ASX ANNOUNCEMENT 19 December 2023

<u>Roe Hills Project, Eastern Goldfields WA</u>

High-grade assays over large area point to significant rare earths discovery

More exceptional results reveal thick zones of high-grade, clay-hosted rare earth elements with assays up to 2.31% TREO

<u>Highlights</u>

- **Final assays from recent Roe Hills North drilling reveal very high-grade rare earth element (REE) intersections over a large area at the Black Cat prospect**
- **Results include a standout intersection of 28m @ 3854ppm TREO from 32m which includes 4m @ 2.31% TREO (23,182ppm) in drillhole RHRC253**
- **More than 90% of holes tested for REEs have returned significant intersections of REE (>500ppm TREO)**
- **Mineralisation contains exceptionally high proportions of the high-value neodymium + praseodymium (23% of TREO) and Magnet REO (28% of TREO) elements**
- **Black Cat now considered a significant clay-hosted REE discovery with scale and potential in the right location**
- **Metallurgical testwork underway to identify simple processing pathway**
- **The high-grade REE mineralisation forms at the base of complete weathering above syenite and monzonite intrusions and remains open in all directions**
- **A gravity survey has begun which will identify additional syenite and monzonite targets at depth and under cover**
- **Additional lithium-bearing pegmatites, with highly promising LCT-fertility indicators have been intersected at Crystal Palace and the pegmatite swarm heads under cover to the west – gravity survey will assit in defining extensions of pegmatites along-strike of Manna**

<u>Significant Results</u>

<u>Black Cat – Rare Earths</u>

- **28m @ 3854ppm TREO** from 32m incl **4m @ 23,182ppm TREO** from 56m (RHRC253)

- **48m @ 1631ppm TREO** from 44m incl **12m @ 4332ppm TREO** from 48m (RHRC153)
- **36m @ 1586ppm TREO** from 36m incl **12m @ 3187ppm TREO** from 44m (RHRH125)
- **20m @ 2100ppm TREO** from 44m incl **8m @ 3152ppm TREO** from 48m (RHRC126)
- **114m @ 1185ppm TREO** from 40m incl **12m @ 2533ppm TREO** from 40m and **16m @ 2178ppm TREO** from 108m (RHRC127)
- **36m @ 1826ppm TREO** from 36m incl **24m @ 2390ppm TREO** from 40m (RHRC128)

<u>Crystal Palace – Lithium</u>

- **2m @ 0.33% Li_2O** from 98m (RHRC195)
- **1m @ 0.14% Li_2O** from 8m (RHRC172)
- **4m @ 0.12% Li_2O** from 96m (RHRC163)

Next Steps

- Complete the gravity survey at Black Cat and Blue Jay areas to map subsurface intrusions and fault zones, placing all drilling information into geological context
- Initial metallurgical testwork for Black Cat REE concentrating on whether the clay-hosted REEs are 'ionic' in nature and whether there is a simple beneficiation pathway
- Drill-planning of cheaper aircore programmes once the distribution of syenite and monzonite intrusions for REE mineralisation are known and can be targeted
- Continue field mapping and sampling exercises on the southern part of the Roe Hills tenement package

Kairos Managing Director, Dr Peter Turner said: **"These latest results provide more firm evidence that we have a substantial clay-hosted rare earths discovery very close to Kalgoorlie.**

"The results are clearly exceptional for clay-hosted REE mineralisation, with high grades and thick intersections recorded over such a large area, along with the high ratio of valuable magnet REEs to total REEs.

"The gravity survey now underway is expected to identify numerous additional granitic targets to drill and we see an opportunity to complete some early metallurgical testwork to understand if we are dealing with an ionic REE discovery and whether we can increase the grades further during a simple beneficiation process".

Kairos Minerals Ltd (**ASX: KAI**) is pleased to report outstanding high-grade rare earths assays over wide intersections from its 100% owned Roe Hills project, 110km east of Kalgoorlie.

All assays have now been received from the 83 RC drillholes completed at Roe Hills North. 11,138m of drilling was completed in October as part of a reconnaissance program to test high priority lithium, rare earth element and gold targets at the Black Cat, Crystal Palace and Blue Jay prospects (**Figure 1**). This includes five additional holes planned and drilled at Black Cat after the identification of high-grade REE mineralisation from initial assays.

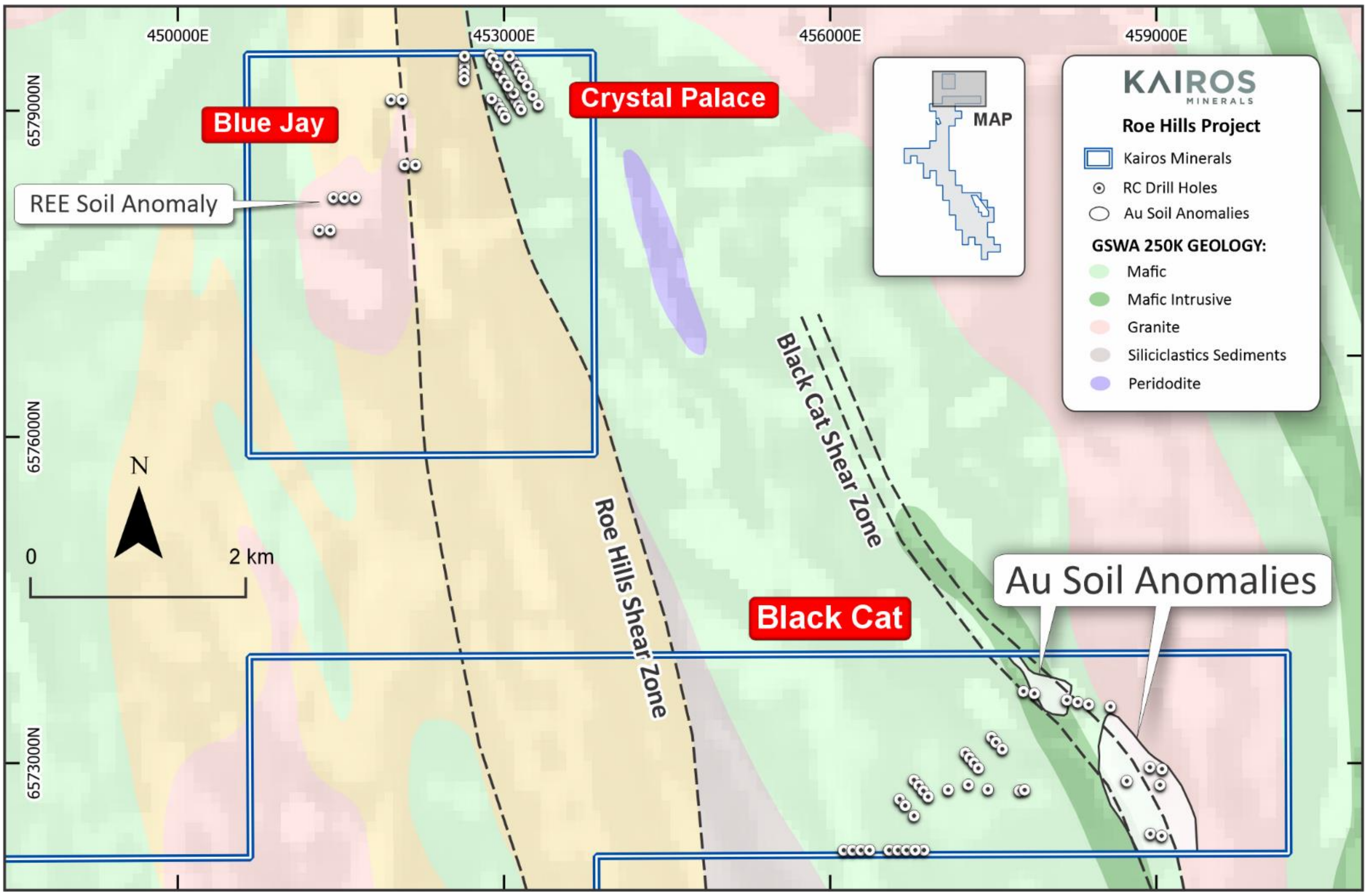

Figure 1: Roe Hills North project area showing the location of RC drill collars drilled on a background image of regional geology.

Black Cat

Drilling at Black Cat has defined significant high-grade REE mineralisation that is far more extensive and widespread than originally anticipated, **so much so that it is being considered by Kairos as a significant and potentially large discovery**. Initial drilling at Black Cat originally targeted significant lithium pathfinder anomalies in soils, and while no lithium pegmatites were intersected at Black Cat as hoped, initial multi-element assay results returned thick, high-grade rare earth mineralisation within clays overlying previously unknown syenite and monzonite intrusions in each of 9 holes that were originally analysed for REE's. This prompted samples from the remaining holes at Black Cat to be re-submitted for REE analysis, as well as an additional 5 hole to be planned and drilled to test for extensions to the mineralisation.

Results have now been received for all holes at Black Cat and include some spectactular total rare earth oxide (TREO) widths and grades. Recent high-grade results include:

- **28m @ 3854ppm TREO** from 32m incl **4m @ 23,182ppm (2.31%) TREO** from 56m (RHRC253)
- **48m @ 1631ppm TREO** from 44m incl **12m @ 4332ppm TREO** from 48m (RHRC153)
- **36m @ 1586ppm TREO** from 36m incl **12m @ 3187ppm TREO** from 44m (RHRH125)
- **20m @ 2100ppm TREO** from 44m incl **8m @ 3152ppm TREO** from 48m (RHRC126)
- **114m @ 1185ppm TREO** from 40m incl **12m @ 2533ppm TREO** from 40m and **16m @ 2178ppm TREO** from 108m (RHRC127)
- **36m @ 1826ppm TREO** from 36m incl **24m @ 2390ppm TREO** from 40m (RHRC128).

A full list of significant results can be found in **Table 1**.

Mineralisation at Black Cat contains a significant proportion of the valuable neodymium + praseodymium rare earths (NdPr) and magnet rare earths (Mag REO). NdPr ratios across the deposit average 23% of TREO values, with local ratios up to 38% of TREO. In addition the Mag REO ratios average 28% of TREO values with local ratios up to 47% of TREO. These are exceptionally high proportions relative to most REE deposits, and highlights the significance of the rare earths at Black Cat.

All significant intercepts are associated with deeply weathered clays that have formed highly mineralised zones due to weathering of enriched, but moderate grade syenite and monzonite intrusions. The highly mineralised clays form a broad, thick, sub-horizontal sheet-like body of REE enriched material that remains open in all directions.

The mineralisation in the clays is generally non-visual and forms at the transition from upper saprolite to lower saprolite, and through to the base of complete weathering. Mineralisation in the saprock and fresh rock is generally constrained to the syenite and monzonite intrusions and their immediate country rock.

A gravity survey is currently underway at Roe Hills North to assist in identifying additional synenite and monzonite bodies under cover that may be prospective for similar high-grade REE mineralisation.

Samples of the mineralised clay material have been selected for initial metallurgical testwork. Preliminary metallurgical testwork will involve determination of beneficiation potential via detailed sizing analysis and rare earth recovery under both ammonia and hydrochloric acid leach conditions. This work will provide a broad indication of the rare earth mineral distribution within the selected samples.

In addition a broad selection of drillhole intervals were submitted for REE analysis using a fusion digest method which is considered a total sample digest. While all results reported in this announcement utilised a four-acid digest which is considered a near-total sample digest, fusion digest may liberate additional elements through the digestion of REE-bearing minerals that other methods may not disolve. The results of the fusion digest vs four-acid digest shows an average uptick in reported REE results of +4.7% with the fusion method. The difference is considered significant enough to make note of, but generally not a high enough difference to consider a wholescale change in analysis methods.

Significant intercepts > 500ppm TREO for all Black Cat drillholes are shown in **Table 1**, with recent assay results for all rare earth oxides >250ppm TREO shown in **Table 4**.

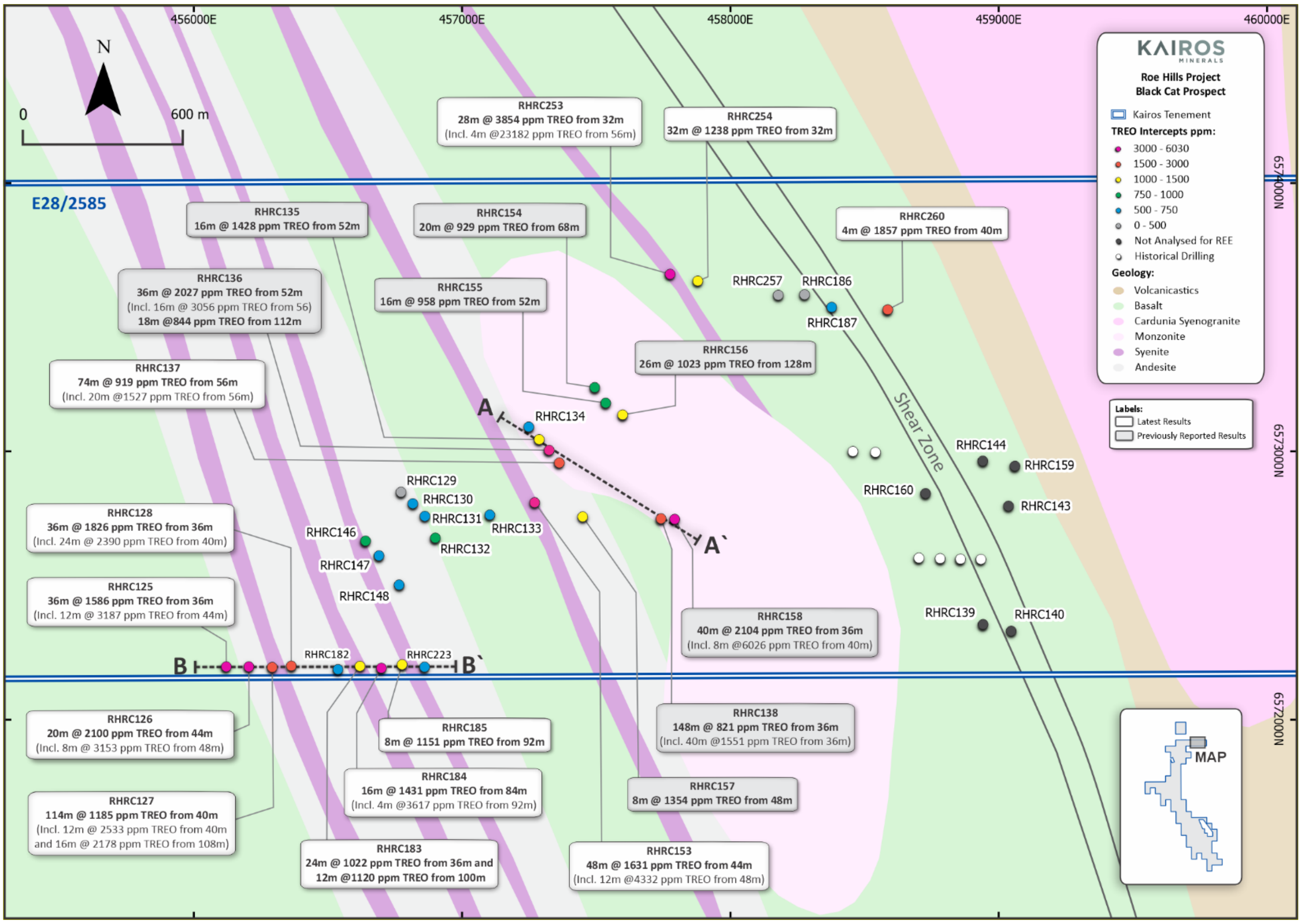

Figure 2: Black Cat REE drill results. See **Figures 3 and 4** for cross-sections.

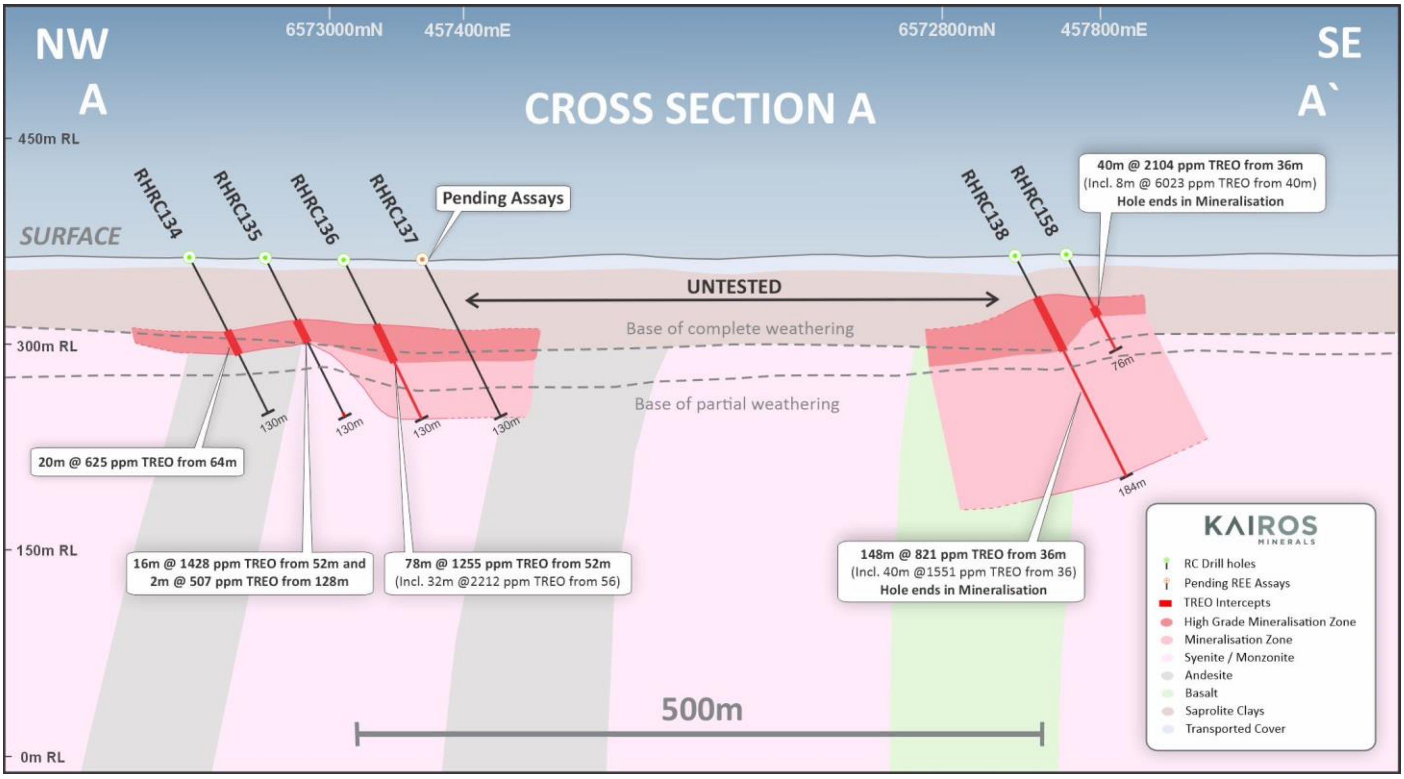

Figure 3: Cross-section A-A`with rare earth intercepts. See **Figure 2** for section location.

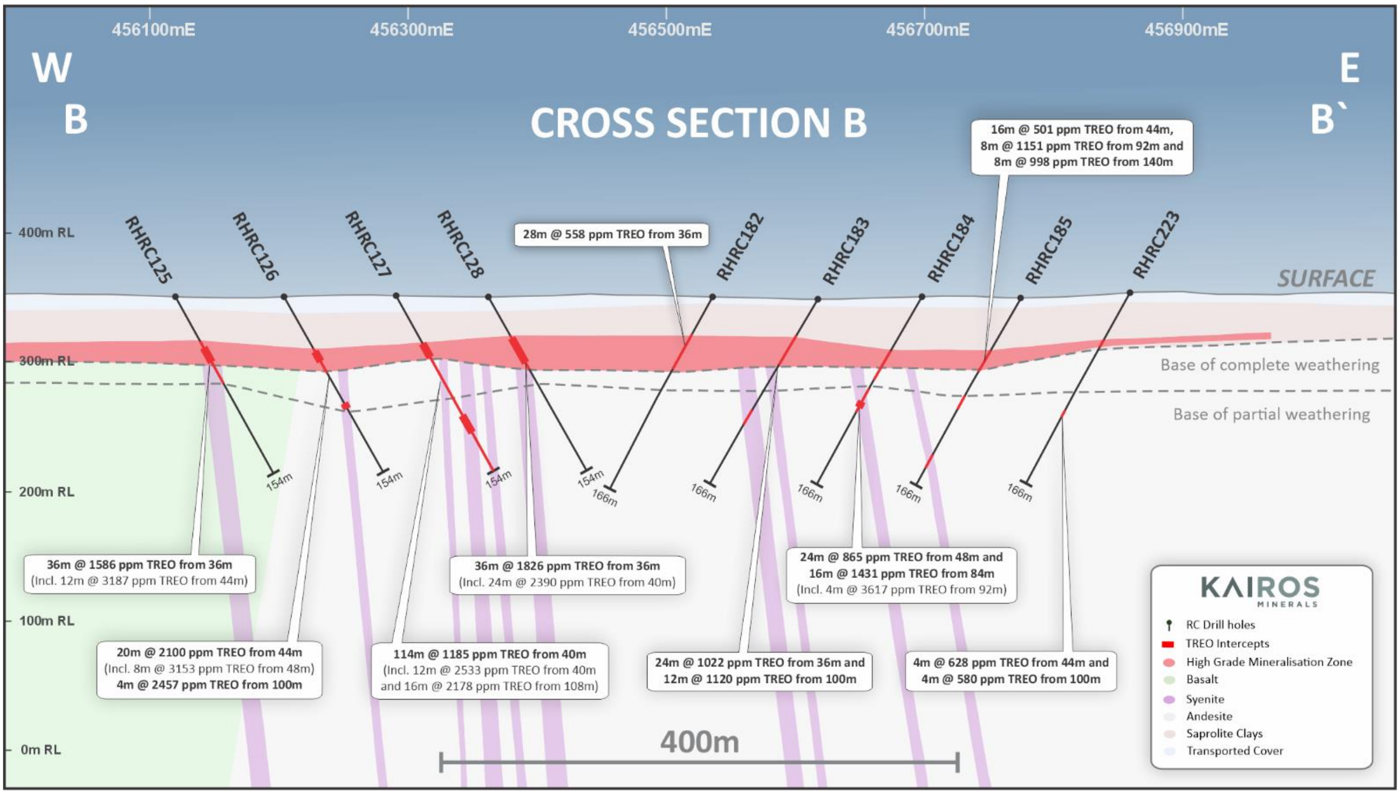

Figure 4: Cross-section B-B`with rare earth drillhole intercepts. See **Figure 2** for section location.

