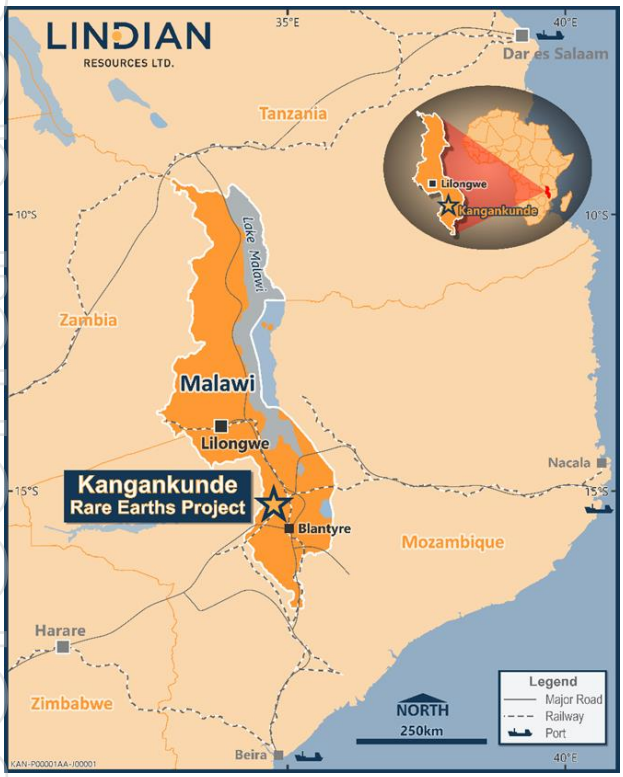
Asimwe Kabunga (Executive Chairman)
Phone: +61 8 6557 8838
Email: info@lindianresources.com.au

Alistair Stephens (CEO)
Phone: +61 488 992 544
Email: info@lindianresources.com.au

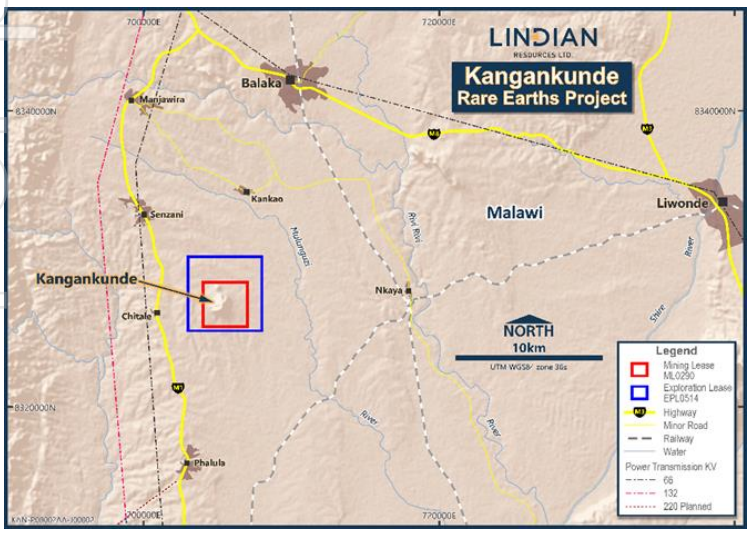
About Lindian

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.

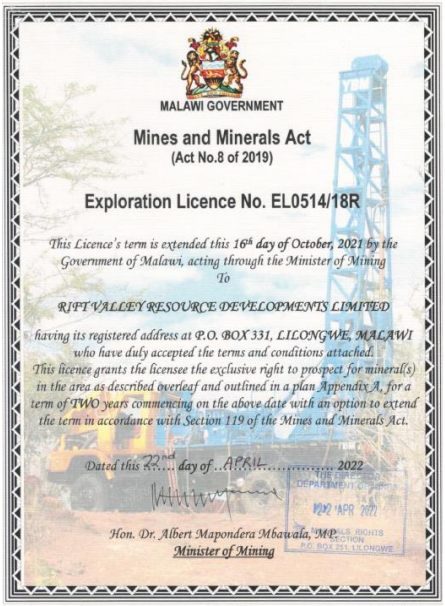


Kangankunde is located 90 kilometres north of the city of Blantyre, the main economic and commercial centre in Malawi. The town of Balaka, 15 kilometres to the north of Kangankunde, a regional trade centre, has a population of about 36,000 people. The project is located close to the main M1 highway, rail lines to ports and high voltage transmission lines.

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


MALAWI GOVERNMENT

Mines and Minerals Act
(Act No.8 of 2019)

Exploration Licence No. EL0514/18R

This Licence's term is extended this 16th day of October, 2021 by the Government of Malawi, acting through the Minister of Mining
To
RIFT VALLEY RESOURCE DEVELOPMENTS LIMITED
having its registered address at P.O. BOX 331, LILONGWE, MALAWI who have duly accepted the terms and conditions attached.
This licence grants the licensee the exclusive right to prospect for mineral(s) in the area as described overleaf and outlined in a plan Appendix A, for a term of TWO years commencing on the above date with an option to extend the term in accordance with Section 119 of the Mines and Minerals Act.

Dated this 22nd day of APRIL 2022

Hon. Dr. Albert Mapondera Mbawala, MP.
Minister of Mining


MALAWI GOVERNMENT

Mines and Minerals Act
(Act No.8 of 2019)

Medium-Scale Mining Licence No. MML0290/22

This Licence is granted this 22nd day of APRIL 2022 by the Government of Malawi, acting through the Minister of Mining
To
RIFT VALLEY RESOURCE DEVELOPMENTS LIMITED
having its registered address at P.O. BOX 331, LILONGWE, MALAWI, who have duly accepted the terms and conditions attached.
This licence confers the licensee the exclusive right to prospect for and mine mineral(s) in the area as described overleaf and outlined in a plan Appendix A, for a term of TEN years commencing on the above date with an option to extend the term in accordance with Section 154 of the Mines and Minerals Act.

Dated this 22nd day of APRIL, 2022

Hon. Dr. Albert Mapondera Mbawala, MP.
Minister of Mining

THE DIRECTOR DEPARTMENT OF MINES
APR 2022
MINERALS RIGHTS SECTION


MALAWI GOVERNMENT

MEPA No: 2 ESIA CERTIFICATE No: 2.10.16

ENVIRONMENT MANAGEMENT ACT
(No. 19 OF 2017)

CERTIFICATE OF APPROVAL OF A PROJECT

IN TERMS of Section 31 (2) of the Environment Management Act, I TAWONGA MBALE- LUKA, Acting Director General of Malawi Environment Protection Authority (MEPA), hereby certify that KANGANKUDE MONAZITE MINE has been approved by the MEPA Board under the Environment Management Act.

Dated this 27th day of SEPTEMBER 2021

ACTING DIRECTOR GENERAL, MEPA

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 drilling, sampling, and assay 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 the 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 conforms 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	Drill Type	UTM East (m.)	UTM North (m.)	Elevation (m.a.s.l.)	Hole Length EOH (m.)	Azimuth TN (Ave.)	Inclination (Ave.)
KGKRC055	RC	705395	8326899	784	159	082	-61
KGKRC056	RC	705265	8327090	776	160	089	-59
KGKRC058	RC	705199	8327106	777	180	090	-60
KGKRC059	RC	705366	8327118	759	49	090	-60
KGKRC060	RC	705201	8327145	755	175	089	-58
KGKRC061	RC	705367	8327118	759	163	090	-61
KGKRC062	RC	705090	8327106	725	180	076	-59
KGKRC063	RC	705319	8327112	762	180	094	-65
KGKRC064	RC	705102	8327149	725	180	077	-57
KGKRC065	RC	705162	8327214	724	180	092	-55
KGKRC066	RC	705098	8327195	712	181	078	-61
KGKRC067	RC	705326	8327189	731	180	077	-58
KGKRC068	RC	705313	8327240	718	161	100	-58
KGKRCDD001	RC/DD	705486	8327068	788	273.81	281	-64
KGKRCDD002	RC/DD	705486	8327065	788	323.21	270	-65
KGKRCDD003	RC/DD	705485	8327065	788	240.97	269	-48
KGKRCDD018	RC/DD	705479	8327069	788	297.41	318	-61

Appendix 2: Analytical Results This Release

Note: NS= No sample
-ve value = Below detection limit

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 %	Th ppm	U ppm
KGKRC055	0	1	14191	26533	2634	8211	616	107.8	176.9	12.4	37.4	4.0	6.6	0.6	3.3	0.5	91.4	5.26	111.0	7.3
	1	2	10321	21681	2320	7593	626	109.0	186.1	12.7	38.8	4.2	6.6	0.7	4.2	0.6	99.1	4.30	121.0	8.1
	2	3	10872	21988	2314	7640	639	111.4	187.3	12.1	36.4	3.9	6.4	0.7	3.4	0.5	91.4	4.39	120.5	7.7
	3	4	5993	12407	1293	4257	326	55.6	86.7	5.6	16.8	1.9	3.2	0.3	1.6	0.2	41.9	2.45	58.5	5.6
	4	5	5923	12530	1323	4386	332	53.6	87.1	5.5	15.6	1.7	2.5	0.2	1.1	0.2	35.6	2.47	54.1	5.2
	5	6	6075	12087	1238	3966	277	45.0	73.3	4.9	15.8	1.7	3.1	0.3	1.6	0.2	43.2	2.38	44.3	6.2
	6	7	6474	13144	1359	4467	354	57.9	91.6	5.6	16.0	1.6	2.6	0.3	1.1	0.2	36.8	2.60	64.2	3.3
	7	8	6474	13082	1341	4432	349	60.7	94.5	5.8	17.0	1.7	2.9	0.2	1.0	0.2	40.6	2.59	62.2	3.0
	8	9	4210	8513	875	2823	201	32.1	49.9	3.1	9.3	1.0	2.1	0.2	1.3	0.2	24.1	1.67	29.4	5.2
	9	10	4539	9188	935	3044	223	37.6	59.8	4.0	11.9	1.4	2.5	0.3	1.3	0.2	34.3	1.81	33.2	8.7
	10	11	4187	8881	950	3254	289	51.0	82.2	5.1	14.5	1.6	2.7	0.2	1.4	0.2	35.6	1.78	52.2	6.5
	11	12	6157	12001	1180	3709	249	39.7	63.4	4.3	14.2	1.4	2.4	0.2	0.9	0.1	33.0	2.35	38.9	1.7
	12	13	5618	11584	1202	3907	285	45.9	72.5	4.8	14.1	1.5	2.5	0.2	1.0	0.2	33.0	2.28	48.6	3.8
	13	14	5418	10417	1031	3208	221	36.1	58.3	4.0	12.5	1.5	2.4	0.2	1.3	0.1	31.8	2.04	38.3	6.0
	14	15	8221	17320	1867	6077	463	75.4	120.5	7.3	21.1	2.1	3.2	0.3	1.1	0.2	45.7	3.42	71.6	5.5
	15	16	6192	14188	1649	6135	597	104.6	168.3	9.9	23.9	2.2	3.2	0.3	1.3	0.2	48.3	2.91	139.5	6.2
	16	17	7541	15048	1504	4712	328	53.7	84.4	5.4	16.2	1.8	2.7	0.2	1.5	0.2	39.4	2.93	53.7	6.0
	17	18	4011	7886	794	2531	196	29.9	49.5	3.4	11.5	1.3	2.4	0.2	1.0	0.2	27.9	1.55	32.7	6.7
	18	19	7600	14618	1395	4082	260	38.7	62.2	4.0	13.3	1.5	2.4	0.2	1.0	0.2	35.6	2.81	34.7	4.0
	19	20	7201	13881	1383	4421	363	59.6	101.0	6.8	19.1	1.9	2.6	0.2	0.9	0.1	40.6	2.75	74.9	4.3
	20	21	6556	12591	1244	3896	298	45.9	76.2	5.2	15.6	1.7	2.6	0.2	1.1	0.1	40.6	2.48	48.1	4.6
	21	22	4633	9287	956	3126	274	43.4	73.3	4.9	15.6	1.8	2.7	0.2	1.1	0.2	38.1	1.85	49.0	3.2
	22	23	9230	16829	1565	4561	313	47.6	79.9	5.6	18.8	2.0	3.1	0.3	1.1	0.2	43.2	3.27	61.8	4.4
	23	24	14250	25305	2398	6765	463	75.0	136.0	9.6	32.3	3.4	5.4	0.5	1.7	0.3	81.3	4.95	93.4	7.8
	24	25	8303	15662	1498	4491	305	47.0	80.6	5.8	19.5	2.1	3.4	0.3	1.3	0.2	49.5	3.05	51.8	5.1
	25	26	5102	9741	950	2893	215	31.8	54.6	3.5	10.8	1.2	1.9	0.2	1.1	0.1	26.7	1.90	31.7	4.9
	26	27	3425	7260	752	2484	209	36.6	61.8	4.0	11.5	1.1	2.2	0.2	1.1	0.2	26.7	1.43	37.5	5.3
	27	28	6028	11756	1168	3616	279	43.9	74.9	5.3	18.1	1.8	3.0	0.3	1.1	0.2	43.2	2.30	49.9	3.7
	28	29	9347	19409	2060	6380	514	79.9	132.0	8.1	24.2	2.5	3.8	0.3	1.5	0.2	54.6	3.80	81.6	4.8
	29	30	14777	28376	2755	8410	573	101.7	166.6	11.4	34.3	3.4	5.4	0.4	1.9	0.2	77.5	5.53	102.0	7.1
	30	31	11904	22848	2265	6532	407	64.6	102.1	6.9	22.2	2.2	3.5	0.3	1.3	0.2	53.3	4.42	60.0	5.2
	31	32	5266	10220	993	3056	205	32.8	53.3	3.5	12.2	1.5	2.3	0.2	1.0	0.2	34.3	1.99	30.7	6.7
	32	33	5278	10613	1075	3371	249	38.8	64.0	4.3	13.4	1.6	2.6	0.3	1.4	0.1	36.8	2.07	41.7	6.5
	33	34	2838	7137	832	2974	296	48.3	83.0	5.4	17.0	2.0	3.8	0.5	2.4	0.3	53.3	1.43	60.1	2.8
	34	35	4949	10503	1122	3744	325	51.9	89.0	5.7	18.5	1.9	3.1	0.2	1.3	0.2	44.5	2.09	54.7	4.4
	35	36	2791	6019	644	2158	187	28.6	48.1	3.0	9.8	1.0	1.7	0.2	1.1	0.2	22.9	1.19	28.9	4.1
	36	37	4703	11129	1257	4374	382	56.6	92.2	5.2	14.9	1.5	2.3	0.2	0.9	0.2	31.8	2.21	52.7	3.1
	37	38	10626	22357	2332	7197	524	77.0	123.3	7.2	20.4	2.1	3.5	0.3	1.7	0.2	47.0	4.33	60.9	3.8
	38	39	7013	14495	1468	4642	328	46.0	74.0	4.2	12.2	1.5	2.6	0.2	1.4	0.2	30.5	2.81	34.7	4.0

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 %	Th ppm	U ppm
	39	40	5231	12530	1504	4899	356	54.2	87.1	4.7	13.1	1.4	2.5	0.2	1.1	0.2	29.2	2.47	38.1	2.5
	40	41	4926	10540	1104	3593	270	39.3	60.7	3.5	9.6	1.1	2.1	0.2	1.0	0.2	24.1	2.06	30.1	5.4
	41	42	9723	18917	1915	5867	452	67.7	107.8	6.8	18.8	2.0	3.1	0.3	1.3	0.2	41.9	3.71	58.4	4.1
	42	43	5583	12468	1329	4327	327	47.2	75.5	4.4	12.4	1.4	2.4	0.3	1.3	0.1	34.3	2.42	39.8	7.0
	43	44	5747	13205	1444	4759	358	50.4	77.0	4.0	11.9	1.4	2.2	0.2	1.0	0.2	29.2	2.57	38.2	6.3
	44	45	6638	14188	1468	4689	341	50.1	77.0	4.4	12.6	1.4	2.3	0.2	0.9	0.2	31.8	2.75	38.3	4.9
	45	46	5196	10994	1135	3616	261	37.8	58.0	3.5	10.0	1.1	1.9	0.2	1.3	0.2	25.4	2.13	28.0	5.3
	46	47	14132	28130	2876	8608	631	92.2	145.8	9.0	25.7	2.6	3.9	0.4	1.6	0.2	55.9	5.47	81.9	5.3
	47	48	14719	27762	2888	8515	602	94.5	151.6	9.4	25.7	2.5	3.9	0.4	1.5	0.2	52.1	5.48	89.1	3.5
	48	49	13839	26288	2658	7838	538	84.5	133.7	8.3	23.1	2.3	3.7	0.3	1.4	0.2	49.5	5.15	84.4	4.6
	49	50	10145	20084	2139	6579	479	75.5	117.6	7.4	20.2	2.1	3.4	0.3	1.5	0.2	49.5	3.97	68.7	5.7
	50	51	17475	35992	3951	13239	1026	166.2	261.6	15.2	39.5	3.9	6.2	0.5	1.9	0.2	82.5	7.23	153.0	9.1
	51	52	11963	25059	2791	9238	765	121.0	189.6	10.9	27.8	2.8	4.0	0.3	1.6	0.2	55.9	5.02	107.5	7.0
	52	53	4820	9987	1077	3441	247	38.8	57.4	3.5	10.0	1.1	2.1	0.2	1.3	0.1	25.4	1.97	26.3	7.6
	53	54	5383	11449	1244	4012	292	45.5	71.7	4.3	11.3	1.1	2.1	0.2	0.7	0.1	24.1	2.25	33.4	4.8
	54	55	6814	14557	1571	5086	378	57.2	91.2	5.3	14.9	1.6	2.3	0.2	1.0	0.2	33.0	2.86	44.1	5.8
	55	56	7178	15048	1619	5237	404	65.5	106.0	6.8	18.5	2.1	3.2	0.2	1.4	0.2	39.4	2.97	65.6	10.3
	56	57	4867	9324	947	2939	220	37.4	67.7	5.1	17.9	2.3	4.4	0.5	2.7	0.4	54.6	1.85	35.5	17.5
	57	58	2181	4471	476	1575	150	29.4	60.4	5.8	23.1	3.4	7.3	0.7	4.6	0.6	87.6	0.91	30.2	33.3
	58	59	4093	8046	837	2671	210	34.7	64.9	4.7	16.3	2.1	4.4	0.5	2.7	0.4	52.1	1.60	32.9	14.2
	59	60	6650	13451	1426	4537	315	47.8	76.1	4.5	13.0	1.5	2.9	0.3	1.6	0.3	34.3	2.66	36.6	8.8
	60	61	2187	4582	487	1580	139	26.4	52.8	4.9	18.6	2.6	5.6	0.6	3.3	0.4	69.8	0.92	29.5	17.0
	61	62	3342	6437	663	2140	168	30.7	56.4	4.8	16.8	2.3	4.9	0.6	3.1	0.3	61.0	1.29	27.4	14.0
	62	63	4808	9496	981	3103	235	39.5	69.9	5.0	15.7	1.9	3.8	0.4	2.2	0.3	44.5	1.88	39.7	8.2
	63	64	5266	10429	1080	3418	267	46.2	82.9	6.0	19.1	2.4	4.4	0.5	2.7	0.3	57.2	2.07	48.3	8.7
	64	65	5301	9901	996	3091	238	39.1	71.2	5.2	18.7	2.3	4.5	0.5	2.9	0.3	59.7	1.97	37.9	10.8
	65	66	2991	5552	559	1796	162	30.8	62.5	6.0	24.2	3.6	8.0	0.8	4.9	0.6	96.5	1.13	34.4	12.3
	66	67	3460	6511	652	2053	165	30.9	59.9	5.5	21.6	3.0	6.5	0.7	4.1	0.5	80.0	1.31	30.3	12.6
	67	68	2305	4717	505	1662	147	28.5	60.4	5.4	21.5	3.1	7.0	0.7	4.1	0.5	77.5	0.95	33.0	16.5
	68	69	5676	11498	1214	3861	286	46.1	79.8	5.6	17.2	2.3	3.9	0.4	1.8	0.3	48.3	2.27	41.6	12.3
	69	70	2756	5687	609	2035	181	32.4	64.0	5.4	20.1	2.8	6.0	0.6	3.3	0.4	69.8	1.15	30.7	18.4
	70	71	5336	10269	1049	3266	239	38.6	65.1	4.8	14.7	1.8	3.7	0.3	1.8	0.2	43.2	2.03	29.2	11.1
	71	72	6579	12591	1269	3931	270	43.4	73.4	4.9	15.8	1.7	3.3	0.4	1.7	0.2	40.6	2.48	36.6	10.6
	72	73	4386	8365	870	2741	204	34.0	56.8	3.9	13.1	1.5	3.0	0.3	1.7	0.2	38.1	1.67	30.5	9.5
	73	74	6708	13144	1359	4199	285	43.0	67.5	4.5	12.6	1.4	2.3	0.2	1.1	0.2	30.5	2.59	30.1	5.6
	74	75	3765	7739	818	2636	191	30.1	49.1	3.2	9.3	1.1	2.1	0.2	1.3	0.2	21.6	1.53	22.5	2.0
	75	76	3366	7198	785	2566	197	30.8	48.9	2.9	8.5	0.9	1.8	0.2	0.9	0.2	20.3	1.42	21.0	3.8
	76	77	1525	3255	352	1190	122	25.2	53.4	5.9	25.1	3.9	9.2	1.1	6.2	0.8	114.3	0.67	32.9	7.3
	77	78	1472	3452	369	1330	145	27.3	60.3	6.1	24.3	3.6	8.2	0.9	5.5	0.6	104.1	0.70	36.4	8.6
	78	79	3905	9102	1023	3697	344	54.2	94.1	5.8	16.8	1.9	3.7	0.4	2.1	0.3	44.5	1.83	49.9	12.3
	79	80	3202	7174	774	2706	216	33.0	56.4	3.9	12.9	1.5	3.3	0.3	2.1	0.3	35.6	1.42	31.1	17.5
	80	81	4773	10577	1144	3872	282	39.7	64.8	3.8	11.7	1.2	2.3	0.2	1.3	0.2	27.9	2.08	32.5	3.7
	81	82	3084	6879	737	2566	217	35.6	64.1	5.2	19.2	2.4	4.8	0.5	3.2	0.3	59.7	1.37	43.3	11.7
	82	83	5864	12530	1335	4561	350	49.7	80.3	4.9	13.7	1.4	2.3	0.2	1.3	0.2	30.5	2.48	47.6	4.0
	83	84	2756	6314	686	2391	179	26.4	41.8	2.6	7.7	0.9	1.9	0.2	1.3	0.2	20.3	1.24	19.4	3.9

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 %	Th ppm	U ppm
	84	85	3167	7653	859	2974	215	30.9	47.8	2.9	9.0	0.9	1.8	0.2	1.0	0.2	21.6	1.50	22.2	5.7
	85	86	4797	11350	1250	4432	335	47.6	76.8	4.6	12.7	1.3	2.4	0.2	1.4	0.2	30.5	2.23	37.0	9.3
	86	87	10215	19286	1945	5727	437	72.1	130.8	9.4	26.4	2.6	4.9	0.4	2.1	0.2	57.2	3.79	88.2	11.4
	87	88	2486	5896	642	2304	191	27.7	44.8	2.7	9.1	1.0	2.1	0.2	1.1	0.2	24.1	1.16	21.5	7.5
	88	89	1783	4127	454	1639	164	28.1	54.4	4.3	15.0	2.0	4.6	0.5	3.3	0.4	54.6	0.83	32.3	8.3
	89	90	1777	4177	464	1709	173	31.0	65.2	5.9	24.3	3.5	7.7	0.9	4.7	0.6	92.7	0.85	37.4	9.9
	90	91	1343	3268	355	1324	151	30.5	70.1	7.4	31.1	4.6	11.0	1.1	7.1	0.8	128.3	0.67	39.3	11.5
	91	92	1865	4607	515	1849	166	27.8	52.6	4.3	14.9	1.9	4.1	0.4	2.7	0.3	49.5	0.92	30.1	8.5
	92	93	1249	2997	321	1172	144	30.6	72.0	7.9	34.3	5.0	11.0	1.3	7.1	0.9	143.5	0.62	41.5	12.2
	93	94	1190	2776	292	1074	141	31.5	79.2	8.9	40.2	5.7	13.2	1.4	8.1	0.9	163.8	0.58	48.8	13.0
	94	95	1800	4189	464	1685	181	34.3	74.7	7.3	29.7	4.2	9.7	1.0	5.4	0.7	115.6	0.86	42.9	11.2
	95	96	2533	6339	712	2578	232	36.5	64.9	4.5	14.0	1.7	3.3	0.4	2.2	0.3	43.2	1.26	31.6	6.4
	96	97	975	2531	289	1096	130	24.9	55.1	5.4	23.0	3.3	7.1	0.8	4.9	0.6	92.7	0.52	33.3	7.7
	97	98	1343	3759	439	1633	156	26.5	53.5	4.5	17.5	2.3	5.5	0.6	3.9	0.5	66.0	0.75	28.2	8.8
	98	99	1156	2936	324	1178	120	22.7	48.0	4.7	20.3	2.9	6.5	0.7	3.9	0.5	80.0	0.59	25.1	12.4
	99	100	868	2223	243	907	105	21.3	47.0	4.7	19.9	2.7	6.3	0.7	4.1	0.5	77.5	0.45	23.9	11.9
	100	101	1051	2727	308	1161	124	22.2	48.1	4.6	20.0	2.7	6.2	0.7	4.0	0.6	77.5	0.56	32.0	11.4
	101	102	864	2064	225	855	114	26.3	65.0	7.3	31.1	4.8	10.6	1.1	6.4	0.7	133.3	0.44	38.9	11.7
	102	103	1753	4484	523	1977	208	38.1	77.0	6.9	28.1	4.0	9.2	1.0	6.2	0.9	113.0	0.92	34.3	12.5
	103	104	1151	2874	324	1231	148	30.8	73.3	8.1	34.9	5.1	11.9	1.5	8.4	1.2	146.0	0.60	43.7	8.5
	104	105	1583	4115	459	1668	157	27.4	53.6	4.8	17.9	2.4	5.5	0.6	3.6	0.5	63.5	0.82	36.0	8.9
	105	106	1882	4889	573	2175	204	35.2	64.1	4.6	15.4	1.7	3.0	0.3	1.8	0.2	41.9	0.99	41.2	6.2
	106	107	1196	3157	361	1394	162	33.1	74.8	7.5	30.9	4.3	10.3	1.1	6.6	0.7	120.6	0.66	45.6	10.8
	107	108	1601	4164	475	1767	174	32.7	66.3	5.8	20.8	3.1	6.1	0.7	3.5	0.5	69.8	0.84	38.1	9.3
	108	109	1425	3771	422	1586	168	34.6	78.3	8.0	35.0	4.8	10.6	1.1	6.5	0.8	124.5	0.77	46.5	14.2
	109	110	1044	2555	275	1043	135	30.7	76.1	8.3	35.5	4.9	11.6	1.3	7.0	0.8	133.3	0.54	48.6	10.1
	110	111	965	2359	253	938	116	26.1	64.3	7.1	31.5	4.5	10.8	1.3	6.4	0.9	121.9	0.49	37.2	10.7
	111	112	972	2309	249	932	116	25.7	65.8	7.1	30.4	4.3	9.7	1.0	5.9	0.7	120.6	0.48	38.6	8.6
	112	113	921	2125	219	816	103	24.1	62.5	7.2	32.1	4.5	10.8	1.1	6.3	0.8	120.6	0.45	38.7	8.9
	113	114	1054	2702	297	1102	129	28.0	64.8	6.6	26.9	3.9	8.9	0.9	4.7	0.6	101.6	0.55	38.2	8.3
	114	115	1007	2340	248	918	116	26.6	65.4	6.8	31.2	4.4	10.0	1.1	5.6	0.7	115.6	0.49	38.2	11.9
	115	116	1043	2494	272	1028	130	30.3	75.7	8.3	36.2	5.0	11.7	1.2	6.8	0.8	132.1	0.53	48.2	9.8
	116	117	999	2383	255	956	123	30.2	75.0	8.5	37.4	5.4	12.1	1.2	6.7	0.7	137.2	0.50	43.3	8.0
	117	118	916	2101	221	827	114	27.4	72.0	8.1	36.2	5.3	12.0	1.2	6.5	0.8	141.0	0.45	37.5	10.4
	118	119	1080	2653	288	1092	139	30.6	72.5	8.1	34.6	5.0	11.6	1.2	7.1	0.9	132.1	0.56	38.2	12.9
	119	120	6415	15171	1758	5727	470	77.2	138.3	9.1	26.9	2.7	5.3	0.5	2.7	0.3	62.2	2.99	103.0	7.7
	120	121	5336	13021	1450	5121	412	66.5	112.5	7.2	19.3	1.8	3.5	0.3	1.5	0.2	39.4	2.56	77.5	6.0
	121	122	2604	6326	712	2566	242	45.6	95.4	8.4	33.2	4.4	9.6	1.0	6.0	0.7	113.0	1.28	53.4	11.2
	122	123	1660	4103	453	1674	179	36.7	83.2	8.7	37.2	5.0	12.0	1.2	7.3	0.9	141.0	0.84	45.6	12.0
	123	124	1243	3022	333	1271	162	34.5	82.6	8.9	38.8	5.5	13.0	1.4	7.5	1.0	151.1	0.64	51.4	13.2
	124	125	1349	3440	383	1429	155	32.4	72.5	7.6	31.7	4.6	10.5	1.1	6.5	0.8	118.1	0.70	45.2	12.2
	125	126	1407	3783	435	1633	170	33.2	64.4	5.5	20.4	2.9	6.6	0.7	3.9	0.5	72.4	0.76	37.7	9.6
	126	127	1149	2580	275	1005	122	29.1	73.0	8.1	36.6	5.2	12.5	1.4	7.3	0.9	141.0	0.54	33.3	13.6
	127	128	1119	2616	278	1028	122	28.6	70.9	7.7	34.7	5.0	11.1	1.2	6.5	0.8	127.0	0.55	42.3	12.0
	128	129	1131	2702	285	1053	135	30.9	77.3	8.8	36.0	5.4	12.0	1.2	6.5	0.8	134.6	0.56	49.1	9.7

Hole ID	From m	To m	La_2O_3 ppm	CeO_2 ppm	Pr_2O_3 ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO %	Th ppm	U ppm
	129	130	950	2168	228	863	110	25.2	64.8	7.2	31.7	4.5	10.4	1.0	6.0	0.7	116.8	0.46	42.3	8.3
	130	131	943	2217	233	885	117	27.4	68.7	7.6	34.8	5.1	11.1	1.2	6.4	0.8	130.8	0.47	45.1	8.4
	131	132	1017	2383	251	951	125	28.7	73.5	8.0	35.1	5.3	12.0	1.2	6.7	0.8	134.6	0.50	42.8	9.2
	132	133	1019	2420	254	938	125	31.2	76.5	9.0	39.4	5.6	12.9	1.3	6.8	0.8	139.7	0.51	46.5	7.4
	133	134	814	1935	204	770	101	23.3	58.2	6.4	28.6	4.1	9.6	1.0	5.2	0.8	107.9	0.41	39.3	7.6
	134	135	835	1959	212	814	114	27.0	67.5	7.7	33.4	4.9	11.4	1.1	6.7	0.8	130.8	0.42	40.9	9.9
	135	136	996	2340	244	913	119	28.6	72.7	8.0	35.6	5.1	11.3	1.1	6.5	0.9	134.6	0.49	43.0	9.1
	136	137	1853	4373	523	1855	216	44.4	94.9	9.3	38.2	5.5	12.4	1.4	6.7	0.9	148.6	0.92	57.2	15.0
	137	138	1929	3931	424	1400	149	31.4	65.9	6.4	26.7	4.1	8.6	1.0	5.2	0.7	100.3	0.81	41.8	9.0
	138	139	1671	3673	414	1388	151	32.3	71.1	7.1	30.9	4.7	10.1	1.2	5.9	0.8	118.1	0.76	56.3	9.7
	139	140	2815	6805	797	2624	215	36.5	62.0	4.0	12.6	1.4	2.4	0.2	1.4	0.2	29.2	1.34	35.9	5.9
	140	141	969	2260	254	892	112	26.1	62.5	6.7	29.6	4.6	10.0	1.2	5.6	0.7	118.1	0.48	34.6	10.8
	141	142	855	1953	225	806	115	28.1	69.6	7.7	35.8	5.3	11.6	1.3	6.4	1.0	139.7	0.43	44.9	10.4
	142	143	5371	11178	1238	3721	302	52.7	95.7	7.1	25.4	3.1	5.6	0.6	3.1	0.4	69.8	2.21	62.5	13.3
	143	144	1037	2395	272	975	136	33.1	80.8	9.0	40.3	6.3	13.7	1.5	7.7	1.1	163.8	0.52	49.6	11.8
	144	145	2088	3906	404	1306	149	35.0	82.9	8.9	40.5	6.3	14.0	1.5	7.5	1.1	165.1	0.82	47.8	16.6
	145	146	1759	4078	472	1610	155	30.0	56.7	4.7	19.1	2.8	6.1	0.8	3.8	0.6	67.3	0.83	28.0	12.9
	146	147	3788	8316	923	2893	237	41.9	74.7	5.5	17.9	2.1	3.5	0.4	1.8	0.3	45.7	1.64	38.9	9.9
	147	148	1548	3415	373	1242	125	25.6	54.4	5.1	22.0	3.2	7.4	0.8	5.0	0.7	87.6	0.69	27.5	14.6
	148	149	1037	2445	274	963	121	28.6	68.0	7.1	32.1	4.8	10.5	1.1	5.5	0.8	120.6	0.51	37.4	13.2
	149	150	768	1972	244	935	142	32.3	72.0	7.0	29.7	4.3	9.2	1.0	4.9	0.7	111.8	0.43	44.5	7.6
	150	151	968	2285	257	898	118	29.1	71.5	7.7	34.9	5.4	11.3	1.3	6.4	0.9	137.2	0.48	44.3	8.7
	151	152	983	2266	255	898	120	29.6	71.1	7.8	35.5	5.2	11.6	1.3	6.7	0.9	139.7	0.48	44.8	10.8
	152	153	862	1978	224	780	109	26.6	64.7	7.1	31.9	5.1	10.2	1.2	5.9	0.9	125.7	0.42	41.5	11.6
	153	154	1012	2279	254	889	126	31.7	74.8	8.5	38.9	5.9	12.8	1.4	7.3	1.0	154.9	0.49	37.9	16.1
	154	155	983	2242	245	868	121	29.6	72.5	8.1	37.1	5.6	12.1	1.4	6.8	0.9	147.3	0.48	35.5	15.2
	155	156	858	2076	239	861	113	25.9	59.9	6.4	28.7	4.4	9.3	1.1	6.0	0.8	113.0	0.44	30.8	15.8
	156	157	1583	3255	360	1178	130	29.8	67.3	6.7	29.5	4.6	9.4	1.1	5.2	0.8	111.8	0.68	36.6	15.1
	157	158	849	1904	210	750	110	27.6	67.8	7.8	35.1	5.4	11.9	1.3	6.3	0.9	142.2	0.41	34.5	13.6
	158	159	1278	2887	329	1114	132	30.0	70.5	7.2	32.3	4.9	10.1	1.1	6.0	0.8	124.5	0.60	35.6	15.2
KGKRC056	0	1	5219	10343	1052	3114	211	33.4	52.8	3.1	8.2	0.9	1.5	0.1	0.6	0.1	16.5	2.01	25.1	3.7
	1	2	6427	12714	1299	3826	256	39.8	63.6	3.7	9.3	1.0	1.7	0.2	0.7	0.2	19.1	2.47	30.4	5.1
	2	3	9160	16645	1770	5225	334	52.1	82.8	5.1	11.9	1.2	1.9	0.2	0.9	0.1	24.1	3.33	35.1	2.7
	3	4	6403	11842	1299	3931	249	38.0	62.5	4.0	9.4	1.0	1.6	0.1	0.7	0.1	19.1	2.39	26.3	1.1
	4	5	5442	9496	962	2998	201	32.9	54.9	3.8	9.6	1.0	1.6	0.1	0.8	0.1	21.6	1.92	29.5	2.6
	5	6	5641	10306	1081	3406	224	35.3	56.0	3.5	9.2	0.9	1.5	0.1	0.6	0.1	19.1	2.08	25.8	0.8
	6	7	6192	11670	1275	3884	250	37.5	60.2	3.8	9.9	1.0	1.6	0.1	0.7	0.1	19.1	2.34	27.9	0.9
	7	8	10074	19409	2169	6777	402	59.4	90.7	5.4	13.1	1.2	1.9	0.2	0.6	0.1	24.1	3.90	37.5	0.8
	8	9	6286	11965	1335	4024	267	41.3	64.7	3.8	9.4	1.0	1.5	0.1	0.6	0.1	17.8	2.40	27.4	0.5
	9	10	4750	9188	997	3266	228	36.6	58.0	3.9	9.3	0.9	1.5	0.1	0.8	0.1	17.8	1.86	29.4	2.4
	10	11	9488	17750	2006	6194	438	68.2	107.5	6.7	16.9	1.7	2.5	0.3	1.3	0.2	34.3	3.61	63.6	3.6
	11	12	14836	27148	2900	9180	583	90.9	142.9	8.4	19.3	1.9	2.6	0.2	0.9	0.1	34.3	5.49	65.8	4.5
	12	13	6978	13267	1444	4432	296	45.4	73.0	4.7	12.3	1.3	2.2	0.2	1.1	0.2	25.4	2.66	35.2	2.4
	13	14	3659	6977	741	2391	158	24.0	38.0	2.3	5.9	0.7	1.4	0.1	0.7	0.1	12.7	1.40	16.0	1.6
	14	15	6157	11608	1293	3896	253	38.2	60.5	3.6	8.5	0.8	1.5	0.1	0.6	0.1	16.5	2.33	26.4	3.8

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 %	Th ppm	U ppm
	15	16	5524	10319	1087	3453	234	35.8	54.8	3.3	8.3	0.8	1.4	0.1	0.6	0.1	16.5	2.07	25.0	3.4
	16	17	3765	7002	727	2304	151	24.0	38.4	2.5	6.5	0.7	1.1	0.2	0.6	0.2	14.0	1.40	17.8	3.6
	17	18	4984	9287	957	2998	195	30.1	48.3	3.0	7.6	0.8	1.4	0.1	0.6	0.1	15.2	1.85	22.5	5.6
	18	19	5278	9913	1034	3266	211	32.5	50.9	3.1	7.8	0.8	1.4	0.1	0.6	0.1	16.5	1.98	24.9	5.9
	19	20	4140	7874	831	2636	172	26.2	42.3	2.6	6.7	0.7	1.1	0.1	0.6	0.1	14.0	1.57	20.0	4.0
	20	21	4597	8734	927	2951	197	28.8	46.8	2.9	7.1	0.8	1.1	0.1	0.7	0.1	15.2	1.75	21.6	4.4
	21	22	6286	12345	1383	4222	274	40.3	63.3	3.8	9.1	1.0	1.6	0.1	0.6	0.1	17.8	2.46	28.2	2.2
	22	23	5454	11056	1263	3919	260	38.4	59.4	3.9	9.6	1.0	1.7	0.2	0.7	0.1	20.3	2.21	28.8	2.7
	23	24	6544	12837	1444	4374	281	41.2	65.8	3.9	9.8	1.0	1.6	0.1	0.6	0.1	19.1	2.56	32.2	4.2
	24	25	5313	10613	1149	3732	244	36.4	58.0	3.5	9.4	1.0	1.6	0.2	0.7	0.1	19.1	2.12	31.2	6.1
	25	26	3800	7653	831	2706	187	29.0	48.0	3.0	8.0	0.9	1.5	0.2	0.8	0.1	17.8	1.53	28.2	2.7
	26	27	3730	6953	730	2344	159	24.4	39.9	2.6	6.3	0.7	1.4	0.1	0.7	0.1	15.2	1.40	30.6	9.6
	27	28	9429	17136	1849	5389	359	54.9	89.7	5.4	13.3	1.4	2.4	0.2	0.9	0.1	26.7	3.44	38.7	4.5
	28	29	12432	22541	2380	7500	488	77.8	127.9	8.0	20.7	2.2	3.9	0.3	1.5	0.2	45.7	4.56	60.1	2.3
	29	30	5688	10269	1051	3301	224	35.9	59.9	3.9	10.7	1.2	2.2	0.2	1.3	0.2	25.4	2.07	25.8	2.2
	30	31	10321	17689	1830	5354	368	59.9	102.1	7.0	19.3	2.1	3.7	0.3	1.8	0.3	43.2	3.58	50.3	3.3
	31	32	7307	13205	1395	4094	257	39.3	62.9	4.1	10.1	1.1	2.1	0.2	0.8	0.1	21.6	2.64	26.6	1.4
	32	33	5360	10957	1096	3406	228	33.7	53.9	3.1	8.0	0.8	1.3	0.1	0.8	0.1	17.8	2.12	21.8	0.9
	33	34	6920	14188	1414	4397	295	43.0	67.1	4.0	10.1	1.0	1.5	0.1	0.7	0.1	20.3	2.74	27.1	1.0
	34	35	5571	11817	1182	3686	242	35.8	58.7	3.6	10.1	1.0	1.3	0.1	0.7	0.1	19.1	2.26	27.7	1.2
	35	36	10825	21006	2042	6182	420	63.2	100.9	5.8	14.6	1.3	1.9	0.2	0.8	0.1	27.9	4.07	42.0	0.7
	36	37	5371	10429	1010	3033	197	29.5	46.5	2.9	7.7	0.9	1.4	0.2	0.9	0.2	17.8	2.01	18.0	0.6
	37	38	10661	22234	2217	6800	445	64.2	100.2	5.6	14.4	1.4	2.2	0.2	0.8	0.1	25.4	4.26	38.6	0.9
	38	39	7248	14864	1474	4537	302	45.5	70.3	4.3	10.6	1.0	1.6	0.2	0.7	0.1	22.9	2.86	28.4	0.8
	39	40	4750	9434	909	2694	171	25.9	43.1	2.7	6.9	0.7	1.3	0.1	0.6	0.1	14.0	1.81	17.6	0.5
	40	41	8808	16768	1559	4561	284	43.8	71.5	4.7	13.4	1.4	2.2	0.2	1.0	0.2	29.2	3.21	32.0	1.9
	41	42	5196	10269	985	2881	169	25.7	40.8	2.7	7.7	0.8	1.5	0.2	0.8	0.2	19.1	1.96	17.0	0.9
	42	43	3812	7751	756	2298	152	23.9	38.4	2.4	6.8	0.7	1.1	0.1	0.6	0.1	15.2	1.49	21.7	0.6
	43	44	2826	5761	573	1773	124	20.0	36.3	2.7	9.2	0.9	1.5	0.2	0.9	0.2	21.6	1.12	28.8	0.7
	44	45	10661	20576	1969	5832	377	56.7	90.5	5.2	13.7	1.3	2.1	0.1	0.7	0.1	26.7	3.96	36.5	1.2
	45	46	5137	10454	1033	3278	197	30.2	48.6	3.3	8.0	0.8	1.4	0.2	0.7	0.1	15.2	2.02	23.5	1.4
	46	47	4691	9336	915	2963	184	28.1	46.8	2.9	8.0	0.7	1.5	0.1	0.7	0.1	16.5	1.82	22.7	0.7
	47	48	4246	8451	816	2624	166	25.8	45.1	2.9	9.3	0.9	1.7	0.2	0.8	0.1	19.1	1.64	26.4	1.8
	48	49	5125	10073	977	3079	181	26.9	42.9	2.8	7.2	0.7	1.1	0.1	0.6	-0.1	14.0	1.95	20.4	2.0
	49	50	4375	8562	819	2624	162	25.8	40.7	2.6	7.6	0.8	1.6	0.2	0.9	0.1	17.8	1.66	19.4	2.8
	50	51	5524	10810	1043	3231	193	29.4	47.3	3.2	8.6	0.9	1.6	0.1	0.9	0.1	20.3	2.09	23.2	1.2
	51	52	7295	14004	1365	4164	255	39.1	63.3	4.3	11.4	1.1	1.9	0.2	0.8	0.1	21.6	2.72	32.4	1.9
	52	53	5465	10896	1075	3464	221	33.9	52.2	3.5	9.0	0.9	1.7	0.1	0.7	0.1	19.1	2.12	26.4	0.8
	53	54	10051	18795	1849	5389	332	51.3	87.8	5.9	17.7	1.6	2.6	0.2	1.1	0.2	34.3	3.66	56.2	1.6
	54	55	9394	17320	1691	4864	286	44.9	74.8	5.2	13.8	1.4	2.4	0.2	0.9	0.1	27.9	3.37	40.9	1.0
	55	56	7518	14249	1311	3931	230	36.4	60.6	4.5	15.6	1.6	2.6	0.2	0.8	0.1	34.3	2.74	35.5	1.0
	56	57	5395	10220	956	2893	166	25.4	43.1	3.7	12.2	1.4	2.2	0.1	0.8	0.1	30.5	1.97	28.9	1.1
	57	58	3342	6326	588	1709	105	16.2	28.7	2.5	9.8	1.2	1.9	0.2	0.7	0.1	29.2	1.22	26.8	9.6
	58	59	3026	5872	559	1656	108	16.9	29.4	2.2	7.5	0.7	1.5	0.1	0.8	0.1	19.1	1.13	19.6	6.5
	59	60	6662	11498	1008	2811	161	25.2	42.2	2.9	9.9	1.1	1.9	0.2	0.8	0.1	26.7	2.23	28.6	9.5

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 %	Th ppm	U ppm
	60	61	14250	24691	2145	5925	346	52.7	89.1	5.9	16.1	1.6	2.3	0.2	0.7	0.1	34.3	4.76	52.7	2.0
	61	62	4633	8967	841	2519	166	26.3	46.3	3.4	10.6	1.2	1.8	0.1	0.8	0.1	25.4	1.72	37.7	11.0
	62	63	3178	6498	637	1878	123	20.6	37.8	3.0	10.4	1.3	2.1	0.1	0.8	0.1	27.9	1.24	52.0	17.6
	63	64	7881	16092	1571	4759	326	54.0	89.8	6.1	17.2	1.8	2.9	0.2	1.1	0.2	38.1	3.08	59.9	8.9
	64	65	2234	4692	481	1446	99	16.4	27.9	1.9	6.2	0.7	1.4	0.1	0.9	0.1	17.8	0.90	39.0	18.0
	65	66	1736	3575	361	1109	78	13.2	23.4	1.7	6.2	0.8	1.8	0.2	1.3	0.1	19.1	0.69	32.6	14.7
	66	67	6966	14065	1389	4234	304	49.6	82.6	5.5	15.7	1.8	3.1	0.3	1.5	0.2	40.6	2.72	52.4	10.9
	67	68	1701	3894	435	1487	159	32.2	68.9	6.5	27.3	3.8	7.7	0.9	4.7	0.6	104.1	0.79	41.9	13.6
	68	69	1853	4189	468	1592	160	31.6	61.2	5.4	21.8	2.9	6.3	0.7	3.9	0.5	81.3	0.85	41.6	11.8
	69	70	2862	5958	604	1843	132	20.6	34.9	2.2	7.7	0.9	1.7	0.1	1.0	0.1	20.3	1.15	30.2	12.7
	70	71	2269	4435	440	1318	92	15.5	26.6	1.7	5.1	0.6	1.1	0.1	0.7	0.1	15.2	0.86	34.7	15.3
	71	72	6274	11879	1110	3219	205	31.8	49.0	3.1	8.4	0.8	1.4	0.1	0.6	0.1	17.8	2.28	29.9	5.4
	72	73	7119	13021	1197	3383	205	31.4	51.9	3.3	8.5	1.0	1.4	0.1	0.8	0.1	20.3	2.50	35.1	11.5
	73	74	6380	12591	1214	3674	250	38.4	65.0	3.9	10.6	1.0	1.7	0.1	0.8	0.1	21.6	2.43	38.2	8.5
	74	75	4222	8402	813	2426	160	24.4	41.4	2.7	7.1	0.7	1.4	0.1	0.8	0.1	16.5	1.61	28.3	11.0
	75	76	3413	6990	677	2024	139	22.5	37.5	2.5	7.4	0.8	1.4	0.1	0.8	0.1	17.8	1.33	36.1	13.7
	76	77	6556	12124	1125	3231	203	31.2	49.5	3.1	8.6	0.9	1.6	0.1	0.7	0.1	19.1	2.34	28.6	5.7
	77	78	6122	11694	1104	3231	209	30.2	50.4	3.3	9.1	0.9	1.5	0.1	0.7	0.1	20.3	2.25	29.7	8.0
	78	79	5876	11817	1133	3348	211	32.7	52.0	3.1	8.3	0.8	1.6	0.1	0.7	0.1	17.8	2.25	29.3	4.2
	79	80	6439	12124	1131	3359	245	40.9	69.7	4.5	12.6	1.1	1.7	0.1	0.5	-0.1	22.9	2.35	42.8	1.5
	80	81	14191	26288	2453	7127	503	82.7	138.9	9.0	25.8	2.3	3.4	0.2	1.0	0.2	48.3	5.09	92.2	2.5
	81	82	5395	10577	1021	3033	197	29.6	47.0	3.0	9.2	0.9	1.7	0.1	0.9	0.1	22.9	2.03	30.3	6.7
	82	83	5207	9446	881	2613	180	28.7	47.4	2.9	8.3	0.9	1.5	0.1	0.7	0.1	20.3	1.84	30.3	6.8
	83	84	10684	19532	1752	4934	297	45.3	76.1	4.8	13.5	1.5	2.4	0.2	1.0	0.2	34.3	3.74	47.6	3.9
	84	85	6826	13512	1293	3802	245	36.9	62.6	4.1	11.9	1.2	2.1	0.2	0.9	0.1	27.9	2.58	42.5	4.9
	85	86	5207	10368	992	2951	197	31.5	50.5	3.4	9.8	1.1	1.7	0.2	0.9	0.2	24.1	1.98	37.1	4.6
	86	87	5758	11264	1075	3149	208	32.4	53.0	3.6	11.1	1.2	1.9	0.2	1.1	0.1	27.9	2.16	39.9	4.8
	87	88	6603	12653	1201	3534	232	35.4	57.6	3.7	10.9	1.0	1.6	0.1	0.8	0.1	22.9	2.44	35.3	5.2
	88	89	5348	10884	1067	3243	219	32.9	51.8	3.1	9.0	0.9	1.4	0.1	0.8	0.1	19.1	2.09	31.6	9.3
	89	90	5547	11006	1046	3091	188	28.1	44.5	2.8	7.9	0.8	1.4	0.1	0.7	0.1	17.8	2.10	25.9	5.2
	90	91	6181	11989	1127	3313	203	30.3	50.3	3.7	10.8	1.1	1.8	0.1	0.8	0.1	25.4	2.29	34.6	5.5
	91	92	12432	23708	2169	6287	408	65.9	110.4	7.9	22.8	2.2	3.3	0.2	0.8	0.1	43.2	4.53	81.2	6.1
	92	93	6110	11658	1089	3184	219	34.9	62.5	4.6	14.5	1.3	1.9	0.2	0.8	0.1	29.2	2.24	50.8	8.0
	93	94	7166	13512	1244	3639	237	39.1	66.4	5.2	17.3	1.7	2.2	0.2	0.7	0.1	35.6	2.60	52.4	5.5
	94	95	5231	10282	992	2974	198	31.0	50.8	3.2	9.6	1.0	1.6	0.2	0.9	0.1	19.1	1.98	30.7	7.6
	95	96	5442	10957	1058	3208	223	34.7	58.4	3.7	11.4	1.2	1.7	0.2	0.7	0.1	22.9	2.10	36.3	9.3
	96	97	5207	10134	983	2986	212	33.6	57.3	3.7	11.9	1.2	1.8	0.2	0.9	0.1	26.7	1.97	31.5	6.6
	97	98	5090	10405	1017	3114	213	34.4	56.7	3.9	11.6	1.2	1.8	0.2	0.8	0.1	25.4	2.00	33.7	6.3
	98	99	6638	12960	1226	3686	244	38.4	64.8	4.1	12.1	1.3	2.1	0.2	0.9	0.1	25.4	2.49	35.5	6.4
	99	100	5794	10785	999	2916	188	30.7	53.9	3.9	13.3	1.3	2.2	0.1	0.9	0.2	29.2	2.08	42.9	6.3
	100	101	2885	5614	538	1598	101	16.2	27.9	2.3	7.4	0.9	1.5	0.2	0.8	0.1	19.1	1.08	23.1	4.8
	101	102	8784	16153	1450	4129	253	41.2	74.2	5.7	18.4	1.8	2.7	0.2	1.1	0.2	41.9	3.10	67.6	8.6
	102	103	7377	13512	1220	3476	214	35.6	63.3	5.3	17.7	1.9	2.7	0.3	1.4	0.2	41.9	2.60	56.3	6.4
	103	104	7811	14188	1269	3616	227	36.8	66.7	5.6	18.8	2.0	3.0	0.2	1.0	0.2	44.5	2.73	61.5	7.6
	104	105	7506	13758	1257	3581	223	36.6	63.2	4.4	14.4	1.5	2.2	0.2	0.8	0.1	31.8	2.65	48.8	7.7

Hole ID	From m	To m	La_2O_3 ppm	CeO_2 ppm	Pr_2O_3 ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO %	Th ppm	U ppm
	105	106	4222	8083	760	2205	150	25.2	44.6	3.7	12.2	1.3	2.2	0.2	1.1	0.2	29.2	1.55	54.4	10.2
	106	107	4785	9643	930	2811	202	34.4	64.0	5.4	21.4	2.6	4.7	0.5	2.3	0.3	62.2	1.86	54.0	9.5
	107	108	5500	10884	1046	3184	224	35.8	60.7	4.4	12.9	1.4	2.1	0.2	0.9	0.1	29.2	2.10	42.0	7.7
	108	109	4855	9876	964	2904	192	30.6	52.4	4.2	13.0	1.3	1.9	0.2	1.0	0.2	29.2	1.89	38.3	7.9
	109	110	5477	10601	1005	2974	195	32.0	55.6	4.1	12.9	1.3	2.1	0.2	0.8	0.1	30.5	2.04	42.0	8.0
	110	111	5078	9852	916	2706	180	29.5	52.9	3.9	12.9	1.2	1.7	0.1	0.7	0.1	25.4	1.89	42.2	8.1
	111	112	6955	13512	1257	3674	249	41.6	74.1	5.6	17.1	1.6	2.5	0.2	0.9	0.2	35.6	2.58	71.4	9.4
	112	113	6040	11547	1069	3138	220	36.2	66.3	5.6	20.1	2.1	3.1	0.3	1.4	0.2	44.5	2.22	56.3	9.0
	113	114	5043	9913	934	2776	188	30.6	54.1	4.1	14.9	1.6	2.7	0.2	1.3	0.2	34.3	1.90	44.0	10.0
	114	115	5418	10736	1020	3044	210	34.2	58.2	4.2	11.9	1.2	1.4	0.1	0.6	0.1	24.1	2.06	44.7	8.0
	115	116	8761	17935	1752	5284	366	58.4	96.2	6.5	18.3	1.6	2.6	0.2	0.9	0.1	34.3	3.43	68.8	6.5
	116	117	5383	10834	1044	3138	216	35.2	59.8	4.2	13.4	1.3	1.9	0.2	0.8	0.1	27.9	2.08	41.2	9.2
	117	118	5747	11375	1075	3173	207	31.3	51.4	3.4	9.9	1.1	1.7	0.1	0.7	0.1	21.6	2.17	29.4	7.3
	118	119	6662	13082	1244	3674	238	36.7	59.6	3.7	9.8	1.0	1.6	0.1	0.8	0.1	20.3	2.50	30.7	8.1
	119	120	6204	12087	1133	3359	221	33.4	56.6	3.7	10.6	1.0	1.6	0.1	0.6	0.1	21.6	2.31	36.9	7.4
	120	121	7248	13451	1257	3697	250	39.6	68.7	4.9	15.8	1.6	2.5	0.2	1.1	0.2	34.3	2.61	50.2	9.9
	121	122	6908	12345	1275	3546	223	35.4	58.7	3.6	10.0	1.0	1.5	0.1	0.7	0.1	19.1	2.44	37.8	9.4
	122	123	7131	12468	1287	3604	237	39.7	67.1	4.4	12.2	1.2	1.7	0.2	0.8	0.2	22.9	2.49	44.0	5.4
	123	124	7576	13205	1383	3802	256	45.5	81.7	6.5	21.9	2.4	3.8	0.4	2.1	0.3	53.3	2.64	47.6	4.4
	124	125	11705	20391	2102	5762	357	61.0	101.5	6.9	19.6	1.9	2.6	0.2	1.0	0.2	39.4	4.06	73.2	4.3
	125	126	11845	20576	2096	5750	364	61.4	103.5	6.9	19.6	2.0	2.6	0.2	1.1	0.1	38.1	4.09	73.0	4.0
	126	127	5712	10761	1109	3278	208	32.7	53.3	3.8	11.7	1.3	1.9	0.2	0.8	0.1	26.7	2.12	33.8	6.4
	127	128	4844	9213	957	2904	190	31.8	54.3	4.3	14.4	1.5	2.2	0.2	0.9	0.1	33.0	1.83	47.1	8.7
	128	129	5629	10810	1135	3406	214	34.3	53.7	3.4	9.3	1.0	1.6	0.1	0.8	0.1	20.3	2.13	30.1	5.9
	129	130	4656	8783	911	2729	177	29.3	50.0	3.7	11.5	1.1	1.5	0.1	0.7	-0.1	22.9	1.74	44.2	9.8
	130	131	4562	8881	936	2858	187	31.7	54.5	4.3	12.6	1.3	1.5	0.1	0.6	0.1	25.4	1.76	51.4	7.0
	131	132	5993	11793	1293	3721	234	39.0	64.6	4.5	13.3	1.3	1.8	0.1	0.6	0.1	25.4	2.32	48.0	6.5
	132	133	6462	12001	1293	3651	237	39.7	67.3	4.7	13.2	1.3	1.8	0.1	0.6	0.1	26.7	2.38	49.4	11.4
	133	134	4914	9643	1012	3068	207	34.4	57.8	4.3	12.7	1.3	1.9	0.2	0.7	0.1	27.9	1.90	44.3	8.5
	134	135	5360	10405	1093	3278	212	35.4	59.7	4.7	13.9	1.4	1.9	0.1	0.8	0.1	29.2	2.05	46.9	6.2
	135	136	7154	13451	1450	4059	252	41.8	74.2	5.4	17.2	1.8	2.5	0.2	0.9	0.2	38.1	2.65	54.8	3.9
	136	137	5242	10982	1092	3359	231	35.4	63.1	4.4	13.1	1.2	1.6	-0.1	0.6	-0.1	25.4	2.11	47.8	4.4
	137	138	5313	10294	1078	3243	209	33.7	60.2	5.1	15.8	1.7	2.4	0.2	0.8	0.1	35.6	2.03	51.4	8.6
	138	139	5583	10773	1109	3324	221	37.5	67.5	5.3	16.8	1.7	2.5	0.2	1.0	0.1	39.4	2.12	62.2	9.4
	139	140	5993	11559	1226	3651	240	41.5	70.1	5.1	15.5	1.6	2.2	0.2	0.8	0.1	33.0	2.28	58.4	6.0
	140	141	5606	10675	1114	3336	220	36.7	64.8	5.0	15.4	1.6	2.3	0.2	0.8	0.1	35.6	2.11	57.6	10.9
	141	142	5536	10503	1090	3289	218	37.4	65.4	5.0	15.8	1.7	2.2	0.2	1.0	0.1	36.8	2.08	60.6	9.5
	142	143	5196	9754	1005	2998	202	35.4	61.9	4.7	14.4	1.5	2.1	0.2	0.9	0.1	33.0	1.93	55.2	8.4
	143	144	5020	9238	951	2846	188	33.1	58.7	4.5	14.2	1.4	1.9	0.2	0.9	0.1	31.8	1.84	51.9	8.8
	144	145	4773	9287	988	3009	200	33.1	57.1	4.3	13.4	1.4	2.2	0.2	1.1	0.1	30.5	1.84	48.4	10.6
	145	146	3671	7248	789	2449	170	29.1	49.1	3.5	11.6	1.3	2.1	0.2	1.0	0.2	27.9	1.45	39.2	15.1
	146	147	5512	10736	1172	3511	237	40.9	72.8	5.2	14.9	1.6	2.3	0.2	1.1	0.2	33.0	2.13	65.9	14.2
	147	148	3647	7063	758	2333	157	26.1	44.1	2.9	8.7	1.0	1.7	0.1	0.8	0.1	20.3	1.41	37.4	13.4
	148	149	3788	7469	817	2589	194	33.6	59.0	4.1	12.7	1.6	2.9	0.3	1.3	0.2	33.0	1.50	38.7	13.0
	149	150	4222	8365	917	2916	213	36.7	61.8	4.0	10.9	1.2	2.3	0.2	0.9	0.1	22.9	1.68	43.2	18.0

