DUE DILLIGENCE CONFIRMATION OF MAKUUTU MINERALISATION BEARING RARE EARTHS

HIGHLIGHTS

- **Due diligence completed on the Makuutu Rare Earth Project demonstrates the substantial scale of the project**
- **Confirmatory assays on selected historical drilling samples, confirm the presence of rare earths in Makuutu mineralisation and the quantum of their original analysis**
- **Rare earths are dominantly hosted in clay and laterite mineralised zones**
- **Drilling data shows the consistent nature of the mineralisation over several kilometres**

Oro Verde Limited (ASX: OVL) ("Oro Verde" or "the Company") is pleased to provide an information update on the Makuutu Rare Earths project (**Makuutu**) located in Uganda.

Overview

As announced on the 2 July 2019, the Company entered into an agreement to acquire up to 60% of Rwenzori Rare Metals and its Makuutu Rare Earths Project in Uganda. The Makuutu Project hosts ionic clay rare earth mineralisation, which is considered analogous to the rare earth mines located in Southern China, which are globally the most readily accessible source of heavy Rare Earth Oxides (**HREO**) that are extracted through rudimentary mining and processing methods. These projects are becoming strategically important to secure the supply of critical and heavy rare earths.

The project comprises three licences covering approximately 134 km^2 located 40 km east of the regional centre of Jinja and 120 km east of the capital city of Kampala in eastern Uganda. The Makuutu project tenement details are summarised in Table 1 and the location is illustrated in Figure 1.

Table 1. Makutu Project Tenement Details.

Licence ID	Licence Type	Application Date	Granted Date	Expiry Date	Area (km^2)
RL 1693	Retention	11/07/2017	02/11/2017	01/11/2020[1]	43.78
EL 1766	Exploration	07/04/2017	06/07/2018	05/07/2021	47.02
TN 3115	Retention Application	27/03/2019	Pending	Pending	43.38

[1] RL 1693 may be extended for another two-year period to Nov 2022 prior to application for a mining licence.

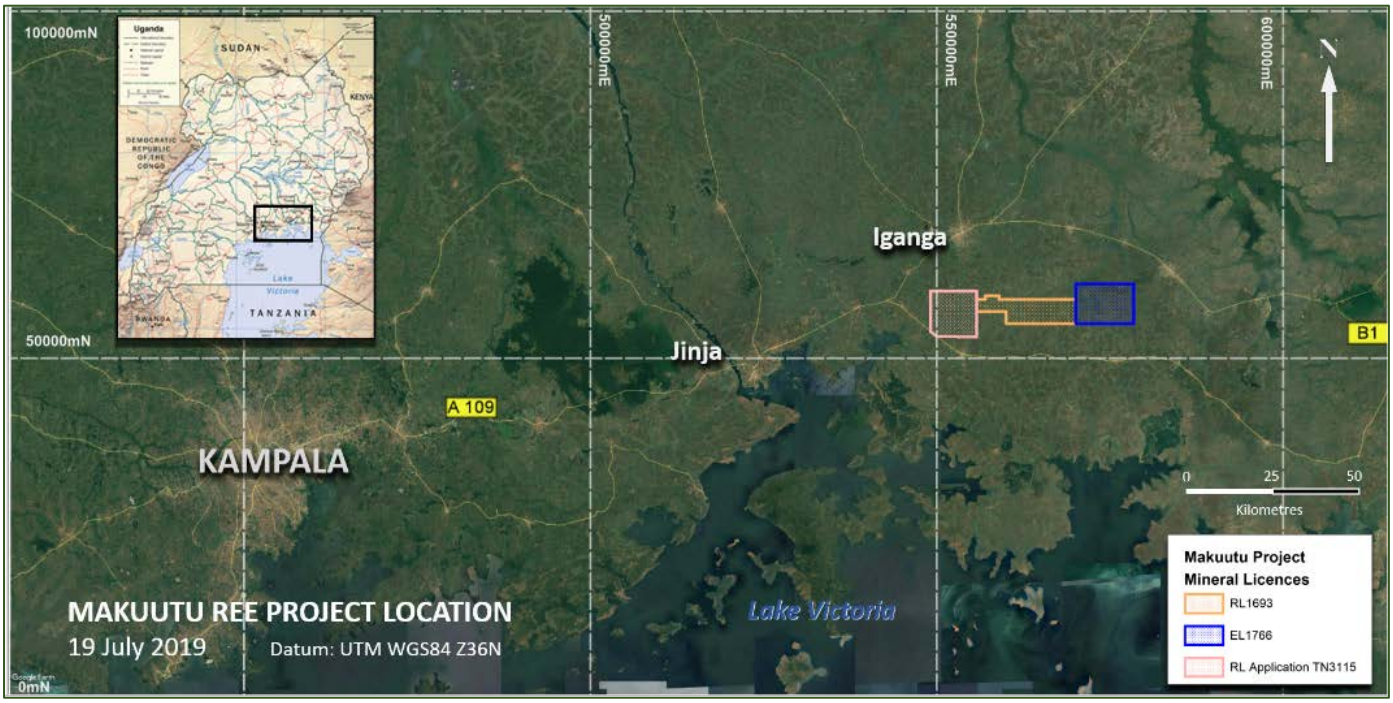

Figure 1. Makuutu Rare Earth Project Location.

Previous Exploration

Previous exploration has included shallow pit excavation and sampling, a single diamond drill hole with the most recent and substantive activity being a 2,043 m / 109 hole RAB drilling program. This RAB program was undertaken in 2017 by Rwenzori Rare Metals. These programs have identified the REO mineralisation dominantly hosted in the near surface laterite and clay zones of a weathered sedimentary sequence, with some rare earths also contained in the underlying shales.

The details of the 2017 drilling program are presented in Appendix 1 and the results of the 2017 RAB drilling program presented in Appendix 2. A JORC (2012) Table 1 covering details of exploration activities undertaken on the project is provided in Appendix 3.

The RAB drilling demonstrated the consistent nature of the mineralisation. Notable intersections of rare earths (>500 ppm TREO cut-off) include:

- Hole ID: KWRAB 004 - 5 – 14 m (9 m intersection) 1117 ppm TREO
- Hole ID: KWRAB 012 ¬- 9 – 20 m (11 m intersection) 1186 ppm TREO
- Hole ID: KWRAB 013 ¬- 3 – 13 m (10 m intersection) 1171 ppm TREO
- Hole ID: KWRAB 014 ¬- 5 – 14 m (9 m intersection) 1143 ppm TREO
- Hole ID: KWRAB 023 ¬- 7 – 16 m (9 m intersection) 1329 ppm TREO
- Hole ID: KWRAB 028 ¬- 5 – 17 m (12 m intersection) 1039 ppm TREO
- Hole ID: KWRAB 053 ¬- 3 – 16 m (13 m intersection) 860 ppm TREO
- Hole ID: KWRAB 065 ¬- 3 – 13 m (10 m intersection) 843 ppm TREO
- Hole ID: KWRAB 072 ¬- 6 – 16 m (10 m intersection) 1126 ppm TREO
- Hole ID: KWRAB 082 ¬- 5 – 17 m (12 m intersection) 918 ppm TREO

A plan of the drill hole locations on the regional radiometric ternary image is shown in Figure 2 with a typical cross-section through the Project area is shown in Figure 3. The geologically logged clay horizon (illustrated in green) demonstrates the generally consistent nature of the profile over the section distance of 2.4 km.