Hole ID	From (m)	To (m)	Interval (m)	TREO (ppm)	LREO (ppm)	HREO (ppm)	Mag REO (ppm)	Nd + Pr (ppm)	NdPr%	Comment
RHRC125	36	72	36	1586	1381	178	487	394	22	Clays into syenite
incl	44	56	**12**	**3187**	2783	373	1035	835	26	Clays above syenite
RHRC126	44	64	20	2100	1896	169	599	496	23	Saprolite clays
incl	48	56	**8**	**3153**	2914	196	804	674	20	Saprolite clays
RHRC126	100	104	**4**	**2457**	2359	85	632	557	23	Fresh syenite
RHRC127	40	154	114	1185	1099	69	308	260	22	Clays into syenite
incl	40	52	**12**	**2533**	2356	160	627	527	21	Clays above syenite
and	108	124	**16**	**2178**	2066	104	575	492	22	Fresh syenite
and	136	144	**8**	**1651**	1150	78	354	294	24	Fresh syenite
RHRC128	36	72	36	1826	1679	118	416	343	20	Saprolite clays
incl	40	64	**24**	**2390**	2203	157	546	449	20	Saprolite clays
RHRC129	44	48	4	381	311	48	96	73	19	Saprolite clays
RHRC130	44	48	4	542	433	86	138	101	19	Saprolite clays
RHRC131	96	100	4	636	549	68	192	148	23	Saprolite clays
RHRC132	80	84	4	778	679	80	240	186	24	Saprolite clays
RHRC133	48	64	16	578	499	42	129	104	18	Saprolite clays
RHRC137	56	130	74	919	850	63	260	215	25	Clays into monzonite
incl	56	76	**20**	**1527**	1428	89	378	315	22	Clays over monzonite
RHRC146	72	76	4	833	778	40	190	163	20	Saprolite clays
RHRC147	48	56	8	713	635	49	143	116	16	Saprolite clays
RHRC148	52	56	4	591	520	35	116	94	16	Saprolite clays
RHRC153	44	92	48	1631	1416	196	623	510	28	Clays into syenite
incl	48	60	**12**	**4332**	3683	606	1818	1485	35	Clays over syenite
RHRC153	112	124	12	619	563	41	172	142	23	Fresh syenite
RHRC153	196	204	8	815	759	39	200	172	21	Fresh syenite
RHRC182	36	64	28	558	462	62	122	94	17	Clays
RHRC183	36	60	24	1022	881	113	305	241	24	Clays above syenite
RHRC183	84	88	4	1041	962	69	268	224	22	Saprock and clays
RHRC183	100	112	12	1120	1027	81	300	245	22	Fresh syenite
RHRC184	48	72	24	865	763	82	216	176	20	Clays
RHRC184	84	100	16	1431	1355	60	335	289	20	Syenite & andesite
incl	92	96	**4**	**3617**	3501	101	850	749	21	Fresh syenite
RHRC185	44	60	16	501	412	63	127	98	19	Clays
RHRC185	92	100	8	1151	1060	72	277	228	21	Possible syenite
RHRC185	140	148	8	998	874	99	324	252	25	Syenite & andesite
RHRC186	44	48	4	435	263	42	72	48	11	Saprolite clays
RHRC187	52	56	4	701	146	532	138	46	7	Saprolite clays
RHRC223	44	48	4	628	530	70	149	112	18	Clays
RHRC223	100	104	4	580	513	48	141	114	20	Possible syenite
RHRC253	32	60	28	3854	2966	848	1492	1147	13	Clays into syenite
incl	56	60	**4**	**23182**	17515	5652	9889	7601	33	Clays into syenite
RHRC254	32	40	8	1238	969	210	436	334	8	Clays into syenite
RHRC257			No Significant Intercepts							
RHRC260	40	44	4	1857	1086	724	722	457	25	Saprolite clays

Hole ID	From (m)	To (m)	Interval (m)	TREO (ppm)	LREO (ppm)	HREO (ppm)	Mag REO (ppm)	Nd + Pr (ppm)	NdPr%	Comment
RHRC134	64	84	20	625	517	102	247	189	34	Previously Reported
RHRC135	52	68	16	1428	1266	155	450	359	26	Previously Reported
RHRC136	52	88	36	2027	1804	209	745	606	26	Previously Reported
incl	56	72	**16**	**3056**	2717	320	1227	1002	31	Previously Reported
RHRC136	112	130	18	844	775	62	236	195	23	Previously Reported
RHRC138	36	184	148	821	750	56	231	194	23	Previously Reported
incl	36	76	**40**	**1551**	1413	104	440	374	23	Previously Reported
RHRC154	68	88	20	929	844	82	278	223	24	Previously Reported
RHRC155	52	68	16	958	845	110	308	239	25	Previously Reported
RHRC155	92	96	4	712	672	39	210	178	25	Previously Reported
RHRC155	124	130	6	854	774	77	254	203	24	Previously Reported
RHRC156	44	76	32	492	439	49	146	116	24	Previously Reported
RHRC156	128	154	26	1023	904	104	299	235	22	Previously Reported
incl	148	154	**6**	**2022**	1828	189	612	483	24	Previously Reported
RHRC157	48	56	8	1354	1208	118	316	260	19	Previously Reported
RHRC157	92	100	8	841	766	58	227	190	23	Previously Reported
RHRC157	120	154	34	677	611	44	185	156	23	Previously Reported
RHRC158	36	76	40	2104	1851	228	779	649	28	Previously Reported
incl	40	48	**8**	**6023**	5315	659	2453	2052	34	Previously Reported

Table 1. Significant drill intercepts for REE's at Black Cat >500ppm TREO

Notes:
TREO = $CeO_2 + Dy_2O_3 + Er_2O_3 + Eu_2O_3 + Gd_2O_3 + Ho_2O_3 + La_2O_3 + Lu_2O_3 + Nd_2O_3 + Pr_6O_{11} + Sc_2O_3 + Sm_2O_3 + Tb_4O_7 + Tm_2O_3 + Y_2O_3 + Yb_2O_3$
LREO = $CeO_2 + Eu_2O_3 + La_2O_3 + Nd_2O_3 + Pr_6O_{11} + Sm_2O_3$
HREO = $Dy_2O_3 + Er_2O_3 + Gd_2O_3 + Ho_2O_3 + Lu_2O_3 + Tb_4O_7 + Tm_2O_3 + Y_2O_3 + Yb_2O_3$
Mag REO = $Dy_2O_3 + Nd_2O_3 + Pr_6O_{11} + Tb_4O_7$
Nd + Pr = $Nd_2O_3 + Pr_6O_{11}$
NdPr% = $Nd_2O_3 + Pr_6O_{11}$ as a percentage of TREO

Blue Jay

Drilling at Blue Jay was designed to test REE soil anomalies for significant REE mineralisation in regolith clays and primary granitic rocks. Nine RC drillholes were completed, however no significant REE mineralisation was encountered in the drillholes. It was noted that the granite body at Blue Jay did not have a well developed clay-rich weathered profile like the profile observed at Black Cat, with many of the holes intersecting fairly fresh rock within a few meters of the surface.

While the results were generally disappointing, much of the broader Blue Jay area is under shallow cover and additional intrusive bodies may be identified within the gravity data currently being collected. This may lead to additional targets with potential for REE mineralisation.

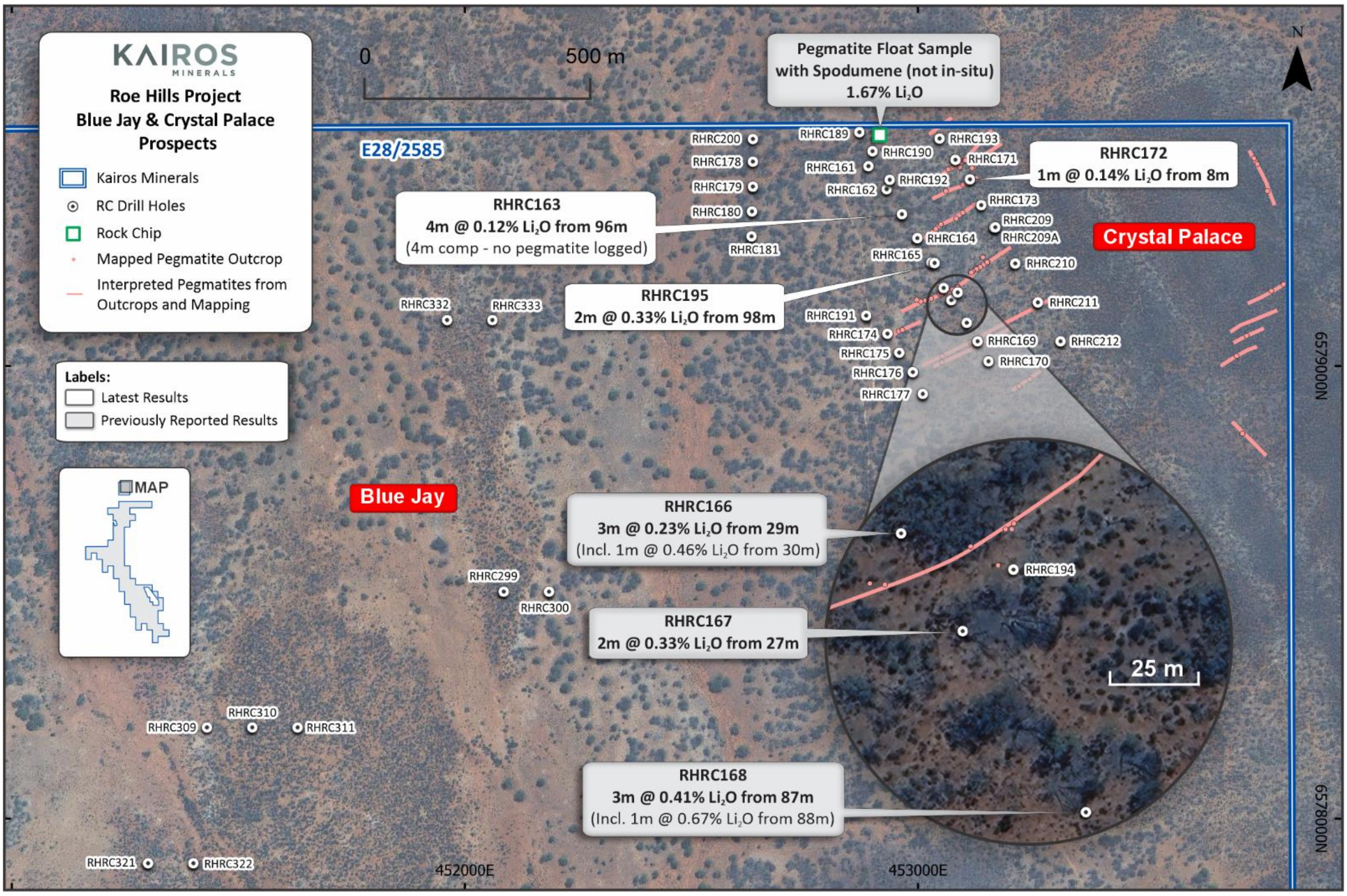

Figure 5. Crystal Palace and Blue Jay drill results. There are no significant REE results to report from Blue Jay.

Crystal Palace

Assay results for the remaining 26 RC holes at Crystal Palace have been returned (**Table 2**). Drilling at Crystal Palace targeted a west-south-west trending swarm of pegmatites mapped in surface sub-crop (**Figure 5**), with coincident strong lithium and associated pathfinder soil anomalism in addition to Lithium-Tantalum-Caesium (LCT) fertility indicators such as low K/Rb ratio (<25 across pegmatite intercepts) and lithium-bearing lepidiolite mica in rock chips. Several narrow 1-3m wide, steeply-dipping pegmatites were intersected in the drilling, with lepidiolite noted in most intercepts which was backed up by XRD mineralogy. The best lithium grades returned were **2m @ 0.33% Li_2O** from 98m (RHRC195) and **1m @ 0.14% Li_2O** from 8m (RHRC172). This is in line with previously reported results of **3m @ 0.41% Li_2O** from 87m including **1m @ 0.67% Li_2O** from 88m (RHRC168) and **3m @ 0.23% Li_2O** from 29m including **1m @ 0.46% Li_2O** from 30m (RHRC166).

The presence of lepidiolite in the samples is encouraging from an LCT perspective, and the mapped pegmatite swarm disappears under shallow transported cover to the west, where the ongoing gravity survey may assist in identifying drill targets under cover.

Hole ID	From (m)	To (m)	Interval (m)	Li_2O (%)	Description
RHRC195	98	100	2	0.33	Lepidolite-bearing pegmatite in basalt
RHRC172	8	9	1	0.14	Partially weathered pegmatite
RHRC163	96	100	4	0.12	No pegmatite observed in chips

Table 2. Significant drill intercepts for lithium at Crystal Palace >0.1% Li_2O

Black Cat Gold

Drilling for gold mineralisation at Black Cat North was designed to test for gold mineralisation extending northwest from the main Black Cat gold prospect, as well as lithium and REE mineralisation. Minor gold mineralisation was reported at the main Black Cat gold prospect in previous announcements, including 4m @ 0.98g/t Au from 0m (RHRC139) and 4m @ 0.95g/t Au from 52m (RHRC147) and it was interpreted that this mineralisation may continue northwest and thicken around a potential structural zone associated with an Au soil anomaly.

Drilling intersected variably magnetic and sheared basalt with local syenite intrusions, however no significant gold mineralisation was identified and no significant gold assay results were received. This has most likely downgraded the prospectivity for Black Cat to host significant gold mineralisation, although the drilling did intersect REE mineralisation and syenites as reported above, and Black Cat North remains prospective for additional REE mineralisation.

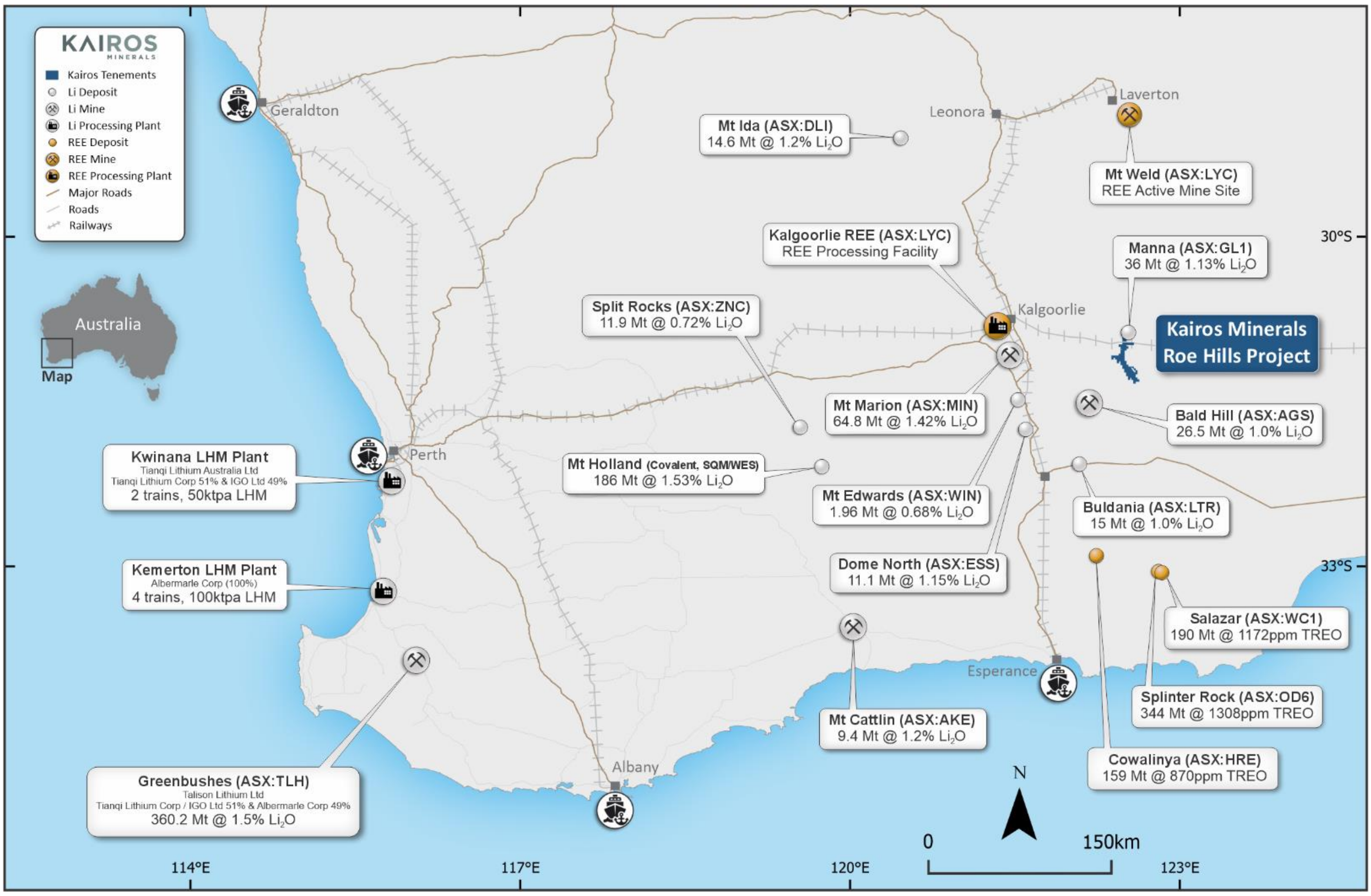

Figure 6. Location of the Roe Hills project in relation to infrastructure and other known REE and Lithium deposits and process facilities.

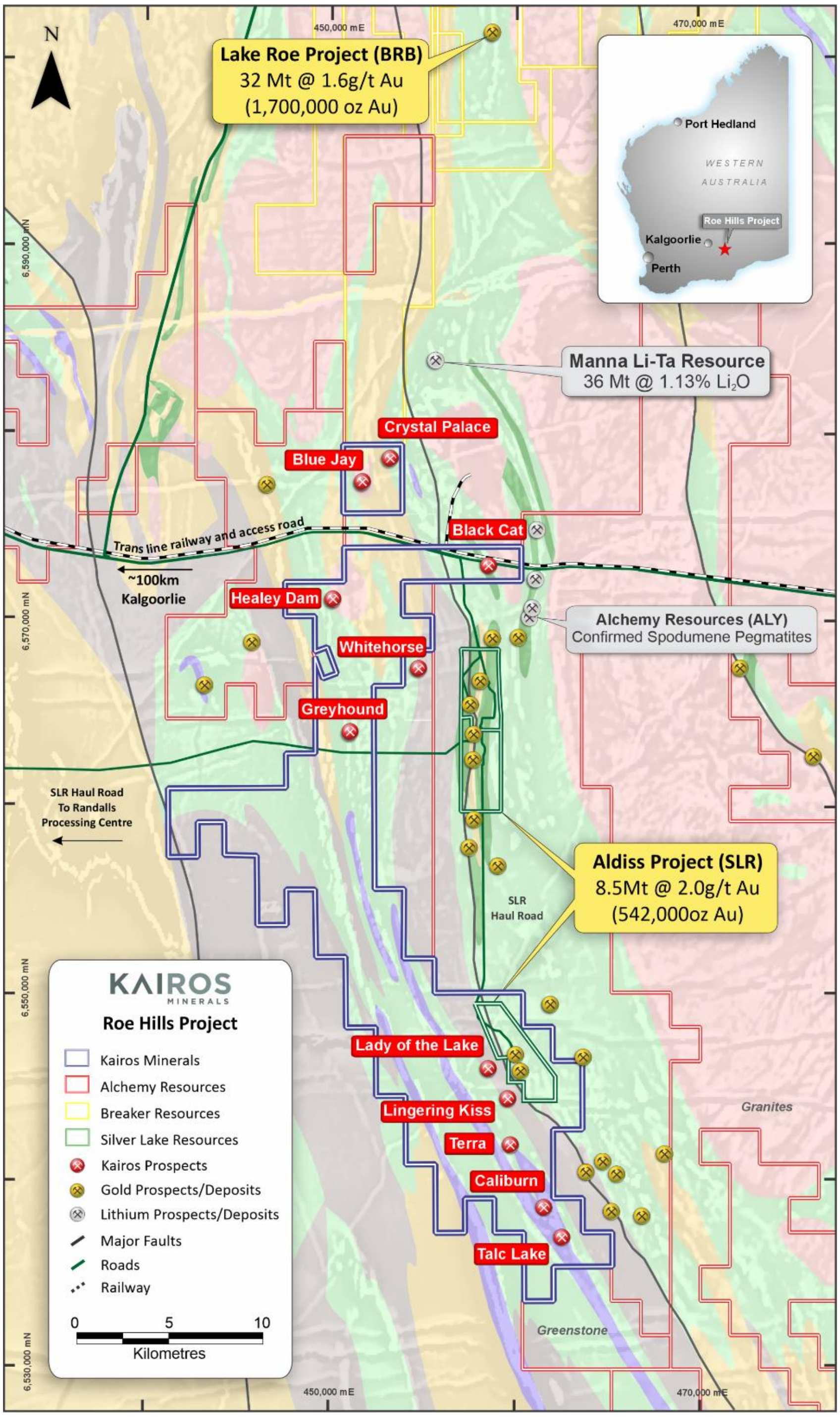

Figure 7: Kairos' Roe Hills tenements in relation to neighbouring companies overlain on a magnetic image highlighting interpreted granites. Lithium mines and advanced projects with resources are shown with quoted mineral resources.

Hole ID	Hole Type	Prospect	Easting	Northing	RL	Azimuth (degrees)	Dip (degrees)	Hole Depth (m)	Lithium Assays	Gold Assays	REE Assays
RHRC125	RC	Black Cat	456122	6572199	345	90	-60	154	NSI	NSI	Reported
RHRC126	RC	Black Cat	456203	6572198	346	90	-60	154	NSI	NSI	Reported
RHRC127	RC	Black Cat	456280	6572200	346	90	-60	154	NSI	NSI	Reported
RHRC128	RC	Black Cat	456360	6572200	347	90	-60	154	NSI	NSI	Reported
RHRC129	RC	Black Cat	456768	6572844	356	140	-60	142	NSI	NSI	Reported
RHRC130	RC	Black Cat	456813	6572794	357	140	-60	142	NSI	NSI	Reported
RHRC131	RC	Black Cat	456854	6572745	356	140	-60	142	NSI	NSI	Reported
RHRC132	RC	Black Cat	456899	6572691	355	140	-60	154	NSI	NSI	Reported
RHRC133	RC	Black Cat	457083	6572755	357	320	-60	184	NSI	NSI	Reported
RHRC134	RC	Black Cat	457242	6573094	359	140	-60	130	NSI	NSI	Reported
RHRC135	RC	Black Cat	457280	6573048	359	140	-60	130	NSI	NSI	Reported
RHRC136	RC	Black Cat	457320	6573001	357	140	-60	130	NSI	NSI	Reported
RHRC137	RC	Black Cat	457360	6572953	357	140	-60	130	NSI	NSI	Reported
RHRC138	RC	Black Cat	457739	6572746	360	90	-60	184	NSI	NSI	Reported
RHRC139	RC	Black Cat Gold	458942	6572349	372	90	-60	214	NSI	Reported	Not analysed
RHRC140	RC	Black Cat Gold	459046	6572331	369	90	-60	166	NSI	NSI	Not analysed
RHRC143	RC	Black Cat Gold	459031	6572800	367	90	-60	166	NSI	NSI	Not analysed
RHRC144	RC	Black Cat Gold	458938	6572963	366	90	-60	166	NSI	NSI	Not analysed
RHRC146	RC	Black Cat	456637	6572668	355	140	-60	154	NSI	Reported	Reported
RHRC147	RC	Black Cat	456688	6572609	355	140	-60	154	NSI	Reported	Reported
RHRC148	RC	Black Cat	456769	6572515	354	140	-60	154	NSI	NSI	Reported
RHRC153	RC	Black Cat	457269	6572801	360	320	-60	214	NSI	NSI	Reported
RHRC154	RC	Black Cat	457482	6573238	360	140	-60	124	NSI	NSI	Reported
RHRC155	RC	Black Cat	457523	6573191	360	140	-60	130	NSI	NSI	Reported
RHRC156	RC	Black Cat	457581	6573128	361	320	-60	154	NSI	NSI	Reported
RHRC157	RC	Black Cat	457448	6572758	358	140	-60	154	NSI	NSI	Reported
RHRC158	RC	Black Cat	457786	6572753	359	90	-60	76	NSI	NSI	Reported
RHRC159	RC	Black Cat Gold	459049	6572945	363	90	-60	214	NSI	NSI	Not analysed

Hole ID	Hole Type	Prospect	Easting	Northing	RL	Azimuth (degrees)	Dip (degrees)	Hole Depth (m)	Lithium Assays	Gold Assays	REE Assays
RHRC160	RC	Black Cat Gold	458726	6572835	358	90	-60	214	NSI	Reported	Not analysed
RHRC161	RC	Crystal Palace	452890	6579440	405	330	-60	130	NSI	NSI	Not analysed
RHRC162	RC	Crystal Palace	452930	6579389	403	330	-60	106	NSI	NSI	Not analysed
RHRC163	RC	Crystal Palace	452964	6579334	404	150	-55	130	Reported	NSI	Not analysed
RHRC164	RC	Crystal Palace	452998	6579281	404	150	-60	136	NSI	NSI	Not analysed
RHRC165	RC	Crystal Palace	453029	6579227	418	150	-60	130	NSI	NSI	Not analysed
RHRC166	RC	Crystal Palace	453056	6579171	418	150	-60	124	Reported	NSI	Not analysed
RHRC167	RC	Crystal Palace	453073	6579144	416	330	-60	106	Reported	NSI	Not analysed
RHRC168	RC	Crystal Palace	453107	6579094	415	150	-60	106	Reported	NSI	Not analysed
RHRC169	RC	Crystal Palace	453131	6579053	405	150	-60	112	NSI	NSI	Not analysed
RHRC170	RC	Crystal Palace	453155	6579009	405	150	-60	136	NSI	NSI	Not analysed
RHRC171	RC	Crystal Palace	453082	6579454	407	150	-55	112	NSI	NSI	Not analysed
RHRC172	RC	Crystal Palace	453114	6579411	412	150	-55	130	Reported	NSI	Not analysed
RHRC173	RC	Crystal Palace	453139	6579354	414	150	-55	130	NSI	NSI	Not analysed
RHRC174	RC	Crystal Palace	452932	6579070	403	150	-55	106	NSI	NSI	Not analysed
RHRC175	RC	Crystal Palace	452958	6579028	421	150	-55	106	NSI	NSI	Not analysed
RHRC176	RC	Crystal Palace	452988	6578985	410	150	-55	106	NSI	NSI	Not analysed
RHRC177	RC	Crystal Palace	453010	6578937	403	150	-55	142	NSI	NSI	Not analysed
RHRC178	RC	Crystal Palace	452635	6579450	401	180	-55	124	NSI	NSI	Not analysed
RHRC179	RC	Crystal Palace	452635	6579395	400	180	-55	124	NSI	NSI	Not analysed
RHRC180	RC	Crystal Palace	452633	6579340	399	180	-55	124	NSI	NSI	Not analysed
RHRC181	RC	Crystal Palace	452632	6579285	399	180	-55	124	NSI	NSI	Not analysed
RHRC182	RC	Black Cat	456536	6572186	351	270	-60	166	NSI	NSI	Reported
RHRC183	RC	Black Cat	456618	6572198	350	270	-60	166	NSI	NSI	Reported
RHRC184	RC	Black Cat	456698	6572191	351	270	-60	166	NSI	NSI	Reported
RHRC185	RC	Black Cat	456775	6572204	350	270	-60	166	NSI	NSI	Reported
RHRC186	RC	Black Cat	458275	6573583	367	280	-55	184	NSI	NSI	Reported
RHRC187	RC	Black Cat	458376	6573536	366	280	-55	184	NSI	NSI	Reported