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 %	Th ppm	U ppm
	150	151	4339	8857	970	3044	207	33.5	55.2	3.6	10.2	1.0	1.7	0.1	0.8	0.1	21.6	1.75	47.3	13.4
	151	152	6216	12530	1263	3931	277	41.8	64.9	4.0	13.1	1.4	2.3	0.1	0.9	0.1	30.5	2.44	49.1	11.0
	152	153	5899	11584	1149	3511	240	38.3	61.6	4.4	14.5	1.5	2.2	0.2	0.9	0.1	30.5	2.25	54.9	10.4
	153	154	6251	11645	1126	3371	232	38.7	70.9	6.3	19.1	1.8	2.5	0.2	1.1	0.2	39.4	2.28	93.0	11.2
	154	155	4973	9594	945	2904	207	33.7	57.4	4.7	15.3	1.4	1.9	0.2	0.9	0.1	33.0	1.88	79.4	12.6
	155	156	3296	6375	626	1913	144	25.1	42.8	3.5	12.2	1.3	2.2	0.2	1.3	0.2	30.5	1.25	44.3	15.6
	156	157	3260	6142	591	1796	140	24.7	46.9	4.1	14.9	1.6	2.6	0.2	2.3	0.2	36.8	1.21	54.6	15.4
	157	158	5876	11191	1055	3079	207	34.3	59.7	5.1	16.3	1.7	2.6	0.3	1.1	0.2	39.4	2.16	57.8	12.5
	158	159	6884	13635	1353	4082	267	43.2	70.4	5.1	17.5	1.8	2.4	0.2	0.8	0.1	35.6	2.64	63.3	8.9
	159	160	8280	17382	1843	5412	343	53.3	81.4	5.7	17.5	1.6	2.4	0.2	0.8	0.1	36.8	3.35	54.2	7.0
KGKRC058	0	1	9101	17443	1740	4631	327	57.8	92.7	6.7	17.9	1.8	2.6	0.3	1.5	0.2	38.1	3.35	54.0	3.2
	1	2	5289	10441	991	2823	201	34.5	55.9	4.0	11.4	1.2	2.1	0.2	1.1	0.1	26.7	1.99	28.5	2.2
	2	3	5841	10933	1015	2858	190	31.5	49.5	3.4	9.9	1.0	1.7	0.2	0.7	0.1	22.9	2.10	25.4	3.6
	3	4	4820	9164	852	2403	162	25.5	40.2	2.7	7.6	0.8	1.4	0.1	0.7	0.1	17.8	1.75	19.1	1.7
	4	5	7037	13758	1402	3814	268	43.1	66.4	4.1	10.2	1.0	1.8	0.2	1.0	0.1	21.6	2.64	28.5	1.9
	5	6	6016	12063	1220	3418	239	39.4	60.3	4.0	11.0	1.2	1.9	0.2	0.8	0.1	25.4	2.31	24.9	1.1
	6	7	4468	9029	884	2578	180	29.1	45.1	3.1	8.7	0.9	1.7	0.2	0.8	0.1	21.6	1.73	17.4	1.4
	7	8	5067	10380	1022	2974	204	33.6	51.9	3.7	11.0	1.2	2.2	0.3	1.3	0.2	30.5	1.98	21.0	2.4
	8	9	3870	8206	834	2531	207	36.2	61.0	4.4	14.0	1.7	3.3	0.4	2.1	0.2	44.5	1.58	26.6	2.0
	9	10	4081	8501	857	2601	212	37.1	63.5	4.6	15.5	1.7	3.4	0.4	2.4	0.3	45.7	1.64	27.9	2.1
	10	11	4375	9016	906	2729	228	40.8	69.5	5.6	18.1	2.3	4.4	0.4	2.6	0.3	54.6	1.75	36.8	2.6
	11	12	5254	10613	1052	3161	256	44.1	71.7	5.1	15.8	1.8	3.3	0.4	2.3	0.3	47.0	2.05	41.8	3.0
	12	13	4105	7997	795	2426	208	38.9	70.3	6.0	23.0	3.3	6.3	0.7	3.9	0.5	82.5	1.58	43.9	6.0
	13	14	1243	2666	268	885	108	25.1	55.8	6.0	25.5	3.7	7.9	1.0	4.9	0.6	102.9	0.54	29.9	5.8
	14	15	4128	7960	773	2304	195	36.5	69.4	6.2	24.0	3.3	6.6	0.8	4.2	0.6	85.1	1.56	34.6	5.8
	15	16	3026	6437	678	2146	200	37.5	67.2	5.3	20.2	2.7	5.7	0.6	3.8	0.5	67.3	1.27	26.9	8.0
	16	17	12256	25305	2682	8445	538	82.2	132.6	8.8	27.2	2.9	5.4	0.5	3.1	0.3	64.8	4.96	73.2	3.8
	17	18	8069	15908	1589	4374	314	52.5	86.5	6.2	20.0	2.4	4.5	0.5	2.5	0.3	58.4	3.05	35.4	6.6
	18	19	5665	10798	1038	3033	234	41.0	71.0	5.7	21.1	2.7	5.3	0.6	2.7	0.2	64.8	2.10	21.6	3.4
	19	20	4973	8795	807	2304	182	33.6	62.1	5.3	20.2	2.8	5.4	0.6	3.0	0.4	69.8	1.73	26.4	3.2
	20	21	3999	7579	720	2082	154	27.1	46.2	3.8	13.8	1.7	3.3	0.3	1.7	0.3	41.9	1.47	15.0	0.8
	21	22	6075	12530	1287	3616	252	39.3	63.2	4.5	13.7	1.5	2.4	0.2	1.3	0.1	33.0	2.39	23.0	2.3
	22	23	4961	9102	845	2379	164	27.7	45.6	3.5	11.4	1.3	2.5	0.3	1.3	0.2	33.0	1.76	18.3	2.3
	23	24	6169	11829	1172	3184	217	34.4	55.0	3.6	11.4	1.3	1.9	0.2	1.0	0.1	26.7	2.27	24.7	3.7
	24	25	6439	12775	1299	3593	253	40.2	63.9	4.0	11.3	1.1	1.5	0.1	0.6	0.1	22.9	2.45	28.4	3.2
	25	26	6415	13205	1359	3837	296	50.1	82.4	6.1	20.0	2.5	4.5	0.5	2.6	0.3	59.7	2.53	36.2	2.6
	26	27	4046	8402	838	2531	215	37.2	67.0	5.6	20.8	2.8	5.6	0.6	3.1	0.4	71.1	1.62	31.7	3.4
	27	28	4339	9459	971	3021	254	44.7	74.8	5.9	20.7	2.6	4.9	0.5	2.7	0.3	64.8	1.83	25.8	2.0
	28	29	3401	6670	666	2164	181	32.0	58.0	4.7	16.1	2.0	4.1	0.4	2.2	0.3	49.5	1.33	21.9	1.6
	29	30	4398	8550	865	2788	218	38.3	65.4	5.2	17.3	2.2	4.0	0.4	1.9	0.2	49.5	1.70	28.8	3.9
	30	31	9723	18365	1794	5365	399	68.2	111.2	7.4	21.0	2.1	3.3	0.3	1.3	0.2	44.5	3.59	52.8	2.6
	31	32	4468	8193	812	2624	210	39.0	71.8	5.7	20.1	2.7	4.7	0.5	3.0	0.4	61.0	1.65	39.2	6.6
	32	33	3835	6289	555	1627	121	23.4	48.5	4.6	18.4	2.5	5.5	0.6	3.1	0.4	66.0	1.26	43.5	5.6
	33	34	1859	3440	333	1148	122	25.6	50.1	4.6	18.1	2.6	5.4	0.6	3.5	0.4	67.3	0.71	23.0	3.9
	34	35	2838	4619	416	1266	100	20.3	41.7	4.4	19.7	2.7	6.0	0.6	3.8	0.5	72.4	0.94	30.6	5.9

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 %	Th ppm	U ppm
	35	36	3483	5565	488	1476	115	23.5	50.5	5.1	20.7	3.1	6.9	0.7	3.9	0.6	78.7	1.13	26.3	5.5
	36	37	3847	6031	527	1540	111	22.9	46.1	4.6	18.6	2.7	5.7	0.6	3.2	0.5	67.3	1.22	22.2	5.6
	37	38	4597	7788	727	2228	160	30.1	55.7	4.9	17.5	2.2	4.8	0.4	2.6	0.3	54.6	1.57	29.0	5.9
	38	39	10403	18979	1885	5575	397	67.6	117.6	8.5	25.5	2.6	3.9	0.2	1.1	0.2	52.1	3.75	52.8	4.9
	39	40	10696	18487	1806	5027	320	52.9	86.8	6.3	16.1	1.6	2.5	0.2	0.9	0.2	31.8	3.65	40.5	4.7
	40	41	8186	16215	1637	4829	306	46.2	68.1	4.1	10.4	1.1	1.8	0.2	0.9	0.1	21.6	3.13	30.6	6.8
	41	42	2393	4705	481	1633	135	25.7	47.3	4.8	19.1	2.5	4.9	0.4	3.1	0.4	64.8	0.95	42.5	41.7
	42	43	1706	3231	312	1056	101	21.7	47.1	5.2	27.2	4.4	10.4	1.1	6.5	0.8	128.3	0.67	32.6	35.0
	43	44	5923	10712	1033	3184	228	40.5	74.0	5.9	19.3	2.5	4.8	0.4	2.6	0.3	55.9	2.13	32.4	9.1
	44	45	4081	7051	660	2047	165	32.7	66.7	6.5	22.5	3.0	6.1	0.5	3.0	0.4	73.7	1.42	32.4	7.4
	45	46	4386	7162	648	1977	147	26.3	49.8	4.1	15.8	2.2	4.5	0.4	2.9	0.4	55.9	1.45	41.8	6.2
	46	47	4937	8562	811	2554	193	33.7	59.8	5.0	16.4	2.1	4.2	0.4	2.7	0.4	50.8	1.72	46.5	8.0
	47	48	4984	9078	898	2858	226	41.8	73.4	5.8	19.3	2.3	3.8	0.3	2.1	0.3	52.1	1.82	38.6	6.6
	48	49	3167	5466	524	1691	149	28.8	62.0	6.3	26.2	3.8	8.1	0.9	5.4	0.8	101.6	1.12	44.0	9.4
	49	50	3213	5282	477	1464	122	24.2	53.1	5.7	24.9	3.5	8.0	0.8	5.0	0.7	97.8	1.08	39.5	6.1
	50	51	3706	6388	596	1814	144	27.2	56.3	5.5	21.9	3.1	6.2	0.6	3.8	0.5	78.7	1.29	31.3	10.9
	51	52	2897	4926	451	1388	112	21.8	47.8	5.1	22.3	3.2	6.6	0.7	3.6	0.5	82.5	1.00	32.2	7.3
	52	53	2768	4717	447	1446	127	25.6	56.1	5.9	24.5	3.5	8.1	0.8	4.8	0.6	95.2	0.97	29.8	20.9
	53	54	3272	5282	460	1388	110	22.6	46.1	4.6	19.3	2.8	5.4	0.6	3.1	0.5	71.1	1.07	28.3	9.0
	54	55	3812	6142	540	1645	132	26.5	53.5	5.7	21.5	3.1	6.8	0.7	4.2	0.6	83.8	1.25	27.2	9.1
	55	56	3143	5196	470	1411	108	20.7	46.0	4.5	18.1	2.7	5.8	0.6	3.8	0.5	71.1	1.05	23.9	5.7
	56	57	3788	5945	540	1604	116	23.0	45.2	4.5	18.6	2.6	5.5	0.6	3.3	0.5	69.8	1.22	30.6	6.7
	57	58	4269	6916	639	1954	152	30.5	63.3	6.4	24.3	3.6	7.8	0.8	4.4	0.7	86.4	1.42	33.2	10.0
	58	59	4011	7420	679	1995	147	26.4	50.4	4.1	16.8	2.2	4.9	0.5	3.2	0.3	59.7	1.44	25.7	4.7
	59	60	10626	19532	1818	5330	366	58.8	101.2	6.4	17.9	1.8	3.0	0.3	1.3	0.3	39.4	3.79	54.4	4.1
	60	61	2838	5086	483	1458	129	26.8	60.1	5.9	25.9	3.6	8.2	0.9	5.2	0.7	102.9	1.02	65.1	8.7
	61	62	3471	5884	527	1510	118	22.0	47.3	4.5	18.6	2.6	6.2	0.6	3.4	0.5	71.1	1.17	25.4	6.4
	62	63	3624	6314	571	1645	118	21.9	43.5	3.9	14.6	2.0	4.7	0.4	2.7	0.3	54.6	1.24	17.8	5.8
	63	64	4937	8439	733	2094	165	31.5	65.9	6.1	24.3	3.2	6.8	0.7	4.0	0.5	88.9	1.66	36.7	5.8
	64	65	3765	6167	538	1522	121	22.7	49.9	5.1	20.3	2.9	6.5	0.6	4.0	0.6	80.0	1.23	27.9	6.0
	65	66	3155	5270	472	1365	113	21.8	50.9	4.9	20.5	2.9	6.2	0.6	3.8	0.4	78.7	1.06	21.6	5.7
	66	67	3741	6314	568	1621	121	21.8	46.0	3.9	15.7	2.3	5.0	0.5	3.1	0.3	63.5	1.25	22.7	7.4
	67	68	5395	9053	799	2286	180	33.2	69.7	6.0	24.0	3.3	6.9	0.7	4.1	0.6	87.6	1.79	37.0	5.2
	68	69	6603	11436	1014	2869	187	32.2	61.4	5.1	20.1	2.7	6.3	0.6	4.0	0.5	74.9	2.23	39.5	5.7
	69	70	4363	7518	665	1901	150	28.4	62.2	5.8	24.7	3.6	8.4	0.8	5.0	0.6	100.3	1.48	35.1	6.1
	70	71	2967	5000	448	1277	102	19.8	43.8	4.0	16.8	2.4	5.6	0.5	3.2	0.5	67.3	1.00	24.4	6.8
	71	72	3483	5884	528	1516	122	23.2	49.7	4.7	20.2	2.8	6.4	0.7	4.1	0.6	77.5	1.17	29.3	7.3
	72	73	3260	5749	536	1575	124	24.1	50.0	4.9	19.5	2.8	6.6	0.7	3.9	0.5	74.9	1.14	25.6	6.7
	73	74	3260	5540	505	1476	121	24.1	51.3	4.8	20.7	2.9	6.5	0.7	4.3	0.5	81.3	1.11	26.9	6.5
	74	75	3436	6253	596	1790	148	28.1	55.8	4.9	19.7	2.7	6.0	0.6	3.9	0.5	76.2	1.24	35.8	6.6
	75	76	3319	5540	494	1417	114	23.0	52.6	5.0	21.5	3.1	7.2	0.7	4.4	0.7	87.6	1.11	38.5	7.6
	76	77	3425	5859	529	1551	128	25.2	56.5	5.4	23.6	3.5	8.1	0.9	5.4	0.7	101.6	1.17	37.5	8.2
	77	78	2721	4828	463	1400	127	26.3	58.1	6.0	27.0	3.9	8.7	1.0	5.9	0.8	110.5	0.98	38.7	6.6
	78	79	3002	5651	565	1814	188	36.7	79.8	7.7	32.1	4.3	9.8	1.0	6.6	0.9	119.4	1.15	66.3	5.9
	79	80	4304	7923	736	2199	174	31.4	65.6	5.5	22.0	3.0	6.5	0.6	3.8	0.5	78.7	1.56	46.1	6.5

Hole ID	From m	To m	La_2O_3 ppm	CeO_2 ppm	Pr_2O_3 ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO %	Th ppm	U ppm
	80	81	3401	5712	517	1510	134	26.8	62.2	6.1	26.2	3.8	8.4	0.9	4.9	0.7	101.6	1.15	48.1	5.2
	81	82	1994	3697	373	1236	148	33.0	77.7	8.2	36.4	5.3	11.7	1.2	7.4	0.9	147.3	0.78	113.5	9.5
	82	83	2486	5159	555	1890	207	44.0	93.1	8.7	35.7	5.0	11.2	1.1	6.7	1.0	135.9	1.06	43.3	10.9
	83	84	2791	5454	553	1773	171	33.9	71.9	6.9	29.5	4.2	9.5	1.0	6.3	0.8	115.6	1.10	37.3	7.8
	84	85	3683	8230	823	2519	166	25.4	40.5	2.6	7.5	0.7	1.4	0.1	0.7	0.2	17.8	1.55	37.2	7.2
	85	86	3694	7162	706	2082	143	24.9	44.8	4.7	26.2	4.5	10.1	1.0	4.9	0.6	133.3	1.40	49.9	10.0
	86	87	5125	9876	951	2858	164	24.4	36.1	2.3	6.8	0.7	1.4	0.2	0.7	0.1	16.5	1.91	32.4	6.2
	87	88	13604	23892	2265	6077	330	52.0	75.5	4.4	12.9	1.2	1.9	0.1	0.7	0.1	22.9	4.63	46.0	4.7
	88	89	8515	14679	1402	3639	216	37.6	60.1	3.8	12.9	1.3	2.5	0.2	1.0	0.2	29.2	2.86	41.9	9.7
	89	90	4163	8206	826	2449	164	27.4	40.7	2.6	8.5	0.9	1.6	0.2	0.9	0.1	20.3	1.59	38.4	8.2
	90	91	3049	6130	631	1954	158	30.3	53.7	4.3	19.5	3.2	9.3	1.2	7.6	1.0	91.4	1.21	43.2	10.5
	91	92	1988	4287	464	1551	166	37.3	76.4	9.5	67.4	13.6	40.3	4.3	21.4	2.5	455.9	0.92	63.6	15.2
	92	93	1566	3476	401	1394	160	35.7	77.9	11.0	82.3	15.4	38.3	3.8	19.6	2.3	504.2	0.78	81.6	18.8
	93	94	1031	2555	306	1151	165	40.3	87.8	9.9	55.3	9.8	24.1	2.7	15.7	2.0	299.7	0.58	83.9	21.6
	94	95	1082	2653	315	1135	133	27.1	51.4	4.3	14.2	1.5	2.5	0.3	1.9	0.3	39.4	0.55	76.2	10.6
	95	96	2146	4742	530	1732	134	22.9	36.2	2.4	7.7	0.8	1.8	0.2	1.3	0.2	19.1	0.94	45.4	8.0
	96	97	1290	3132	364	1254	130	28.4	55.8	5.4	27.0	4.1	10.2	1.1	6.6	0.9	123.2	0.64	44.2	12.2
	97	98	1853	4115	466	1569	147	27.3	47.0	3.5	13.1	1.7	3.5	0.4	2.3	0.3	41.9	0.83	38.1	11.2
	98	99	1196	2825	315	1068	108	23.5	47.4	5.2	31.1	5.5	12.8	1.4	7.3	0.9	166.4	0.58	35.5	13.6
	99	100	1319	3046	346	1190	138	30.7	62.5	6.3	34.3	5.4	13.3	1.3	7.4	1.0	163.8	0.64	48.7	13.6
	100	101	2780	5921	644	2053	153	26.1	40.5	2.4	8.4	1.0	1.8	0.3	1.1	0.2	20.3	1.17	36.6	11.4
	101	102	6274	12837	1359	4199	276	40.8	64.8	4.0	11.0	1.2	1.9	0.2	0.9	0.1	25.4	2.51	36.3	8.6
	102	103	5196	10773	1167	3499	244	41.5	66.7	4.5	14.2	1.7	3.4	0.4	2.1	0.3	40.6	2.11	47.3	17.6
	103	104	2158	4385	474	1551	156	33.0	64.1	5.9	25.9	3.6	8.8	0.9	5.5	0.7	99.1	0.90	41.9	15.6
	104	105	2533	5036	541	1767	191	44.4	91.1	8.8	38.7	5.6	12.4	1.4	7.3	0.9	154.9	1.04	48.3	19.4
	105	106	2909	5847	625	2006	189	41.6	81.6	7.5	32.5	4.1	8.8	0.9	4.8	0.6	110.5	1.19	33.7	17.8
	106	107	2533	5196	557	1779	159	32.5	59.8	5.2	21.4	2.8	6.0	0.6	3.3	0.4	71.1	1.04	35.2	14.6
	107	108	1061	2543	292	1040	125	28.8	61.0	5.8	27.2	4.0	8.9	1.1	5.7	0.7	110.5	0.53	51.7	12.0
	108	109	2035	3550	337	1002	78	16.0	28.4	2.3	8.2	1.0	2.1	0.2	1.1	0.2	25.4	0.71	24.5	10.5
	109	110	942	2082	236	846	121	30.5	68.8	7.1	32.8	4.7	11.1	1.3	6.7	1.0	133.3	0.45	53.4	12.0
	110	111	1542	3022	315	1029	106	23.3	46.9	4.8	25.0	3.9	10.0	1.0	7.1	0.8	121.9	0.63	60.1	16.4
	111	112	12197	25059	2670	7745	455	74.3	106.5	6.1	17.9	1.7	2.7	0.2	1.1	0.2	34.3	4.84	60.3	6.6
	112	113	15422	26411	2658	7313	462	82.0	127.9	8.2	24.7	2.4	3.7	0.3	1.4	0.2	49.5	5.26	64.0	3.1
	113	114	7271	13574	1414	3791	233	39.0	60.5	4.1	12.2	1.4	2.4	0.2	1.0	0.2	30.5	2.64	33.3	7.9
	114	115	6228	11277	1098	3103	191	31.8	47.4	3.1	8.5	0.9	1.7	0.1	0.8	0.1	19.1	2.20	29.2	7.2
	115	116	4715	8894	828	2484	152	22.7	41.3	2.6	6.8	0.8	1.6	0.2	0.8	0.1	16.5	1.72	21.9	9.0
	116	117	5207	10503	1096	3219	197	27.8	45.4	2.8	7.9	0.8	1.5	0.1	0.6	0.1	16.5	2.03	19.6	1.9
	117	118	5067	9962	956	2916	185	26.1	45.8	2.8	8.0	0.9	1.6	0.2	0.9	0.1	20.3	1.92	24.3	4.6
	118	119	5512	10847	1037	3161	209	30.1	51.8	3.3	8.0	1.0	1.7	0.2	0.9	0.1	19.1	2.09	27.5	6.4
	119	120	4609	8771	849	2566	161	23.9	39.8	2.4	7.4	0.9	1.6	0.2	0.9	0.1	17.8	1.71	23.4	7.9
	120	121	4140	8537	793	2531	181	32.0	56.5	4.5	15.8	2.3	4.6	0.4	2.2	0.3	54.6	1.64	27.1	10.8
	121	122	5371	10343	928	2823	185	31.4	51.3	3.7	10.9	1.3	2.1	0.2	1.1	0.1	27.9	1.98	31.0	7.2
	122	123	4445	8758	847	2566	165	24.6	41.6	2.5	7.2	0.9	1.5	0.1	0.7	0.1	17.8	1.69	21.8	7.3
	123	124	7131	13267	1317	3709	229	32.1	53.6	3.2	8.3	1.0	1.6	0.1	0.7	0.1	17.8	2.58	25.7	5.4
	124	125	8866	15785	1522	4257	284	43.4	79.1	5.2	14.2	1.5	2.4	0.2	1.1	0.1	30.5	3.09	38.6	6.7

Hole ID	From m	To m	La_2O_3 ppm	CeO_2 ppm	Pr_2O_3 ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO %	Th ppm	U ppm
	125	126	7705	13758	1335	3826	257	37.9	64.7	3.9	11.3	1.1	1.7	0.2	0.7	0.1	24.1	2.70	32.5	5.3
	126	127	4621	8685	822	2473	162	23.3	40.9	2.8	8.6	1.0	1.7	0.2	0.9	0.1	21.6	1.69	18.8	7.4
	127	128	5688	10908	1051	3184	184	28.0	48.3	3.2	9.3	1.0	1.9	0.2	0.9	0.1	22.9	2.11	25.4	7.2
	128	129	5031	9803	969	2986	196	26.9	44.7	2.8	7.8	0.9	1.7	0.2	0.9	0.1	17.8	1.91	24.3	7.1
	129	130	5641	11043	1093	3336	229	34.0	57.3	3.7	10.1	1.1	1.9	0.2	0.9	0.2	22.9	2.15	30.1	7.9
	130	131	6650	12898	1293	3837	250	36.7	63.4	4.2	11.9	1.2	2.2	0.2	1.1	0.1	27.9	2.51	37.6	7.5
	131	132	4152	8562	870	2764	189	28.1	49.8	3.3	10.2	1.2	2.1	0.2	1.4	0.2	26.7	1.67	32.7	5.0
	132	133	3788	7886	818	2554	161	24.7	41.2	2.6	7.6	0.9	1.7	0.2	1.0	0.1	20.3	1.53	21.9	4.0
	133	134	14777	24199	2229	6357	397	60.3	107.7	7.0	19.7	2.0	3.2	0.2	1.1	0.2	39.4	4.82	48.5	1.8
	134	135	6603	12284	1208	3628	248	35.9	60.9	3.6	10.0	1.1	1.8	0.1	0.8	0.1	21.6	2.41	29.1	7.0
	135	136	5149	10061	986	3068	219	31.7	56.0	3.6	9.6	1.1	2.2	0.2	1.0	0.1	21.6	1.96	27.6	7.6
	136	137	6286	12173	1220	3651	241	34.5	58.6	3.6	9.6	0.9	1.7	0.2	0.8	0.1	19.1	2.37	29.2	8.2
	137	138	4633	9655	969	3079	215	30.6	51.8	3.2	8.4	0.9	1.7	0.2	0.8	0.1	19.1	1.87	28.3	9.8
	138	139	4926	10097	1004	3161	223	33.1	56.0	3.4	9.8	1.0	1.9	0.2	0.9	0.2	22.9	1.95	30.4	6.6
	139	140	6509	12530	1257	3732	253	36.8	63.2	3.7	9.9	1.0	1.8	0.1	0.9	0.1	20.3	2.44	29.4	6.9
	140	141	6591	13697	1420	4211	273	39.6	67.3	3.9	10.2	1.1	1.6	0.2	0.9	0.1	20.3	2.63	33.0	7.8
	141	142	4961	9815	997	3079	202	28.3	47.5	2.7	7.8	0.9	1.6	0.1	0.8	0.1	17.8	1.92	26.3	9.1
	142	143	4996	10073	1002	3114	206	27.7	47.6	2.8	7.7	0.9	1.5	0.1	0.8	0.1	17.8	1.95	28.7	9.9
	143	144	4597	9201	918	2799	181	26.5	45.1	2.9	7.4	0.8	1.6	0.1	0.7	0.1	16.5	1.78	21.7	4.9
	144	145	5653	11436	1114	3429	223	30.6	51.2	3.2	9.3	0.9	1.6	0.2	0.8	0.1	19.1	2.20	28.7	8.7
	145	146	5137	10097	996	3056	201	29.1	46.1	3.0	8.3	0.8	1.6	0.1	0.8	0.1	17.8	1.96	29.8	7.5
	146	147	5735	11314	1130	3394	220	31.6	50.0	3.3	8.6	0.9	1.5	0.1	0.8	0.1	19.1	2.19	29.5	7.5
	147	148	6826	11903	1079	3138	202	30.2	51.3	3.5	9.9	1.1	1.9	0.2	0.9	0.2	24.1	2.33	26.2	2.1
	148	149	8503	13881	1208	3359	210	32.5	54.1	3.6	9.2	0.8	1.1	0.1	0.2	-0.1	15.2	2.73	30.7	1.1
	149	150	7705	14311	1408	3942	256	37.6	60.7	4.3	12.1	1.2	2.1	0.2	0.9	0.1	26.7	2.78	35.1	2.8
	150	151	5184	10429	1045	3219	214	29.6	47.6	3.0	8.2	0.9	1.6	0.2	0.7	0.1	17.8	2.02	22.6	6.1
	151	152	4504	9532	903	2846	180	28.0	40.8	2.6	6.0	0.6	1.3	0.1	0.6	0.1	14.0	1.81	22.7	6.6
	152	153	5512	11080	1109	3429	220	30.0	46.1	2.8	7.4	0.7	1.4	0.1	0.6	0.1	15.2	2.15	23.1	4.3
	153	154	4762	8722	835	2449	156	22.4	37.0	2.4	6.5	0.7	1.3	0.1	0.6	0.1	15.2	1.70	19.2	5.1
	154	155	4034	9053	886	2869	192	30.2	46.5	2.9	6.9	0.7	1.5	0.1	0.7	0.1	15.2	1.71	24.3	8.0
	155	156	4011	7899	709	2158	135	21.1	32.4	2.0	5.3	0.6	1.0	0.1	0.5	0.1	12.7	1.50	16.6	3.8
	156	157	5149	10429	1064	3324	218	29.9	43.7	2.7	6.7	0.7	1.3	0.1	0.7	0.1	14.0	2.03	21.5	6.7
	157	158	4269	8648	884	2788	197	27.6	41.6	2.4	6.5	0.7	1.1	0.1	0.7	0.1	14.0	1.69	21.3	4.1
	158	159	4668	9889	1043	3266	223	30.7	47.4	3.0	7.7	0.7	1.5	0.1	0.5	0.1	14.0	1.92	23.3	4.0
	159	160	3507	6584	638	1925	126	17.8	29.5	2.0	6.3	0.7	1.4	0.2	0.8	0.1	15.2	1.29	14.3	1.6
	160	161	4445	8820	878	2706	176	25.2	39.8	2.5	6.9	0.7	1.4	0.1	0.6	0.1	14.0	1.71	18.4	2.2
	161	162	4621	9164	934	2939	200	29.5	46.9	3.0	8.3	0.8	1.4	0.1	0.8	0.1	19.1	1.80	26.9	5.1
	162	163	5934	11952	1287	3896	276	39.4	62.2	3.7	9.9	0.9	1.5	0.1	0.7	0.1	17.8	2.35	32.3	3.8
	163	164	4679	9606	980	3033	204	29.0	43.0	2.6	6.8	0.8	1.4	0.1	0.6	0.1	15.2	1.86	24.5	4.8
	164	165	4386	8844	899	2799	188	26.2	40.9	2.5	6.5	0.7	1.1	0.1	0.5	0.1	14.0	1.72	19.6	2.4
	165	166	4468	9016	916	2881	198	27.7	42.4	2.5	7.9	0.8	1.4	0.1	0.7	0.1	16.5	1.76	24.6	6.7
	166	167	9136	16338	1655	4631	311	46.2	74.9	5.0	14.4	1.3	2.4	0.2	0.8	0.1	29.2	3.22	40.7	3.7
	167	168	5500	11510	1176	3663	254	36.0	54.4	3.3	9.0	0.9	1.4	0.1	0.7	0.1	16.5	2.22	32.2	3.9
	168	169	4891	9901	999	3126	224	33.8	55.8	4.2	13.4	1.4	1.9	0.2	0.7	0.1	27.9	1.93	37.2	3.7
	169	170	7271	13942	1420	4106	303	48.3	82.6	6.4	21.4	2.2	3.1	0.2	1.1	0.1	48.3	2.73	53.4	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 %	Th ppm	U ppm
	170	171	5489	10908	1127	3616	277	41.7	64.3	4.3	12.2	1.3	2.1	0.2	0.7	0.1	25.4	2.16	39.1	5.4
	171	172	4785	9618	990	3161	233	33.9	56.4	3.7	10.3	1.1	1.9	0.2	0.9	0.1	24.1	1.89	29.8	4.4
	172	173	5876	11412	1143	3558	259	38.1	60.9	3.9	11.5	1.2	1.9	0.2	0.9	0.1	25.4	2.24	33.9	5.8
	173	174	5266	10724	1084	3464	254	36.4	57.9	3.6	10.4	1.0	2.1	0.1	0.9	0.1	22.9	2.09	33.3	5.8
	174	175	4527	9041	940	2881	193	29.8	51.2	4.0	11.7	1.3	1.7	0.1	0.6	0.1	25.4	1.77	36.9	4.1
	175	176	5817	11756	1232	3616	227	34.7	56.6	4.0	11.4	1.2	1.6	0.1	0.8	0.1	26.7	2.28	39.6	5.2
	176	177	4820	9606	1016	3114	208	31.2	48.3	2.9	8.3	1.0	1.4	0.1	0.7	0.1	20.3	1.89	25.3	4.5
	177	178	4398	9029	948	2893	181	27.3	42.4	2.7	6.9	0.8	1.3	0.2	0.7	0.1	17.8	1.75	24.5	5.0
	178	179	10579	22664	2513	7815	499	70.4	105.8	5.8	14.7	1.6	1.9	0.2	0.6	0.1	27.9	4.43	50.5	5.5
	179	180	5841	11621	1226	3604	233	35.9	59.4	4.2	11.1	1.3	1.7	0.2	0.6	0.1	26.7	2.27	33.2	3.7
KGKRC059	0	1	13839	25059	2489	7127	439	71.6	126.8	10.6	34.9	4.0	6.2	0.5	2.5	0.3	94.0	4.93	108.5	10.4
	1	2	5336	9496	911	2613	166	27.3	46.2	3.4	11.7	1.2	1.9	0.2	1.0	0.1	31.8	1.86	35.6	7.3
	2	3	4891	8844	849	2391	137	21.7	36.3	3.0	9.2	1.2	1.8	0.2	1.0	0.1	30.5	1.72	27.3	7.2
	3	4	10086	20637	2247	7068	479	75.4	120.5	8.3	26.2	3.2	5.0	0.5	2.3	0.3	82.5	4.08	77.9	6.4
	4	5	21345	35992	3395	9529	572	92.1	152.7	10.4	28.8	2.9	4.1	0.3	1.5	0.2	66.0	7.12	116.5	3.7
	5	6	12959	22111	2114	5937	359	58.8	103.4	7.8	21.8	2.4	3.5	0.3	1.5	0.2	57.2	4.37	85.2	2.2
	6	7	16243	28867	2803	8130	472	72.8	118.1	8.4	25.0	3.0	4.2	0.4	1.7	0.2	69.8	5.68	84.8	2.3
	7	8	15012	24322	2217	5960	390	61.7	104.4	7.5	22.6	2.5	3.7	0.3	1.3	0.3	58.4	4.82	81.1	1.6
	8	9	9816	15785	1395	3907	262	41.6	71.6	5.4	14.7	1.6	2.5	0.3	0.9	0.2	39.4	3.13	60.9	1.5
	9	10	20289	30710	2694	7150	457	70.2	117.0	8.9	25.9	2.7	3.5	0.3	1.1	0.2	62.2	6.16	87.6	1.3
	10	11	11787	20023	1879	5225	344	53.5	90.6	6.8	20.4	2.1	3.1	0.3	1.3	0.1	49.5	3.95	69.5	1.5
	11	12	2029	3538	326	960	66	10.3	18.2	1.4	4.4	0.5	0.8	0.1	0.3	0.1	12.7	0.70	17.4	2.6
	12	13	962	1886	188	614	68	15.1	43.3	10.5	60.7	8.6	15.1	1.7	10.4	1.4	242.6	0.41	50.0	9.0
	13	14	25215	45082	4241	12131	772	120.4	204.6	14.9	43.4	4.5	6.3	0.5	2.1	0.3	100.3	8.79	158.5	2.8
	14	15	33073	59946	5703	16446	1011	163.3	272.0	19.4	52.6	5.5	7.4	0.6	2.4	0.3	118.1	11.68	202.0	2.8
	15	16	22694	40906	3927	11372	680	109.3	183.3	13.1	39.6	4.5	6.1	0.5	2.2	0.3	97.8	8.00	125.5	2.9
	16	17	29555	55892	5606	16505	981	149.4	243.2	16.9	51.8	5.8	8.5	0.8	3.3	0.5	134.6	10.92	179.0	3.5
	17	18	29672	54295	5244	15280	918	144.7	235.1	16.2	45.2	4.7	6.2	0.5	1.9	0.3	101.6	10.60	165.0	2.2
	18	19	21462	37589	3600	10486	648	102.4	168.9	11.9	34.6	3.6	5.0	0.4	1.3	0.2	80.0	7.42	96.8	2.0
	19	20	27326	47908	4531	12947	761	120.4	201.1	14.3	40.7	4.4	6.1	0.5	1.9	0.2	95.2	9.40	122.5	1.9
	20	21	22987	37589	3455	9693	567	91.6	154.5	11.6	32.8	3.5	4.7	0.4	1.4	0.2	74.9	7.47	97.3	1.4
	21	22	18413	30096	2743	7605	446	72.1	122.2	8.9	24.7	2.7	3.9	0.3	1.0	0.2	55.9	5.96	83.3	1.2
	22	23	17416	27885	2477	6613	357	57.1	98.4	7.5	21.8	2.3	3.4	0.3	1.3	0.1	53.3	5.50	75.2	1.1
	23	24	14543	23462	2132	5529	324	53.5	93.7	7.4	21.9	2.5	3.7	0.3	1.6	0.2	57.2	4.62	75.3	1.1
	24	25	12725	21558	2018	5237	322	54.0	87.6	7.4	22.5	2.3	3.7	0.3	1.4	0.2	50.8	4.21	72.7	1.2
	25	26	7436	13205	1269	3453	237	41.1	69.9	6.7	23.4	2.2	3.7	0.3	1.4	0.2	53.3	2.58	73.3	1.8
	26	27	21345	35501	3202	8643	504	84.6	131.4	10.0	29.4	2.6	4.2	0.3	1.6	0.2	58.4	6.95	102.0	1.2
	27	28	13135	21988	2078	5342	332	56.9	90.9	7.5	21.9	2.0	3.4	0.2	1.0	0.1	45.7	4.31	77.0	1.3
	28	29	13722	23954	2314	6089	378	67.2	109.5	10.1	35.6	3.6	6.1	0.5	2.1	0.3	83.8	4.68	97.7	2.1
	29	30	12021	20699	1915	4911	300	50.4	83.8	7.5	23.5	2.3	3.1	0.2	1.1	0.1	50.8	4.01	77.3	1.0
	30	31	12608	21681	2012	5179	300	47.0	72.4	5.8	17.2	1.7	2.5	0.2	0.9	0.1	36.8	4.20	55.4	1.3
	31	32	8163	15048	1480	4024	254	43.0	65.8	5.3	16.9	1.7	2.9	0.2	1.0	0.2	39.4	2.91	54.9	6.2
	32	33	16126	30219	2960	8503	538	90.6	141.8	12.3	41.4	4.2	7.0	0.6	3.2	0.3	100.3	5.87	139.0	10.3
	33	34	17475	32184	3153	9110	561	93.4	141.2	10.8	35.1	3.5	6.2	0.5	2.2	0.3	85.1	6.29	120.5	5.3
	34	35	11212	18979	1776	4596	269	45.7	73.0	6.7	23.8	2.4	3.8	0.3	1.7	0.2	54.6	3.70	70.5	3.6

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 %	Th ppm	U ppm
	35	36	8245	14127	1317	3488	206	34.4	54.3	4.8	16.6	1.7	2.9	0.2	0.9	0.1	38.1	2.75	49.5	4.8
	36	37	9206	16399	1547	4117	266	44.0	67.7	5.3	15.6	1.4	2.2	0.2	0.7	0.1	30.5	3.17	66.0	4.4
	37	38	13135	23401	2217	5925	375	61.6	95.7	7.6	24.5	2.3	3.7	0.3	1.6	0.2	54.6	4.53	73.0	2.0
	38	39	11845	21251	2042	5459	344	58.6	93.0	8.5	28.6	2.9	4.8	0.4	2.3	0.3	66.0	4.12	92.4	2.6
	39	40	8092	15109	1510	4222	285	46.1	72.6	5.3	16.1	1.4	2.4	0.2	0.8	0.1	33.0	2.94	57.7	0.9
	40	41	35419	66456	6041	18371	1157	189.3	288.2	20.2	62.6	6.1	10.4	0.7	3.2	0.4	135.9	12.82	251.0	3.5
	41	42	32604	61666	6017	17729	1146	189.3	285.8	19.8	62.3	6.1	10.1	0.8	3.2	0.5	137.2	11.99	236.0	3.9
	42	43	30610	57366	5534	15921	1019	169.1	257.0	18.6	56.7	5.4	9.6	0.7	3.1	0.4	123.2	11.11	210.0	4.1
	43	44	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	44	45	18472	33044	3190	8865	536	90.0	140.6	11.7	41.0	3.9	6.2	0.5	2.5	0.3	90.2	6.45	130.5	12.4
	45	46	18472	33412	3202	9226	529	86.2	131.4	10.1	35.8	3.6	5.6	0.5	2.4	0.3	78.7	6.52	111.0	12.6
	46	47	6357	12124	1166	3418	212	32.3	46.3	3.6	10.7	1.1	2.2	0.2	1.0	0.1	25.4	2.34	30.2	5.8
	47	48	5641	10945	1064	3138	195	29.5	42.0	3.0	10.4	1.1	1.8	0.2	0.8	0.2	24.1	2.11	26.0	5.1
	48	49	7553	14864	1553	4351	288	45.7	72.2	6.2	20.2	2.0	3.3	0.3	1.3	0.2	44.5	2.88	67.8	5.6
KGKRC060	0	1	14191	26533	2634	8211	616	107.8	176.9	12.4	37.4	4.0	6.6	0.6	3.3	0.5	91.4	5.26	111.0	7.3
	1	2	10321	21681	2320	7593	626	109.0	186.1	12.7	38.8	4.2	6.6	0.7	4.2	0.6	99.1	4.30	121.0	8.1
	2	3	10872	21988	2314	7640	639	111.4	187.3	12.1	36.4	3.9	6.4	0.7	3.4	0.5	91.4	4.39	120.5	7.7
	3	4	5993	12407	1293	4257	326	55.6	86.7	5.6	16.8	1.9	3.2	0.3	1.6	0.2	41.9	2.45	58.5	5.6
	4	5	5923	12530	1323	4386	332	53.6	87.1	5.5	15.6	1.7	2.5	0.2	1.1	0.2	35.6	2.47	54.1	5.2
	5	6	6075	12087	1238	3966	277	45.0	73.3	4.9	15.8	1.7	3.1	0.3	1.6	0.2	43.2	2.38	44.3	6.2
	6	7	6474	13144	1359	4467	354	57.9	91.6	5.6	16.0	1.6	2.6	0.3	1.1	0.2	36.8	2.60	64.2	3.3
	7	8	6474	13082	1341	4432	349	60.7	94.5	5.8	17.0	1.7	2.9	0.2	1.0	0.2	40.6	2.59	62.2	3.0
	8	9	4210	8513	875	2823	201	32.1	49.9	3.1	9.3	1.0	2.1	0.2	1.3	0.2	24.1	1.67	29.4	5.2
	9	10	4539	9188	935	3044	223	37.6	59.8	4.0	11.9	1.4	2.5	0.3	1.3	0.2	34.3	1.81	33.2	8.7
	10	11	4187	8881	950	3254	289	51.0	82.2	5.1	14.5	1.6	2.7	0.2	1.4	0.2	35.6	1.78	52.2	6.5
	11	12	6157	12001	1180	3709	249	39.7	63.4	4.3	14.2	1.4	2.4	0.2	0.9	0.1	33.0	2.35	38.9	1.7
	12	13	5618	11584	1202	3907	285	45.9	72.5	4.8	14.1	1.5	2.5	0.2	1.0	0.2	33.0	2.28	48.6	3.8
	13	14	5418	10417	1031	3208	221	36.1	58.3	4.0	12.5	1.5	2.4	0.2	1.3	0.1	31.8	2.04	38.3	6.0
	14	15	8221	17320	1867	6077	463	75.4	120.5	7.3	21.1	2.1	3.2	0.3	1.1	0.2	45.7	3.42	71.6	5.5
	15	16	6192	14188	1649	6135	597	104.6	168.3	9.9	23.9	2.2	3.2	0.3	1.3	0.2	48.3	2.91	139.5	6.2
	16	17	7541	15048	1504	4712	328	53.7	84.4	5.4	16.2	1.8	2.7	0.2	1.5	0.2	39.4	2.93	53.7	6.0
	17	18	4011	7886	794	2531	196	29.9	49.5	3.4	11.5	1.3	2.4	0.2	1.0	0.2	27.9	1.55	32.7	6.7
	18	19	7600	14618	1395	4082	260	38.7	62.2	4.0	13.3	1.5	2.4	0.2	1.0	0.2	35.6	2.81	34.7	4.0
	19	20	7201	13881	1383	4421	363	59.6	101.0	6.8	19.1	1.9	2.6	0.2	0.9	0.1	40.6	2.75	74.9	4.3
	20	21	6556	12591	1244	3896	298	45.9	76.2	5.2	15.6	1.7	2.6	0.2	1.1	0.1	40.6	2.48	48.1	4.6
	21	22	4633	9287	956	3126	274	43.4	73.3	4.9	15.6	1.8	2.7	0.2	1.1	0.2	38.1	1.85	49.0	3.2
	22	23	9230	16829	1565	4561	313	47.6	79.9	5.6	18.8	2.0	3.1	0.3	1.1	0.2	43.2	3.27	61.8	4.4
	23	24	14250	25305	2398	6765	463	75.0	136.0	9.6	32.3	3.4	5.4	0.5	1.7	0.3	81.3	4.95	93.4	7.8
	24	25	8303	15662	1498	4491	305	47.0	80.6	5.8	19.5	2.1	3.4	0.3	1.3	0.2	49.5	3.05	51.8	5.1
	25	26	5102	9741	950	2893	215	31.8	54.6	3.5	10.8	1.2	1.9	0.2	1.1	0.1	26.7	1.90	31.7	4.9
	26	27	3425	7260	752	2484	209	36.6	61.8	4.0	11.5	1.1	2.2	0.2	1.1	0.2	26.7	1.43	37.5	5.3
	27	28	6028	11756	1168	3616	279	43.9	74.9	5.3	18.1	1.8	3.0	0.3	1.1	0.2	43.2	2.30	49.9	3.7
	28	29	9347	19409	2060	6380	514	79.9	132.0	8.1	24.2	2.5	3.8	0.3	1.5	0.2	54.6	3.80	81.6	4.8
	29	30	14777	28376	2755	8410	573	101.7	166.6	11.4	34.3	3.4	5.4	0.4	1.9	0.2	77.5	5.53	102.0	7.1
	30	31	11904	22848	2265	6532	407	64.6	102.1	6.9	22.2	2.2	3.5	0.3	1.3	0.2	53.3	4.42	60.0	5.2

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 %	Th ppm	U ppm
	31	32	5266	10220	993	3056	205	32.8	53.3	3.5	12.2	1.5	2.3	0.2	1.0	0.2	34.3	1.99	30.7	6.7
	32	33	5278	10613	1075	3371	249	38.8	64.0	4.3	13.4	1.6	2.6	0.3	1.4	0.1	36.8	2.07	41.7	6.5
	33	34	2838	7137	832	2974	296	48.3	83.0	5.4	17.0	2.0	3.8	0.5	2.4	0.3	53.3	1.43	60.1	2.8
	34	35	4949	10503	1122	3744	325	51.9	89.0	5.7	18.5	1.9	3.1	0.2	1.3	0.2	44.5	2.09	54.7	4.4
	35	36	2791	6019	644	2158	187	28.6	48.1	3.0	9.8	1.0	1.7	0.2	1.1	0.2	22.9	1.19	28.9	4.1
	36	37	4703	11129	1257	4374	382	56.6	92.2	5.2	14.9	1.5	2.3	0.2	0.9	0.2	31.8	2.21	52.7	3.1
	37	38	10626	22357	2332	7197	524	77.0	123.3	7.2	20.4	2.1	3.5	0.3	1.7	0.2	47.0	4.33	60.9	3.8
	38	39	7013	14495	1468	4642	328	46.0	74.0	4.2	12.2	1.5	2.6	0.2	1.4	0.2	30.5	2.81	34.7	4.0
	39	40	5231	12530	1504	4899	356	54.2	87.1	4.7	13.1	1.4	2.5	0.2	1.1	0.2	29.2	2.47	38.1	2.5
	40	41	4926	10540	1104	3593	270	39.3	60.7	3.5	9.6	1.1	2.1	0.2	1.0	0.2	24.1	2.06	30.1	5.4
	41	42	9723	18917	1915	5867	452	67.7	107.8	6.8	18.8	2.0	3.1	0.3	1.3	0.2	41.9	3.71	58.4	4.1
	42	43	5583	12468	1329	4327	327	47.2	75.5	4.4	12.4	1.4	2.4	0.3	1.3	0.1	34.3	2.42	39.8	7.0
	43	44	5747	13205	1444	4759	358	50.4	77.0	4.0	11.9	1.4	2.2	0.2	1.0	0.2	29.2	2.57	38.2	6.3
	44	45	6638	14188	1468	4689	341	50.1	77.0	4.4	12.6	1.4	2.3	0.2	0.9	0.2	31.8	2.75	38.3	4.9
	45	46	5196	10994	1135	3616	261	37.8	58.0	3.5	10.0	1.1	1.9	0.2	1.3	0.2	25.4	2.13	28.0	5.3
	46	47	14132	28130	2876	8608	631	92.2	145.8	9.0	25.7	2.6	3.9	0.4	1.6	0.2	55.9	5.47	81.9	5.3
	47	48	14719	27762	2888	8515	602	94.5	151.6	9.4	25.7	2.5	3.9	0.4	1.5	0.2	52.1	5.48	89.1	3.5
	48	49	13839	26288	2658	7838	538	84.5	133.7	8.3	23.1	2.3	3.7	0.3	1.4	0.2	49.5	5.15	84.4	4.6
	49	50	10145	20084	2139	6579	479	75.5	117.6	7.4	20.2	2.1	3.4	0.3	1.5	0.2	49.5	3.97	68.7	5.7
	50	51	17475	35992	3951	13239	1026	166.2	261.6	15.2	39.5	3.9	6.2	0.5	1.9	0.2	82.5	7.23	153.0	9.1
	51	52	11963	25059	2791	9238	765	121.0	189.6	10.9	27.8	2.8	4.0	0.3	1.6	0.2	55.9	5.02	107.5	7.0
	52	53	4820	9987	1077	3441	247	38.8	57.4	3.5	10.0	1.1	2.1	0.2	1.3	0.1	25.4	1.97	26.3	7.6
	53	54	5383	11449	1244	4012	292	45.5	71.7	4.3	11.3	1.1	2.1	0.2	0.7	0.1	24.1	2.25	33.4	4.8
	54	55	6814	14557	1571	5086	378	57.2	91.2	5.3	14.9	1.6	2.3	0.2	1.0	0.2	33.0	2.86	44.1	5.8
	55	56	7178	15048	1619	5237	404	65.5	106.0	6.8	18.5	2.1	3.2	0.2	1.4	0.2	39.4	2.97	65.6	10.3
	56	57	4867	9324	947	2939	220	37.4	67.7	5.1	17.9	2.3	4.4	0.5	2.7	0.4	54.6	1.85	35.5	17.5
	57	58	2181	4471	476	1575	150	29.4	60.4	5.8	23.1	3.4	7.3	0.7	4.6	0.6	87.6	0.91	30.2	33.3
	58	59	4093	8046	837	2671	210	34.7	64.9	4.7	16.3	2.1	4.4	0.5	2.7	0.4	52.1	1.60	32.9	14.2
	59	60	6650	13451	1426	4537	315	47.8	76.1	4.5	13.0	1.5	2.9	0.3	1.6	0.3	34.3	2.66	36.6	8.8
	60	61	2187	4582	487	1580	139	26.4	52.8	4.9	18.6	2.6	5.6	0.6	3.3	0.4	69.8	0.92	29.5	17.0
	61	62	3342	6437	663	2140	168	30.7	56.4	4.8	16.8	2.3	4.9	0.6	3.1	0.3	61.0	1.29	27.4	14.0
	62	63	4808	9496	981	3103	235	39.5	69.9	5.0	15.7	1.9	3.8	0.4	2.2	0.3	44.5	1.88	39.7	8.2
	63	64	5266	10429	1080	3418	267	46.2	82.9	6.0	19.1	2.4	4.4	0.5	2.7	0.3	57.2	2.07	48.3	8.7
	64	65	5301	9901	996	3091	238	39.1	71.2	5.2	18.7	2.3	4.5	0.5	2.9	0.3	59.7	1.97	37.9	10.8
	65	66	2991	5552	559	1796	162	30.8	62.5	6.0	24.2	3.6	8.0	0.8	4.9	0.6	96.5	1.13	34.4	12.3
	66	67	3460	6511	652	2053	165	30.9	59.9	5.5	21.6	3.0	6.5	0.7	4.1	0.5	80.0	1.31	30.3	12.6
	67	68	2305	4717	505	1662	147	28.5	60.4	5.4	21.5	3.1	7.0	0.7	4.1	0.5	77.5	0.95	33.0	16.5
	68	69	5676	11498	1214	3861	286	46.1	79.8	5.6	17.2	2.3	3.9	0.4	1.8	0.3	48.3	2.27	41.6	12.3
	69	70	2756	5687	609	2035	181	32.4	64.0	5.4	20.1	2.8	6.0	0.6	3.3	0.4	69.8	1.15	30.7	18.4
	70	71	5336	10269	1049	3266	239	38.6	65.1	4.8	14.7	1.8	3.7	0.3	1.8	0.2	43.2	2.03	29.2	11.1
	71	72	6579	12591	1269	3931	270	43.4	73.4	4.9	15.8	1.7	3.3	0.4	1.7	0.2	40.6	2.48	36.6	10.6
	72	73	4386	8365	870	2741	204	34.0	56.8	3.9	13.1	1.5	3.0	0.3	1.7	0.2	38.1	1.67	30.5	9.5
	73	74	6708	13144	1359	4199	285	43.0	67.5	4.5	12.6	1.4	2.3	0.2	1.1	0.2	30.5	2.59	30.1	5.6
	74	75	3765	7739	818	2636	191	30.1	49.1	3.2	9.3	1.1	2.1	0.2	1.3	0.2	21.6	1.53	22.5	2.0
	75	76	3366	7198	785	2566	197	30.8	48.9	2.9	8.5	0.9	1.8	0.2	0.9	0.2	20.3	1.42	21.0	3.8