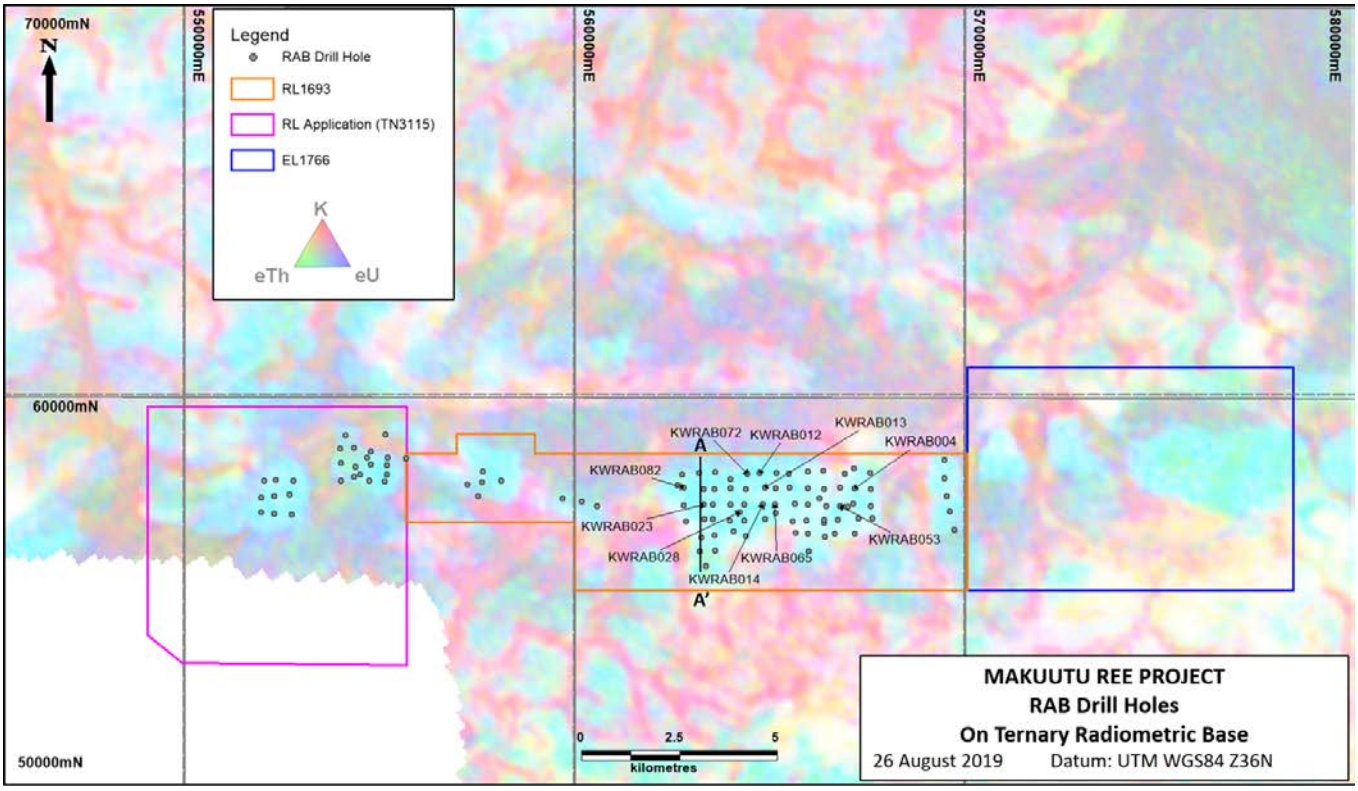

Figure 2: Drill Hole location plan on ternary radiometric image, A-A' section line and selected RAB intersection holes

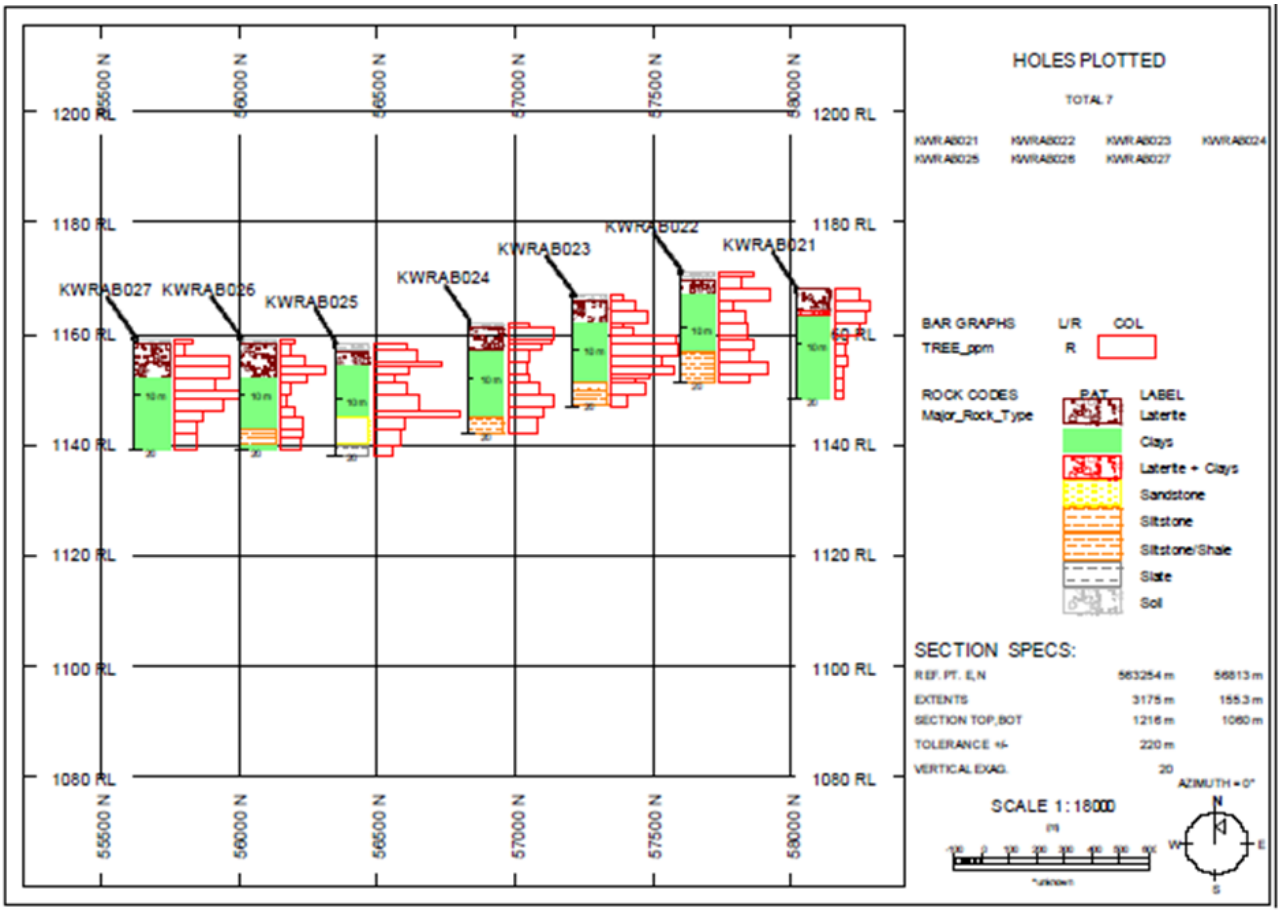

Figure 3. Cross Section A-A' showing consistency of clay and laterite (vertical exaggeration x20).

Due Diligence on 2017 Drilling Program Samples

As a part of project due diligence, Oro Verde and its technical consultants visited the project area and inspected selected drilling locations, sample storage facility and drilling samples from the 2017 drill program undertaken by Rwenzori Rare Metals. A total of 23 stored drilling samples were sub-sampled by the Oro Verde team and dispatched to ALS Minerals (Perth) for analysis to validate rare earth content. The samples were selected to cover a range of Rare Earth concentrations and spatial origin.

Of the 23 samples collected, verificatory analysis generally confirmed – from a due diligence perspective – the presence of rare earths in Makuutu project mineralisation and the quantum of their original analysis.

Next Steps

Oro Verde is in the process of determining a program to progress the project expeditiously with a focus on processing testwork and advancing resource development studies.

The Company will update the market on the planned work program when details have been finalised.