Hole ID	Hole Type	Prospect	Easting	Northing	RL	Azimuth (degrees)	Dip (degrees)	Hole Depth (m)	Lithium Assays	Gold Assays	REE Assays
RHRC189	RC	Crystal Palace	452870	6579515	404	150	-60	130	NSI	NSI	Not analysed
RHRC190	RC	Crystal Palace	452899	6579473	403	150	-60	148	NSI	NSI	Not analysed
RHRC191	RC	Crystal Palace	452883	6579106	405	150	-55	130	NSI	NSI	Not analysed
RHRC192	RC	Crystal Palace	452937	6579410	404	150	-60	166	NSI	NSI	Not analysed
RHRC193	RC	Crystal Palace	453047	6579501	405	150	-55	130	NSI	NSI	Not analysed
RHRC194	RC	Crystal Palace	453087	6579161	406	150	-60	154	NSI	NSI	Not analysed
RHRC195	RC	Crystal Palace	453036	6579226	418	150	-55	160	Reported	NSI	Not analysed
RHRC200	RC	Crystal Palace	452635	6579500	403	180	-55	124	NSI	NSI	Not analysed
RHRC209	RC	Crystal Palace	453168	6579305	410	150	-60	22	NSI	NSI	Not analysed
RHRC209A	RC	Crystal Palace	453170	6579305	410	150	-55	172	NSI	NSI	Not analysed
RHRC210	RC	Crystal Palace	453214	6579225	409	150	-55	178	NSI	NSI	Not analysed
RHRC211	RC	Crystal Palace	453264	6579139	406	150	-55	166	NSI	NSI	Not analysed
RHRC212	RC	Crystal Palace	453314	6579053	407	150	-55	184	NSI	NSI	Not analysed
RHRC223	RC	Black Cat	456859	6572195	354	270	-60	166	NSI	NSI	Reported
RHRC253	RC	Black Cat	457774	6573659	366	100	-55	154	NSI	NSI	Reported
RHRC254	RC	Black Cat	457877	6573634	365	100	-55	184	NSI	NSI	Reported
RHRC257	RC	Black Cat	458177	6573581	366	280	-55	184	NSI	NSI	Reported
RHRC260	RC	Black Cat	458585	6573527	366	280	-55	184	NSI	NSI	Reported
RHRC299	RC	Blue Jay	452085	6578495	394	270	-60	40	NSI	NSI	NSI
RHRC300	RC	Blue Jay	452180	6578504	397	270	-60	52	NSI	NSI	NSI
RHRC309	RC	Blue Jay	451827	6578205	390	270	-60	28	NSI	NSI	NSI
RHRC310	RC	Blue Jay	451726	6578203	392	270	-60	28	NSI	NSI	NSI
RHRC311	RC	Blue Jay	451628	6578197	393	270	-60	28	NSI	NSI	NSI
RHRC321	RC	Blue Jay	451284	6577901	391	270	-60	28	NSI	NSI	NSI
RHRC322	RC	Blue Jay	451392	6577901	390	270	-60	28	NSI	NSI	NSI
RHRC332	RC	Blue Jay	451956	6579096	401	270	-60	52	NSI	NSI	NSI
RHRC333	RC	Blue Jay	452058	6579095	403	270	-60	40	NSI	NSI	NSI

Table 3: Drillhole information. NSI = No Significant Intercepts

Hole ID	From (m)	To (m)	Interval (m)	TREO (ppm)	Ce2O3 (ppm)	Dy2O3 (ppm)	Er2O3 (ppm)	Eu2O3 (ppm)	Gd2O3 (ppm)	Ho2O3 (ppm)	La2O3 (ppm)	Lu2O3 (ppm)	Nd2O3 (ppm)	Pr6O11 (ppm)	Sc2O3 (ppm)	Sm2O3 (ppm)	Tb4O7 (ppm)	Tm2O3 (ppm)	Y2O3 (ppm)	Yb2O3 (ppm)
RHRC125	36	40	4	**323**	134.9	3.8	1.9	1.9	5.2	0.7	64.3	0.3	40	11.6	33.9	6.6	0.7	0.3	14.7	1.7
RHRC125	40	44	4	**563**	232.5	4.1	1.7	3	7.4	0.7	136.2	0.2	81	24.1	41	11.6	0.9	0.2	17.1	1.3
RHRC125	44	48	4	**2690**	902.6	22.3	9.1	17.1	42.8	3.8	821.8	0.8	500.4	148.4	37	70.7	4.9	1.1	101.6	6
RHRC125	48	52	4	**4110**	928.1	44.4	20.1	31.1	82.2	7.9	1406.7	1.8	909.4	257	30.5	125.4	9.4	2.5	239.6	13.6
RHRC125	52	56	4	**2761**	588.9	36.6	21	20	60.4	7.5	922.7	2.4	540.7	150.2	25	74.9	7.1	2.8	284.9	15.7
RHRC125	56	60	4	**634**	213.6	6.7	4.6	3.5	10.1	1.5	141.7	0.6	95.8	26.7	22.7	13.8	1.2	0.6	87.2	3.3
RHRC125	60	64	4	**548**	219.2	3.8	1.7	3.1	7.4	0.7	139.3	0.2	89	25.9	22.4	12.1	0.8	0.2	21.2	1.4
RHRC125	64	68	4	**791**	321.8	5.1	2.2	4.5	10.4	0.9	196.1	0.3	139.7	41	19.5	18.8	1.2	0.3	28	1.7
RHRC125	68	72	4	**590**	251.5	4.9	2.4	3.4	8.5	0.9	137.4	0.3	92.8	26.8	17.9	13.5	1.1	0.3	26.4	2
RHRC125	72	76	4	**361**	106.8	7.9	4.4	3.4	9.8	1.6	52	0.5	52.6	13	50.9	10.1	1.4	0.6	42.8	3.6
RHRC125	76	80	4	**417**	134.6	7.4	4.3	3.3	9.1	1.5	71.3	0.5	58.5	15.8	53.7	10.4	1.3	0.6	41	3.5
RHRC125	80	84	4	**285**	71.9	7.1	4.2	3	8.1	1.4	34.4	0.5	39	9.4	53.1	8.2	1.2	0.6	39.7	3.4
RHRC125	84	88	4	**305**	78.6	7.9	4.6	3.1	9.1	1.6	37.7	0.6	43.1	10.2	50.3	8.9	1.3	0.7	43.2	3.8
RHRC125	88	92	4	**402**	122.7	8.8	5	3.5	10.3	1.8	63.8	0.6	56.3	14.7	49.5	10.7	1.6	0.7	48.2	4
RHRC125	92	96	4	**371**	99.3	9.8	5.6	3.9	12	2	46.6	0.6	56.5	13.2	48.8	11.8	1.8	0.8	54.4	4.4
RHRC125	96	100	4	**423**	119.7	10.8	6.1	4.5	12.7	2.2	58.1	0.7	64.6	15.8	47.2	13.3	1.9	0.8	60	5
RHRC125	100	104	4	**411**	117.2	10.9	6	4.5	12.8	2.1	55.4	0.7	63.6	15.1	41.7	12.6	1.9	0.8	60.3	5
RHRC125	104	108	4	**397**	114.8	10.2	5.8	4.3	12	2.1	55.8	0.7	59.8	14.8	40.2	12.6	1.8	0.8	57	4.8
RHRC125	108	112	4	**382**	107.9	10	5.7	4.2	11.9	2	51.6	0.7	58.6	14.1	40.2	11.9	1.8	0.8	55.6	4.7
RHRC125	112	116	4	**383**	107.8	9.9	5.6	4.2	11.6	2	52	0.7	58.1	14.1	43.1	11.8	1.7	0.8	54.7	4.6
RHRC125	116	120	4	**370**	101.4	9.7	5.4	4.1	11.6	1.9	47.8	0.7	55.9	13.3	44.5	11.7	1.7	0.8	54.6	4.6
RHRC125	120	124	4	**356**	96.3	9.4	5.2	3.7	11.1	1.9	45.1	0.6	53.1	12.7	46.8	11.2	1.7	0.7	51.9	4.3
RHRC125	124	128	4	**325**	90	8.2	4.7	3.4	9.7	1.7	44.7	0.6	47.6	11.4	41.3	9.8	1.5	0.7	46	3.9
RHRC125	128	132	4	**345**	91.5	9	5.1	3.6	10.4	1.8	44.2	0.6	49.7	11.9	50.5	10.5	1.6	0.7	49.5	4.2
RHRC125	132	136	4	**314**	83.7	8.2	4.7	3.4	9.3	1.6	40.4	0.6	45.2	10.8	46.5	9.3	1.4	0.6	44.8	3.7
RHRC125	136	140	4	**298**	77.4	7.8	4.4	3.1	9.1	1.6	36.7	0.6	42.2	10.2	47.5	9.1	1.4	0.6	42.6	3.6
RHRC125	140	144	4	**289**	74.7	7.6	4.2	3	8.6	1.5	35.8	0.5	40.9	9.8	47.7	8.5	1.3	0.6	41.1	3.5
RHRC125	144	148	4	**275**	69.4	7.1	4	2.9	7.9	1.4	33.3	0.5	38.3	9.1	48.9	8	1.2	0.6	38.9	3.4
RHRC125	148	152	4	**263**	63.9	6.7	3.9	2.7	7.7	1.3	30.8	0.5	35.4	8.5	52	7.4	1.2	0.5	37.5	3.2
RHRC125	152	154	2	**294**	76	7.8	4.4	3.1	8.9	1.5	35.5	0.5	42	10	48.2	9	1.3	0.6	41.5	3.7
RHRC126	40	44	4	**513**	168.5	7.7	3.8	3.5	10.1	1.4	113.3	0.5	79.8	22.9	48.6	13.3	1.4	0.5	34.6	3
RHRC126	44	48	4	**1145**	383.6	10.2	4.9	6.8	16.6	1.9	312.9	0.5	215.5	66.5	38.7	29.5	2.1	0.7	51	3.7
RHRC126	48	52	4	**2457**	1385.2	11.7	5.6	8.9	20.4	2.1	469.5	0.6	306.2	96.6	44.8	39.5	2.4	0.8	58.6	4.5
RHRC126	52	56	4	**3848**	1293.9	28.4	13	21.7	51.6	5	1198.3	1.3	718.2	226.4	43.3	93.1	6.1	1.7	136.4	9.7

Hole ID	From (m)	To (m)	Interval (m)	TREO (ppm)	Ce2O3 (ppm)	Dy2O3 (ppm)	Er2O3 (ppm)	Eu2O3 (ppm)	Gd2O3 (ppm)	Ho2O3 (ppm)	La2O3 (ppm)	Lu2O3 (ppm)	Nd2O3 (ppm)	Pr6O11 (ppm)	Sc2O3 (ppm)	Sm2O3 (ppm)	Tb4O7 (ppm)	Tm2O3 (ppm)	Y2O3 (ppm)	Yb2O3 (ppm)
RHRC126	56	60	4	**1382**	493.1	10	4.7	7.8	16.7	1.8	383.1	0.6	270	84.8	23.8	34.8	2.1	0.7	43.9	4.4
RHRC126	60	64	4	**1666**	211.6	25.9	13.9	14.1	41.1	5.1	621.7	1.6	387.7	104.9	21.8	54	5	2	144.1	11.4
RHRC126	64	68	4	**514**	150.9	7.2	4.7	3.1	10.1	1.6	134.3	0.6	80.6	22	17.9	11.7	1.3	0.7	63.5	3.8
RHRC126	76	80	4	**780**	356.3	3.5	1.8	2.6	6.3	0.7	194.9	0.2	120.7	38.9	19.6	12.2	0.7	0.3	19.3	1.5
RHRC126	80	84	4	**395**	161.8	3.3	1.7	2	5.2	0.6	89.6	0.2	63.5	18.5	20.1	8.2	0.7	0.3	17.6	1.4
RHRC126	92	96	4	**338**	137.9	3.4	1.7	2	5.4	0.6	71.1	0.2	54.4	15.4	17.3	8.2	0.7	0.2	17.8	1.5
RHRC126	96	100	4	**465**	185.8	3.7	1.9	2.5	6.5	0.7	106.1	0.2	81.2	23.4	18.9	10.5	0.8	0.3	20.7	1.5
RHRC126	100	104	4	**2457**	1120.8	7.5	3	9.5	20.5	1.2	636.8	0.3	425.5	131.8	14	43.8	1.9	0.4	38.2	2.2
RHRC126	104	108	4	**421**	174.1	3.5	1.8	2.3	6	0.6	90.8	0.2	70.8	20.1	19.2	9.6	0.7	0.2	19.5	1.5
RHRC126	108	112	4	**332**	130.1	3.4	1.7	2	5.5	0.6	71.7	0.2	54	15	19.3	8	0.7	0.3	18.4	1.5
RHRC126	112	116	4	**269**	100.3	3.3	1.7	1.7	5	0.6	54.1	0.2	44.7	12.1	19	6.8	0.6	0.2	17.4	1.4
RHRC126	116	120	4	**472**	196.8	3.7	1.9	2.6	6.6	0.7	104.7	0.2	79.4	23.1	19.6	10.7	0.8	0.3	19.7	1.6
RHRC126	120	124	4	**302**	118.2	3.2	1.6	1.9	5	0.6	63.1	0.2	49.8	13.8	17.8	7.6	0.6	0.2	17.2	1.4
RHRC126	124	128	4	**488**	203.3	3.6	1.8	2.6	6.5	0.7	112.9	0.2	82	23.3	19	10.9	0.7	0.3	19.1	1.6
RHRC126	128	132	4	**367**	146.3	3.5	1.8	2	5.5	0.7	87.1	0.2	56.5	16.2	18.3	8.1	0.7	0.3	18.7	1.5
RHRC126	132	136	4	**948**	422.9	4.4	1.9	4.2	10.1	0.7	230.4	0.2	162.3	47.2	17.9	19.5	1	0.3	22.7	1.5
RHRC126	136	140	4	**888**	385	4.9	2	4.4	10.5	0.8	216.4	0.2	153.7	44.2	18.6	19.1	1.1	0.3	24.8	1.7
RHRC126	140	144	4	**641**	276	3.9	2	2.4	6.3	0.7	187.6	0.2	83.3	26.6	17.8	10.1	0.8	0.3	21.2	1.7
RHRC126	144	148	4	**613**	255.3	3.9	2	2.4	6.2	0.7	181.3	0.3	81.9	26.1	18.3	10.2	0.8	0.3	21.2	1.7
RHRC126	148	152	4	**468**	190.3	3.7	1.9	2.2	6	0.7	122.9	0.3	68.9	20.5	17.6	9.4	0.8	0.3	20.5	1.7
RHRC126	152	154	2	**359**	137.3	3.5	1.9	1.9	5.3	0.7	94.5	0.3	51.3	15	18.1	7.7	0.7	0.3	19.4	1.7
RHRC127	40	44	4	**2555**	1317.6	11.3	5.3	10	20.9	1.9	559.6	0.7	380.7	127.3	19.2	45.5	2.4	0.8	46.8	5
RHRC127	44	48	4	**3117**	1497.9	16.7	7.4	14.3	34	2.8	704.7	0.9	512.2	155.1	16.1	63.4	3.7	1	81.1	6.1
RHRC127	48	52	4	**1929**	796.7	18.8	10.1	10.4	30.7	3.7	459.6	1.1	317.8	87.9	19.3	40.5	3.7	1.4	119.8	7.5
RHRC127	52	56	4	**427**	169.4	3.5	1.7	2.2	5.9	0.6	102.1	0.2	69.2	20.1	20.9	9.3	0.7	0.3	18.9	1.5
RHRC127	56	60	4	**259**	97.2	2.9	1.6	1.6	4.5	0.6	53.7	0.2	41.9	11.7	19.3	6.3	0.6	0.2	15.5	1.4
RHRC127	60	64	4	**685**	316	4.4	2	3.3	8.3	0.8	145.2	0.2	112.5	32.6	19.9	14.2	0.9	0.3	22.6	1.6
RHRC127	64	68	4	**635**	267.3	4.1	1.8	3.6	8.8	0.7	140.1	0.2	120.6	33.7	16.4	15.8	0.9	0.2	19.4	1.4
RHRC127	68	72	4	**1153**	570.4	5.8	2.5	5.1	12	1	238.2	0.3	189.2	55.3	17.8	22.7	1.3	0.3	29.7	2
RHRC127	72	76	4	**797**	352.8	4.2	2	3.8	8.7	0.7	183.7	0.2	139.3	40.5	19.8	16.6	1	0.3	22	1.6
RHRC127	76	80	4	**280**	104	3.3	1.7	1.9	5.2	0.6	54.3	0.2	47.8	12.9	19.9	7.4	0.7	0.2	18.1	1.4
RHRC127	80	84	4	**390**	167.5	3.5	1.8	2.1	5.7	0.7	76.7	0.2	61.8	17.6	21.8	9	0.7	0.3	19.2	1.6
RHRC127	84	88	4	**1005**	452.4	4.5	2.1	4	9.4	0.8	262.9	0.3	157.5	49.6	17.6	18.3	1	0.3	23.1	1.5
RHRC127	88	92	4	**765**	338.7	5.2	2.3	4.2	10.2	0.9	178.7	0.3	125.3	36.5	16.1	17.2	1.1	0.3	25.8	1.8

Hole ID	From (m)	To (m)	Interval (m)	TREO (ppm)	Ce2O3 (ppm)	Dy2O3 (ppm)	Er2O3 (ppm)	Eu2O3 (ppm)	Gd2O3 (ppm)	Ho2O3 (ppm)	La2O3 (ppm)	Lu2O3 (ppm)	Nd2O3 (ppm)	Pr6O11 (ppm)	Sc2O3 (ppm)	Sm2O3 (ppm)	Tb4O7 (ppm)	Tm2O3 (ppm)	Y2O3 (ppm)	Yb2O3 (ppm)
RHRC127	92	96	4	**568**	238.7	3.5	1.8	2.3	6	0.7	154	0.2	82.5	26.1	21	9.7	0.7	0.2	19.2	1.5
RHRC127	96	100	4	**1073**	496.6	4.8	2.1	4.1	10	0.8	263.3	0.3	167.5	52.4	25	19.1	1.1	0.3	24	1.6
RHRC127	100	104	4	**898**	404	4.9	2.1	4.2	10.3	0.8	215.7	0.3	147.1	44.2	16.9	18.1	1.1	0.3	26	1.7
RHRC127	104	108	4	**983**	437.7	5	2	4.5	10.7	0.8	237.6	0.2	168.7	51.3	16.4	20.5	1.1	0.3	24.3	1.6
RHRC127	108	112	4	**2838**	1343.3	12.9	4.8	14.3	32.2	2	602.8	0.4	531.4	156.8	8.6	63.4	3.2	0.6	58.2	3.1
RHRC127	112	116	4	**1971**	881.3	12.1	4.7	11.4	27.5	1.9	457.1	0.5	353.6	100.3	4	48.8	3	0.6	61.2	3.3
RHRC127	116	120	4	**1855**	841.5	8.5	3.4	8	18.6	1.4	517.1	0.3	281.2	89.3	2.9	34.5	2	0.4	43.2	2.4
RHRC127	120	124	4	**2048**	971.1	6.3	2.6	7.3	16.1	1	499.1	0.3	348.7	107.6	16.4	34.8	1.5	0.3	32.3	2
RHRC127	124	128	4	**988**	448.4	4.4	1.9	4	9.5	0.8	242.5	0.2	163.5	49	19.8	18.7	1	0.3	22.4	1.6
RHRC127	128	132	4	**471**	197	3.5	1.7	2.4	6	0.6	108.1	0.2	78.8	23.3	19	10	0.7	0.2	18.3	1.4
RHRC127	132	136	4	**499**	202.4	3.4	1.7	2.3	5.8	0.6	128.6	0.2	78.8	24.3	20.2	9.9	0.7	0.3	18.7	1.4
RHRC127	136	140	4	**2008**	854.9	14.9	5.4	13.9	34.8	2.3	436.7	0.5	395.4	106.7	5.2	59.2	3.6	0.7	70.5	3.6
RHRC127	140	144	4	**1294**	600.8	5.6	2.2	6.1	14.1	0.9	304.6	0.2	225.7	66.5	8.6	27.4	1.4	0.3	27.6	1.6
RHRC127	144	148	4	**698**	313.3	3.6	1.7	2.9	6.8	0.6	165.9	0.2	114.7	34.9	18.1	13.2	0.8	0.2	19.4	1.4
RHRC127	148	152	4	**987**	427.2	6.7	2.6	6.3	15.3	1.1	206.1	0.3	193.2	52.7	10.6	27.2	1.6	0.3	34.1	1.9
RHRC127	152	154	2	**1171**	526.7	6.2	2.5	6.2	14.7	1	275	0.2	208.5	61	6.6	27.1	1.5	0.3	31.8	1.8
RHRC128	32	36	4	**384**	220.3	2.2	1.3	1.3	3.1	0.4	68.2	0.2	34.8	12.3	22.7	4.9	0.4	0.2	10.4	1.5
RHRC128	36	40	4	**863**	519.1	3.2	1.6	2.8	6.1	0.5	133.8	0.2	98.1	31.7	37.9	12.9	0.7	0.3	12.2	1.6
RHRC128	40	44	4	**2283**	1749.8	5.1	2.1	4.1	9.3	0.8	210	0.3	156	52.4	51.7	19.8	1.1	0.3	18.4	2
RHRC128	44	48	4	**3044**	2074.2	9.9	3.8	9.1	19.7	1.5	379.3	0.5	324.4	101.8	38.3	41.9	2.2	0.5	33.5	3.4
RHRC128	48	52	4	**2887**	1443	20.1	7.8	16.9	39.4	3.1	524.2	0.9	511.3	148.7	10.3	75.2	4.4	1.1	74.4	6.6
RHRC128	52	56	4	**2460**	1518.7	13.7	5.8	9.3	22.1	2.3	348.8	0.6	307.7	96.4	32.1	40.5	2.7	0.8	54.4	4.3
RHRC128	56	60	4	**1270**	307.8	12	5.4	8.7	23.4	2.1	379.8	0.6	305.7	88.9	22.7	37.3	2.5	0.7	68.1	4.2
RHRC128	60	64	4	**2395**	502.8	33.5	16.5	17.4	60.8	6.1	809.2	1.8	477.5	121.8	24.7	62.6	6.6	2.2	239.7	12
RHRC128	64	68	4	**709**	275.7	4.7	2.2	3.4	8.8	0.8	187.9	0.3	120	36.2	21.8	14.9	1	0.3	28.7	1.8
RHRC128	68	72	4	**520**	216.2	4.1	1.9	2.6	6.7	0.7	125	0.3	81.1	24.8	21.6	10.7	0.8	0.3	21.9	1.7
RHRC128	72	76	4	**390**	155	4.2	2	2.5	6.6	0.7	81.5	0.2	64.4	19	19.9	10.1	0.8	0.3	21.2	1.7
RHRC128	84	88	4	**379**	152.3	3.5	1.8	2	5.5	0.7	87.4	0.2	60.4	17.9	18.6	8.5	0.7	0.3	18.1	1.6
RHRC128	88	92	4	**333**	136.1	3.5	1.7	1.9	5.3	0.6	72.8	0.2	51.4	15	16.9	7.7	0.6	0.3	17.3	1.5
RHRC128	92	96	4	**278**	101.4	3.8	2	1.9	5.5	0.7	55.3	0.3	46.7	13.1	18.7	7.6	0.7	0.3	18.8	1.6
RHRC128	96	100	4	**322**	125	3.7	1.9	1.9	5.3	0.7	71.2	0.2	50.8	14.9	17.6	7.7	0.7	0.3	18.4	1.6
RHRC128	100	104	4	**340**	133.6	3.8	1.9	2	5.6	0.7	76.9	0.2	52.5	15.3	17.8	8	0.7	0.3	18.9	1.6
RHRC128	104	108	4	**475**	192.1	3.6	1.8	2.1	5.4	0.7	131	0.2	60.9	19.8	27.8	8.2	0.7	0.3	18.8	1.5
RHRC128	108	112	4	**517**	215.7	3.5	1.7	2.1	5.4	0.6	147.9	0.2	65.1	21.7	25.3	8	0.7	0.2	17.9	1.4