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 %	Th ppm	U ppm
	76	77	1525	3255	352	1190	122	25.2	53.4	5.9	25.1	3.9	9.2	1.1	6.2	0.8	114.3	0.67	32.9	7.3
	77	78	1472	3452	369	1330	145	27.3	60.3	6.1	24.3	3.6	8.2	0.9	5.5	0.6	104.1	0.70	36.4	8.6
	78	79	3905	9102	1023	3697	344	54.2	94.1	5.8	16.8	1.9	3.7	0.4	2.1	0.3	44.5	1.83	49.9	12.3
	79	80	3202	7174	774	2706	216	33.0	56.4	3.9	12.9	1.5	3.3	0.3	2.1	0.3	35.6	1.42	31.1	17.5
	80	81	4773	10577	1144	3872	282	39.7	64.8	3.8	11.7	1.2	2.3	0.2	1.3	0.2	27.9	2.08	32.5	3.7
	81	82	3084	6879	737	2566	217	35.6	64.1	5.2	19.2	2.4	4.8	0.5	3.2	0.3	59.7	1.37	43.3	11.7
	82	83	5864	12530	1335	4561	350	49.7	80.3	4.9	13.7	1.4	2.3	0.2	1.3	0.2	30.5	2.48	47.6	4.0
	83	84	2756	6314	686	2391	179	26.4	41.8	2.6	7.7	0.9	1.9	0.2	1.3	0.2	20.3	1.24	19.4	3.9
	84	85	3167	7653	859	2974	215	30.9	47.8	2.9	9.0	0.9	1.8	0.2	1.0	0.2	21.6	1.50	22.2	5.7
	85	86	4797	11350	1250	4432	335	47.6	76.8	4.6	12.7	1.3	2.4	0.2	1.4	0.2	30.5	2.23	37.0	9.3
	86	87	10215	19286	1945	5727	437	72.1	130.8	9.4	26.4	2.6	4.9	0.4	2.1	0.2	57.2	3.79	88.2	11.4
	87	88	2486	5896	642	2304	191	27.7	44.8	2.7	9.1	1.0	2.1	0.2	1.1	0.2	24.1	1.16	21.5	7.5
	88	89	1783	4127	454	1639	164	28.1	54.4	4.3	15.0	2.0	4.6	0.5	3.3	0.4	54.6	0.83	32.3	8.3
	89	90	1777	4177	464	1709	173	31.0	65.2	5.9	24.3	3.5	7.7	0.9	4.7	0.6	92.7	0.85	37.4	9.9
	90	91	1343	3268	355	1324	151	30.5	70.1	7.4	31.1	4.6	11.0	1.1	7.1	0.8	128.3	0.67	39.3	11.5
	91	92	1865	4607	515	1849	166	27.8	52.6	4.3	14.9	1.9	4.1	0.4	2.7	0.3	49.5	0.92	30.1	8.5
	92	93	1249	2997	321	1172	144	30.6	72.0	7.9	34.3	5.0	11.0	1.3	7.1	0.9	143.5	0.62	41.5	12.2
	93	94	1190	2776	292	1074	141	31.5	79.2	8.9	40.2	5.7	13.2	1.4	8.1	0.9	163.8	0.58	48.8	13.0
	94	95	1800	4189	464	1685	181	34.3	74.7	7.3	29.7	4.2	9.7	1.0	5.4	0.7	115.6	0.86	42.9	11.2
	95	96	2533	6339	712	2578	232	36.5	64.9	4.5	14.0	1.7	3.3	0.4	2.2	0.3	43.2	1.26	31.6	6.4
	96	97	975	2531	289	1096	130	24.9	55.1	5.4	23.0	3.3	7.1	0.8	4.9	0.6	92.7	0.52	33.3	7.7
	97	98	1343	3759	439	1633	156	26.5	53.5	4.5	17.5	2.3	5.5	0.6	3.9	0.5	66.0	0.75	28.2	8.8
	98	99	1156	2936	324	1178	120	22.7	48.0	4.7	20.3	2.9	6.5	0.7	3.9	0.5	80.0	0.59	25.1	12.4
	99	100	868	2223	243	907	105	21.3	47.0	4.7	19.9	2.7	6.3	0.7	4.1	0.5	77.5	0.45	23.9	11.9
	100	101	1051	2727	308	1161	124	22.2	48.1	4.6	20.0	2.7	6.2	0.7	4.0	0.6	77.5	0.56	32.0	11.4
	101	102	864	2064	225	855	114	26.3	65.0	7.3	31.1	4.8	10.6	1.1	6.4	0.7	133.3	0.44	38.9	11.7
	102	103	1753	4484	523	1977	208	38.1	77.0	6.9	28.1	4.0	9.2	1.0	6.2	0.9	113.0	0.92	34.3	12.5
	103	104	1151	2874	324	1231	148	30.8	73.3	8.1	34.9	5.1	11.9	1.5	8.4	1.2	146.0	0.60	43.7	8.5
	104	105	1583	4115	459	1668	157	27.4	53.6	4.8	17.9	2.4	5.5	0.6	3.6	0.5	63.5	0.82	36.0	8.9
	105	106	1882	4889	573	2175	204	35.2	64.1	4.6	15.4	1.7	3.0	0.3	1.8	0.2	41.9	0.99	41.2	6.2
	106	107	1196	3157	361	1394	162	33.1	74.8	7.5	30.9	4.3	10.3	1.1	6.6	0.7	120.6	0.66	45.6	10.8
	107	108	1601	4164	475	1767	174	32.7	66.3	5.8	20.8	3.1	6.1	0.7	3.5	0.5	69.8	0.84	38.1	9.3
	108	109	1425	3771	422	1586	168	34.6	78.3	8.0	35.0	4.8	10.6	1.1	6.5	0.8	124.5	0.77	46.5	14.2
	109	110	1044	2555	275	1043	135	30.7	76.1	8.3	35.5	4.9	11.6	1.3	7.0	0.8	133.3	0.54	48.6	10.1
	110	111	965	2359	253	938	116	26.1	64.3	7.1	31.5	4.5	10.8	1.3	6.4	0.9	121.9	0.49	37.2	10.7
	111	112	972	2309	249	932	116	25.7	65.8	7.1	30.4	4.3	9.7	1.0	5.9	0.7	120.6	0.48	38.6	8.6
	112	113	921	2125	219	816	103	24.1	62.5	7.2	32.1	4.5	10.8	1.1	6.3	0.8	120.6	0.45	38.7	8.9
	113	114	1054	2702	297	1102	129	28.0	64.8	6.6	26.9	3.9	8.9	0.9	4.7	0.6	101.6	0.55	38.2	8.3
	114	115	1007	2340	248	918	116	26.6	65.4	6.8	31.2	4.4	10.0	1.1	5.6	0.7	115.6	0.49	38.2	11.9
	115	116	1043	2494	272	1028	130	30.3	75.7	8.3	36.2	5.0	11.7	1.2	6.8	0.8	132.1	0.53	48.2	9.8
	116	117	999	2383	255	956	123	30.2	75.0	8.5	37.4	5.4	12.1	1.2	6.7	0.7	137.2	0.50	43.3	8.0
	117	118	916	2101	221	827	114	27.4	72.0	8.1	36.2	5.3	12.0	1.2	6.5	0.8	141.0	0.45	37.5	10.4
	118	119	1080	2653	288	1092	139	30.6	72.5	8.1	34.6	5.0	11.6	1.2	7.1	0.9	132.1	0.56	38.2	12.9
	119	120	6415	15171	1758	5727	470	77.2	138.3	9.1	26.9	2.7	5.3	0.5	2.7	0.3	62.2	2.99	103.0	7.7
	120	121	5336	13021	1450	5121	412	66.5	112.5	7.2	19.3	1.8	3.5	0.3	1.5	0.2	39.4	2.56	77.5	6.0

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 %	Th ppm	U ppm
	121	122	2604	6326	712	2566	242	45.6	95.4	8.4	33.2	4.4	9.6	1.0	6.0	0.7	113.0	1.28	53.4	11.2
	122	123	1660	4103	453	1674	179	36.7	83.2	8.7	37.2	5.0	12.0	1.2	7.3	0.9	141.0	0.84	45.6	12.0
	123	124	1243	3022	333	1271	162	34.5	82.6	8.9	38.8	5.5	13.0	1.4	7.5	1.0	151.1	0.64	51.4	13.2
	124	125	1349	3440	383	1429	155	32.4	72.5	7.6	31.7	4.6	10.5	1.1	6.5	0.8	118.1	0.70	45.2	12.2
	125	126	1407	3783	435	1633	170	33.2	64.4	5.5	20.4	2.9	6.6	0.7	3.9	0.5	72.4	0.76	37.7	9.6
	126	127	1149	2580	275	1005	122	29.1	73.0	8.1	36.6	5.2	12.5	1.4	7.3	0.9	141.0	0.54	33.3	13.6
	127	128	1119	2616	278	1028	122	28.6	70.9	7.7	34.7	5.0	11.1	1.2	6.5	0.8	127.0	0.55	42.3	12.0
	128	129	1131	2702	285	1053	135	30.9	77.3	8.8	36.0	5.4	12.0	1.2	6.5	0.8	134.6	0.56	49.1	9.7
	129	130	950	2168	228	863	110	25.2	64.8	7.2	31.7	4.5	10.4	1.0	6.0	0.7	116.8	0.46	42.3	8.3
	130	131	943	2217	233	885	117	27.4	68.7	7.6	34.8	5.1	11.1	1.2	6.4	0.8	130.8	0.47	45.1	8.4
	131	132	1017	2383	251	951	125	28.7	73.5	8.0	35.1	5.3	12.0	1.2	6.7	0.8	134.6	0.50	42.8	9.2
	132	133	1019	2420	254	938	125	31.2	76.5	9.0	39.4	5.6	12.9	1.3	6.8	0.8	139.7	0.51	46.5	7.4
	133	134	814	1935	204	770	101	23.3	58.2	6.4	28.6	4.1	9.6	1.0	5.2	0.8	107.9	0.41	39.3	7.6
	134	135	835	1959	212	814	114	27.0	67.5	7.7	33.4	4.9	11.4	1.1	6.7	0.8	130.8	0.42	40.9	9.9
	135	136	996	2340	244	913	119	28.6	72.7	8.0	35.6	5.1	11.3	1.1	6.5	0.9	134.6	0.49	43.0	9.1
	136	137	1853	4373	523	1855	216	44.4	94.9	9.3	38.2	5.5	12.4	1.4	6.7	0.9	148.6	0.92	57.2	15.0
	137	138	1929	3931	424	1400	149	31.4	65.9	6.4	26.7	4.1	8.6	1.0	5.2	0.7	100.3	0.81	41.8	9.0
	138	139	1671	3673	414	1388	151	32.3	71.1	7.1	30.9	4.7	10.1	1.2	5.9	0.8	118.1	0.76	56.3	9.7
	139	140	2815	6805	797	2624	215	36.5	62.0	4.0	12.6	1.4	2.4	0.2	1.4	0.2	29.2	1.34	35.9	5.9
	140	141	969	2260	254	892	112	26.1	62.5	6.7	29.6	4.6	10.0	1.2	5.6	0.7	118.1	0.48	34.6	10.8
	141	142	855	1953	225	806	115	28.1	69.6	7.7	35.8	5.3	11.6	1.3	6.4	1.0	139.7	0.43	44.9	10.4
	142	143	5371	11178	1238	3721	302	52.7	95.7	7.1	25.4	3.1	5.6	0.6	3.1	0.4	69.8	2.21	62.5	13.3
	143	144	1037	2395	272	975	136	33.1	80.8	9.0	40.3	6.3	13.7	1.5	7.7	1.1	163.8	0.52	49.6	11.8
	144	145	2088	3906	404	1306	149	35.0	82.9	8.9	40.5	6.3	14.0	1.5	7.5	1.1	165.1	0.82	47.8	16.6
	145	146	1759	4078	472	1610	155	30.0	56.7	4.7	19.1	2.8	6.1	0.8	3.8	0.6	67.3	0.83	28.0	12.9
	146	147	3788	8316	923	2893	237	41.9	74.7	5.5	17.9	2.1	3.5	0.4	1.8	0.3	45.7	1.64	38.9	9.9
	147	148	1548	3415	373	1242	125	25.6	54.4	5.1	22.0	3.2	7.4	0.8	5.0	0.7	87.6	0.69	27.5	14.6
	148	149	1037	2445	274	963	121	28.6	68.0	7.1	32.1	4.8	10.5	1.1	5.5	0.8	120.6	0.51	37.4	13.2
	149	150	768	1972	244	935	142	32.3	72.0	7.0	29.7	4.3	9.2	1.0	4.9	0.7	111.8	0.43	44.5	7.6
	150	151	968	2285	257	898	118	29.1	71.5	7.7	34.9	5.4	11.3	1.3	6.4	0.9	137.2	0.48	44.3	8.7
	151	152	983	2266	255	898	120	29.6	71.1	7.8	35.5	5.2	11.6	1.3	6.7	0.9	139.7	0.48	44.8	10.8
	152	153	862	1978	224	780	109	26.6	64.7	7.1	31.9	5.1	10.2	1.2	5.9	0.9	125.7	0.42	41.5	11.6
	153	154	1012	2279	254	889	126	31.7	74.8	8.5	38.9	5.9	12.8	1.4	7.3	1.0	154.9	0.49	37.9	16.1
	154	155	983	2242	245	868	121	29.6	72.5	8.1	37.1	5.6	12.1	1.4	6.8	0.9	147.3	0.48	35.5	15.2
	155	156	858	2076	239	861	113	25.9	59.9	6.4	28.7	4.4	9.3	1.1	6.0	0.8	113.0	0.44	30.8	15.8
	156	157	1583	3255	360	1178	130	29.8	67.3	6.7	29.5	4.6	9.4	1.1	5.2	0.8	111.8	0.68	36.6	15.1
	158	159	7893	14557	1474	4292	278	44.0	74.0	4.8	13.9	1.3	2.2	0.2	1.0	0.1	27.9	2.87	49.5	4.3
	159	160	12256	21251	2042	5972	401	65.3	117.0	7.5	21.4	2.0	3.3	0.2	1.3	0.2	41.9	4.22	68.9	3.7
	160	161	15129	26411	2561	7698	463	73.4	122.8	7.5	19.6	1.8	3.0	0.2	0.9	0.1	36.8	5.25	83.3	1.5
	161	162	7002	12960	1293	3826	248	40.3	73.9	5.3	16.6	1.7	2.9	0.2	1.4	0.2	39.4	2.55	57.6	4.4
	162	163	8866	15539	1456	4094	226	34.5	58.7	4.4	11.7	1.3	2.2	0.2	0.9	0.2	27.9	3.03	41.8	3.5
	163	164	11681	22480	2223	6590	333	49.4	77.3	4.7	13.7	1.4	2.6	0.2	1.3	0.1	30.5	4.35	54.8	5.6
	164	165	6533	12530	1263	3686	220	32.4	52.6	3.4	10.6	1.2	2.1	0.2	1.1	0.1	26.7	2.44	44.7	8.2
	165	166	10837	21067	2102	6159	349	52.9	88.8	5.8	15.7	1.6	2.6	0.2	1.3	0.2	35.6	4.07	64.6	4.1
	166	167	5442	10773	1032	3231	184	26.3	40.7	2.5	7.0	0.8	1.6	0.1	0.8	0.1	17.8	2.08	28.9	6.4

Hole ID	From m	To m	La_2O_3 ppm	CeO_2 ppm	Pr_2O_3 ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO %	Th ppm	U ppm
	167	168	4093	7972	790	2496	143	21.2	32.6	2.1	6.3	0.7	1.3	0.1	0.8	0.1	15.2	1.56	22.5	5.3
	168	169	5934	11547	1125	3418	197	28.6	45.3	3.2	9.4	1.0	2.1	0.2	1.3	0.2	25.4	2.23	33.1	5.8
	169	170	3249	6289	610	1948	118	17.4	28.5	2.1	6.8	0.9	2.1	0.2	1.4	0.2	22.9	1.23	19.2	4.0
	170	171	4070	7972	789	2519	152	22.0	34.7	2.2	6.1	0.7	1.5	0.2	0.9	0.1	15.2	1.56	23.6	8.1
	171	172	5278	10589	1046	3301	194	28.3	44.6	2.8	7.9	0.9	1.6	0.2	0.9	0.1	19.1	2.05	22.8	9.3
	172	173	4234	8587	865	2858	178	26.3	41.6	2.5	7.1	0.8	1.5	0.1	1.0	0.1	17.8	1.68	28.7	23.3
	173	174	2228	4619	469	1557	99	15.1	24.1	1.6	4.3	0.5	0.9	0.1	0.7	0.1	11.4	0.90	18.0	24.4
	174	175	1812	3808	376	1225	76	11.4	19.8	1.4	5.2	0.7	1.7	0.2	1.5	0.2	17.8	0.74	22.2	20.9
KGKRC061	0	1	6837	12345	1232	3558	208	35.6	56.0	5.0	17.0	1.8	2.9	0.3	1.3	0.2	39.4	2.43	47.6	6.1
	1	2	5805	10319	965	2916	184	30.9	48.5	4.2	15.4	1.6	2.3	0.2	1.0	0.2	35.6	2.03	39.2	4.1
	2	3	5160	9213	841	2496	148	25.0	40.3	3.2	11.1	1.1	1.9	0.2	1.0	0.2	26.7	1.80	37.0	14.9
	3	4	26153	42994	3818	10918	586	102.8	161.4	12.2	37.4	3.5	5.3	0.4	1.7	0.2	80.0	8.49	116.5	2.5
	4	5	8855	16768	1746	5295	358	60.3	95.2	7.8	25.8	2.4	4.5	0.4	1.8	0.3	67.3	3.33	92.1	2.7
	5	6	10731	19040	1861	5354	333	56.9	92.6	7.6	25.5	2.6	4.6	0.4	1.9	0.3	64.8	3.76	73.9	3.5
	6	7	16302	26288	2398	7045	411	71.4	108.7	8.5	28.8	2.9	5.0	0.4	2.1	0.3	76.2	5.27	93.6	2.4
	7	8	16302	24568	2120	5680	438	55.9	93.4	7.8	23.8	2.4	4.0	0.3	1.6	0.2	62.2	4.94	74.4	1.6
	8	9	9206	14557	1353	3697	233	40.8	66.6	5.4	17.0	1.5	2.3	0.2	0.9	0.1	38.1	2.92	52.5	1.2
	9	10	32956	56998	5413	16738	1059	187.6	289.3	20.5	62.4	5.3	8.5	0.6	2.6	0.3	119.4	11.39	222.0	3.7
	10	11	42104	74318	7008	21170	1392	229.8	352.7	25.6	114.8	6.2	9.0	0.6	2.4	0.3	133.3	14.69	273.0	3.6
	11	12	21814	40169	3963	12714	802	141.3	212.1	15.4	44.8	3.9	5.7	0.5	1.9	0.3	87.6	8.00	153.5	3.9
	12	13	43276	77021	7249	21345	1305	218.8	325.0	23.8	114.8	5.8	8.8	0.6	2.7	0.4	129.5	15.10	257.0	3.0
	13	14	29555	55032	5413	16680	1027	181.8	287.0	22.9	72.9	6.7	10.1	0.8	4.1	0.5	151.1	10.84	216.0	4.0
	14	15	16947	29727	2839	8865	537	95.5	151.0	11.5	36.7	3.4	5.4	0.4	1.8	0.3	76.2	5.93	128.5	3.1
	15	16	16947	29973	2996	9005	584	103.8	170.6	14.1	44.0	4.2	6.4	0.5	2.1	0.3	97.8	5.99	151.5	3.1
	16	17	22870	41888	4120	13005	821	141.8	210.9	16.1	51.4	4.9	7.3	0.5	2.7	0.4	113.0	8.33	174.5	2.9
	17	18	16302	29236	2815	8818	559	98.5	148.7	11.4	34.1	2.9	4.5	0.3	1.3	0.1	63.5	5.81	118.5	2.1
	18	19	19820	33412	3165	9401	551	95.5	145.8	10.9	33.5	2.9	4.1	0.3	1.1	0.2	61.0	6.67	109.5	1.6
	19	20	24277	39063	3407	9541	576	100.4	168.3	12.1	36.7	3.6	4.8	0.3	1.1	0.2	77.5	7.73	122.0	1.4
	20	21	14660	23831	2114	5575	348	61.1	106.9	8.2	25.4	2.5	3.7	0.3	1.1	0.2	57.2	4.68	75.7	1.2
	21	22	15070	25059	2211	6007	339	56.2	95.3	7.1	21.6	2.2	3.0	0.2	0.8	0.1	48.3	4.89	71.5	0.8
	22	23	14484	24568	2223	6124	358	59.6	100.3	7.5	23.1	2.3	3.2	0.2	0.9	0.1	48.3	4.80	71.7	0.9
	23	24	15129	24937	2229	6089	350	58.9	98.2	7.3	22.7	2.3	3.1	0.2	0.9	0.1	49.5	4.90	69.0	1.0
	24	25	8210	14925	1414	4001	267	45.0	81.7	6.8	22.5	2.4	3.7	0.3	1.4	0.2	54.6	2.90	64.4	1.5
	25	26	7881	13697	1263	3441	228	39.4	69.4	5.6	16.4	1.7	2.6	0.2	0.9	0.1	38.1	2.67	57.1	1.1
	26	27	13722	22603	2066	5389	333	58.0	101.2	7.7	24.5	2.5	3.7	0.3	1.5	0.2	57.2	4.44	66.8	1.2
	27	28	20759	34887	3057	8655	499	82.6	138.9	10.1	31.8	3.4	4.9	0.4	1.7	0.3	73.7	6.82	117.0	1.6
	28	29	6380	11215	985	2753	171	29.0	50.8	4.3	14.7	1.6	2.5	0.2	1.0	0.1	36.8	2.16	45.7	2.3
	29	30	5313	9287	824	2321	149	26.2	49.6	4.6	15.5	1.6	2.4	0.2	0.8	0.1	36.8	1.80	57.1	2.0
	30	31	6955	11952	1101	3091	181	28.3	50.1	4.3	15.2	1.6	2.6	0.2	0.8	0.1	38.1	2.34	45.1	5.1
	31	32	22928	37835	3455	9448	557	87.2	149.8	11.0	31.1	3.2	4.7	0.3	1.4	0.2	72.4	7.46	127.0	1.6
	32	33	14015	23708	2181	5995	361	56.7	96.5	7.0	20.4	2.0	2.9	0.2	0.8	0.1	45.7	4.65	75.7	1.9
	33	34	15246	25182	2338	6264	372	56.9	95.2	6.6	18.8	1.9	2.9	0.2	1.0	0.1	43.2	4.96	61.8	1.1
	34	35	13898	23462	2211	5995	359	55.6	93.5	6.5	18.6	1.9	3.0	0.2	1.1	0.2	43.2	4.61	62.4	1.1
	35	36	20524	36115	3492	10206	632	94.6	152.1	9.3	25.8	2.6	3.8	0.3	1.1	0.1	55.9	7.13	98.1	1.1
	36	37	30024	55155	5413	15863	1004	156.9	258.2	16.7	50.3	5.4	8.7	0.6	2.9	0.4	123.2	10.81	183.5	3.0

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 %	Th ppm	U ppm
	37	38	20583	34764	3310	9226	575	90.8	153.3	10.8	31.5	3.4	5.4	0.4	1.6	0.3	76.2	6.88	113.5	2.0
	38	39	10743	18487	1770	4852	296	46.6	81.8	6.3	19.5	2.2	3.3	0.3	1.5	0.2	52.1	3.64	64.7	3.7
	39	40	9594	16645	1589	4432	275	43.1	72.0	5.2	15.4	1.5	2.4	0.2	0.7	0.1	35.6	3.27	50.7	4.1
	40	41	8515	14679	1371	3861	228	34.2	58.3	4.4	13.7	1.4	2.4	0.2	0.9	0.1	34.3	2.88	39.0	4.8
	41	42	12138	20944	2006	5564	324	47.7	78.2	5.4	15.6	1.7	2.9	0.3	1.3	0.2	40.6	4.12	47.7	4.5
	42	43	7588	12837	1293	3779	206	31.4	47.1	3.1	9.3	1.0	2.1	0.2	0.9	0.1	22.9	2.58	27.7	5.1
	43	44	10508	18979	1867	5249	311	47.0	79.5	5.9	17.2	1.8	2.7	0.3	1.0	0.2	41.9	3.71	67.8	4.6
	44	45	8409	15785	1583	4642	319	51.3	90.7	7.1	20.4	2.1	3.4	0.3	1.6	0.2	53.3	3.10	97.0	16.4
	45	46	4257	8206	842	2589	174	27.1	48.6	3.9	12.2	1.4	2.2	0.2	0.9	0.2	31.8	1.62	42.1	12.6
	46	47	4081	7592	767	2356	166	26.2	44.5	3.0	10.6	1.2	2.1	0.2	0.9	0.1	27.9	1.51	33.6	8.7
	47	48	6873	12345	1197	3488	212	32.7	54.1	3.9	12.2	1.3	2.2	0.2	1.0	0.2	33.0	2.43	40.6	7.5
	48	49	4937	9532	948	2834	174	26.4	44.3	3.5	10.7	1.3	2.1	0.2	1.3	0.2	30.5	1.85	48.4	16.4
	49	50	3120	6130	616	1878	126	20.8	38.6	3.2	11.7	1.6	3.7	0.4	2.1	0.3	44.5	1.20	35.1	16.4
	50	51	3073	6228	643	1977	129	19.2	31.4	2.2	7.0	0.9	1.7	0.2	0.9	0.1	21.6	1.21	40.4	17.8
	51	52	2604	5159	517	1563	95	14.6	25.2	1.8	6.0	0.7	1.6	0.2	0.9	0.1	20.3	1.00	39.1	19.2
	52	53	4902	8808	849	2531	169	27.4	48.9	3.7	12.6	1.4	2.9	0.2	1.1	0.2	35.6	1.74	56.2	18.6
	53	54	5008	9815	997	3068	199	31.5	49.9	3.5	11.8	1.4	2.3	0.2	1.3	0.1	33.0	1.92	46.2	12.7
	54	55	4656	8685	872	2624	170	25.1	43.7	3.2	10.3	1.3	2.3	0.2	1.0	0.2	31.8	1.71	36.4	10.5
	55	56	1443	3833	478	1843	191	32.0	55.9	3.7	10.6	1.1	1.6	0.2	0.8	0.1	22.9	0.79	54.7	13.6
	56	57	2967	5810	600	1901	130	19.5	33.0	2.2	7.0	0.8	1.6	0.2	0.9	0.1	22.9	1.15	62.6	34.3
	57	58	5078	10183	1081	3523	270	42.3	69.9	4.5	12.9	1.3	2.4	0.2	1.1	0.1	31.8	2.03	71.1	23.3
	58	59	1701	3575	369	1184	82	13.8	21.9	1.6	5.7	0.7	1.4	0.2	0.9	0.1	19.1	0.70	41.5	36.3
	59	60	1683	3624	361	1152	82	11.9	19.1	1.3	4.3	0.6	1.3	0.2	0.9	0.1	15.2	0.70	34.0	33.2
	60	61	2674	5233	510	1592	105	16.2	27.2	2.2	8.3	1.1	2.1	0.3	1.1	0.2	25.4	1.02	20.8	15.8
	61	62	10027	20084	2048	5890	370	55.5	93.1	6.7	20.9	2.2	4.0	0.4	1.9	0.3	59.7	3.87	82.7	4.9
	62	63	4902	10331	1080	3534	253	37.4	59.9	4.2	13.5	1.4	2.4	0.2	1.1	0.2	36.8	2.03	50.4	6.7
	63	64	4691	9434	950	2986	194	26.5	41.5	2.7	7.9	0.9	1.5	0.1	0.8	0.2	20.3	1.84	21.4	6.5
	64	65	8644	16829	1691	4969	310	45.2	69.3	4.5	11.9	1.2	1.9	0.2	0.9	0.1	27.9	3.26	36.1	4.5
	65	66	7588	14986	1534	4491	282	41.0	69.5	4.8	13.5	1.3	2.1	0.2	1.0	0.1	30.5	2.90	53.5	3.6
	66	67	16243	28008	2610	7325	457	72.1	126.8	10.2	31.9	3.2	5.2	0.4	2.1	0.3	85.1	5.50	116.0	3.3
	67	68	14543	27270	2646	7733	462	66.6	109.8	8.3	26.1	2.7	4.2	0.3	1.7	0.2	62.2	5.29	78.8	3.4
	68	69	11247	22234	2241	6520	386	55.6	87.7	6.0	18.1	1.9	3.2	0.3	1.4	0.2	45.7	4.28	52.8	2.5
	69	70	7060	13574	1305	3931	247	36.9	60.3	4.2	11.5	1.3	1.7	0.1	0.7	0.1	25.4	2.63	42.6	2.5
	70	71	12725	22357	2096	5727	339	51.4	84.5	6.5	18.7	1.8	2.5	0.2	0.9	0.2	40.6	4.35	61.8	1.4
	71	72	11904	22971	2284	6683	406	58.4	88.3	6.0	16.5	1.7	2.9	0.2	1.1	0.2	40.6	4.45	45.9	3.5
	72	73	13077	24138	2350	6520	377	55.7	89.1	6.3	19.5	1.9	3.2	0.3	1.3	0.2	44.5	4.67	67.8	17.0
	73	74	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	74	75	9734	18119	1758	5039	310	45.5	74.1	5.3	14.2	1.5	2.4	0.2	0.9	0.1	34.3	3.51	55.8	3.4
	75	76	8198	14864	1389	3942	234	36.1	63.2	5.0	16.6	1.7	3.0	0.2	0.9	0.2	41.9	2.88	52.9	12.2
	76	77	12842	21006	1885	4946	297	47.2	87.1	8.0	27.9	2.8	4.6	0.4	1.8	0.2	72.4	4.12	86.0	5.9
	77	78	19644	30833	2622	6870	384	60.0	107.4	9.3	30.9	3.3	5.4	0.5	2.1	0.3	85.1	6.07	92.3	3.0
	78	79	10203	16583	1504	4012	241	37.8	66.7	5.9	20.0	2.1	3.4	0.3	1.4	0.2	53.3	3.27	56.5	6.7
	79	80	13311	22418	2042	5435	307	48.3	82.3	6.7	22.5	2.5	4.1	0.4	1.7	0.2	62.2	4.37	66.2	4.4
	80	81	10766	18979	1788	4852	292	44.5	76.1	5.9	18.4	1.9	3.0	0.3	1.3	0.2	48.3	3.69	59.7	2.8
	81	82	13722	23770	2223	5995	356	54.8	96.0	7.6	24.0	2.5	4.0	0.4	1.7	0.2	66.0	4.63	79.6	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 %	Th ppm	U ppm
	82	83	9230	17013	1661	4747	299	45.3	75.6	6.2	17.7	1.8	2.5	0.2	1.0	0.1	40.6	3.31	65.0	2.7
	83	84	11728	20883	1994	5622	350	53.0	88.5	6.9	22.2	2.4	3.8	0.3	1.7	0.2	59.7	4.08	64.4	2.9
	84	85	11705	21067	2018	5692	363	56.2	94.1	7.2	21.7	2.1	3.5	0.3	1.3	0.2	52.1	4.11	70.3	4.4
	85	86	8456	13697	1365	3977	233	38.6	61.9	5.7	18.3	2.0	3.3	0.3	1.5	0.3	50.8	2.79	51.5	7.8
	86	87	4926	9225	991	3056	195	32.5	52.4	4.5	14.6	1.6	3.0	0.2	1.7	0.3	43.2	1.85	61.4	4.1
	87	88	16126	25428	2416	6800	408	71.2	116.4	9.2	28.6	2.8	4.7	0.4	2.1	0.3	71.1	5.15	87.5	2.7
	88	89	12842	22725	2223	6509	446	71.8	118.7	8.4	23.1	2.2	3.5	0.3	1.5	0.2	54.6	4.50	94.4	2.5
	89	90	18002	31938	3057	8760	525	77.8	124.5	8.6	24.2	2.4	3.7	0.3	1.6	0.2	57.2	6.26	76.6	2.5
	90	91	5454	10540	994	2741	172	26.1	45.9	3.9	11.5	1.4	2.3	0.2	0.9	0.1	30.5	2.00	38.7	3.6
	91	92	10203	18610	1710	4771	312	51.4	95.4	8.4	27.0	2.9	4.4	0.4	1.8	0.2	67.3	3.59	82.0	3.7
	92	93	10825	19532	1782	5039	328	53.5	101.5	8.9	30.3	3.3	5.2	0.5	2.1	0.3	80.0	3.78	85.6	1.9
	93	94	5219	10920	1116	3394	252	41.0	79.5	7.3	23.9	2.5	3.8	0.3	2.1	0.3	61.0	2.11	122.0	1.8
	94	95	4656	9397	948	2753	188	29.5	53.8	4.4	13.1	1.3	2.1	0.2	1.0	0.1	31.8	1.81	52.3	4.6
	95	96	3178	7235	762	2589	226	36.4	67.7	5.1	16.4	1.7	2.6	0.3	1.3	0.2	38.1	1.42	55.3	7.7
	96	97	4410	9643	1016	3009	205	31.3	56.3	4.3	13.9	1.7	2.7	0.2	1.5	0.2	38.1	1.84	43.8	6.6
	97	98	6169	12284	1189	3359	227	35.6	64.8	5.2	16.0	1.8	2.9	0.3	1.5	0.2	41.9	2.34	62.3	4.3
	98	99	8057	14557	1323	3604	240	39.6	80.6	7.2	25.0	2.8	4.6	0.4	2.2	0.3	68.6	2.80	100.5	3.7
	99	100	6861	12014	1118	3091	228	39.1	79.4	7.9	24.7	2.7	4.5	0.4	2.1	0.3	63.5	2.35	128.0	1.8
	100	101	7260	13144	1220	3278	212	33.2	62.8	5.3	17.2	1.9	3.0	0.3	1.0	0.2	43.2	2.53	58.1	2.2
	101	102	8057	15416	1468	4012	242	37.3	65.2	4.9	15.3	1.8	2.9	0.2	1.1	0.1	39.4	2.94	55.9	4.6
	102	103	6720	13635	1353	3837	244	36.5	64.6	5.9	24.0	3.2	5.6	0.5	3.0	0.4	85.1	2.60	45.9	7.4
	103	104	4222	8083	752	2216	147	22.8	41.4	3.7	12.6	1.4	2.3	0.2	1.1	0.1	33.0	1.55	34.3	5.2
	104	105	7107	13635	1299	3546	225	34.4	62.2	5.2	17.0	2.0	3.2	0.3	1.5	0.2	45.7	2.60	58.9	2.3
	105	106	9289	16276	1474	4036	270	45.5	88.1	8.2	29.5	3.3	4.8	0.4	2.1	0.3	76.2	3.16	97.4	2.9
	106	107	11611	19839	1770	4677	298	47.6	91.6	8.0	25.5	2.8	4.5	0.4	1.8	0.2	68.6	3.84	90.0	2.2
	107	108	7318	12653	1135	2986	196	30.8	58.6	4.9	16.2	1.8	2.9	0.2	0.9	0.1	41.9	2.44	58.0	3.3
	108	109	4820	9766	933	2788	173	26.2	45.8	4.2	17.0	2.3	4.5	0.4	2.2	0.3	59.7	1.86	30.9	12.4
	109	110	7787	16092	1631	4841	317	45.5	78.2	6.1	19.1	2.2	3.7	0.3	1.7	0.2	53.3	3.09	55.9	4.8
	110	111	10684	21251	2096	6182	391	59.2	105.2	7.6	22.4	2.7	4.9	0.5	2.2	0.3	67.3	4.09	92.1	4.8
	111	112	6380	12284	1191	3278	205	31.6	57.2	4.9	15.5	1.7	2.5	0.2	1.1	0.2	39.4	2.35	53.6	6.2
	112	113	4281	8120	737	2140	142	22.8	43.0	3.9	12.7	1.5	2.1	0.2	0.9	0.2	34.3	1.55	40.3	6.5
	113	114	7799	15355	1486	4211	271	40.9	74.2	6.1	20.0	2.4	3.8	0.3	1.7	0.2	58.4	2.93	64.2	2.6
	114	115	8726	15846	1462	4001	267	43.1	82.2	7.5	26.4	3.1	4.7	0.4	2.1	0.3	74.9	3.05	88.9	3.7
	115	116	8855	15416	1377	3651	237	39.8	81.6	8.0	27.7	3.3	5.3	0.5	2.5	0.4	81.3	2.98	82.6	2.2
	116	117	4949	9274	831	2414	155	23.7	45.0	3.9	13.3	1.6	2.6	0.2	1.1	0.2	36.8	1.78	39.9	5.9
	117	118	4984	9041	795	2304	148	23.4	44.7	4.1	13.1	1.4	2.1	0.2	0.8	0.1	34.3	1.74	47.4	5.0
	118	119	14777	24445	2163	5937	365	58.7	108.9	8.5	27.0	2.9	4.6	0.3	1.6	0.2	67.3	4.80	104.0	1.3
	119	120	4644	8181	708	2035	128	19.9	37.9	3.1	10.3	1.2	2.2	0.2	1.1	0.2	29.2	1.58	28.4	11.1
	120	121	6122	10982	1039	2916	176	28.6	49.3	4.3	13.3	1.6	3.0	0.3	1.4	0.2	39.4	2.14	42.4	7.7
	121	122	4468	8021	733	2187	135	22.9	40.9	3.9	12.9	1.5	2.7	0.3	1.6	0.2	39.4	1.57	35.1	8.6
	122	123	4562	8451	782	2333	146	24.6	42.7	3.6	12.6	1.4	2.9	0.3	1.6	0.2	36.8	1.64	31.4	6.8
	123	124	6028	12898	1365	4082	273	44.4	75.6	6.1	17.6	1.9	3.2	0.3	1.7	0.2	45.7	2.48	56.3	4.4
	124	125	6908	12898	1287	3767	257	47.1	88.5	8.1	25.4	2.8	4.6	0.4	2.3	0.3	66.0	2.54	136.0	2.8
	125	126	7717	13512	1250	3418	209	35.9	67.4	5.8	18.1	2.0	3.7	0.3	1.5	0.2	50.8	2.63	77.2	3.8
	126	127	14543	23708	2145	6124	361	62.9	109.3	9.8	31.0	3.5	5.7	0.5	2.4	0.3	88.9	4.72	125.5	2.6

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 %	Th ppm	U ppm
	127	128	14308	25674	2416	7103	405	66.9	106.6	8.2	25.5	2.8	4.6	0.4	1.8	0.2	68.6	5.02	79.1	2.6
	128	129	12256	22664	2223	6648	402	63.8	101.9	7.2	21.1	2.3	4.1	0.3	1.6	0.2	55.9	4.45	74.6	1.6
	129	130	11282	19532	1843	5062	303	51.9	92.0	7.6	23.2	2.5	4.1	0.4	1.6	0.2	63.5	3.83	86.4	1.2
	130	131	13722	24691	2374	7022	435	74.7	126.8	10.0	32.8	3.6	6.0	0.5	2.4	0.3	88.9	4.86	129.5	1.5
	131	132	13253	23094	2211	6287	411	69.5	118.1	9.4	29.0	3.2	5.3	0.4	2.1	0.3	81.3	4.56	103.0	1.3
	132	133	11165	20944	2042	6205	391	67.0	119.9	9.7	32.0	3.6	5.7	0.5	2.2	0.3	87.6	4.11	138.0	1.3
	133	134	8737	15846	1571	4409	281	47.8	80.9	6.3	21.5	2.4	4.1	0.3	1.4	0.2	61.0	3.11	73.7	1.2
	134	135	14660	25305	2386	7162	428	72.5	121.0	10.6	36.2	4.2	6.3	0.6	1.9	0.2	99.1	5.03	105.5	1.6
	135	136	11646	21558	2114	6497	414	72.6	129.1	11.0	37.5	4.3	7.1	0.5	2.3	0.3	105.4	4.26	123.0	1.5
	136	137	9652	19347	1945	5774	342	56.4	96.0	8.5	30.5	3.7	6.5	0.6	2.5	0.3	99.1	3.74	97.5	1.3
	137	138	7482	14741	1480	4257	269	44.9	76.5	6.5	24.3	2.9	5.4	0.5	2.2	0.3	77.5	2.85	84.8	1.0
	138	139	12490	24445	2489	7663	492	81.3	128.5	8.6	24.7	2.5	4.4	0.4	1.9	0.2	62.2	4.79	118.5	0.9
	139	140	9394	18979	1951	6112	402	66.4	111.8	8.4	23.6	2.5	4.2	0.4	2.4	0.3	61.0	3.71	108.5	1.8
	140	141	11787	23340	2386	7302	436	69.5	106.4	7.6	22.3	2.5	5.0	0.5	3.3	0.5	66.0	4.55	70.9	2.4
	141	142	10989	21804	2211	6812	437	73.2	119.3	9.1	25.4	2.8	4.9	0.5	2.6	0.4	69.8	4.26	107.0	1.8
	142	143	7975	15416	1565	4607	308	51.9	92.9	8.3	29.2	3.6	6.6	0.7	3.9	0.5	100.3	3.02	78.2	2.6
	143	144	7940	15478	1553	4572	304	48.5	79.2	6.3	21.0	2.6	5.0	0.5	2.7	0.4	71.1	3.01	53.6	4.0
	144	145	8468	17136	1776	5575	361	58.7	99.4	7.8	23.8	2.7	4.7	0.4	2.4	0.3	69.8	3.36	81.6	3.7
	145	146	11564	21436	2139	6474	414	70.4	115.8	9.1	27.5	3.3	6.1	0.6	3.4	0.4	86.4	4.23	93.7	1.9
	146	147	17592	32307	3178	9728	617	99.9	161.4	11.1	29.8	3.1	5.0	0.5	2.4	0.3	73.7	6.38	125.0	1.7
	147	148	11611	22357	2290	7010	445	72.0	117.0	8.6	25.0	2.8	4.8	0.5	2.7	0.4	67.3	4.40	77.0	2.3
	148	149	11787	22603	2302	7092	451	74.6	119.9	8.8	25.9	2.8	4.8	0.5	2.7	0.4	68.6	4.45	78.3	2.4
	149	150	9371	16522	1740	5307	353	57.9	90.4	6.4	19.1	2.0	3.5	0.4	1.8	0.3	52.1	3.35	63.2	4.4
	150	151	3213	6142	605	1860	126	20.2	33.2	2.3	7.1	0.8	1.6	0.2	0.9	0.2	21.6	1.20	19.2	8.3
	151	152	7588	13942	1402	4036	278	46.8	81.4	6.1	18.7	2.0	3.4	0.3	1.5	0.2	50.8	2.75	45.2	3.1
	152	153	4820	8636	829	2508	173	29.4	50.8	3.9	12.3	1.3	2.3	0.2	1.4	0.2	34.3	1.71	24.7	6.3
	153	154	4914	9790	1002	3103	209	33.4	57.1	4.4	13.5	1.6	2.4	0.2	1.1	0.2	35.6	1.92	45.1	6.0
	154	155	5137	9938	987	3021	201	32.9	54.2	3.7	11.3	1.1	1.9	0.1	0.8	0.1	26.7	1.94	34.0	3.7
	155	156	4597	9188	942	2951	206	34.3	57.6	4.8	14.8	1.6	2.4	0.2	1.0	0.2	38.1	1.80	46.4	4.8
	156	157	8116	16891	1818	5482	359	55.1	87.8	5.9	16.3	1.7	2.7	0.2	1.3	0.1	43.2	3.29	45.5	5.0
	157	158	1695	3857	413	1371	105	17.1	27.6	2.1	6.5	0.7	1.5	0.1	0.8	0.2	19.1	0.75	15.7	6.3
	158	159	3413	6953	719	2280	159	25.5	43.1	3.2	10.9	1.3	2.5	0.3	1.7	0.2	35.6	1.36	30.7	4.9
	159	160	3284	7125	766	2484	177	27.7	46.8	3.2	10.1	1.1	1.9	0.2	0.9	0.2	27.9	1.40	24.6	5.6
	160	161	10274	21006	2193	6707	443	67.3	108.2	7.3	20.2	1.9	3.0	0.2	1.1	0.1	44.5	4.09	70.1	4.7
	161	162	4949	10233	1078	3488	242	38.2	63.7	4.3	11.7	1.1	1.7	0.1	0.6	0.1	25.4	2.01	48.4	2.7
	162	163	3859	7997	846	2718	192	29.3	46.7	3.1	9.1	1.0	1.7	0.2	0.6	0.1	21.6	1.57	24.5	6.2
KGKRC062	0	1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1	2	3178	5945	586	1825	133	21.1	35.4	2.2	6.3	0.7	1.4	0.1	0.7	0.1	17.8	1.18	14.8	1.1
	2	3	7928	14679	1492	4386	312	51.1	81.5	4.9	11.7	1.1	1.7	0.1	0.6	0.1	22.9	2.90	34.2	1.2
	3	4	2170	4324	439	1394	101	16.2	27.0	1.9	6.1	0.8	1.5	0.2	0.9	0.1	20.3	0.85	17.2	1.1
	4	5	1267	2727	273	868	67	12.3	23.3	2.0	7.6	1.2	2.7	0.3	2.5	0.3	35.6	0.53	6.9	1.7
	5	6	4410	8599	874	2741	190	30.2	47.5	2.8	8.2	1.0	1.9	0.2	1.1	0.2	24.1	1.69	22.4	1.2
	6	7	2076	4066	398	1236	86	13.6	21.0	1.4	4.0	0.5	0.9	0.1	0.6	0.1	11.4	0.79	10.0	0.8
	7	8	8444	18180	1951	5867	384	57.8	90.5	5.5	14.7	1.6	2.9	0.2	1.1	0.2	36.8	3.50	42.9	1.2
	8	9	10497	21006	2169	6345	397	60.2	93.9	5.8	16.1	1.8	2.9	0.3	1.6	0.2	43.2	4.06	40.4	1.2

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 %	Th ppm	U ppm
	9	10	10684	21374	2205	6485	417	65.3	105.1	6.6	20.0	2.3	4.4	0.4	1.9	0.3	54.6	4.14	44.0	1.8
	10	11	11705	20699	2036	5937	413	68.6	113.8	7.4	20.1	2.2	3.9	0.4	1.9	0.3	50.8	4.11	53.7	1.9
	11	12	15188	25428	2404	6800	444	71.6	117.6	7.0	17.6	1.8	3.0	0.2	1.0	0.2	36.8	5.05	48.2	0.8
	12	13	14191	23340	2163	5890	372	59.6	95.4	5.9	14.5	1.4	2.2	0.1	0.8	0.1	27.9	4.62	34.7	0.5
	13	14	13253	25919	2658	8165	536	82.9	127.9	7.2	20.2	2.2	3.9	0.3	1.6	0.2	49.5	5.08	57.5	0.7
	14	15	15422	30219	3141	9541	617	92.8	141.8	8.1	21.5	2.4	3.8	0.3	1.4	0.2	48.3	5.93	61.5	0.7
	15	16	12959	28867	3129	9949	625	88.7	136.6	7.7	21.1	2.1	3.3	0.3	1.5	0.2	45.7	5.58	69.8	0.8
	16	17	12021	22603	2259	6637	455	68.7	113.4	6.9	17.0	1.8	2.6	0.2	1.1	0.2	38.1	4.42	52.3	0.7
	17	18	11024	20883	2084	6159	441	67.4	111.8	7.1	18.1	2.0	3.0	0.2	1.1	0.1	39.4	4.08	60.8	0.7
	18	19	9699	17689	1722	4969	342	54.1	90.8	5.9	15.0	1.5	2.1	0.2	0.9	0.1	31.8	3.46	40.4	0.4
	19	20	10192	21988	2356	7162	464	67.0	105.7	6.4	17.1	1.9	2.9	0.2	1.1	0.2	39.4	4.24	58.6	0.7
	20	21	11705	22480	2211	6509	426	65.2	108.0	7.2	20.0	2.0	2.9	0.2	0.9	0.1	43.2	4.36	62.9	0.5
	21	22	11024	19593	1909	5517	390	61.7	106.0	6.7	18.6	1.8	2.5	0.2	0.9	0.2	38.1	3.87	50.2	0.4
	22	23	7248	12960	1220	3732	275	43.4	75.2	5.1	13.5	1.5	2.1	0.3	0.9	0.2	30.5	2.56	35.5	0.4
	23	24	5981	10540	987	2998	217	34.0	58.2	3.8	10.1	1.1	1.7	0.2	0.7	0.1	22.9	2.09	27.7	-0.3
	24	25	12021	20269	1891	5260	342	53.5	86.8	5.6	15.8	1.6	2.5	0.2	1.0	0.2	35.6	4.00	34.3	0.4
	25	26	14543	25551	2398	6765	415	63.5	105.5	7.0	18.7	2.1	3.1	0.3	1.4	0.2	44.5	4.99	45.4	0.5
	26	27	19351	33781	3202	9285	581	87.9	144.7	9.2	26.1	2.7	4.0	0.3	1.5	0.2	55.9	6.65	57.8	0.6
	27	28	11646	19347	1782	4841	303	45.0	76.0	4.8	12.7	1.3	1.8	0.2	0.8	0.1	26.7	3.81	27.4	0.3
	28	29	9816	16092	1462	4012	247	38.2	63.5	3.9	10.3	1.1	1.5	0.2	0.8	0.1	21.6	3.18	23.8	0.4
	29	30	14777	24568	2247	6217	393	60.2	101.4	6.4	17.6	1.8	2.5	0.2	1.0	0.1	39.4	4.84	37.2	0.5
	30	31	10297	17935	1691	4771	319	50.3	83.3	5.5	14.7	1.5	2.3	0.2	0.8	0.1	31.8	3.52	36.9	0.6
	31	32	17357	29604	2827	8503	608	98.0	163.7	10.3	26.4	2.8	4.5	0.4	1.6	0.3	61.0	5.93	74.7	0.4
	32	33	16126	27885	2682	8130	620	101.1	171.7	10.1	25.8	2.5	3.7	0.3	1.4	0.2	50.8	5.58	82.0	0.4
	33	34	10215	17382	1601	4491	304	48.4	82.3	5.6	14.4	1.5	2.3	0.2	0.8	0.1	31.8	3.42	34.5	0.3
	34	35	2451	4852	494	1627	135	22.0	37.0	2.4	6.0	0.7	1.0	0.1	0.5	0.1	15.2	0.96	17.2	-0.3
	35	36	3894	7481	741	2403	188	30.0	51.6	3.4	8.8	1.0	1.5	0.2	0.9	0.1	21.6	1.48	22.3	-0.3
	36	37	10180	21313	2271	7022	507	76.3	121.0	6.8	17.5	1.7	2.4	0.3	1.0	0.2	34.3	4.16	59.8	0.3
	37	38	10919	20023	1933	5634	384	59.9	98.8	6.1	15.8	1.5	2.4	0.2	0.9	0.1	31.8	3.91	46.1	0.6
	38	39	16009	28990	2827	8351	546	84.4	137.7	8.5	22.5	2.3	3.5	0.3	1.4	0.2	47.0	5.70	68.7	0.4
	39	40	17006	28376	2573	7465	466	72.8	120.5	7.3	19.4	1.9	2.7	0.2	1.0	0.2	39.4	5.62	47.5	0.4
	40	41	14484	24015	2187	5949	372	59.3	98.9	7.0	18.9	2.1	3.2	0.3	1.3	0.2	43.2	4.72	42.2	0.4
	41	42	12256	20514	1885	5214	333	52.8	89.4	6.1	16.8	1.8	2.7	0.3	1.3	0.2	39.4	4.04	36.9	0.4
	42	43	19175	31324	2839	8141	508	83.0	142.4	9.7	26.7	2.7	4.1	0.3	1.6	0.2	57.2	6.23	71.7	0.7
	43	44	22459	41151	3999	12306	856	134.9	228.2	14.4	37.4	3.7	4.8	0.3	1.7	0.2	72.4	8.13	129.5	0.6
	44	45	9007	17259	1752	5214	384	60.9	105.5	6.7	17.2	1.7	2.5	0.3	1.0	0.2	35.6	3.38	62.1	0.6
	45	46	9969	17198	1613	4502	291	45.5	75.5	5.1	14.8	1.5	2.4	0.2	0.9	0.1	33.0	3.38	32.9	0.7
	46	47	9934	16461	1486	4059	246	38.2	62.7	4.5	13.8	1.4	2.3	0.2	1.0	0.2	34.3	3.23	26.1	0.7
	47	48	11048	19163	1800	5062	324	51.1	80.9	5.4	15.0	1.5	2.5	0.2	0.8	0.1	33.0	3.76	34.9	0.5
	48	49	9887	17566	1691	4817	325	51.4	81.8	5.5	15.6	1.5	2.4	0.2	0.8	0.1	31.8	3.45	38.6	0.5
	49	50	7553	13205	1214	3616	247	38.8	62.5	4.1	11.7	1.1	1.8	0.2	0.8	0.1	26.7	2.60	28.3	0.4
	50	51	8690	15294	1456	4141	271	41.8	65.8	4.3	12.9	1.4	2.2	0.2	0.9	0.1	30.5	3.00	30.2	0.7
	51	52	6286	10798	991	2951	205	33.7	54.9	3.9	11.7	1.3	2.1	0.2	0.9	0.1	29.2	2.14	25.9	0.7
	52	53	2428	4312	404	1248	98	17.1	29.1	2.1	6.9	0.8	1.4	0.2	0.7	0.1	21.6	0.86	14.4	0.3
	53	54	5735	9790	888	2601	172	28.5	45.9	3.3	10.9	1.3	2.2	0.2	1.0	0.2	33.0	1.93	20.2	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 %	Th ppm	U ppm
	54	55	7518	12530	1120	3184	202	32.0	52.0	3.7	11.3	1.3	2.4	0.2	0.9	0.1	31.8	2.47	20.7	0.7
	55	56	5688	9999	930	2788	191	31.5	50.5	3.5	10.6	1.0	1.8	0.2	0.8	0.1	24.1	1.97	23.2	0.4
	56	57	4304	8402	858	2718	202	32.2	50.7	3.3	9.4	1.0	1.8	0.2	0.8	0.2	22.9	1.66	25.9	0.5
	57	58	6392	11424	1079	3289	240	40.5	67.8	4.8	15.8	1.8	3.1	0.3	1.4	0.2	41.9	2.26	27.8	1.1
	58	59	6216	10699	985	2881	191	30.0	49.1	3.4	11.0	1.2	2.1	0.2	1.0	0.2	29.2	2.11	23.1	1.0
	59	60	7623	12898	1160	3336	217	37.1	61.7	4.6	14.5	1.5	2.5	0.3	1.6	0.3	38.1	2.54	46.0	1.1
	60	61	15305	25551	2380	6474	392	62.1	100.3	6.9	20.3	2.0	3.4	0.3	1.4	0.2	48.3	5.03	46.9	0.7
	61	62	12490	21436	1969	5529	350	54.4	86.8	6.0	17.5	1.8	3.1	0.3	1.1	0.2	40.6	4.20	36.5	0.8
	62	63	12021	20146	2078	6439	456	77.4	120.5	7.3	18.3	1.9	2.7	0.2	1.1	0.2	34.3	4.14	55.3	1.3
	63	64	12666	22050	2338	7453	558	93.7	141.2	8.7	21.8	2.1	3.4	0.2	1.0	0.2	43.2	4.54	64.8	0.8
	64	65	10379	18057	1951	6345	506	85.8	133.7	8.0	18.7	1.9	2.5	0.2	0.8	0.1	36.8	3.75	65.7	0.6
	65	66	11071	17812	1788	5529	430	80.4	128.5	9.0	22.7	2.2	3.1	0.3	1.4	0.2	45.7	3.69	58.7	0.7
	66	67	11904	21190	2175	6544	409	68.4	101.4	6.6	19.1	2.0	3.0	0.2	1.3	0.2	40.6	4.25	50.0	0.4
	67	68	12138	21128	2169	6567	412	67.0	100.4	6.4	15.8	1.4	2.4	0.2	0.9	0.1	29.2	4.26	44.9	0.5
	68	69	11247	18426	1818	5400	355	58.7	90.0	5.7	14.9	1.5	2.2	0.2	0.9	0.1	30.5	3.75	42.9	0.5
	69	70	14543	23892	2386	7080	455	75.7	114.8	7.4	17.8	1.8	2.5	0.2	0.9	0.1	36.8	4.86	53.8	0.6
	70	71	9535	17628	1897	5879	400	65.8	102.2	6.5	16.3	1.6	2.7	0.2	0.9	0.1	31.8	3.56	51.8	0.5
	71	72	12432	23340	2465	7465	459	75.0	105.8	6.9	17.0	1.7	2.7	0.2	1.0	0.2	34.3	4.64	57.4	-0.3
	72	73	12490	20821	2030	5995	377	63.7	98.8	6.3	17.5	1.7	2.7	0.2	1.0	0.2	36.8	4.19	54.5	0.3
	73	74	13077	22357	2229	6590	404	65.3	98.7	6.1	15.2	1.6	2.3	0.2	0.7	0.1	30.5	4.49	51.0	1.1
	74	75	9793	18119	1921	5867	359	56.2	83.3	5.1	12.3	1.2	1.9	0.2	0.8	0.1	25.4	3.62	42.5	0.4
	75	76	9781	20637	2235	6823	404	62.4	95.6	5.7	15.6	1.5	2.5	0.2	0.9	0.1	30.5	4.01	50.4	0.4
	76	77	10426	21866	2356	7290	417	64.8	96.0	5.8	16.3	1.6	2.6	0.2	0.9	0.1	31.8	4.26	51.0	0.4
	77	78	9347	20023	2211	6870	416	65.2	98.1	5.3	14.4	1.4	1.9	0.2	0.7	0.1	26.7	3.91	50.1	-0.3
	78	79	8608	18426	1987	6124	369	57.7	87.8	5.2	13.4	1.4	2.3	0.2	0.7	0.1	26.7	3.57	44.1	-0.3
	79	80	10719	21804	2320	7220	404	62.8	93.7	5.5	14.7	1.4	2.1	0.2	0.9	0.1	27.9	4.27	49.4	0.3
	80	81	10672	21436	2265	6742	386	60.6	92.8	5.7	15.3	1.4	2.5	0.2	1.0	0.2	31.8	4.17	45.7	0.4
	81	82	7740	14557	1480	4409	266	43.9	69.3	4.3	12.1	1.2	1.8	0.2	0.7	0.1	25.4	2.86	33.3	0.6
	82	83	10274	19593	2030	6007	356	57.6	87.0	5.4	14.4	1.4	2.2	0.2	0.8	0.1	29.2	3.85	42.0	0.6
	83	84	10356	20269	2096	6205	353	55.6	85.6	5.3	13.8	1.4	2.3	0.2	0.8	0.2	29.2	3.95	39.7	0.4
	84	85	11845	22357	2277	6800	395	63.8	98.6	6.4	18.1	1.8	3.0	0.2	1.0	0.2	38.1	4.39	54.0	0.4
	85	86	6228	11350	1115	3453	207	34.9	57.2	3.9	12.2	1.3	2.1	0.2	0.9	0.1	27.9	2.25	27.8	0.4
	86	87	4597	8930	968	3044	206	34.0	52.2	3.7	10.7	1.1	1.9	0.2	0.9	0.1	25.4	1.79	26.8	0.4
	87	88	6087	11080	1182	3628	235	39.4	60.3	3.9	11.4	1.2	2.2	0.2	0.7	0.1	25.4	2.24	28.4	0.5
	88	89	11271	19470	1945	5762	346	56.5	87.1	5.6	15.6	1.6	2.5	0.2	0.9	0.1	31.8	3.90	40.3	0.5
	89	90	6392	10982	1041	3138	191	31.4	50.0	3.5	10.0	1.0	1.6	0.1	0.7	0.1	24.1	2.19	23.6	0.8
	90	91	7705	12775	1299	3907	260	46.2	70.4	5.1	14.1	1.6	2.5	0.3	1.1	0.2	34.3	2.61	36.3	0.8
	91	92	10192	17566	1704	4852	286	46.8	75.2	5.0	14.7	1.5	2.4	0.2	0.9	0.1	34.3	3.48	37.6	0.7
	92	93	6005	10908	1056	3301	213	35.7	57.1	3.9	10.6	1.1	1.7	0.1	0.7	0.1	22.9	2.16	28.2	0.7
	93	94	9406	17013	1679	4864	281	46.2	73.5	4.7	13.2	1.4	2.4	0.2	0.9	0.1	29.2	3.34	34.9	0.4
	94	95	8632	14986	1468	4246	247	40.0	63.9	4.0	11.7	1.2	1.9	0.2	0.7	0.1	25.4	2.97	28.0	0.3
	95	96	10086	17996	1776	5202	317	52.7	84.1	6.0	16.8	1.7	2.9	0.3	1.3	0.2	39.4	3.56	44.7	0.4
	96	97	12314	20514	2030	5972	388	65.3	101.5	6.4	16.8	1.6	2.9	0.2	1.5	0.2	35.6	4.15	50.8	0.5
	97	98	7905	13512	1275	3872	254	44.7	76.2	5.1	17.3	1.8	3.3	0.3	1.4	0.2	44.5	2.70	31.9	1.1
	98	99	7506	12775	1183	3511	202	34.9	56.8	3.9	12.2	1.4	2.2	0.2	1.1	0.2	33.0	2.53	26.1	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 %	Th ppm	U ppm
	99	100	9124	15416	1504	4269	249	41.3	65.8	4.5	13.8	1.6	2.7	0.2	1.1	0.1	34.3	3.07	31.5	0.8
	100	101	7729	13512	1323	4059	268	45.9	74.2	4.8	13.2	1.4	2.2	0.2	0.8	0.2	30.5	2.71	35.4	1.2
	101	102	7799	13328	1287	3814	246	42.5	71.4	4.7	13.8	1.4	2.4	0.2	1.0	0.1	33.0	2.66	34.6	0.6
	102	103	11622	20330	2000	5739	353	58.8	97.4	6.7	18.8	2.1	3.0	0.3	1.1	0.1	40.6	4.03	50.3	0.7
	103	104	13839	25674	2646	8305	536	91.5	142.9	8.3	23.1	2.2	3.1	0.2	0.9	0.1	41.9	5.13	79.0	0.6
	104	105	13780	24814	2465	7395	510	81.8	131.4	8.8	22.8	2.4	3.4	0.3	1.1	0.2	48.3	4.93	87.0	0.5
	105	106	9781	18303	1830	5377	388	63.2	107.2	7.8	21.1	2.3	3.9	0.4	1.9	0.3	49.5	3.59	96.5	0.5
	106	107	11353	20453	1945	5295	299	43.5	68.7	4.5	12.9	1.3	2.2	0.2	0.8	0.1	26.7	3.95	33.5	0.4
	107	108	21462	36729	3371	9343	481	69.4	108.1	7.5	19.3	2.1	2.7	0.3	0.8	0.2	39.4	7.16	56.2	0.4
	108	109	8468	15846	1559	4491	299	46.8	76.7	5.5	14.0	1.4	2.2	0.2	0.6	0.1	29.2	3.08	51.8	0.3
	109	110	9582	18733	1891	5482	353	54.7	88.2	6.1	15.8	1.6	2.3	0.2	1.1	0.2	33.0	3.62	63.2	0.4
	110	111	9089	18733	1963	5750	354	52.8	80.9	5.5	13.7	1.4	1.9	0.2	0.8	0.1	27.9	3.61	47.0	0.4
	111	112	8902	17873	1836	5377	347	52.0	83.0	5.7	14.9	1.5	2.3	0.2	0.8	0.1	30.5	3.45	64.1	0.4
	112	113	14777	29482	2996	8701	501	72.0	110.2	7.0	17.0	1.7	2.3	0.2	0.6	0.1	30.5	5.67	56.7	0.3
	113	114	8515	17566	1836	5377	340	49.8	75.7	4.9	12.6	1.4	2.1	0.2	0.9	0.2	26.7	3.38	36.8	0.3
	114	115	7846	16891	1806	5365	363	52.7	82.6	4.9	11.4	1.2	1.7	0.2	0.8	0.1	22.9	3.24	40.8	-0.3
	115	116	8667	17935	1861	5424	341	50.5	78.0	4.8	12.2	1.3	1.9	0.2	0.7	0.1	24.1	3.44	39.3	0.4
	116	117	14367	28745	2924	8631	484	69.0	102.8	6.4	17.0	1.7	2.5	0.2	0.8	0.1	33.0	5.54	51.9	0.5
	117	118	8620	17013	1722	4981	317	46.6	73.4	4.9	12.9	1.3	1.9	0.1	0.6	0.1	24.1	3.28	41.0	0.3
	118	119	3964	7886	785	2438	166	26.5	42.0	2.9	8.0	0.8	1.4	0.1	0.6	0.1	17.8	1.53	18.6	-0.3
	119	120	4656	8894	866	2601	168	26.4	42.1	2.7	7.7	0.8	1.3	0.1	0.5	0.1	16.5	1.73	18.2	-0.3
	120	121	4949	9471	927	2823	188	28.5	45.6	3.0	8.2	0.9	1.6	0.2	0.6	0.1	19.1	1.85	20.6	-0.3
	121	122	5266	10183	982	2951	191	29.4	48.1	3.2	9.0	1.0	1.5	0.1	0.6	0.1	19.1	1.97	24.5	-0.3
	122	123	7717	14434	1426	4129	262	40.0	64.1	4.6	11.9	1.3	1.7	0.2	0.7	0.1	24.1	2.81	32.7	-0.3
	123	124	4504	8341	797	2426	164	25.9	42.0	2.8	7.7	0.9	1.4	0.1	0.5	0.1	17.8	1.63	19.1	-0.3
	124	125	8702	16829	1679	4946	332	51.0	80.9	5.2	12.4	1.2	1.8	0.2	0.7	0.1	24.1	3.27	38.5	-0.3
	125	126	8890	16031	1540	4362	278	43.1	69.2	4.7	12.1	1.4	2.1	0.3	0.9	0.2	27.9	3.13	34.3	0.5
	126	127	14601	25305	2368	6555	371	54.5	85.0	5.6	14.5	1.5	1.9	0.2	0.8	0.1	29.2	4.94	37.8	0.3
	127	128	12549	23892	2386	7197	450	68.3	105.9	6.7	17.9	1.9	2.9	0.2	0.8	0.2	36.8	4.67	49.1	0.4
	128	129	13722	25059	2477	7348	443	65.4	102.1	6.4	17.0	1.7	2.5	0.2	0.6	0.1	34.3	4.93	46.1	0.5
	129	130	6110	11793	1151	3488	228	34.6	56.8	3.7	9.3	1.0	1.5	0.1	0.6	0.1	20.3	2.29	23.6	0.7
	130	131	6908	13144	1281	3732	240	37.2	59.7	4.1	11.1	1.2	1.8	0.2	0.8	0.1	25.4	2.54	25.3	0.7
	131	132	8831	16522	1643	4642	298	45.4	72.5	4.6	12.5	1.3	2.1	0.2	0.9	0.2	25.4	3.21	28.3	0.6
	132	133	5829	10773	1032	3056	198	29.8	48.6	3.3	8.3	0.9	1.4	0.1	0.5	0.1	17.8	2.10	21.6	-0.3
	133	134	10016	18426	1818	5086	322	48.1	74.8	5.0	12.2	1.3	1.7	0.2	0.6	0.1	25.4	3.58	31.5	0.3
	134	135	5383	9913	912	2706	169	26.3	41.4	2.7	7.7	0.8	1.3	0.1	0.7	0.1	16.5	1.92	17.3	-0.3
	135	136	7869	13635	1293	3569	215	32.2	53.5	3.5	9.4	1.0	1.6	0.2	0.6	0.1	19.1	2.67	23.8	-0.3
	136	137	5653	10712	1050	3068	197	30.0	49.8	3.3	9.1	0.9	1.6	0.1	0.7	0.1	19.1	2.08	22.1	0.4
	137	138	8421	15355	1462	4164	263	40.1	66.5	4.2	10.9	1.0	1.7	0.2	0.6	0.1	21.6	2.98	29.1	-0.3
	138	139	9640	17382	1661	4794	303	46.3	75.6	5.0	12.7	1.2	1.8	0.2	0.8	0.1	25.4	3.39	33.4	0.3
	139	140	9195	16461	1577	4456	275	40.9	66.9	4.3	11.8	1.2	1.8	0.2	0.7	0.1	22.9	3.21	32.0	0.4
	140	141	12373	20146	1951	5599	327	54.3	84.1	5.6	14.8	1.6	1.9	0.2	0.9	0.1	29.2	4.06	45.1	0.3
	141	142	6251	12112	1203	3511	222	32.2	52.8	3.7	9.3	1.1	1.7	0.2	0.8	0.1	21.6	2.34	28.2	0.4
	142	143	8174	15416	1528	4386	278	40.0	65.9	4.3	11.4	1.1	1.9	0.2	0.6	0.1	24.1	2.99	29.1	-0.3
	143	144	8819	16338	1661	4922	324	47.7	74.3	4.6	11.9	1.3	2.1	0.2	0.7	0.1	25.4	3.22	32.8	0.3