Competent Person Statement

The information in this Report that relates to Exploration Results for the Makuutu Project is based on information compiled by Mr. Geoff Chapman, who is a Fellow of the Australian Institute of Mining and Metallurgy (AusIMM). Mr. Chapman is a Director of geological consultancy GJ Exploration Pty Ltd that is engaged by Oro Verde Limited. Mr. Chapman has sufficient experience relevant to the style of mineralisation and type of deposit under consideration, and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves' (JORC Code). Mr. Chapman consents to the inclusion in this report of the matters based on the information in the form and context in which it appears.

Appendices

Appended to this announcement are the following:

- Appendix 1 - Makuutu Project Drill Hole Details
- Appendix 2 - RAB Drilling Analytical Results Including Significant Intersections >500ppm TREO
- Appendix 3 - Table 1 (JORC 2012)

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Appendix 1 Makuutu Project Drill Hole Details (Datum UTM WGS84 Zone 36N)

Drill Hole ID	UTM East (m.)	UTM North (m.)	Elevation (m.a.s.l.)	Drill Type	Hole Length EOH (m.)	Azimuth (planned)	Inclination (planned)
BRDD001	554520	57964	1174	DD	102	0	-90
BRRAB001	552001	57380	1172	RAB	20	0	-90
BRRAB002	552335	57408	1174	RAB	18	0	-90
BRRAB003	552335	56958	1172	RAB	20	0	-90
BRRAB004	552367	57833	1170	RAB	20	0	-90
BRRAB005	552723	57447	1165	RAB	20	0	-90
BRRAB006	555224	57958	1165	RAB	20	0	-90
BRRAB007	555231	58394	1158	RAB	20	0	-90
BRRAB008	554713	58390	1164	RAB	20	0	-90
BRRAB009	555709	58383	1152	RAB	20	0	-90
BRRAB010	555171	58981	1149	RAB	19	0	-90
BRRAB011	554034	57797	1164	RAB	13	0	-90
BRRAB012	554027	58259	1166	RAB	12	0	-90
BRRAB013	554012	58634	1162	RAB	18	0	-90
BRRAB014	554380	58653	1160	RAB	18	0	-90
BRRAB015	555160	57783	1169	RAB	18	0	-90
BRRAB016	555210	58202	1168	RAB	19	0	-90
BRRAB017	554797	58215	1174	RAB	18	0	-90
BRRAB018	554805	58555	1157	RAB	15	0	-90
BRRAB019	554401	58169	1173	RAB	18	0	-90
BRRAB020	554369	57901	1171	RAB	19	0	-90
BRRAB021	554760	57801	1171	RAB	18	0	-90
BRRAB022	554155	58968	1156	RAB	17	0	-90
BRRAB023	552822	57809	1164	RAB	16	0	-90
BRRAB024	552062	57811	1162	RAB	20	0	-90
BRRAB025	551989	57004	1163	RAB	15	0	-90
BRRAB026	552776	56947	1164	RAB	18	0	-90
KWRAB001	567201	56455	1115	RAB	20	0	-90
KWRAB002	567303	56838	1124	RAB	22	0	-90
KWRAB003	567031	57129	1125	RAB	20	0	-90
KWRAB004	567194	57608	1128	RAB	20	0	-90
KWRAB005	566944	57988	1113	RAB	13	0	-90
KWRAB006	566396	58068	1119	RAB	13	0	-90
KWRAB007	566410	57585	1134	RAB	22	0	-90
KWRAB008	566303	57349	1119	RAB	13	0	-90
KWRAB009	565672	57216	1142	RAB	22	0	-90
KWRAB010	565530	57624	1152	RAB	20	0	-90
KWRAB011	565517	57981	1152	RAB	20	0	-90
KWRAB012	564761	58004	1158	RAB	20	0	-90
KWRAB013	564893	57624	1165	RAB	20	0	-90
KWRAB014	564838	57188	1157	RAB	20	0	-90
KWRAB015	564897	56819	1141	RAB	20	0	-90
KWRAB016	564090	56515	1146	RAB	22	0	-90
KWRAB017	563991	56793	1171	RAB	30	0	-90
KWRAB018	564017	57202	1178	RAB	20	0	-90
KWRAB019	564026	57611	1173	RAB	20	0	-90
KWRAB020	562661	57693	1158	RAB	20	0	-90
KWRAB021	563220	58009	1168	RAB	20	0	-90
KWRAB022	563332	57596	1171	RAB	20	0	-90
KWRAB023	563333	57205	1167	RAB	20	0	-90
KWRAB024	563352	56829	1162	RAB	20	0	-90

KWRAB025	563279	56345	1158	RAB	20	0	-90
KWRAB026	563235	56003	1159	RAB	20	0	-90
KWRAB027	563390	55622	1159	RAB	20	0	-90
KWRAB028	564245	57010	1168	RAB	32	0	-90
KWRAB029	565611	56761	1122	RAB	20	0	-90
KWRAB030	565682	56473	1133	RAB	20	0	-90
KWRAB031	566438	56380	1128	RAB	20	0	-90
KWRAB032	566421	56720	1129	RAB	20	0	-90
KWRAB033	557669	58051	1174	RAB	19	0	-90
KWRAB034	557275	57702	1170	RAB	18	0	-90
KWRAB035	557658	57768	1169	RAB	20	0	-90
KWRAB036	557548	57404	1161	RAB	21	0	-90
KWRAB037	558143	57800	1169	RAB	20	0	-90
KWRAB038	560603	57160	1147	RAB	18	0	-90
KWRAB039	560215	57284	1152	RAB	24	0	-90
KWRAB040	559708	57346	1158	RAB	15	0	-90
KWRAB041	569508	58337	1107	RAB	16	0	-90
KWRAB042	569496	57857	1122	RAB	21	0	-90
KWRAB043	569560	57407	1105	RAB	19	0	-90
KWRAB044	569636	57018	1121	RAB	20	0	-90
KWRAB045	569749	56550	1144	RAB	16	0	-90
KWRAB046	566000	56445	1135	RAB	21	0	-90
KWRAB047	565963	56788	1128	RAB	10	0	-90
KWRAB048	566014	56001	1135	RAB	19	0	-90
KWRAB049	566698	56459	1128	RAB	13	0	-90
KWRAB050	566406	56804	1139	RAB	13	0	-90
KWRAB051	566763	56808	1136	RAB	16	0	-90
KWRAB052	566465	57148	1115	RAB	10	0	-90
KWRAB053	566834	57165	1123	RAB	20	0	-90
KWRAB054	567161	57212	1128	RAB	17	0	-90
KWRAB055	567655	56843	1125	RAB	12	0	-90
KWRAB056	567604	57154	1130	RAB	16	0	-90
KWRAB057	567611	57594	1113	RAB	10	0	-90
KWRAB058	566833	57630	1125	RAB	16	0	-90
KWRAB059	567185	58115	1121	RAB	19	0	-90
KWRAB060	567601	57993	1122	RAB	10	0	-90
KWRAB061	566009	58033	1142	RAB	18	0	-90
KWRAB062	565997	57611	1141	RAB	19	0	-90
KWRAB063	565997	57193	1136	RAB	13	0	-90
KWRAB064	565175	56988	1146	RAB	16	0	-90
KWRAB065	565154	57195	1148	RAB	19	0	-90
KWRAB066	565181	57618	1163	RAB	19	0	-90
KWRAB067	565205	58000	1159	RAB	16	0	-90
KWRAB068	564402	56391	1147	RAB	31	0	-90
KWRAB069	564369	56775	1153	RAB	28	0	-90
KWRAB070	564364	57205	1164	RAB	33	0	-90
KWRAB071	564409	57596	1173	RAB	19	0	-90
KWRAB072	564447	57985	1168	RAB	24	0	-90
KWRAB073	564025	57839	1156	RAB	24	0	-90
KWRAB074	563633	58024	1165	RAB	19	0	-90
KWRAB075	563603	57596	1177	RAB	20	0	-90
KWRAB076	563573	57192	1175	RAB	18	0	-90
KWRAB077	563559	56822	1172	RAB	16	0	-90
KWRAB078	562876	56767	1148	RAB	13	0	-90