Hole ID	From (m)	To (m)	Interval (m)	TREO (ppm)	Ce2O3 (ppm)	Dy2O3 (ppm)	Er2O3 (ppm)	Eu2O3 (ppm)	Gd2O3 (ppm)	Ho2O3 (ppm)	La2O3 (ppm)	Lu2O3 (ppm)	Nd2O3 (ppm)	Pr6O11 (ppm)	Sc2O3 (ppm)	Sm2O3 (ppm)	Tb4O7 (ppm)	Tm2O3 (ppm)	Y2O3 (ppm)	Yb2O3 (ppm)
RHRC128	112	116	4	**301**	120	3.4	1.7	1.7	4.8	0.6	64.7	0.2	46.2	13.6	18.3	6.9	0.6	0.2	16.9	1.5
RHRC128	116	120	4	**267**	96.9	3.7	1.9	1.7	5.1	0.7	56.5	0.2	43.4	12.1	17.2	6.7	0.7	0.3	18.2	1.6
RHRC128	120	124	4	**280**	101.4	3.7	1.9	1.9	5.7	0.7	58.9	0.2	48.3	13.2	15.2	7.7	0.7	0.3	18.9	1.6
RHRC128	124	128	4	**307**	113	3.8	1.9	1.9	5.6	0.7	69	0.3	52	14.7	15	7.6	0.7	0.3	18.9	1.6
RHRC128	128	132	4	**313**	108.4	4.1	2	1.9	5.7	0.7	71.8	0.3	49.4	14	23.9	7.6	0.7	0.3	20.8	1.6
RHRC128	136	140	4	**380**	154.5	2.8	1.4	1.9	4.7	0.5	106.6	0.1	56.3	17.5	11.8	7.3	0.6	0.2	12.7	1.1
RHRC128	140	144	4	**393**	155.3	3.5	1.7	2	5.1	0.6	106.9	0.2	54.1	16.9	20.1	7.5	0.6	0.2	16.5	1.4
RHRC128	144	148	4	**321**	119.6	3.5	1.8	2	5.2	0.6	80.1	0.2	48.9	14.2	18.3	7.2	0.7	0.2	17	1.4
RHRC128	148	152	4	**451**	169.9	3.9	1.9	2.3	6.2	0.7	128.5	0.2	66.7	20.4	19.8	8.9	0.8	0.3	19.4	1.5
RHRC129	44	48	4	**381**	161.2	5.2	2.8	2.4	7	0.9	67.5	0.3	56.8	16.3	21.3	9.2	1	0.4	25.9	2.4
RHRC129	100	104	4	**262**	103	3.3	1.7	1.7	5.1	0.6	48.2	0.2	43.8	12.1	16.1	6.9	0.6	0.2	17	1.5
RHRC129	124	128	4	**264**	100	3.4	1.8	1.6	5.2	0.6	49.1	0.2	43	11.5	19.8	6.7	0.6	0.3	18.8	1.5
RHRC129	128	132	4	**348**	140	4	2	2.2	6.5	0.7	63.5	0.2	62.3	16.3	18.1	9.3	0.8	0.3	20.8	1.5
RHRC129	132	136	4	**295**	113.1	3.7	1.9	1.8	5.7	0.7	54.5	0.2	49.4	12.9	21	7.5	0.7	0.3	19.7	1.5
RHRC129	136	140	4	**325**	129.9	3.5	1.8	1.7	5.3	0.6	72.9	0.2	48.5	13.8	18.1	7	0.6	0.2	19	1.4
RHRC130	44	48	4	**542**	218.5	8.8	4.7	3.5	11.5	1.6	100.3	0.5	78.9	21.9	23.5	13.6	1.7	0.6	49	3.8
RHRC130	48	52	4	**262**	96.4	3.8	2.3	1.6	4.8	0.8	43.8	0.3	41.1	10.9	21	6.7	0.7	0.3	24.9	2.1
RHRC130	52	56	4	**280**	101.3	4	2.2	2	5.9	0.8	49.4	0.3	47.4	12.3	20.9	8	0.8	0.3	22.6	1.8
RHRC130	56	60	4	**275**	100.9	4.1	2.1	1.9	5.8	0.7	48.6	0.3	44.9	12.2	20.1	7.6	0.7	0.3	22.5	1.8
RHRC130	64	68	4	**372**	145.1	4.2	2.1	2.2	6.6	0.8	80.3	0.3	55.6	16.2	24.8	8.8	0.8	0.3	21.7	1.8
RHRC130	108	112	4	**322**	126.6	3.7	1.9	1.9	5.7	0.7	68.1	0.2	49.4	14.1	19.6	7.5	0.7	0.3	20.4	1.7
RHRC130	112	116	4	**266**	103.6	3.4	1.9	1.8	5.1	0.7	50.3	0.2	42	12	17.2	6.7	0.6	0.3	18.5	1.6
RHRC130	116	120	4	**394**	161.4	3.8	2	2.1	5.8	0.7	90.5	0.3	58.5	17.5	19.5	8.2	0.7	0.3	20.7	1.7
RHRC130	120	124	4	**367**	143.1	3.8	2	2.2	5.7	0.7	86	0.3	54.9	16	20.6	7.9	0.7	0.3	20.8	1.7
RHRC130	124	128	4	**310**	98.2	6.5	3.6	2.6	7.8	1.2	50.5	0.4	44	11.9	35.1	8.3	1.1	0.5	35	3.1
RHRC130	128	132	4	**665**	267.3	7.9	3.3	5.3	15	1.2	129.4	0.3	118.1	32.5	21.9	21.1	1.6	0.4	37.7	2.4
RHRC130	140	142	2	**309**	122.2	3.7	1.9	1.9	5.7	0.7	60.3	0.2	50.4	14.4	17.6	7.7	0.7	0.3	19.9	1.7
RHRC131	44	48	4	**277**	101.5	4.5	2.5	1.8	5.5	0.9	56.5	0.3	42.2	11.8	15.5	6.8	0.8	0.3	24.4	2.1
RHRC131	48	52	4	**336**	141.1	4.4	2.3	2.1	6.3	0.8	54.8	0.2	51.8	14	21.5	8.8	0.9	0.3	24.9	1.7
RHRC131	60	64	4	**271**	97.5	3.7	1.9	1.7	5.2	0.7	54.9	0.2	43.4	11.4	20.6	7.2	0.7	0.3	19.6	1.6
RHRC131	72	76	4	**251**	89.1	3.5	1.9	1.6	4.9	0.6	49.3	0.3	40.3	10.8	19.9	6.9	0.7	0.3	19.4	1.7
RHRC131	76	80	4	**306**	119.7	3.2	1.8	1.7	5.1	0.6	67.5	0.2	47.6	13.3	17.2	7.2	0.7	0.2	17.9	1.6
RHRC131	80	84	4	**374**	149.5	4	2.1	2.3	6.6	0.7	74.2	0.3	64.3	17.6	18.6	10	0.8	0.3	21.3	1.8
RHRC131	84	88	4	**259**	94.3	3.7	1.9	1.8	5.4	0.7	48.3	0.2	43	11.4	19.2	7.2	0.7	0.3	19	1.7

Hole ID	From (m)	To (m)	Interval (m)	TREO (ppm)	Ce2O3 (ppm)	Dy2O3 (ppm)	Er2O3 (ppm)	Eu2O3 (ppm)	Gd2O3 (ppm)	Ho2O3 (ppm)	La2O3 (ppm)	Lu2O3 (ppm)	Nd2O3 (ppm)	Pr6O11 (ppm)	Sc2O3 (ppm)	Sm2O3 (ppm)	Tb4O7 (ppm)	Tm2O3 (ppm)	Y2O3 (ppm)	Yb2O3 (ppm)
RHRC131	88	92	4	**261**	94.8	3.7	2	1.9	5.6	0.7	45	0.2	45.4	11.7	19.6	7.4	0.7	0.3	20.3	1.7
RHRC131	96	100	4	**636**	253.8	7.1	2.8	4.9	14.1	1.1	126.4	0.3	117.5	30.7	18.9	20.1	1.6	0.3	33.9	2
RHRC131	100	104	4	**351**	134	4.4	2.1	2.7	7.5	0.8	65.3	0.3	62.2	16.4	18.6	10.7	1	0.3	23.1	1.7
RHRC131	104	108	4	**267**	98.2	3.6	1.9	1.8	5.3	0.6	52	0.2	43.4	11.6	18.9	7.1	0.7	0.3	19.6	1.7
RHRC131	108	112	4	**265**	96.7	3.7	2	1.8	5.3	0.7	51.7	0.3	43.1	11.5	18.6	7.2	0.7	0.3	20	1.7
RHRC131	112	116	4	**347**	133.5	4.1	2.1	2.1	6.4	0.8	71.4	0.3	56.2	15.4	20.1	9.3	0.8	0.3	21.9	1.8
RHRC131	116	120	4	**268**	98.6	3.5	1.9	1.8	5.2	0.6	53	0.2	44.6	11.7	17.9	7.3	0.7	0.2	18.7	1.7
RHRC131	124	128	4	**295**	103	4.6	2.5	2	6.2	0.9	57	0.3	45.1	12.1	25.5	7.6	0.9	0.3	25	2.1
RHRC131	128	132	4	**274**	100.8	3.6	1.9	1.7	5.1	0.7	57.2	0.2	42.6	11.5	19.8	7.1	0.7	0.3	19.2	1.7
RHRC131	132	136	4	**315**	121.5	3.5	1.8	1.8	5.3	0.6	73.4	0.2	47.2	13.3	17.9	7.5	0.7	0.3	18.8	1.5
RHRC131	136	140	4	**330**	120.1	4.4	2.1	2.4	7.1	0.8	65.4	0.3	55.6	14.4	21.5	9.7	0.9	0.3	22.9	1.8
RHRC131	140	142	2	**266**	97.9	3.4	1.9	1.8	5.2	0.6	53.3	0.2	43.2	11.6	18.6	7.1	0.7	0.2	19.1	1.6
RHRC132	44	48	4	**291**	84.8	6.5	3.6	2.3	7.4	1.3	52.4	0.5	48.3	13.1	23	8.4	1.1	0.5	34.4	3.5
RHRC132	48	52	4	**379**	141.3	6.4	3.7	2.5	11.5	1.3	62.4	0.4	58.2	15.6	19.3	9.9	1.1	0.5	41.3	3.1
RHRC132	52	56	4	**304**	104.4	5.5	3	2.2	7.1	1.1	48.2	0.4	51.5	13.5	20.2	8.9	1	0.4	33.8	2.8
RHRC132	56	60	4	**478**	189.7	5.1	2.6	2.7	7.9	0.9	99.2	0.3	84.2	23.7	18.4	12	1	0.4	28.2	2.1
RHRC132	80	84	4	**778**	303.1	8.8	3.2	6.1	16.7	1.3	163.8	0.3	146	40.3	18.9	25.3	2	0.4	38.9	2.4
RHRC132	88	92	4	**266**	97.2	3.6	1.8	1.8	5	0.7	53.9	0.3	43.7	12.2	17.5	7.2	0.7	0.3	18.8	1.6
RHRC132	92	96	4	**284**	106.5	3.6	1.9	1.8	5.1	0.7	62.7	0.3	44	12.7	17.2	7.1	0.7	0.3	18.3	1.7
RHRC132	96	100	4	**277**	98.2	4.2	2	2.1	6	0.8	53.3	0.3	46.7	12.7	19.6	8.1	0.8	0.3	20.7	1.7
RHRC132	100	104	4	**395**	152.1	4.5	2	2.6	7	0.8	87.2	0.3	64.6	18.5	21.3	10.3	0.9	0.3	21.5	1.7
RHRC132	104	108	4	**277**	101.1	3.6	1.8	1.8	5	0.7	61.4	0.2	43.5	12.3	17.6	6.9	0.6	0.3	18.1	1.6
RHRC132	108	112	4	**274**	100.7	3.6	1.8	1.7	5	0.7	58.3	0.2	43.9	12.2	17.5	6.9	0.6	0.3	18.4	1.7
RHRC132	136	140	4	**309**	116.4	3.4	1.8	1.6	4.8	0.6	78	0.2	42.2	12.9	19	6.3	0.6	0.3	18.8	1.7
RHRC132	140	144	4	**266**	95.1	3.7	1.8	1.6	4.9	0.7	56.8	0.2	42.1	11.6	19.2	6.8	0.6	0.3	18.5	1.7
RHRC132	148	152	4	**321**	123.5	3.7	1.8	1.9	5.4	0.7	69.6	0.2	52.1	14.9	17.8	7.6	0.7	0.3	19	1.7
RHRC132	152	154	2	**379**	149.9	3.7	1.9	2.1	5.8	0.7	85.8	0.3	62.7	18	17.3	9.1	0.8	0.3	19.1	1.7
RHRC133	48	52	4	**519**	241.6	3.9	1.9	2.2	6.1	0.7	113.8	0.3	68.9	21.4	28.2	9.1	0.8	0.3	18.1	1.7
RHRC133	52	56	4	**658**	294.2	4.6	2	2.6	7.6	0.8	164.3	0.2	82.8	27.5	39.1	10.7	0.9	0.3	18.5	1.5
RHRC133	56	60	4	**600**	203.9	7	3.1	3.6	11.9	1.2	144.9	0.3	107.3	31.2	34.7	14.3	1.4	0.4	32.5	2.1
RHRC133	60	64	4	**533**	283	3.1	1.5	1.9	5.4	0.5	90.8	0.2	59.5	18.1	45.2	7.8	0.6	0.2	13.8	1.3
RHRC133	64	68	4	**393**	178.5	3	1.3	2	5.7	0.5	71	0.2	63.3	17.7	29.1	8.4	0.6	0.2	11	1
RHRC133	68	72	4	**435**	229.3	3.2	1.3	2.1	5.7	0.5	64.5	0.1	59.5	16.4	30.1	8.6	0.7	0.2	11.3	1.1
RHRC133	72	76	4	**807**	280.3	16.6	9.5	7	22.4	3.2	112.7	1.1	155.4	36.5	23.9	26.9	2.9	1.3	100.4	7.5

Hole ID	From (m)	To (m)	Interval (m)	TREO (ppm)	Ce2O3 (ppm)	Dy2O3 (ppm)	Er2O3 (ppm)	Eu2O3 (ppm)	Gd2O3 (ppm)	Ho2O3 (ppm)	La2O3 (ppm)	Lu2O3 (ppm)	Nd2O3 (ppm)	Pr6O11 (ppm)	Sc2O3 (ppm)	Sm2O3 (ppm)	Tb4O7 (ppm)	Tm2O3 (ppm)	Y2O3 (ppm)	Yb2O3 (ppm)
RHRC133	76	80	4	**319**	121.7	4.3	2.4	1.9	5.9	0.8	58.7	0.3	49.7	13.4	21.8	7.6	0.8	0.3	27.6	2
RHRC133	88	92	4	**267**	106	3.6	2	1.7	5.3	0.7	47.2	0.2	42.9	11.6	17	6.8	0.7	0.3	19.9	1.6
RHRC133	92	96	4	**292**	116.3	3.5	1.9	1.8	5.3	0.6	58.2	0.2	46.4	12.8	15.3	7.3	0.7	0.3	19.8	1.5
RHRC133	96	100	4	**289**	113.7	3.9	2	1.8	5.5	0.7	49.8	0.2	49.1	13	18.7	7.3	0.7	0.3	20.4	1.7
RHRC133	100	104	4	**299**	109.8	4.5	2.3	2.2	6.3	0.9	49.5	0.3	49.7	13	24.7	7.8	0.8	0.3	24.6	2
RHRC133	104	108	4	**622**	287.5	3.8	1.9	2.6	6.8	0.7	122.8	0.2	107.3	32.2	22.2	11.4	0.8	0.3	19.9	1.6
RHRC133	112	116	4	**260**	104.1	2.9	1.5	1.6	4.5	0.5	48.5	0.2	42.4	11.6	18.1	6.1	0.6	0.2	15.9	1.2
RHRC133	132	136	4	**285**	110.7	3.5	1.9	1.8	5.5	0.6	49.9	0.2	48.1	12.9	21.2	7.2	0.7	0.3	19	1.4
RHRC133	148	152	4	**255**	78.2	5.4	3	2.1	6.8	1	35.1	0.4	38.7	9.6	33	7.2	0.9	0.4	30.9	2.4
RHRC134	56	60	4	**268**	103.6	2.9	1.5	2.1	5.1	0.5	45.5	0.2	62.6	16.2	1.2	9.8	0.6	0.2	14	1.5
RHRC134	60	64	4	**263**	105.1	3.5	1.8	2.2	5.4	0.6	40.8	0.3	60.4	15.4	1.4	10.1	0.7	0.3	13.6	1.8
RHRC134	64	68	4	**803**	203.2	12.2	5.8	8.3	23.2	2.1	164	0.6	217.1	53.7	1.4	35.3	2.6	0.8	67.8	4.6
RHRC134	72	76	4	**703**	252.7	9.8	4.8	6	17.6	1.7	126	0.6	155.1	38.2	1.2	25.5	2	0.7	57.1	3.8
RHRC134	76	80	4	**520**	149.9	11.4	5.4	6.6	19.5	2	74.7	0.5	128.2	30	11.4	25.3	2.3	0.6	48.8	3.8
RHRC134	80	84	4	**886**	263.8	12.7	6.2	7.4	22.2	2.2	193.1	0.7	196	51.6	14.1	30.8	2.6	0.8	76.8	4.7
RHRC134	84	88	4	**292**	111.8	3.3	1.6	1.9	5.3	0.5	58.6	0.2	49.3	13.8	18.3	7.9	0.7	0.2	17.5	1.3
RHRC134	88	92	4	**294**	126.3	2.8	1.2	1.9	5.1	0.5	55.1	0.1	53.5	14.9	9.8	8	0.6	0.1	13.3	0.9
RHRC134	92	96	4	**336**	146.3	3.1	1.3	2.3	6.4	0.5	60.5	0.1	65.6	18.4	5.1	10.1	0.7	0.2	14.6	1.1
RHRC134	96	100	4	**275**	121.9	2.7	1.1	2.1	5.5	0.4	45.8	0.1	55.8	15.5	2.3	9	0.6	0.1	11.1	0.8
RHRC134	100	104	4	**256**	112.3	2.4	1	1.8	4.8	0.4	50.3	0.1	48.4	13.4	1.7	7.9	0.5	0.1	10.7	0.8
RHRC134	104	108	4	**320**	135	3.2	1.3	2.3	5.7	0.5	65.9	0.1	56.6	15.4	9.5	8.8	0.6	0.2	14.2	1
RHRC134	124	128	4	**428**	189.4	3.5	1.3	2.7	7.3	0.5	90.6	0.1	77.5	22.4	2.3	12	0.7	0.2	16.5	0.9
RHRC134	128	130	2	**474**	210.3	3.7	1.4	3	7.9	0.5	98.8	0.2	88.4	24.8	2.3	13	0.8	0.2	17.6	1.1
RHRC135	36	40	4	**261**	171.2	4.6	3.2	0.7	2.7	1	4.9	0.4	6.6	1.6	32.1	2.3	0.6	0.5	25.8	3.1
RHRC135	48	52	4	**476**	346.4	5.4	3.6	1.5	5	1.1	25.5	0.4	26.5	7.2	5.4	5.4	0.9	0.5	38	2.9
RHRC135	52	56	4	**2505**	1167.9	19	7.9	14.4	36.6	3	478.9	0.7	459.4	135.6	9.2	67.6	4.1	0.9	94.5	5.6
RHRC135	56	60	4	**1297**	585.8	12	5.5	7.7	21.2	2	262.7	0.6	221.5	64.3	6.1	34.7	2.5	0.7	65.5	3.9
RHRC135	60	64	4	**766**	206.8	13	6.1	7.4	23.5	2.3	156.4	0.6	190.7	48.3	2.5	30.7	2.6	0.7	70.4	4
RHRC135	64	68	4	**1145**	327	16.4	7.8	9	29.2	2.9	274	0.8	248.9	65.6	12.1	37.7	3.3	1	103.4	5.8
RHRC135	72	76	4	**379**	160	4	1.9	2.4	7	0.7	70.7	0.2	69.9	19.5	6.4	10.3	0.8	0.2	23.8	1.4
RHRC135	76	80	4	**363**	154.7	3.5	1.7	2.2	6.3	0.6	70.1	0.2	63.1	18	11.7	9.6	0.7	0.2	18.7	1.3
RHRC135	80	84	4	**347**	154.4	2.9	1.3	2.1	5.7	0.5	69.6	0.2	63.5	18.7	2.1	9.5	0.6	0.2	15.2	1
RHRC135	84	88	4	**369**	160.6	3.2	1.5	2.2	5.9	0.6	72.5	0.2	65.8	19.1	9	9.7	0.7	0.2	16.3	1.1
RHRC135	88	92	4	**265**	109.6	2.5	1.2	1.4	3.8	0.5	53.1	0.1	43.1	12.6	16.3	5.9	0.4	0.2	12.9	1.1