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 %	Th ppm	U ppm
	144	145	13311	22787	2169	6392	359	51.5	78.7	5.0	13.4	1.3	2.1	0.2	0.7	0.1	26.7	4.52	35.7	0.3
	145	146	12138	19839	1933	5552	312	49.4	73.1	4.5	11.4	1.1	1.8	0.1	0.6	0.1	22.9	3.99	32.7	-0.3
	146	147	10074	18057	1770	4934	277	40.0	62.9	4.1	10.9	1.0	1.6	0.2	0.8	0.1	21.6	3.53	28.5	-0.3
	147	148	15598	29727	2960	9086	511	71.9	109.7	6.5	17.5	1.7	2.7	0.2	1.0	0.2	33.0	5.81	51.6	-0.3
	148	149	14425	26411	2561	7570	409	56.7	88.3	5.5	14.5	1.4	2.2	0.2	0.7	0.1	26.7	5.16	40.4	0.3
	149	150	4961	8992	848	2543	160	23.6	38.7	2.6	6.9	0.7	1.1	0.1	0.6	0.1	16.5	1.76	18.0	0.4
	150	151	10192	18180	1728	4782	284	40.9	66.5	4.4	11.8	1.1	1.9	0.2	0.7	0.1	24.1	3.53	29.7	0.3
	151	152	7025	12591	1214	3394	205	31.0	50.9	3.4	8.8	0.9	1.4	0.1	0.7	0.1	17.8	2.45	22.9	0.3
	152	153	10755	19163	1818	5167	285	41.1	65.7	3.9	10.4	1.0	1.8	0.2	0.7	0.1	20.3	3.73	27.8	0.4
	153	154	9500	16583	1565	4327	253	38.0	62.9	4.5	11.3	1.2	1.9	0.2	0.9	0.1	26.7	3.24	34.1	0.9
	154	155	12666	20514	1806	4712	250	36.7	60.3	4.1	10.8	1.1	1.8	0.1	0.6	0.1	21.6	4.01	28.8	0.9
	155	156	20993	30956	2537	6567	311	45.5	74.1	5.3	13.5	1.3	1.9	0.1	0.7	0.1	24.1	6.15	35.0	2.1
	156	157	14719	24138	2145	5972	308	44.6	71.4	4.9	13.5	1.5	2.5	0.2	1.3	0.2	31.8	4.75	33.8	4.3
	157	158	8491	15785	1528	4351	261	38.2	61.3	3.8	9.8	1.1	1.7	0.1	0.9	0.1	21.6	3.06	26.0	1.2
	158	159	19703	30219	2586	6952	344	49.4	78.0	5.1	13.8	1.3	2.3	0.2	0.9	0.2	29.2	6.00	35.1	1.5
	159	160	12138	20699	1927	5365	289	41.6	68.1	4.8	12.9	1.4	2.4	0.2	1.0	0.2	29.2	4.06	30.7	2.1
	160	161	8855	15908	1510	4176	245	35.1	57.3	3.8	11.3	1.2	2.2	0.2	0.8	0.1	26.7	3.08	25.2	0.6
	161	162	21404	32307	2743	7232	368	54.9	83.2	5.2	14.5	1.5	2.3	0.2	1.0	0.1	30.5	6.42	33.1	0.9
	162	163	11118	18856	1758	4794	296	45.5	73.0	4.5	12.9	1.3	2.2	0.2	1.0	0.2	29.2	3.70	32.8	4.0
	163	164	2533	4668	460	1510	141	29.4	61.7	5.7	24.3	3.2	6.5	0.8	3.4	0.4	83.8	0.95	28.3	59.6
	164	165	9746	16829	1583	4467	279	43.8	71.7	4.7	14.9	1.6	3.1	0.3	1.3	0.2	36.8	3.31	24.5	6.9
	165	166	4726	8673	837	2531	173	27.2	47.4	3.3	11.5	1.4	2.5	0.2	1.1	0.2	31.8	1.71	18.9	23.6
	166	167	2932	5258	503	1545	118	21.1	40.3	3.1	12.4	1.6	3.1	0.3	1.4	0.2	40.6	1.05	18.4	51.2
	167	168	5512	10110	961	2846	181	27.4	44.4	2.8	8.8	1.1	1.9	0.2	0.9	0.1	24.1	1.97	16.4	9.6
	168	169	6603	11952	1121	3313	205	30.9	48.6	3.0	8.2	1.0	1.5	0.2	0.7	0.1	21.6	2.33	18.6	2.5
	169	170	10649	19040	1843	5260	336	50.8	77.8	4.8	12.4	1.3	1.8	0.2	0.7	0.1	26.7	3.73	28.9	0.7
	170	171	8855	15662	1492	4199	256	38.7	59.9	3.5	9.8	0.9	1.5	0.1	0.7	0.1	21.6	3.06	22.3	0.5
	171	172	5207	9778	950	2869	186	28.5	43.8	2.7	7.8	0.9	1.6	0.2	0.7	0.1	20.3	1.91	16.4	0.3
	172	173	6028	10675	990	2904	191	30.3	52.3	3.7	12.2	1.5	2.7	0.3	1.4	0.2	36.8	2.09	24.2	2.0
	173	174	6216	10527	963	2846	210	38.4	73.8	6.3	25.1	3.4	7.3	0.8	3.8	0.5	91.4	2.10	32.5	5.5
	174	175	1226	2506	249	833	90	18.8	43.2	4.2	20.0	2.9	7.0	0.8	3.9	0.6	81.3	0.51	26.3	4.3
	175	176	1231	2481	249	836	91	19.3	44.1	4.4	20.2	2.9	6.8	0.8	4.1	0.5	82.5	0.51	27.3	4.4
	176	177	2897	5135	480	1476	122	23.4	47.1	4.3	18.1	2.6	5.2	0.6	3.1	0.4	67.3	1.03	22.0	2.8
	177	178	6849	11707	1067	3091	198	31.3	52.1	3.3	9.5	1.1	1.8	0.2	0.8	0.1	24.1	2.30	22.2	1.4
	178	179	2404	4521	441	1394	121	24.2	49.0	4.8	20.8	2.9	6.1	0.7	3.5	0.4	78.7	0.91	27.0	4.1
	179	180	1923	3587	341	1075	93	17.1	35.6	3.3	14.0	2.0	4.4	0.5	2.5	0.3	55.9	0.72	21.1	2.9
KGKRC063	0	1	8819	16153	1589	4514	284	43.8	72.5	5.2	16.1	1.7	2.5	0.2	1.1	0.2	39.4	3.15	55.7	4.1
	1	2	6169	11080	1028	3021	176	25.4	38.3	2.5	9.2	1.1	2.2	0.2	1.0	0.1	25.4	2.16	21.9	7.0
	2	3	6181	11215	1060	3114	201	30.1	46.1	3.1	9.6	1.1	1.8	0.2	0.9	0.1	22.9	2.19	30.4	7.4
	3	4	4152	7321	684	1989	115	17.5	26.6	1.8	5.6	0.7	1.6	0.2	0.8	0.1	16.5	1.43	15.3	8.4
	4	5	4867	8587	796	2333	144	21.3	35.0	2.5	7.8	0.8	1.6	0.2	0.8	0.1	21.6	1.68	23.0	8.2
	5	6	5512	9741	915	2683	170	25.8	41.8	2.9	8.5	1.0	1.7	0.2	1.0	0.1	22.9	1.91	22.4	6.2
	6	7	10168	18856	1855	5249	333	52.1	83.0	5.3	15.5	1.6	2.6	0.2	1.0	0.1	35.6	3.67	54.2	3.8
	7	8	14484	26656	2598	7605	482	75.2	122.8	8.2	24.7	2.6	3.9	0.3	1.7	0.2	58.4	5.21	80.5	4.1
	8	9	7236	13942	1365	4012	244	35.4	54.1	3.6	12.1	1.4	2.5	0.2	1.1	0.2	31.8	2.69	31.9	4.5

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 %	Th ppm	U ppm
	9	10	8585	16645	1698	4992	314	47.4	76.5	5.5	18.0	1.8	3.1	0.3	1.3	0.2	43.2	3.24	68.6	4.8
	10	11	10379	19716	1939	5587	357	54.5	89.8	5.8	19.5	2.0	2.9	0.2	0.9	0.1	43.2	3.82	60.5	4.4
	11	12	5653	10429	1085	3254	218	33.9	51.9	3.3	10.0	1.1	1.9	0.2	0.8	0.1	24.1	2.08	33.9	4.2
	12	13	3859	7702	799	2403	154	22.0	33.3	2.0	6.4	0.7	1.1	0.1	0.6	0.1	16.5	1.50	20.8	6.1
	13	14	4199	8009	803	2379	152	21.8	34.6	2.3	7.5	0.9	1.5	0.1	0.8	0.1	20.3	1.56	23.3	8.5
	14	15	6286	11142	1128	3208	184	28.1	44.0	3.0	11.5	1.2	2.5	0.2	0.9	0.1	34.3	2.21	35.1	6.2
	15	16	7377	13021	1299	3697	216	33.2	53.8	4.0	13.8	1.5	2.4	0.2	0.9	0.1	35.6	2.58	55.8	6.4
	16	17	5981	11166	1154	3336	188	27.3	40.6	2.6	7.8	0.9	1.5	0.2	0.8	0.1	22.9	2.19	27.5	5.9
	17	18	8116	14618	1492	4362	248	36.8	58.2	3.8	10.8	1.1	1.8	0.2	0.9	0.1	25.4	2.90	42.7	4.5
	18	19	8585	15232	1583	4689	317	49.7	78.6	4.9	15.7	1.5	2.2	0.2	1.0	0.2	34.3	3.06	47.0	3.5
	19	20	3894	7628	784	2368	159	26.4	41.5	3.0	9.3	1.1	2.1	0.2	1.0	0.2	26.7	1.49	29.8	9.0
	20	21	3882	7678	796	2414	162	25.4	39.0	2.3	7.2	0.9	1.5	0.2	0.8	0.1	19.1	1.50	21.5	8.7
	21	22	4210	7874	820	2438	155	23.2	36.0	2.2	6.9	0.9	1.5	0.1	0.7	0.1	20.3	1.56	22.7	6.0
	22	23	4750	9029	947	2823	181	28.1	41.2	2.6	9.1	1.0	1.5	0.1	0.6	0.1	21.6	1.78	25.4	4.7
	23	24	5864	10908	1132	3324	198	30.1	44.8	2.9	9.9	1.2	2.1	0.2	1.0	0.1	27.9	2.15	28.6	4.6
	24	25	11716	20330	1975	5517	330	52.5	86.9	5.9	20.7	2.4	4.0	0.3	1.6	0.3	61.0	4.01	63.8	3.7
	25	26	15891	27270	2682	7512	453	73.2	119.3	8.2	26.3	2.9	4.5	0.4	1.8	0.2	73.7	5.41	86.4	3.8
	26	27	4445	8034	825	2414	147	22.5	35.0	2.1	8.8	1.0	1.5	0.2	0.8	0.1	25.4	1.60	24.3	9.5
	27	28	3964	7616	767	2286	143	21.5	33.3	2.3	7.6	0.9	1.5	0.1	0.8	0.1	21.6	1.49	21.8	6.5
	28	29	6157	11215	1173	3476	212	31.7	46.8	2.9	9.4	1.0	1.6	0.1	0.8	0.2	21.6	2.23	25.9	5.7
	29	30	5383	10380	1092	3219	188	27.7	41.5	2.5	7.5	0.9	1.6	0.2	0.7	0.1	19.1	2.04	25.9	5.9
	30	31	4023	8058	837	2496	154	22.9	37.0	2.4	8.3	0.9	1.5	0.2	0.9	0.2	21.6	1.57	27.4	7.7
	31	32	3905	7665	778	2315	141	21.3	34.5	2.4	9.1	0.9	1.6	0.1	0.7	0.1	22.9	1.49	23.0	5.4
	32	33	3905	7800	813	2508	170	25.7	38.7	2.4	7.9	1.0	1.6	0.1	0.8	0.1	21.6	1.53	23.8	7.2
	33	34	3917	7604	835	2589	177	27.9	41.3	2.9	9.0	1.0	1.7	0.1	0.9	0.1	22.9	1.52	31.2	7.5
	34	35	4492	8304	874	2659	180	28.7	44.1	3.1	10.2	1.1	1.9	0.2	1.0	0.1	26.7	1.66	38.0	6.8
	35	36	3976	7788	807	2496	176	27.6	42.0	2.7	9.6	1.1	1.7	0.2	0.9	0.1	24.1	1.54	31.3	7.8
	36	37	12432	19777	1849	5004	285	46.6	77.9	5.9	19.2	1.9	3.0	0.3	1.4	0.2	48.3	3.96	64.2	3.0
	37	38	7717	13451	1347	3884	245	40.3	68.4	5.1	17.6	1.7	3.0	0.3	1.1	0.2	43.2	2.68	64.4	5.0
	38	39	7987	14004	1395	4047	276	46.8	78.6	6.2	21.1	2.2	3.2	0.2	1.3	0.2	52.1	2.79	70.4	7.9
	39	40	9476	17136	1728	5051	328	52.9	83.7	5.6	17.8	1.8	3.0	0.2	1.1	0.1	43.2	3.39	57.5	5.1
	40	41	6896	12284	1244	3628	228	35.0	54.6	3.6	11.0	1.3	1.9	0.3	0.9	0.2	26.7	2.44	33.9	5.7
	41	42	5371	10024	1005	3009	195	30.2	47.6	3.1	11.4	1.2	1.9	0.2	0.9	0.1	27.9	1.97	32.1	6.6
	42	43	4703	8906	883	2613	161	23.3	35.9	2.4	6.7	0.8	1.5	0.2	0.8	0.1	17.8	1.74	23.8	8.2
	43	44	9031	15662	1504	4292	284	45.9	78.4	5.7	17.7	1.8	3.1	0.2	1.4	0.2	43.2	3.10	61.3	7.1
	44	45	4398	8279	787	2269	143	22.8	38.3	2.9	10.3	1.1	2.1	0.2	0.8	0.1	26.7	1.60	29.3	5.3
	45	46	4199	8144	802	2356	145	21.4	34.4	2.3	7.5	0.8	1.4	0.2	0.9	0.1	19.1	1.57	24.1	6.9
	46	47	2838	5896	615	1948	144	23.5	41.2	2.8	9.6	1.2	2.3	0.2	1.3	0.2	30.5	1.16	21.8	15.8
	47	48	1601	3489	383	1254	111	21.0	42.3	3.2	12.7	1.6	3.1	0.3	1.6	0.2	38.1	0.70	24.3	25.5
	48	49	3401	6830	686	2094	133	19.9	32.0	1.9	6.4	0.8	1.4	0.2	0.9	0.1	19.1	1.32	21.8	17.9
	49	50	16478	30833	2972	8421	485	74.0	117.6	7.1	20.3	2.1	3.0	0.2	1.0	0.1	41.9	5.95	68.9	6.5
	50	51	4844	9545	981	2939	181	25.8	39.5	2.4	7.1	0.8	1.6	0.2	0.7	0.1	16.5	1.86	23.3	9.5
	51	52	5149	9876	987	2881	166	24.8	39.2	2.5	8.6	1.0	1.7	0.2	1.1	0.1	21.6	1.92	25.0	5.6
	52	53	8655	17075	1764	5272	318	46.3	71.4	3.8	11.9	1.3	2.4	0.2	1.1	0.1	27.9	3.33	34.1	4.6
	53	54	8151	15785	1577	4572	261	36.9	55.9	3.3	10.1	1.2	1.9	0.2	0.9	0.2	22.9	3.05	30.6	5.5

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 %	Th ppm	U ppm
	54	55	3507	7112	715	2175	144	21.9	34.5	2.0	6.5	0.8	1.4	0.1	0.7	0.1	17.8	1.37	26.9	11.1
	55	56	4679	8967	911	2753	186	28.0	42.8	2.6	9.0	0.9	1.7	0.2	0.7	0.1	21.6	1.76	27.8	8.4
	56	57	9031	17075	1704	5039	321	46.7	71.9	3.7	11.9	1.2	1.8	0.2	0.9	0.1	24.1	3.33	34.7	6.8
	57	58	2498	4950	495	1487	107	16.6	29.6	2.3	8.5	1.2	1.9	0.3	1.4	0.2	26.7	0.96	11.1	5.3
	58	59	2439	5245	567	1855	166	30.7	60.7	5.1	20.2	2.7	5.4	0.6	2.6	0.3	62.2	1.05	18.5	15.6
	59	60	3073	6154	611	1860	131	21.9	39.3	2.8	9.8	1.2	2.3	0.2	1.4	0.1	29.2	1.19	20.5	8.7
	60	61	2545	5270	546	1720	135	23.2	41.4	3.1	11.1	1.4	2.6	0.3	1.5	0.2	35.6	1.03	18.3	13.4
	61	62	2651	5466	571	1790	128	19.3	30.9	1.8	5.7	0.7	1.4	0.1	0.8	0.1	16.5	1.07	18.2	12.8
	62	63	5383	9287	870	2473	161	27.4	49.3	3.4	11.4	1.2	1.8	0.2	0.9	0.2	27.9	1.83	29.0	10.0
	63	64	13546	23340	2163	6124	395	64.4	109.3	7.0	20.2	1.9	2.7	0.2	1.0	0.1	40.6	4.58	77.4	3.3
	64	65	9253	16522	1607	4771	346	57.4	96.0	5.8	13.9	1.4	2.1	0.1	0.5	0.1	25.4	3.27	59.1	2.0
	65	66	12197	20944	1963	5622	386	64.5	113.3	7.1	21.4	2.2	3.1	0.2	1.1	0.2	44.5	4.14	86.0	2.0
	66	67	8960	14495	1317	3616	222	36.1	61.4	4.0	12.7	1.2	2.1	0.2	0.8	0.1	29.2	2.88	40.5	4.9
	67	68	10168	18180	1704	4782	278	42.2	64.3	3.8	10.7	1.1	1.8	0.2	0.7	0.1	21.6	3.53	34.1	8.7
	68	69	4879	8488	784	2216	142	22.8	38.0	2.5	8.3	0.9	1.8	0.2	0.8	0.1	22.9	1.66	24.6	7.1
	69	70	3952	7100	658	1884	120	20.0	34.2	2.5	8.2	0.9	1.8	0.1	0.9	0.1	21.6	1.38	29.0	19.3
	70	71	16888	30710	3093	9343	535	84.9	123.3	8.4	22.3	2.2	3.3	0.3	1.4	0.2	48.3	6.09	93.6	5.0
	71	72	4973	9274	900	2776	180	30.7	48.6	4.1	11.8	1.3	2.3	0.2	1.4	0.2	31.8	1.82	49.2	23.7
	72	73	2369	4349	417	1301	84	14.0	22.4	1.9	6.5	0.8	1.4	0.1	0.7	0.1	19.1	0.86	16.0	11.8
	73	74	4480	8083	771	2321	135	22.2	35.5	2.7	6.7	0.7	1.1	0.1	0.5	0.1	15.2	1.59	26.8	17.4
	74	75	3366	6105	580	1732	95	14.7	23.9	1.9	5.3	0.6	1.4	0.1	0.8	0.1	15.2	1.19	22.7	27.3
	75	76	5911	11264	1153	3394	192	30.1	47.0	3.2	9.0	0.9	1.6	0.2	0.7	0.1	20.3	2.20	37.3	19.1
	76	77	6826	12591	1238	3488	201	32.4	50.7	3.7	9.9	0.9	1.6	0.1	0.7	0.1	21.6	2.45	45.4	15.4
	77	78	17709	30710	2972	8550	481	80.2	123.3	8.9	22.7	2.1	3.2	0.3	1.3	0.1	48.3	6.07	97.8	7.0
	78	79	11529	19716	1897	5155	288	47.9	75.6	6.1	16.3	1.6	2.5	0.2	0.9	0.1	35.6	3.88	55.0	5.2
	79	80	11622	21436	2108	6112	356	56.7	86.6	6.2	16.5	1.6	2.2	0.2	1.0	0.1	34.3	4.18	65.8	5.9
	80	81	7131	12345	1202	3348	194	31.8	50.6	3.8	10.7	1.0	1.8	0.1	0.7	0.1	24.1	2.43	31.7	11.1
	81	82	3601	6449	611	1808	112	19.2	34.5	3.2	10.6	1.1	1.9	0.2	0.9	0.1	26.7	1.27	35.1	7.7
	82	83	8409	14557	1414	3814	217	35.8	57.1	5.0	14.2	1.5	2.5	0.2	1.0	0.1	33.0	2.86	42.5	8.4
	83	84	4949	8353	766	2257	136	23.7	38.4	3.1	10.1	1.1	1.7	0.2	0.8	0.1	25.4	1.66	30.7	18.8
	84	85	19996	33044	2996	8550	455	78.5	125.6	10.0	27.4	2.9	4.2	0.4	1.7	0.2	58.4	6.54	78.2	2.6
	85	86	20641	35869	3383	10008	533	86.5	132.0	10.2	28.6	2.7	4.1	0.4	1.4	0.2	57.2	7.08	96.7	6.0
	86	87	14074	23892	2290	6718	370	60.7	96.2	7.4	21.8	2.2	3.4	0.3	1.3	0.2	50.8	4.76	74.0	5.6
	87	88	7834	14188	1438	4082	234	37.2	59.6	4.9	15.2	1.5	2.7	0.2	1.1	0.1	36.8	2.79	46.2	10.6
	88	89	4844	8930	886	2823	189	31.2	49.3	4.1	13.3	1.4	2.3	0.2	1.3	0.2	34.3	1.78	47.3	24.4
	89	90	4292	7469	701	2065	122	21.2	34.1	3.4	12.1	1.4	2.5	0.2	1.1	0.1	34.3	1.48	32.4	24.6
	90	91	13370	22971	2217	6590	392	68.0	110.0	9.6	29.6	3.4	5.8	0.5	3.0	0.4	77.5	4.58	85.4	14.8
	91	92	2967	5466	555	1796	161	35.6	77.6	8.6	37.6	5.3	11.8	1.3	7.5	0.9	143.5	1.13	47.1	12.6
	92	93	14543	25182	2380	6858	361	61.0	99.4	8.4	26.1	2.9	5.2	0.5	2.7	0.3	67.3	4.96	77.4	8.0
	93	94	11353	19470	1849	5097	283	48.1	81.0	6.8	21.6	2.2	3.8	0.3	1.6	0.2	53.3	3.83	60.2	3.1
	94	95	13898	23831	2253	6299	337	54.3	87.7	7.0	21.1	2.1	3.4	0.2	1.4	0.1	47.0	4.68	66.3	1.7
	95	96	14953	24691	2277	6404	332	53.6	85.6	7.2	21.1	2.0	2.9	0.2	1.0	0.1	44.5	4.89	67.0	1.9
	96	97	12959	21988	2096	6065	341	57.6	96.9	7.7	23.0	2.1	3.2	0.3	1.3	0.1	49.5	4.37	96.7	1.2
	97	98	10227	17812	1734	4782	276	47.9	80.2	6.9	21.1	2.0	2.7	0.2	1.1	0.1	44.5	3.50	74.4	2.6
	98	99	10684	17996	1722	4689	276	47.1	79.5	7.2	20.0	2.0	3.1	0.3	1.1	0.2	47.0	3.56	73.0	5.7

Hole ID	From m	To m	La_2O_3 ppm	CeO_2 ppm	Pr_2O_3 ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO %	Th ppm	U ppm
	99	100	15188	27148	2634	7885	439	74.0	117.0	9.5	25.6	2.6	4.0	0.3	1.3	0.2	53.3	5.36	113.5	4.8
	100	101	10837	18856	1758	4689	277	44.5	79.0	6.9	20.9	2.1	3.0	0.3	1.0	0.1	47.0	3.66	71.6	5.7
	101	102	14308	24568	2235	6275	364	57.7	99.1	8.3	26.2	2.7	4.0	0.3	1.1	0.1	58.4	4.80	88.0	2.4
	102	103	10567	18979	1818	5027	300	45.9	77.7	6.4	20.4	2.1	3.2	0.2	0.9	0.1	47.0	3.69	69.8	2.7
	103	104	7482	13082	1202	3219	184	28.8	50.3	4.4	13.9	1.4	2.5	0.2	0.8	0.1	34.3	2.53	40.1	8.3
	104	105	7248	12468	1143	3044	175	27.4	44.7	4.0	12.1	1.3	2.2	0.2	0.7	0.1	30.5	2.42	33.9	12.6
	105	106	15774	27148	2501	7022	385	59.5	95.4	7.7	22.5	2.3	3.5	0.2	1.1	0.1	49.5	5.31	73.8	2.6
	106	107	8608	15785	1553	4246	263	40.4	66.4	5.3	16.9	1.7	2.6	0.2	0.8	0.1	40.6	3.06	49.6	2.9
	107	108	11787	22111	2181	6404	375	59.2	97.7	7.5	23.5	2.4	3.8	0.3	1.1	0.2	50.8	4.31	84.9	2.3
	108	109	7494	13205	1244	3301	188	29.3	48.6	4.2	13.1	1.4	2.3	0.2	0.8	0.1	30.5	2.56	36.0	9.0
	109	110	18882	32675	2948	8281	464	69.4	111.0	8.6	28.2	3.1	4.9	0.4	1.8	0.3	76.2	6.36	86.6	2.6
	110	111	19175	32061	2876	7932	433	66.2	109.4	8.5	24.7	2.5	4.1	0.3	1.4	0.2	58.4	6.28	88.5	2.1
	111	112	11130	20821	2048	6007	359	54.0	86.3	6.7	21.2	2.3	3.8	0.3	1.6	0.2	57.2	4.06	70.9	3.7
	112	113	10133	19163	1909	5412	344	53.0	87.9	6.6	19.9	2.2	3.3	0.3	1.3	0.2	48.3	3.72	60.2	1.9
	113	114	6415	12149	1208	3429	226	35.1	60.1	5.0	15.8	1.8	3.0	0.2	1.1	0.1	40.6	2.36	46.7	8.6
	114	115	6157	11277	1087	3103	194	30.9	51.6	4.2	13.3	1.6	2.6	0.3	1.3	0.2	34.3	2.20	41.0	11.3
	115	116	15540	27393	2537	7162	378	57.8	92.0	7.1	21.6	2.1	4.0	0.3	1.4	0.2	50.8	5.32	59.2	6.4
	116	117	9535	16092	1504	4071	245	38.8	64.2	5.2	15.7	1.7	3.1	0.3	1.3	0.2	40.6	3.16	54.2	13.0
	117	118	7049	12530	1166	3196	193	30.9	52.7	4.5	14.9	1.7	2.7	0.2	0.9	0.1	38.1	2.43	42.7	12.8
	118	119	8585	16215	1607	4421	269	39.8	63.7	4.7	14.0	1.6	3.0	0.2	1.0	0.2	36.8	3.13	38.2	5.9
	119	120	2428	4705	457	1441	103	18.0	32.5	2.7	10.7	1.5	3.4	0.4	1.8	0.2	41.9	0.92	22.1	13.4
	120	121	2135	4041	384	1201	98	18.5	38.2	3.8	16.2	2.3	5.3	0.6	3.0	0.4	62.2	0.80	29.1	19.4
	121	122	1970	3624	326	959	61	10.0	17.3	1.6	6.2	0.8	1.4	0.2	0.7	0.1	20.3	0.70	19.6	28.7
	122	123	2967	5270	466	1330	82	13.0	22.8	2.0	7.1	0.9	1.6	0.2	0.9	0.1	22.9	1.02	21.0	27.1
	123	124	4375	7678	683	1948	113	18.1	29.4	2.5	7.8	0.9	1.8	0.2	0.7	0.1	21.6	1.49	25.8	18.4
	124	125	10532	18426	1746	4584	259	39.4	60.9	4.6	13.2	1.4	2.4	0.2	1.0	0.1	33.0	3.57	45.2	14.6
	125	126	6239	10601	930	2636	166	25.5	44.7	3.5	11.0	1.2	2.1	0.2	0.8	0.1	29.2	2.07	41.3	14.6
	126	127	2733	4864	440	1271	77	13.0	22.3	2.0	7.1	0.9	1.7	0.2	1.0	0.1	22.9	0.95	30.7	22.0
	127	128	3894	7088	657	1913	119	18.3	31.2	2.7	8.8	1.1	2.2	0.2	0.8	0.1	26.7	1.38	46.1	19.6
	128	129	2604	5110	499	1510	93	14.0	23.5	1.8	6.4	0.7	1.6	0.2	0.7	0.1	19.1	0.99	30.9	22.0
	129	130	2932	6130	636	2024	132	19.6	31.8	2.3	7.5	0.8	1.5	0.2	0.9	0.1	19.1	1.19	47.9	19.3
	130	131	5465	10269	1016	2846	184	28.8	52.2	4.3	13.1	1.5	2.3	0.2	1.1	0.1	31.8	1.99	55.2	12.2
	131	132	5500	10171	973	2834	182	26.8	46.7	3.2	9.8	1.2	1.7	0.2	1.0	0.1	26.7	1.98	43.3	11.6
	132	133	10356	19962	1994	5540	320	44.6	72.5	4.7	12.6	1.5	2.4	0.2	1.0	0.1	31.8	3.83	43.6	4.7
	133	134	9652	18917	1915	5575	329	46.4	72.5	4.7	13.5	1.5	2.4	0.2	1.0	0.1	33.0	3.66	43.4	6.5
	134	135	2240	4336	433	1318	87	13.0	23.3	1.9	6.1	0.7	1.8	0.1	0.8	0.1	17.8	0.85	21.7	8.9
	135	136	1349	2850	284	897	60	8.9	14.8	1.0	3.2	0.5	0.9	0.1	0.6	0.1	10.2	0.55	12.4	14.2
	136	137	4586	8439	805	2309	143	21.0	36.3	2.7	7.6	0.9	1.6	0.2	1.0	0.2	21.6	1.64	29.7	19.2
	137	138	3319	6388	638	1919	122	17.4	29.6	2.0	5.6	0.7	1.4	0.1	0.8	0.1	16.5	1.25	18.8	9.9
	138	139	3249	6658	702	2234	173	28.4	48.2	3.7	11.4	1.4	2.4	0.3	1.1	0.2	33.0	1.31	35.9	8.3
	139	140	4140	7383	687	1965	117	17.6	31.6	2.7	10.0	1.3	2.2	0.2	1.3	0.1	30.5	1.44	27.2	10.0
	140	141	14836	24261	2235	6065	344	53.8	93.7	7.2	21.6	2.3	3.8	0.3	1.8	0.2	54.6	4.80	68.0	4.7
	141	142	13018	21681	1994	5459	315	48.6	84.5	6.9	20.4	2.4	3.8	0.3	1.6	0.2	53.3	4.27	76.8	2.7
	142	143	11013	18487	1704	4514	260	39.5	68.1	5.5	16.3	1.8	3.0	0.2	1.1	0.2	39.4	3.62	53.2	4.7
	143	144	3800	6719	619	1744	107	16.2	29.7	2.4	8.3	1.0	1.8	0.2	0.9	0.1	25.4	1.31	28.0	12.8

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 %	Th ppm	U ppm
	144	145	4937	9152	875	2566	163	24.3	39.8	2.9	9.5	1.1	1.9	0.2	0.9	0.1	25.4	1.78	27.3	10.3
	145	146	8128	14802	1444	3954	238	34.7	56.9	4.5	14.7	1.7	2.9	0.2	1.1	0.2	39.4	2.87	40.1	3.5
	146	147	8116	15232	1516	4257	259	38.4	64.2	5.2	17.0	1.9	3.0	0.3	1.3	0.2	43.2	2.96	58.8	6.5
	147	148	3823	7334	718	2181	141	20.6	34.6	2.8	9.1	1.2	1.9	0.2	1.0	0.2	26.7	1.43	26.2	6.0
	148	149	8831	15601	1540	4176	261	38.8	68.8	5.4	18.8	2.3	4.0	0.3	1.8	0.2	57.2	3.06	56.3	2.7
	149	150	19293	32430	3021	8643	503	77.1	130.8	9.9	33.4	3.8	6.1	0.5	2.2	0.3	87.6	6.42	103.5	2.6
	150	151	12138	21190	2036	5715	342	51.8	89.6	6.8	23.2	2.6	4.1	0.4	1.8	0.3	63.5	4.17	69.0	2.6
	151	152	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	152	153	16243	29359	2863	8550	494	69.7	109.4	7.2	23.6	2.9	5.4	0.5	2.4	0.3	73.7	5.78	61.2	2.2
	153	154	12373	23462	2386	7103	419	59.2	93.7	6.0	17.8	2.0	3.8	0.3	1.7	0.2	48.3	4.60	47.3	1.6
	154	155	12080	22725	2259	6730	415	59.4	95.9	6.1	17.9	2.1	3.4	0.3	1.7	0.2	47.0	4.44	51.1	1.7
	155	156	6357	12714	1305	3686	228	34.0	59.9	5.0	17.8	2.1	3.8	0.4	2.1	0.2	55.9	2.45	57.9	3.8
	156	157	5958	11068	1107	3079	197	29.6	55.1	4.9	17.5	2.0	3.2	0.3	1.8	0.2	50.8	2.16	53.9	3.1
	157	158	12138	21251	2030	5750	379	63.2	113.0	8.5	25.7	2.9	4.9	0.4	2.3	0.3	68.6	4.18	105.5	4.8
	158	159	7858	13390	1250	3324	199	30.9	55.4	4.9	16.0	1.6	2.6	0.2	1.3	0.2	38.1	2.62	46.2	3.5
	159	160	5993	11363	1159	3266	208	32.1	54.6	4.6	15.2	1.7	2.6	0.2	1.3	0.1	38.1	2.21	46.6	6.4
	160	161	9711	17566	1704	4666	275	42.2	67.9	5.2	16.2	1.8	3.0	0.2	1.1	0.2	40.6	3.41	45.1	3.5
	161	162	8702	15785	1528	4316	254	38.8	62.5	4.7	15.4	1.7	2.7	0.2	1.0	0.2	39.4	3.08	37.6	3.4
	162	163	13135	23585	2271	6672	416	66.2	109.5	7.9	24.2	2.5	4.2	0.4	1.7	0.2	58.4	4.64	74.1	2.2
	163	164	17592	30587	2876	8503	525	80.8	134.9	10.6	34.3	3.7	5.8	0.4	2.4	0.3	83.8	6.04	107.5	2.6
	164	165	25215	44100	4108	11839	660	99.2	157.9	11.1	31.7	3.4	5.7	0.5	2.2	0.3	77.5	8.63	96.3	2.7
	165	166	15716	27516	2573	7372	394	58.4	92.4	6.5	19.3	2.2	4.0	0.3	1.6	0.2	49.5	5.38	53.2	3.0
	166	167	8163	15601	1571	4537	278	42.3	67.8	4.9	14.1	1.5	2.9	0.3	1.4	0.2	35.6	3.03	36.8	3.6
	167	168	5629	10626	1029	3068	190	29.1	49.0	4.0	12.6	1.4	2.3	0.2	0.9	0.1	31.8	2.07	40.8	2.9
	168	169	6040	10957	1039	3079	201	30.5	48.8	3.5	10.1	1.0	1.7	0.2	0.9	0.1	24.1	2.14	30.3	4.7
	169	170	7142	12898	1299	3558	215	32.9	52.0	3.7	9.9	1.0	1.7	0.1	0.7	0.1	20.3	2.52	33.2	5.6
	170	171	3894	7641	768	2379	156	23.0	35.6	2.4	7.0	0.7	1.4	0.1	0.8	0.1	15.2	1.49	22.3	6.2
	171	172	3636	7186	716	2205	138	20.4	31.0	2.2	6.4	0.7	1.4	0.1	0.8	0.1	15.2	1.40	16.7	4.6
	172	173	9418	17750	1752	4782	268	39.1	63.4	4.6	14.1	1.5	2.9	0.2	0.8	0.1	33.0	3.41	38.7	1.7
	173	174	12021	21620	2126	6042	343	54.0	87.1	6.6	20.8	2.2	3.2	0.2	0.9	0.1	45.7	4.24	56.8	1.8
	174	175	9910	19347	1994	5634	354	53.4	87.4	6.1	18.9	1.9	2.7	0.2	0.9	0.1	40.6	3.75	58.1	3.8
	175	176	7611	15171	1595	4666	303	45.6	71.4	4.8	13.9	1.5	2.6	0.2	1.1	0.1	30.5	2.95	42.4	3.8
	176	177	7740	15232	1595	4677	305	46.0	72.5	4.9	13.8	1.5	2.3	0.2	0.9	0.1	29.2	2.97	41.3	3.0
	177	178	6251	12284	1275	3639	231	34.3	56.0	4.1	12.5	1.3	2.3	0.2	1.0	0.1	29.2	2.38	32.9	5.1
	178	179	7307	14618	1516	4362	279	41.9	67.1	5.0	14.8	1.6	2.7	0.2	1.1	0.2	33.0	2.83	37.5	3.0
	179	180	7611	15785	1710	5039	321	46.7	74.3	5.1	13.9	1.3	2.4	0.2	1.0	0.1	30.5	3.06	38.3	3.0
KGKRC064	0	1	3636	6719	656	2041	153	24.4	42.4	3.1	10.3	1.2	2.4	0.2	1.3	0.1	29.2	1.33	22.3	2.2
	1	2	8245	15416	1625	4771	358	58.6	99.4	6.8	21.8	2.2	4.0	0.3	1.9	0.3	47.0	3.07	51.4	1.0
	2	3	6450	13144	1426	4351	342	55.0	94.9	6.7	19.5	2.0	3.8	0.3	1.9	0.3	45.7	2.59	48.0	0.6
	3	4	2052	4471	472	1598	132	21.5	36.8	2.7	8.3	0.9	1.6	0.1	0.7	0.1	20.3	0.88	22.1	-0.3
	4	5	8737	18610	2084	6928	516	79.8	125.6	7.9	22.8	2.3	4.1	0.3	1.5	0.2	45.7	3.72	64.8	1.0
	5	6	6310	12345	1341	4024	305	49.9	85.2	6.0	17.6	1.9	3.1	0.2	1.4	0.2	38.1	2.45	45.9	0.3
	6	7	924	2297	253	896	94	18.3	36.2	3.1	11.1	1.3	2.4	0.2	1.3	0.2	30.5	0.46	25.1	-0.3
	7	8	882	2727	359	1476	157	25.2	41.4	2.5	7.2	0.8	1.3	0.1	0.7	0.1	16.5	0.57	55.0	0.3
	8	9	2885	8279	1118	4584	458	69.1	105.0	6.3	15.4	1.8	2.5	0.5	1.3	0.4	35.6	1.76	170.0	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 %	Th ppm	U ppm
	9	10	2334	5331	584	2012	166	26.3	43.9	2.9	8.6	1.0	1.6	0.2	1.1	0.1	22.9	1.05	24.1	-0.3
	10	11	10227	19040	1921	5692	415	65.7	103.7	6.5	16.2	1.6	2.4	0.2	1.0	0.1	33.0	3.75	50.7	0.4
	11	12	12549	22787	2277	6823	482	76.3	121.0	7.7	18.4	2.0	2.5	0.2	1.0	0.2	36.8	4.52	58.7	0.8
	12	13	14074	24445	2332	7022	487	77.8	130.2	8.7	20.0	1.9	2.7	0.3	0.9	0.1	38.1	4.86	59.5	0.4
	13	14	14308	24568	2320	6590	451	71.4	119.3	7.7	19.5	2.0	2.6	0.2	0.9	0.1	39.4	4.85	53.9	0.5
	14	15	16243	28867	2815	8410	561	88.5	142.4	9.1	22.0	2.3	3.1	0.3	1.0	0.2	44.5	5.72	66.8	0.4
	15	16	19938	34395	3214	9541	626	98.8	160.8	10.3	25.1	2.7	3.5	0.3	1.3	0.2	49.5	6.81	73.4	0.6
	16	17	11904	22173	2187	6520	466	73.3	122.8	8.1	21.1	2.4	3.4	0.3	1.6	0.2	48.3	4.35	67.0	0.7
	17	18	16888	32184	3226	10218	711	111.6	182.7	11.7	29.3	3.0	4.1	0.3	1.4	0.2	58.4	6.36	109.5	0.5
	18	19	21169	36606	3419	10229	676	106.9	175.8	11.6	28.5	2.7	3.4	0.3	1.1	0.1	52.1	7.25	79.2	0.6
	19	20	17475	30464	2888	8526	558	90.2	151.6	10.2	26.6	2.7	3.9	0.3	1.3	0.2	55.9	6.03	64.7	0.6
	20	21	14895	25428	2356	6882	442	70.6	121.0	8.3	21.6	2.2	3.2	0.3	1.0	0.1	45.7	5.03	56.0	0.4
	21	22	14895	25428	2344	6788	438	70.9	119.3	8.2	20.9	2.3	3.2	0.3	1.1	0.2	45.7	5.02	56.3	0.4
	22	23	10907	19040	1794	5155	349	55.9	93.8	6.5	16.1	1.7	2.3	0.2	0.9	0.1	35.6	3.75	44.4	0.4
	23	24	14543	24814	2302	6567	422	66.9	114.1	7.7	19.1	2.1	2.9	0.3	1.0	0.1	41.9	4.89	52.8	0.4
	24	25	6450	11547	1098	3406	247	40.0	68.5	4.6	11.7	1.3	2.1	0.2	0.8	0.1	26.7	2.29	33.2	0.3
	25	26	9089	16215	1553	4549	321	53.0	92.7	6.5	16.6	1.8	2.7	0.2	1.1	0.1	38.1	3.19	50.6	0.3
	26	27	14191	23954	2229	6112	393	60.7	101.5	7.2	19.3	2.2	3.1	0.3	1.4	0.2	45.7	4.71	46.2	0.3
	27	28	14953	26902	2610	7862	510	79.7	129.1	8.3	20.9	2.3	3.7	0.3	1.8	0.2	50.8	5.31	61.1	0.7
	28	29	9077	16031	1510	4409	306	49.2	80.9	5.6	14.7	1.7	2.9	0.3	1.4	0.2	39.4	3.15	40.4	0.5
	29	30	10954	18672	1710	4782	312	50.8	88.2	6.3	17.2	1.9	2.7	0.2	1.1	0.2	38.1	3.66	51.5	0.7
	30	31	8409	14679	1395	4059	279	44.5	75.4	5.1	12.9	1.4	1.9	0.2	0.8	0.1	29.2	2.90	37.8	0.4
	31	32	14484	24138	2199	6182	391	61.0	99.5	6.7	17.0	1.8	2.3	0.2	0.9	0.1	34.3	4.76	42.8	0.7
	32	33	13663	23094	2139	6007	397	63.7	107.5	7.7	19.3	1.9	2.6	0.2	0.8	0.1	38.1	4.55	55.4	0.6
	33	34	12256	20637	1927	5377	340	52.3	87.0	5.9	14.0	1.5	2.1	0.2	0.7	0.1	31.8	4.07	37.8	0.5
	34	35	9922	17013	1589	4502	296	46.1	79.3	5.5	14.0	1.4	2.1	0.2	0.9	0.1	30.5	3.35	35.1	0.6
	35	36	19879	34518	3226	9774	662	106.4	177.5	12.0	29.0	2.9	3.7	0.3	1.1	0.2	54.6	6.84	80.9	0.8
	36	37	27326	47785	4446	13589	942	152.3	258.2	16.8	41.2	4.0	4.8	0.3	1.0	0.1	74.9	9.46	121.0	0.6
	37	38	12197	21128	2024	5867	404	62.3	102.8	6.7	17.1	1.7	2.4	0.2	0.9	0.1	34.3	4.18	47.5	0.3
	38	39	13311	22971	2187	6240	386	62.8	103.6	6.9	17.5	1.8	2.6	0.2	0.8	0.1	35.6	4.53	41.4	0.3
	39	40	13487	23401	2247	6672	419	65.5	104.2	6.4	17.2	1.7	2.9	0.2	1.0	0.2	38.1	4.65	39.3	0.4
	40	41	17475	29359	2682	7605	430	66.6	106.2	6.7	17.9	1.8	2.5	0.2	0.7	0.1	35.6	5.78	40.4	0.4
	41	42	9922	17198	1643	4537	318	54.4	96.2	6.6	17.5	1.9	2.9	0.2	0.9	0.1	38.1	3.38	33.5	0.6
	42	43	9289	16645	1637	4607	318	52.6	87.3	5.7	15.4	1.6	2.5	0.2	1.0	0.1	31.8	3.27	35.5	0.5
	43	44	8890	15908	1547	4316	293	48.5	81.1	5.6	14.7	1.5	2.6	0.2	1.1	0.2	33.0	3.11	32.6	0.7
	44	45	4504	8967	898	2799	212	34.9	58.2	3.7	9.4	1.0	1.3	0.1	0.6	0.1	19.1	1.75	27.0	0.3
	45	46	10567	19470	1921	5914	405	66.4	110.2	7.1	19.3	2.0	3.2	0.2	1.4	0.1	39.4	3.85	49.6	0.9
	46	47	20231	34150	3226	9320	600	101.1	171.7	11.6	28.5	2.8	4.0	0.3	1.1	0.1	53.3	6.79	68.1	0.4
	47	48	15188	26042	2501	7337	463	75.2	122.8	7.9	22.0	2.1	3.4	0.3	1.0	0.1	43.2	5.18	48.4	0.3
	48	49	15364	27148	2646	7955	530	86.7	142.4	9.1	23.1	2.3	3.3	0.3	1.0	0.2	44.5	5.40	57.3	0.3
	49	50	11529	22418	2314	7360	499	79.8	126.2	7.5	19.3	1.9	2.7	0.2	0.8	0.1	36.8	4.44	55.4	0.3
	50	51	5571	10982	1162	3511	266	42.4	69.3	4.3	11.0	1.2	1.8	0.2	0.7	0.1	24.1	2.16	29.1	0.4
	51	52	5371	11080	1197	3639	273	44.0	75.0	4.8	12.9	1.3	2.3	0.2	0.9	0.1	29.2	2.17	33.2	0.7
	52	53	6556	12468	1281	3837	317	56.6	104.4	7.8	24.2	3.2	5.4	0.6	3.3	0.5	72.4	2.47	67.4	2.8
	53	54	4163	8427	863	2858	241	43.1	82.6	6.8	24.9	3.5	7.6	0.8	4.1	0.5	92.7	1.68	48.1	4.7