KWRAB079	562811	57183	1152	RAB	19	0	-90
KWRAB080	563627	56025	1115	RAB	20	0	-90
KWRAB081	563598	56408	1165	RAB	19	0	-90
KWRAB082	562812	57630	1172	RAB	21	0	-90
KWRAB083	562778	57956	1162	RAB	12	0	-90

Appendix 2 RAB Drilling Analytical Results Including Significant Intersections >500 ppm TREO

Hole ID	From m	To m	Int.	Rock	Ce_2O_3 ppm	La_2O_3 ppm	Pr_2O_3 ppm	Nd_2O3 ppm	Sm_2O3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	>500ppm TREO Length (m)	>500ppm TREO TREO ppm
KWRAB001	0	2	2	Clays	135.29	70.84	16.62	64.62	11.40	1.86	8.81	1.44	8.19	1.70	4.65	0.74	4.91	0.71	43.30	375		
KWRAB001	2	3	1	Clays	128.84	67.55	15.27	58.55	10.45	1.75	8.17	1.32	8.47	1.62	4.72	0.74	5.17	0.74	44.57	358		
KWRAB001	3	5	2	Clays	260.03	136.04	29.73	113.96	18.96	3.27	14.93	2.13	11.44	2.33	5.89	0.88	5.48	0.81	67.81	674	**2**	**674**
KWRAB001	5	6	1	Slate	137.04	65.56	14.10	52.14	8.49	1.47	5.82	0.79	4.79	0.93	2.60	0.42	2.89	0.51	26.29	324		
KWRAB001	6	8	2	Slate	176.28	76.94	18.32	72.43	13.45	2.45	9.99	1.48	7.85	1.53	4.00	0.56	3.61	0.56	42.80	432		
KWRAB001	8	10	2	Slate	169.25	71.78	16.56	64.04	11.50	2.11	8.40	1.15	6.35	1.24	3.16	0.47	2.86	0.43	35.05	394		
KWRAB001	10	13	3	Slate	153.44	72.48	16.15	60.19	9.62	1.73	6.75	0.94	5.11	1.03	2.68	0.39	2.92	0.41	28.19	362		
KWRAB001	13	14	1	Slate	139.38	69.08	15.04	55.99	8.79	1.45	5.77	0.79	4.63	0.88	2.41	0.38	2.60	0.43	24.89	333		
KWRAB001	14	16	2	Clays	160.47	77.52	16.91	62.40	9.69	1.79	7.55	0.99	5.82	1.21	3.06	0.51	3.28	0.51	32.13	384		
KWRAB001	16	18	2	Clays	142.31	72.95	16.09	59.60	9.86	1.76	7.18	0.97	5.02	1.08	2.85	0.43	2.62	0.45	28.70	352		
KWRAB001	18	20	2	Clays	125.91	61.57	13.69	51.90	8.00	1.47	5.56	0.71	4.32	0.86	2.30	0.37	2.49	0.40	23.87	303		
KWRAB002	0	1	1	Laterite	331.48	76.23	14.69	55.17	8.89	1.66	7.24	1.17	6.71	1.45	3.69	0.59	4.22	0.65	36.83	551		
KWRAB002	1	3	2	Laterite	678.18	75.76	14.92	55.75	9.66	1.62	7.48	1.28	7.37	1.55	4.41	0.74	4.50	0.72	40.00	904		
KWRAB002	3	4	1	Laterite	804.68	97.69	20.13	73.25	11.71	1.96	8.93	1.47	8.09	1.80	5.00	0.74	5.36	0.81	47.88	1090	**4**	**862**
KWRAB002	4	5	1	Clays	617.28	119.04	22.70	82.70	13.22	2.17	10.03	1.61	9.26	1.89	5.40	0.81	5.69	0.90	51.81	945		
KWRAB002	5	6	1	Clays	299.85	230.46	33.59	113.02	16.87	2.80	12.51	1.84	10.69	2.23	6.33	1.03	6.58	0.97	62.86	802		
KWRAB002	6	7	1	Clays	495.46	164.19	28.56	102.18	16.00	2.59	12.68	1.78	10.74	2.25	5.88	0.95	6.31	0.93	61.59	912		
KWRAB002	7	10	3	Clays	251.83	118.45	27.50	105.44	17.74	2.88	12.91	2.07	11.25	2.37	6.69	0.99	6.75	1.00	69.97	638	**6**	**762**
KWRAB002	10	13		No Sample																		
KWRAB002	13	16	3	Clays	249.49	117.87	28.44	110.57	18.21	3.36	14.29	2.15	11.82	2.49	6.75	0.96	6.52	0.96	73.53	647	**3**	**647**
KWRAB002	16	22	6	Shales	177.45	80.45	19.31	76.05	13.63	2.51	10.36	1.54	8.83	1.80	4.94	0.69	4.22	0.61	51.43	454		
KWRAB003	0	2	2	Soil	787.11	87.49	17.26	64.74	12.00	2.11	9.26	1.55	9.28	1.90	4.92	0.81	5.52	0.78	45.46	1050		
KWRAB003	2	4	2	Laterite	539.97	184.13	41.43	159.80	27.25	4.47	20.86	3.27	18.59	3.80	10.46	1.46	9.87	1.43	100.32	1127	**4**	**1089**
KWRAB003	4	5	1	Clays	310.39	171.23	37.80	145.22	24.35	4.23	18.67	2.96	16.93	3.36	9.10	1.43	8.89	1.32	92.07	848		
KWRAB003	5	7	2	Clays	265.89	171.23	33.47	122.47	19.37	3.50	15.21	2.34	13.26	2.74	7.66	1.11	6.90	1.06	76.19	742		
KWRAB003	7	9	2	Clays	330.31	156.57	40.61	163.30	27.83	4.98	21.90	3.25	18.65	3.61	9.61	1.34	8.28	1.21	103.50	895		
KWRAB003	9	10	1	Clays	281.11	137.22	33.00	128.30	22.61	4.17	18.61	2.82	16.53	3.33	9.13	1.31	7.81	1.24	99.31	767		
KWRAB003	10	12	2	Clays	223.13	105.55	24.34	92.73	15.54	2.70	11.51	1.67	8.99	1.75	4.39	0.70	4.14	0.63	49.65	547	**8**	**748**
KWRAB003	12	14	2	Shales	218.45	95.35	21.88	83.05	13.28	2.22	9.08	1.28	6.71	1.20	3.22	0.47	2.97	0.52	35.30	495		
KWRAB003	14	16	2	Shales	214.35	99.92	22.06	84.80	13.80	2.30	10.05	1.36	6.79	1.29	3.36	0.50	3.28	0.52	36.83	501		
KWRAB003	16	18	2	Shales	211.42	93.47	20.95	80.13	12.52	2.12	9.27	1.15	6.13	1.16	3.01	0.48	3.09	0.49	32.00	477		
KWRAB003	18	20	2	Shales	244.80	113.88	24.93	94.48	14.67	2.49	10.58	1.38	7.04	1.34	3.35	0.51	3.14	0.51	36.45	560	**6**	**513**
KWRAB004	0	2	2	Laterite	839.82	54.65	10.39	38.26	7.00	1.03	4.91	0.92	5.19	1.02	3.02	0.49	3.60	0.50	27.05	998		
KWRAB004	2	4	2	Laterite	1522.69	93.12	18.49	68.93	11.21	1.78	8.60	1.44	8.17	1.58	4.75	0.66	5.42	0.68	43.68	1791		
KWRAB004	4	5	1	Laterite	289.31	99.10	20.77	80.25	13.16	2.12	10.36	1.58	10.07	1.99	6.44	0.90	5.82	0.89	60.45	603	**5**	**1236**
KWRAB004	5	7	2	Clays	240.12	128.42	26.21	101.01	16.41	2.70	13.66	2.04	12.11	2.34	7.09	1.03	6.74	0.97	75.05	636		
KWRAB004	7	8	1	Clays	165.15	139.56	29.49	111.74	17.63	2.98	14.12	2.04	11.59	2.27	6.67	0.85	5.99	0.88	69.72	581		
KWRAB004	8	10	2	Clays	271.74	221.07	47.87	180.79	28.41	4.41	20.92	2.84	17.22	3.26	9.75	1.30	8.21	1.11	110.61	930		