Hole ID	From (m)	To (m)	Interval (m)	TREO (ppm)	Ce2O3 (ppm)	Dy2O3 (ppm)	Er2O3 (ppm)	Eu2O3 (ppm)	Gd2O3 (ppm)	Ho2O3 (ppm)	La2O3 (ppm)	Lu2O3 (ppm)	Nd2O3 (ppm)	Pr6O11 (ppm)	Sc2O3 (ppm)	Sm2O3 (ppm)	Tb4O7 (ppm)	Tm2O3 (ppm)	Y2O3 (ppm)	Yb2O3 (ppm)
RHRC135	108	112	4	**310**	139.8	2.5	1.1	1.8	4.9	0.4	62.8	0.1	53.5	15.5	5.4	8	0.6	0.1	13	0.9
RHRC135	112	116	4	**291**	134.3	1.8	0.8	1.4	3.6	0.3	62.2	0.1	49.7	14.9	7.4	6.5	0.4	0.1	7.2	0.5
RHRC135	116	120	4	**267**	113.9	2	1.1	1.4	3.6	0.4	59.7	0.1	40.7	12.4	14.6	5.8	0.4	0.1	10.5	0.8
RHRC135	120	124	4	**423**	181.4	3.4	1.5	2.3	6.3	0.6	93.3	0.2	70.4	20.5	12.7	10.4	0.7	0.2	17.6	1.3
RHRC135	124	128	4	**429**	185.3	3.5	1.6	2.4	6.6	0.6	91.4	0.2	73.9	21.4	10.3	10.6	0.7	0.2	18.7	1.2
RHRC135	128	130	2	**507**	228.8	3.8	1.4	3	7.9	0.6	102.2	0.2	94.7	27.3	2.3	13.7	0.8	0.2	18.9	1.2
RHRC136	40	44	4	**281**	154.3	4.6	3.6	1.1	3.4	1	23	0.6	24.6	6.4	23	4.5	0.6	0.6	26.3	3.7
RHRC136	52	56	4	**546**	376.5	5	2.9	1.7	5.2	1	45.6	0.4	35.2	9.7	27	6.7	0.8	0.4	24.6	3.2
RHRC136	56	60	4	**4194**	1217	48.3	19.8	34.1	91	7.8	985.4	1.8	1053.1	303	31	155	10.3	2.3	219.7	14.1
RHRC136	60	64	4	**1537**	900.3	9.8	4.5	6.9	16.2	1.6	215.5	0.6	225.8	68.6	8.6	32.7	2	0.6	39	4.1
RHRC136	64	68	4	**3560**	812.6	37.1	13.7	32.1	76.7	5.6	881.2	1.3	1051.4	304.8	17	151.9	8.4	1.7	154.7	9.8
RHRC136	68	72	4	**2934**	567.9	39.9	17.3	26.5	76.3	6.8	826.6	1.6	789.1	211	19.5	115.7	8.6	2	213.7	11.3
RHRC136	72	76	4	**1719**	412.4	22.7	10.5	13.7	42	4.1	475.4	0.9	404.6	109.4	12	56.7	4.8	1.2	142.2	6.4
RHRC136	76	80	4	**1137**	503.3	8.3	3.4	6.9	17.9	1.3	246.5	0.4	204.6	59.2	2.1	29.8	1.8	0.4	49	2.5
RHRC136	80	84	4	**1460**	617.5	9.6	4.2	8.3	21.3	1.6	342.2	0.5	271.3	80.2	1.8	37	2.2	0.5	58.6	3.2
RHRC136	84	88	4	**1156**	502	10.3	4.6	7.5	20.5	1.7	234.3	0.5	214.7	59.4	1.8	32.7	2.1	0.6	59.5	3.8
RHRC136	92	96	4	**522**	208.7	4.7	2	3.6	9	0.8	115.7	0.2	102.3	29.2	3.4	15.5	1	0.3	23.8	1.5
RHRC136	96	100	4	**493**	205	4.4	1.8	3.2	8.7	0.7	104.2	0.2	92	25.4	7.2	14.1	0.9	0.2	23.4	1.4
RHRC136	100	104	4	**339**	147.2	2.7	1.1	2.4	6.2	0.4	65.2	0.1	68.1	18.7	2	10.6	0.6	0.1	12.5	0.7
RHRC136	104	108	4	**453**	201.9	3.4	1.4	2.8	7	0.5	102.2	0.2	77.9	22.4	2.8	11.8	0.7	0.2	16.3	1.1
RHRC136	108	112	4	**396**	171.1	3.3	1.4	2.7	7.1	0.5	85.1	0.1	72	20.2	3.1	11.5	0.7	0.1	16	0.9
RHRC136	112	116	4	**822**	381	4.4	1.9	3.7	9.7	0.7	185	0.2	140.8	43	6.4	17.7	1	0.2	24.2	1.6
RHRC136	116	120	4	**946**	381.3	11.9	4.9	8	22.6	1.9	172.9	0.5	189	48.9	1.7	34.7	2.6	0.6	61	3.7
RHRC136	120	124	4	**582**	255.2	4.9	2.2	3.5	9.5	0.8	116.7	0.3	107.4	30.2	4.4	16.1	1	0.3	27.7	1.7
RHRC136	124	128	4	**1062**	507.3	4.1	1.8	3.8	8.9	0.7	246.8	0.2	174.8	55.5	15	18.7	0.9	0.2	21.5	1.4
RHRC136	128	130	2	**773**	364.9	3.6	1.5	3.3	8	0.6	173	0.2	131.4	40.4	9.7	15.2	0.8	0.2	18.7	1.2
RHRC137	52	56	4	**444**	253.5	2.5	1.1	1.5	3.7	0.4	65.8	0.2	38.9	12.5	47.1	6	0.5	0.1	9.7	1.1
RHRC137	56	60	4	**1861**	1479.6	6.6	2.7	4.6	11.1	1	128.5	0.3	111.2	32.1	34.1	18.4	1.4	0.4	26.9	2.3
RHRC137	60	64	4	**1957**	1124	11.2	4.6	9.3	21.8	1.8	298	0.5	291.3	85.3	11.7	40.1	2.5	0.6	50.5	3.9
RHRC137	64	68	4	**1531**	724.1	9.1	3.6	8.3	19.3	1.5	287.8	0.4	299.6	89.6	2.6	38.1	2	0.5	41.9	2.9
RHRC137	68	72	4	**1180**	462.5	10	4.3	7.9	18.8	1.6	236.8	0.5	270.2	79.1	1.2	35	2.2	0.6	46.2	3.5
RHRC137	72	76	4	**1104**	396.6	9	3.7	7.5	18.7	1.5	263.7	0.4	244.8	70.4	2.3	31.3	2	0.4	49.2	2.6
RHRC137	76	80	4	**600**	261.9	4.3	1.6	3.8	9.1	0.6	116.9	0.2	123	35.7	3.1	16.2	1	0.2	21.2	1.1
RHRC137	80	84	4	**591**	269.2	4.3	1.6	3.9	9.5	0.7	104	0.2	120.3	33.9	3.8	16.8	1	0.2	20.5	1.2

Hole ID	From (m)	To (m)	Interval (m)	TREO (ppm)	Ce2O3 (ppm)	Dy2O3 (ppm)	Er2O3 (ppm)	Eu2O3 (ppm)	Gd2O3 (ppm)	Ho2O3 (ppm)	La2O3 (ppm)	Lu2O3 (ppm)	Nd2O3 (ppm)	Pr6O11 (ppm)	Sc2O3 (ppm)	Sm2O3 (ppm)	Tb4O7 (ppm)	Tm2O3 (ppm)	Y2O3 (ppm)	Yb2O3 (ppm)
RHRC137	84	88	4	**732**	339.4	4.5	1.7	4.2	10.2	0.7	138	0.2	143.4	42.1	3.5	18.5	1.1	0.2	22.6	1.2
RHRC137	88	92	4	**522**	237.8	3.5	1.3	3.2	8	0.5	92.7	0.1	107.1	30.4	3.5	14.3	0.8	0.2	17.2	1
RHRC137	92	96	4	**629**	287.4	4.3	1.4	4	9.6	0.6	114.8	0.2	126.2	36.4	3.8	17.1	1	0.2	20.4	1.1
RHRC137	96	100	4	**1068**	465.4	9.6	3.4	8.1	20.5	1.4	184.2	0.4	225.8	60.7	4.6	34.5	2.2	0.4	44.9	2.4
RHRC137	100	104	4	**851**	373.2	8.4	3.3	6.4	16.4	1.3	149.2	0.3	170.2	47.1	2.5	26.1	1.8	0.4	41.9	2.4
RHRC137	104	108	4	**619**	275	5	1.9	4.3	10.6	0.8	113.9	0.2	124.1	35	2.9	18.2	1.1	0.2	24.3	1.4
RHRC137	108	112	4	**823**	370.5	5.8	2	5.4	13.2	0.8	148.5	0.2	171.6	48	3.7	24	1.4	0.3	26.2	1.4
RHRC137	112	116	4	**835**	362	7.3	2.7	5.7	14.5	1.1	158.2	0.3	164	46.6	11	24.2	1.6	0.3	33.6	1.9
RHRC137	116	120	4	**459**	196.6	3.6	1.5	2.7	6.5	0.6	94.6	0.2	80.6	24.1	15.5	11.2	0.7	0.2	19	1.3
RHRC137	120	124	4	**511**	219.6	3.9	1.7	3	7.4	0.7	104.9	0.2	90.3	26.6	17.2	12.2	0.8	0.2	21.4	1.4
RHRC137	124	128	4	**843**	384	5.3	1.9	4.9	11.7	0.8	164.5	0.2	166.6	49.2	4.3	21.7	1.2	0.2	25.4	1.4
RHRC137	128	130	2	**588**	264.3	3.9	1.5	3.7	8.9	0.6	109.7	0.2	119.8	34.2	4	16.2	1	0.2	19.1	1.1
RHRC138	36	40	4	**1725**	869.8	9.9	4.5	6.1	14.8	1.7	394.5	0.6	238.6	82.6	29.9	27.1	1.9	0.7	38.4	4
RHRC138	40	44	4	**1267**	807.9	6.3	3.5	3.9	9.6	1.2	163.1	0.5	125.4	40.7	52.6	16.4	1.2	0.5	31.3	3.1
RHRC138	44	48	4	**847**	572.2	4.9	2.1	2.7	6.1	0.8	86.7	0.3	68.8	21.1	51.7	10.7	1	0.3	15.8	2.1
RHRC138	48	52	4	**2364**	1523.5	11.1	5.4	6.7	16.1	2	356.2	0.6	230	78.9	54	27.3	2	0.7	45.5	4.4
RHRC138	52	56	4	**1821**	945.9	8.1	3.9	6.4	14.7	1.5	349.2	0.4	276.9	92.8	42.3	28.7	1.7	0.5	44.9	2.7
RHRC138	56	60	4	**1206**	458.1	7.1	3.2	6.2	14.7	1.3	304.9	0.3	236.6	75.7	24.4	26.4	1.5	0.4	43.1	2.2
RHRC138	60	64	4	**983**	303.9	6.4	2.8	5.6	13.6	1.1	273	0.3	217.6	67.5	21.3	24.4	1.4	0.4	41.6	2.1
RHRC138	64	68	4	**2387**	299.3	19.6	8.3	18.2	45.8	3.3	845.3	0.9	707.4	205.8	20.9	78.7	4.4	1	122.8	5.8
RHRC138	68	72	4	**695**	256.5	5.1	2.6	3.9	9.6	0.9	164.9	0.4	136.5	42.3	19	16.3	1.1	0.4	33.2	2.3
RHRC138	72	76	4	**2211**	379.7	21.2	9.1	17.8	45.3	3.6	701.8	1	622.3	175.3	22.7	72.1	4.7	1.2	126.8	6.6
RHRC138	76	80	4	**871**	364.4	6.1	2.9	4	11.2	1.1	209.5	0.4	137.4	40.8	31.4	16.1	1.2	0.4	41.4	2.3
RHRC138	80	84	4	**518**	225.6	3	1.4	2.3	5.4	0.5	117.1	0.2	82.9	26.1	26.1	9.4	0.6	0.2	16	1.2
RHRC138	84	88	4	**638**	292.4	2.9	1.3	2.5	5.8	0.5	145.2	0.2	100	32.2	26.4	11	0.6	0.2	15.9	1.2
RHRC138	88	92	4	**612**	277	3	1.4	2.4	5.8	0.5	138.1	0.2	97.2	31.1	26.7	10.5	0.6	0.2	16.1	1.2
RHRC138	92	96	4	**754**	353.6	3.1	1.3	2.8	6.4	0.5	169.6	0.2	123.8	39.4	23	13	0.6	0.2	15.6	1
RHRC138	96	100	4	**687**	316.7	3.7	1.6	3	7.3	0.6	151.9	0.2	112.5	35.3	19	13.2	0.8	0.2	20.1	1.3
RHRC138	100	104	4	**463**	201.8	2.8	1.4	2.1	5	0.5	101.6	0.2	74.9	23	23.5	9	0.6	0.2	15.5	1.2
RHRC138	104	108	4	**583**	262.3	4.5	1.7	3.8	9.5	0.7	114.5	0.2	109.8	32	2.9	15.7	1	0.2	22.9	1.3
RHRC138	108	112	4	**454**	209.1	3.2	1.2	2.8	6.8	0.5	89.9	0.1	84.6	24.7	1.4	11.8	0.7	0.2	16.4	0.9
RHRC138	112	116	4	**517**	240.3	3.5	1.3	3.2	7.9	0.5	99.4	0.2	97.6	28.7	1.5	13.4	0.8	0.2	17.2	1
RHRC138	116	120	4	**480**	220.6	3.5	1.3	3.1	7.6	0.5	92.9	0.1	90.7	26.2	1.5	12.8	0.8	0.2	17.5	1
RHRC138	120	124	4	**496**	229.3	3.4	1.3	3	7.2	0.5	99.2	0.1	92.5	27	1.4	12.8	0.8	0.2	16.4	0.9

Hole ID	From (m)	To (m)	Interval (m)	TREO (ppm)	Ce2O3 (ppm)	Dy2O3 (ppm)	Er2O3 (ppm)	Eu2O3 (ppm)	Gd2O3 (ppm)	Ho2O3 (ppm)	La2O3 (ppm)	Lu2O3 (ppm)	Nd2O3 (ppm)	Pr6O11 (ppm)	Sc2O3 (ppm)	Sm2O3 (ppm)	Tb4O7 (ppm)	Tm2O3 (ppm)	Y2O3 (ppm)	Yb2O3 (ppm)
RHRC138	124	128	4	**496**	229.1	3.3	1.2	3.1	7.5	0.5	97.3	0.1	94.5	27.2	1.5	13	0.8	0.1	16.2	0.9
RHRC138	128	132	4	**520**	239.2	3.8	1.3	3.4	8.3	0.6	98.1	0.1	99.6	28.8	2	14.3	0.9	0.2	18.1	1
RHRC138	132	136	4	**426**	194	3.3	1.2	2.7	6.7	0.5	82.4	0.1	80.4	23.4	1.7	11.4	0.8	0.2	16.5	0.9
RHRC138	136	140	4	**440**	197.2	3.7	1.4	3	7.5	0.6	84.7	0.2	83.3	24.1	1.4	12.2	0.8	0.2	18.6	1.1
RHRC138	140	144	4	**385**	172.1	3.1	1.1	2.7	6.6	0.5	70	0.1	77.1	21.8	1.2	11.2	0.7	0.1	15.6	0.9
RHRC138	144	148	4	**545**	252.8	3.7	1.3	3.3	8.1	0.6	104.6	0.1	104.7	30.2	1.2	14.2	0.8	0.2	17.8	1
RHRC138	148	152	4	**581**	268.8	4	1.6	3.6	8.8	0.6	114.2	0.2	108.3	31.4	1.8	15	1	0.2	20.3	1.2
RHRC138	152	156	4	**612**	269.3	4.5	1.5	4.2	10.7	0.7	122.2	0.1	119.5	33.8	3.5	17.7	1.1	0.2	22	1.1
RHRC138	156	160	4	**738**	347.5	4.2	1.5	3.8	9.2	0.6	160.1	0.2	128.6	39.5	2.8	16.4	0.9	0.2	21.2	1.2
RHRC138	160	164	4	**584**	271.3	3.7	1.4	3.2	7.7	0.6	132.3	0.2	97.9	29.7	2.1	13.1	0.8	0.2	18.3	1.1
RHRC138	164	168	4	**431**	194.7	3.4	1.2	2.8	6.8	0.5	89.3	0.1	78.2	22.6	1.7	11	0.8	0.2	16.2	1
RHRC138	168	172	4	**545**	249.3	3.9	1.5	3.3	8.4	0.6	111.3	0.2	98.9	29	1.5	13.9	0.9	0.2	20.9	1.2
RHRC138	172	176	4	**435**	192.3	3.7	1.4	2.9	7.5	0.6	87.8	0.2	80.4	23	1.8	12.2	0.8	0.2	18.6	1.1
RHRC138	176	180	4	**429**	192.5	3.3	1.2	2.8	6.7	0.5	92.3	0.1	76.7	22.3	1.8	11	0.8	0.1	16	0.9
RHRC138	180	184	4	**639**	275.6	6.1	2.4	4.7	12	1	126.2	0.3	120.5	33.5	1.5	19	1.4	0.3	32.4	1.9
RHRC146	44	48	4	**416**	188.3	4.3	2.2	2.1	6.7	0.7	82.1	0.2	60.9	17.7	17.3	8.8	0.8	0.3	22.1	1.7
RHRC146	48	52	4	**305**	119.2	4.1	2.2	2	6.2	0.7	54.9	0.2	49.5	13.3	19.6	7.9	0.8	0.3	21.9	1.7
RHRC146	52	56	4	**278**	105.4	3.8	2.1	1.8	5.6	0.7	52.2	0.2	44.7	12.1	19.5	7.1	0.7	0.3	20.8	1.7
RHRC146	64	68	4	**259**	103.4	2.9	1.5	1.5	4.7	0.5	54.8	0.2	40.7	11.4	14.7	6.3	0.6	0.2	14.8	1.2
RHRC146	68	72	4	**387**	160.3	3.5	1.8	2	5.6	0.6	88.9	0.2	59.8	17.3	17.3	8.3	0.7	0.2	18.6	1.5
RHRC146	72	76	4	**833**	374.3	3.9	1.9	3.1	7.9	0.7	226.3	0.2	124.2	38.9	15.5	13.9	0.8	0.2	19.9	1.5
RHRC146	76	80	4	**300**	118.3	3.1	1.7	1.6	4.8	0.6	68	0.2	47.1	13.5	16	6.7	0.6	0.2	16.1	1.4
RHRC146	80	84	4	**382**	157.2	3.8	2	1.8	5.8	0.7	90.6	0.3	54.1	15.6	19.2	7.9	0.7	0.3	20.2	1.6
RHRC146	84	88	4	**267**	100	3.6	1.9	1.7	5.3	0.6	55.5	0.2	41.6	11.4	17.3	6.7	0.7	0.2	18.6	1.5
RHRC146	88	92	4	**693**	301.6	4.2	2.1	2.6	7.1	0.7	189.6	0.3	99.8	31.4	16.4	11.7	0.8	0.3	22.9	1.7
RHRC146	92	96	4	**493**	208.4	3.9	2	2	6.1	0.7	127.3	0.2	71.3	21.6	17.5	9	0.8	0.3	20.1	1.7
RHRC146	96	100	4	**294**	113.5	3.6	1.9	1.7	5.2	0.6	65.1	0.2	43.6	12.5	17.6	6.8	0.7	0.3	19.5	1.6
RHRC146	100	104	4	**419**	173.1	3.7	1.9	1.9	5.7	0.6	108.6	0.3	57.7	18	17.6	7.9	0.7	0.2	19.6	1.5
RHRC146	104	108	4	**293**	113.8	3.5	1.9	1.8	5.2	0.6	61.5	0.2	45.5	12.7	17.9	7	0.7	0.3	19.4	1.5
RHRC146	108	112	4	**314**	123.7	3.6	1.9	1.7	5.4	0.6	69.3	0.2	46.2	13.3	18.6	7	0.7	0.3	19.6	1.5
RHRC146	112	116	4	**287**	110.7	3.5	1.8	1.7	5	0.6	61.4	0.2	43.2	12.1	18.7	6.6	0.7	0.2	18.8	1.5
RHRC146	116	120	4	**286**	109.5	3.6	1.9	1.7	5.1	0.7	61.8	0.2	43.9	12.3	17.5	6.7	0.7	0.3	19.3	1.5
RHRC146	120	124	4	**317**	125.8	3.6	1.8	1.7	5	0.6	73.5	0.2	45.4	13.4	17.3	6.8	0.7	0.3	19.2	1.5
RHRC146	136	140	4	**295**	115	3.6	1.9	1.7	5.3	0.6	62.2	0.2	44	12.5	19.8	7	0.7	0.3	18.8	1.6

Hole ID	From (m)	To (m)	Interval (m)	TREO (ppm)	Ce2O3 (ppm)	Dy2O3 (ppm)	Er2O3 (ppm)	Eu2O3 (ppm)	Gd2O3 (ppm)	Ho2O3 (ppm)	La2O3 (ppm)	Lu2O3 (ppm)	Nd2O3 (ppm)	Pr6O11 (ppm)	Sc2O3 (ppm)	Sm2O3 (ppm)	Tb4O7 (ppm)	Tm2O3 (ppm)	Y2O3 (ppm)	Yb2O3 (ppm)
RHRC146	140	144	4	**332**	134.3	3.1	1.6	1.8	5.1	0.5	75.7	0.2	52.1	15.1	16.6	7.4	0.6	0.2	16.7	1.3
RHRC146	144	148	4	**346**	137.8	3.8	1.9	2	5.9	0.7	74.8	0.3	54	15.3	18.3	8.3	0.7	0.3	20.1	1.7
RHRC146	148	152	4	**360**	150.5	3.3	1.7	1.8	5.1	0.6	85	0.2	53.6	15.7	15	7.4	0.6	0.2	17.5	1.5
RHRC147	44	48	4	**346**	106.9	5.1	2.5	2.2	6.8	0.8	87.1	0.3	59.2	17.4	22.2	8.7	0.9	0.3	23.3	1.9
RHRC147	48	52	4	**561**	311.7	3.5	1.7	1.9	5.7	0.6	97.2	0.2	58.8	18.2	35.3	8.4	0.6	0.2	15.5	1.5
RHRC147	52	56	4	**866**	424.4	6.4	3.6	3.6	10	1.1	180.8	0.4	119.6	35.4	24.5	15.6	1.2	0.4	36.1	2.9
RHRC147	56	60	4	**432**	192	4.9	2.7	2.1	6.9	0.9	90.2	0.3	58.2	16.5	17.8	8.6	0.8	0.4	27.8	2.2
RHRC147	60	64	4	**284**	110.3	3.5	1.9	1.6	5.2	0.6	61.9	0.2	41.6	11.9	17.2	6.6	0.6	0.2	18.8	1.5
RHRC147	68	72	4	**428**	175	3.9	2.1	1.8	5.6	0.7	112	0.2	56.8	17.5	20.2	7.8	0.7	0.3	21.2	1.7
RHRC147	84	88	4	**263**	96.8	3.6	1.9	1.6	5.3	0.7	52.9	0.2	41.1	11.2	18.7	6.8	0.6	0.3	20	1.6
RHRC147	108	112	4	**261**	89.3	4.7	2.5	2	6.2	0.9	44.4	0.3	41.2	10.8	23.8	7.3	0.8	0.3	24.7	2.1
RHRC147	116	120	4	**279**	105.9	3.5	1.9	1.6	5.2	0.6	56.7	0.2	43.1	12	20.7	6.8	0.6	0.2	18.6	1.5
RHRC147	120	124	4	**309**	122.3	3.3	1.8	1.6	4.9	0.6	72.2	0.2	44.2	12.8	18.4	6.6	0.6	0.2	18	1.5
RHRC147	124	128	4	**273**	103.2	3.5	1.9	1.6	5.1	0.6	56.5	0.2	42	11.6	19.6	6.6	0.6	0.3	18.6	1.5
RHRC147	132	136	4	**284**	107.7	3.6	1.9	1.7	5.2	0.6	58.6	0.2	43.9	12	20.1	6.9	0.6	0.3	19.4	1.6
RHRC147	136	140	4	**284**	107.2	3.5	1.9	1.8	5.3	0.6	56.8	0.2	45.6	12.3	20.2	7.1	0.6	0.2	19	1.6
RHRC147	140	144	4	**279**	104.8	3.8	2	1.9	5.7	0.7	52.3	0.2	46.4	12.5	19.2	7.7	0.7	0.3	19.2	1.7
RHRC147	144	148	4	**281**	106	3.8	2	1.8	5.4	0.7	55.7	0.2	44	12.1	20.2	7.1	0.7	0.3	19.3	1.6
RHRC148	48	52	4	**399**	176.9	2.8	1.2	1.6	4.7	0.4	90.5	0.1	47.5	15.3	37.4	6.5	0.5	0.1	11.9	1
RHRC148	52	56	4	**591**	292.1	4.2	2	2.4	6.5	0.7	123.9	0.2	71.6	22.6	35.7	10	0.8	0.2	16.8	1.5
RHRC148	56	60	4	**300**	154	2.3	1.3	1.1	3.4	0.4	50.1	0.2	30.2	8.9	30.1	4.3	0.4	0.2	12.3	1.1
RHRC148	60	64	4	**468**	158.3	6.7	3.6	3.2	10	1.2	98	0.4	84.1	22.2	22.7	13.1	1.2	0.5	39.4	2.9
RHRC148	88	92	4	**304**	118.2	3.7	1.9	1.9	5.6	0.6	62.5	0.2	48.3	13.4	18.7	7.6	0.7	0.2	19.2	1.5
RHRC148	116	120	4	**345**	136.6	3.9	2	2.2	6.5	0.7	64.9	0.2	60.8	16.5	19.3	9.2	0.8	0.2	19.2	1.6
RHRC148	132	136	4	**259**	96.8	3.5	1.9	1.6	5.2	0.6	49.8	0.2	41.7	11.2	19.2	6.7	0.7	0.3	18.6	1.5
RHRC148	136	140	4	**257**	95.5	3.6	1.8	1.7	5.1	0.6	49.4	0.2	41.2	11.2	18.7	6.6	0.7	0.3	18.4	1.5
RHRC148	144	148	4	**386**	151.5	4.3	2.1	2.1	6.7	0.7	87.2	0.2	58	16.2	23.3	8.8	0.8	0.3	22	1.7
RHRC148	148	152	4	**311**	119.8	3.7	1.9	1.7	5.5	0.7	67.4	0.2	47.3	13.2	19.6	7.4	0.7	0.3	20	1.6
RHRC148	152	154	2	**251**	91.6	3.7	2	1.7	5.4	0.7	46.7	0.2	41.5	10.8	18.7	6.9	0.7	0.2	19.3	1.5
RHRC153	44	48	4	**840**	373.6	8.3	4.4	4.7	13.5	1.4	162.4	0.5	130.4	35.5	38	18.6	1.6	0.6	42.5	3.8
RHRC153	48	52	4	**5481**	905.1	66.8	34.9	41.2	126	12.1	1858.8	3.2	1309.2	375.5	51.7	168.4	13.9	4	488.1	21.8
RHRC153	52	56	4	**4547**	287.6	60.3	26.9	42.7	117.3	9.8	1701.2	2.4	1353	384.6	44.2	175.9	13.1	3.1	307.8	17.3
RHRC153	56	60	4	**2970**	281.3	39.6	18	26.3	76.9	6.6	1111.4	1.6	802.5	229.2	34.7	106	8.6	2.1	213.5	11.5
RHRC153	60	64	4	**1341**	367.2	11.5	5.7	8.5	22.4	1.9	406.8	0.7	296.4	87.1	32.2	36.3	2.5	0.7	56.6	4.7