Hole ID	From m	To m	La_2O_3 ppm	CeO_2 ppm	Pr_2O_3 ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO %	Th ppm	U ppm
	54	55	8491	17566	1897	5937	406	60.6	94.7	5.4	13.9	1.5	2.1	0.2	0.9	0.1	26.7	3.45	37.7	0.8
	55	56	7776	15355	1601	4829	353	57.1	91.4	5.6	14.2	1.4	2.2	0.2	0.8	0.1	26.7	3.01	39.1	1.2
	56	57	5829	11412	1214	3651	268	43.9	72.2	4.6	11.0	1.1	1.7	0.1	0.6	0.1	22.9	2.25	30.0	0.4
	57	58	7459	14495	1516	4514	336	53.5	88.1	5.4	13.7	1.4	2.1	0.2	0.9	0.1	27.9	2.85	39.5	0.6
	58	59	7717	14249	1444	4269	328	54.2	90.9	5.6	14.7	1.4	1.9	0.2	0.7	0.1	26.7	2.82	40.0	1.2
	59	60	6075	11473	1194	3616	302	52.3	90.0	6.6	18.6	2.2	4.0	0.4	2.2	0.3	50.8	2.29	48.1	2.2
	60	61	6744	12714	1329	4071	334	58.1	103.0	7.2	22.5	2.6	4.9	0.5	2.5	0.3	62.2	2.55	48.9	2.1
	61	62	8128	15846	1691	5249	406	68.6	114.0	7.2	19.7	2.2	3.4	0.3	1.4	0.2	44.5	3.16	46.1	1.4
	62	63	11400	20760	2132	6870	524	89.9	148.1	8.9	21.8	2.2	3.0	0.3	0.9	0.1	39.4	4.20	64.3	1.0
	63	64	16536	28867	2743	8153	544	89.0	145.2	9.0	24.3	2.4	3.5	0.3	1.0	0.1	45.7	5.72	55.8	0.6
	64	65	15598	27393	2646	7850	537	89.3	149.8	9.7	23.5	2.4	3.2	0.2	1.0	0.1	45.7	5.43	58.3	0.5
	65	66	5184	10196	1058	3243	245	40.8	64.8	4.1	10.6	1.0	1.6	0.1	0.7	0.1	22.9	2.01	28.3	0.3
	66	67	5946	11105	1144	3418	257	43.3	73.1	4.3	11.5	1.1	1.9	0.2	0.8	0.1	24.1	2.20	30.0	0.4
	67	68	4046	7653	741	2391	192	32.2	53.0	3.5	9.4	0.9	1.4	0.1	0.5	0.1	19.1	1.51	28.0	-0.3
	68	69	5782	11031	1104	3254	247	39.1	62.6	4.3	10.8	1.1	1.8	0.2	0.7	0.1	21.6	2.16	29.7	-0.3
	69	70	11341	20883	2054	6240	414	63.8	101.9	6.7	16.1	1.6	2.3	0.2	0.9	0.1	31.8	4.12	43.8	-0.3
	70	71	13077	23647	2229	6742	453	69.7	111.9	7.4	17.9	1.9	2.9	0.3	1.1	0.2	36.8	4.64	44.4	-0.3
	71	72	11247	20146	1909	5727	398	62.1	100.9	6.4	16.9	1.7	2.7	0.2	1.3	0.1	35.6	3.97	40.9	-0.3
	72	73	9171	18242	1843	5809	417	64.3	101.0	6.1	15.4	1.4	2.4	0.2	0.9	0.1	30.5	3.57	44.3	0.4
	73	74	12432	24384	2374	7150	457	68.0	104.4	6.5	15.8	1.7	2.7	0.2	1.0	0.2	33.0	4.70	42.6	0.5
	74	75	10074	19839	2000	6077	393	58.1	88.9	5.4	13.5	1.3	2.4	0.2	1.0	0.2	27.9	3.86	36.3	0.5
	75	76	13780	27270	2670	8200	518	77.0	113.5	6.8	17.0	1.8	2.7	0.2	1.0	0.2	33.0	5.27	46.8	0.5
	76	77	12901	21681	1945	5400	337	54.1	91.1	6.3	14.9	1.5	2.4	0.2	1.0	0.2	29.2	4.25	48.8	0.4
	77	78	7670	13512	1263	3418	220	34.5	56.8	4.1	10.1	1.1	2.2	0.2	1.1	0.2	24.1	2.62	30.4	0.5
	78	79	10121	19777	1981	6124	407	61.6	96.8	6.4	16.8	1.7	3.0	0.3	1.3	0.2	33.0	3.86	41.5	0.4
	79	80	12666	22971	2187	6660	445	70.4	113.5	7.4	18.0	1.7	2.5	0.2	0.8	0.1	31.8	4.52	47.6	0.5
	80	81	7377	13758	1383	4082	328	54.0	92.0	6.3	14.2	1.5	1.8	0.2	0.7	0.1	25.4	2.71	38.7	-0.3
	81	82	7869	15109	1522	4456	334	54.9	93.1	6.0	14.0	1.4	2.2	0.2	0.7	0.1	27.9	2.95	41.2	-0.3
	82	83	9324	14802	1462	4316	288	50.4	79.5	5.2	13.8	1.3	1.8	0.2	0.8	0.1	26.7	3.04	37.5	-0.3
	83	84	6650	13144	1341	4012	304	48.6	77.7	5.1	12.6	1.3	1.8	0.2	0.9	0.2	24.1	2.56	36.4	-0.3
	84	85	8374	16891	1716	5307	394	62.0	98.0	6.3	15.3	1.6	2.3	0.2	1.3	0.1	30.5	3.29	52.3	0.3
	85	86	9148	17259	1722	5086	376	59.9	98.7	6.2	15.2	1.4	2.1	0.2	0.7	0.1	25.4	3.38	43.7	0.5
	86	87	14425	25551	2386	7255	516	83.0	137.2	8.7	20.9	2.1	2.9	0.2	0.9	0.1	38.1	5.04	64.3	0.7
	87	88	14425	25182	2404	7313	513	81.6	134.3	8.7	21.1	2.0	3.0	0.2	1.0	0.1	39.4	5.01	64.6	0.7
	88	89	13546	25428	2489	7978	572	91.7	144.1	8.9	21.8	1.9	2.7	0.2	0.8	0.1	38.1	5.03	65.8	0.7
	89	90	9582	19102	1927	6030	424	65.0	101.9	6.1	15.2	1.5	2.4	0.2	1.0	0.1	27.9	3.73	51.8	0.5
	90	91	8984	16952	1685	4911	358	57.7	95.2	6.2	15.2	1.4	2.4	0.2	0.8	0.1	27.9	3.31	43.8	0.3
	91	92	8081	15785	1559	4549	322	49.6	79.6	5.5	12.9	1.3	1.8	0.2	0.6	0.1	25.4	3.05	37.3	0.8
	92	93	7846	14372	1414	4234	329	52.9	88.6	6.0	14.9	1.4	2.2	0.2	0.8	0.1	29.2	2.84	40.6	0.6
	93	94	5078	10061	956	2998	223	34.4	55.4	3.7	9.2	1.0	1.6	0.2	1.0	0.1	20.3	1.94	24.8	0.3
	94	95	6251	11793	1153	3394	242	37.1	61.0	3.9	10.0	1.0	1.6	0.2	0.8	0.1	20.3	2.30	27.1	0.8
	95	96	4386	8636	820	2589	192	29.4	46.5	3.2	7.9	0.8	1.4	0.1	0.8	0.1	16.5	1.67	21.8	3.5
	96	97	6298	12345	1220	3569	239	36.4	57.1	3.9	10.1	1.0	1.7	0.2	0.7	0.1	20.3	2.38	31.0	0.7
	97	98	7131	13451	1377	3814	264	40.2	66.0	4.1	10.7	1.1	1.8	0.2	0.8	0.2	21.6	2.62	28.0	0.7
	98	99	13663	27025	2827	8351	589	89.5	140.0	7.8	20.7	2.1	3.2	0.3	1.5	0.2	40.6	5.28	70.8	-0.3

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 %	Th ppm	U ppm
	99	100	2533	4987	507	1575	137	24.2	46.5	4.0	15.6	2.3	4.8	0.5	2.9	0.4	58.4	0.99	22.2	3.7
	100	101	3612	7309	748	2315	191	31.8	56.9	4.4	14.7	1.9	4.4	0.5	2.4	0.4	49.5	1.43	33.8	2.8
	101	102	2522	5245	549	1773	159	27.6	53.4	4.4	16.1	2.3	5.0	0.6	3.4	0.5	62.2	1.04	39.6	3.5
	102	103	3636	7063	698	2111	150	23.9	39.7	2.3	6.4	0.7	1.1	0.2	0.6	0.1	14.0	1.37	18.4	3.8
	103	104	6720	12530	1220	3581	245	38.1	59.8	3.9	10.8	1.1	1.8	0.2	0.7	0.1	21.6	2.44	27.3	0.6
	104	105	5454	10380	1011	2998	217	33.7	53.4	3.4	9.9	1.1	1.7	0.2	0.9	0.1	21.6	2.02	23.3	0.9
	105	106	8866	16092	1595	4537	341	53.7	90.5	5.5	16.1	1.6	2.5	0.2	0.9	0.2	34.3	3.16	40.3	1.9
	106	107	3213	6400	645	1977	154	24.3	40.2	2.5	8.2	0.9	1.7	0.2	0.9	0.2	21.6	1.25	19.2	-0.3
	107	108	6216	12960	1438	4304	313	46.3	71.2	3.7	10.0	1.0	1.7	0.2	0.8	0.1	19.1	2.54	28.1	0.5
	108	109	6310	12714	1341	3849	260	37.9	59.0	3.1	8.5	0.9	1.5	0.2	0.8	0.2	19.1	2.46	22.4	-0.3
	109	110	4316	8464	845	2531	177	27.6	42.7	2.6	7.1	0.7	1.1	0.1	0.6	0.1	15.2	1.64	18.7	0.5
	110	111	5301	10663	1097	3301	240	37.1	58.3	3.4	8.4	0.9	1.4	0.1	0.5	0.1	16.5	2.07	25.8	0.3
	111	112	4093	8402	866	2683	199	30.8	49.2	2.9	7.7	0.8	1.5	0.2	0.7	0.1	16.5	1.64	21.3	-0.3
	112	113	7060	14372	1516	4327	308	46.7	74.0	4.1	11.6	1.3	2.1	0.2	1.1	0.2	24.1	2.77	32.7	-0.3
	113	114	5043	10527	1073	3231	221	33.0	52.7	2.7	7.7	0.9	1.6	0.2	0.7	0.1	16.5	2.02	19.8	-0.3
	114	115	6697	12960	1311	3732	261	40.9	64.2	4.1	10.7	1.1	1.9	0.2	0.9	0.2	22.9	2.51	28.1	0.3
	115	116	4175	7849	771	2286	164	25.2	40.6	2.5	7.5	0.8	1.4	0.2	1.0	0.1	17.8	1.53	17.4	0.8
	116	117	6486	11903	1113	3126	212	33.7	55.3	3.7	9.4	1.0	1.9	0.2	1.0	0.2	22.9	2.30	23.9	-0.3
	117	118	4879	9446	944	2776	202	33.0	54.1	3.2	8.4	1.0	1.7	0.2	1.0	0.1	20.3	1.84	23.7	-0.3
	118	119	2170	4410	451	1400	104	16.4	26.6	1.7	4.9	0.6	1.1	0.1	0.7	0.1	12.7	0.86	11.7	-0.3
	119	120	4996	8378	761	2187	144	23.4	39.5	2.9	7.8	1.0	1.7	0.3	0.7	0.3	17.8	1.66	18.0	0.4
	120	121	4175	7592	730	2152	145	22.0	34.1	2.2	5.7	0.6	1.0	0.1	0.5	0.1	12.7	1.49	16.8	0.4
	121	122	1783	3882	413	1301	99	14.7	23.9	1.4	3.9	0.4	0.7	0.1	0.2	-0.1	8.9	0.75	10.2	-0.3
	122	123	1906	4263	465	1510	114	16.3	24.7	1.4	3.7	0.4	0.6	0.1	0.2	-0.1	7.6	0.83	10.0	0.3
	123	124	1941	4127	435	1376	107	17.0	26.7	1.6	5.6	0.6	1.0	0.1	0.6	0.1	12.7	0.81	13.6	-0.3
	124	125	9863	18549	1824	5377	372	58.1	91.1	5.8	15.2	1.5	2.3	0.2	1.1	0.2	31.8	3.62	45.1	-0.3
	125	126	2885	6056	627	1960	149	23.0	37.1	2.2	6.2	0.8	1.3	0.2	0.8	0.1	16.5	1.18	15.6	-0.3
	126	127	2369	4914	506	1598	119	18.8	30.1	2.0	6.1	0.6	1.0	0.1	0.6	0.1	14.0	0.96	12.7	-0.3
	127	128	1876	3783	356	1145	84	14.0	23.2	1.7	5.1	0.6	1.1	0.1	0.7	0.1	14.0	0.73	10.8	-0.3
	128	129	3084	6216	586	1849	128	19.9	32.9	2.5	7.1	0.8	1.7	0.2	0.8	0.2	20.3	1.19	15.4	-0.3
	129	130	3167	6818	668	2193	158	23.4	39.0	2.5	6.9	0.7	1.4	0.1	0.7	0.1	16.5	1.31	16.4	-0.3
	130	131	2697	5626	552	1808	136	20.6	33.3	2.2	6.0	0.7	1.3	0.1	0.7	0.1	15.2	1.09	15.2	-0.3
	131	132	3307	6953	691	2234	165	24.9	42.8	2.7	6.9	0.8	1.4	0.2	0.7	0.1	16.5	1.34	19.6	-0.3
	132	133	3894	8476	865	2916	228	34.6	56.6	3.5	9.0	1.0	1.6	0.2	0.7	0.1	20.3	1.65	25.1	0.3
	133	134	3765	7616	731	2368	168	24.9	40.8	2.6	7.1	0.7	1.1	0.1	0.6	0.1	15.2	1.47	17.0	0.7
	134	135	4375	8746	843	2718	202	30.9	49.8	3.1	8.3	0.9	1.4	0.2	0.8	0.1	19.1	1.70	20.9	2.4
	135	136	7178	14127	1420	4222	288	41.7	66.7	4.2	10.4	1.0	1.8	0.2	0.9	0.1	22.9	2.74	29.4	0.9
	136	137	5829	11461	1124	3359	227	33.8	56.4	3.6	9.8	1.0	1.8	0.2	0.9	0.1	22.9	2.21	24.8	0.7
	137	138	8386	15478	1474	4129	266	41.3	67.7	4.6	11.7	1.1	2.1	0.2	0.9	0.1	25.4	2.99	31.6	0.6
	138	139	6075	12345	1250	3709	263	39.7	65.6	4.3	10.6	1.1	1.8	0.2	0.9	0.1	22.9	2.38	31.7	0.3
	139	140	4081	8193	783	2508	176	26.6	44.7	2.9	7.7	0.9	1.6	0.1	0.7	0.1	20.3	1.58	19.8	-0.3
	140	141	5031	9827	923	2858	194	29.2	47.7	3.2	8.3	0.9	1.6	0.2	0.8	0.1	19.1	1.89	21.6	-0.3
	141	142	18354	33167	2996	8818	506	74.6	121.6	7.8	20.3	2.0	3.1	0.2	1.1	0.1	40.6	6.41	66.9	0.3
	142	143	3988	7886	748	2315	152	22.2	35.6	2.5	6.8	0.7	1.3	0.1	0.6	-0.1	16.5	1.52	17.6	0.5
	143	144	5149	9606	881	2706	169	24.6	39.5	2.6	7.2	0.7	1.3	0.1	0.6	0.1	16.5	1.86	18.0	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 %	Th ppm	U ppm
	144	145	6767	11952	1091	3056	189	28.0	46.6	3.3	8.4	0.9	1.6	0.2	0.8	0.1	20.3	2.32	21.3	0.6
	145	146	4656	9373	890	2788	183	25.5	41.0	2.6	6.5	0.8	1.4	0.1	0.5	0.1	16.5	1.80	18.0	0.5
	146	147	9347	19347	1951	6170	379	55.0	88.1	5.5	14.7	1.5	2.6	0.2	1.1	0.1	29.2	3.74	43.4	0.3
	147	148	4539	9078	861	2718	190	29.9	50.8	3.5	9.6	1.1	2.3	0.3	1.1	0.1	25.4	1.75	22.2	-0.3
	148	149	7049	13697	1347	3919	256	37.2	61.0	3.9	9.6	1.0	1.6	0.2	0.8	0.2	20.3	2.64	26.3	0.3
	149	150	7952	15785	1553	4596	298	43.1	69.2	4.4	10.6	1.1	1.7	0.2	0.8	0.1	21.6	3.03	30.6	-0.3
	150	151	10309	21804	2265	7313	496	71.2	112.2	6.6	16.8	1.5	2.4	0.2	0.9	0.1	30.5	4.24	56.1	-0.3
	151	152	7037	13451	1293	3697	234	33.8	54.5	3.4	8.6	0.8	1.1	0.1	0.5	0.1	16.5	2.58	25.7	0.6
	152	153	3354	6031	542	1639	108	15.5	26.6	1.8	4.8	0.5	0.9	0.1	0.3	-0.1	10.2	1.17	15.2	0.8
	153	154	5219	8623	715	2053	129	19.7	33.7	2.4	6.7	0.7	1.1	0.1	0.5	0.1	15.2	1.68	18.7	-0.3
	154	155	4034	7506	753	2170	143	22.0	35.2	2.5	6.7	0.7	1.5	0.1	0.5	0.1	15.2	1.47	15.3	0.4
	155	156	4832	9213	928	2648	177	27.1	43.8	3.1	9.2	1.1	1.8	0.2	0.8	0.1	21.6	1.79	22.1	0.4
	156	157	5735	11412	1220	3406	227	34.2	55.4	4.0	10.9	1.2	2.2	0.2	1.0	0.1	27.9	2.21	23.4	0.5
	157	158	6321	12198	1299	3628	250	40.3	64.9	4.7	13.2	1.4	2.3	0.2	0.9	0.1	30.5	2.39	36.7	0.6
	158	159	7119	12898	1305	3476	224	34.3	57.1	4.0	10.4	1.2	1.9	0.2	1.0	0.2	24.1	2.52	25.0	0.5
	159	160	4527	8881	912	2706	191	28.6	47.4	3.2	8.8	1.2	2.2	0.2	1.3	0.2	24.1	1.73	18.8	-0.3
	160	161	4304	8464	872	2578	179	28.1	45.1	3.2	8.7	1.0	2.1	0.2	1.0	0.2	21.6	1.65	17.3	-0.3
	161	162	5184	9557	1011	3103	189	30.0	45.6	2.8	8.8	1.1	1.9	0.2	1.0	0.1	21.6	1.92	19.6	-0.3
	162	163	5231	10552	1121	3243	210	31.7	49.3	3.0	7.7	0.8	1.6	0.1	0.6	0.1	17.8	2.05	19.1	0.6
	163	164	8339	16092	1704	4549	293	43.9	68.7	4.4	10.7	1.1	1.9	0.1	0.7	0.1	20.3	3.11	29.8	-0.3
	164	165	7682	12407	1226	3569	213	34.3	52.1	3.5	9.2	0.9	1.8	0.2	0.7	0.1	20.3	2.52	25.7	0.3
	165	166	9805	17382	1770	5249	317	48.1	71.8	4.5	10.8	1.1	1.7	0.2	0.7	0.1	22.9	3.47	32.6	0.4
	166	167	3342	6203	588	1720	102	15.5	23.9	1.5	4.5	0.5	1.1	0.2	0.7	0.1	11.4	1.20	10.0	0.4
	167	168	3471	6904	687	2059	128	18.8	29.9	1.7	5.3	0.6	1.1	0.1	0.7	0.1	14.0	1.33	11.0	0.5
	168	169	7131	12530	1238	3301	199	29.1	45.2	3.0	7.5	0.8	1.3	0.2	0.6	0.1	15.2	2.45	19.6	0.5
	169	170	13370	21743	2060	5249	297	44.1	70.1	4.9	11.9	1.2	2.1	0.2	0.8	0.1	22.9	4.29	32.8	0.5
	170	171	9934	16461	1601	4106	252	38.3	62.0	4.1	10.3	1.0	1.7	0.2	0.7	0.1	21.6	3.25	25.7	1.2
	171	172	6533	11559	1157	3044	180	26.6	40.6	2.7	6.8	0.7	1.1	0.1	0.6	0.1	14.0	2.26	17.2	1.3
	172	173	11282	18242	1722	4444	262	39.7	64.2	4.5	10.6	1.1	1.5	0.1	0.5	-0.1	19.1	3.61	29.7	0.8
	173	174	9124	15048	1444	3674	215	32.2	50.9	3.5	8.2	0.8	1.4	0.1	0.3	-0.1	16.5	2.96	21.6	1.1
	174	175	6216	10589	964	2869	161	25.1	43.0	2.4	7.1	0.7	1.0	0.1	0.3	-0.1	14.0	2.09	18.7	-0.3
	175	176	3694	6953	690	1977	126	19.1	30.5	2.1	5.6	0.6	1.1	0.1	0.3	0.1	12.7	1.35	13.2	0.9
	176	177	6204	11928	1257	3441	216	31.8	49.1	3.2	7.8	0.9	1.5	0.1	0.7	0.1	15.2	2.32	19.5	0.7
	177	178	4855	8636	838	2368	145	21.8	33.9	2.3	6.2	0.7	1.1	0.1	0.6	0.1	14.0	1.69	14.4	3.2
	178	179	4515	7432	690	1866	121	19.7	33.2	2.7	8.4	1.0	1.9	0.2	0.8	0.1	24.1	1.47	14.2	4.8
	179	180	2791	5110	510	1470	101	16.0	29.2	2.4	7.5	1.0	1.9	0.2	0.9	0.1	22.9	1.01	10.6	5.1
KGKRC065	0	1	10051	19163	2000	6205	471	74.2	123.3	8.5	25.4	3.1	5.5	0.6	3.1	0.4	73.7	3.82	62.6	2.5
	1	2	7893	14986	1516	4654	353	54.4	89.8	6.2	20.1	2.3	4.6	0.5	2.9	0.3	54.6	2.96	45.7	1.9
	2	3	6978	13082	1371	4246	308	46.4	78.2	5.1	16.0	2.0	4.1	0.4	2.3	0.4	50.8	2.62	36.2	3.0
	3	4	3131	6461	703	2321	217	40.3	73.0	5.4	16.1	1.9	4.0	0.4	2.2	0.4	44.5	1.30	41.0	3.4
	4	5	3178	6400	656	2070	166	26.4	43.5	2.9	9.3	1.2	2.4	0.2	1.5	0.2	27.9	1.26	24.8	2.6
	5	6	2568	5331	571	1866	175	29.8	51.1	3.5	10.6	1.2	2.2	0.2	1.4	0.2	26.7	1.06	34.1	4.3
	6	7	1618	3562	404	1388	144	25.5	44.0	3.0	9.6	1.2	2.1	0.2	1.1	0.2	25.4	0.72	26.2	3.9
	7	8	2357	5319	586	1954	174	26.5	44.1	2.8	9.4	1.1	2.3	0.2	1.4	0.1	24.1	1.05	19.1	0.4
	8	9	2228	4840	523	1720	157	26.6	46.3	3.1	9.6	1.1	2.3	0.2	1.0	0.1	26.7	0.96	25.0	-0.3

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 %	Th ppm	U ppm
	9	10	2217	4877	529	1738	147	23.6	39.5	2.9	8.7	0.9	1.6	0.2	0.8	0.1	21.6	0.96	18.5	-0.3
	10	11	2991	6572	715	2368	199	32.8	52.1	3.3	10.6	1.2	2.2	0.2	1.3	0.2	27.9	1.30	21.7	-0.3
	11	12	3730	8206	878	2834	221	33.4	51.9	3.3	10.3	1.0	1.8	0.2	0.8	0.1	21.6	1.60	22.2	0.3
	12	13	2023	4471	492	1645	138	21.3	34.6	2.2	6.8	0.7	1.6	0.1	0.9	0.1	17.8	0.89	14.6	-0.3
	13	14	4433	9606	1020	3266	250	37.1	57.1	3.5	10.1	1.1	2.1	0.2	1.1	0.1	24.1	1.87	23.3	0.4
	14	15	4785	10269	1087	3476	256	38.1	59.1	3.6	10.7	1.2	2.4	0.3	1.4	0.2	25.4	2.00	26.6	-0.3
	15	16	4539	9201	954	2998	217	32.5	52.6	3.4	9.6	1.2	2.3	0.2	1.5	0.2	25.4	1.80	22.7	0.4
	16	17	3460	7076	725	2269	170	26.8	48.9	4.1	14.8	1.9	4.4	0.5	2.9	0.4	50.8	1.39	19.8	3.0
	17	18	9769	17689	1685	5027	361	57.9	97.2	6.7	20.9	2.3	4.2	0.4	2.2	0.3	55.9	3.48	44.2	2.4
	18	19	3213	5982	591	1825	161	30.1	62.0	5.8	22.0	3.2	6.8	0.7	4.4	0.5	86.4	1.20	29.2	4.8
	19	20	644	1376	158	554	72	17.0	40.9	4.8	20.7	3.0	7.4	0.8	4.4	0.5	86.4	0.30	19.1	6.0
	20	21	611	1345	155	558	74	15.9	39.0	4.5	19.5	3.0	7.0	0.8	4.1	0.6	82.5	0.29	15.1	5.5
	21	22	1149	2506	279	947	92	17.4	37.5	3.7	15.6	2.3	5.5	0.6	3.3	0.4	64.8	0.51	14.5	4.8
	22	23	10215	22234	2386	7698	562	83.5	120.5	6.9	17.3	1.8	3.0	0.2	1.3	0.2	36.8	4.34	54.7	0.4
	23	24	19703	37835	3697	10929	769	119.3	181.0	10.6	27.0	2.3	4.0	0.2	1.3	0.2	48.3	7.33	97.6	0.7
	24	25	11447	22173	2211	6695	466	71.7	110.4	6.4	16.5	1.7	2.7	0.2	1.1	0.2	35.6	4.32	52.1	0.7
	25	26	7482	14986	1510	4607	317	46.7	70.1	3.9	11.1	1.1	2.2	0.2	0.9	0.1	25.4	2.91	31.7	0.5
	26	27	6368	12775	1299	4001	281	43.2	66.4	4.1	11.5	1.2	2.2	0.2	1.3	0.2	26.7	2.49	39.9	0.5
	27	28	2897	5503	544	1656	130	21.7	37.2	2.7	8.6	1.0	1.9	0.2	1.5	0.2	25.4	1.08	19.1	0.5
	28	29	8632	14741	1377	4012	290	48.8	80.7	5.8	16.3	1.7	2.4	0.3	1.1	0.1	36.8	2.92	47.6	2.5
	29	30	3225	6449	645	1965	144	24.0	41.0	3.2	9.3	1.1	2.2	0.2	1.1	0.2	26.7	1.25	26.0	1.2
	30	31	1044	2242	241	786	64	10.5	19.3	1.6	5.4	0.7	1.1	0.2	1.0	0.2	16.5	0.44	12.8	0.4
	31	32	2932	6523	687	2199	155	22.5	34.9	2.4	6.5	0.9	1.5	0.1	0.9	0.1	17.8	1.26	14.8	-0.3
	32	33	3601	7751	811	2601	198	29.2	50.3	3.2	10.4	1.2	1.8	0.2	1.0	0.2	26.7	1.51	21.8	1.1
	33	34	3108	6302	639	2012	162	24.9	43.0	3.1	10.1	1.1	1.8	0.2	1.1	0.2	26.7	1.23	21.4	2.1
	34	35	4445	8378	823	2484	181	28.6	50.1	3.6	12.6	1.3	1.9	0.2	0.8	0.1	27.9	1.64	24.6	0.9
	35	36	4762	8820	895	2869	268	46.8	88.2	6.5	19.5	2.1	3.3	0.4	2.3	0.3	50.8	1.78	89.1	1.2
	36	37	4797	8967	877	2659	191	29.4	50.0	3.3	10.3	1.1	1.8	0.2	0.8	0.1	21.6	1.76	25.5	0.4
	37	38	2287	4926	521	1668	126	18.6	33.0	2.0	6.0	0.8	2.3	0.2	0.9	0.1	17.8	0.96	13.8	-0.3
	38	39	1976	4263	455	1458	111	17.1	28.9	1.8	5.6	0.7	1.1	0.1	0.6	0.1	15.2	0.83	12.6	-0.3
	39	40	1630	3526	377	1207	92	13.7	23.7	1.7	5.1	0.6	1.3	0.1	0.5	0.1	12.7	0.69	10.6	-0.3
	40	41	1918	4201	453	1481	119	18.2	32.0	2.2	6.8	0.8	1.3	0.2	1.0	0.2	20.3	0.83	20.5	-0.3
	41	42	782	1646	175	561	46	7.6	13.8	1.4	5.1	0.7	1.6	0.2	1.3	0.2	19.1	0.33	5.7	-0.3
	42	43	5794	12100	1257	3896	273	39.7	62.2	3.6	10.3	1.2	1.8	0.2	1.1	0.2	24.1	2.35	29.7	0.3
	43	44	9113	17873	1861	5995	508	81.5	144.1	9.6	28.2	2.8	4.8	0.5	3.0	0.3	67.3	3.57	133.5	0.9
	44	45	4292	8046	797	2449	183	29.1	50.1	3.3	11.0	1.3	2.3	0.2	1.0	0.2	26.7	1.59	29.3	-0.3
	45	46	3108	6461	667	2100	154	23.0	38.8	2.5	8.0	0.9	1.3	0.2	1.0	0.1	19.1	1.26	16.6	-0.3
	46	47	3014	6584	692	2187	159	23.7	39.8	2.6	7.5	0.9	1.4	0.2	0.7	0.1	20.3	1.27	16.6	-0.3
	47	48	1466	3218	344	1122	86	13.4	24.0	1.6	5.9	0.7	1.6	0.2	0.8	0.2	19.1	0.63	10.6	-0.3
	48	49	1360	2997	324	1038	83	13.2	23.9	1.9	6.8	1.0	1.9	0.2	1.3	0.2	21.6	0.59	12.6	-0.3
	49	50	1208	2776	308	1019	81	12.5	22.6	1.6	6.0	0.9	1.8	0.3	1.5	0.2	22.9	0.55	10.6	-0.3
	50	51	1343	2924	314	1017	80	12.7	22.8	1.8	7.4	1.1	2.4	0.3	1.6	0.2	25.4	0.58	9.9	1.9
	51	52	2310	4914	523	1697	152	25.4	50.9	4.3	16.9	2.3	4.7	0.5	3.0	0.4	55.9	0.98	13.8	2.8
	52	53	747	1664	185	636	64	11.0	25.9	2.4	10.3	1.6	3.5	0.4	2.7	0.3	43.2	0.34	6.3	1.6
	53	54	758	1738	195	635	51	8.1	16.1	1.4	6.7	1.1	2.6	0.3	1.8	0.3	30.5	0.34	5.3	0.3

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 %	Th ppm	U ppm
	54	55	1170	2813	323	1087	83	12.3	20.5	1.5	5.7	0.8	2.1	0.3	1.5	0.2	21.6	0.55	6.6	-0.3
	55	56	3155	6756	697	2205	168	24.4	40.8	2.7	9.3	1.2	2.1	0.3	1.8	0.2	27.9	1.31	19.6	-0.3
	56	57	3061	6793	716	2269	158	23.2	37.7	2.3	7.8	0.9	1.9	0.2	1.4	0.2	21.6	1.31	14.6	-0.3
	57	58	3084	7076	761	2461	179	26.3	40.8	2.6	8.8	1.0	2.4	0.2	1.3	0.2	24.1	1.37	16.4	0.4
	58	59	4937	10736	1133	3569	239	35.3	58.4	3.8	11.4	1.2	2.3	0.3	1.5	0.2	29.2	2.08	21.7	0.6
	59	60	1613	3538	381	1242	95	14.8	27.0	2.2	7.6	1.1	2.4	0.3	1.5	0.2	25.4	0.70	11.6	3.2
	60	61	1202	2580	274	870	68	10.8	18.9	1.5	5.1	0.7	1.3	0.2	0.8	0.1	15.2	0.50	9.7	-0.3
	61	62	1402	3132	340	1081	82	13.0	22.4	1.8	7.4	0.9	2.4	0.3	1.7	0.2	25.4	0.61	10.0	1.8
	62	63	1384	3108	341	1094	85	13.4	24.6	2.0	8.2	1.1	2.4	0.3	1.7	0.2	31.8	0.61	14.8	3.4
	63	64	1090	2346	249	783	62	9.7	18.6	1.6	5.7	0.8	1.6	0.2	1.0	0.2	20.3	0.46	9.5	0.7
	64	65	1437	3059	330	1092	113	22.1	53.6	5.9	24.9	3.7	7.6	0.9	4.9	0.6	95.2	0.62	18.3	4.4
	65	66	325	845	108	421	63	14.9	37.5	4.4	19.6	2.8	6.3	0.7	4.1	0.5	80.0	0.19	11.1	3.4
	66	67	674	1474	163	540	48	8.6	17.6	1.6	6.9	1.1	2.2	0.3	1.6	0.2	27.9	0.30	6.1	0.4
	67	68	1454	3231	367	1266	129	23.7	48.1	4.4	16.6	2.2	4.4	0.6	3.6	0.5	57.2	0.66	43.4	2.0
	68	69	983	2291	271	977	120	26.9	58.2	5.7	24.8	3.6	8.4	1.0	5.5	0.8	99.1	0.49	41.7	5.2
	69	70	2222	4877	533	1750	170	31.7	67.1	6.6	25.4	3.6	7.7	0.8	4.9	0.6	96.5	0.98	19.3	3.9
	70	71	3342	6928	694	2100	148	23.2	40.5	3.1	11.6	1.6	3.3	0.3	2.1	0.2	38.1	1.33	14.9	1.8
	71	72	4633	9410	941	2916	237	39.5	66.2	4.6	14.2	1.6	3.0	0.3	1.6	0.2	39.4	1.83	32.6	2.6
	72	73	7307	14188	1402	4222	321	51.0	89.1	6.9	23.4	2.9	5.8	0.6	3.1	0.4	73.7	2.77	36.4	5.4
	73	74	4609	9238	915	2776	201	30.8	50.6	3.6	12.4	1.7	3.7	0.5	2.4	0.4	40.6	1.79	21.7	4.4
	74	75	10379	20330	1987	5879	394	58.2	90.9	5.6	14.9	1.6	3.2	0.3	1.4	0.2	36.8	3.92	39.9	1.6
	75	76	4034	7960	784	2344	170	26.6	44.5	3.0	10.2	1.1	2.2	0.2	1.1	0.2	25.4	1.54	16.7	0.3
	76	77	5254	10257	1017	3068	212	32.3	53.8	3.5	11.5	1.2	2.3	0.2	0.6	0.1	27.9	1.99	20.9	0.5
	77	78	2991	6277	652	2076	180	31.3	58.7	5.2	20.0	2.8	6.0	0.7	3.4	0.5	72.4	1.24	23.5	11.3
	78	79	2791	5847	611	1942	170	30.9	59.4	5.4	21.4	3.1	6.5	0.8	4.4	0.5	83.8	1.16	30.6	11.2
	79	80	4386	8599	845	2519	177	27.8	47.0	3.6	11.4	1.3	2.9	0.2	1.6	0.3	33.0	1.67	25.4	3.1
	80	81	2152	4447	462	1470	137	24.9	50.0	4.6	17.9	2.6	6.1	0.7	4.0	0.5	71.1	0.88	29.8	7.6
	81	82	2510	5331	568	1825	164	28.4	54.3	4.8	18.5	2.5	5.6	0.6	3.0	0.4	67.3	1.06	28.8	8.0
	82	83	3518	7186	733	2298	202	34.9	63.9	5.1	18.6	2.4	4.8	0.5	2.7	0.4	63.5	1.41	31.4	7.3
	83	84	2991	6093	620	1930	159	27.1	49.7	4.2	15.6	2.1	4.8	0.5	3.0	0.3	55.9	1.20	27.6	8.4
	84	85	4562	8881	863	2589	199	33.6	60.2	4.8	15.8	1.9	3.7	0.4	1.8	0.3	47.0	1.73	23.3	6.6
	85	86	3976	8193	823	2449	154	22.9	36.4	2.5	7.9	1.0	1.6	0.2	1.0	0.1	21.6	1.57	19.8	3.2
	86	87	6110	10798	1003	2846	174	25.2	41.5	2.8	8.5	0.9	1.6	0.2	0.9	0.1	21.6	2.10	20.7	2.1
	87	88	3882	8009	793	2344	143	20.3	30.3	2.2	6.1	0.6	1.4	0.1	0.6	0.1	16.5	1.52	13.0	1.1
	88	89	3049	6289	628	1837	110	15.8	26.3	1.8	5.4	0.6	1.1	0.1	0.7	0.1	14.0	1.20	11.3	1.2
	89	90	4703	7849	692	1936	121	19.8	33.5	2.6	8.7	0.9	1.6	0.2	0.8	0.2	24.1	1.54	18.9	0.9
	90	91	7119	12075	1097	3044	186	28.7	49.6	3.6	10.6	1.1	2.3	0.2	1.1	0.1	26.7	2.36	26.3	0.7
	91	92	5102	10269	1022	3068	191	27.7	47.0	3.3	9.9	1.1	1.9	0.2	1.0	0.2	25.4	1.98	28.2	3.2
	92	93	3049	6511	663	1977	116	16.2	25.8	1.7	5.5	0.6	1.3	0.1	0.7	0.1	14.0	1.24	10.4	1.1
	93	94	3518	6977	681	1995	120	18.0	30.4	2.1	7.0	0.8	1.6	0.2	0.8	0.1	19.1	1.34	15.7	1.4
	94	95	4961	10097	1017	3021	177	24.1	37.6	2.2	7.2	0.9	1.4	0.2	0.8	0.2	19.1	1.94	17.6	2.9
	95	96	3589	7776	789	2379	133	18.5	28.1	1.8	5.1	0.7	1.1	0.2	0.8	0.1	14.0	1.47	12.9	2.8
	96	97	3471	7678	789	2368	132	17.6	26.4	1.5	4.9	0.6	1.0	0.1	0.6	0.1	12.7	1.45	11.3	2.0
	97	98	4891	10319	1048	3114	168	22.6	33.3	2.0	6.2	0.7	1.4	0.1	0.6	0.1	14.0	1.96	15.9	1.3
	98	99	4855	10085	1025	3091	186	26.9	41.6	2.7	7.8	0.9	1.5	0.2	0.7	0.1	20.3	1.93	20.5	2.8

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 %	Th ppm	U ppm
	99	100	9206	16583	1547	4432	263	38.7	65.9	4.4	12.5	1.4	3.0	0.3	1.0	0.2	34.3	3.22	31.2	1.0
	100	101	3471	7223	723	2181	133	19.0	32.7	2.2	6.7	0.7	1.6	0.2	0.8	0.1	17.8	1.38	12.6	-0.3
	101	102	3120	6412	648	1995	134	19.5	34.9	2.5	8.6	1.0	2.2	0.2	1.3	0.2	25.4	1.24	13.8	1.1
	102	103	2615	5503	569	1767	120	19.5	33.5	2.5	8.5	1.0	1.9	0.2	1.1	0.1	24.1	1.07	14.0	2.7
	103	104	2510	5036	507	1551	106	17.1	31.2	2.4	7.4	1.1	2.2	0.2	1.1	0.2	24.1	0.98	10.8	0.8
	104	105	2228	4619	476	1470	101	15.9	27.8	2.3	8.4	1.1	2.2	0.2	1.4	0.2	26.7	0.90	11.8	3.5
	105	106	7072	13328	1299	3814	247	36.9	62.2	4.3	13.1	1.4	2.5	0.2	0.8	0.1	29.2	2.59	32.0	0.7
	106	107	3401	7076	716	2140	135	19.6	33.0	2.3	7.4	0.9	1.8	0.2	1.1	0.2	20.3	1.36	12.6	1.1
	107	108	2991	5872	574	1726	109	16.9	27.8	2.1	6.5	0.8	1.6	0.2	0.9	0.1	19.1	1.13	11.9	0.6
	108	109	2838	5761	578	1750	107	16.7	28.6	1.8	6.3	0.8	1.6	0.1	0.8	0.2	17.8	1.11	11.0	0.4
	109	110	2780	5454	541	1627	104	15.9	27.6	2.2	6.9	0.8	1.9	0.2	0.8	0.2	20.3	1.06	10.2	-0.3
	110	111	2838	5638	561	1674	101	15.3	25.8	2.0	5.7	0.8	1.5	0.2	0.8	0.1	16.5	1.09	9.8	-0.3
	111	112	17709	29236	2622	7348	468	74.8	128.5	9.2	27.4	3.0	4.4	0.4	1.5	0.2	61.0	5.77	63.4	0.9
	112	113	2932	5540	538	1575	99	15.3	25.9	2.1	5.9	0.7	1.6	0.1	0.8	0.1	15.2	1.08	10.4	0.7
	113	114	3483	6768	657	1954	124	19.5	31.7	2.3	6.8	0.8	1.5	0.1	0.8	0.1	19.1	1.31	16.5	0.4
	114	115	2756	5122	494	1481	102	16.6	29.2	2.3	7.2	0.9	1.4	0.2	0.8	0.1	20.3	1.00	15.4	0.5
	115	116	3483	6805	661	1965	125	19.2	33.5	2.3	7.1	0.8	1.7	0.1	0.9	0.1	19.1	1.31	13.5	-0.3
	116	117	5160	10306	1028	3079	188	27.7	43.6	3.1	8.4	0.9	1.8	0.2	0.9	0.1	20.3	1.99	16.9	0.3
	117	118	6966	12272	1150	3266	209	31.7	53.3	3.9	11.3	1.4	2.6	0.2	1.1	0.1	33.0	2.40	23.9	0.9
	118	119	2709	5859	615	1907	121	17.8	28.8	2.1	6.7	0.9	1.8	0.2	0.7	0.1	21.6	1.13	10.7	0.6
	119	120	3366	6965	703	2129	133	19.1	30.9	2.2	7.5	0.9	2.1	0.2	1.0	0.2	22.9	1.34	15.9	9.3
	120	121	3730	7690	782	2368	153	22.1	37.9	2.5	7.2	0.9	1.7	0.3	1.0	0.2	20.3	1.48	17.0	3.2
	121	122	4433	7542	694	2047	152	26.4	50.7	4.0	15.6	1.9	3.5	0.4	1.7	0.3	48.3	1.50	20.3	7.8
	122	123	1018	2291	269	980	124	27.9	67.5	7.3	32.6	4.4	8.9	0.9	4.3	0.5	113.0	0.49	11.9	18.6
	123	124	2199	4631	488	1534	111	18.5	33.8	2.9	10.0	1.4	3.0	0.3	1.7	0.2	34.3	0.91	13.4	10.2
	124	125	1918	3882	406	1283	101	16.4	30.8	2.5	9.5	1.3	2.5	0.3	1.6	0.2	31.8	0.77	10.0	6.3
	125	126	3882	7444	731	2228	171	27.0	48.5	3.4	10.2	1.1	1.9	0.2	0.9	0.1	24.1	1.46	20.0	2.3
	126	127	5371	10134	1004	3068	228	37.8	64.1	4.4	13.5	1.6	2.7	0.3	1.5	0.2	34.3	2.00	27.2	2.5
	127	128	2346	5049	540	1726	141	23.0	40.7	2.8	10.9	1.4	2.9	0.3	1.9	0.3	35.6	0.99	15.8	2.8
	128	129	2498	5184	549	1796	166	30.2	57.9	4.7	18.5	2.6	5.2	0.6	3.1	0.3	62.2	1.04	25.0	6.3
	129	130	2117	4484	476	1493	109	16.8	27.9	1.9	6.4	0.9	1.6	0.2	1.0	0.1	17.8	0.88	19.6	21.4
	130	131	6697	13574	1383	4164	262	35.9	55.3	3.4	9.9	1.1	2.2	0.2	1.0	0.2	24.1	2.62	24.5	2.4
	131	132	3108	6805	713	2199	140	19.7	29.6	1.9	6.0	0.9	1.7	0.3	1.3	0.1	19.1	1.30	23.7	20.8
	132	133	2428	5319	559	1750	118	16.8	28.9	2.3	7.4	1.0	2.1	0.3	1.1	0.2	22.9	1.03	12.5	11.8
	133	134	3812	7985	805	2403	139	18.1	28.0	1.7	5.4	0.6	1.4	0.2	1.0	0.2	15.2	1.52	10.9	3.7
	134	135	9206	19409	1981	5972	356	49.6	75.0	4.3	10.7	1.1	1.8	0.2	0.7	0.1	21.6	3.71	36.0	2.0
	135	136	3460	7579	781	2356	137	19.0	28.6	1.7	4.9	0.5	1.1	0.1	0.6	0.1	11.4	1.44	10.3	0.8
	136	137	6650	14249	1474	4526	288	40.6	60.1	3.3	9.2	1.0	1.5	0.1	0.9	0.1	17.8	2.73	28.9	0.5
	137	138	5794	13144	1420	4467	293	40.9	61.7	3.3	8.4	0.9	1.4	0.1	0.8	0.1	16.5	2.53	24.6	1.6
	138	139	3776	8648	922	2916	188	26.3	39.5	2.3	6.3	0.7	1.1	0.1	0.2	0.1	12.7	1.65	16.7	2.6
	139	140	5583	12407	1329	4152	277	37.6	58.6	3.1	8.4	0.8	1.6	0.2	0.7	0.1	17.8	2.39	23.6	0.3
	140	141	2909	6560	692	2146	129	17.7	25.6	1.5	4.6	0.5	0.9	0.1	0.5	-0.1	11.4	1.25	9.8	0.8
	141	142	4691	10564	1116	3441	202	27.2	40.5	2.4	6.2	0.7	1.3	0.1	0.5	0.1	14.0	2.01	13.6	0.5
	142	143	4398	9115	917	2753	159	21.5	31.7	2.0	5.6	0.6	1.0	0.1	0.7	0.1	14.0	1.74	11.9	1.0
	143	144	4914	9754	946	2776	159	21.4	31.5	1.9	5.9	0.6	0.8	0.1	0.5	0.1	11.4	1.86	12.7	0.5

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 %	Th ppm	U ppm
	144	145	9312	17566	1673	4794	271	36.7	56.4	3.4	9.1	1.0	1.4	0.2	0.8	0.1	19.1	3.37	20.1	2.7
	145	146	5629	10749	1043	3044	181	25.6	39.5	2.7	7.6	0.9	1.8	0.2	0.8	0.1	21.6	2.07	16.3	1.5
	146	147	12901	20944	1836	4981	303	45.7	79.1	5.5	17.0	2.0	3.9	0.4	1.6	0.3	48.3	4.12	36.8	1.1
	147	148	7952	14311	1341	3791	214	31.4	48.6	3.1	8.4	0.9	1.4	0.2	0.7	0.1	20.3	2.77	21.6	0.6
	148	149	4421	9262	942	2858	173	23.6	33.4	2.2	5.7	0.6	0.9	0.1	0.6	0.1	14.0	1.77	13.6	0.5
	149	150	4081	8673	950	2776	169	25.0	37.2	2.3	6.0	0.6	1.1	0.1	0.5	0.1	14.0	1.67	16.4	0.3
	150	151	5430	10798	1137	3231	190	28.0	42.9	2.5	7.1	0.7	1.7	0.1	0.7	0.1	15.2	2.09	17.0	0.5
	151	152	11095	20637	2060	5680	330	49.4	73.8	4.6	12.5	1.2	1.8	0.3	0.8	0.2	24.1	4.00	31.8	0.4
	152	153	4257	8550	890	2554	153	23.5	35.6	2.4	6.9	0.9	1.7	0.2	0.8	0.1	20.3	1.65	15.4	0.5
	153	154	9500	18303	1891	5389	326	47.8	71.1	4.2	11.1	1.1	1.5	0.2	0.5	0.1	20.3	3.56	32.9	0.4
	154	155	3401	7358	803	2391	147	21.2	31.7	1.7	4.4	0.4	0.7	0.1	0.5	0.1	8.9	1.42	12.2	0.5
	155	156	3929	8402	916	2694	165	24.0	36.1	2.0	5.4	0.5	1.0	0.1	0.5	-0.1	10.2	1.62	14.7	2.2
	156	157	2897	5896	628	1843	115	16.4	22.1	1.4	4.4	0.6	1.3	0.2	0.9	0.2	11.4	1.14	20.1	20.6
	157	158	8503	15416	1571	4432	264	38.2	58.0	3.1	8.8	0.9	1.6	0.2	0.8	0.1	16.5	3.03	23.7	2.3
	158	159	9640	17259	1691	4642	261	38.4	57.9	3.3	9.0	0.9	1.8	0.1	0.9	0.2	20.3	3.36	24.8	7.9
	159	160	20289	36483	3564	9763	550	79.0	115.3	6.5	16.1	1.4	1.9	0.2	0.7	0.1	26.7	7.09	39.5	1.5
	160	161	21990	38080	3733	10218	576	82.8	124.5	7.1	16.3	1.5	2.1	0.2	0.7	0.1	25.4	7.49	43.6	1.5
	161	162	11787	20146	1915	5155	289	41.9	65.7	3.5	10.2	1.0	1.6	0.2	0.8	0.2	20.3	3.94	25.5	5.6
	162	163	10790	18610	1764	4701	256	38.3	57.6	3.4	9.2	1.0	1.5	0.2	0.9	0.2	20.3	3.63	25.0	8.4
	163	164	15774	27639	2658	7080	388	56.9	86.3	5.2	12.9	1.3	2.3	0.2	1.0	0.1	24.1	5.37	33.1	4.5
	164	165	17592	29727	2815	7395	400	59.9	93.6	5.7	14.0	1.2	2.4	0.2	0.8	0.1	25.4	5.81	33.8	1.4
	165	166	5313	9790	977	2671	150	22.1	33.4	2.1	5.3	0.7	1.0	0.1	0.6	0.1	12.7	1.90	22.4	20.2
	166	167	4562	8525	847	2327	129	18.5	28.7	1.7	5.1	0.6	1.1	0.1	0.7	0.1	12.7	1.65	18.8	16.4
	167	168	6016	10957	1002	3009	165	22.4	37.3	2.3	6.2	0.7	1.1	0.1	0.7	0.1	14.0	2.12	20.5	14.8
	168	169	7623	13021	1257	3324	183	26.1	40.1	2.5	7.0	0.8	1.4	0.2	0.8	0.2	16.5	2.55	24.0	14.0
	169	170	8843	15601	1559	4281	253	36.4	56.1	3.2	8.3	0.9	1.5	0.1	0.7	0.1	15.2	3.07	23.2	1.0
	170	171	12959	22295	2132	5774	339	50.7	76.7	4.6	11.6	1.1	1.9	0.2	1.0	0.2	24.1	4.37	34.9	1.1
	171	172	13018	23155	2271	6275	376	57.3	90.4	5.4	13.0	1.4	2.3	0.2	0.8	0.1	24.1	4.53	42.1	1.7
	172	173	7682	14557	1498	4211	249	36.5	56.1	3.3	9.2	0.9	1.7	0.2	0.8	0.2	20.3	2.83	23.3	0.7
	173	174	6439	12210	1250	3488	204	29.4	45.1	2.5	7.1	0.6	1.1	0.1	0.6	0.1	14.0	2.37	17.7	0.8
	174	175	6380	12345	1275	3639	209	29.6	46.1	2.8	6.8	0.7	1.3	0.1	0.6	0.1	14.0	2.40	19.5	0.8
	175	176	4879	9078	907	2496	143	21.1	32.6	1.9	5.4	0.5	1.0	0.1	0.6	0.1	11.4	1.76	13.0	0.7
	176	177	7377	12960	1148	3336	179	26.5	40.6	2.7	7.4	0.7	1.4	0.1	0.6	0.1	16.5	2.51	19.1	0.5
	177	178	8902	15416	1432	3907	213	31.8	49.1	3.5	9.4	1.0	1.6	0.1	0.7	0.2	20.3	3.00	23.0	0.3
	178	179	7623	15109	1528	4456	249	37.4	53.4	3.4	8.5	0.8	1.3	0.1	0.6	0.1	16.5	2.91	25.2	-0.3
	179	180	6087	11744	1115	3453	195	27.6	39.5	2.7	6.5	0.7	1.1	0.1	0.7	0.1	14.0	2.27	17.8	-0.3
KGKRC066	0	1	2463	4938	487	1633	134	22.5	38.3	2.8	9.2	1.1	2.2	0.2	1.3	0.2	26.7	0.98	23.3	2.4
	1	2	2170	4557	464	1586	132	22.5	36.9	2.7	8.7	0.9	1.7	0.2	1.0	0.1	22.9	0.90	23.5	1.3
	2	3	3859	8095	860	2974	234	38.3	61.6	4.2	12.6	1.2	2.7	0.2	1.4	0.2	31.8	1.62	31.9	2.5
	3	4	2129	4656	487	1697	140	23.4	37.1	2.6	7.5	0.8	1.5	0.2	0.8	0.1	17.8	0.92	22.5	1.1
	4	5	1830	4152	431	1510	125	20.8	32.7	2.2	6.7	0.7	1.0	0.1	0.8	0.1	15.2	0.81	18.4	1.2
	5	6	3084	6805	719	2496	205	33.0	54.2	3.7	10.0	1.0	1.8	0.2	0.9	0.1	22.9	1.34	30.2	1.1
	6	7	2023	4484	465	1615	132	22.0	35.3	2.5	7.9	1.0	1.8	0.2	1.3	0.2	24.1	0.88	19.8	1.6
	7	8	2651	5945	615	2111	162	25.1	41.4	2.8	8.6	0.9	1.1	0.1	0.6	0.1	19.1	1.16	22.9	2.1
	8	9	2756	6093	628	2170	169	27.3	43.6	3.1	9.3	1.0	1.5	0.1	0.8	0.1	22.9	1.19	26.9	1.1

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 %	Th ppm	U ppm
	9	10	1953	4422	463	1621	137	23.6	36.7	2.6	7.7	0.9	1.5	0.2	0.9	0.1	19.1	0.87	21.8	2.8
	10	11	1272	2936	340	1130	96	17.0	29.4	2.0	6.1	0.8	1.4	0.1	0.9	0.1	17.8	0.58	14.4	0.3
	11	12	2234	5049	557	1779	132	20.8	34.2	2.3	6.9	0.8	1.5	0.2	0.7	0.1	17.8	0.98	14.0	-0.3
	12	13	1536	3538	405	1359	122	21.3	37.2	2.5	7.4	0.8	1.4	0.1	0.7	0.2	19.1	0.71	19.6	0.3
	13	14	1841	4263	475	1540	121	20.2	32.9	2.3	7.5	0.8	1.6	0.2	0.9	0.1	19.1	0.83	17.0	0.3
	14	15	1747	4005	441	1452	122	18.8	30.3	1.8	5.4	0.6	1.0	0.1	0.6	0.1	12.7	0.78	14.2	0.3
	15	16	6439	14188	1553	5027	371	58.0	88.5	5.3	13.9	1.4	2.3	0.2	1.1	0.2	27.9	2.78	45.2	0.6
	16	17	8057	18365	2090	6742	509	80.0	127.9	8.3	23.0	2.4	3.9	0.3	2.1	0.3	50.8	3.61	73.7	0.5
	17	18	10297	20944	2163	6753	517	81.4	133.1	8.4	23.4	2.2	3.3	0.3	1.5	0.2	47.0	4.10	81.3	0.5
	18	19	4339	8869	905	3079	237	38.1	65.2	4.3	12.2	1.2	2.4	0.2	1.1	0.2	27.9	1.76	40.1	0.4
	19	20	1912	4299	464	1656	140	21.9	36.8	2.2	6.5	0.7	1.3	0.1	0.8	0.1	15.2	0.86	17.6	0.4
	20	21	2052	4766	516	1843	153	23.3	37.5	2.2	6.4	0.6	1.1	0.1	0.6	0.1	12.7	0.94	15.7	0.3
	21	22	1560	3612	387	1382	109	16.3	26.7	1.7	4.7	0.6	1.1	0.1	0.7	0.1	12.7	0.71	10.2	-0.3
	22	23	1296	3010	313	1094	85	13.7	23.7	1.5	5.6	0.6	1.3	0.1	0.7	0.1	15.2	0.59	8.9	-0.3
	23	24	1947	4410	478	1674	130	20.6	34.5	2.3	6.8	0.8	1.5	0.2	1.0	0.1	17.8	0.87	11.9	-0.3
	24	25	958	2506	272	990	87	14.0	23.2	1.6	4.6	0.6	1.1	0.2	0.8	0.1	15.2	0.49	9.4	-0.3
	25	26	1079	2739	295	1066	88	12.9	21.4	1.4	4.0	0.5	1.1	0.2	0.8	0.1	12.7	0.53	8.2	-0.3
	26	27	1618	3857	441	1528	137	21.9	40.3	2.7	8.8	1.0	1.7	0.2	1.3	0.2	22.9	0.77	36.8	0.3
	27	28	1115	2506	280	974	102	19.2	45.1	4.6	19.7	2.8	6.2	0.7	3.9	0.5	74.9	0.52	29.2	4.1
	28	29	1284	2997	338	1151	102	16.7	33.4	3.0	10.3	1.5	3.1	0.4	1.9	0.3	38.1	0.60	18.0	2.3
	29	30	1047	2402	269	924	94	16.8	37.1	3.4	15.2	2.2	4.8	0.6	3.6	0.5	58.4	0.49	25.0	3.8
	30	31	6392	12653	1311	4141	318	47.4	85.4	6.0	21.4	2.8	5.7	0.6	3.3	0.5	68.6	2.51	43.4	5.7
	31	32	2557	6105	698	2379	187	25.4	39.2	2.1	7.2	0.8	1.7	0.2	0.9	0.2	17.8	1.20	16.6	0.8
	32	33	2023	4877	553	1878	146	19.2	30.3	1.8	5.3	0.6	0.9	0.1	0.7	0.1	11.4	0.95	12.6	-0.3
	33	34	1343	3255	376	1283	104	15.3	24.4	1.6	4.9	0.6	1.3	0.1	0.9	0.1	15.2	0.64	12.4	-0.3
	34	35	878	2150	249	874	80	12.5	22.4	1.4	4.5	0.6	1.1	0.1	0.8	0.1	12.7	0.43	13.4	-0.3
	35	36	1630	3943	448	1545	136	20.6	35.0	2.1	6.0	0.6	1.3	0.1	0.8	0.1	15.2	0.78	18.6	-0.3
	36	37	2357	5749	660	2257	180	25.9	42.2	2.2	6.3	0.7	1.5	0.1	0.9	0.1	15.2	1.13	15.6	0.8
	37	38	1170	2653	304	1073	118	22.6	52.7	5.2	20.9	3.1	6.6	0.8	4.3	0.6	85.1	0.55	27.1	4.2
	38	39	2510	5982	667	2257	180	26.2	42.3	2.5	7.0	0.8	1.4	0.2	1.1	0.2	17.8	1.17	16.8	0.3
	39	40	1051	2531	289	977	82	11.9	21.9	1.4	4.8	0.6	1.4	0.2	1.0	0.2	15.2	0.50	9.8	-0.3
	40	41	5418	11915	1299	4234	324	47.2	79.0	4.6	12.7	1.5	2.7	0.2	1.7	0.2	31.8	2.34	40.0	0.3
	41	42	5160	11522	1281	4211	327	47.6	72.4	4.4	12.4	1.5	2.5	0.3	1.7	0.2	27.9	2.27	32.2	-0.3
	42	43	3730	8623	976	3254	263	37.1	59.2	3.4	9.4	1.0	1.9	0.2	1.1	0.1	20.3	1.70	25.6	-0.3
	43	44	3014	6916	781	2601	209	30.2	50.7	2.9	9.0	1.0	1.7	0.1	0.9	0.1	20.3	1.36	27.5	0.4
	44	45	2146	5110	574	1907	145	20.6	33.0	2.0	6.0	0.6	1.3	0.1	0.7	0.1	15.2	1.00	14.5	0.8
	45	46	3730	8673	985	3313	267	37.9	61.0	3.7	10.1	1.0	1.9	0.2	1.1	0.2	21.6	1.71	29.9	1.5
	46	47	4527	10306	1161	3896	299	41.3	67.8	4.1	11.5	1.2	1.9	0.2	1.0	0.2	25.4	2.03	33.8	0.7
	47	48	4762	10675	1190	3907	304	43.1	72.5	4.4	12.9	1.4	2.4	0.2	1.3	0.2	30.5	2.10	39.1	0.8
	48	49	3694	8587	959	3161	237	32.5	53.3	2.9	9.8	1.1	1.9	0.2	0.9	0.2	22.9	1.68	26.6	0.4
	49	50	1830	4324	482	1621	129	18.8	33.3	2.1	7.0	0.8	1.4	0.1	0.7	0.1	17.8	0.85	20.6	-0.3
	50	51	1172	2813	323	1110	97	15.2	26.4	1.7	6.0	0.6	0.9	0.1	0.7	0.1	14.0	0.56	22.1	-0.3
	51	52	1507	3599	405	1359	106	16.0	26.3	1.8	5.9	0.7	1.1	0.1	0.7	0.1	15.2	0.70	17.0	-0.3
	52	53	1507	3599	406	1371	114	17.4	32.0	2.2	6.9	0.8	1.3	0.1	0.7	0.1	16.5	0.71	24.2	0.4
	53	54	1923	4471	491	1627	127	19.6	32.5	2.3	7.5	0.8	1.5	0.2	1.0	0.1	20.3	0.87	20.1	-0.3