Hole ID	From m	To m	Int.	Rock	Ce_2O_3 ppm	La_2O_3 ppm	Pr_2O_3 ppm	Nd_2O3 ppm	Sm_2O3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	>500ppm TREO Length (m)	>500ppm TREO TREO ppm
KWRAB004	10	12	2	Clays	469.69	540.66	99.59	370.92	57.40	9.04	40.00	5.42	27.77	5.09	13.89	1.75	10.58	1.44	149.85	1803		
KWRAB004	12	14	2	Clays	404.10	330.73	77.82	296.27	46.15	7.63	32.50	4.40	24.10	3.99	11.05	1.40	9.18	1.09	116.07	1366	**9**	**1117**
KWRAB004	14	16	2	Shales	133.53	83.50	19.31	77.57	14.32	2.56	11.99	1.68	10.07	1.89	5.51	0.71	4.16	0.59	62.23	430		
KWRAB004	16	17	1	Clays	342.02	412.83	90.35	352.25	56.24	9.17	38.84	5.25	28.69	4.82	13.09	1.74	10.23	1.39	139.69	1507	**1**	**1507**
KWRAB004	17	18	1	Shales	192.68	159.50	36.05	137.64	22.03	3.72	15.10	2.16	11.53	2.02	5.67	0.80	5.01	0.72	57.91	653		
KWRAB004	18	20	2	Shales	181.55	112.24	25.04	95.99	15.48	2.81	12.33	1.63	8.87	1.58	4.60	0.63	4.08	0.57	44.83	512	**3**	**559**
KWRAB005	0	2	2	Soil	463.83	83.62	12.93	47.71	7.93	1.45	6.18	0.96	5.96	1.12	3.85	0.59	4.18	0.60	32.76	674		
KWRAB005	2	4	2	Laterite	432.21	85.61	16.74	61.82	10.40	1.61	8.16	1.31	8.33	1.48	4.96	0.77	5.32	0.75	47.49	687	**4**	**680**
KWRAB005	4	5	1	Clays	326.79	234.56	49.39	183.12	27.48	4.82	21.96	2.95	17.16	3.17	9.37	1.24	8.27	1.16	100.45	992	**1**	**992**
KWRAB005	5	6	1	Shales	192.68	136.04	25.75	99.84	15.54	2.70	12.16	1.67	9.34	1.72	5.00	0.67	4.66	0.58	63.88	572	**1**	**572**
KWRAB005	6	9	3	Shales	183.31	88.08	18.32	70.33	12.29	2.15	9.35	1.35	7.18	1.23	3.85	0.54	3.73	0.56	40.00	442		
KWRAB005	9	11	2	Shales	172.18	74.36	15.97	64.04	10.74	2.08	8.73	1.23	7.39	1.42	3.87	0.56	4.22	0.52	40.89	408		
KWRAB005	11	13	2	Shales	174.52	70.13	15.10	58.20	10.17	1.76	7.70	1.14	6.42	1.24	3.84	0.54	3.62	0.55	36.19	391		
KWRAB006	0	1	1	Soil	214.35	91.95	16.68	62.17	10.41	1.82	8.13	1.34	8.10	1.57	5.09	0.80	5.33	0.80	50.42	479		
KWRAB006	1	3	2	Soil	933.53	87.73	15.51	53.42	8.56	1.47	6.44	1.09	6.25	1.11	3.97	0.57	3.85	0.51	33.02	1157		
KWRAB006	3	4	1	Laterite	636.02	126.66	21.77	77.68	12.58	2.10	9.58	1.57	8.81	1.66	5.33	0.72	5.32	0.74	48.76	959	**3**	**1091**
KWRAB006	4	5	1	Clays	245.97	130.18	23.87	84.45	13.57	2.26	10.07	1.44	9.04	1.63	5.04	0.74	5.24	0.72	46.73	581		
KWRAB006	5	6	1	Clays	271.74	248.63	55.71	208.20	33.98	5.78	23.63	3.31	17.90	3.07	8.97	1.31	8.07	1.03	88.00	979		
KWRAB006	6	7	1	Clays	219.03	146.60	31.83	121.89	20.29	3.52	14.98	2.06	12.05	2.15	6.46	0.82	5.35	0.75	67.81	656	**3**	**739**
KWRAB006	7	9	2	Shales	226.65	86.67	19.37	75.12	12.00	2.18	8.78	1.21	6.54	1.16	3.50	0.45	3.07	0.40	35.18	482		
KWRAB006	9	11	2	Shales	187.99	77.29	17.61	67.18	11.65	2.30	9.00	1.12	6.85	1.26	3.69	0.48	3.05	0.44	37.46	427		
KWRAB006	11	13	2	Shales	196.78	80.69	17.55	65.20	10.96	1.88	7.66	0.96	5.28	0.92	2.63	0.39	2.62	0.30	27.43	421		
KWRAB007	0	1	1	Soil	147.00	79.28	14.63	51.79	8.43	1.47	6.93	1.14	7.02	1.29	4.29	0.59	4.45	0.65	38.60	368		
KWRAB007	1	3	2	Laterite	455.64	57.00	11.05	40.71	7.24	1.31	6.20	0.94	5.81	1.10	3.33	0.49	3.64	0.53	28.57	624		
KWRAB007	3	4	1	Laterite	484.92	53.60	11.04	41.17	7.63	1.25	6.05	1.08	5.78	1.23	4.09	0.58	4.44	0.57	34.16	658	**3**	**635**
KWRAB007	4	5	1	Clays	398.24	143.67	31.25	110.81	19.48	3.21	13.72	1.92	12.11	2.39	6.92	1.03	7.20	0.92	70.86	824		
KWRAB007	5	6	1	Clays	516.54	304.93	68.23	242.61	38.96	5.82	24.32	3.11	17.39	3.15	8.69	1.24	8.19	1.08	95.50	1340		
KWRAB007	6	7	1	Clays	253.00	429.24	82.51	298.60	51.25	7.72	35.15	4.64	25.82	4.82	12.92	1.74	11.24	1.54	154.29	1374	**3**	**1179**
KWRAB007	7	10	3	Shales	140.56	79.98	16.91	62.75	12.29	2.07	8.79	1.22	6.51	1.16	3.30	0.47	3.26	0.43	37.72	377		
KWRAB007	10	13	3	Shales	135.87	68.84	15.21	57.97	11.27	1.91	7.69	1.02	5.99	1.16	3.14	0.45	2.92	0.38	33.91	348		
KWRAB007	13	15	2	Shales	150.51	76.35	16.09	58.44	10.37	1.92	7.56	1.10	6.01	1.15	3.66	0.45	3.28	0.47	34.16	372		
KWRAB007	15	18	3	Shales	154.03	74.24	15.97	58.79	11.34	2.05	7.80	1.14	6.94	1.28	3.67	0.62	3.99	0.59	40.51	383		
KWRAB007	18	21	3	Shales	159.30	75.41	16.15	59.72	11.06	1.93	8.08	1.15	6.59	1.21	3.37	0.50	3.70	0.59	38.10	387		
KWRAB007	21	22	1	Shales	132.94	67.32	13.63	48.17	8.26	1.46	5.72	0.77	4.41	0.89	2.50	0.41	2.70	0.38	26.92	316		
KWRAB008	0	2	2	Laterite	274.08	77.76	13.11	44.56	8.79	1.39	6.54	1.09	6.76	1.28	4.22	0.63	4.60	0.65	34.03	479		
KWRAB008	2	4	2	Laterite	324.45	129.59	27.97	99.14	18.21	2.83	12.33	1.92	11.88	2.19	6.79	1.05	7.46	0.97	58.42	705	**2**	**705**
KWRAB008	4	5	1	Clays	277.60	260.36	52.66	202.37	40.59	6.75	32.27	4.58	27.77	5.18	13.95	2.00	12.92	1.71	157.47	1098	**1**	**1098**
KWRAB008	5	7	2	Slate	173.94	96.05	20.48	76.52	14.84	2.43	11.15	1.58	9.64	1.78	5.40	0.80	4.89	0.64	57.91	478		
KWRAB008	7	10	3	Slate	162.23	77.76	16.33	60.54	11.32	1.93	8.17	1.21	6.82	1.28	3.62	0.54	3.56	0.52	37.72	394		
KWRAB008	10	13	3	Slate	152.27	73.42	15.10	55.29	9.94	1.56	7.16	0.98	5.93	1.07	2.92	0.42	3.34	0.43	31.37	361		