Hole ID	From (m)	To (m)	Interval (m)	TREO (ppm)	Ce2O3 (ppm)	Dy2O3 (ppm)	Er2O3 (ppm)	Eu2O3 (ppm)	Gd2O3 (ppm)	Ho2O3 (ppm)	La2O3 (ppm)	Lu2O3 (ppm)	Nd2O3 (ppm)	Pr6O11 (ppm)	Sc2O3 (ppm)	Sm2O3 (ppm)	Tb4O7 (ppm)	Tm2O3 (ppm)	Y2O3 (ppm)	Yb2O3 (ppm)
RHRC153	64	68	4	**730**	272.6	6.1	2.6	5	12.6	1	154.6	0.3	170.4	49.1	6.1	22.1	1.4	0.3	23.2	2.1
RHRC153	68	72	4	**798**	321.9	6.4	2.7	5.1	13.4	1	172.9	0.3	167.7	47.9	5.4	22	1.5	0.3	27.5	1.9
RHRC153	72	76	4	**301**	120.3	3.4	1.6	2.2	6.3	0.5	58	0.2	61.3	17.3	2.5	9.1	0.7	0.2	16.3	1.2
RHRC153	76	80	4	**614**	261.4	4.7	2	3.6	9.9	0.7	138.5	0.2	112.3	32.5	4.8	15.5	1.1	0.2	24.7	1.5
RHRC153	80	84	4	**401**	170.4	3.6	1.4	2.6	7.3	0.5	80	0.1	79	22.3	4.3	11.1	0.8	0.2	15.9	1
RHRC153	84	88	4	**747**	340.9	4.7	1.8	3.9	10.3	0.7	162.5	0.2	135.4	39.5	2.6	17.5	1.1	0.2	24.4	1.2
RHRC153	88	92	4	**805**	367.9	5.3	2.2	4.4	11.8	0.8	172.6	0.2	143.2	41.6	6.4	18.6	1.2	0.3	27	1.4
RHRC153	92	96	4	**317**	126.7	3.3	1.6	2	5.5	0.5	62.9	0.2	53.4	15.1	19.5	8.2	0.6	0.2	16.3	1.3
RHRC153	100	104	4	**281**	110.7	3	1.5	1.4	4	0.5	68.5	0.2	38.5	11.5	19.3	5.3	0.5	0.2	14.6	1.2
RHRC153	112	116	4	**548**	242.6	3	1.5	1.9	4.8	0.5	148.6	0.2	73.4	23.9	21.6	8.3	0.6	0.2	15.6	1.3
RHRC153	116	120	4	**401**	172.1	3.1	1.4	2.5	6.7	0.5	79.9	0.2	76.2	20.6	9.7	11	0.7	0.2	15.1	1.2
RHRC153	120	124	4	**907**	397.8	6.5	2.4	5.7	15.4	0.9	174.6	0.2	183.4	49.6	14.3	25.7	1.6	0.3	27.2	1.7
RHRC153	128	132	4	**414**	168.3	4.8	2.2	3	8.5	0.8	82.8	0.3	70.1	18.9	14.3	11.5	1	0.3	25.7	1.9
RHRC153	132	136	4	**320**	120.9	4	2.1	2.3	6.4	0.7	63.1	0.3	52.7	14.1	19.8	8.6	0.8	0.3	21.9	1.7
RHRC153	136	140	4	**365**	142.9	4.4	2.1	2.6	7.2	0.8	67.6	0.2	64.5	17.4	19.6	10.3	0.9	0.3	22.5	1.7
RHRC153	148	152	4	**275**	109.4	3.1	1.5	1.7	4.7	0.5	53.1	0.2	43.4	12.4	21	6.3	0.6	0.2	15.9	1.3
RHRC153	156	160	4	**277**	113.2	2.7	1.4	1.5	4	0.5	55.4	0.2	43.1	12.7	21.5	5.5	0.5	0.2	13.8	1.2
RHRC153	160	164	4	**342**	140.7	3.3	1.7	2.2	5.9	0.6	72.4	0.2	56.1	15.9	15.2	8.5	0.7	0.2	17.2	1.3
RHRC153	172	176	4	**335**	139.2	3.3	1.7	2	5.4	0.6	69.3	0.2	52.1	15.2	19.8	7.6	0.7	0.2	16.4	1.3
RHRC153	184	188	4	**267**	108.6	2.9	1.3	1.9	5.4	0.5	51.5	0.1	47.1	13	10.9	7.4	0.6	0.2	14.7	1
RHRC153	188	192	4	**279**	110.3	2.9	1.6	1.6	4.5	0.5	54.7	0.2	43.9	12.5	22.4	6.1	0.6	0.2	15.4	1.3
RHRC153	192	196	4	**288**	115	3	1.6	1.8	5	0.5	60.5	0.2	45.2	12.8	17.8	6.7	0.6	0.2	15.8	1.2
RHRC153	196	200	4	**1095**	532.9	3.6	1.8	3.6	8.1	0.6	249.4	0.2	176.5	56.8	22.7	17.1	0.8	0.2	19.6	1.4
RHRC153	200	204	4	**535**	239.7	3.6	1.6	2.7	7.2	0.6	123.1	0.2	85.2	26.1	12.3	11.2	0.8	0.2	19.2	1.2
RHRC153	204	208	4	**422**	187	3.2	1.5	2.2	6.1	0.5	89.8	0.2	70.3	20.6	10.6	9.3	0.7	0.2	18.7	1.3
RHRC153	208	212	4	**414**	180.5	3.3	1.6	2.3	6.2	0.5	89.2	0.2	68.4	20.1	12.9	9.4	0.7	0.2	17.6	1.2
RHRC153	212	214	2	**440**	189.1	4.4	2.1	2.7	7.6	0.7	93	0.2	72.9	20.9	8.9	11	0.9	0.3	24	1.7
RHRC154	44	48	4	**279**	89.7	5.1	2.9	1.7	6	1	61.5	0.4	38.2	11.3	23.5	6.6	0.9	0.4	27	2.5
RHRC154	48	52	4	**262**	93.8	2.5	1.3	1.6	4.5	0.5	62.5	0.2	47.4	14	9.8	6.9	0.5	0.2	15	1.1
RHRC154	68	72	4	**724**	322.9	5.5	2.2	4.2	12.2	0.8	155.4	0.2	129.5	37.2	2.5	18.7	1.3	0.3	29.2	1.6
RHRC154	72	76	4	**1290**	603.9	7	2.8	5.8	16.3	1.1	290.6	0.3	221.1	66.3	6.9	27.3	1.6	0.3	36.1	2
RHRC154	76	80	4	**967**	413.4	8.9	3.4	6.6	19.2	1.3	193.1	0.3	188	51	3.2	28.9	2	0.4	44.7	2.3
RHRC154	80	84	4	**938**	374.1	11.5	4.7	7.9	22.7	1.8	174.3	0.5	193.9	49	1.4	33.5	2.5	0.6	55.9	3.4
RHRC154	84	88	4	**730**	308.6	8.1	3.4	5.4	15.6	1.3	138.2	0.3	140.6	38.2	1.7	23.1	1.7	0.4	40.6	2.4

Hole ID	From (m)	To (m)	Interval (m)	TREO (ppm)	Ce2O3 (ppm)	Dy2O3 (ppm)	Er2O3 (ppm)	Eu2O3 (ppm)	Gd2O3 (ppm)	Ho2O3 (ppm)	La2O3 (ppm)	Lu2O3 (ppm)	Nd2O3 (ppm)	Pr6O11 (ppm)	Sc2O3 (ppm)	Sm2O3 (ppm)	Tb4O7 (ppm)	Tm2O3 (ppm)	Y2O3 (ppm)	Yb2O3 (ppm)
RHRC154	88	92	4	**354**	158.7	2.9	1.1	2.3	6.2	0.4	70.1	0.1	66.3	18.9	1.8	9.5	0.7	0.1	14	0.9
RHRC154	92	96	4	**500**	225.4	3.3	1.3	2.7	7.5	0.5	110.6	0.1	89	26	1.7	12.2	0.8	0.2	17.5	1
RHRC154	96	100	4	**444**	200	3.3	1.3	2.5	7.1	0.5	95.3	0.2	78.7	23.1	1.5	11.3	0.7	0.2	17	1
RHRC154	100	104	4	**377**	172.7	2.4	1	2	5.5	0.4	78.9	0.1	69.1	20.3	1.7	8.9	0.6	0.1	12.4	0.8
RHRC154	104	108	4	**458**	205.1	3.3	1.3	2.7	7.2	0.5	97.5	0.1	82.8	24.2	1.8	11.6	0.8	0.2	17.6	1
RHRC154	108	112	4	**490**	219.5	3.6	1.5	2.9	7.7	0.6	102.7	0.2	89.8	26.2	2.1	12.5	0.8	0.2	18.5	1.1
RHRC154	112	116	4	**446**	200	3.2	1.4	2.6	6.8	0.5	95.2	0.2	79.8	23.4	1.7	10.9	0.7	0.2	18.3	1.2
RHRC154	116	120	4	**467**	204.9	3.8	1.7	2.8	7.9	0.6	97.1	0.2	84.8	24.4	1.5	12	0.8	0.2	22.4	1.4
RHRC154	120	124	4	**545**	248.1	3.5	1.5	3	7.6	0.6	120.2	0.2	95	28.3	1.7	12.6	0.8	0.2	20.8	1.2
RHRC155	44	48	4	**259**	106.7	3.9	2	2	5.7	0.7	45.1	0.3	49.4	13.7	3.7	8.3	0.7	0.3	15.2	1.6
RHRC155	48	52	4	**262**	112.6	3.6	1.7	2.2	6	0.6	38.6	0.2	53.2	14	2.1	8.9	0.8	0.2	16	1.3
RHRC155	52	56	4	**639**	276.7	6.8	2.9	4.8	13.4	1.1	112.4	0.3	127.3	33.6	2.8	20	1.5	0.4	33	2.1
RHRC155	56	60	4	**950**	402.5	9.3	3.7	7	19.7	1.4	175.1	0.4	192.8	51	4.3	30.6	2.1	0.4	47.7	2.5
RHRC155	60	64	4	**1364**	548.4	19.5	8.1	12.3	36.5	3.1	226.3	0.8	275.8	68.6	4.4	50.4	4.2	1	99.4	5.5
RHRC155	64	68	4	**880**	377.2	8.9	3.7	6.1	17.4	1.4	178.8	0.4	163.1	45.4	1.7	25.1	2	0.5	46.3	2.6
RHRC155	68	72	4	**376**	167.4	3.8	1.7	2.7	7.2	0.6	65.5	0.2	73.9	19.9	1.1	11.1	0.8	0.2	18.7	1.3
RHRC155	72	76	4	**327**	144.1	3.3	1.5	2.4	6.5	0.5	56.3	0.2	65.1	17.7	1.4	10.1	0.7	0.2	15.9	1.1
RHRC155	76	80	4	**271**	116	3.1	1.3	2.2	5.9	0.5	44.8	0.2	55.1	14.7	0.9	9	0.7	0.2	15.1	1
RHRC155	80	84	4	**284**	122.5	3.2	1.3	2.2	5.9	0.5	48.6	0.2	57.7	15.6	0.8	9.1	0.7	0.2	15.2	1.1
RHRC155	84	88	4	**300**	128.7	3.3	1.3	2.2	6.2	0.5	52.6	0.2	59.4	16.3	1.1	9.3	0.7	0.2	17.1	1.1
RHRC155	88	92	4	**321**	141.5	3.1	1.3	2.4	6.4	0.5	55.1	0.2	65.6	18.2	0.9	9.7	0.7	0.2	14.9	1
RHRC155	92	96	4	**712**	337.1	3.8	1.5	3.5	9.4	0.6	139.7	0.2	137.7	40.6	1.2	17.1	0.9	0.2	17.8	1.1
RHRC155	96	100	4	**439**	199	3.4	1.3	2.6	7.2	0.5	79.8	0.2	89.2	25.2	0.8	11.8	0.8	0.2	15.8	1
RHRC155	100	104	4	**417**	183.3	3.7	1.5	3	8.1	0.6	73.6	0.2	85.3	23.4	1.2	12.9	0.9	0.2	17.8	1.2
RHRC155	108	112	4	**388**	165.4	4.2	1.7	2.9	8	0.7	71	0.2	75.6	20.6	1.4	12	0.9	0.2	21.4	1.5
RHRC155	112	116	4	**360**	152.5	3.9	1.6	2.7	7.6	0.6	66.9	0.2	70.1	19.2	1.1	11.2	0.9	0.2	20.1	1.2
RHRC155	116	120	4	**257**	95.9	3.2	1.5	1.7	5.1	0.5	43.3	0.2	42.6	11.7	24.8	6.9	0.6	0.2	17	1.2
RHRC155	124	128	4	**917**	395.3	8.1	3.2	6.1	17.1	1.3	193	0.4	170.3	47.3	3.2	26.2	1.8	0.4	41.2	2.5
RHRC155	128	130	2	**727**	312.3	6.7	2.7	4.9	13.7	1.1	148.7	0.3	136.5	38	2.5	21.6	1.5	0.3	34.4	2.1
RHRC156	44	48	4	**713**	278.1	9.5	4.8	4.6	14	1.7	155.6	0.6	116.1	32.8	18.9	18.3	1.8	0.7	51.6	3.8
RHRC156	48	52	4	**389**	179.8	4	1.7	2.6	7.3	0.7	63.7	0.2	73.2	20.4	2.9	11.1	0.8	0.2	19.4	1.2
RHRC156	52	56	4	**589**	286.4	4.7	1.9	3.6	9.6	0.7	104.3	0.2	103.3	29.2	2.5	14.9	1.1	0.3	24.4	1.5
RHRC156	60	64	4	**545**	251.9	4	1.6	3.3	9.1	0.6	99.6	0.2	107.1	30.2	1.1	14.6	0.9	0.2	19.7	1.3
RHRC156	64	68	4	**304**	129.2	3.4	1.3	2.5	6.8	0.5	49.9	0.2	63.5	16.7	1.5	10.1	0.7	0.2	16.5	1.1

Hole ID	From (m)	To (m)	Interval (m)	TREO (ppm)	Ce2O3 (ppm)	Dy2O3 (ppm)	Er2O3 (ppm)	Eu2O3 (ppm)	Gd2O3 (ppm)	Ho2O3 (ppm)	La2O3 (ppm)	Lu2O3 (ppm)	Nd2O3 (ppm)	Pr6O11 (ppm)	Sc2O3 (ppm)	Sm2O3 (ppm)	Tb4O7 (ppm)	Tm2O3 (ppm)	Y2O3 (ppm)	Yb2O3 (ppm)
RHRC156	68	72	4	**540**	237.8	5	2	3.8	10.2	0.8	102.3	0.2	103.2	28.9	2	16.2	1.1	0.3	24.8	1.7
RHRC156	72	76	4	**621**	272.4	5.6	2.2	4.1	11.6	0.9	123	0.3	115.1	31.6	3.1	17.7	1.3	0.3	29.6	1.8
RHRC156	76	80	4	**446**	195.3	4	1.6	3.1	8.4	0.6	86.9	0.2	85.2	24	1.2	13	0.9	0.2	20.6	1.2
RHRC156	80	84	4	**452**	197.1	4.1	1.6	3.1	8.3	0.6	90.4	0.2	84.5	23.9	1.5	12.7	0.9	0.2	21.4	1.3
RHRC156	84	88	4	**306**	128.6	3.7	1.5	2.6	7	0.6	52.4	0.2	62.2	16.6	1.2	10.2	0.8	0.2	17	1.1
RHRC156	88	92	4	**398**	170.9	4.1	1.6	3	8.1	0.6	74.9	0.2	76.9	21.1	1.4	12.3	0.9	0.2	20.6	1.3
RHRC156	92	96	4	**316**	136.3	3.2	1.4	2.4	6.5	0.5	58.5	0.2	61.3	16.8	1.1	9.6	0.7	0.2	16.5	1.1
RHRC156	96	100	4	**360**	154.7	3.9	1.7	2.7	7.3	0.6	66.4	0.2	69	19	1.1	11.1	0.8	0.2	19.8	1.4
RHRC156	100	104	4	**271**	114.6	3.1	1.4	2.1	5.9	0.5	48	0.2	53.1	14.5	1.1	8.7	0.7	0.2	16.3	1.2
RHRC156	104	108	4	**310**	133.5	3.1	1.3	2.3	6.1	0.5	57	0.2	61.8	16.8	0.3	9.6	0.7	0.2	15.2	1
RHRC156	108	112	4	**354**	156.7	3.2	1.3	2.4	6.5	0.5	68.2	0.2	67.6	19.1	0.8	10.2	0.7	0.2	15.3	1
RHRC156	112	116	4	**414**	187.3	3.2	1.3	2.6	7.1	0.5	81.6	0.2	77.7	22.4	1.5	11.2	0.7	0.2	15.9	1
RHRC156	116	120	4	**426**	189	3.7	1.5	2.9	7.3	0.6	82.7	0.2	81.1	22.9	1.4	11.8	0.8	0.2	18.8	1.2
RHRC156	120	124	4	**389**	178.3	3.1	1.2	2.3	6.3	0.5	75.7	0.2	71.8	21.1	1.5	10	0.7	0.2	15.1	1
RHRC156	124	128	4	**361**	162.8	3.1	1.3	2.4	6.2	0.5	67.6	0.2	69	19.6	1.4	10.2	0.7	0.2	15.1	1
RHRC156	128	132	4	**1367**	547.5	20.7	9	10.8	33.2	3.5	251	0.9	243	65.9	16.3	42.6	4.1	1.2	111.1	6.5
RHRC156	132	136	4	**761**	318	7.8	3.2	4.9	14.7	1.3	153.4	0.3	135.1	37.6	21.9	21	1.7	0.4	37	2.3
RHRC156	136	140	4	**725**	326.8	4.5	1.9	3.4	9.5	0.7	156.7	0.2	125	37.2	18.3	15.7	1	0.3	22.4	1.5
RHRC156	140	144	4	**306**	117.8	3.4	1.7	1.8	5.5	0.6	61.3	0.2	49.1	13.7	22.2	7.7	0.6	0.2	18.4	1.4
RHRC156	144	148	4	**461**	197.5	3.8	1.7	2.4	6.8	0.6	103.8	0.2	75.3	22.1	14.4	10.3	0.8	0.2	20.1	1.4
RHRC156	148	152	4	**1972**	802.5	28.7	10.9	16.9	51.7	4.5	352.1	0.8	390.5	102.9	7.5	69.9	6.2	1.3	118.7	6.6
RHRC156	152	154	2	**2122**	1042.5	6.6	2.4	7.2	18.9	1	505.8	0.3	349.7	113	1.5	35.8	1.7	0.3	33.8	1.8
RHRC157	48	52	4	**1421**	689.9	8	3.9	5.9	14.5	1.5	295	0.5	219.6	68.7	27.8	25.6	1.6	0.5	55.1	3.2
RHRC157	52	56	4	**1286**	632	13.1	6.9	6.5	18.6	2.5	228.2	0.9	178.8	52.1	29	24.5	2.4	0.9	84	5.4
RHRC157	56	60	4	**290**	86.6	5.3	3.4	2.1	6.2	1.1	52.8	0.5	44.9	12.5	23.3	7.1	0.9	0.5	40.1	2.9
RHRC157	60	64	4	**253**	98.3	2.8	1.4	1.5	3.9	0.5	52.3	0.2	36.4	10.9	20.7	5.4	0.5	0.2	16.3	1.3
RHRC157	64	68	4	**259**	104.2	2.7	1.3	1.5	3.8	0.5	50.1	0.2	39.7	11.7	20.7	5.5	0.5	0.2	14.9	1.2
RHRC157	68	72	4	**773**	368.1	3.7	1.7	3	6.7	0.6	167.5	0.2	125	41.1	20.7	12.6	0.7	0.2	19.7	1.4
RHRC157	76	80	4	**366**	154.8	3.2	1.7	2	5	0.6	72.2	0.2	57.5	17.4	23.5	7.5	0.6	0.2	18.5	1.4
RHRC157	88	92	4	**465**	196.4	4.3	2	2.8	7.2	0.7	95.1	0.2	77.7	22.9	19.3	11.3	0.9	0.3	22.6	1.6
RHRC157	92	96	4	**666**	288.3	5.9	2.4	4.1	10.4	1	133.9	0.3	116.7	34.1	19	16.5	1.2	0.3	29.8	1.8
RHRC157	96	100	4	**1017**	469.9	5.6	2.3	4.8	11.4	0.9	224.6	0.3	174.4	53.3	15.6	20.7	1.2	0.3	30.2	1.7
RHRC157	112	116	4	**384**	159	3.5	1.7	2.2	5.5	0.6	74.4	0.2	64.6	19	23.3	8.9	0.7	0.2	18.9	1.4
RHRC157	116	120	4	**444**	187	3.6	1.6	2.7	6.4	0.6	86.1	0.2	77.6	22.2	23.5	10.6	0.7	0.2	19.6	1.3

Hole ID	From (m)	To (m)	Interval (m)	TREO (ppm)	Ce2O3 (ppm)	Dy2O3 (ppm)	Er2O3 (ppm)	Eu2O3 (ppm)	Gd2O3 (ppm)	Ho2O3 (ppm)	La2O3 (ppm)	Lu2O3 (ppm)	Nd2O3 (ppm)	Pr6O11 (ppm)	Sc2O3 (ppm)	Sm2O3 (ppm)	Tb4O7 (ppm)	Tm2O3 (ppm)	Y2O3 (ppm)	Yb2O3 (ppm)
RHRC157	120	124	4	**812**	369.9	4.5	1.9	4.1	9.2	0.7	166.9	0.2	146.4	44	21.3	17.4	1	0.2	23	1.4
RHRC157	124	128	4	**778**	341.5	5.3	2.2	4.6	10.6	0.9	152.9	0.2	143.9	41.2	25.2	19	1.1	0.3	27.4	1.7
RHRC157	128	132	4	**973**	452.8	4.7	2	4.4	9.8	0.8	204.3	0.2	170.1	52.3	25.3	19	1	0.3	24.3	1.6
RHRC157	132	136	4	**488**	210	3.6	1.7	2.7	6.5	0.6	97.7	0.2	84.9	25	22.7	11	0.7	0.2	19.4	1.4
RHRC157	136	140	4	**512**	221.2	3.8	1.7	3	6.8	0.6	98.6	0.2	92	26.6	22.5	12	0.8	0.3	20.4	1.3
RHRC157	140	144	4	**544**	237.1	3.8	1.7	3.1	6.9	0.6	110	0.2	94.8	28.2	21.5	12.2	0.8	0.2	21.5	1.4
RHRC157	144	148	4	**688**	307.9	4.2	1.9	3.7	8.1	0.7	137.9	0.2	123.6	36.4	22.2	15	0.9	0.3	24	1.4
RHRC157	148	152	4	**627**	280.7	4.1	1.8	3.4	7.5	0.7	128.8	0.2	108.5	32.6	21.6	13.1	0.9	0.2	21.7	1.4
RHRC157	152	154	2	**672**	302.1	4	1.7	3.5	7.7	0.7	141.7	0.2	116.1	35.1	19.6	14.1	0.8	0.2	22.7	1.4
RHRC158	36	40	4	**556**	101.9	4.5	2	4	8.8	0.7	170.9	0.3	143	43.4	36	16.4	1	0.3	21.6	1.5
RHRC158	40	44	4	**6086**	1204.1	54.1	21.1	48.3	113.6	8.6	1957.5	2	1633.1	470	56	198	11.8	2.5	292.4	13.3
RHRC158	44	48	4	**5961**	1163.7	66.3	29	51.2	129.7	11.3	1805.7	3.2	1575.9	424.3	45.2	195.9	13.9	3.7	420.8	20.8
RHRC158	48	52	4	**1949**	317.3	24	11.4	16.8	45.6	4.3	626.5	1.4	496.4	134.8	31.3	62.4	5	1.5	161.6	9.1
RHRC158	52	56	4	**1876**	339.4	22.4	10.6	15.3	43.4	4.1	602.1	1.1	445.7	119.2	28.8	55.6	4.6	1.3	175.6	7.1
RHRC158	56	60	4	**1166**	611.3	6	2.9	5.2	11.7	1.1	213	0.4	170.1	51.4	23.5	20.5	1.3	0.4	45.5	2.2
RHRC158	60	64	4	**1205**	564.9	7.1	3.2	6	14.8	1.2	251.5	0.4	199.1	59.9	16.1	23.8	1.6	0.4	52.6	2.4
RHRC158	64	68	4	**952**	424.4	6.3	2.8	4.9	12.2	1.1	207.9	0.3	159.1	49.3	14.1	19.2	1.3	0.4	46.4	2
RHRC158	68	72	4	**736**	330.8	5.1	2.1	4.2	10.7	0.9	148.5	0.3	136.1	40.4	1.8	17.6	1.1	0.3	34.6	1.5
RHRC158	72	76	4	**549**	242.6	3.9	1.4	3.5	8.2	0.6	109.1	0.2	108.8	31.4	1.7	14.5	0.9	0.2	21	1.1
RHRC182	36	40	4	**588**	191.9	9.5	4.3	4.2	12.8	1.6	156.4	0.4	99.5	29.6	18.9	15.7	1.7	0.5	38.1	3.1
RHRC182	40	44	4	**550**	141.9	6	2.7	3.3	9.7	1	172.7	0.2	94.6	29.4	42.8	12.8	1.1	0.3	29.5	1.7
RHRC182	44	48	4	**427**	152.5	4.6	2.4	2.4	6.7	0.8	100.9	0.3	62.7	19.2	38.8	9.3	0.8	0.3	23.8	1.8
RHRC182	48	52	4	**908**	695.8	3.7	2	1.8	5.2	0.7	73.4	0.2	43	12.7	39.6	6.5	0.7	0.3	20.3	1.7
RHRC182	52	56	4	**343**	207.5	2.4	1.3	1.2	3.4	0.4	43.2	0.2	26.3	7.9	32.2	4.3	0.4	0.2	10.8	1.4
RHRC182	56	60	4	**545**	169.7	8.4	5.5	4	11.1	1.7	106.3	0.7	95.1	26.3	34.7	15.3	1.4	0.8	58.7	5.2
RHRC182	60	64	4	**547**	192.7	8	5.2	3.9	11.8	1.6	93	0.7	88.8	22.4	36.4	14.7	1.3	0.7	60.9	4.6
RHRC182	64	68	4	**297**	101.8	4.1	2.5	1.9	5.8	0.8	50.9	0.3	42.6	11.5	31.1	6.9	0.7	0.3	33.8	2.1
RHRC182	68	72	4	**273**	100.2	3	1.9	1.6	4.6	0.6	53.4	0.2	39.7	11.4	24.8	6.2	0.6	0.3	22.6	1.6
RHRC182	72	76	4	**346**	140	3.5	1.8	2	5.6	0.6	72.1	0.2	49.8	14.5	24.7	7.6	0.6	0.2	21.5	1.5
RHRC182	76	80	4	**389**	154.2	3.8	2	2.1	5.7	0.7	88.3	0.2	55.2	16.2	28.2	7.9	0.7	0.3	21.9	1.6
RHRC182	80	84	4	**270**	99.3	3.4	1.7	1.9	5.1	0.6	50.9	0.2	41.5	11.5	26.5	6.8	0.6	0.2	18.2	1.4
RHRC182	88	92	4	**346**	138	3.5	1.9	1.9	5.6	0.6	78.8	0.2	48.9	14.6	21.2	7.5	0.6	0.2	21.5	1.5
RHRC182	92	96	4	**285**	107.3	3.1	1.6	1.5	4.8	0.5	60.1	0.2	41	11.9	21	6.5	0.6	0.2	23.1	1.4
RHRC182	100	104	4	**385**	151.5	3.5	1.9	2	5.5	0.6	85.5	0.2	56.4	16.6	29.9	8.1	0.6	0.2	21	1.5