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 %	Th ppm	U ppm
	54	55	3014	6867	748	2449	176	25.5	42.3	2.7	8.3	1.0	1.8	0.2	0.9	0.1	22.9	1.34	21.4	-0.3
	55	56	3061	6953	760	2484	183	25.8	42.4	2.6	8.4	1.0	1.7	0.2	0.8	0.1	22.9	1.35	21.5	-0.3
	56	57	2475	5786	636	2082	152	21.7	32.6	2.1	6.3	0.7	1.4	0.2	0.8	0.2	17.8	1.12	14.7	-0.3
	57	58	5641	12530	1323	4164	291	41.8	62.1	3.9	11.4	1.3	2.2	0.3	1.4	0.2	29.2	2.41	27.7	0.5
	58	59	11130	20883	2018	6019	428	63.2	99.9	6.7	19.6	2.0	3.3	0.3	1.5	0.2	44.5	4.07	50.5	0.5
	59	60	4949	11621	1281	4164	312	44.5	66.0	3.5	10.0	1.1	1.8	0.2	1.1	0.2	21.6	2.25	25.8	0.4
	60	61	4081	9274	1006	3254	246	36.5	55.6	3.2	9.0	1.0	1.6	0.2	0.9	0.1	17.8	1.80	26.0	0.3
	61	62	3741	8562	919	2939	211	29.9	47.1	2.8	7.8	1.0	1.6	0.2	0.8	0.1	20.3	1.65	22.4	0.3
	62	63	3647	8292	899	2893	205	30.0	44.1	2.6	9.0	1.0	2.2	0.2	1.4	0.2	22.9	1.60	19.0	0.4
	63	64	4421	10048	1107	3604	270	40.0	62.6	3.6	10.8	1.2	2.3	0.2	1.4	0.2	25.4	1.96	24.9	0.3
	64	65	2580	5982	667	2181	162	23.9	38.6	2.4	7.5	0.8	1.4	0.2	0.8	0.2	17.8	1.17	18.8	0.3
	65	66	4222	9422	1009	3219	228	32.1	50.5	3.2	9.4	1.1	1.9	0.2	0.9	0.1	21.6	1.82	23.6	-0.3
	66	67	4750	10073	1060	3289	234	35.2	55.2	3.5	10.1	1.2	2.4	0.3	1.1	0.2	25.4	1.95	25.7	-0.3
	67	68	12138	24814	2501	7675	539	81.6	124.5	7.4	22.5	2.4	4.6	0.5	2.3	0.3	50.8	4.80	70.7	0.3
	68	69	2791	6265	677	2181	159	23.2	36.3	2.2	6.1	0.7	1.4	0.1	0.7	0.1	16.5	1.22	16.5	0.3
	69	70	3272	7358	788	2519	189	28.1	42.8	2.7	8.4	1.0	1.8	0.2	1.1	0.2	22.9	1.42	19.0	-0.3
	70	71	2082	4705	520	1674	127	19.7	30.7	2.0	6.8	0.8	1.7	0.2	1.3	0.2	20.3	0.92	14.4	-0.3
	71	72	2979	6793	743	2403	176	25.4	37.8	2.4	7.4	0.8	1.4	0.1	0.7	0.2	17.8	1.32	16.3	-0.3
	72	73	2662	6007	648	2094	154	21.7	33.8	2.1	6.1	0.7	1.3	0.2	0.9	0.1	16.5	1.16	14.6	0.3
	73	74	4937	10048	1015	3079	213	31.7	48.0	2.8	8.3	0.9	1.7	0.2	0.6	0.1	19.1	1.94	23.7	-0.3
	74	75	1859	3869	400	1254	90	13.8	21.8	1.5	4.5	0.5	0.9	0.1	0.6	0.1	12.7	0.75	10.4	-0.3
	75	76	1771	3747	396	1242	93	14.6	24.9	1.5	5.3	0.7	1.3	0.1	0.8	0.1	16.5	0.73	10.5	-0.3
	76	77	2815	6167	657	2082	158	23.5	36.8	2.4	7.1	0.9	1.8	0.2	1.1	0.2	20.3	1.20	16.2	-0.3
	77	78	2803	5614	565	1720	126	19.0	30.8	2.1	6.8	1.0	1.9	0.2	1.0	0.2	21.6	1.09	13.8	-0.3
	78	79	2011	4336	462	1464	111	16.2	25.2	1.5	5.1	0.6	1.3	0.1	0.7	0.1	14.0	0.84	11.6	-0.3
	79	80	3038	6793	729	2327	166	25.0	38.2	2.2	7.1	0.8	1.5	0.1	0.7	0.1	17.8	1.31	16.8	-0.3
	80	81	2768	6142	658	2070	147	20.8	31.7	1.9	5.4	0.7	1.0	0.1	0.6	0.1	14.0	1.19	13.9	-0.3
	81	82	1941	4398	488	1627	134	22.2	38.2	2.6	8.8	1.0	1.4	0.1	0.9	0.1	22.9	0.87	27.2	-0.3
	82	83	1888	4091	433	1394	110	17.3	29.6	2.1	7.9	1.0	1.8	0.2	0.8	0.2	24.1	0.80	19.7	-0.3
	83	84	5758	10355	962	2776	184	29.2	48.2	3.3	9.9	1.2	2.2	0.2	1.0	0.1	25.4	2.02	23.2	-0.3
	84	85	1636	3710	407	1312	98	14.4	22.6	1.5	5.1	0.7	1.0	0.2	0.7	0.2	14.0	0.72	10.1	-0.3
	85	86	1765	3919	430	1417	119	19.6	31.4	2.0	6.8	0.7	1.5	0.1	0.9	0.1	17.8	0.77	17.8	-0.3
	86	87	2047	4508	492	1604	125	18.0	27.2	2.0	6.2	0.8	1.5	0.1	0.9	0.1	20.3	0.89	13.7	-0.3
	87	88	2815	6253	677	2199	165	23.4	37.1	2.7	7.7	0.9	1.7	0.1	0.7	0.1	19.1	1.22	17.3	0.7
	88	89	1355	2948	319	1035	81	11.1	18.2	1.2	3.8	0.5	1.1	0.1	0.7	0.1	11.4	0.58	8.3	0.4
	89	90	1865	4041	436	1429	111	15.3	23.2	1.5	4.5	0.5	0.8	0.1	0.6	0.1	11.4	0.79	10.4	-0.3
	90	91	2211	4852	521	1691	128	17.8	27.1	1.8	5.5	0.6	1.1	0.1	0.6	0.1	12.7	0.95	12.6	-0.3
	91	92	1454	3280	360	1178	91	12.7	20.5	1.4	4.0	0.5	0.9	0.1	0.5	0.1	10.2	0.64	9.6	-0.3
	92	93	4902	9754	1004	3114	230	32.8	48.5	2.9	8.4	0.9	1.6	0.2	1.0	0.1	20.3	1.91	25.6	-0.3
	93	94	2674	5909	637	2065	158	22.6	34.6	2.2	5.7	0.7	0.9	0.1	0.6	-0.1	12.7	1.15	14.8	-0.3
	94	95	1677	3747	406	1330	102	13.9	22.4	1.6	4.6	0.6	1.1	0.1	0.8	0.1	14.0	0.73	9.0	0.8
	95	96	1689	3734	404	1312	101	14.1	23.2	1.7	4.8	0.6	1.1	0.1	0.7	0.1	15.2	0.73	10.0	-0.3
	96	97	2187	4668	498	1586	121	17.3	27.1	1.7	5.1	0.6	1.3	0.2	0.8	0.1	15.2	0.91	12.1	-0.3
	97	98	1642	3562	385	1260	97	13.9	22.6	1.6	4.5	0.5	0.9	0.1	0.7	-0.1	12.7	0.70	10.6	-0.3
	98	99	6380	13021	1341	4211	312	44.1	71.5	4.5	11.7	1.3	2.6	0.3	1.1	0.3	26.7	2.54	32.3	-0.3

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 %	Th ppm	U ppm
	99	100	2639	5577	588	1866	135	18.9	28.1	1.9	5.3	0.6	1.0	0.1	0.7	0.1	14.0	1.09	13.2	-0.3
	100	101	3143	6646	716	2280	168	23.2	35.3	2.3	6.1	0.7	1.3	0.1	0.5	0.1	15.2	1.30	17.0	-0.3
	101	102	4117	8623	909	2869	213	29.1	44.0	2.9	7.6	0.8	1.1	0.1	0.5	0.1	17.8	1.68	21.4	-0.3
	102	103	5067	10147	1055	3278	231	32.4	49.1	3.1	8.0	0.9	1.4	0.1	1.0	0.1	19.1	1.99	22.8	-0.3
	103	104	3167	6425	652	2035	154	22.9	39.3	2.7	7.5	0.9	1.4	0.1	0.6	0.1	19.1	1.25	19.4	-0.3
	104	105	1929	3845	395	1231	96	14.8	24.9	1.9	5.1	0.6	1.1	0.1	0.6	0.1	14.0	0.76	13.2	-0.3
	105	106	3554	7112	741	2327	179	27.1	42.3	2.9	7.8	0.9	1.6	0.1	0.7	0.1	19.1	1.40	21.3	-0.3
	106	107	5887	10675	1057	3231	252	39.1	62.4	4.4	11.4	1.2	1.9	0.2	1.0	0.2	25.4	2.12	34.1	0.3
	107	108	4468	8427	840	2531	177	25.5	41.2	2.8	7.7	0.9	1.4	0.1	0.7	0.1	17.8	1.65	20.1	-0.3
	108	109	2674	5663	591	1855	131	18.5	28.1	1.8	4.7	0.6	1.0	0.1	0.3	-0.1	12.7	1.10	12.4	-0.3
	109	110	4046	8279	858	2659	187	26.6	42.1	2.7	7.4	0.8	1.5	0.1	0.9	0.1	16.5	1.61	18.8	-0.3
	110	111	8233	15662	1565	4654	322	46.0	71.0	4.7	12.2	1.2	2.3	0.2	1.0	0.2	27.9	3.06	39.5	-0.3
	111	112	5242	9790	983	3033	235	36.2	59.9	3.9	9.9	1.0	1.6	0.1	0.6	0.1	20.3	1.94	34.7	-0.3
	112	113	6040	11559	1177	3569	242	33.8	52.3	3.5	9.4	1.2	1.7	0.2	0.9	0.1	22.9	2.27	25.5	-0.3
	113	114	2768	5712	587	1825	128	18.1	29.4	1.9	6.1	0.6	1.3	0.1	0.6	0.1	15.2	1.11	13.8	-0.3
	114	115	9992	15539	1353	3697	240	37.3	63.1	4.9	13.5	1.5	2.1	0.2	0.8	0.1	26.7	3.10	30.5	0.4
	115	116	5911	9594	860	2426	161	28.3	49.6	3.3	9.3	1.0	1.6	0.2	0.8	0.1	21.6	1.91	22.4	0.3
	116	117	6040	10245	940	2683	173	27.6	48.3	3.0	8.4	0.9	1.5	0.1	0.6	0.1	19.1	2.02	21.5	-0.3
	117	118	2979	6019	611	1878	124	19.6	32.0	2.0	5.7	0.7	1.3	0.1	0.6	0.1	15.2	1.17	12.8	-0.3
	118	119	1964	4115	433	1359	99	16.2	27.8	1.9	6.7	0.9	1.6	0.2	1.0	0.1	19.1	0.80	13.2	-0.3
	119	120	1988	4140	429	1341	98	16.8	28.8	2.1	7.5	0.9	1.8	0.2	0.9	0.2	22.9	0.81	11.8	-0.3
	120	121	2545	5307	551	1720	129	20.6	34.9	2.4	7.5	1.0	1.9	0.2	1.1	0.2	22.9	1.03	13.9	-0.3
	121	122	1871	3955	416	1306	94	15.3	25.8	1.8	5.6	0.8	1.6	0.1	0.9	0.1	17.8	0.77	9.3	-0.3
	122	123	2357	4987	522	1645	113	18.3	30.1	1.9	6.1	0.8	1.5	0.1	0.8	0.1	17.8	0.97	11.2	0.3
	123	124	8362	17566	1830	5657	358	52.5	83.6	4.8	13.1	1.4	2.5	0.2	0.9	0.1	29.2	3.40	33.9	-0.3
	124	125	18002	33412	3298	9716	584	85.3	134.3	7.7	18.7	1.9	2.7	0.2	0.8	0.1	36.8	6.53	55.2	-0.3
	125	126	17416	30710	2888	8246	500	78.2	126.2	7.4	18.9	1.8	2.4	0.2	0.8	0.1	35.6	6.00	51.6	-0.3
	126	127	10555	21436	2187	6660	412	62.4	96.5	5.5	13.5	1.4	2.2	0.2	1.0	0.2	29.2	4.15	37.7	-0.3
	127	128	2035	4140	425	1336	101	17.6	31.1	2.2	7.6	1.1	1.9	0.3	1.3	0.2	26.7	0.81	10.4	-0.3
	128	129	2181	4533	468	1470	105	18.1	30.1	2.1	7.4	1.0	1.8	0.2	1.1	0.1	22.9	0.88	11.0	-0.3
	129	130	4480	8451	823	2438	157	25.1	41.3	2.7	8.2	1.1	1.9	0.2	1.1	0.2	22.9	1.65	15.7	-0.3
	130	131	2522	5172	529	1639	114	19.0	33.5	2.5	7.8	1.0	1.9	0.2	1.0	0.1	24.1	1.01	9.9	-0.3
	131	132	4597	8734	869	2601	181	28.5	47.3	3.0	9.0	1.0	1.9	0.2	1.0	0.1	22.9	1.71	17.2	-0.3
	132	133	3589	6940	686	2047	143	23.3	38.3	2.7	8.0	1.0	1.9	0.2	1.1	0.1	24.1	1.35	16.0	-0.3
	133	134	4292	8660	888	2718	181	29.6	47.4	3.0	9.1	1.0	1.8	0.2	1.1	0.1	22.9	1.69	19.2	-0.3
	134	135	6791	12198	1154	3359	212	34.5	56.5	3.3	9.9	1.1	1.7	0.2	0.8	0.1	21.6	2.38	22.8	-0.3
	135	136	17416	31938	3081	8946	543	79.3	127.9	7.5	19.2	2.0	3.1	0.2	1.3	0.2	39.4	6.22	55.9	-0.3
	136	137	3847	7567	753	2286	151	24.3	39.7	2.6	7.1	0.7	1.6	0.1	0.8	0.1	17.8	1.47	16.0	-0.3
	137	138	3659	7174	716	2181	158	26.2	48.3	3.7	11.4	1.2	1.8	0.2	0.8	0.1	26.7	1.40	31.2	0.5
	138	139	5242	10196	1008	3033	192	29.2	49.2	2.9	8.8	1.0	1.5	0.1	0.7	0.1	20.3	1.98	19.5	-0.3
	139	140	12784	22480	2090	5890	357	57.0	95.7	5.8	15.6	1.5	2.4	0.2	0.9	0.2	31.8	4.38	41.6	-0.3
	140	141	12784	23462	2235	6485	392	60.8	100.6	6.2	16.1	1.6	2.6	0.2	1.0	0.1	31.8	4.56	42.1	-0.3
	141	142	8608	14864	1347	3791	226	35.8	58.3	3.8	9.6	1.0	1.8	0.2	0.9	0.2	22.9	2.90	23.1	-0.3
	142	143	13663	23340	2126	5902	354	56.5	93.6	5.8	14.8	1.4	2.3	0.2	0.9	0.1	30.5	4.56	39.2	0.3
	143	144	9723	17075	1547	4374	252	39.6	66.0	4.3	12.3	1.4	2.7	0.3	1.6	0.2	33.0	3.31	24.6	-0.3

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 %	Th ppm	U ppm
	144	145	3483	6597	636	1884	121	20.4	33.0	2.3	6.3	0.8	1.5	0.2	0.7	0.1	14.0	1.28	15.0	0.9
	145	146	7893	13758	1335	3942	266	38.3	63.5	3.6	11.3	1.2	1.8	0.2	0.9	0.1	21.6	2.73	29.5	0.3
	146	147	4128	7579	741	2239	151	22.0	33.5	2.0	5.6	0.7	1.0	0.1	0.5	0.1	14.0	1.49	14.4	0.5
	147	148	4691	8181	782	2298	168	25.7	43.8	2.7	7.4	0.8	1.4	0.1	0.6	0.1	14.0	1.62	19.2	-0.3
	148	149	8362	15846	1595	4747	324	49.1	84.7	5.6	15.8	1.7	2.7	0.3	1.6	0.2	33.0	3.11	40.3	0.5
	149	150	8538	15232	1498	4467	310	47.9	78.3	4.9	13.3	1.5	2.3	0.3	1.3	0.3	29.2	3.02	40.5	0.5
	150	151	4433	7948	771	2280	155	22.9	36.2	2.3	6.5	0.7	1.3	0.1	0.6	0.1	14.0	1.57	14.4	0.4
	151	152	11845	18610	1685	4771	324	51.6	88.9	5.8	18.4	2.0	4.5	0.5	2.6	0.4	50.8	3.75	36.4	0.5
	152	153	5325	9938	999	3044	207	30.5	49.5	3.2	10.4	1.4	3.0	0.4	1.8	0.3	30.5	1.96	17.2	0.3
	153	154	6685	11006	1034	2998	194	28.3	44.3	3.2	8.0	0.8	1.4	0.1	0.7	0.1	17.8	2.20	18.8	0.3
	154	155	8092	13205	1238	3569	234	35.8	58.6	3.6	9.5	0.9	1.8	0.1	0.6	-0.1	19.1	2.65	24.4	-0.3
	155	156	6826	11375	1066	3068	197	29.0	46.2	2.7	7.0	0.8	1.6	0.1	0.9	0.1	17.8	2.26	18.6	0.3
	156	157	5911	11338	1098	3383	207	29.3	47.1	3.0	7.5	0.8	1.6	0.2	0.8	0.1	17.8	2.20	16.3	-0.3
	157	158	4468	9225	930	3091	204	30.0	46.9	2.7	7.5	0.8	1.6	0.2	0.6	0.1	17.8	1.80	17.2	-0.3
	158	159	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	159	160	3647	6449	586	1825	122	18.3	31.4	2.1	6.3	0.8	1.4	0.1	0.7	0.1	16.5	1.27	13.8	-0.3
	160	161	2246	4213	426	1312	91	12.7	21.3	1.3	4.6	0.6	1.3	0.1	0.6	0.1	14.0	0.83	9.0	-0.3
	161	162	2768	5098	507	1528	108	15.8	26.1	1.7	5.1	0.7	1.0	0.1	0.7	0.1	14.0	1.01	10.9	-0.3
	162	163	12959	19040	1649	4514	285	43.1	72.5	4.4	12.2	1.3	2.2	0.2	1.0	0.1	27.9	3.86	32.9	-0.3
	163	164	18589	28499	2489	6753	392	58.5	93.5	5.9	15.6	1.7	2.6	0.2	1.0	0.1	33.0	5.69	43.2	-0.3
	164	165	17885	28008	2525	6940	424	62.1	100.2	6.3	16.2	1.7	2.9	0.2	0.9	0.1	35.6	5.60	46.9	-0.3
	165	166	21931	33658	2924	7850	443	63.0	103.3	6.3	16.9	1.7	3.1	0.2	1.0	0.2	34.3	6.70	47.2	-0.3
	166	167	6533	10994	1045	3068	202	29.6	47.1	2.6	7.8	1.0	1.5	0.1	0.7	0.1	19.1	2.20	21.3	2.0
	167	168	5559	9004	832	2414	165	24.9	41.3	2.6	8.0	0.8	1.7	0.2	0.8	0.1	19.1	1.81	19.6	2.5
	168	169	4515	7641	723	2146	150	22.5	36.5	2.3	7.8	0.8	1.5	0.2	0.8	0.1	19.1	1.53	15.6	2.2
	169	170	8561	12837	1128	3091	189	29.0	45.6	3.1	8.7	1.0	1.9	0.2	0.9	0.1	21.6	2.59	20.7	1.8
	170	171	4973	8292	778	2280	161	24.1	40.7	2.5	7.8	0.8	1.6	0.1	0.7	0.1	19.1	1.66	17.2	2.3
	171	172	5219	8599	808	2333	158	23.0	36.7	2.3	6.1	0.7	1.0	0.1	0.6	0.1	14.0	1.72	15.8	-0.3
	172	173	7095	11166	1020	2881	192	28.4	46.6	3.1	8.6	0.9	1.5	0.1	0.6	0.1	20.3	2.25	21.8	-0.3
	173	174	7858	13390	1232	3569	219	33.5	52.0	3.6	9.3	1.0	1.7	0.2	0.7	0.1	21.6	2.64	27.4	1.1
	174	175	11728	20453	1885	5342	311	43.9	63.9	4.0	10.4	1.1	1.8	0.2	0.8	0.1	20.3	3.99	31.4	1.0
	175	176	14308	23954	2139	5914	336	48.6	72.6	4.8	12.2	1.3	1.9	0.2	0.7	0.2	22.9	4.68	35.7	0.6
	176	177	6673	10638	945	2648	156	24.0	38.0	2.5	6.9	0.7	1.4	0.1	0.6	0.1	16.5	2.12	19.0	1.0
	177	178	5606	9827	919	2683	162	24.0	37.1	2.5	6.9	0.8	1.3	0.1	0.7	0.1	16.5	1.93	17.4	0.7
	178	179	4433	8034	768	2274	146	21.8	32.4	2.1	6.7	0.7	1.3	0.1	0.8	0.1	16.5	1.57	14.6	1.5
	179	180	3741	6818	646	1919	121	18.3	29.5	2.1	6.0	0.7	1.4	0.1	0.8	0.1	15.2	1.33	12.4	1.2
	180	181	5465	9999	953	2788	166	24.8	38.7	2.4	7.1	0.8	1.5	0.2	0.7	0.1	16.5	1.95	17.0	0.4
KGKRC067	0	1	8339	16092	1607	4852	307	45.5	70.5	4.3	12.2	1.3	2.3	0.3	1.1	0.2	27.9	3.14	36.9	5.1
	1	2	7095	13942	1402	4281	269	40.6	59.7	3.9	10.3	1.2	2.1	0.2	1.0	0.1	22.9	2.71	30.6	3.6
	2	3	6169	12272	1250	3872	246	36.1	51.2	3.2	8.8	0.9	1.4	0.1	1.0	0.2	19.1	2.39	26.4	4.2
	3	4	4269	8365	838	2566	159	24.1	35.5	2.2	7.0	0.8	1.6	0.1	0.7	0.1	17.8	1.63	21.5	3.6
	4	5	6708	12468	1205	3604	219	31.7	47.1	3.2	8.3	0.9	1.7	0.2	1.1	0.1	20.3	2.43	24.6	4.8
	5	6	5325	10392	1048	3208	207	32.0	47.5	3.1	9.1	1.0	1.9	0.2	1.0	0.2	21.6	2.03	21.8	1.6
	6	7	10391	19347	1867	5610	354	53.8	85.4	5.5	14.7	1.5	2.5	0.2	1.0	0.1	31.8	3.78	41.7	2.5
	7	8	11634	21313	2066	6299	438	68.8	108.1	6.6	16.8	1.6	2.4	0.2	0.9	0.1	31.8	4.20	58.5	1.2

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 %	Th ppm	U ppm
	8	9	6239	11264	1096	3336	245	41.1	67.9	4.5	12.6	1.3	2.1	0.2	0.8	0.1	25.4	2.23	35.9	1.0
	9	10	18061	31079	2876	8480	593	98.7	163.7	10.4	26.1	2.3	3.4	0.2	1.0	0.1	43.2	6.14	94.7	0.5
	10	11	5160	10405	1070	3301	204	29.8	44.0	2.8	7.0	0.7	1.3	0.1	0.5	0.1	15.2	2.02	20.5	0.7
	11	12	5887	12038	1250	3896	253	37.4	56.4	3.5	8.8	0.9	1.4	0.1	0.6	0.1	17.8	2.35	27.9	1.1
	12	13	6392	12960	1329	4152	262	36.9	53.6	3.4	8.8	0.9	1.6	0.2	0.8	0.1	17.8	2.52	24.3	0.5
	13	14	8632	17873	1824	5692	363	52.8	75.6	4.3	11.9	1.2	1.8	0.2	0.7	0.1	22.9	3.46	35.1	0.6
	14	15	2275	4656	474	1476	106	17.4	28.0	2.1	5.9	0.8	1.7	0.2	1.1	0.2	17.8	0.91	26.1	12.4
	15	16	3976	7837	781	2356	141	21.5	31.9	2.2	6.1	0.7	1.4	0.1	0.7	0.2	15.2	1.52	16.6	1.2
	16	17	4199	7985	782	2315	147	22.9	37.6	2.8	7.9	0.9	1.7	0.2	1.1	0.2	21.6	1.55	23.0	2.3
	17	18	5172	10097	1005	2998	185	28.4	41.4	2.8	8.4	0.9	1.8	0.2	0.8	0.1	20.3	1.96	24.5	1.0
	18	19	3507	7039	712	2170	136	20.8	31.5	2.2	6.2	0.7	1.3	0.2	1.0	0.1	15.2	1.36	16.0	0.8
	19	20	4199	8599	884	2718	172	25.1	39.0	2.4	6.2	0.6	1.0	0.1	0.5	-0.1	12.7	1.67	18.0	2.0
	20	21	4926	10085	1028	3138	194	28.5	43.9	2.7	7.2	0.7	1.1	0.1	0.3	-0.1	14.0	1.95	21.7	2.4
	21	22	5078	10220	1034	3138	194	29.4	43.1	2.6	7.4	0.8	1.3	0.1	0.6	0.1	15.2	1.98	21.5	1.6
	22	23	13487	25305	2416	7080	474	72.7	113.0	6.8	18.6	1.8	2.7	0.2	0.8	0.1	38.1	4.90	68.4	1.2
	23	24	8890	15601	1462	4257	288	48.2	79.5	5.2	14.7	1.5	2.3	0.2	0.9	0.2	31.8	3.07	44.6	0.8
	24	25	5970	10663	983	2823	191	33.5	57.1	4.2	14.4	1.7	3.5	0.4	2.3	0.3	43.2	2.08	28.0	2.2
	25	26	12373	21128	1861	5144	322	52.0	81.6	5.3	15.6	1.6	2.6	0.3	0.9	0.1	33.0	4.10	47.4	0.8
	26	27	7342	13635	1293	3756	241	37.4	57.2	3.5	9.2	1.0	1.5	0.2	0.6	0.1	19.1	2.64	32.9	0.7
	27	28	8620	16092	1528	4444	285	43.3	70.1	4.1	11.1	1.2	2.1	0.2	1.1	0.2	26.7	3.11	35.6	1.1
	28	29	4421	9127	900	2729	170	26.2	39.8	2.4	7.1	0.8	1.4	0.2	0.8	0.1	16.5	1.74	18.5	0.9
	29	30	12021	22418	2157	6450	460	78.2	125.6	8.2	23.3	2.2	3.4	0.3	0.9	0.2	45.7	4.38	80.9	0.8
	30	31	14015	25919	2453	7232	489	79.7	129.1	8.2	21.0	2.1	2.9	0.2	0.9	0.1	40.6	5.04	81.8	0.7
	31	32	20114	36729	3480	10113	683	112.2	180.4	11.1	31.3	3.1	4.5	0.4	1.3	0.2	63.5	7.15	118.0	1.3
	32	33	13722	26902	2634	7967	555	88.4	139.5	8.3	21.9	2.0	2.9	0.3	1.0	0.2	43.2	5.21	79.2	1.4
	33	34	14250	30833	3262	10323	726	107.3	155.6	8.6	21.5	2.1	3.2	0.2	0.9	0.1	40.6	5.97	77.1	0.9
	34	35	14601	29113	2948	9168	656	100.4	146.4	8.3	22.7	2.4	3.5	0.3	1.3	0.2	49.5	5.68	69.3	0.8
	35	36	22811	44837	4458	13414	885	135.5	204.6	12.1	33.6	3.2	4.4	0.4	1.0	0.2	67.3	8.69	99.1	0.8
	36	37	12666	23831	2271	6672	437	68.8	107.2	6.6	17.6	1.8	2.5	0.3	1.0	0.1	35.6	4.61	55.5	0.9
	37	38	2920	6179	636	1942	129	19.9	31.1	1.9	5.7	0.6	1.1	0.2	0.8	0.1	15.2	1.19	18.2	7.4
	38	39	2416	5245	544	1668	111	17.0	27.4	1.7	5.2	0.7	1.1	0.1	0.8	0.1	14.0	1.01	14.5	4.9
	39	40	1407	2862	304	976	98	20.3	41.7	4.2	17.6	2.6	6.1	0.7	4.1	0.5	77.5	0.58	31.7	6.8
	40	41	2404	4754	482	1516	122	21.9	38.4	3.1	11.8	1.4	2.7	0.3	1.4	0.3	38.1	0.94	50.3	12.5
	41	42	2697	5479	552	1668	110	16.9	27.8	1.7	5.2	0.6	1.1	0.2	0.9	0.1	15.2	1.06	15.3	6.3
	42	43	3366	6400	621	1849	129	22.1	34.9	2.6	8.0	0.9	1.8	0.2	1.3	0.2	24.1	1.25	26.3	6.3
	43	44	9312	17566	1679	4934	310	47.8	76.4	4.6	12.5	1.4	2.3	0.2	0.9	0.2	29.2	3.40	43.1	3.2
	44	45	13487	25551	2453	7185	459	72.7	110.4	6.9	19.2	2.0	3.2	0.3	1.4	0.2	45.7	4.94	49.2	1.6
	45	46	16947	33044	3262	9786	623	92.9	134.3	7.5	18.9	1.8	2.9	0.3	0.8	0.2	38.1	6.40	55.0	1.5
	46	47	7518	14986	1504	4537	298	43.9	65.1	3.7	10.2	1.0	1.8	0.2	0.8	0.1	21.6	2.90	30.7	3.1
	47	48	3167	6793	700	2158	146	22.0	33.9	2.2	6.2	0.7	1.3	0.2	0.9	0.1	17.8	1.30	26.9	6.1
	48	49	5817	12407	1287	3954	266	40.8	61.7	4.0	11.5	1.2	2.3	0.2	1.1	0.2	27.9	2.39	39.2	2.6
	49	50	10074	21128	2157	6648	433	64.8	96.9	5.8	16.1	1.7	3.0	0.3	1.4	0.2	39.4	4.07	48.6	2.2
	50	51	4480	9311	934	2846	181	26.8	38.8	2.3	6.9	0.7	1.0	0.1	0.6	0.1	16.5	1.78	19.0	1.5
	51	52	5970	12173	1220	3674	234	36.5	56.4	3.3	10.3	1.2	1.7	0.2	1.0	0.1	24.1	2.34	29.6	1.2
	52	53	7072	14618	1474	4432	279	40.5	62.9	4.0	11.8	1.3	2.2	0.3	1.4	0.2	27.9	2.80	35.0	1.9

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 %	Th ppm	U ppm
	53	54	13077	26042	2561	7768	520	74.2	114.9	7.1	18.6	1.8	3.0	0.2	0.9	0.1	39.4	5.02	60.3	1.6
	54	55	9746	18856	1951	6019	373	57.2	98.2	6.3	17.7	1.7	3.0	0.2	1.3	0.1	34.3	3.72	50.3	0.8
	55	56	6228	13021	1311	4047	267	40.1	61.8	4.0	12.3	1.2	2.2	0.2	1.1	0.1	27.9	2.50	38.3	1.2
	56	57	6028	12272	1232	3697	238	35.0	57.4	3.9	11.0	1.2	2.1	0.2	1.3	0.2	27.9	2.36	32.9	1.0
	57	58	5149	10380	1021	3033	194	29.6	50.3	3.3	10.2	1.1	1.8	0.2	1.3	0.2	26.7	1.99	29.2	2.9
	58	59	3577	7272	721	2181	140	21.9	36.9	2.6	8.3	0.9	1.6	0.2	0.9	0.1	21.6	1.40	25.6	4.6
	59	60	3495	6953	686	2070	137	21.2	33.9	2.3	7.2	0.8	1.5	0.1	0.7	0.1	16.5	1.34	20.5	1.7
	60	61	6204	12898	1317	4024	252	36.0	53.6	3.1	9.1	0.9	1.7	0.2	0.9	0.2	19.1	2.48	26.0	2.8
	61	62	11106	19593	1812	5214	340	53.5	89.6	5.6	15.5	1.6	2.6	0.2	0.9	0.2	33.0	3.83	55.4	4.5
	62	63	9488	16952	1571	4572	312	51.3	86.8	5.6	16.9	1.7	2.9	0.3	1.4	0.2	38.1	3.31	60.6	4.6
	63	64	5583	11105	1128	3488	223	32.4	55.8	3.6	10.2	1.1	1.9	0.2	1.1	0.1	22.9	2.17	28.2	3.5
	64	65	7846	15539	1534	4607	290	43.7	67.7	3.9	11.4	1.2	2.1	0.2	1.1	0.1	26.7	3.00	35.6	3.4
	65	66	5477	10233	977	2904	209	33.6	56.5	3.8	11.7	1.3	2.3	0.2	1.5	0.2	29.2	1.99	35.2	4.1
	66	67	23808	42257	3987	11652	824	133.7	225.9	14.8	40.2	3.9	5.8	0.5	2.1	0.3	78.7	8.30	143.0	1.0
	67	68	11423	19962	1836	5342	376	62.4	106.4	7.1	19.9	1.9	2.7	0.2	1.0	0.2	41.9	3.92	59.3	1.0
	68	69	19468	33535	3117	9028	637	107.9	186.7	13.1	40.5	4.1	6.4	0.5	2.2	0.3	85.1	6.62	102.5	2.1
	69	70	3190	5614	523	1545	118	20.2	38.6	3.2	11.0	1.3	2.3	0.2	1.0	0.1	30.5	1.11	18.9	1.5
	70	71	5102	10847	1151	3628	245	34.3	53.7	3.3	9.8	1.0	2.2	0.2	1.3	0.2	25.4	2.11	25.9	3.0
	71	72	8386	17935	1867	5739	365	52.1	77.9	4.3	12.2	1.1	1.8	0.2	0.8	0.1	24.1	3.45	40.6	3.9
	72	73	10192	19716	1939	5797	373	57.4	94.4	6.3	18.6	1.8	3.1	0.2	1.3	0.2	40.6	3.82	59.6	3.5
	73	74	10602	18242	1643	4689	310	51.4	86.0	5.4	15.5	1.5	2.3	0.2	0.8	0.1	30.5	3.57	52.4	3.0
	74	75	6063	11043	1023	3138	192	29.3	50.8	3.3	9.1	1.0	1.9	0.2	0.7	0.1	21.6	2.16	27.3	5.6
	75	76	3354	6167	586	1715	110	17.5	29.6	1.9	6.1	0.7	1.6	0.2	0.9	0.2	19.1	1.20	16.7	3.3
	76	77	10121	17873	1740	5016	327	52.2	92.2	6.7	16.8	1.7	2.6	0.3	1.3	0.2	38.1	3.53	60.2	4.8
	77	78	2826	4889	451	1423	98	15.6	28.5	2.2	6.9	0.8	1.5	0.1	0.9	0.1	19.1	0.98	17.8	13.0
	78	79	4504	8009	755	2193	146	23.5	40.0	2.8	8.6	1.1	1.8	0.2	1.1	0.2	22.9	1.57	29.5	7.0
	79	80	9957	17935	1698	4969	317	49.1	80.9	6.0	18.4	1.9	3.1	0.3	1.4	0.3	44.5	3.51	64.0	2.7
	80	81	14953	24138	2114	5902	392	65.0	112.2	8.1	24.6	2.4	4.2	0.4	1.7	0.3	57.2	4.78	77.7	1.7
	81	82	38585	57489	4869	12947	876	139.5	239.7	15.0	40.4	3.7	6.6	0.4	1.6	0.2	82.5	11.53	166.5	1.7
	82	83	18237	28622	2561	7103	488	77.4	126.2	8.0	23.8	2.4	4.2	0.3	1.5	0.2	53.3	5.73	79.1	1.6
	83	84	21755	32675	2839	7745	536	87.1	149.3	9.9	29.3	2.9	4.5	0.4	1.5	0.2	66.0	6.59	102.5	1.8
	84	85	20583	30710	2634	7185	491	78.2	130.2	8.3	24.2	2.5	3.7	0.3	1.4	0.1	50.8	6.19	83.1	1.3
	85	86	10016	14679	1250	3371	227	37.3	61.4	4.2	12.6	1.2	2.2	0.2	0.7	0.2	29.2	2.97	39.6	0.8
	86	87	16419	23278	1897	4899	322	51.9	90.6	6.8	20.8	2.1	3.1	0.2	1.1	0.2	44.5	4.70	60.7	1.0
	87	88	26740	38572	3165	8235	545	90.1	155.6	10.8	31.0	3.0	3.8	0.3	1.3	0.2	62.2	7.76	104.0	1.3
	88	89	41283	65351	5981	17729	1426	242.0	405.7	22.8	114.8	4.9	6.4	0.4	1.5	0.3	94.0	13.27	245.0	1.8
	89	90	16888	25305	2193	6065	473	83.3	144.1	9.6	29.5	2.9	4.2	0.4	1.8	0.3	63.5	5.13	91.7	2.0
	90	91	15774	23155	1963	5389	430	78.6	141.2	10.5	34.1	3.3	5.0	0.4	1.9	0.3	78.7	4.71	97.8	2.0
	91	92	18237	30464	2876	8561	688	113.8	189.0	11.5	29.2	2.7	3.9	0.3	1.3	0.2	55.9	6.12	109.5	1.6
	92	93	22049	39923	3987	12131	894	136.1	213.8	11.9	31.9	2.9	4.4	0.3	1.1	0.2	59.7	7.94	139.0	1.9
	93	94	15833	28622	2791	8328	619	96.0	154.5	9.2	26.7	2.7	4.0	0.3	1.4	0.2	54.6	5.65	102.5	1.0
	94	95	14191	22848	2060	5949	510	90.3	163.1	11.1	32.1	3.1	4.7	0.4	2.1	0.3	67.3	4.59	141.5	1.9
	95	96	19879	30096	2622	7383	568	96.1	165.4	10.6	30.1	2.9	4.0	0.3	1.3	0.2	59.7	6.09	128.0	1.9
	96	97	31314	44837	3733	9938	693	119.3	207.5	14.8	46.0	4.7	7.6	0.6	2.4	0.4	106.7	9.10	136.0	2.1
	97	98	46326	71124	6283	17963	1264	208.4	341.2	21.8	63.1	5.9	8.2	0.6	1.8	0.3	118.1	14.37	239.0	0.9

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 %	Th ppm	U ppm
	98	99	44449	67562	5920	17146	1229	205.5	351.5	22.9	65.8	6.6	8.5	0.6	1.9	0.2	128.3	13.71	240.0	0.8
	99	100	9664	16768	1583	4631	329	51.1	86.9	6.3	19.1	1.9	3.2	0.3	1.5	0.2	43.2	3.32	74.6	3.7
	100	101	8972	16153	1559	4607	333	52.5	86.8	5.4	15.4	1.6	2.4	0.2	0.8	0.1	33.0	3.18	59.3	2.1
	101	102	7682	13758	1323	3907	267	41.5	64.7	4.1	12.6	1.4	2.3	0.2	1.1	0.2	31.8	2.71	38.9	2.4
	102	103	7905	14802	1456	4362	315	48.5	78.5	5.1	14.5	1.4	2.3	0.2	1.0	0.2	33.0	2.90	48.3	2.5
	103	104	8948	18057	1849	5715	406	62.1	95.7	5.9	17.2	1.8	3.2	0.4	1.7	0.3	44.5	3.52	55.0	2.9
	104	105	8773	16153	1589	4736	341	53.7	90.1	6.1	19.1	1.9	3.0	0.3	1.3	0.2	43.2	3.18	68.7	3.3
	105	106	6274	11621	1131	3324	233	36.4	62.0	4.1	14.0	1.5	2.6	0.3	1.5	0.2	35.6	2.27	41.9	9.3
	106	107	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	107	108	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	108	109	11400	19470	1824	5237	368	57.2	94.5	6.2	17.5	1.8	2.6	0.3	1.0	0.1	39.4	3.85	56.1	1.8
	109	110	7248	13021	1275	3779	277	44.5	74.8	5.1	14.9	1.5	2.9	0.2	1.5	0.2	36.8	2.58	56.5	2.0
	110	111	6075	10724	1015	2939	206	33.4	52.9	3.3	10.1	1.0	1.6	0.2	0.9	0.1	24.1	2.11	34.7	2.7
	111	112	9007	16338	1553	4502	304	46.1	76.1	4.2	12.2	1.2	1.9	0.2	0.7	0.1	24.1	3.19	40.6	1.3
	112	113	10743	20269	1975	5785	394	58.8	93.6	5.5	14.7	1.5	2.4	0.2	0.8	0.1	30.5	3.94	52.5	1.4
	113	114	9910	18365	1806	5342	354	56.0	90.4	5.6	14.7	1.6	2.4	0.2	1.0	0.1	31.8	3.60	49.4	1.2
	114	115	8773	15724	1504	4409	297	47.2	78.5	5.1	13.3	1.4	2.1	0.2	1.4	0.1	29.2	3.09	42.8	0.7
	115	116	18002	30464	2851	8235	568	92.3	159.1	10.1	26.3	2.3	3.1	0.3	1.0	0.2	45.7	6.05	85.5	1.0
	116	117	12256	21804	2078	6030	400	63.9	104.1	6.8	18.1	1.7	2.7	0.2	1.0	0.1	35.6	4.28	58.6	3.7
	117	118	22870	40169	3866	11186	751	121.0	200.6	13.2	32.5	3.2	4.7	0.3	1.6	0.2	61.0	7.93	119.5	1.2
	118	119	17709	29236	2694	7593	496	79.4	134.3	8.5	20.7	1.9	2.6	0.2	0.8	0.1	36.8	5.80	77.5	1.0
	119	120	10837	18672	1770	5097	344	56.3	94.2	6.1	16.1	1.7	2.4	0.2	0.7	0.1	30.5	3.69	51.5	1.1
	120	121	15598	24814	2247	6357	435	72.6	128.5	9.1	26.1	2.6	4.2	0.3	1.4	0.2	52.1	4.97	77.4	1.3
	121	122	8902	14434	1317	3721	246	41.7	71.1	5.1	14.5	1.5	2.4	0.2	1.1	0.2	34.3	2.88	43.3	2.4
	122	123	7166	11952	1118	3184	215	35.8	60.9	4.6	13.1	1.4	2.9	0.3	1.3	0.2	34.3	2.38	33.9	1.4
	123	124	8409	14741	1389	4001	264	43.1	72.0	5.2	14.0	1.6	2.5	0.2	1.0	0.1	33.0	2.90	41.1	1.7
	124	125	5641	10024	965	2811	186	28.6	46.6	3.0	9.4	1.0	1.9	0.1	0.9	0.1	22.9	1.97	25.9	1.0
	125	126	11904	18795	1679	4631	306	51.2	85.6	5.6	14.4	1.4	2.2	0.2	0.8	0.1	27.9	3.75	50.9	0.7
	126	127	10110	16092	1444	4012	256	40.8	67.8	4.4	11.9	1.1	1.8	0.1	0.6	0.1	22.9	3.21	42.6	1.2
	127	128	10203	15846	1408	3872	247	40.6	70.7	5.0	14.0	1.4	1.7	0.2	0.8	0.1	27.9	3.17	44.3	1.2
	128	129	12608	19286	1685	4666	308	50.5	87.9	6.0	16.9	1.7	2.3	0.2	0.8	0.1	35.6	3.88	57.6	1.7
	129	130	12490	19839	1782	4922	327	53.6	92.1	6.1	16.8	1.7	2.4	0.2	0.8	0.1	35.6	3.96	57.5	1.1
	130	131	17357	27639	2453	6672	413	67.9	113.5	8.1	20.8	2.0	3.0	0.3	1.1	0.1	43.2	5.48	67.0	1.9
	131	132	11247	18365	1637	4491	290	47.4	82.1	5.9	17.1	1.7	2.7	0.2	0.9	0.1	36.8	3.62	51.6	2.5
	132	133	7940	12837	1153	3196	211	34.9	59.2	4.4	12.4	1.2	2.1	0.2	1.0	0.1	27.9	2.55	37.5	1.6
	133	134	30845	44468	3806	10276	683	110.1	191.9	13.5	38.1	3.6	5.7	0.5	1.9	0.3	76.2	9.05	124.5	1.4
	134	135	14953	24937	2326	6648	431	68.6	115.3	8.0	22.7	2.5	3.5	0.3	1.4	0.2	49.5	4.96	67.4	4.8
	135	136	6110	11584	1166	3464	227	36.7	62.5	4.1	13.1	1.4	2.2	0.2	0.9	0.1	31.8	2.27	35.3	5.7
	136	137	6134	12014	1214	3686	250	37.6	63.7	4.0	12.3	1.3	2.4	0.2	1.4	0.1	29.2	2.35	34.0	5.5
	137	138	6145	11768	1191	3569	241	38.0	59.5	4.0	11.0	1.2	1.9	0.2	1.1	0.2	26.7	2.31	29.6	4.6
	138	139	6263	11965	1195	3569	234	34.9	55.7	3.7	10.9	1.2	2.1	0.2	1.0	0.1	26.7	2.34	30.1	4.7
	139	140	3061	5970	602	1837	135	22.1	41.0	3.4	12.9	1.7	3.7	0.4	2.4	0.3	44.5	1.17	28.7	5.0
	140	141	5407	10245	1027	3056	201	31.4	51.1	3.5	10.6	1.1	1.9	0.1	0.9	0.1	25.4	2.01	28.8	5.0
	141	142	7119	13328	1317	3884	256	41.5	66.6	4.7	13.2	1.4	2.1	0.2	1.0	0.2	29.2	2.61	40.5	3.8
	142	143	9582	18119	1794	5260	349	55.8	93.4	6.2	17.9	1.9	2.7	0.2	1.1	0.2	40.6	3.53	57.9	3.4

Hole ID	From m	To m	La_2O_3 ppm	CeO_2 ppm	Pr_2O_3 ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO %	Th ppm	U ppm
	143	144	6579	12235	1232	3488	250	41.9	71.4	4.7	14.4	1.7	2.9	0.3	1.4	0.2	35.6	2.40	40.0	3.7
	144	145	7131	13328	1353	3849	288	50.5	88.4	6.6	21.8	2.5	4.4	0.4	2.2	0.3	55.9	2.62	63.6	4.2
	145	146	6286	12345	1317	3861	299	52.9	96.7	7.6	24.6	2.9	5.0	0.5	2.9	0.4	66.0	2.44	67.6	5.1
	146	147	5407	10134	1048	3044	242	45.6	83.5	6.3	20.4	2.6	5.3	0.5	2.5	0.3	61.0	2.01	48.0	4.9
	147	148	5242	9925	1033	2986	226	40.2	69.6	4.8	15.8	1.8	3.3	0.4	1.9	0.3	41.9	1.96	41.2	5.0
	148	149	2850	5786	616	1855	162	30.8	58.0	4.6	16.5	2.4	4.8	0.5	3.3	0.5	55.9	1.14	33.9	7.2
	149	150	4316	8660	921	2659	184	30.9	49.7	3.4	10.3	1.3	2.6	0.2	1.5	0.2	29.2	1.69	27.5	5.6
	150	151	4480	8906	941	2706	195	34.0	59.0	4.1	13.1	1.6	3.4	0.3	1.9	0.3	38.1	1.74	39.4	6.2
	151	152	3425	6781	719	2123	172	32.7	59.1	5.3	18.1	2.1	4.2	0.4	2.9	0.4	53.3	1.34	45.0	6.2
	152	153	5008	10134	1090	3219	248	45.5	84.5	7.2	23.0	2.5	4.1	0.4	2.6	0.4	61.0	1.99	68.0	6.4
	153	154	3331	6695	712	2123	181	34.9	73.3	7.7	28.7	3.1	6.2	0.6	3.8	0.6	80.0	1.33	73.0	5.5
	154	155	4597	9311	1004	2963	231	40.9	73.0	5.3	16.5	2.0	3.7	0.4	1.9	0.3	45.7	1.83	50.4	6.4
	155	156	7307	14925	1589	4642	347	60.7	104.2	6.8	20.7	2.3	4.4	0.4	2.5	0.4	55.9	2.91	78.6	4.9
	156	157	4480	8906	945	2741	203	34.2	59.8	3.9	11.7	1.3	2.5	0.3	1.7	0.2	30.5	1.74	45.9	7.3
	157	158	4679	9557	990	3044	210	33.7	55.6	3.8	11.5	1.3	2.5	0.2	1.3	0.2	30.5	1.86	40.6	6.7
	158	159	4105	8230	859	2671	212	37.8	68.2	5.2	18.6	2.3	4.5	0.5	2.9	0.3	59.7	1.63	39.0	5.6
	159	160	3601	7125	750	2356	204	37.9	73.5	5.6	20.2	2.7	5.6	0.6	3.6	0.4	64.8	1.43	37.4	6.2
	160	161	6415	12173	1232	3697	267	43.4	74.3	5.0	15.6	1.8	3.1	0.3	1.7	0.2	39.4	2.40	42.0	4.9
	161	162	4703	9238	988	2904	237	42.5	77.1	5.6	19.1	2.5	4.9	0.5	2.9	0.4	61.0	1.83	47.1	6.8
	162	163	4609	9090	963	2834	222	39.3	67.4	4.4	13.1	1.6	2.7	0.3	1.4	0.2	35.6	1.79	36.7	7.0
	163	164	3999	7960	855	2589	226	42.3	76.2	5.7	19.3	2.4	4.6	0.5	2.7	0.4	57.2	1.58	37.0	7.7
	164	165	5383	10380	1087	3161	244	43.4	76.5	5.4	17.7	2.0	4.0	0.3	2.3	0.3	47.0	2.05	50.0	8.7
	165	166	6110	11326	1135	3184	217	35.7	60.1	3.8	12.2	1.3	2.5	0.2	1.0	0.2	30.5	2.21	38.6	6.5
	166	167	5254	10024	1029	2904	204	34.6	56.1	3.9	10.9	1.2	1.7	0.2	1.0	0.1	26.7	1.96	35.9	6.8
	167	168	7201	13205	1323	3639	237	38.4	63.3	3.9	12.4	1.4	2.2	0.2	1.1	0.2	29.2	2.58	36.3	5.0
	168	169	6826	12653	1250	3383	212	35.9	61.1	4.5	15.0	1.6	3.0	0.3	1.5	0.3	41.9	2.45	46.2	5.0
	169	170	7037	13021	1299	3558	245	41.7	74.7	5.4	16.3	2.0	3.3	0.4	1.5	0.3	48.3	2.54	70.9	3.6
	170	171	6169	11682	1148	3324	205	33.2	61.6	5.2	17.9	1.9	3.4	0.3	1.5	0.2	49.5	2.27	66.9	4.4
	171	172	6732	14004	1480	4631	339	57.1	99.2	7.6	24.5	2.7	4.6	0.5	1.7	0.2	67.3	2.75	97.6	2.3
	172	173	3120	6818	738	2379	184	29.9	52.0	3.7	12.2	1.4	2.4	0.2	0.9	0.2	34.3	1.34	51.2	1.7
	173	174	7576	14495	1426	4187	270	46.2	81.0	6.3	19.2	2.2	3.2	0.3	1.3	0.1	50.8	2.82	77.7	3.2
	174	175	8139	15355	1504	4362	270	43.8	79.3	5.7	17.6	2.0	3.2	0.3	0.9	0.2	47.0	2.98	69.1	4.1
	175	176	5993	11412	1122	3266	202	33.1	60.2	4.3	14.2	1.6	3.0	0.3	1.0	0.1	38.1	2.22	56.6	3.7
	176	177	5536	11191	1153	3523	235	37.8	67.0	5.1	16.5	1.7	3.3	0.3	1.3	0.2	41.9	2.18	66.5	3.9
	177	178	6169	11486	1118	3231	189	28.1	49.8	3.9	11.9	1.4	2.3	0.2	1.0	0.2	30.5	2.23	37.9	5.7
	178	179	6310	11977	1206	3628	246	41.0	72.2	5.4	17.2	1.9	3.2	0.3	1.6	0.2	41.9	2.36	62.8	7.0
	179	180	5618	10663	1056	3126	202	33.1	61.7	5.0	15.4	1.7	3.3	0.3	1.6	0.2	41.9	2.08	56.6	6.4
KGKRC068	0	1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1	2	5137	10085	1029	3126	215	35.3	61.7	4.2	12.3	1.3	2.1	0.2	1.1	0.1	29.2	1.97	32.6	1.4
	2	3	5348	9569	928	2753	191	33.5	58.4	4.2	11.9	1.2	1.7	0.2	0.7	0.1	22.9	1.89	28.9	1.0
	3	4	4797	9287	951	2928	203	32.8	56.7	4.1	12.5	1.3	2.2	0.2	1.1	0.2	27.9	1.83	30.8	5.0
	4	5	4163	8537	899	2811	181	28.4	44.1	2.8	8.4	0.9	1.7	0.2	0.9	0.2	20.3	1.67	22.4	2.2
	5	6	5325	10822	1138	3511	231	34.0	52.4	3.4	10.1	1.0	1.9	0.2	1.0	0.1	20.3	2.12	26.7	1.1
	6	7	7236	13820	1426	4304	283	43.9	74.5	5.3	15.8	1.8	3.1	0.3	1.7	0.3	35.6	2.73	36.9	2.0
	7	8	5923	12149	1287	3977	254	36.9	56.4	3.5	9.6	1.0	1.7	0.2	1.0	0.1	20.3	2.37	25.7	2.6