Hole ID	From m	To m	Int.	Rock	Ce_2O_3 ppm	La_2O_3 ppm	Pr_2O_3 ppm	Nd_2O3 ppm	Sm_2O3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	>500ppm TREO Length (m)	>500ppm TREO TREO ppm
KWRAB009	0	2	2	Laterite	872.62	135.46	23.52	79.08	14.03	2.27	9.88	1.51	9.26	1.76	4.95	0.80	5.26	0.69	46.22	1207		
KWRAB009	2	4	2	Laterite	600.88	140.15	21.01	67.88	11.32	1.86	8.59	1.37	8.47	1.68	5.26	0.81	5.81	0.82	45.21	921	**4**	**1064**
KWRAB009	4	5	1	Clays	401.76	225.76	35.34	112.09	16.99	2.66	12.33	1.76	10.98	2.11	6.17	0.90	6.59	0.90	65.91	902		
KWRAB009	5	7	2	Clays	272.91	206.41	34.87	109.41	15.83	2.41	10.72	1.69	9.92	1.90	5.68	0.89	6.01	0.80	59.94	739		
KWRAB009	7	8	1	Clays	196.19	99.92	25.63	98.79	17.57	2.77	12.39	1.78	10.19	1.92	6.12	0.83	5.51	0.78	62.23	543		
KWRAB009	8	9	1	Clays	179.21	110.60	30.78	122.47	23.66	4.02	17.40	2.41	14.92	2.76	8.20	1.15	7.55	1.06	90.54	617		
KWRAB009	9	10	1	Clays	241.29	170.06	49.74	211.12	42.56	7.26	35.38	4.55	26.86	4.88	13.61	1.94	12.18	1.60	161.91	985		
KWRAB009	10	11	1	Clays	211.42	176.51	44.12	187.21	39.08	6.90	37.34	5.13	30.30	6.08	17.50	2.39	13.95	1.98	259.06	1039	**7**	**795**
KWRAB009	11	12	1	Shales	158.71	96.05	20.30	76.05	14.21	2.47	12.10	1.54	9.49	1.89	5.41	0.75	5.01	0.68	70.23	475		
KWRAB009	12	15	3	Shales	173.35	91.01	21.36	85.61	18.38	3.42	16.31	2.52	16.24	3.17	9.18	1.38	8.12	1.06	102.61	554	**3**	**554**
KWRAB009	15	17	2	Shales	154.61	80.10	17.67	66.72	11.49	2.28	9.19	1.32	8.06	1.53	4.57	0.63	4.11	0.56	47.88	411		
KWRAB009	17	20	3	Shales	149.34	75.53	16.38	59.84	11.17	2.17	8.58	1.12	6.47	1.23	3.41	0.50	3.58	0.49	38.10	378		
KWRAB009	20	22	2	Shales	145.83	75.06	15.27	56.10	10.32	1.79	7.35	0.98	6.16	1.03	3.09	0.47	3.20	0.44	34.29	361		
KWRAB010	0	1	1	Laterite	163.40	97.58	15.56	51.90	9.00	1.48	6.83	1.00	5.95	1.08	3.22	0.55	3.45	0.52	32.51	394		
KWRAB010	1	3	2	Laterite	591.51	116.11	18.37	59.49	10.01	1.47	6.11	1.02	6.45	1.13	3.33	0.56	4.25	0.55	29.46	850		
KWRAB010	3	4	1	Laterite	926.50	189.41	30.08	96.69	15.89	2.47	10.40	1.57	8.88	1.58	4.72	0.71	5.33	0.74	40.89	1336	**3**	**1012**
KWRAB010	4	5	1	Clays	295.17	137.22	21.53	74.77	12.12	1.96	9.32	1.35	8.48	1.73	4.87	0.78	4.89	0.74	50.67	626		
KWRAB010	5	6	1	Clays	179.21	141.91	35.69	137.64	23.66	3.93	17.35	2.56	15.32	3.26	8.21	1.23	7.90	1.09	96.89	676		
KWRAB010	6	7	1	Clays	439.24	166.54	46.11	170.88	28.64	4.76	18.50	2.62	14.46	2.94	7.79	1.05	7.20	1.00	83.05	995		
KWRAB010	7	9	2	Clays	210.25	123.14	31.25	116.64	20.81	3.61	14.75	2.20	12.05	2.59	6.69	0.98	6.54	0.96	76.70	629		
KWRAB010	9	11	2	Clays	223.13	131.94	34.06	130.05	21.92	3.76	14.70	2.11	12.22	2.45	6.52	1.04	6.62	0.94	72.51	664		
KWRAB010	11	13	2	Clays	216.10	129.01	32.89	122.47	22.44	3.65	14.00	2.13	11.65	2.34	6.35	0.94	6.34	0.84	69.97	641		
KWRAB010	13	14	1	Clays	172.77	112.47	28.79	114.07	19.83	3.40	13.31	1.83	9.56	1.83	5.24	0.70	4.48	0.64	53.46	542	**10**	**671**
KWRAB010	14	16	2	Mudstone	179.21	99.34	25.04	100.66	19.66	4.13	19.59	3.13	19.51	4.09	10.86	1.45	9.16	1.24	133.97	631		
KWRAB010	16	18	2	Mudstone	190.34	108.95	23.76	95.99	18.15	3.69	18.90	2.91	18.82	4.08	10.99	1.53	10.05	1.38	141.59	651	**4**	**641**
KWRAB010	18	20	2	Clays	156.95	98.16	22.82	89.93	16.00	2.85	11.93	1.66	9.04	1.64	4.41	0.59	3.77	0.52	48.26	469		
KWRAB011	0	1	1	Laterite	227.82	113.29	22.70	79.08	12.70	2.08	8.02	1.20	6.37	1.23	3.29	0.48	3.63	0.50	32.51	515		
KWRAB011	1	3	2	Laterite	284.63	96.05	19.78	69.05	10.44	1.63	6.49	1.00	5.24	0.99	2.62	0.42	2.94	0.43	24.00	526	**3**	**522**
KWRAB011	3	4	1	Clays	134.11	45.27	9.94	36.97	6.88	1.31	5.75	0.92	5.41	1.15	3.44	0.51	3.69	0.50	31.62	287		
KWRAB011	4	5	1	Clays	143.48	97.11	21.36	82.93	14.15	2.70	11.41	1.63	10.25	2.08	5.42	0.82	5.50	0.78	64.26	464		
KWRAB011	5	6	1	Clays	201.46	131.35	28.67	109.99	19.19	3.35	14.23	2.12	12.28	2.41	6.64	0.97	5.85	0.89	76.83	616		
KWRAB011	6	7	1	Clays	192.09	115.99	25.63	94.36	15.48	2.74	11.76	1.67	9.24	1.79	4.65	0.65	4.54	0.60	54.48	536		
KWRAB011	7	9	2	Clays	214.35	141.32	33.24	127.72	21.39	3.94	15.21	2.31	12.45	2.25	6.04	0.81	5.23	0.72	68.57	656		
KWRAB011	9	11	2	Clays	250.66	166.54	39.91	157.46	29.92	5.45	22.19	3.33	19.11	3.67	9.42	1.43	9.21	1.19	107.18	827		
KWRAB011	11	13	2	Clays	262.37	172.40	42.01	165.63	32.24	5.88	24.32	3.61	19.97	3.83	10.89	1.48	9.20	1.30	112.26	867		
KWRAB011	13	15	2	Clays	237.77	150.12	36.51	145.22	28.87	5.62	22.71	3.61	21.12	3.94	10.83	1.46	9.49	1.34	112.77	791		
KWRAB011	15	17	2	Clays	215.52	134.87	31.95	127.14	24.58	4.76	20.23	3.02	17.73	3.52	9.96	1.31	8.64	1.17	102.35	707	**12**	**737**
KWRAB011	17	19	2	Shales	242.46	138.39	34.17	138.80	27.71	5.11	23.63	3.56	21.23	4.49	11.95	1.64	10.74	1.50	139.69	805	**2**	**805**
KWRAB011	19	20	1	Shales	176.87	97.23	19.37	75.47	13.16	2.65	10.72	1.44	8.50	1.75	4.72	0.67	3.91	0.53	68.32	485		
KWRAB012	0	1	1	Soil	217.86	138.39	25.28	90.63	15.36	2.63	11.39	1.83	10.75	2.20	6.19	0.91	6.79	0.92	62.86	594		