Hole ID	From (m)	To (m)	Interval (m)	TREO (ppm)	Ce2O3 (ppm)	Dy2O3 (ppm)	Er2O3 (ppm)	Eu2O3 (ppm)	Gd2O3 (ppm)	Ho2O3 (ppm)	La2O3 (ppm)	Lu2O3 (ppm)	Nd2O3 (ppm)	Pr6O11 (ppm)	Sc2O3 (ppm)	Sm2O3 (ppm)	Tb4O7 (ppm)	Tm2O3 (ppm)	Y2O3 (ppm)	Yb2O3 (ppm)
RHRC182	104	108	4	**278**	101.5	3.4	1.8	1.8	5.2	0.6	54.4	0.2	43.1	11.8	26.2	6.8	0.6	0.2	19	1.4
RHRC182	108	112	4	**257**	90.4	3	1.7	1.6	4.5	0.6	50.7	0.2	36.7	10.3	31.3	5.8	0.5	0.2	18	1.4
RHRC182	112	116	4	**305**	117.9	3.3	1.7	1.9	5.1	0.6	64.3	0.2	46.1	13.2	23.6	7	0.6	0.2	17.7	1.4
RHRC182	116	120	4	**349**	136.2	3.3	1.7	2	5.3	0.6	79.7	0.2	50.8	15.1	27	7.2	0.6	0.2	18.1	1.4
RHRC182	120	124	4	**489**	207.6	3.1	1.6	2.1	5.4	0.5	130.4	0.2	66.1	21	22.9	8.2	0.6	0.2	17.7	1.3
RHRC182	124	128	4	**288**	110.2	3.3	1.7	1.9	5.2	0.6	57.9	0.2	45.2	12.8	21.6	7.1	0.6	0.2	17.9	1.4
RHRC182	128	132	4	**462**	193.6	3.5	1.7	2.4	6.1	0.6	111.2	0.2	69.4	20.8	22.1	9.4	0.7	0.2	18.9	1.4
RHRC182	132	136	4	**322**	124.2	3.1	1.7	1.7	4.8	0.5	72	0.2	45.3	13.3	28.7	6.6	0.6	0.2	17.2	1.4
RHRC182	140	144	4	**296**	112.4	3.4	1.7	1.9	5.3	0.6	61.4	0.2	45.2	12.9	23.3	7.1	0.6	0.2	18.5	1.4
RHRC182	144	148	4	**311**	117.6	3.5	1.9	2	5.5	0.6	64.5	0.2	47.6	13.4	25.6	7.5	0.7	0.2	19	1.4
RHRC182	148	152	4	**309**	117	3.4	1.8	2	5.3	0.6	65	0.2	46.2	13.1	26.1	7.1	0.6	0.2	18.4	1.5
RHRC182	156	160	4	**271**	101	3.3	1.7	2	5.4	0.6	50	0.2	43.7	12.1	23.6	7.2	0.6	0.2	18.2	1.4
RHRC182	160	164	4	**280**	102	3.4	1.7	1.9	5.3	0.6	53.2	0.2	43.1	12	28.1	7.1	0.6	0.2	18.7	1.5
RHRC182	164	166	2	**266**	94.3	3.5	1.9	1.9	5.3	0.6	47	0.2	42.1	11.3	29.1	6.9	0.6	0.2	19.1	1.5
RHRC183	36	40	4	**620**	207.4	10.4	4.5	4.9	15.5	1.7	158	0.4	106.8	31.1	16.9	18.7	2	0.5	37.8	3.2
RHRC183	40	44	4	**1038**	205.7	13.1	5	8.3	24.6	2	350.9	0.4	236.1	72.4	32.8	33.6	2.6	0.5	47	2.8
RHRC183	44	48	4	**699**	215.1	9	3.9	5.6	16.4	1.5	163.6	0.4	144.3	38.6	34.4	22.9	1.8	0.4	38.9	2.6
RHRC183	48	52	4	**2172**	1059.9	13.8	5.4	11.5	29.1	2.1	423.4	0.5	367	106.8	35.3	51.8	3	0.6	59	3.4
RHRC183	52	56	4	**1023**	412.3	12.5	7.9	6.5	20.1	2.5	185.5	1	171.1	45.8	25.3	27.2	2.3	1	95.4	6.6
RHRC183	56	60	4	**578**	197.6	10.1	6.6	4.2	14.2	2.1	91.5	0.8	98.2	25	20.7	16.7	1.7	0.9	81.5	5.8
RHRC183	60	64	4	**276**	101.2	3.9	2.3	1.7	5.5	0.8	48.6	0.3	43.8	12	19.5	7.1	0.7	0.3	26.3	1.9
RHRC183	64	68	4	**397**	160.3	3.8	2	2.2	6.3	0.7	88.4	0.2	61	17.6	21.2	8.9	0.8	0.3	21.3	1.8
RHRC183	68	72	4	**650**	270	4.6	2.4	3.1	8.4	0.8	166.4	0.3	100	30.3	20.6	13	1	0.3	27	1.8
RHRC183	72	76	4	**391**	169	3.5	1.8	2	6.1	0.6	83.1	0.2	58.8	17.1	17.5	8.8	0.7	0.2	19.4	1.6
RHRC183	76	80	4	**420**	183.7	3.7	1.8	2.1	6.3	0.6	91.7	0.2	62.9	18.4	17	9.2	0.8	0.2	19.9	1.6
RHRC183	80	84	4	**467**	200.3	3.3	1.6	2.1	5.9	0.6	113.8	0.2	70.2	21.5	17.5	9.3	0.7	0.2	18.1	1.4
RHRC183	84	88	4	**1041**	451	6.2	2.9	4.9	13.4	1	264.8	0.3	170.8	53.1	11	21.9	1.5	0.4	35.9	2.2
RHRC183	88	92	4	**299**	118.6	3.1	1.6	1.9	5.2	0.6	62.3	0.2	46.4	13.1	20.2	7	0.6	0.2	17.2	1.3
RHRC183	92	96	4	**253**	92.1	2.9	1.5	1.6	4.7	0.5	49.5	0.2	37.8	10.6	27.6	6.2	0.6	0.2	15.4	1.2
RHRC183	96	100	4	**288**	111.2	2.9	1.5	1.7	4.8	0.5	64.2	0.2	43.4	12.5	20.7	6.4	0.6	0.2	15.9	1.2
RHRC183	100	104	4	**735**	322.7	4.7	2.1	3.7	9.9	0.8	176.1	0.2	121	36	14.4	16.4	1.1	0.2	24.1	1.5
RHRC183	104	108	4	**1572**	704.3	9.9	4	8.2	22.1	1.5	381.3	0.4	261.7	78.5	10.3	36.8	2.3	0.5	47.2	2.8
RHRC183	108	112	4	**1054**	445.3	9.3	4.1	6.7	19	1.5	236.2	0.4	184.2	53.2	10.7	27.9	2.1	0.5	49.5	3.1
RHRC183	112	116	4	**399**	170	3.2	1.7	2.2	5.6	0.6	87.1	0.2	64.1	18.7	17.3	8.8	0.7	0.2	17.6	1.3

Hole ID	From (m)	To (m)	Interval (m)	TREO (ppm)	Ce2O3 (ppm)	Dy2O3 (ppm)	Er2O3 (ppm)	Eu2O3 (ppm)	Gd2O3 (ppm)	Ho2O3 (ppm)	La2O3 (ppm)	Lu2O3 (ppm)	Nd2O3 (ppm)	Pr6O11 (ppm)	Sc2O3 (ppm)	Sm2O3 (ppm)	Tb4O7 (ppm)	Tm2O3 (ppm)	Y2O3 (ppm)	Yb2O3 (ppm)
RHRC183	116	120	4	**457**	183.8	4.7	2.3	2.9	8.1	0.8	101	0.3	71.1	20.3	21.6	11.3	1	0.3	25.8	1.8
RHRC183	120	124	4	**374**	151.5	3.5	1.8	2	5.6	0.6	82.8	0.2	56.1	16.6	23.6	8	0.7	0.2	19.3	1.5
RHRC183	124	128	4	**701**	313.8	4	2	3	7.7	0.7	177.1	0.2	105	32.7	17.9	12.7	0.9	0.2	21.8	1.5
RHRC183	128	132	4	**381**	157.9	3.1	1.7	1.9	5.1	0.5	97.7	0.2	53	16	17.6	7.2	0.6	0.2	17.3	1.3
RHRC183	140	144	4	**264**	98.4	3.2	1.7	1.8	4.9	0.6	52.8	0.2	40.8	11.1	23.3	6.5	0.6	0.2	16.8	1.4
RHRC183	144	148	4	**435**	181.6	3.3	1.7	2	5.5	0.6	108.1	0.2	59.9	18.6	25.2	8.1	0.7	0.2	17.6	1.3
RHRC183	148	152	4	**373**	152	3.4	1.7	2	5.6	0.6	84.6	0.2	55.8	16.4	21.9	7.8	0.7	0.2	18.6	1.4
RHRC183	152	156	4	**356**	145.5	3.1	1.6	1.9	5.2	0.6	82.6	0.2	52.4	15.7	19.6	7.7	0.6	0.2	17.4	1.3
RHRC183	156	160	4	**355**	144.1	3.3	1.6	2	5.3	0.6	81.5	0.2	52.8	15.7	20.4	7.7	0.7	0.2	17.5	1.3
RHRC183	160	164	4	**291**	106.5	3.6	1.9	1.9	5.4	0.6	54.9	0.2	44.9	12.5	29	7.3	0.7	0.3	19.5	1.5
RHRC183	164	166	2	**314**	123.7	3.3	1.7	1.8	5.6	0.6	61.1	0.2	50.8	14.5	16.9	8.1	0.7	0.2	23	1.5
RHRC184	40	44	4	**289**	102.4	4.6	2.1	2.1	6.4	0.8	61.1	0.3	43.6	12.8	23.8	7.6	0.9	0.3	18.2	1.8
RHRC184	44	48	4	**322**	164.6	3.9	2.2	1.5	4.9	0.7	47	0.3	32.2	9.5	27.9	5.6	0.7	0.3	19.2	1.8
RHRC184	48	52	4	**603**	403.6	4.7	2.7	2	5.7	0.9	54.4	0.3	49.3	13.7	28.7	8	0.8	0.4	25.1	2.4
RHRC184	52	56	4	**837**	286.7	9.1	4.9	5.1	15	1.6	203.2	0.5	160	47.3	25.8	23.5	1.9	0.6	47.7	4
RHRC184	56	60	4	**1109**	302.1	15.8	9.9	8	26.8	3.2	273.9	1.1	221.4	60	18.1	32.5	3	1.3	124.7	7.4
RHRC184	60	64	4	**349**	135.3	3.7	2.4	1.9	6.1	0.7	68.4	0.3	56.6	15.9	19.3	8.6	0.7	0.3	26.5	2.1
RHRC184	64	68	4	**626**	275.5	4.7	2.4	2.9	8.2	0.8	146.3	0.3	96.9	29.3	15.5	12.6	1	0.3	27.3	1.9
RHRC184	68	72	4	**1669**	769	5.7	2.5	5	12.6	1	496.1	0.3	228.1	76.3	13	23.7	1.3	0.3	32.7	1.8
RHRC184	72	76	4	**284**	110.9	3.2	1.8	1.6	4.9	0.6	55.7	0.2	44.5	12.5	21.9	6.7	0.6	0.2	17	1.5
RHRC184	76	80	4	**262**	98.2	3.4	2	1.6	5.1	0.6	47.8	0.2	40.5	11.1	22.5	6.8	0.7	0.3	19.1	1.6
RHRC184	80	84	4	**295**	112.9	3.9	2.1	1.9	6.1	0.7	55.7	0.3	48	13.1	18.7	7.8	0.8	0.3	20.8	1.8
RHRC184	84	88	4	**898**	403.2	4.5	2.1	3.6	9.4	0.7	246.5	0.2	130.9	41.3	13.3	15.6	1	0.3	24.3	1.5
RHRC184	88	92	4	**664**	288.2	4.5	2.3	2.9	8.3	0.8	169.6	0.3	98.2	30.3	16.7	12.9	1	0.3	25.6	1.8
RHRC184	92	96	4	**3617**	1724.6	9	3.1	12.1	27.9	1.3	966.6	0.3	568.7	180.7	15.8	60.3	2.4	0.4	42.2	2
RHRC184	96	100	4	**545**	234.8	4.1	2.1	2.5	7.2	0.7	129.8	0.2	83.1	25.1	17.9	11.3	0.9	0.3	22.7	1.8
RHRC184	100	104	4	**340**	136	3.6	2	2	5.9	0.7	69.8	0.2	55.1	15.5	17.5	8.3	0.7	0.3	20.3	1.6
RHRC184	104	108	4	**303**	118	3.8	2	1.9	5.9	0.7	60.5	0.2	49.2	13.7	16.7	7.9	0.7	0.3	20.3	1.7
RHRC184	112	116	4	**257**	97	3.5	2	1.7	5.3	0.6	47.3	0.2	42.1	11.5	16.9	6.9	0.7	0.3	19.8	1.6
RHRC184	116	120	4	**409**	171.1	3.6	1.9	2.1	6	0.6	91.6	0.2	64.6	19.2	16.9	8.8	0.7	0.3	20.1	1.5
RHRC184	120	124	4	**356**	143.3	3.8	2	2	6.1	0.7	78.6	0.2	54.6	16	17.2	8.3	0.8	0.3	20.6	1.7
RHRC184	124	128	4	**363**	149.2	2.9	1.6	1.9	5.1	0.5	84.7	0.2	54.6	16.1	19.5	7.6	0.6	0.2	16.6	1.3
RHRC184	136	140	4	**346**	140	3	1.5	1.9	5.2	0.5	79.8	0.2	52.6	15.3	19.6	7.5	0.6	0.2	16.4	1.2
RHRC184	140	144	4	**276**	108.1	2.9	1.5	1.8	4.7	0.5	57.4	0.2	43.9	12.4	18.1	6.5	0.6	0.2	15.7	1.2

Hole ID	From (m)	To (m)	Interval (m)	TREO (ppm)	Ce2O3 (ppm)	Dy2O3 (ppm)	Er2O3 (ppm)	Eu2O3 (ppm)	Gd2O3 (ppm)	Ho2O3 (ppm)	La2O3 (ppm)	Lu2O3 (ppm)	Nd2O3 (ppm)	Pr6O11 (ppm)	Sc2O3 (ppm)	Sm2O3 (ppm)	Tb4O7 (ppm)	Tm2O3 (ppm)	Y2O3 (ppm)	Yb2O3 (ppm)
RHRC184	144	148	4	**317**	124.2	3.4	1.7	2	5.5	0.6	67	0.2	49.6	13.9	21.2	7.5	0.7	0.2	18.2	1.4
RHRC184	148	152	4	**262**	99.8	3.1	1.6	1.8	4.9	0.5	50.9	0.2	42.2	11.6	20.2	6.7	0.6	0.2	16.6	1.3
RHRC184	152	156	4	**346**	133.4	3.8	2.1	2.1	6.2	0.7	71.1	0.2	53.9	15.2	25.3	8.3	0.8	0.3	21.4	1.7
RHRC184	156	160	4	**280**	106.5	3.4	1.8	1.9	5.3	0.6	54	0.2	45	12.3	21.3	7.3	0.7	0.2	18.4	1.5
RHRC184	164	166	2	**292**	111.9	3.2	1.7	1.8	5.3	0.6	59.9	0.2	44.6	12.6	24.1	7	0.6	0.2	16.6	1.3
RHRC185	36	40	4	**274**	102.9	4.3	2.5	1.7	5.3	0.8	56.1	0.3	42	12.8	14.9	6.9	0.8	0.4	20.1	2.2
RHRC185	40	44	4	**288**	109.4	3.9	1.9	1.7	5.3	0.7	65	0.2	41	12.3	20.1	6.5	0.8	0.3	17.3	1.5
RHRC185	44	48	4	**407**	220.2	3.8	1.7	1.8	5.5	0.6	59	0.2	44.1	13	31.6	7.2	0.7	0.2	15.7	1.3
RHRC185	48	52	4	**465**	209.9	4.9	2.5	2.7	7.7	0.9	75.7	0.3	75.6	20.5	25.2	11.7	1	0.3	24	2
RHRC185	52	56	4	**520**	179.5	7.6	4	3.8	11.8	1.4	106.3	0.4	98.6	26.3	21.9	15.9	1.5	0.5	37.6	3.2
RHRC185	56	60	4	**610**	224.8	8	5.2	3.2	11.7	1.7	136.6	0.6	87.5	24.5	23	12.8	1.4	0.7	64.5	4.1
RHRC185	60	64	4	**256**	92.1	3.1	1.8	1.6	4.7	0.6	52.4	0.2	40.9	11.4	19.9	6.6	0.6	0.3	17.9	1.5
RHRC185	76	80	4	**292**	108.6	3.9	2	1.9	5.9	0.7	59.4	0.2	47.3	13.1	17.5	7.7	0.7	0.3	21.5	1.7
RHRC185	80	84	4	**290**	109.2	3.6	2	1.7	5.5	0.7	58.3	0.2	44.6	12.5	21	7.2	0.7	0.3	20.5	1.7
RHRC185	84	88	4	**268**	100.4	3.6	2	1.7	5.4	0.7	51	0.2	42.1	11.7	19.2	7	0.7	0.3	20.6	1.7
RHRC185	88	92	4	**346**	139.3	3.5	1.9	1.8	5.5	0.6	77.5	0.2	54.1	15.7	16.1	7.7	0.7	0.3	19.3	1.6
RHRC185	92	96	4	**736**	297.9	6.7	2.7	4.7	14.1	1.1	167.6	0.3	129.4	36	19.5	20.2	1.6	0.3	31.7	1.9
RHRC185	96	100	4	**1566**	705.2	7.7	3.1	6	16.1	1.2	445.5	0.3	218.9	72.4	18.1	26.9	1.8	0.4	39.9	2.2
RHRC185	100	104	4	**280**	105.8	3.7	2	1.8	5.6	0.7	53.6	0.2	45.3	12.4	18.4	7.4	0.7	0.3	20.2	1.7
RHRC185	104	108	4	**295**	112.1	3.7	2	1.9	5.6	0.7	61.1	0.2	47.5	13.3	15.8	7.8	0.7	0.3	20.7	1.6
RHRC185	108	112	4	**251**	91.4	3.8	2	1.8	5.6	0.7	43	0.2	42.5	11.3	18.4	7.1	0.7	0.3	20.5	1.7
RHRC185	112	116	4	**252**	91.8	3.9	2.1	1.8	5.7	0.7	41.5	0.3	43	11.3	18.7	7.4	0.7	0.3	20.9	1.7
RHRC185	124	128	4	**250**	92.8	3.6	2	1.7	5.4	0.7	43.6	0.2	41.5	11.1	18.1	6.9	0.7	0.3	20.2	1.7
RHRC185	128	132	4	**278**	104.7	3.6	2	1.8	5.5	0.7	51.8	0.2	45.8	12.5	18.6	7.4	0.7	0.3	20.4	1.7
RHRC185	132	136	4	**274**	103.6	3.7	2	1.7	5.4	0.7	52	0.2	43.1	11.9	19.8	7	0.7	0.3	20.3	1.6
RHRC185	136	140	4	**378**	149.7	4.8	2.4	2.6	7.9	0.8	75.4	0.3	64.4	17.5	13.8	10.4	1	0.3	24.8	1.8
RHRC185	140	144	4	**1155**	467.9	12.4	4.1	9.4	27.9	1.8	212.3	0.3	234.2	61.4	26.4	39.5	3	0.4	51.4	2.4
RHRC185	144	148	4	**841**	339.4	9	3.3	6.5	19.9	1.4	158.5	0.3	164.9	42.4	23.3	27.6	2.1	0.4	40.6	2
RHRC185	148	152	4	**271**	102.5	3.5	2	1.8	5.5	0.6	52.6	0.2	44.2	12	16.9	7.2	0.7	0.3	19.6	1.6
RHRC185	156	160	4	**348**	136.7	3.7	2	1.8	5.5	0.7	80.4	0.2	50.5	14.8	21	7.4	0.7	0.3	20.7	1.6
RHRC185	164	166	2	**300**	120.3	3.2	1.7	1.7	5.1	0.6	67	0.2	44.8	13	16.3	6.7	0.6	0.2	17.1	1.4
RHRC186	40	44	4	**355**	201.6	3.4	2	0.7	2.1	0.6	4.2	0.3	5.8	1.5	118.7	1.9	0.5	0.3	9.2	2.1
RHRC186	44	48	4	**435**	174.7	6.7	3.3	2.4	6.4	1.1	31.6	0.4	37.6	10	130.8	8.7	1.2	0.5	16.7	3.3
RHRC186	56	60	4	**260**	32.9	6.2	3.1	1.9	6.8	1.1	16	0.4	22.9	5.4	131.3	5.8	1.1	0.4	22.3	2.8