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 %	Th ppm	U ppm
	8	9	4175	8906	964	3044	206	31.4	51.1	3.4	10.3	1.2	2.3	0.3	1.0	0.2	26.7	1.74	24.4	7.0
	9	10	7271	15785	1698	5307	330	48.4	73.4	4.1	12.2	1.3	2.2	0.3	1.5	0.2	27.9	3.06	33.2	1.7
	10	11	5067	11105	1232	3942	250	36.1	53.8	3.1	8.6	1.0	1.7	0.2	0.9	0.1	19.1	2.17	24.1	1.7
	11	12	3917	8537	924	2881	177	25.7	39.2	2.3	6.3	0.6	1.3	0.1	0.6	0.1	14.0	1.65	16.8	1.5
	12	13	3565	7714	825	2578	159	23.4	35.6	2.1	5.7	0.6	1.1	0.1	0.7	0.1	12.7	1.49	16.2	1.4
	13	14	3776	7935	846	2659	175	25.8	39.7	2.4	6.5	0.7	1.3	0.1	0.6	0.1	14.0	1.55	17.8	1.0
	14	15	4574	9434	986	3044	197	31.0	49.6	3.4	9.9	1.1	1.8	0.2	0.9	0.2	22.9	1.84	30.3	1.2
	15	16	3413	6953	726	2234	140	20.3	32.9	2.1	6.3	0.6	1.4	0.1	0.8	0.1	15.2	1.35	16.4	0.4
	16	17	3225	6658	696	2164	148	24.4	44.7	3.9	15.8	2.2	4.5	0.5	2.5	0.4	57.2	1.30	23.1	7.0
	17	18	3659	7248	743	2269	147	23.2	38.5	2.7	7.5	0.9	1.5	0.2	0.9	0.1	19.1	1.42	23.9	0.8
	18	19	11235	18733	1698	4666	256	41.6	67.5	4.4	12.5	1.3	1.9	0.2	0.9	0.1	26.7	3.67	36.1	3.2
	19	20	13663	25059	2465	7255	446	67.2	105.7	6.3	18.0	1.9	3.4	0.3	1.3	0.2	36.8	4.91	51.4	1.1
	20	21	12608	24937	2610	8095	561	85.5	131.4	7.6	20.4	1.9	3.1	0.3	1.3	0.2	38.1	4.91	64.6	1.0
	21	22	10907	20084	2090	6194	428	65.3	107.5	6.5	16.9	1.9	2.9	0.3	1.6	0.3	40.6	3.99	48.7	1.0
	22	23	13663	24691	2453	6847	426	66.1	112.8	7.5	19.2	2.3	3.9	0.3	1.6	0.2	47.0	4.83	55.3	1.2
	23	24	18354	32061	3190	8958	582	91.7	156.2	9.5	21.9	2.5	3.4	0.3	1.4	0.2	47.0	6.35	78.4	1.1
	24	25	4410	8206	849	2473	162	25.2	42.7	2.6	7.4	0.9	1.0	0.1	0.6	0.1	15.2	1.62	20.1	0.8
	25	26	8679	15662	1577	4526	307	49.4	86.9	5.5	14.5	1.6	2.4	0.2	1.0	0.1	30.5	3.09	41.9	0.9
	26	27	3929	7800	845	2519	177	27.3	43.8	2.7	6.2	0.8	1.4	0.2	0.8	0.1	15.2	1.54	19.6	1.4
	27	28	3659	7248	783	2344	162	24.3	40.3	2.4	6.3	0.8	1.4	0.2	0.8	0.1	16.5	1.43	17.9	1.8
	28	29	5149	9975	1086	3254	213	32.9	54.1	3.4	8.0	0.9	1.5	0.2	1.0	0.1	19.1	1.98	23.5	1.2
	29	30	2615	5122	550	1645	111	17.1	29.4	1.7	4.3	0.5	1.1	0.1	0.6	0.1	12.7	1.01	12.9	1.3
	30	31	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	31	32	20934	42503	4664	13705	894	135.5	221.3	12.8	29.3	3.0	3.9	0.3	1.3	0.2	54.6	8.32	127.0	2.0
	32	33	14895	29973	3202	9390	596	86.6	140.0	8.3	18.9	2.0	3.0	0.3	1.1	0.2	39.4	5.84	79.0	2.5
	33	34	5031	10269	1066	3231	204	31.3	50.1	3.0	8.3	0.9	1.6	0.2	0.8	0.1	19.1	1.99	22.7	1.1
	34	35	7987	15908	1619	4841	305	47.0	75.0	4.8	12.4	1.3	2.1	0.2	1.0	0.1	27.9	3.08	41.1	2.2
	35	36	6134	11817	1238	3628	231	34.2	54.4	3.4	7.8	0.9	1.6	0.1	0.7	0.1	16.5	2.32	23.4	3.0
	36	37	4679	9016	954	2834	187	27.6	45.3	2.7	7.1	0.8	1.4	0.1	0.6	0.1	16.5	1.78	20.3	2.3
	37	38	4339	8427	905	2694	181	27.4	45.5	2.9	7.5	0.9	1.5	0.2	0.9	0.1	19.1	1.67	22.1	4.4
	38	39	3765	7334	790	2368	167	24.7	38.2	2.3	6.1	0.7	1.4	0.2	0.9	0.1	16.5	1.45	15.6	4.7
	39	40	4421	8071	842	2473	170	27.4	48.9	3.2	9.0	1.1	1.6	0.2	1.0	0.2	22.9	1.61	23.0	2.5
	40	41	17240	29604	2972	8468	596	99.1	177.5	11.6	29.7	3.1	4.0	0.3	1.6	0.2	61.0	5.93	89.3	0.9
	41	42	13077	24138	2537	7383	499	75.7	123.3	7.0	17.2	1.9	2.4	0.2	0.9	0.2	33.0	4.79	58.2	0.8
	42	43	12842	24814	2622	7827	537	81.1	130.2	7.3	17.1	1.8	2.6	0.2	1.0	0.2	33.0	4.89	60.5	0.5
	43	44	17240	34641	3818	11664	836	129.1	206.3	11.3	26.2	2.5	3.3	0.3	1.3	0.1	47.0	6.86	92.2	0.6
	44	45	7670	15662	1746	5307	370	55.7	91.1	4.9	11.6	1.3	1.9	0.2	1.0	0.1	25.4	3.09	39.5	1.7
	45	46	6931	13881	1510	4467	292	43.5	70.1	4.0	10.1	1.1	1.7	0.2	0.9	0.2	22.9	2.72	36.8	2.1
	46	47	4316	8758	961	2916	197	28.8	46.9	2.6	6.1	0.7	1.1	0.1	0.8	0.1	15.2	1.73	19.8	2.7
	47	48	3577	7186	794	2426	169	25.0	39.5	2.4	5.9	0.7	1.0	0.1	0.8	0.1	14.0	1.42	17.1	3.6
	48	49	3730	7469	820	2496	169	24.3	39.1	2.2	5.5	0.7	1.3	0.1	0.8	0.1	14.0	1.48	16.0	4.0
	49	50	3905	7456	790	2333	152	22.7	37.6	2.1	5.4	0.7	1.0	0.1	0.8	0.1	12.7	1.47	15.6	3.7
	50	51	930	1726	183	534	38	5.7	10.0	0.7	2.3	0.4	0.8	0.1	0.7	0.1	10.2	0.34	6.7	0.9
	51	52	7670	12530	1207	3371	235	39.0	69.5	4.2	10.9	1.2	1.6	0.1	0.6	-0.1	21.6	2.52	33.2	1.6
	52	53	12373	21190	1921	5540	380	62.0	106.3	6.4	17.1	1.5	2.1	0.2	0.6	0.1	30.5	4.16	52.5	1.5

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 %	Th ppm	U ppm
	53	54	9594	17996	1734	5179	347	55.8	92.1	6.2	17.5	1.7	2.9	0.2	1.3	0.2	39.4	3.51	57.6	2.7
	54	55	7623	16461	1704	5225	342	52.1	79.3	4.8	12.4	1.2	1.9	0.2	0.8	0.1	25.4	3.15	48.9	2.5
	55	56	3436	7407	791	2531	186	28.1	44.3	2.7	7.5	0.8	1.5	0.1	0.8	0.1	19.1	1.45	28.6	4.1
	56	57	3554	7641	829	2706	204	32.0	47.1	2.8	7.4	0.8	1.5	0.2	0.8	0.2	16.5	1.50	28.0	4.9
	57	58	4163	8722	916	2893	208	30.0	48.1	2.9	7.8	0.9	1.6	0.2	0.9	0.2	21.6	1.70	25.1	3.0
	58	59	19820	42748	4603	14755	1058	159.8	238.6	13.4	32.7	2.9	4.0	0.3	1.0	0.2	55.9	8.35	129.0	1.7
	59	60	13780	29973	3202	10171	717	107.0	165.4	9.6	22.6	2.1	2.7	0.2	0.9	0.1	40.6	5.82	88.3	1.7
	60	61	7670	16276	1710	5330	363	54.5	83.1	4.8	12.4	1.3	2.2	0.2	1.0	0.1	26.7	3.15	39.8	1.7
	61	62	6016	11670	1147	3453	234	37.6	61.7	3.9	10.8	1.2	2.3	0.2	1.0	0.2	26.7	2.27	35.0	1.7
	62	63	3835	8132	851	2671	176	26.6	39.1	2.7	6.7	0.8	1.4	0.1	0.9	0.1	16.5	1.58	19.6	2.2
	63	64	4668	9422	967	3009	206	30.1	46.7	2.7	6.8	0.7	1.3	0.1	0.6	0.1	16.5	1.84	21.4	4.5
	64	65	21286	39800	3842	11349	760	118.7	193.1	11.9	29.3	2.6	3.5	0.3	1.1	0.1	52.1	7.74	128.5	1.9
	65	66	6157	12247	1238	3826	269	40.6	67.8	4.5	13.2	1.4	2.4	0.3	1.3	0.2	30.5	2.39	46.0	3.4
	66	67	4011	8107	820	2484	158	23.5	37.5	2.3	6.4	0.7	1.1	0.1	0.6	0.1	16.5	1.57	17.6	2.8
	67	68	11060	23033	2392	7535	516	75.4	117.0	6.6	16.6	1.5	2.3	0.2	0.9	0.1	30.5	4.48	57.1	1.3
	68	69	5442	11633	1232	3884	257	36.6	54.6	3.3	8.5	1.0	2.3	0.4	0.8	0.4	17.8	2.26	25.5	4.2
	69	70	9594	19593	2030	6415	465	68.6	105.0	6.7	16.9	1.8	2.5	0.2	1.3	0.2	35.6	3.83	51.6	2.1
	70	71	6380	11154	1063	3138	219	35.3	61.3	4.0	12.2	1.2	2.2	0.2	1.0	0.2	27.9	2.21	32.3	2.2
	71	72	7002	13512	1341	4047	276	42.4	71.5	4.5	13.3	1.3	2.3	0.2	1.4	0.2	29.2	2.63	44.4	15.8
	72	73	3812	7899	818	2543	165	23.6	34.9	2.3	6.1	0.6	1.4	0.1	0.7	0.2	15.2	1.53	16.8	5.8
	73	74	6099	12837	1353	4222	284	40.5	58.6	3.4	8.4	0.8	1.4	0.2	0.7	0.1	17.8	2.49	23.2	3.6
	74	75	4246	8439	858	2648	171	24.1	37.3	2.2	6.4	0.7	1.1	0.1	0.7	0.1	15.2	1.64	16.4	4.4
	75	76	7471	14802	1456	4304	263	36.2	58.8	3.9	10.0	1.0	1.9	0.2	0.9	0.2	22.9	2.84	30.1	3.7
	76	77	7658	15355	1534	4607	282	41.5	61.3	3.5	9.6	1.0	1.7	0.2	1.0	0.2	21.6	2.96	32.0	4.7
	77	78	6861	13082	1281	3802	244	36.2	60.1	3.9	10.7	1.3	2.5	0.2	1.3	0.2	27.9	2.54	36.2	12.0
	78	79	9957	20576	2096	6415	415	58.5	87.3	5.1	12.6	1.3	2.1	0.2	0.8	0.2	26.7	3.97	37.0	3.4
	79	80	7553	14004	1341	3931	249	38.7	64.9	4.1	11.7	1.3	2.2	0.2	0.9	0.2	27.9	2.72	34.2	2.5
	80	81	21404	35378	3202	9145	661	113.8	199.4	14.5	40.4	4.2	6.4	0.5	1.9	0.3	87.6	7.03	123.0	1.7
	81	82	10895	20023	1909	5634	366	58.0	90.5	5.9	15.2	1.5	2.4	0.2	0.9	0.1	33.0	3.90	43.3	1.4
	82	83	6099	11744	1157	3476	224	35.6	55.3	3.5	9.6	1.1	1.9	0.2	1.0	0.2	22.9	2.28	27.1	2.6
	83	84	10074	18672	1788	5272	357	58.5	94.7	6.2	17.2	1.6	2.4	0.2	1.0	0.2	34.3	3.64	53.6	1.1
	84	85	6157	12653	1287	3861	249	37.5	57.9	3.4	9.3	1.0	1.7	0.2	0.9	0.2	21.6	2.43	28.3	1.3
	85	86	9195	18795	1903	5692	343	51.6	74.2	4.5	11.3	1.1	1.8	0.2	0.8	0.1	24.1	3.61	38.3	5.8
	86	87	5536	11387	1173	3558	219	32.3	49.7	2.9	7.7	0.8	1.5	0.1	0.6	0.1	16.5	2.20	22.8	2.5
	87	88	3389	7026	712	2170	139	20.6	31.2	2.1	6.0	0.8	1.3	0.1	0.9	0.2	16.5	1.35	15.9	2.9
	88	89	6357	12407	1238	3674	237	35.0	57.1	3.7	10.7	1.2	2.1	0.2	1.1	0.2	26.7	2.41	33.9	3.6
	89	90	5160	9803	959	2834	182	28.7	46.3	3.3	9.8	1.2	2.5	0.3	1.7	0.2	29.2	1.91	26.5	5.2
	90	91	6439	12407	1214	3604	223	35.3	55.3	4.1	11.6	1.1	2.2	0.2	1.3	0.2	29.2	2.40	36.9	2.8
	91	92	9300	17566	1710	4946	308	49.6	82.0	5.4	15.8	1.6	2.6	0.2	1.0	0.2	34.3	3.40	49.6	2.4
	92	93	11118	20453	1987	5715	357	57.8	97.6	6.5	17.3	1.7	3.0	0.2	1.3	0.1	38.1	3.99	58.5	3.3
	93	94	8421	14372	1341	3814	247	41.2	69.5	4.8	13.0	1.4	2.2	0.2	0.9	0.1	29.2	2.84	44.3	7.1
	94	95	9042	14679	1335	3697	232	39.6	70.0	5.1	15.2	1.6	2.6	0.2	1.0	0.2	36.8	2.92	31.4	2.1
	95	96	6662	11952	1139	3266	198	31.4	53.4	3.4	9.1	0.9	1.5	0.1	0.7	0.1	20.3	2.33	26.0	4.1
	96	97	7447	14249	1426	4234	255	40.5	64.1	4.0	10.7	1.2	1.8	0.3	1.0	0.2	24.1	2.78	30.4	3.7
	97	98	4539	9029	903	2694	165	24.9	38.5	2.4	6.4	0.7	1.1	0.1	0.7	0.1	16.5	1.74	16.6	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 %	Th ppm	U ppm
	98	99	7482	13267	1244	3604	230	36.1	59.0	3.9	10.2	1.1	1.6	0.2	0.7	0.1	21.6	2.60	30.2	4.1
	99	100	28264	49259	4579	12772	786	127.4	213.2	14.2	37.5	3.3	4.9	0.3	1.5	0.2	69.8	9.61	108.0	4.4
	100	101	14660	25674	2392	6777	416	64.4	105.0	6.4	17.3	1.7	2.7	0.2	0.9	0.1	34.3	5.02	59.2	1.2
	101	102	5946	12014	1214	3639	228	35.4	52.9	3.4	9.3	1.0	1.6	0.2	0.9	0.1	21.6	2.32	26.6	6.8
	102	103	3988	8083	808	2449	154	23.2	37.3	2.6	6.8	0.7	1.4	0.2	0.9	0.1	17.8	1.56	16.7	3.7
	103	104	7342	13451	1293	3802	245	37.5	64.0	4.5	12.5	1.4	2.4	0.3	1.3	0.2	34.3	2.63	39.3	2.9
	104	105	22694	39800	3697	10474	692	113.9	193.1	12.8	33.9	3.5	5.3	0.4	1.8	0.3	72.4	7.78	117.5	2.5
	105	106	12432	22541	2120	6124	401	67.4	115.8	8.9	25.6	2.8	4.7	0.4	2.3	0.4	68.6	4.39	87.6	3.6
	106	107	16888	30710	2888	8246	495	77.7	126.2	8.8	25.0	2.5	4.4	0.3	1.7	0.2	57.2	5.95	69.7	1.7
	107	108	9511	16215	1474	4082	240	38.3	63.5	4.4	10.9	1.2	1.8	0.1	0.8	0.1	25.4	3.17	36.0	1.5
	108	109	8233	14495	1335	3791	237	37.1	59.2	4.1	11.5	1.2	1.9	0.2	0.9	0.1	29.2	2.82	34.2	2.1
	109	110	7166	13144	1250	3593	217	33.4	51.9	3.3	9.4	1.0	1.8	0.2	0.8	0.1	22.9	2.55	29.2	3.1
	110	111	4468	8697	854	2496	146	21.3	32.0	2.1	6.1	0.7	1.3	0.1	0.7	0.1	15.2	1.67	18.2	4.5
	111	112	3354	6314	590	1709	108	17.8	28.4	2.2	7.0	0.9	1.5	0.3	1.3	0.2	20.3	1.22	17.8	8.1
	112	113	4257	7886	739	2135	133	19.8	32.0	2.2	6.7	0.7	1.6	0.2	1.0	0.2	19.1	1.52	17.0	3.9
	113	114	9312	16031	1432	4001	248	40.9	66.9	4.5	10.9	1.2	1.7	0.2	0.7	0.1	22.9	3.12	40.6	2.8
	114	115	12842	21681	1921	5377	339	55.8	92.0	5.9	15.4	1.5	2.2	0.2	0.8	0.1	30.5	4.24	56.9	3.5
	115	116	4961	8587	768	2152	142	23.5	40.1	2.6	7.8	0.8	1.8	0.2	1.0	0.2	21.6	1.67	24.1	4.3
	116	117	10344	17996	1619	4561	292	48.9	80.8	5.2	13.8	1.4	2.5	0.2	1.0	0.1	29.2	3.50	45.5	2.1
	117	118	5160	8808	794	2234	152	25.7	44.0	3.1	8.0	0.9	1.4	0.1	0.9	0.1	21.6	1.73	24.5	1.0
	118	119	5031	9016	822	2344	148	23.6	38.0	2.5	7.1	0.9	1.4	0.2	0.7	0.1	17.8	1.75	21.8	1.5
	119	120	7178	12468	1122	3138	197	31.4	51.3	3.4	10.0	1.2	2.1	0.2	0.8	0.2	26.7	2.42	28.5	1.5
	120	121	12197	20330	1764	4806	302	50.3	86.5	5.7	15.8	1.6	2.4	0.2	1.0	0.1	33.0	3.96	49.1	0.8
	121	122	7142	13144	1220	3488	212	32.5	51.9	3.1	9.1	1.0	1.7	0.2	0.8	0.1	20.3	2.53	26.2	2.7
	122	123	6955	13021	1244	3628	228	35.8	56.1	3.4	9.2	1.1	1.8	0.2	0.8	0.1	21.6	2.52	29.2	1.4
	123	124	9089	15846	1450	4117	266	42.5	68.4	4.6	11.8	1.3	2.1	0.2	1.0	0.1	25.4	3.09	38.1	0.9
	124	125	4070	7678	716	2053	125	19.6	31.0	2.1	5.9	0.7	1.4	0.1	0.9	0.1	16.5	1.47	17.8	3.7
	125	126	7330	13390	1257	3651	246	39.8	62.8	3.9	10.7	1.1	2.1	0.2	0.8	0.2	22.9	2.60	34.1	0.7
	126	127	5841	10552	970	2764	179	28.7	47.6	3.4	10.2	1.2	2.1	0.2	1.1	0.2	26.7	2.04	28.0	3.1
	127	128	11153	18487	1583	4292	255	43.0	73.1	5.4	17.1	1.8	3.3	0.3	1.6	0.2	41.9	3.60	43.9	1.2
	128	129	13956	23217	2006	5459	342	57.2	96.9	6.4	16.6	1.6	2.7	0.2	0.7	0.1	31.8	4.52	59.7	1.0
	129	130	6028	11375	1093	3219	209	33.1	52.9	3.4	9.4	1.0	1.8	0.1	0.9	0.1	21.6	2.20	27.8	3.1
	130	131	8749	17075	1661	4946	335	52.0	81.6	5.0	14.0	1.5	2.2	0.2	1.0	0.1	33.0	3.30	43.9	0.8
	131	132	9957	17812	1673	4806	304	48.1	76.3	4.6	13.7	1.4	2.5	0.3	0.9	0.2	31.8	3.47	39.2	1.2
	132	133	6087	10441	957	2729	183	29.9	51.8	3.5	10.2	1.0	1.9	0.1	1.0	0.1	22.9	2.05	31.1	3.8
	133	134	5794	10503	986	2916	201	33.4	55.4	3.6	9.9	1.1	1.5	0.1	0.8	0.1	21.6	2.05	28.4	2.6
	134	135	12373	20084	1764	5004	341	57.0	92.3	5.9	15.8	1.6	2.4	0.2	0.9	0.1	31.8	3.98	54.8	1.3
	135	136	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	136	137	19938	36975	3516	10334	719	116.4	186.7	11.3	30.4	2.8	4.4	0.3	0.9	0.1	55.9	7.19	104.0	1.0
	137	138	12021	22295	2114	6240	443	72.5	115.0	7.3	20.8	2.1	3.2	0.2	1.3	0.2	43.2	4.34	67.3	0.8
	138	139	15129	28990	2827	8491	626	100.4	166.0	10.6	28.9	2.8	4.5	0.3	1.8	0.2	58.4	5.64	105.5	0.6
	139	140	13135	26779	2682	8211	601	94.5	153.9	9.6	24.1	2.4	3.5	0.3	1.1	0.2	47.0	5.17	101.0	0.6
	140	141	20583	40046	3939	11897	853	134.3	213.8	13.4	33.7	3.3	4.8	0.3	1.5	0.2	64.8	7.78	132.5	0.4
	141	142	11482	21866	2139	6462	470	74.8	119.3	7.4	20.0	2.0	3.0	0.3	1.1	0.2	40.6	4.27	69.6	0.9
	142	143	8233	14618	1426	4176	292	51.0	84.5	5.9	15.6	1.6	2.4	0.2	1.0	0.1	34.3	2.89	54.8	1.9

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 %	Th ppm	U ppm
	143	144	5712	9790	928	2636	180	31.2	54.5	3.8	10.4	1.0	1.9	0.2	0.8	0.1	24.1	1.94	30.0	1.8
	144	145	4726	9545	998	3219	224	33.5	55.2	3.5	9.1	1.0	1.6	0.2	0.7	0.1	20.3	1.88	28.0	1.0
	145	146	5852	11031	1081	3161	209	34.2	57.1	3.9	10.7	1.2	1.8	0.2	0.8	0.1	26.7	2.15	33.3	2.2
	146	147	10672	17198	1547	4234	266	48.2	83.1	6.6	20.0	2.2	3.5	0.3	1.3	0.1	49.5	3.41	57.0	2.0
	147	148	12080	20084	1963	5389	341	55.5	97.7	7.1	22.0	2.2	3.9	0.3	1.3	0.2	52.1	4.01	61.3	1.0
	148	149	11106	17075	1571	4106	266	46.0	90.6	7.6	22.5	2.4	3.5	0.3	1.1	0.2	54.6	3.44	86.7	1.5
	149	150	20348	30341	2706	7418	434	70.6	129.7	10.2	29.0	2.9	4.0	0.3	1.3	0.2	64.8	6.16	94.4	1.4
	150	151	19351	27762	2453	6509	390	66.6	125.1	9.9	27.3	2.8	4.2	0.3	1.7	0.2	64.8	5.68	88.0	1.5
	151	152	10895	16583	1522	3884	235	40.3	81.0	7.3	22.2	2.6	4.5	0.4	2.1	0.3	61.0	3.33	63.5	1.8
	152	153	10743	16706	1613	4234	257	42.3	81.0	6.9	20.5	2.3	3.2	0.3	1.3	0.2	52.1	3.38	60.7	2.2
	153	154	9687	16153	1589	4374	298	49.6	94.6	7.6	23.2	2.3	3.4	0.3	1.3	0.2	53.3	3.23	75.1	2.5
	154	155	17651	27148	2537	7220	448	76.7	141.2	11.7	34.6	3.6	4.9	0.4	1.5	0.2	77.5	5.54	98.4	6.5
	155	156	16536	25551	2410	6893	449	78.4	147.0	11.4	32.9	3.2	4.6	0.3	1.4	1.1	68.6	5.22	112.5	2.7
	156	157	18002	28376	2670	7535	466	77.7	142.9	11.1	31.8	3.1	4.5	0.3	1.3	0.2	68.6	5.74	97.7	2.6
	157	158	11388	17443	1619	4316	279	48.5	93.7	8.4	28.6	3.1	4.8	0.4	1.6	0.3	69.8	3.53	78.8	4.1
	158	159	25450	37589	3480	9821	633	110.4	207.5	17.4	52.7	5.6	6.9	0.7	3.3	0.4	127.0	7.75	172.5	5.1
	159	160	21990	32798	3008	8480	561	100.4	198.8	16.9	52.0	5.2	8.1	0.7	3.3	0.4	119.4	6.73	184.0	4.1
	160	161	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
KGKRCDD001	108.00	108.22	10708	22725	2302	6905	452	72.0	117.0	7.5	19.3	1.9	2.9	0.3	1.3	0.2	39.4	4.34	84.8	5.5
Core Tail Only	108.22	108.42	2944	5479	545	1645	109	16.9	26.3	1.7	6.0	0.7	1.3	0.2	1.1	0.1	16.5	1.08	15.3	13.0
	108.42	109.42	14191	25796	2718	7535	488	75.5	119.9	7.5	20.4	2.1	3.3	0.2	1.0	0.2	43.2	5.10	62.8	4.4
	109.42	110.42	5278	9729	987	2974	192	29.8	48.1	3.2	10.1	1.1	1.6	0.2	0.9	0.2	25.4	1.93	37.0	5.2
	110.42	111.42	6978	13021	1317	3942	260	40.1	65.5	4.2	13.5	1.5	2.3	0.2	1.3	0.2	33.0	2.57	44.1	7.3
	111.42	112.42	6427	11793	1190	3546	233	36.7	60.3	4.1	12.6	1.3	1.9	0.2	0.9	0.1	27.9	2.33	41.2	6.2
	112.42	113.42	4257	8083	812	2461	162	24.9	38.8	2.3	8.2	0.9	1.6	0.2	1.0	0.1	20.3	1.59	22.1	4.8
	113.42	114.42	6145	11473	1149	3394	219	32.4	52.2	3.3	9.9	1.1	1.8	0.1	0.9	0.2	22.9	2.25	28.5	4.3
	114.42	115.42	7025	13881	1486	4619	326	50.8	82.5	5.1	16.6	1.5	2.3	0.2	0.9	0.1	33.0	2.75	63.2	3.5
	115.42	116.42	8362	15724	1631	4876	332	51.0	79.0	4.6	13.5	1.4	2.2	0.2	1.0	0.1	27.9	3.11	41.3	7.8
	116.42	117.42	16302	30096	3190	9879	692	104.8	158.5	9.1	27.9	3.1	4.2	0.5	2.3	0.3	62.2	6.05	84.7	3.3
	117.42	117.85	2615	5602	580	1837	136	22.6	35.2	2.5	7.1	0.7	1.5	0.1	0.8	0.1	16.5	1.09	19.3	8.3
	117.85	118.85	3800	7899	806	2531	187	31.6	54.3	4.3	11.8	1.3	1.9	0.2	1.1	0.1	26.7	1.54	37.9	8.9
	118.85	119.75	2955	6744	737	2426	193	35.3	68.2	6.7	18.8	1.7	2.6	0.2	1.4	0.2	40.6	1.32	156.5	17.2
	119.75	120.26	5876	12272	1232	3709	239	37.9	58.2	3.9	10.9	1.2	2.1	0.2	1.0	0.1	29.2	2.35	45.7	19.4
	120.26	120.67	6403	12210	1200	3639	262	42.3	67.0	4.4	10.8	1.1	2.2	0.2	1.0	0.1	22.9	2.39	37.8	24.1
	120.67	121.38	4292	8881	895	2729	187	30.6	49.0	3.5	8.6	0.9	1.6	0.1	0.7	0.1	19.1	1.71	40.1	22.5
	121.38	122.10	8186	14741	1408	4106	276	45.7	70.3	5.0	14.0	1.5	3.3	0.3	1.7	0.2	38.1	2.89	54.3	13.6
	122.10	122.64	5958	12051	1189	3523	238	42.5	69.0	5.6	17.1	2.1	3.7	0.3	1.6	0.3	54.6	2.32	66.0	3.5
	122.64	123.64	7635	15232	1498	4467	299	50.6	80.5	6.3	18.6	2.1	4.4	0.4	2.3	0.3	57.2	2.94	65.4	11.8
	123.64	124.07	4668	9152	899	2729	189	30.8	49.6	3.7	10.0	1.1	1.9	0.2	1.0	0.1	24.1	1.78	38.5	25.6
	124.07	124.60	2340	4852	500	1586	122	21.5	34.4	2.7	7.6	0.9	1.6	0.2	1.1	0.2	21.6	0.95	38.3	32.1
	124.60	125.36	5313	11314	1150	3511	233	38.1	60.1	4.3	12.3	1.3	2.7	0.2	1.6	0.2	33.0	2.17	44.8	21.2
	125.36	126.06	3120	6511	667	2100	155	25.7	42.2	3.2	9.0	0.9	1.5	0.1	0.8	0.1	20.3	1.27	42.3	26.6
	126.06	127.06	5289	11252	1154	3569	241	40.1	63.6	4.8	12.9	1.4	2.6	0.2	1.5	0.2	34.3	2.17	53.7	19.0
	127.06	127.76	4891	9975	979	2939	199	32.8	50.3	3.6	9.3	1.0	1.9	0.2	0.7	0.2	20.3	1.91	39.8	21.2
	127.76	128.76	4949	9287	904	2764	198	32.5	50.1	3.5	8.7	1.0	1.7	0.2	0.8	0.1	20.3	1.82	34.7	26.3

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 %	Th ppm	U ppm
	128.76	129.76	4105	7776	752	2309	171	30.0	50.7	4.1	12.3	1.3	2.3	0.2	1.4	0.2	30.5	1.52	50.2	20.2
	129.76	130.76	2780	5700	585	1825	136	22.5	34.9	2.2	6.0	0.7	1.3	0.1	0.7	0.1	14.0	1.11	25.9	24.2
	130.76	131.34	7060	13390	1299	3907	278	48.8	78.6	5.7	16.3	1.7	2.9	0.3	1.5	0.2	39.4	2.61	58.0	17.0
	131.34	132.34	5618	10749	1055	3196	228	37.8	61.0	4.4	12.1	1.4	2.9	0.3	1.8	0.3	36.8	2.10	41.7	19.6
	132.34	133.10	3601	7604	750	2245	147	23.9	40.6	3.2	10.0	1.3	2.7	0.3	1.7	0.2	35.6	1.45	30.9	1.1
	133.10	134.10	7635	15416	1492	4386	290	47.8	81.3	6.3	19.2	2.3	4.5	0.4	2.2	0.3	59.7	2.94	68.3	5.8
	134.10	134.85	7670	14311	1365	4059	283	47.4	77.1	5.6	15.7	1.7	3.3	0.3	1.5	0.2	43.2	2.79	64.3	14.3
	134.85	135.85	5805	11264	1098	3313	228	38.8	62.5	4.7	12.6	1.4	2.7	0.3	1.3	0.2	36.8	2.19	46.2	10.6
	135.85	136.85	4738	9152	889	2683	192	32.2	52.2	3.8	10.7	1.2	2.3	0.2	1.4	0.2	29.2	1.78	44.6	20.7
	136.85	137.85	5770	11707	1162	3523	239	39.5	63.7	5.0	16.4	2.0	4.0	0.4	2.4	0.4	53.3	2.26	57.5	20.1
	137.85	138.85	2803	5577	555	1697	121	20.4	33.0	2.4	7.2	0.8	1.6	0.2	0.9	0.1	20.3	1.08	29.1	24.6
	138.85	139.18	5829	11154	1093	3359	244	40.0	61.6	4.1	10.8	1.1	1.8	0.2	0.8	0.1	22.9	2.18	36.7	20.9
	139.18	140.18	4375	8930	884	2659	178	29.8	46.0	3.4	9.2	1.0	1.8	0.2	1.1	0.1	24.1	1.71	37.6	17.4
	140.18	141.15	3753	7862	794	2414	166	27.2	44.0	3.3	10.6	1.2	2.2	0.3	1.3	0.2	27.9	1.51	37.3	19.6
	141.15	141.83	2305	4840	505	1615	126	20.4	33.2	2.2	6.2	0.7	1.4	0.1	0.8	0.1	15.2	0.95	25.4	31.5
	141.83	142.49	2416	5012	503	1545	106	17.6	29.1	2.0	5.6	0.7	1.3	0.3	0.8	0.3	12.7	0.97	23.4	17.4
	142.49	143.15	2780	5687	569	1761	122	19.6	33.9	2.4	6.5	0.8	1.3	0.1	0.8	0.1	16.5	1.10	28.3	24.5
	143.15	143.67	5301	11965	1275	4117	311	49.7	85.2	5.5	15.4	1.6	2.4	0.2	1.3	0.2	33.0	2.32	53.9	16.8
	143.67	144.22	1595	3329	340	1038	69	11.1	19.5	1.3	4.9	0.6	1.3	0.1	0.8	0.1	14.0	0.64	19.8	24.7
	144.22	144.69	2580	5282	523	1575	101	16.0	27.0	1.9	6.0	0.6	1.1	0.1	0.7	0.1	15.2	1.01	27.9	25.9
	144.69	145.69	2744	5602	558	1697	117	18.8	31.7	2.4	8.0	0.9	1.6	0.2	1.1	0.2	22.9	1.08	28.5	20.2
	145.69	146.69	4257	8537	861	2671	195	31.2	52.0	3.4	10.0	1.2	2.3	0.2	1.5	0.2	30.5	1.67	32.7	20.5
	146.69	147.69	4504	9373	948	2928	201	31.0	50.6	3.3	9.6	1.0	1.8	0.2	1.0	0.2	24.1	1.81	32.0	19.0
	147.69	148.50	3249	6842	674	2024	129	20.2	34.5	2.6	7.8	0.9	1.7	0.2	0.8	0.1	21.6	1.30	29.4	16.8
	148.50	149.29	2234	4840	499	1540	105	17.0	28.0	2.0	6.2	0.7	1.3	0.2	0.9	0.2	17.8	0.93	26.1	19.7
	149.29	149.90	1114	2518	278	924	78	13.6	25.1	1.9	6.1	0.6	1.3	0.1	0.7	0.1	15.2	0.50	24.8	22.7
	149.90	150.68	5934	12014	1186	3546	228	35.0	57.4	3.7	10.4	1.1	2.5	0.2	1.4	0.2	27.9	2.30	37.5	23.8
	150.68	151.42	9558	20084	2012	6054	385	58.7	99.1	7.0	21.4	2.1	3.2	0.3	1.6	0.2	48.3	3.83	65.4	4.0
	151.42	151.96	2047	4299	442	1382	99	16.4	28.9	2.2	7.8	0.8	1.5	0.2	0.9	0.2	20.3	0.83	31.9	24.8
	151.96	152.31	6744	14741	1528	4712	317	49.4	82.1	5.7	17.0	1.8	3.0	0.3	1.7	0.2	41.9	2.82	52.8	6.0
	152.31	153.31	2416	5073	516	1592	111	17.8	29.3	2.0	6.3	0.7	1.4	0.1	0.8	0.1	16.5	0.98	23.6	29.1
	153.31	154.31	2393	5331	562	1779	124	19.2	32.4	2.1	6.2	0.7	1.3	0.1	0.8	0.1	15.2	1.03	25.8	20.3
	154.31	155.31	2815	6093	619	1884	127	19.2	32.6	2.2	6.5	0.7	1.1	0.1	0.7	0.1	16.5	1.16	26.9	24.7
	155.31	156.31	7541	16092	1637	5004	312	47.0	73.4	4.3	11.5	1.2	1.9	0.2	0.8	0.1	24.1	3.08	38.4	12.7
	156.31	157.31	4339	9250	951	2904	188	28.3	45.9	2.9	8.3	0.8	1.7	0.2	0.8	0.1	20.3	1.77	34.6	21.4
	157.31	158.31	6310	12714	1244	3674	230	36.2	61.4	4.6	15.2	1.9	4.0	0.5	3.1	0.5	54.6	2.44	48.4	11.8
	158.31	158.79	2093	4324	437	1306	88	14.4	23.5	1.9	6.4	0.7	1.5	0.1	1.1	0.2	19.1	0.83	25.4	27.5
	158.79	159.20	807	1873	211	715	59	10.0	17.3	1.1	3.8	0.5	1.1	0.1	0.9	0.2	12.7	0.37	20.9	38.2
	159.20	160.20	2357	4828	476	1429	95	15.5	27.9	2.1	7.7	0.9	1.9	0.2	1.1	0.2	24.1	0.93	24.1	23.2
	160.20	160.80	4433	10441	1118	3604	271	44.9	82.8	5.8	16.9	1.6	2.6	0.2	1.1	0.2	38.1	2.01	65.3	6.6
	160.80	161.12	1560	3206	321	962	67	12.7	27.6	3.5	17.0	2.2	4.4	0.5	2.5	0.4	68.6	0.63	25.9	26.4
	161.12	161.91	1560	3206	324	1012	79	14.8	28.1	2.3	8.4	1.0	2.3	0.2	1.6	0.3	27.9	0.63	25.6	25.3
	161.91	162.91	1624	3243	320	949	62	10.3	18.4	1.4	5.4	0.7	1.4	0.2	1.0	0.1	19.1	0.63	23.6	30.3
	162.91	163.91	1701	3476	342	1015	66	11.1	18.8	1.4	5.2	0.6	1.1	0.1	0.7	0.1	14.0	0.67	23.0	32.8
	163.91	164.91	3237	6854	715	2170	140	22.5	38.6	2.9	9.8	1.0	2.1	0.2	1.0	0.2	25.4	1.32	31.1	18.3

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 %	Th ppm	U ppm
	164.91	165.91	1742	3648	389	1178	78	12.5	20.8	1.5	5.1	0.6	1.1	0.1	0.7	0.1	15.2	0.71	19.8	26.6
	165.91	166.57	10379	20944	2157	6345	391	59.5	96.1	6.6	20.7	2.1	3.5	0.3	1.5	0.3	48.3	4.05	63.9	6.8
	166.57	167.10	3530	7555	796	2414	157	24.2	39.9	2.8	9.3	1.0	1.8	0.2	0.8	0.1	24.1	1.46	27.7	15.2
	167.10	167.73	2170	4950	547	1715	113	17.0	28.2	2.0	6.3	0.8	1.4	0.2	0.9	0.1	17.8	0.96	24.3	23.1
	167.73	168.73	3096	6425	679	2076	141	23.0	39.0	2.7	8.2	0.9	1.8	0.2	1.1	0.2	22.9	1.25	32.0	22.6
	168.73	169.60	12608	23647	2392	7185	475	72.0	112.8	6.3	16.8	1.7	2.9	0.2	1.3	0.2	35.6	4.66	57.5	10.6
	169.60	170.60	2932	6142	638	1948	137	22.7	41.0	3.6	12.6	1.4	2.5	0.2	1.6	0.2	34.3	1.19	46.0	20.0
	170.60	171.60	12666	25428	2561	7512	462	72.6	125.1	9.0	27.8	2.9	4.6	0.4	2.2	0.2	67.3	4.89	99.6	5.7
	171.60	172.60	2076	4263	442	1341	88	14.0	26.2	2.2	7.4	0.9	1.5	0.2	0.8	0.1	21.6	0.83	27.2	16.8
	172.60	173.60	4562	9287	968	2986	224	38.2	66.5	5.2	18.4	2.0	4.1	0.4	2.3	0.3	54.6	1.82	73.9	12.4
	173.60	174.18	7529	15539	1643	5155	412	70.1	118.1	7.3	20.4	2.1	3.1	0.2	1.4	0.2	44.5	3.05	65.0	1.3
	174.18	175.18	5008	10540	1113	3441	255	42.6	74.1	5.2	16.2	1.7	2.9	0.2	1.0	0.2	40.6	2.05	60.0	12.3
	175.18	176.18	1489	3108	333	1015	69	11.1	19.0	1.4	5.3	0.6	1.4	0.1	0.9	0.1	16.5	0.61	19.1	26.3
	176.18	176.71	9547	19716	2078	6485	511	86.3	145.8	9.4	27.2	2.7	4.4	0.4	1.7	0.3	63.5	3.87	95.9	6.8
	176.71	177.26	3612	7641	818	2578	202	34.6	61.8	4.7	16.0	1.8	3.4	0.4	2.3	0.3	49.5	1.50	90.0	3.9
	177.26	177.76	8022	15355	1547	4631	319	53.3	96.4	7.4	23.0	2.3	3.5	0.3	1.5	0.2	54.6	3.01	110.5	2.3
	177.76	178.35	8761	16276	1589	4572	290	47.0	80.7	5.5	18.1	1.9	3.2	0.3	1.4	0.2	44.5	3.17	64.6	4.4
	178.35	179.35	2932	5921	614	1872	132	21.5	37.9	2.8	9.2	0.9	1.8	0.2	0.9	0.1	22.9	1.16	39.0	17.4
	179.35	180.35	5301	10527	1070	3173	200	30.7	51.5	3.8	11.4	1.3	2.2	0.2	1.1	0.2	30.5	2.04	39.1	6.7
	180.35	181.35	2662	5589	584	1779	116	18.1	29.6	1.9	6.7	0.8	1.5	0.1	0.8	0.1	17.8	1.08	22.5	14.4
	181.35	182.35	3038	6314	655	1983	132	21.5	34.1	2.2	6.7	0.8	1.4	0.2	0.8	0.1	19.1	1.22	23.7	10.8
	182.35	183.35	2885	5921	605	1790	115	17.8	30.3	2.0	6.1	0.6	1.4	0.1	0.6	0.1	15.2	1.14	22.1	18.7
	183.35	184.35	3342	6965	721	2158	134	20.7	33.3	2.2	6.9	0.7	1.1	0.1	0.6	0.1	16.5	1.34	28.0	15.2
	184.35	185.35	3401	6830	700	2076	133	21.5	35.5	2.5	8.4	0.9	1.5	0.1	0.6	0.1	20.3	1.32	32.9	15.7
	185.35	186.35	5407	11264	1171	3523	219	33.6	53.0	3.3	10.4	1.1	2.1	0.2	1.1	0.2	26.7	2.17	36.4	12.6
	186.35	187.35	3542	7198	736	2187	139	22.7	40.1	3.2	10.1	1.1	1.8	0.2	0.8	0.1	26.7	1.39	41.2	14.6
	187.35	188.35	4633	8808	860	2484	165	27.3	51.1	4.3	15.5	1.7	3.0	0.3	1.6	0.2	40.6	1.71	66.1	18.3
	188.35	189.35	3354	6535	649	1901	118	18.1	31.7	2.3	7.5	0.8	1.4	0.2	0.8	0.1	19.1	1.26	31.4	18.4
	189.35	190.35	5770	10306	964	2974	173	29.5	52.0	5.0	17.5	1.9	3.1	0.3	1.3	0.2	45.7	2.03	58.0	18.3
	190.35	190.71	3272	5466	480	1400	81	15.3	31.1	3.1	11.8	1.4	2.4	0.2	0.8	0.1	30.5	1.08	48.0	34.7
	190.71	191.44	1982	3943	362	1135	77	14.2	28.0	2.6	9.2	1.1	2.3	0.3	1.1	0.2	27.9	0.76	35.2	20.5
	191.44	192.44	4820	8857	848	2718	170	30.2	52.8	4.2	13.2	1.3	2.3	0.2	1.1	0.2	33.0	1.76	49.1	17.0
	192.44	192.95	6040	11486	1132	3616	214	35.2	61.7	5.0	16.3	2.0	4.0	0.3	1.6	0.3	50.8	2.27	34.2	1.5
	192.95	193.95	7166	12198	1107	3359	192	34.2	61.2	5.2	16.2	1.8	3.0	0.3	1.3	0.2	44.5	2.42	51.2	5.1
	193.95	194.95	6134	10859	1011	3184	198	34.7	59.0	4.8	14.2	1.5	2.4	0.2	1.4	0.2	35.6	2.15	54.8	7.3
	194.95	195.95	8479	15662	1492	4701	266	44.5	74.1	5.5	16.3	2.0	3.3	0.3	1.6	0.2	47.0	3.08	42.0	8.0
	195.95	196.95	2826	5479	541	1814	117	19.8	31.6	2.0	6.0	0.6	1.4	0.2	0.8	0.1	15.2	1.09	14.2	13.5
	196.95	197.95	4539	8316	793	2496	152	25.5	41.3	3.1	10.2	1.2	2.1	0.2	1.1	0.2	30.5	1.64	24.4	3.7
	197.95	198.95	3471	6093	561	1726	104	17.7	30.9	2.7	8.5	1.0	2.1	0.2	1.1	0.2	25.4	1.20	27.9	11.9
	198.95	199.31	13898	23340	2205	6310	355	60.3	106.6	8.3	27.2	2.9	4.8	0.5	2.2	0.3	71.1	4.64	86.4	6.9
	199.31	200.31	8843	15785	1456	4432	242	42.0	76.0	6.4	20.5	2.3	4.2	0.4	2.1	0.2	58.4	3.10	67.0	2.0
	200.31	201.31	10016	17566	1625	4911	282	49.3	85.1	6.8	20.4	2.3	3.9	0.4	1.6	0.3	54.6	3.46	90.9	1.6
	201.31	202.31	7142	12591	1147	3569	204	33.4	55.6	3.9	11.4	1.3	2.4	0.2	1.1	0.2	31.8	2.48	45.2	2.1
	202.31	203.30	8092	14127	1341	4246	249	41.2	68.4	5.0	16.5	2.0	4.4	0.6	3.5	0.6	59.7	2.83	41.8	8.7
	203.30	204.30	14367	25919	2622	7745	465	74.3	114.9	6.8	17.7	1.7	3.0	0.2	1.1	0.2	39.4	5.14	46.8	5.9

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 %	Th ppm	U ppm
	204.30	205.30	7529	14065	1365	4362	263	42.0	65.1	3.9	10.0	1.3	2.1	0.2	1.0	0.1	26.7	2.77	26.7	13.7
	205.30	205.98	8456	15109	1456	4526	269	46.8	72.3	4.6	11.1	1.2	1.7	0.1	0.7	0.1	22.9	3.00	31.4	7.4
	205.98	206.73	4668	8537	822	2601	146	24.7	38.3	2.4	7.4	0.9	1.8	0.2	0.8	0.1	20.3	1.69	23.4	29.3
	206.73	207.73	4351	7727	727	2280	137	24.6	39.1	2.9	8.5	1.0	1.9	0.2	1.0	0.1	24.1	1.53	24.1	18.2
	207.73	208.53	4363	7985	770	2438	147	25.2	40.0	2.5	7.2	0.9	1.6	0.2	0.8	0.1	19.1	1.58	30.0	22.9
	208.53	209.00	5524	10110	963	2986	170	27.8	43.2	2.9	9.3	1.1	1.8	0.2	0.8	0.1	24.1	1.99	29.5	17.5
	209.00	210.00	4832	9078	883	2799	164	27.2	43.5	2.8	9.0	1.0	1.9	0.2	0.8	0.1	22.9	1.79	36.1	17.0
	210.00	211.00	5465	10011	959	2986	180	30.0	51.5	3.7	9.5	1.2	2.2	0.2	0.8	0.1	22.9	1.97	32.5	9.1
	211.00	212.00	3284	6117	591	1872	118	19.8	32.6	2.1	7.4	0.8	1.7	0.2	0.8	0.1	17.8	1.21	19.2	11.3
	212.00	213.00	7471	13942	1359	4234	241	39.8	65.2	4.0	10.6	1.1	2.3	0.2	0.8	0.2	24.1	2.74	29.1	10.2
	213.00	214.00	5864	10834	1052	3278	184	31.0	46.7	3.0	8.6	0.9	1.6	0.2	0.8	0.1	20.3	2.13	32.8	14.1
	214.00	215.00	10895	18917	1836	5109	278	45.6	73.4	4.7	11.4	1.3	2.5	0.3	1.3	0.1	30.5	3.72	47.1	8.7
	215.00	216.00	12725	23094	2259	6310	337	55.6	90.6	5.7	15.2	1.6	2.9	0.3	1.4	0.2	34.3	4.49	52.5	7.7
	216.00	217.00	6755	12530	1177	3593	211	35.2	54.8	3.6	9.8	1.1	1.8	0.2	0.9	0.1	22.9	2.44	40.4	11.5
	217.00	217.98	3319	6253	578	1796	107	18.6	30.2	2.2	7.2	0.8	1.7	0.1	0.7	0.1	20.3	1.21	34.9	12.6
	217.98	218.70	4011	7420	690	2111	128	20.5	32.3	2.2	6.0	0.7	1.3	0.1	0.7	0.1	14.0	1.44	34.3	14.5
	218.70	219.18	8421	16522	1547	4771	268	42.5	66.5	4.2	11.7	1.2	2.3	0.2	1.3	0.1	27.9	3.17	33.0	3.8
	219.18	220.18	7506	14188	1329	4059	237	40.5	64.1	4.2	13.2	1.4	2.9	0.3	1.5	0.2	34.3	2.75	30.8	1.8
	220.18	221.18	5817	11129	1025	3126	186	29.1	45.1	3.0	8.8	0.9	1.7	0.2	0.8	0.2	22.9	2.14	24.7	4.2
	221.18	222.18	4339	8501	818	2578	159	26.3	39.4	2.4	7.0	0.7	1.6	0.2	0.8	0.1	15.2	1.65	27.6	11.5
	222.18	223.18	2780	5675	553	1843	117	19.6	29.6	2.1	6.8	0.7	1.5	0.1	0.7	0.1	17.8	1.10	28.1	9.6
	223.18	224.18	3507	7088	700	2257	148	24.3	36.8	2.2	6.8	0.7	1.3	0.1	0.8	0.1	15.2	1.38	31.9	10.5
	224.18	225.18	4984	10343	1049	3441	235	40.0	66.4	4.7	13.8	1.3	2.3	0.2	0.9	0.1	25.4	2.02	46.0	4.2
	225.18	226.18	8432	15724	1444	4362	249	39.4	64.6	5.1	16.0	1.6	2.5	0.2	0.9	0.2	36.8	3.04	49.5	1.4
	226.18	227.18	9335	18610	1873	5610	330	55.6	85.1	5.6	16.2	1.6	2.5	0.2	1.0	0.1	33.0	3.60	64.5	5.6
	227.18	228.18	5149	9913	912	2811	170	27.9	43.6	3.0	8.5	0.9	1.5	0.2	0.9	0.2	20.3	1.91	45.8	20.3
	228.18	229.18	2897	5614	520	1604	96	16.6	27.6	1.8	6.0	0.6	1.5	0.2	0.7	0.1	14.0	1.08	44.6	22.1
	229.18	230.18	2674	5270	495	1563	94	17.6	27.2	1.9	6.2	0.7	1.5	0.2	1.1	0.1	17.8	1.02	23.2	9.0
	230.18	231.18	3096	5884	540	1662	101	17.8	29.5	2.2	7.0	0.8	1.7	0.2	0.9	0.1	19.1	1.14	21.7	7.5
	231.18	232.18	5325	10515	1022	3219	186	30.2	47.3	3.0	8.0	0.9	1.4	0.1	0.5	0.1	16.5	2.04	24.8	3.7
	232.18	233.18	4269	8390	801	2484	143	22.7	38.2	2.5	6.8	0.7	1.5	0.1	0.7	0.1	16.5	1.62	19.6	5.9
	233.18	233.60	4058	7370	666	1948	113	19.7	31.4	2.2	7.6	0.9	1.9	0.2	1.0	0.1	20.3	1.42	17.8	3.4
	233.60	234.30	5723	10798	1014	3138	194	32.1	50.7	4.1	14.2	1.5	2.2	0.2	1.0	0.1	34.3	2.10	40.2	11.4
	234.30	234.80	5829	10552	952	2881	166	27.6	43.1	2.9	8.7	0.9	1.7	0.2	0.9	0.1	22.9	2.05	46.1	27.1
	234.80	235.80	7013	11879	1028	2916	162	27.3	45.3	3.3	8.8	0.9	1.6	0.2	0.6	0.1	20.3	2.31	41.1	12.6
	235.80	236.80	10473	16891	1426	4059	224	38.7	65.9	5.2	16.3	1.8	2.9	0.3	1.1	0.1	41.9	3.32	40.3	1.9
	236.80	237.80	11435	18180	1504	4117	219	39.4	66.5	5.0	14.5	1.4	2.4	0.2	1.0	0.1	34.3	3.56	37.4	1.5
	237.80	238.80	9206	15416	1317	3861	220	37.5	61.1	4.3	13.8	1.3	2.4	0.2	0.9	0.1	30.5	3.02	41.2	8.0
	238.80	239.74	3342	6474	609	1901	118	20.3	31.2	2.1	6.3	0.7	1.3	0.1	0.6	0.1	16.5	1.25	39.3	20.8
	239.74	240.33	12666	20637	1867	4934	269	46.6	74.3	5.3	14.7	1.4	2.6	0.2	0.9	0.2	34.3	4.06	46.9	8.6
	240.33	241.10	17240	27270	2441	6392	337	53.8	87.6	6.0	15.4	1.4	2.6	0.2	0.8	0.1	31.8	5.39	48.9	3.7
	241.10	242.03	9676	17750	1655	4911	273	41.1	63.6	4.1	11.3	1.2	2.3	0.2	0.9	0.1	25.4	3.44	36.9	3.5
	242.03	243.02	5454	10110	939	2869	174	30.9	49.6	3.6	10.9	1.2	2.3	0.2	1.0	0.2	27.9	1.97	34.3	11.0
	243.02	244.02	4515	9201	907	2729	172	26.6	40.9	2.5	7.2	0.8	1.3	0.1	0.8	0.1	16.5	1.76	25.5	16.0
	244.02	245.02	2944	5859	570	1703	109	18.8	28.9	1.9	5.6	0.6	1.4	0.2	0.9	0.2	15.2	1.13	22.3	23.7

Hole ID	From m	To m	La_2O_3 ppm	CeO_2 ppm	Pr_2O_3 ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO %	Th ppm	U ppm
	245.02	245.50	4128	8980	907	2776	180	28.3	46.5	3.0	9.0	1.0	1.7	0.2	0.9	0.1	21.6	1.71	34.8	15.4
	245.50	246.50	1654	3476	354	1120	76	12.5	19.5	1.3	3.9	0.5	0.9	0.1	0.6	0.1	11.4	0.67	21.5	25.4
	246.50	247.50	2193	4680	478	1493	99	15.9	25.5	1.7	4.9	0.6	1.1	0.1	0.8	0.1	12.7	0.90	19.2	17.1
	247.50	248.50	1882	3943	410	1277	85	13.6	22.6	1.8	5.4	0.7	1.3	0.1	0.8	0.1	15.2	0.77	22.9	22.0
	248.50	249.50	5887	12284	1238	3767	229	35.4	53.7	3.3	8.8	0.9	1.7	0.2	0.8	0.1	19.1	2.35	27.8	14.2
	249.50	250.50	12549	26411	2646	8083	491	73.1	107.9	5.9	13.8	1.4	1.9	0.2	0.7	0.1	25.4	5.04	39.3	2.3
	250.50	251.50	8843	18610	1855	5669	358	55.6	84.0	4.9	12.4	1.2	1.8	0.2	0.9	0.1	24.1	3.55	39.2	2.9
	251.50	252.50	8292	17443	1770	5424	329	49.3	75.3	4.4	11.5	1.2	2.2	0.2	0.9	0.1	25.4	3.34	28.1	2.5
	252.50	253.30	12138	25182	2537	7663	451	67.9	100.2	5.4	13.4	1.4	2.2	0.2	0.8	0.1	25.4	4.82	37.1	2.7
	253.30	254.30	9723	19716	1957	5867	361	55.1	83.9	5.1	12.6	1.3	2.1	0.2	1.0	0.1	24.1	3.78	40.3	3.3
	254.30	255.30	8292	17013	1685	5074	315	48.5	75.2	4.4	10.9	1.2	1.9	0.2	0.9	0.2	22.9	3.25	33.4	3.9
	255.30	256.30	8761	17873	1758	5284	317	47.7	71.4	4.0	10.2	1.1	1.7	0.2	0.7	0.1	21.6	3.42	33.0	4.9
	256.30	256.78	4398	9115	905	2741	172	26.9	41.6	2.6	6.7	0.7	1.3	0.1	0.7	0.1	15.2	1.74	21.3	8.3
	256.78	257.78	8128	16583	1655	5062	312	48.4	72.3	4.1	10.8	1.1	1.9	0.2	0.9	0.1	21.6	3.19	31.1	5.2
	257.78	258.78	7482	15478	1553	4677	290	44.7	70.4	4.2	11.4	1.2	1.6	0.2	0.8	0.1	24.1	2.96	34.7	2.3
	258.78	259.78	5395	10859	1045	3091	188	29.6	45.9	3.0	8.2	1.0	1.6	0.2	0.9	0.1	20.3	2.07	21.8	1.2
	259.78	260.45	10285	20514	1969	5820	351	55.4	88.4	5.8	16.3	1.6	3.0	0.3	1.5	0.2	35.6	3.91	43.2	1.2
	260.45	261.02	13956	26656	2477	7150	422	64.7	105.4	6.1	16.5	1.7	2.7	0.3	1.1	0.2	35.6	5.09	48.2	1.0
	261.02	261.60	13898	26779	2549	7418	448	71.1	111.9	6.7	17.1	1.8	3.0	0.3	1.3	0.2	35.6	5.13	50.0	0.8
	261.60	262.10	10368	18979	1746	4981	307	50.1	80.6	5.1	14.4	1.6	2.5	0.3	1.3	0.2	34.3	3.66	37.0	0.9
	262.10	263.10	17357	33044	3093	8771	495	77.9	123.3	7.4	19.3	2.1	3.1	0.3	1.1	0.2	38.1	6.30	71.5	0.8
	263.10	264.10	17182	33658	3226	9355	558	88.9	140.6	8.2	21.8	2.2	3.2	0.3	1.4	0.2	41.9	6.43	84.2	0.6
	264.10	265.10	11599	21866	2030	5820	336	53.7	84.7	5.2	13.1	1.4	2.2	0.2	0.9	0.1	26.7	4.18	44.0	0.9
	265.10	266.10	4339	9201	921	2799	181	28.1	45.5	2.8	8.7	1.1	2.1	0.2	1.3	0.2	22.9	1.76	19.0	2.0
	266.10	266.78	5676	12591	1305	4164	300	48.6	78.4	4.4	11.5	1.2	1.8	0.2	0.9	0.2	22.9	2.42	43.3	7.5
	266.78	267.68	4210	8844	882	2671	168	26.9	42.8	2.7	7.7	0.9	1.6	0.2	1.0	0.2	19.1	1.69	21.9	7.4
	267.68	268.20	12784	24507	2320	6648	382	57.6	89.3	5.4	14.7	1.6	2.4	0.2	1.1	0.2	33.0	4.68	46.4	1.5
	268.20	268.83	11963	22787	2120	6030	346	53.7	85.0	5.1	14.5	1.5	2.3	0.2	1.1	0.2	29.2	4.34	43.1	2.2
	268.83	269.83	7740	15294	1571	4316	276	44.0	66.2	5.0	12.9	1.4	2.3	0.2	1.0	0.1	26.7	2.94	38.4	5.0
	269.83	270.83	3120	6425	654	2000	144	22.7	34.7	2.6	7.4	0.8	1.6	0.2	0.9	0.1	17.8	1.24	28.2	11.8
	270.83	273.81	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
KGKRCDD002	250.00	251.26	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Core Tail Only	251.26	252.26	3084	6130	611	1989	143	22.9	41.2	2.7	7.8	1.0	1.7	0.2	1.0	0.1	20.3	1.21	25.9	15.3
	252.26	253.26	2756	5884	613	2123	179	33.2	64.2	5.0	16.5	2.0	4.0	0.4	2.1	0.2	47.0	1.17	29.4	13.2
	253.26	254.26	5172	10319	1027	3324	227	36.5	63.9	4.3	11.9	1.2	2.3	0.2	1.0	0.1	25.4	2.02	29.0	11.0
	254.26	254.72	7318	14311	1438	4281	271	42.4	72.4	5.0	12.4	1.5	2.6	0.3	1.5	0.2	30.5	2.78	31.4	7.0
	254.72	255.71	4222	8193	806	2659	190	31.6	48.3	3.2	8.4	0.9	1.5	0.2	0.9	0.1	16.5	1.62	24.3	11.4
	255.71	256.51	3002	6167	623	2094	149	23.6	37.0	2.6	7.2	0.8	1.5	0.2	0.9	0.2	16.5	1.21	20.4	10.2
	256.51	257.51	4304	8476	825	2648	172	27.3	44.0	3.1	9.0	0.9	1.6	0.2	0.9	0.2	21.6	1.65	26.7	9.2
	257.51	258.00	4597	9053	889	2869	186	29.5	46.0	3.2	8.7	0.9	1.7	0.2	1.0	0.2	20.3	1.77	30.3	9.4
	258.00	259.00	5266	10319	1023	3278	213	32.9	51.1	3.3	10.0	1.0	1.8	0.2	1.1	0.1	20.3	2.02	26.6	6.8
	259.00	260.00	8526	16645	1710	5144	326	49.3	79.1	5.2	13.3	1.3	2.4	0.2	1.3	0.2	26.7	3.25	44.8	19.7
	260.00	261.00	4597	8857	855	2729	175	26.9	43.2	2.9	8.4	1.0	1.7	0.2	0.9	0.1	20.3	1.73	19.0	9.9
	261.00	261.38	2885	5626	555	1796	119	18.5	28.9	2.1	6.1	0.7	1.0	0.1	0.7	0.1	14.0	1.11	19.1	12.0
	261.38	262.38	1302	2678	260	848	59	10.1	18.4	1.7	6.3	0.9	2.2	0.2	1.6	0.2	21.6	0.52	20.2	9.5