Hole ID	From m	To m	Int.	Rock	Ce_2O_3 ppm	La_2O_3 ppm	Pr_2O_3 ppm	Nd_2O3 ppm	Sm_2O3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	>500ppm TREO Length (m)	>500ppm TREO TREO ppm
KWRAB012	1	3	2	Laterite	515.37	233.39	40.02	131.22	19.08	3.00	11.70	1.82	10.15	2.00	5.74	0.86	5.85	0.90	49.40	1030		
KWRAB012	3	5	2	Laterite	1124.45	188.82	34.52	121.89	19.31	3.02	12.51	2.06	10.59	2.19	5.96	0.90	6.41	0.91	54.86	1588	**5**	**1166**
KWRAB012	5	6	1	Clays	181.55	104.85	18.67	67.88	10.61	1.90	8.97	1.51	8.65	1.79	5.32	0.82	6.06	0.86	51.81	471		
KWRAB012	6	8	2	Clays	185.65	54.77	12.35	47.71	8.12	1.51	6.60	1.06	6.15	1.37	3.85	0.63	4.60	0.69	40.13	375		
KWRAB012	8	9	1	Clays	160.47	66.62	14.39	53.42	8.62	1.44	6.41	0.98	6.11	1.26	3.81	0.62	4.55	0.65	35.81	365		
KWRAB012	9	11	2	Clays	178.62	139.56	35.93	143.47	25.86	4.55	18.79	2.90	16.30	3.18	8.32	1.24	8.36	1.14	91.69	680		
KWRAB012	11	13	2	Clays	269.40	290.85	87.07	372.08	72.94	12.91	58.90	8.17	49.12	9.92	25.61	3.39	20.50	2.83	384.78	1668		
KWRAB012	13	15	2	Clays	345.53	250.98	74.90	295.10	57.75	10.29	44.95	6.40	37.87	7.47	22.58	3.04	17.76	2.49	246.36	1423		
KWRAB012	15	17	2	Clays	271.74	231.63	69.28	277.60	55.20	9.63	42.76	5.74	35.35	6.48	18.81	2.55	14.01	2.07	210.17	1253		
KWRAB012	17	20	3	Clays	245.97	198.79	52.20	207.62	40.01	7.26	33.19	4.59	26.97	4.90	14.07	1.84	11.38	1.57	149.85	1000	**11**	**1186**
KWRAB013	0	1	1	Laterite	302.20	139.56	24.58	80.71	14.50	2.37	10.87	1.63	9.73	1.90	5.97	0.79	5.33	0.81	53.59	655		
KWRAB013	1	3	2	Laterite	824.60	154.81	25.75	84.33	13.10	2.18	9.13	1.38	8.25	1.51	4.84	0.74	4.84	0.69	38.86	1175	**3**	**1002**
KWRAB013	3	5	2	Clays	771.89	127.84	23.64	83.16	14.44	2.36	9.80	1.62	9.51	1.75	5.35	0.81	5.23	0.86	47.4	1106		
KWRAB013	5	6	1	Clays	187.41	52.07	10.28	36.86	7.12	1.32	6.70	1.00	6.86	1.29	4.54	0.72	5.18	0.76	41.3	363		
KWRAB013	6	7	1	Clays	187.41	133.11	30.54	112.67	21.74	3.86	17.40	2.47	14.52	2.89	8.35	1.29	7.61	1.24	94.0	639		
KWRAB013	7	9	2	Clays	549.34	577.02	122.30	459.56	85.58	14.65	65.93	8.85	50.04	8.75	24.93	3.16	19.07	2.69	247.0	2239		
KWRAB013	9	10	1	Clays	228.99	175.33	43.89	176.71	33.86	5.81	29.16	3.99	25.13	4.78	14.07	1.98	11.73	1.80	157.5	915		
KWRAB013	10	12	2	Clays	304.54	147.77	44.47	188.96	36.99	6.50	31.47	4.32	25.82	4.96	14.58	2.09	12.35	1.77	159.4	986		
KWRAB013	12	13	1	Clays	282.28	168.30	51.26	221.62	46.38	8.66	41.61	5.73	35.69	6.90	20.81	2.87	17.19	2.66	215.2	1127	**10**	**1171**
KWRAB013	13	16	3	Sandstone	148.76	83.15	19.49	78.85	16.23	3.28	17.23	2.46	15.72	3.25	9.81	1.38	8.38	1.35	120.51	530	**3**	**530**
KWRAB013	16	17	1	Shales	122.99	62.63	14.69	53.65	9.37	1.93	7.33	0.97	5.73	1.02	2.76	0.42	2.87	0.44	30.10	317		
KWRAB013	17	20	3	Shales	125.33	61.22	13.93	52.14	9.80	1.98	7.62	1.15	6.61	1.29	3.91	0.55	3.48	0.59	38.22	328		
KWRAB014	0	1	1	Soil	173.35	90.77	15.45	51.20	8.45	1.42	6.89	1.00	6.34	1.23	3.57	0.51	3.55	0.60	32.13	396		
KWRAB014	1	3	2	Laterite	641.9	147.2	24.7	78.5	12.6	2.0	8.5	1.3	8.3	1.5	4.3	0.7	4.4	0.7	37.7	974		
KWRAB014	3	5	2	Laterite	1229.9	167.7	29.6	95.4	15.7	2.5	10.9	1.7	9.1	1.7	5.2	0.8	5.2	0.8	45.1	1621	**4**	**1298**
KWRAB014	5	6	1	Clays	511.86	208.17	32.77	104.86	16.70	2.80	11.99	1.58	9.76	1.72	5.42	0.73	5.15	0.82	47.2	962		
KWRAB014	6	7	1	Clays	388.87	236.91	35.81	113.49	17.74	2.81	13.60	1.73	10.93	2.11	6.33	0.98	5.86	0.92	61.3	899		
KWRAB014	7	9	2	Clays	507.17	512.51	86.95	281.10	41.17	6.80	29.74	3.96	21.23	3.62	10.28	1.35	7.90	1.18	102.4	1617		
KWRAB014	9	10	1	Clays	411.13	518.38	102.40	342.92	57.17	8.85	38.27	4.86	27.09	4.50	13.15	1.68	10.10	1.43	134.0	1676		
KWRAB014	10	12	2	Clays	313.91	195.27	48.33	172.63	30.61	4.77	20.17	2.75	15.44	2.88	8.29	1.07	6.82	1.06	84.2	908		
KWRAB014	12	13	1	Clays	179.21	98.16	27.27	99.49	17.80	3.10	13.95	2.03	12.80	2.36	7.12	0.94	6.18	0.92	77.6	549		
KWRAB014	13	14	1	Clays	238.95	195.27	58.75	240.28	46.04	8.75	43.45	6.01	36.15	7.09	19.67	2.63	15.26	2.27	226.7	1147	**9**	**1143**
KWRAB014	14	16	2	Shales	185.07	201.72	46.34	194.21	38.27	7.75	45.53	6.23	40.51	8.47	25.16	3.36	19.87	2.92	316.21	1142	**2**	**1142**
KWRAB014	16	18	2	Shales	128.26	66.15	16.33	62.52	12.76	2.36	11.15	1.59	9.14	1.78	4.89	0.67	4.25	0.63	53.46	376		
KWRAB014	18	20	2	Shales	120.64	62.04	13.34	49.34	8.80	1.69	6.73	0.87	5.14	0.95	2.70	0.39	2.68	0.43	29.46	305		
KWRAB015	0	1	1	Soil	149.34	91.13	17.96	64.39	11.65	1.96	10.19	1.53	9.56	1.81	5.85	0.85	5.51	0.85	56.13	429		
KWRAB015	1	3	2	Soil	149.93	86.55	16.50	56.69	10.84	1.83	8.68	1.27	8.32	1.57	5.02	0.73	5.12	0.75	47.62	401		
KWRAB015	3	4	1	Soil	161.05	69.31	12.64	42.46	7.49	1.23	6.14	0.97	6.42	1.21	4.23	0.65	4.34	0.66	35.81	355		
KWRAB015	4	6	2	Soil	221.96	120.80	19.72	69.75	10.47	1.66	7.73	1.31	7.93	1.60	4.16	0.72	5.25	0.66	43.43	517	**2**	**517**
KWRAB015	6	7	1	Clays	100.97	72.60	14.45	53.54	9.33	1.42	7.91	1.31	8.18	1.67	4.88	0.79	5.68	0.82	52.07	336		