Hole ID	From (m)	To (m)	Interval (m)	TREO (ppm)	Ce2O3 (ppm)	Dy2O3 (ppm)	Er2O3 (ppm)	Eu2O3 (ppm)	Gd2O3 (ppm)	Ho2O3 (ppm)	La2O3 (ppm)	Lu2O3 (ppm)	Nd2O3 (ppm)	Pr6O11 (ppm)	Sc2O3 (ppm)	Sm2O3 (ppm)	Tb4O7 (ppm)	Tm2O3 (ppm)	Y2O3 (ppm)	Yb2O3 (ppm)
RHRC186	64	68	4	**390**	8.8	16.9	11.8	3.3	16.3	3.7	57.8	1.3	39.3	9.3	51.1	8.8	2.6	1.4	149.7	8.2
RHRC187	40	44	4	**368**	118.6	6.6	3.1	3.4	9.1	1.1	61.3	0.4	64.6	18	36	12.8	1.3	0.4	28.2	2.7
RHRC187	44	48	4	**481**	157.7	12.3	5.9	5.1	15.4	2	84.2	0.8	81.7	21.2	21.8	16.5	2.3	0.8	48.4	5
RHRC187	48	52	4	**257**	66.5	7.7	4.6	2.7	9.3	1.4	38.6	0.6	37.8	9.2	23.5	8	1.4	0.6	41.5	4.1
RHRC187	52	56	4	**701**	56.4	37.9	29.4	4.9	28.4	8.7	32.7	3.8	37.6	8.2	22.5	11.4	5.3	3.7	387.9	21.9
RHRC223	40	44	4	**285**	97.8	4.4	2.2	1.9	5.5	0.8	67.9	0.3	42.4	13.1	19.3	7	0.8	0.3	19.4	1.7
RHRC223	44	48	4	**628**	318.2	7.5	3.7	3.9	11.1	1.3	84.8	0.4	88.6	23.2	27.9	15.6	1.4	0.5	37.2	2.8
RHRC223	100	104	4	**580**	246.8	4.8	2.4	3	8	0.8	139.8	0.3	87.4	26.5	19.2	12.5	1	0.3	25.3	1.8
RHRC223	104	108	4	**404**	163.1	4.2	2.1	2.1	6.1	0.7	92	0.3	60.9	18.1	19.6	8.8	0.8	0.3	23.3	1.7
RHRC223	136	140	4	**332**	127.5	4	2.1	2.2	6	0.7	67.6	0.3	53.9	14.9	19.8	8.7	0.8	0.3	21.5	1.6
RHRC223	140	144	4	**449**	176.1	4.9	2.3	3.6	9	0.8	80.2	0.3	84	22.4	24.4	13.7	1	0.3	24.9	1.6
RHRC223	156	160	4	**346**	131.9	4.3	2.1	2.7	7.3	0.7	58.8	0.2	64.2	16.8	21	10.8	0.8	0.3	22.5	1.6
RHRC253	32	36	4	**531**	363.7	3.9	2.7	1.4	3.7	0.8	28.8	0.5	25.2	7.2	64.4	4.9	0.6	0.4	19.7	3.2
RHRC253	36	40	4	**763**	515.5	7	4.5	2.7	7.5	1.4	49.8	0.8	51.8	14.5	55.7	10	1.2	0.7	35	5
RHRC253	40	44	4	**381**	244.7	2.6	1.8	1	3	0.5	22.3	0.3	19.4	5.5	55.4	3.5	0.4	0.3	18.6	1.7
RHRC253	44	48	4	**441**	237.4	2.5	1.5	1.5	3.7	0.4	67.3	0.2	39.3	12.5	52	5.9	0.5	0.2	14.7	1.6
RHRC253	48	52	4	**566**	454.6	2.2	1.3	1.2	2.9	0.4	29.3	0.2	26.1	7.7	21.2	4.5	0.4	0.2	12.5	1.5
RHRC253	52	56	4	**1113**	509.4	9.6	4.9	5.7	15.5	1.7	245.2	0.5	168.6	52.8	10.1	22.9	2	0.6	59.3	3.9
RHRC253	56	60	4	**23182**	162	520	322	231	733	102	8915	40	5867	1734	15	837	96	42	3302	264
RHRC253	60	64	4	**485**	87.8	8.6	6.3	3	11	1.9	119.4	0.7	71.7	20.1	40.6	10.3	1.5	0.8	96.6	4.6
RHRC253	64	68	4	**450**	81.6	8.2	5.5	3.2	10.3	1.7	107.1	0.7	70.3	19.7	52.9	11.1	1.4	0.7	71.3	4.5
RHRC253	68	72	4	**263**	61.6	4.8	3.1	1.9	5.7	1	42.3	0.4	34.7	9.2	54.6	6.3	0.8	0.4	33.7	2.8
RHRC253	72	76	4	**304**	108.5	3.5	2	2.1	5.6	0.6	55.3	0.3	54	14.1	22.5	8.5	0.7	0.3	24.2	1.8
RHRC253	76	80	4	**333**	107.1	4.5	2.7	2	5.6	0.9	55.8	0.3	49.2	13.4	52.3	7.3	0.8	0.4	28.2	2.4
RHRC253	92	96	4	**268**	73.4	4.4	2.9	1.5	4.8	0.9	40.1	0.4	33	9.3	61	5.3	0.8	0.4	27.9	2.5
RHRC253	96	100	4	**273**	78.5	4.5	2.8	1.6	5.1	0.9	41.7	0.4	35	9.6	55.8	5.8	0.8	0.4	28	2.5
RHRC253	100	104	4	**307**	88.1	4.5	2.8	2	5.6	0.9	46.5	0.4	45.9	12.1	58.1	7.1	0.8	0.4	28.9	2.5
RHRC253	104	108	4	**565**	202.4	6.3	3.3	4.1	10.5	1.1	94.9	0.4	106.2	27.3	49.5	16.1	1.3	0.4	38.5	2.6
RHRC253	108	112	4	**450**	157.3	4.8	2.9	2.8	7.3	1	73.5	0.4	77.2	20.4	56.3	11.2	0.9	0.4	30.8	2.4
RHRC253	112	116	4	**255**	67.9	4.1	2.7	1.5	4.4	0.9	37	0.4	31.5	8.7	60.7	4.7	0.7	0.4	26.5	2.5
RHRC253	116	120	4	**281**	79.7	4.5	3	1.7	5.2	0.9	40.4	0.4	38.1	10.2	58.4	6.2	0.8	0.4	28.5	2.5
RHRC253	120	124	4	**330**	115.7	4.1	2.3	2	5.7	0.8	62.1	0.3	50.8	14.2	36.8	7.7	0.8	0.3	24.9	2
RHRC253	124	128	4	**298**	128.1	2.4	1.1	1.7	4.4	0.4	70.8	0.2	48.3	14.5	2.9	6.6	0.5	0.1	14.5	1
RHRC253	128	132	4	**293**	127.5	2.3	1.1	1.7	4.3	0.4	68.6	0.1	48.4	14.5	2	6.9	0.5	0.1	14	0.9

Hole ID	From (m)	To (m)	Interval (m)	TREO (ppm)	Ce2O3 (ppm)	Dy2O3 (ppm)	Er2O3 (ppm)	Eu2O3 (ppm)	Gd2O3 (ppm)	Ho2O3 (ppm)	La2O3 (ppm)	Lu2O3 (ppm)	Nd2O3 (ppm)	Pr6O11 (ppm)	Sc2O3 (ppm)	Sm2O3 (ppm)	Tb4O7 (ppm)	Tm2O3 (ppm)	Y2O3 (ppm)	Yb2O3 (ppm)
RHRC253	132	136	4	**293**	128.6	2.3	1.1	1.7	4.4	0.4	67.1	0.1	48	14.6	2.1	6.9	0.5	0.1	14.4	1
RHRC253	140	144	4	**293**	125.8	2.3	1.1	1.6	4.4	0.4	69.4	0.2	48.3	14.4	1.8	6.9	0.5	0.1	14.8	1
RHRC253	144	148	4	**260**	87.5	3.3	1.9	1.6	4.4	0.6	48.8	0.3	38.6	10.7	33.4	5.6	0.6	0.3	20.9	1.7
RHRC253	148	152	4	**256**	67.3	4.2	2.8	1.8	5.3	0.9	35.9	0.4	35.8	9	56.3	6.2	0.7	0.4	26.9	2.4
RHRC254	4	8	4	**300**	43.7	1.7	0.8	0.6	1.5	0.2	6.3	0.1	10.4	2.8	223.8	2.2	0.2	0.1	4.6	1
RHRC254	32	36	4	**1033**	213.6	17.4	7.9	9.6	31.5	3	285.1	0.7	227.4	59	41.6	35.4	3.8	0.9	91	4.9
RHRC254	36	40	4	**1443**	338.6	23.4	12.9	11.4	34.3	4.4	351.5	1.4	299.7	81.6	77.9	44.6	4.6	1.6	145.2	10
RHRC254	40	44	4	**277**	51.3	7.4	5.2	1.8	7.5	1.6	31.8	0.6	26.5	6.6	69.2	5.5	1.2	0.7	56	4.3
RHRC254	44	48	4	**280**	60.4	6.3	4.2	1.7	6.3	1.3	42.8	0.5	27.5	7.4	69.3	5.4	1	0.6	41.4	3.7
RHRC254	48	52	4	**469**	163.1	5.8	3.7	2.2	6.6	1.2	101.7	0.5	57.5	18.1	59.4	7.7	1	0.5	37.1	3.2
RHRC254	52	56	4	**338**	94.9	6	3.9	1.8	6.1	1.2	56.6	0.5	36.6	10.7	71	6	1	0.5	37.6	3.5
RHRC254	56	60	4	**462**	149.1	6.8	4.1	2.7	8.1	1.3	82.3	0.5	64.9	18.6	67.8	9.7	1.2	0.5	41	3.5
RHRC254	60	64	4	**442**	154.3	5.6	3.1	2.8	7.9	1	84.1	0.4	67.8	19	50.5	10.4	1.1	0.4	30.7	2.4
RHRC254	64	68	4	**304**	86.5	5.5	3.3	1.9	6.4	1	43.5	0.4	39.3	10.5	62.1	7	1	0.4	32.7	2.8
RHRC254	68	72	4	**275**	75.3	4.8	2.8	2	6	0.9	39.4	0.4	37.6	9.8	57.8	6.6	0.9	0.4	27.6	2.4
RHRC254	72	76	4	**476**	173.8	6.3	3.1	3.3	9.6	1.1	90.5	0.4	76.6	21.2	40.6	12.2	1.3	0.4	32.9	2.5
RHRC254	76	80	4	**287**	87.8	3.7	2.1	1.6	4.9	0.7	49	0.3	36.8	10.2	60.3	5.7	0.7	0.3	21.5	1.7
RHRC254	80	84	4	**682**	265.3	6.1	2.7	3.8	10.5	1	136	0.3	108.3	31	66.4	15.1	1.3	0.3	32.2	1.8
RHRC254	108	112	4	**424**	157.3	4.7	2.4	2.7	7.4	0.8	84.7	0.3	71.5	20.2	32.7	10.5	0.9	0.3	26.1	1.9
RHRC254	128	132	4	**365**	149.6	2.7	1.5	1.9	5.2	0.5	91	0.2	56.3	17.1	10.9	7.7	0.6	0.2	18.6	1.3
RHRC257	12	16	4	**281**	13.6	2.2	1.3	0.5	1.9	0.4	4.8	0.2	6.1	1.5	235.8	1.6	0.3	0.2	9.7	1.1
RHRC257	16	20	4	**282**	11.8	3.3	2	0.8	3	0.6	6.9	0.3	8.7	2.2	221.3	2.4	0.5	0.3	16.4	1.7
RHRC260	40	44	4	**1857**	135.3	73.1	39.6	23.7	90.8	13.3	418.8	4.4	365.8	91.2	47.5	74.5	13.2	4.9	432.6	28.4
RHRC260	44	48	4	**413**	42.9	18.7	12.5	3.8	17.8	3.9	51.5	1.2	48.2	11.4	22.9	10.7	3	1.5	154.9	8.1

Table 4. All REO assay results >250ppm TREO from drilling at Black Cat (excludes data reported in previous announcements)

About Kairos Minerals

Kairos Minerals (ASX:KAI) owns 100% of the flagship 1.6 Mozs **Mt York Gold Project** that was partially mined by Lynas Gold NL between 1994 and 1998. Kairos has recognised that the resource has significant potential to grow further from its current 1.62 Moz base with significant exploration potential existing within the Mt York project area. Pre-feasibility work will progress rapidly underpinned by the resource expansion work that will collect important information for metallurgical testwork, mining and process engineering to determine viability and optimal pathway to develop a sustainable, long-lived mining project. Current resources at a 0.5 g/t Au cutoff grade above 325m depth are shown in the table below.

Deposit	Indicated			Inferred			Total		
	Tonnes (MT)	Au (g/t)	Ounces (kozs)	Tonnes (MT)	Au (g/t)	Ounces (kozs)	Tonnes (MT)	Au (g/t)	Ounces (kozs)
Main Trend	20.25	1.06	690	22.83	0.95	697	43.08	1.00	1385
Iron Stirrup	1.28	1.72	70	0.71	1.54	35	1.99	1.66	106
Old Faithful	2.17	1.07	75	2	0.81	52	4.17	0.95	127
Total	**23.7**	**1.10**	**835**	**25.54**	**0.95**	**784**	**49.24**	**1.02**	**1618**

Kairos has recently discovered spodumene-bearing pegmatites adjacent to the Mt York Gold Project and is evaluating their potential to become part of a value-adding lithium project into the future.

Kairos's 100%-owned Roe Hills Project, located 120km east of Kalgoorlie in WA's Eastern Goldfields, comprises an extensive tenement portfolio where the Company's exploration work has confirmed the potential for significant discoveries of high-grade gold, nickel and cobalt mineralization. Kairos has also discovered a 2,800m long Li-Cs-Rb soil anomaly in an exciting and emerging lithium province that will be drill-tested.

This announcement has been authorised for release by the Board.

Peter Turner
Managing Director

Zane Lewis
Non Executive Director

For Investor Information please contact:

Paul Armstrong – Read Corporate
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COMPETENT PERSON STATEMENT:

The information in this report that relates to Exploration Results is based on information compiled and reviewed by Mr Mark Falconer, who is a full-time employee of Kairos Minerals Ltd and who is also a Member of the Australian Institute of Geoscientists (AIG). Mr Falconer has sufficient experience that is relevant to the style of mineralisation and type of deposits under consideration and to the activity which they are undertaking to qualify as Competent Persons as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves.' (the JORC Code 2012). Mr Falconer has consented to the inclusion in the report of the matters based on their information in the form and context in which it appears.

Appendix A - JORC Code, 2012 Edition – Table 1

Section 1 Sampling Techniques and Data

Criteria	JORC Code explanation	Commentary
Sampling techniques	• *Nature and quality of sampling (eg 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 (eg '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 (eg submarine nodules) may warrant disclosure of detailed information.*	• Sampling was undertaken using reverse circulation (RC) drilling. • All drilling and sampling was undertaken using industry standard methods. • RC drilling depths were monitored by the driller using 1m depth intervals calibrated and marked on the drilling equipment. Sample lengths were also verified by Kairos personnel through visual assessment of individual sample volumes. • RC holes were sampled on a 1m basis with samples collected in calico bags from a cyclone-mounted cone splitter located at the drill rig. • 4m composite samples were collected by scoop from individual meter intervals. • Sampling was carried out under Kairos Minerals sampling protocols and QAQC procedures. See further details below. • The samples are considered representative and appropriate for the methods of drilling used. • 4m composite samples were routinely dispatched for Lithium and Multi-element analysis, with selected intervals of 1m samples submitted where pegmatite or other geological intervals were recorded along with intervals of surrounding country rock. • 4m composite samples were assayed for gold by fire assay
Drilling techniques	• *Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg 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).*	• RC drilling was conducted using a 5 ½ inch bit and 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.*	• RC samples were visually assessed for recovery. • The majority of RC samples were dry. Some deeper drillholes encountered water and efforts were made by the drillers to minimise the amount of water in the sample and to maximise recovery. • Recovery of RC samples is considered good, with some minor sample loss near the very

Criteria	JORC Code explanation	Commentary
		top of some holes. • RC samples were collected directly from a cone splitter on the drill rig cyclone and are considered representative in nature. • No sample bias is observed.
Logging	• *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.* • *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* • *The total length and percentage of the relevant intersections logged.*	• All RC chips were geologically logged by company geologists using the Kairos Minerals logging scheme and were entered in to the companies acQuire database. • Logging of RC chips records colour, lithology, grain size, structure, mineralogy, alteration, weathering and various other features of the samples. • All holes were logged in full. • All RC chips were photographed in labelled chip trays.
Sub-sampling techniques and sample preparation	• *If core, whether cut or sawn and whether quarter, half or all core taken.* • *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* • *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* • *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* • *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.*	• RC samples were sampled using a cone splitter mounted on the drill rig cyclone, with an average 2.0kg to 3.0kg sample collected directly into a numbered calico bag. >95% of samples were collected dry • The quality of RC samples was ensured through monitoring of sample volumes and by regular cleaning of the cyclone and cone splitter on the drill rig. • Samples were prepared at Intertek Genalysis in Perth. Samples were dried, crushed and then pulverised to a pulp with 85% passing <75 µm. A sub-sample of approximately 200g was retained. • Sample sizes are considered appropriate for the material sampled.
Quality of assay data and laboratory tests	• *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 (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.*	• All samples were analysed by Intertek Genalysis in Perth. • 4m composites were submitted for multi-element analysis using 4-acid digest with ICP-MS and ICP-OES finish. • Intervals with identified pegmatites and their immediate country rock had 1m samples submitted for multi-element analysis using fusion digest which is considered a total digestion method. • Intervals identified as containing elevated rare earth elements in 4m composites at Black Cat have were re-submitted for fusion digest multi-element analysis. • Selected 4m composites were also submitted for 25g fire assay for gold, followed by an ICP-OES finish

Criteria	JORC Code explanation	Commentary
		• The analysis methods are considered appropriate for the nature of the material and mineralisation. • Certified standards and blanks were regularly inserted into the sample sequence at a minimum rate of 1:33 for standards and 1:33 for blanks to assess the accuracy of the analysis method. • Duplicate samples were collected at the rig and submitted at a rate of 1:33 samples. • The laboratory performed regular performance checks through analysis of laboratory standards, repeats, and control blanks. • QAQC performance was monitored by Kairos staff with action taken with the laboratory if required. • Acceptable levels of accuracy and precision have been established through monitoring and assessment of QAQC performance. • Selected samples were submitted to Microanalysis in Perth for semi-quantitative XRD analysis to determine pegmatite mineralogy
Verification of sampling and assaying	• *The verification of significant intersections by either independent or alternative company personnel.* • *The use of twinned holes.* • *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* • *Discuss any adjustment to assay data.*	• Significant mineralised intersections were checked by the Exploration Manager and validated against the logging and RC chips. Additional checks were performed by other members of the Kairos geology team. • No twinned drillholes were completed for this program. • All assay and geological data is stored in an electronic database hosted by acQuire and managed by the company's database consultant. • Primary laboratory data is emailed directly to the company's database consultant for upload directly into the company database. • Results are checked and verified by company geologists. • Assay intersections are reported on a length-weighted basis. • Lithium results are reported as Li2O%, with Li ppm coverted to Li2O% using the standard conversion factor of 2.153. • Multi-element data for rare earth elements have been converted to stoichiometric oxides using element-to-stoichiometric conversion factors listed in the table below:

<table>
<tr><th>Criteria</th><th>JORC Code explanation</th><th>Commentary</th></tr>
<tr><td></td><td></td><td>
<table>
<tr><th>Element ppm</th><th>Conversion Factor</th><th>Oxide Form</th></tr>
<tr><td>Ce</td><td>1.1713</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>1.1703</td><td>Pr_6O_{11}</td></tr>
<tr><td>Sc</td><td>1.5338</td><td>Sc_2O_3</td></tr>
<tr><td>Sm</td><td>1.1596</td><td>Sm_2O_3</td></tr>
<tr><td>Tb</td><td>1.151</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 an industry accepted form for reporting rare earth values
The following calculation is used for Total Rare Earth Oxide (TREO):
TREO = $CeO_2 + Dy_2O_3 + Er_2O_3 + Eu_2O_3 + Gd_2O_3 + Ho_2O_3 + La_2O_3 + Lu_2O_3 + Nd_2O_3 + Pr_6O_{11} + Sc_2O_3 + Sm_2O_3 + Tb_4O_7 + Tm_2O_3 + Y_2O_3 + Yb_2O_3$

</td></tr>
<tr><td>Location of data points</td><td>
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.
</td><td>
RC collar locations were set out and picked up using handheld GPS, with an accuracy of +/- 5m in both easting and northing.
Downhole surveys were completed on all drill holes using a Reflex Sprint IQ Gyroscope survey instrument with measurements recorded every 5m
All location data is recorded in GDA94 MGA Zone 51.
Topographic control is through a digital elevation model generated off regional SRTM elevation data on 30m centers.
</td></tr>
<tr><td>Data spacing and distribution</td><td>
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.
</td><td>
Drilling was conducted on traverses of 60m-100m spaced holes, with traverses ranging from 160m to 500m apart
The data spacing and distribution is considered appropriate and sufficient for first pass exploration drilling
Downhole samples were collected on 1m intervals as well as 4m composites
</td></tr>
<tr><td>Orientation of data in relation to geological structure</td><td>
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
</td><td>
Drilling was oriented approximately perpendicular to the strike of existing anomalism and mapped pegmatites at surface where possible.
The orientation of key structures, geology
</td></tr>
</table>

Criteria	JORC Code explanation	Commentary
	mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.	and mineralisation is not fully understood at this stage
Sample security	• *The measures taken to ensure sample security.*	• All samples were collected in the field at the project site in number-coded calico bags and placed within secure, labelled polyweave bags by company field personnel. • All samples were delivered directly to Intertek Genalysis in Kalgoorlie for delivery to Perth for final analysis.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• QAQC data was reviewed internally. • No external QAQC reviews or audits have been conducted.

Section 2 Reporting of Exploration Results

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 Roe Hills project consists of nineteen granted Exploration Licenses: E28/1935, E28/2117, E28/2118, E28/2548, E28/2585, E28/2593-E28/2597, P28/1292-P28/1300 inclusive. • E28/2585 partially overlaps with Hampton Location 16 privately owned land north of the trans-australian railway line. The mineral rights to the upper 45.72 metres of Location 16 belong to the private land owners. • Kairos is not aware of any existing impediments nor of any potential impediments which may impact ongoing exploration and development activities at the project site.
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• Broad reconnaissance exploration for gold has been conducted on the northern and western parts of tenement E28/2585 in the past by Poseidon Exploration (1990), Normandy Exploration (1995) and Integra Mining (2009) in the form of shallow RAB/Aircore drilling.
Geology	• *Deposit type, geological setting and style of mineralisation.*	**Regional Geology** • The Roe Hills project lies across granite-greenstones of the Archean Yilgarn Craton, with the local geology at Roe Hills consisting of a north-south trending mafic-ultramafic sequence intruded by granites. • The mineralisation targets are intrusion/shear zone-hosted Au deposits, spodumene-bearing LCT pegmatite deposits (lithium), and granite and syenite

Criteria	JORC Code explanation	Commentary
		related rare earth element mineralisation.
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:* o *easting and northing of the drill hole collar* o *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* o *dip and azimuth of the hole* o *down hole length and interception depth* o *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.*	• All drill hole location, orientation and hole length information material to the understanding of the exploration results is provided in the tables and figures included within the body of this announcement. • Information from historic holes drilled by Kairos Minerals at Roe Hills can be found in previous ASX releases. • No drill hole information from the reported program was excluded from this release.
Data aggregation methods	• *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg 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.*	• Results are reported as down hole length weighted averages • Significant intercepts for Lithium ar erported using a 0.1% Li2O minimum cut-off grade • Significant results for gold are reported using a 0.3g/t gold minimum cutoff grade. • Significant results for rare earth elements are reported using a 500ppm TREO minimum cut-off grade • Reported intercepts for TREO may include up to 12m of internal dilution below the 500ppm TREO minimum cut off grade. • No top cuts have been applied to the reporting of the assay results.
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 (eg 'down hole length, true width not known').*	• All mineralisation widths for exploration holes are reported as down hole lengths. • True widths of mineralisation are not known at this stage
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 Figures and Tables provided in the body of this announcement.
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*	• All exploration results received from the drill program have been been reported. • The information reported in considered

Criteria	JORC Code explanation	Commentary
	practiced to avoid misleading reporting of Exploration Results.	fair, balanced, and provided in context.
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.*	• All meaningful and material exploration data has been included in the body of this document.
Further work	• *The nature and scale of planned further work (eg 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.*	• A gravity survey is currently underway at Roe Hills North to help identify intrusions under cover and assist in exploration targeting • Material has been selected for preliminary metallurgical testwork • A project review is in progress and an aircore program is being designed in order to test for additional REE mineralisation if warranted.