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 %	Th ppm	U ppm
	262.38	263.00	148	290	30	103	13	3.4	8.8	1.3	7.4	1.2	3.1	0.3	2.4	0.4	33.0	0.06	20.4	5.4
	263.00	263.63	120	235	24	86	11	2.9	7.4	1.1	6.0	1.1	2.9	0.3	2.6	0.4	30.5	0.05	19.6	5.7
	263.63	264.63	4351	8746	880	2893	199	31.8	50.3	3.4	9.5	1.0	1.8	0.2	1.1	0.1	21.6	1.72	33.4	13.7
	264.63	265.63	6157	12247	1275	4036	281	46.7	76.1	5.3	14.9	1.6	2.5	0.2	1.1	0.1	30.5	2.42	47.1	14.4
	265.63	266.63	3636	7641	805	2764	214	36.6	58.3	3.9	10.6	1.0	1.6	0.2	0.8	0.1	19.1	1.52	45.8	28.7
	266.63	267.63	6662	13574	1438	4584	339	56.6	94.2	6.2	16.5	1.7	2.3	0.2	1.1	0.1	31.8	2.68	60.7	8.8
	267.63	268.63	6439	13082	1383	4409	298	47.4	75.0	5.1	13.5	1.3	2.2	0.2	1.1	0.1	27.9	2.58	44.7	8.4
	268.63	269.52	4269	8685	876	2893	191	30.8	49.8	3.4	10.0	1.0	1.8	0.2	1.0	0.1	21.6	1.70	28.6	10.4
	269.52	270.25	4621	9324	939	3091	204	31.6	51.5	3.4	9.5	1.0	1.6	0.2	1.0	0.1	20.3	1.83	31.5	10.6
	270.25	271.25	4949	9925	990	3196	210	33.8	52.9	3.6	9.9	1.0	1.6	0.1	0.8	0.1	21.6	1.94	29.2	6.4
	271.25	272.25	6920	13574	1395	4234	264	41.8	64.8	4.3	11.4	1.2	1.8	0.2	0.9	0.1	21.6	2.65	35.9	4.3
	272.25	273.10	8714	17136	1728	5249	328	51.6	80.6	5.3	13.7	1.3	2.1	0.2	0.9	0.1	25.4	3.33	52.1	2.1
	273.10	273.82	8960	17812	1830	5657	350	53.7	83.3	5.3	14.7	1.4	2.2	0.2	1.1	0.2	27.9	3.48	47.8	5.0
	273.82	274.82	8538	16215	1613	4712	273	41.2	62.1	3.7	9.3	0.9	1.3	0.1	0.6	0.1	16.5	3.15	32.9	0.8
	274.82	275.82	9781	19224	1933	5984	334	49.7	74.7	4.5	11.0	1.0	1.6	0.1	0.8	0.1	20.3	3.74	38.4	0.6
	275.82	276.77	5090	9987	947	2939	169	25.4	38.5	2.5	6.4	0.6	1.0	0.1	0.5	0.1	11.4	1.92	17.8	0.5
	276.77	277.20	4891	9532	923	2939	188	29.3	46.8	3.4	10.4	1.4	3.1	0.4	2.9	0.4	30.5	1.86	20.7	2.7
	277.20	277.69	6415	11854	1164	3499	224	34.2	52.0	3.3	8.6	0.9	1.5	0.1	0.8	0.1	17.8	2.33	27.3	5.6
	277.69	278.51	10321	20514	2084	6567	406	62.9	97.5	6.0	15.4	1.4	2.4	0.2	1.0	0.2	27.9	4.01	56.4	2.6
	278.51	279.33	6239	12591	1293	3942	247	38.0	59.4	3.9	10.6	1.2	1.9	0.2	1.3	0.2	22.9	2.45	30.1	1.8
	279.33	280.33	8468	17259	1843	5412	357	55.4	95.2	6.3	17.8	1.7	2.9	0.1	1.0	-0.1	35.6	3.36	65.7	1.5
	280.33	281.33	14074	27762	2948	9086	539	80.9	128.5	7.5	20.4	1.8	2.6	0.1	0.7	-0.1	35.6	5.47	72.9	1.5
	281.33	282.33	7682	14986	1504	4572	295	45.6	75.2	5.0	14.2	1.5	3.0	0.2	1.3	0.2	34.3	2.92	39.2	2.7
	282.33	283.33	2756	5577	570	1820	132	23.0	45.0	3.8	14.6	1.7	3.8	0.2	1.9	0.1	45.7	1.10	26.8	6.2
	283.33	284.33	4562	9152	947	2998	203	33.1	59.0	4.3	14.6	1.8	3.3	0.2	1.8	0.1	43.2	1.80	33.9	3.2
	284.33	285.33	8327	15662	1595	4771	328	52.6	92.0	6.6	19.2	1.9	3.4	0.2	1.4	0.1	43.2	3.09	69.3	5.0
	285.33	285.82	2463	4901	482	1528	102	15.5	26.7	1.7	5.6	0.5	1.3	-0.1	0.7	-0.1	15.2	0.95	25.8	20.6
	285.82	286.82	43863	82303	7612	22628	1258	197.4	327.3	21.2	55.3	5.1	7.4	0.4	1.7	0.1	101.6	15.84	200.0	3.4
	286.82	287.05	22635	43240	4410	13355	768	118.1	196.5	12.4	32.3	3.0	4.1	0.2	1.0	0.1	58.4	8.48	116.5	2.1
	287.05	288.05	3143	6203	610	1872	115	19.0	34.1	2.4	7.9	0.7	1.6	-0.1	0.7	-0.1	19.1	1.20	26.6	24.6
	288.05	289.05	5770	11240	1118	3418	223	34.2	57.5	3.7	10.6	1.0	1.9	-0.1	0.6	-0.1	22.9	2.19	31.1	20.2
	289.05	290.05	2281	4742	495	1610	114	17.8	31.4	2.1	7.2	0.8	1.7	0.1	0.8	-0.1	19.1	0.93	23.7	30.2
	290.05	291.05	3683	7776	826	2718	209	35.0	65.7	4.7	15.6	1.8	3.7	0.3	1.7	0.1	44.5	1.54	31.6	12.3
	291.05	292.05	7799	15662	1698	5121	358	55.2	94.1	5.7	16.5	1.5	2.5	0.2	0.9	0.1	34.3	3.08	49.8	11.6
	292.05	293.05	4187	8636	855	2613	169	25.7	39.4	2.5	7.1	0.9	1.8	0.2	1.3	0.2	21.6	1.66	27.7	20.2
	293.05	294.05	3905	8071	841	2636	169	25.1	40.9	2.6	7.6	0.8	1.7	0.1	0.7	-0.1	19.1	1.57	35.5	22.1
	294.05	295.05	2850	5565	561	1750	118	18.1	29.6	1.8	5.7	0.5	1.4	-0.1	0.6	-0.1	15.2	1.09	36.6	26.2
	295.05	296.05	2416	4938	518	1674	114	17.1	29.2	2.0	6.4	0.6	1.4	0.1	0.8	-0.1	17.8	0.97	31.7	21.8
	296.05	297.05	2070	4164	417	1347	107	17.5	34.0	2.6	8.5	1.0	2.2	0.1	1.4	0.1	26.7	0.82	24.4	7.7
	297.05	298.05	5325	10196	1017	3114	205	32.1	56.0	3.7	10.4	1.1	1.9	0.1	1.0	0.1	25.4	2.00	31.7	12.6
	298.05	299.05	3307	6547	668	2117	136	20.2	32.0	2.1	6.7	0.7	1.3	-0.1	0.5	-0.1	14.0	1.29	26.1	22.5
	299.05	299.93	5852	11486	1154	3569	233	35.2	59.1	3.6	9.9	1.0	1.9	0.1	0.8	-0.1	22.9	2.24	29.8	12.3
	299.93	300.93	5958	11719	1192	3732	245	36.7	59.4	3.7	11.4	1.2	2.1	0.1	0.9	0.1	26.7	2.30	39.0	17.3
	300.93	301.93	5747	11006	1092	3406	223	32.1	52.6	3.3	8.8	0.7	1.5	-0.1	0.5	-0.1	17.8	2.16	27.2	24.2
	301.93	302.93	3823	7616	778	2449	166	24.6	40.7	2.3	6.7	0.6	1.3	-0.1	0.5	-0.1	14.0	1.49	25.7	25.8

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 %	Th ppm	U ppm
	302.93	303.93	2991	5982	610	1965	129	18.4	31.1	1.9	5.4	0.4	0.9	-0.1	0.3	-0.1	12.7	1.17	16.6	21.8
	303.93	304.93	2000	3992	400	1248	86	12.7	21.6	1.2	3.8	0.3	0.9	-0.1	0.3	-0.1	8.9	0.78	10.8	12.4
	304.93	305.93	16478	27270	2634	7325	460	70.5	117.0	7.4	17.9	1.6	2.6	0.1	0.6	-0.1	30.5	5.44	62.5	17.4
	305.93	306.93	8690	15109	1402	4036	245	37.2	63.7	4.0	11.9	1.1	2.1	-0.1	0.7	-0.1	25.4	2.96	34.9	9.7
	306.93	307.93	7224	13574	1317	3907	234	34.9	59.9	3.7	9.6	1.0	1.5	-0.1	0.7	-0.1	21.6	2.64	33.2	12.8
	307.93	308.93	4609	9115	887	2613	157	24.3	40.6	2.4	7.0	0.8	1.4	0.2	0.9	0.1	19.1	1.75	23.7	17.2
	308.93	309.93	5841	10785	1019	2963	176	27.9	45.9	2.7	7.6	0.9	1.4	0.1	0.9	0.1	19.1	2.09	32.2	18.0
	309.93	310.93	4081	7542	709	2053	121	19.1	32.9	2.1	5.6	0.6	1.0	0.1	0.7	0.1	15.2	1.46	21.4	12.7
	310.93	311.93	8843	17873	1794	5190	291	44.1	69.6	3.8	9.9	1.1	1.6	0.1	0.8	0.1	22.9	3.41	44.5	15.4
	311.93	312.93	5266	9385	880	2543	154	24.0	40.6	2.5	6.7	0.7	1.4	0.1	0.8	0.1	16.5	1.83	19.4	14.1
	312.93	313.93	8116	15232	1492	4269	260	41.1	67.7	4.1	10.0	1.1	1.7	0.2	0.8	0.1	22.9	2.95	28.5	11.3
	313.93	314.93	4281	8365	822	2449	149	23.0	36.8	2.1	6.3	0.8	1.3	0.2	0.8	0.1	19.1	1.62	20.1	13.1
	314.93	315.93	6556	12468	1202	3406	205	31.8	53.9	3.4	9.8	1.1	1.9	0.2	1.1	0.1	25.4	2.40	24.2	4.2
	315.93	316.93	5571	10957	1074	3149	186	29.3	47.6	3.0	9.2	1.2	1.7	0.2	1.0	0.2	24.1	2.11	23.1	8.5
	316.93	317.93	7905	14925	1444	4094	254	41.3	70.1	4.5	12.7	1.4	2.2	0.2	1.0	0.1	30.5	2.88	35.6	7.7
	317.93	318.93	7518	15109	1492	4234	261	41.3	64.4	4.0	10.9	1.1	1.8	0.2	0.8	0.1	22.9	2.88	38.9	16.6
	318.93	319.93	3225	6572	658	1965	114	18.0	29.4	2.0	5.6	0.8	1.4	0.1	1.0	0.1	17.8	1.26	13.1	13.8
	319.93	320.93	3917	8218	823	2496	149	22.7	35.2	2.3	6.3	0.7	1.1	0.2	0.7	0.1	16.5	1.57	18.5	16.8
	320.93	321.93	2228	4754	492	1540	99	15.4	25.4	1.5	4.5	0.6	0.9	0.1	0.7	0.1	12.7	0.92	15.0	21.0
	321.93	322.93	2522	5012	492	1464	93	14.5	24.0	1.4	4.4	0.6	1.0	0.1	0.7	0.1	14.0	0.96	16.4	25.9
	322.93	323.21	2697	5663	569	1732	111	17.0	29.1	1.8	4.8	0.6	1.0	0.1	0.6	0.1	12.7	1.08	21.8	32.2
KGKRCDD003	184.00	186.91	4070	7899	764	2257	150	24.1	38.7	3.2	9.5	1.1	1.8	0.2	1.1	0.1	24.1	1.52	28.8	11.0
Core Tail Only	186.91	187.91	3929	7444	735	2228	174	29.1	46.8	4.0	12.6	1.4	2.5	0.2	1.4	0.2	29.2	1.46	59.4	9.8
	187.91	188.91	3354	6916	713	2164	155	24.8	38.6	2.7	7.7	0.8	1.7	0.1	0.9	0.1	17.8	1.34	21.3	9.4
	188.91	189.52	4762	9287	910	2683	184	28.6	44.1	3.2	9.3	1.1	1.8	0.2	1.0	0.2	22.9	1.79	32.1	13.0
	189.52	190.52	5430	11301	1220	3499	248	40.1	61.9	4.7	12.6	1.2	2.3	0.2	1.5	0.2	27.9	2.19	63.2	7.7
	190.52	191.52	2932	6277	651	2024	148	23.9	36.1	2.6	7.6	0.8	1.7	0.2	0.8	0.1	17.8	1.21	23.0	19.4
	191.52	192.12	3272	6719	696	2117	150	22.7	35.0	2.4	7.0	0.8	1.5	0.1	0.9	0.1	15.2	1.30	23.2	10.2
	192.12	192.56	10567	18795	1806	4782	317	51.5	83.3	6.3	16.9	1.6	2.4	0.2	0.8	0.1	31.8	3.65	77.6	3.4
	192.56	193.53	12021	20883	1987	5260	351	58.6	94.9	7.7	23.4	2.4	3.8	0.3	1.7	0.2	50.8	4.07	76.9	2.1
	193.53	193.91	18296	36115	3673	11617	964	174.8	283.5	19.8	52.3	4.7	7.3	0.5	2.2	0.3	99.1	7.13	199.0	3.3
	193.91	194.91	10309	20146	2108	6112	455	80.5	127.9	9.9	25.8	2.4	3.4	0.2	1.0	0.1	41.9	3.94	97.4	1.4
	194.91	195.91	2744	5786	611	1901	137	22.4	33.9	2.6	7.1	0.7	1.5	0.1	0.9	0.2	16.5	1.13	22.2	12.4
	195.91	196.19	2334	5098	530	1662	116	18.1	27.7	1.8	5.4	0.6	1.4	0.1	0.8	0.1	12.7	0.98	12.9	4.9
	196.19	197.19	2264	4963	522	1639	132	22.8	38.7	3.5	12.9	1.7	3.9	0.4	2.5	0.3	45.7	0.97	22.2	9.5
	197.19	198.00	2416	5208	546	1855	150	30.7	65.9	6.2	24.5	3.9	8.0	1.0	5.8	0.8	97.8	1.04	41.2	6.5
	198.00	198.30	3776	8243	881	2974	245	50.5	103.3	8.8	33.6	4.8	10.5	1.2	6.4	0.7	120.6	1.65	86.9	11.8
	198.30	198.91	5571	11473	1192	3907	260	42.7	69.3	4.4	11.8	1.4	2.3	0.2	1.4	0.2	26.7	2.26	29.6	7.6
	198.91	199.22	3026	6486	691	2344	170	27.6	46.0	2.7	7.4	0.8	1.4	0.1	0.8	0.2	16.5	1.28	21.3	11.8
	199.22	200.22	3038	6474	656	2146	146	24.7	40.1	2.3	6.2	0.7	1.3	0.2	0.7	0.1	15.2	1.26	19.0	7.5
	200.22	201.22	2404	5258	551	1720	130	21.1	32.6	2.4	7.5	0.8	1.4	0.1	0.9	0.1	16.5	1.01	19.6	6.4
	201.22	202.22	3507	7555	774	2403	187	30.7	48.9	3.7	10.8	1.2	2.3	0.2	1.0	0.1	24.1	1.45	28.2	12.0
	202.22	202.69	5981	12407	1347	3837	270	42.4	64.7	4.0	10.2	1.0	1.7	0.1	0.7	0.1	17.8	2.40	33.5	3.8
	202.69	203.30	5102	10699	1172	3371	246	38.9	59.7	4.1	10.4	1.1	1.9	0.1	0.8	0.1	21.6	2.07	34.2	4.2
	203.30	203.82	6474	13390	1426	4176	306	49.7	76.7	5.7	15.4	1.6	2.6	0.2	1.1	0.2	31.8	2.60	47.8	5.7

Hole ID	From m	To m	La_2O_3 ppm	CeO_2 ppm	Pr_2O_3 ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO %	Th ppm	U ppm
	203.82	204.15	4152	8697	918	2904	234	41.5	69.2	5.4	15.8	1.8	3.1	0.3	1.7	0.2	39.4	1.71	46.2	18.8
	204.15	205.15	3964	8083	819	2449	180	28.5	45.1	3.4	10.4	1.0	1.7	0.1	0.8	0.1	21.6	1.56	29.0	5.7
	205.15	205.91	4328	8930	887	2636	187	29.5	43.7	3.3	8.8	1.0	1.7	0.2	0.9	0.1	20.3	1.71	25.7	7.2
	205.91	206.24	7647	14986	1571	4712	289	40.9	70.2	4.5	12.6	1.3	2.3	0.2	1.3	0.2	26.7	2.94	27.8	8.9
	206.24	206.93	2498	4950	511	1650	108	15.9	27.8	1.9	4.8	0.5	0.9	0.1	0.6	0.1	11.4	0.98	16.0	2.8
	206.93	207.18	4949	10122	1043	3324	216	31.2	54.5	3.6	10.0	0.9	1.4	0.1	0.7	0.1	17.8	1.98	25.9	2.6
	207.18	207.82	4668	9238	968	3196	219	31.8	55.2	3.6	9.8	1.0	1.9	0.2	1.4	0.2	24.1	1.84	29.9	4.8
	207.82	208.75	2815	5663	591	1936	132	19.1	35.4	2.6	8.6	1.0	1.9	0.2	1.5	0.2	22.9	1.12	22.5	2.5
	208.75	209.50	3155	6867	758	2531	191	29.2	52.0	3.5	10.7	1.2	2.4	0.3	1.6	0.2	30.5	1.36	23.3	6.7
	209.50	209.89	5758	13082	1553	5121	437	71.3	152.7	12.8	51.7	7.2	15.3	1.4	8.9	1.0	179.1	2.65	84.1	9.1
	209.89	211.00	739	1646	173	645	87	20.6	56.6	6.2	31.0	4.8	11.9	1.2	7.3	0.8	125.7	0.36	33.9	8.7
	211.00	212.00	341	752	93	378	65	16.3	47.1	5.3	26.1	3.7	8.8	0.9	5.1	0.6	97.8	0.18	18.2	8.4
	212.00	213.00	1114	2101	205	702	89	20.6	57.1	5.9	27.1	4.0	9.5	1.0	5.4	0.7	106.7	0.44	22.9	5.6
	213.00	213.47	640	1308	138	513	75	18.5	53.3	5.7	27.1	4.1	9.4	1.0	5.4	0.7	106.7	0.29	22.3	7.9
	213.47	214.00	1074	2352	250	923	120	27.0	72.8	7.8	38.7	6.0	13.8	1.4	8.1	1.0	153.7	0.50	46.8	9.1
	214.00	214.91	1941	4115	446	1575	144	25.4	53.9	4.3	18.1	2.4	5.2	0.6	4.2	0.5	61.0	0.84	29.0	5.0
	214.91	216.38	5430	11400	1287	4024	290	45.0	78.0	5.0	13.2	1.3	2.3	0.2	1.3	0.2	26.7	2.26	34.5	7.0
	216.38	217.38	10414	21866	2441	8176	531	76.9	126.8	6.9	17.6	1.6	2.6	0.2	0.7	0.1	27.9	4.37	48.0	1.1
	217.38	218.38	5207	11031	1232	3931	279	40.8	67.5	4.0	10.1	1.0	1.7	0.1	0.7	0.1	17.8	2.18	25.8	4.7
	218.38	219.38	12432	22418	2284	6975	448	67.9	122.2	7.4	18.8	1.9	2.7	0.2	1.0	0.1	34.3	4.48	61.1	3.1
	219.38	220.38	3565	7100	723	2286	148	21.7	39.0	2.5	6.0	0.7	1.1	0.1	0.5	0.1	11.4	1.39	15.6	5.9
	220.38	221.37	9077	17259	1764	5074	317	46.7	81.1	5.1	13.9	1.3	2.3	0.2	1.0	0.1	25.4	3.37	37.6	0.9
	221.37	222.37	10321	19654	2060	6042	365	51.9	89.2	5.6	14.8	1.5	2.4	0.2	1.0	0.1	26.7	3.86	39.1	0.9
	222.37	223.37	10520	20453	2126	6544	397	56.4	96.5	5.7	15.6	1.5	2.3	0.2	0.9	0.2	26.7	4.02	42.7	4.0
	223.37	224.37	5430	10896	1184	3523	227	33.8	59.5	3.6	9.5	0.9	1.8	0.1	0.8	0.1	17.8	2.14	24.2	2.9
	224.37	225.37	8515	16215	1643	4759	281	39.6	68.1	4.3	11.0	1.0	1.7	0.1	0.6	0.1	19.1	3.16	28.2	1.8
	225.37	226.37	10004	18917	1951	5692	346	49.7	82.1	5.2	12.5	1.1	1.9	0.2	0.6	0.1	20.3	3.71	33.5	2.9
	226.37	227.37	7647	14434	1486	4362	282	42.3	75.2	5.2	14.0	1.5	2.2	0.2	0.9	0.1	27.9	2.84	41.6	4.8
	227.37	228.37	4550	8402	831	2578	165	24.9	44.8	2.6	7.6	0.8	1.6	0.1	0.8	0.1	17.8	1.66	20.2	6.3
	228.37	229.25	5805	10785	1049	3243	208	30.8	54.8	3.5	9.6	1.0	1.6	0.2	0.8	0.1	19.1	2.12	22.4	1.9
	229.25	230.25	5653	10405	1016	3173	209	31.4	54.4	3.7	11.3	1.1	1.7	0.2	0.7	0.1	22.9	2.06	23.9	2.6
	230.25	231.00	7940	14802	1522	4374	284	44.5	79.9	5.2	13.8	1.5	2.2	0.2	1.0	0.1	26.7	2.91	38.8	2.2
	231.00	232.00	4070	8906	959	3289	250	38.4	69.2	4.6	13.1	1.4	2.5	0.3	1.5	0.2	27.9	1.76	31.6	6.5
	232.00	233.00	3202	6695	760	2496	209	33.2	58.7	3.4	11.0	1.0	1.6	0.1	0.9	0.1	24.1	1.35	26.4	6.7
	233.00	234.00	10719	17628	1800	4946	322	51.2	87.9	6.2	21.8	2.3	3.3	0.3	1.6	0.2	53.3	3.56	50.9	3.6
	234.00	235.00	9570	16768	1794	5004	335	51.1	84.5	5.0	14.8	1.5	2.5	0.3	1.1	0.2	33.0	3.37	40.7	3.9
	235.00	236.00	3636	7383	811	2519	177	26.5	43.0	2.7	8.7	0.9	1.7	0.2	1.0	0.1	21.6	1.46	18.2	19.2
	236.00	237.00	6708	13390	1486	4561	311	45.4	70.7	4.0	12.1	1.3	2.2	0.2	1.0	0.1	26.7	2.66	33.0	4.5
	237.00	238.00	5137	10048	1097	3324	227	34.0	52.2	3.1	9.0	1.0	1.5	0.2	0.9	0.1	20.3	2.00	23.7	6.9
	238.00	239.00	10532	20637	2326	6648	429	62.4	93.8	5.3	15.4	1.5	2.9	0.2	1.3	0.2	34.3	4.08	38.1	1.5
	239.00	240.97	8866	17505	1975	5715	376	55.2	82.4	4.4	12.9	1.4	2.1	0.2	1.0	0.2	26.7	3.46	36.2	1.2
KGKRCDD018	174.00	174.75	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Core Tail Only	174.75	175.68	11728	20330	1933	4946	297	48.2	84.5	7.2	23.5	2.7	5.0	0.4	2.1	0.2	74.9	3.95	60.1	1.4
	175.68	176.68	12784	22173	2139	5447	324	51.8	87.0	7.3	23.5	2.8	4.9	0.4	1.7	0.2	73.7	4.31	55.6	1.8
	176.68	177.68	8714	14986	1438	3674	224	35.8	59.0	4.8	15.8	2.1	3.8	0.4	1.7	0.3	53.3	2.92	40.4	1.3

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 %	Th ppm	U ppm
	177.68	178.68	14250	24814	2332	6613	355	56.5	95.2	7.6	25.6	3.1	5.5	0.4	1.9	0.2	74.9	4.86	57.0	1.9
	178.68	179.68	12959	21988	2030	5739	307	50.5	85.4	7.1	23.2	2.7	4.8	0.4	1.8	0.2	67.3	4.33	62.8	2.1
	179.68	180.68	14191	24261	2229	6310	337	54.8	93.0	7.4	24.2	2.8	5.3	0.4	1.6	0.2	69.8	4.76	63.1	1.9
	180.68	181.68	7799	13144	1226	3243	180	29.5	50.5	4.2	13.3	1.4	3.0	0.2	0.9	0.2	38.1	2.57	36.9	1.1
	181.68	182.68	8257	13758	1293	3441	188	31.2	53.4	4.3	13.8	1.7	2.9	0.2	1.0	0.1	40.6	2.71	38.4	1.3
	182.68	183.68	7834	13021	1214	3219	179	29.4	51.9	4.5	14.7	1.9	3.1	0.3	1.3	0.2	44.5	2.56	44.1	1.2
	183.68	184.68	12138	20084	1836	5004	270	43.0	71.7	5.8	17.0	1.9	3.4	0.3	1.4	0.1	49.5	3.95	50.8	1.4
	184.68	185.23	7166	11915	1104	3033	176	28.3	46.5	3.7	11.5	1.3	2.1	0.2	0.7	0.1	31.8	2.35	37.7	3.6
	185.23	185.72	10672	17259	1571	4141	227	37.6	70.2	6.6	20.8	2.3	3.7	0.3	1.3	0.2	54.6	3.41	60.2	3.2
	185.72	186.14	11259	20514	2078	6287	376	63.0	109.6	9.4	33.4	4.2	8.4	0.9	4.7	0.6	119.4	4.09	152.5	2.3
	186.14	187.14	16067	26411	2356	6567	353	57.1	99.7	8.1	27.9	3.2	5.7	0.5	2.3	0.3	83.8	5.20	81.4	2.6
	187.14	188.14	12021	19286	1728	4596	253	42.2	72.4	6.3	20.4	2.3	4.1	0.3	1.6	0.2	58.4	3.81	62.8	1.4
	188.14	188.46	28030	46679	4096	11722	629	101.1	168.9	13.4	44.1	4.9	8.4	0.6	2.7	0.3	119.4	9.16	151.5	1.6
	188.46	189.44	23925	37835	3335	9238	492	81.2	136.6	11.0	35.8	4.0	6.9	0.5	2.5	0.3	94.0	7.52	111.5	1.7
	189.44	190.44	10426	16522	1468	3896	224	38.3	70.8	6.5	20.4	2.2	3.8	0.3	1.1	0.2	54.6	3.27	74.6	1.2
	190.44	191.44	19058	30464	2706	7465	412	68.2	117.6	9.6	28.7	3.1	5.2	0.4	1.5	0.2	71.1	6.04	93.7	1.4
	191.44	192.00	7963	12898	1166	3103	177	30.5	54.4	4.6	14.2	1.6	2.6	0.2	1.0	0.1	38.1	2.55	50.1	0.8
	192.00	192.50	14425	23340	2163	6159	346	57.7	100.2	8.5	28.4	3.1	4.8	0.4	1.8	0.2	72.4	4.67	106.0	2.2
	192.50	193.50	12021	19347	1764	4689	267	45.5	79.9	7.4	23.2	2.6	4.1	0.3	1.5	0.2	59.7	3.83	71.7	1.4
	193.50	193.80	20114	31447	2755	7395	385	65.7	113.3	9.2	27.2	2.9	4.6	0.4	1.5	0.2	66.0	6.24	84.3	1.7
	193.80	194.80	6110	9803	835	2333	136	23.4	42.7	3.7	11.9	1.3	2.3	0.2	1.0	0.1	33.0	1.93	38.0	0.6
	194.80	195.80	13956	22603	2060	5902	348	59.3	101.8	8.1	25.0	2.6	4.1	0.3	1.3	0.2	58.4	4.51	81.5	1.3
	195.80	196.80	6216	9889	848	2391	142	24.7	44.8	3.5	10.7	1.3	2.1	0.2	0.9	0.1	29.2	1.96	47.8	0.4
	196.80	197.80	6603	10663	916	2554	156	26.2	46.7	3.7	11.9	1.2	1.8	0.2	0.7	0.1	27.9	2.10	40.9	0.6
	197.80	198.80	10520	16399	1462	3756	208	34.6	64.2	6.2	23.6	2.7	4.1	0.3	1.5	0.2	63.5	3.25	49.9	2.2
	198.80	199.80	19644	30341	2646	7383	394	66.7	114.6	9.5	29.4	3.2	5.0	0.4	1.7	0.2	76.2	6.07	102.0	1.4
	199.80	200.80	7565	11768	981	2753	163	27.8	52.1	4.5	15.2	1.7	3.0	0.2	1.1	0.1	39.4	2.34	44.8	2.3
	200.80	201.30	15774	25428	2314	6497	350	59.4	99.1	7.5	22.5	2.4	3.5	0.3	0.9	0.1	49.5	5.06	83.2	3.6
	201.30	201.83	8386	13574	1238	3266	192	32.4	56.3	4.7	14.0	1.6	2.4	0.2	0.9	0.1	36.8	2.68	49.0	1.0
	201.83	202.83	7271	11707	1171	3033	169	27.2	44.8	3.7	10.0	1.2	1.6	0.2	0.6	0.1	25.4	2.35	33.9	4.1
	202.83	203.83	18530	28376	2743	7255	404	69.1	122.2	9.6	27.3	2.9	4.1	0.3	1.4	0.2	63.5	5.76	115.5	1.0
	203.83	204.52	19468	30096	2863	7687	408	66.4	117.0	9.0	27.7	3.0	4.5	0.4	1.4	0.2	69.8	6.08	111.5	1.4
	204.52	205.52	10168	15724	1571	4129	263	43.7	79.3	5.8	16.5	1.8	2.9	0.2	1.0	0.1	39.4	3.20	56.7	4.5
	205.52	206.52	33190	47293	4350	11571	668	111.7	193.1	15.2	51.2	6.9	12.6	1.1	4.8	0.6	179.1	9.76	138.0	2.3
	206.52	207.52	16947	25551	2465	6485	371	60.8	104.3	7.8	23.4	2.8	4.1	0.3	1.6	0.2	64.8	5.21	72.0	1.3
	207.52	208.52	14367	22664	2217	6019	350	58.2	101.0	7.5	23.0	2.6	4.2	0.3	1.4	0.2	59.7	4.59	76.1	1.4
	208.52	209.52	19762	30464	2936	8083	468	77.0	131.4	9.9	29.7	3.4	5.6	0.5	1.9	0.3	83.8	6.21	86.0	1.3
	209.52	210.52	17651	27762	2767	7803	502	85.1	146.4	11.5	35.9	4.2	6.4	0.6	2.5	0.3	97.8	5.69	114.5	1.5
	210.52	211.52	6052	10478	1091	3289	242	38.1	66.0	4.9	14.7	1.8	3.2	0.3	1.6	0.2	47.0	2.13	58.8	1.1
	211.52	212.52	17006	25674	2501	6788	409	68.0	120.5	9.6	28.4	3.4	4.9	0.4	1.5	0.2	74.9	5.27	93.0	1.5
	212.52	213.52	19586	28745	2694	7103	401	63.0	110.1	8.7	27.1	3.1	5.0	0.3	1.6	0.2	73.7	5.88	88.8	1.5
	213.52	214.52	22811	33412	3190	8200	436	69.8	122.8	10.4	32.5	3.4	5.4	0.4	1.6	0.2	82.5	6.84	98.4	1.7
	214.52	215.52	25567	36483	3359	8865	475	76.3	125.1	10.1	31.2	3.6	5.8	0.5	1.9	0.2	86.4	7.51	88.6	3.5
	215.52	216.52	6931	10147	912	2426	139	22.6	41.4	3.6	12.6	1.5	2.4	0.2	0.9	0.1	34.3	2.07	35.3	11.8
	216.52	217.10	5231	8329	788	2187	130	20.7	36.2	3.0	9.4	1.2	2.3	0.3	1.0	0.2	29.2	1.68	30.0	11.8

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 %	Th ppm	U ppm
	217.10	218.00	6626	10429	971	2636	158	26.3	50.6	4.5	14.9	1.7	2.9	0.2	1.3	0.2	38.1	2.10	51.2	13.3
	218.00	218.63	9031	14372	1438	3779	237	39.5	73.7	6.5	19.7	2.2	3.8	0.3	1.4	0.2	50.8	2.91	67.2	10.6
	218.63	219.40	6650	11031	1055	2916	172	27.8	46.8	4.2	17.0	1.8	2.7	0.2	0.9	0.2	39.4	2.20	29.7	11.4
	219.40	220.40	9031	15232	1565	4117	247	39.5	71.8	6.1	19.7	2.0	3.1	0.3	1.0	0.2	47.0	3.04	70.5	7.5
	220.40	221.40	6110	10859	1106	3266	205	34.5	61.9	5.1	16.2	2.0	3.1	0.3	1.1	0.1	43.2	2.17	67.1	8.2
	221.40	222.40	6474	9803	909	2461	149	24.1	43.7	3.7	11.5	1.2	2.1	0.2	0.7	0.1	29.2	1.99	36.7	7.7
	222.40	223.00	8069	13205	1323	3464	191	30.1	50.7	4.0	11.1	1.2	1.8	0.2	0.8	0.1	27.9	2.64	35.7	6.8
	223.00	223.43	7600	12898	1329	3499	198	29.5	46.1	3.3	9.1	1.0	1.7	0.1	0.6	0.1	21.6	2.56	31.1	2.4
	223.43	224.40	18589	27762	2646	6928	369	57.8	101.8	8.7	28.1	3.0	5.0	0.4	1.6	0.2	74.9	5.66	88.2	2.5
	224.40	225.40	24277	35132	3190	8375	441	71.0	126.2	9.9	30.9	3.3	5.4	0.4	1.6	0.2	76.2	7.17	101.0	4.2
	225.40	226.40	20759	31816	3033	8060	445	75.2	131.4	10.0	30.3	3.3	4.9	0.4	1.4	0.2	73.7	6.44	101.0	4.8
	226.40	227.40	24981	36729	3395	8981	496	83.3	146.4	11.6	35.0	3.7	5.7	0.4	1.5	0.2	82.5	7.50	86.9	5.5
	227.40	228.18	34949	48890	4374	11582	620	100.7	174.0	13.7	40.5	4.1	6.1	0.5	1.5	0.2	90.2	10.08	119.0	3.2
	228.18	229.06	16185	25059	2465	6590	371	59.9	105.6	8.5	25.7	2.8	4.4	0.4	1.3	0.3	63.5	5.09	73.9	3.8
	229.06	230.06	36240	54172	4615	12889	721	117.0	189.0	16.0	46.5	4.4	6.8	0.4	1.7	0.2	96.5	10.91	139.5	3.0
	230.06	231.06	43745	65965	5340	14697	812	125.6	195.4	16.4	49.7	5.0	7.6	0.5	1.7	0.2	105.4	13.11	181.0	2.5
	231.06	231.44	44097	64122	5232	14463	755	120.4	187.3	15.9	47.3	4.7	6.8	0.5	1.8	0.2	102.9	12.92	182.5	3.7
	231.44	232.44	8409	13390	1293	3406	206	32.5	55.6	4.7	13.1	1.4	2.1	0.2	0.7	0.1	29.2	2.68	52.3	4.2
	232.44	233.44	7823	12960	1115	3103	176	28.4	47.5	4.1	14.1	1.5	2.3	0.2	0.9	0.1	34.3	2.53	41.3	7.8
	233.44	234.44	10344	16952	1613	4292	245	38.8	61.3	5.3	15.2	1.6	2.3	0.2	0.7	0.1	34.3	3.36	46.5	4.7
	234.44	235.44	7307	12530	1058	3044	173	26.9	45.5	3.8	11.7	1.2	2.2	0.2	0.8	0.1	29.2	2.42	37.8	4.0
	235.44	236.44	8128	14925	1438	4059	241	36.9	62.1	5.2	16.1	1.6	2.5	0.2	0.8	0.1	38.1	2.90	85.8	5.7
	236.44	237.44	7799	13635	1197	3418	189	29.4	48.8	3.9	10.8	1.2	2.1	0.1	0.7	0.1	26.7	2.64	48.8	3.8
	237.44	238.44	8855	15048	1450	3884	218	33.4	50.9	4.1	11.7	1.2	2.1	0.2	0.9	0.1	29.2	2.96	37.6	4.4
	238.44	239.44	6755	11289	1062	2928	173	29.2	49.2	4.8	16.4	1.7	2.7	0.2	1.0	0.2	40.6	2.24	50.1	8.4
	239.44	240.44	4093	6756	611	1755	109	18.5	37.0	4.3	14.9	1.6	2.2	0.1	0.7	0.1	35.6	1.34	63.4	16.3
	240.44	241.44	7482	12837	1110	3219	184	28.7	52.8	5.2	19.6	2.3	4.9	0.5	2.6	0.4	67.3	2.50	51.5	5.4
	241.44	242.44	7823	13267	1126	3196	175	27.3	47.4	4.0	12.4	1.3	2.2	0.2	0.8	0.1	31.8	2.57	44.9	8.5
	242.44	243.44	8784	14986	1359	3697	205	31.2	51.8	4.7	14.9	1.5	2.3	0.2	0.9	0.1	34.3	2.92	49.5	4.6
	243.44	244.44	7529	12775	1250	3383	204	33.6	56.3	5.1	15.4	1.6	2.9	0.2	0.9	0.1	36.8	2.53	55.3	5.3
	244.44	245.44	7318	12468	1191	3243	198	32.0	54.9	4.5	12.9	1.3	2.2	0.2	0.8	0.1	30.5	2.46	57.2	3.2
	245.44	246.00	7424	12530	1180	3173	188	31.0	53.8	4.5	12.2	1.3	2.1	0.2	0.8	0.1	29.2	2.46	49.7	5.8
	246.00	246.47	7952	13512	1293	3546	204	32.1	51.8	4.4	13.3	1.4	2.3	0.2	0.7	0.1	34.3	2.66	50.6	7.0
	246.47	247.06	18237	30956	2972	8456	477	75.6	123.3	10.6	32.4	3.4	5.3	0.4	1.7	0.2	77.5	6.14	81.3	3.2
	247.06	247.74	7213	12247	1183	3196	186	29.3	49.0	4.2	12.2	1.3	2.2	0.2	0.8	0.1	31.8	2.42	50.8	4.8
	247.74	248.23	8597	14434	1383	3802	223	35.1	58.9	5.2	15.6	1.6	2.6	0.2	0.7	0.1	36.8	2.86	51.8	5.6
	248.23	249.23	10801	17935	1722	4689	275	43.1	71.2	6.0	17.9	1.9	3.0	0.2	0.9	0.1	43.2	3.56	59.8	5.0
	249.23	250.23	8174	15662	1619	4712	296	47.9	80.1	7.1	22.3	2.3	3.8	0.3	1.4	0.2	54.6	3.07	96.3	1.3
	250.23	251.23	9031	14864	1414	3802	228	37.4	64.2	5.8	17.5	1.9	3.0	0.3	1.3	0.1	43.2	2.95	62.2	7.7
	251.23	252.23	3812	7112	702	2146	146	23.7	41.6	4.3	14.7	1.7	2.5	0.2	1.0	0.1	38.1	1.40	57.5	7.3
	252.23	253.23	9230	15969	1553	4222	248	39.3	64.6	5.2	15.0	1.6	2.5	0.2	0.9	0.1	36.8	3.14	63.0	2.8
	253.23	254.23	6849	11608	1118	3044	182	29.6	49.7	4.1	11.5	1.2	2.1	0.2	0.6	0.1	27.9	2.29	51.2	5.1
	254.23	255.23	6474	11707	1159	3336	208	32.7	53.3	4.4	12.4	1.3	2.1	0.2	0.8	0.1	30.5	2.30	58.7	2.9
	255.23	256.23	9136	16706	1710	5039	340	55.1	92.4	7.1	21.0	2.2	3.4	0.3	0.9	0.1	45.7	3.32	91.6	2.2
	256.23	257.23	8081	14127	1335	3721	231	37.1	65.2	4.7	14.7	1.6	2.7	0.2	1.0	0.1	36.8	2.77	55.1	3.3

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 %	Th ppm	U ppm
	257.23	258.23	15598	25428	2277	6077	332	51.2	88.1	7.1	22.2	2.3	3.7	0.4	1.1	0.3	50.8	4.99	59.2	2.7
	258.23	259.23	15716	25428	2290	6299	330	52.3	90.7	6.8	21.0	2.1	3.1	0.3	0.9	0.1	45.7	5.03	73.9	3.4
	259.23	260.23	6415	11068	958	2671	154	23.4	40.6	3.3	10.0	1.0	1.6	0.1	0.7	0.1	24.1	2.14	32.3	8.0
	260.23	261.22	5500	9324	809	2298	135	22.2	39.9	3.4	11.4	1.2	1.8	0.2	0.7	0.1	27.9	1.82	37.0	10.9
	261.22	262.13	12901	21006	1873	4887	271	42.2	74.3	5.9	18.3	1.8	2.9	0.2	0.9	0.1	40.6	4.11	59.0	10.1
	262.13	263.13	10731	17628	1607	4421	283	48.2	80.3	5.8	17.7	1.6	2.6	0.2	0.9	0.1	36.8	3.49	67.9	2.0
	263.13	264.40	15481	25919	2356	6544	348	54.0	91.5	6.9	21.2	2.2	3.7	0.3	1.0	0.1	50.8	5.09	67.4	1.7
	264.40	265.23	7623	14434	1408	4071	282	45.5	82.5	6.4	21.7	2.4	4.4	0.4	2.4	0.3	63.5	2.80	103.5	1.1
	265.23	266.23	8350	14249	1311	3476	201	32.9	58.4	4.1	13.0	1.4	2.3	0.2	0.8	0.1	31.8	2.77	53.7	4.5
	266.23	267.23	5348	9262	829	2391	152	26.2	50.6	4.2	13.7	1.3	2.1	0.2	0.7	0.1	29.2	1.81	62.7	4.3
	267.23	268.23	4339	7751	704	2030	118	18.0	30.4	2.4	7.4	0.8	1.5	0.1	0.6	0.1	19.1	1.50	22.4	7.4
	268.23	269.23	14953	25059	2241	5914	308	48.1	74.8	5.8	17.6	1.7	3.0	0.2	1.1	0.3	39.4	4.87	51.6	3.4
	269.23	270.23	15891	26533	2398	6742	363	55.4	86.7	6.1	18.0	1.8	2.7	0.2	1.0	0.2	41.9	5.21	50.8	2.3
	270.23	271.23	15305	24937	2235	6054	321	49.6	82.6	6.3	21.7	2.3	4.2	0.4	1.7	0.3	57.2	4.91	54.1	4.7
	271.23	272.23	11611	19777	1861	4887	271	41.7	69.2	4.8	16.9	1.9	3.1	0.3	1.1	0.2	45.7	3.86	39.9	4.5
	272.23	273.23	16595	27270	2453	6567	334	51.2	83.5	6.4	19.4	2.1	3.3	0.4	1.1	0.3	47.0	5.34	56.2	1.6
	273.23	274.23	9664	16706	1553	4176	244	40.2	71.5	5.6	17.9	2.0	3.2	0.3	1.3	0.2	47.0	3.25	72.7	1.4
	274.23	275.23	20934	34887	3202	8876	468	73.1	121.6	8.9	28.7	3.0	4.8	0.3	1.4	0.1	67.3	6.87	85.1	1.9
	275.23	276.23	14250	25182	2374	6765	382	60.9	106.0	8.1	26.3	2.6	4.5	0.3	1.4	0.2	64.8	4.92	94.3	2.0
	276.23	277.23	8022	14925	1444	4001	232	36.1	64.1	5.2	17.0	2.0	3.4	0.3	1.6	0.2	47.0	2.88	63.0	1.2
	277.23	278.18	12314	20760	1903	4957	282	43.5	73.0	5.7	16.5	1.7	2.6	0.2	0.9	0.1	36.8	4.04	55.2	3.9
	278.18	279.18	6345	11080	993	2811	169	26.2	44.8	3.3	10.2	1.1	2.2	0.2	1.3	0.2	29.2	2.15	31.7	7.0
	279.18	279.78	8151	13758	1299	3464	195	30.9	48.5	3.6	9.6	1.1	2.1	0.2	0.9	0.1	25.4	2.70	27.9	7.0
	279.78	280.78	6579	11301	1004	2811	162	25.1	41.6	2.9	8.6	0.9	1.6	0.2	0.7	0.1	21.6	2.20	23.5	7.2
	280.78	281.78	6568	11043	968	2764	165	26.3	45.4	3.5	11.3	1.2	1.8	0.2	0.9	0.1	27.9	2.16	37.8	11.6
	281.78	282.78	9476	15416	1389	3639	209	31.8	51.9	3.5	10.3	1.1	1.8	0.2	0.8	0.1	24.1	3.03	27.6	4.5
	282.78	283.78	12490	20637	1885	5074	314	50.5	90.7	7.1	21.0	1.9	3.0	0.2	0.9	0.2	43.2	4.06	77.6	4.6
	283.78	284.02	14601	23278	2096	5692	320	51.6	84.3	6.4	18.8	1.7	2.9	0.2	0.9	0.2	36.8	4.62	50.1	2.8
	284.02	285.02	14191	23770	2199	6229	375	59.6	97.4	6.2	18.0	1.7	2.7	0.2	1.0	0.1	35.6	4.70	54.9	3.7
	285.02	286.02	14074	24322	2205	5867	357	55.7	88.3	5.8	15.4	1.5	2.3	0.2	0.9	0.1	31.8	4.70	52.4	3.2
	286.02	287.02	11235	18610	1691	4491	268	43.1	70.9	5.2	14.5	1.5	2.4	0.2	0.9	0.2	31.8	3.65	50.2	4.5
	287.02	288.02	6931	12149	1159	3301	241	42.0	68.9	4.8	12.6	1.3	2.2	0.2	1.1	0.1	29.2	2.39	48.0	4.8
	288.02	288.32	7811	13144	1197	3196	195	32.0	53.0	4.0	12.5	1.4	2.4	0.2	1.3	0.2	34.3	2.57	40.5	9.0
	288.32	289.32	19938	31693	2779	7348	415	69.2	113.9	8.2	23.8	2.5	3.5	0.3	1.4	0.1	52.1	6.24	77.7	1.7
	289.32	290.15	13429	21988	1927	4992	279	45.5	69.0	4.6	12.4	1.3	1.9	0.2	0.7	0.1	27.9	4.28	45.1	5.1
	290.15	291.15	7166	12345	1063	2916	179	30.1	49.8	3.6	10.7	1.2	2.1	0.2	1.0	0.2	26.7	2.38	39.4	6.2
	291.15	292.15	7623	13082	1208	3208	198	32.1	52.3	3.7	9.8	1.1	1.9	0.2	1.1	0.2	25.4	2.54	35.2	9.5
	292.15	293.15	7494	13328	1226	3313	212	34.4	56.5	4.0	11.1	1.2	2.4	0.2	1.1	0.2	27.9	2.57	34.4	9.3
	293.15	294.15	7084	12223	1085	2928	179	29.5	48.1	3.4	10.1	1.1	2.1	0.2	1.3	0.2	27.9	2.36	31.6	5.5
	294.15	295.15	10755	18610	1685	4421	271	45.6	73.4	5.1	12.7	1.3	2.2	0.2	0.9	0.2	29.2	3.59	39.1	5.5
	295.15	297.41	12021	20760	1921	5237	334	57.3	92.6	5.9	16.1	1.7	2.5	0.2	1.1	0.2	35.6	4.05	54.5	4.2

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 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.*	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. 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

<table>
<tr><th>Criteria</th><th>JORC Code explanation</th><th>Commentary</th></tr>
<tr><td></td><td></td><td>• Intervals of rock fracturing and loss of air circulation having recoveries averaging 30-60%
• Competent rock proved good sample recovery averaging >90%</td></tr>
<tr><td>Logging</td><td>• 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.</td><td>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.</td></tr>
<tr><td>Sub-sampling techniques and sample preparation</td><td>• 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.
• 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>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.
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</td></tr>
</table>

<table>
<tr><th>Criteria</th><th>JORC Code explanation</th><th>Commentary</th></tr>
<tr><td></td><td></td><td>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>Analysis for other metals is conducted by four acid digest and ICP-MS (ALS code ME-4ACD81). The elements analysed using this technique are:
<table><tr><td>Ag</td><td>As</td><td>Cd</td><td>Co</td><td>Cu</td><td>Li</td><td>Mo</td><td>Ni</td></tr><tr><td>Pb</td><td>Sc</td><td>Tl</td><td>Zn</td><td></td><td></td><td></td><td></td></tr></table>The sample preparation and assay techniques used are industry standard and provide a total analysis. All laboratories used are ISO 17025 accredited.
QAQC
Analytical Standards
CRM AMIS0356 and OREAS 463 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
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.
No laboratory contamination or bias is evident from results for the blank samples.
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.
Variability between duplicate results is considered acceptable and no sampling bias is evident.

Alternative Analysis Technique
No alternative analytical method analysis has been undertaken.</td></tr>
<tr><td>Verification of sampling and assaying</td><td>• 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.</td><td>No independent verification of significant intersection undertaken.
One RC drill pair were twinned, KGKRC40 and KGKRC046, with assay results acceptably comparable over similar depths.
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.</td></tr>
</table>

<table>
<tr><th>Criteria</th><th>JORC Code explanation</th><th>Commentary</th></tr>
<tr><td></td><td></td><td>
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)
<table>
<tr><th>Element ppm</th><th>Conversion Factor</th><th>Oxide Form</th></tr>
<tr><td>Ce</td><td>1.2284</td><td>CeO_2</td></tr>
<tr><td>Dy</td><td>1.1477</td><td>Dy_2O_3</td></tr>
<tr><td>Er</td><td>1.1435</td><td>Er_2O_3</td></tr>
<tr><td>Eu</td><td>1.1579</td><td>Eu_2O_3</td></tr>
<tr><td>Gd</td><td>1.1526</td><td>Gd_2O_3</td></tr>
<tr><td>Ho</td><td>1.1455</td><td>Ho_2O_3</td></tr>
<tr><td>La</td><td>1.1728</td><td>La_2O_3</td></tr>
<tr><td>Lu</td><td>1.1371</td><td>Lu_2O_3</td></tr>
<tr><td>Nd</td><td>1.1664</td><td>Nd_2O_3</td></tr>
<tr><td>Pr</td><td>1.2082</td><td>Pr_6O_{11}</td></tr>
<tr><td>Sm</td><td>1.1596</td><td>Sm_2O_3</td></tr>
<tr><td>Tb</td><td>1.1762</td><td>Tb_4O_7</td></tr>
<tr><td>Tm</td><td>1.1421</td><td>Tm_2O_3</td></tr>
<tr><td>Y</td><td>1.2699</td><td>Y_2O_3</td></tr>
<tr><td>Yb</td><td>1.1387</td><td>Yb_2O_3</td></tr>
</table>
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) = $La_2O_3 + CeO_2 + Pr_6O_{11} + Nd_2O_3 + Sm_2O_3 + Eu_2O_3 + Gd_2O_3 + Tb_4O_7 + Dy_2O_3 + Ho_2O_3 + Er_2O_3 + Tm_2O_3 + Yb_2O_3 + Y_2O_3 + Lu_2O_3$.
</td></tr>
</table>

Criteria	JORC Code explanation	Commentary
		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
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 surveyed by Differential GPS and are considered accurate to 0.2m. 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 were acquired using non-magnetic gyroscope survey. Topography is derived from SRTM 30 metre digital elevation database.
Data spacing and distribution	• *Data spacing for reporting of Exploration Results.* • *Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.* • *Whether sample compositing has been applied.*	Drill spacing for this phase of drilling is a nominal 50 metre hole spacing on 50 metre line spacing. Topography limitations have necessitated drilling some holes off section. Evaluation of hole spacing for suitability to determine geology and grade estimation will be undertaken following this phase of drilling. No mineral resource estimation has been undertaken. No sample compositing has been used.
Orientation of data in relation to geological structure	• *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* • *If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.*	The relationship between mineralisation and drill orientation is not known.
Sample security	• *The measures taken to ensure sample security.*	After collection, the samples were transported by Company representatives via road to Lilongwe and dispatched via airfreight to ALS Johannesburg South Africa. Sample shipments are managed by a professional cargo freight company and remain secure during transport. Following sample preparation subsamples are shipped to Perth Australia by ALS using DHL. Samples are received in Australia and subject to customs inspection and quarantine treatment. Samples were subsequently transported from Australian customs to ALS Perth via road freight and inspected on arrival by a Company representative.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	No audits or reviews have been undertaken

Section 2 Reporting of Exploration Results

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

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	• *Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.* • *The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.*	The Kangankunde Project comprising granted Exploration Licence EPL0514/18R and Mining Licence MML0290/22 is 100% owned by Rift Valley Resource Developments (RVRD) a Malawian registered company. Lindian Resources currently holds 33% of RVRD with a binding share purchase agreement in place to progressively acquire 100 % of RVRD.
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 centring Kangankunde Hill. The diameters in N-S and E-W directions are 900m and 700m, respectively. 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*	The material information for drill holes relating to this announcement are contained in Appendix 1.

Criteria	JORC Code explanation	Commentary
	○ *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.*	
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 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.