Hole ID	From m	To m	Int.	Rock	Ce_2O_3 ppm	La_2O_3 ppm	Pr_2O_3 ppm	Nd_2O3 ppm	Sm_2O3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	>500ppm TREO	
																					Length (m)	TREO ppm
KWRAB015	7	8	1	Clays	115.96	79.52	16.79	63.45	10.44	1.92	8.28	1.29	7.70	1.59	4.23	0.67	4.60	0.67	48.51	366		
KWRAB015	8	10	2	Clays	241.29	181.20	40.96	156.30	25.51	4.35	20.46	2.87	16.53	2.80	7.10	1.10	6.95	0.91	84.70	793		
KWRAB015	10	11	1	Clays	282.28	230.46	52.31	201.79	33.40	5.91	27.20	3.61	21.06	3.79	10.38	1.36	9.29	1.16	112.89	997	**3**	**861**
KWRAB015	11	12	1	Sandstone	302.20	255.67	51.73	209.95	35.25	6.63	35.38	4.83	29.27	5.58	16.12	2.24	13.72	1.86	199.37	1170	**1**	**1170**
KWRAB015	12	15	3	Clays	133.53	57.23	12.35	46.54	8.00	1.31	5.54	0.81	4.67	0.85	2.64	0.34	2.77	0.39	26.67	304		
KWRAB015	15	17	2	Mudstone	159.88	73.53	15.80	57.50	9.81	1.74	6.77	0.89	5.44	1.04	2.77	0.47	3.14	0.40	27.81	367		
KWRAB015	17	18	1	Mudstone	91.36	52.78	13.22	53.30	9.89	1.99	8.10	1.20	7.51	1.39	3.90	0.51	3.40	0.42	41.78	291		
KWRAB015	18	20	2	Siltstone	125.91	59.11	13.11	51.55	9.04	1.68	7.11	1.07	6.08	1.18	3.36	0.47	3.26	0.43	37.72	321		
KWRAB016	0	2	2	Laterite	452.12	47.03	8.20	30.21	5.24	0.81	4.63	0.81	4.77	0.97	3.22	0.50	3.56	0.51	27.05	590		
KWRAB016	2	4	2	Laterite	564.57	64.03	12.41	45.84	8.31	1.23	5.98	0.99	6.05	1.18	3.45	0.58	4.03	0.55	29.21	748	**4**	**669**
KWRAB016	4	6	2	Clays	171.01	114.93	25.75	96.69	15.89	2.56	13.49	1.99	12.05	2.34	6.29	1.03	6.56	0.94	74.16	546		
KWRAB016	6	8	2	Clays	219.62	238.08	53.60	205.29	34.09	5.58	27.55	3.95	23.64	4.44	13.15	1.80	11.10	1.43	148.58	992		
KWRAB016	8	9	1	Clays	330.31	272.09	58.87	228.61	37.92	6.35	31.93	4.65	27.54	5.32	15.09	2.02	12.70	1.73	176.52	1212		
KWRAB016	9	10	1	Clays	324.45	293.20	70.69	272.94	46.38	7.78	37.92	5.52	32.94	6.09	17.04	2.32	14.86	1.88	203.18	1337		
KWRAB016	10	12	2	Clays	267.06	191.75	42.60	168.54	28.41	5.06	23.28	3.33	18.99	3.43	9.06	1.23	8.14	1.02	103.62	876	**8**	**922**
KWRAB016	12	14	2	Clays	180.97	96.76	21.01	78.15	12.76	2.04	9.49	1.32	7.32	1.36	4.05	0.55	3.62	0.50	41.91	462		
KWRAB016	14	17	3	Clays	183.31	90.07	19.95	74.07	11.77	2.00	7.88	1.21	6.43	1.23	3.37	0.50	3.72	0.42	36.45	442		
KWRAB016	17	19	2	Siltstone	190.92	91.83	20.60	77.92	12.64	2.08	9.66	1.34	7.26	1.26	3.54	0.49	3.40	0.45	38.35	462		
KWRAB016	19	22	3	Clays	201.46	95.11	20.60	74.88	10.82	1.90	8.47	1.12	6.12	1.07	2.89	0.39	2.97	0.39	32.00	460		
KWRAB017	0	2	2	Laterite	411.13	62.39	12.00	41.87	7.26	1.13	5.41	0.87	5.44	1.05	3.10	0.54	3.60	0.48	27.94	584		
KWRAB017	2	4	2	Laterite	550.51	113.29	21.48	74.42	11.94	1.91	8.22	1.27	6.98	1.36	4.01	0.59	4.36	0.58	35.43	836		
KWRAB017	4	5	1	Laterite	507.17	144.84	26.68	95.53	15.02	2.27	10.86	1.63	9.56	1.95	5.41	0.87	6.00	0.86	53.21	882	**5**	**745**
KWRAB017	5	7	2	Clays	425.18	133.70	25.51	93.78	14.32	2.25	12.04	1.74	11.30	2.15	6.87	1.03	7.20	1.00	67.30	805		
KWRAB017	7	9	2	Clays	275.26	123.14	23.11	81.65	12.64	2.07	9.81	1.42	8.64	1.75	5.75	0.85	6.10	0.85	53.21	606	**4**	**706**
KWRAB017	9	11	2	Clays	205.56	98.52	19.19	68.35	10.22	1.63	7.43	1.12	6.34	1.35	4.32	0.71	4.86	0.68	42.29	473		
KWRAB017	11	13	2	Clays	150.51	70.25	13.63	50.51	8.35	1.33	5.88	0.86	5.18	1.09	3.82	0.57	3.80	0.63	32.51	349		
KWRAB017	13	14	1	Clays	165.15	93.47	25.04	95.41	16.58	2.91	11.87	1.71	9.90	1.80	5.52	0.79	4.67	0.77	61.21	497		
KWRAB017	14	15	1	Clays	247.14	174.75	38.50	143.47	23.77	4.16	15.73	2.07	11.76	2.33	6.30	0.85	4.98	0.77	70.10	747		
KWRAB017	15	16	1	Clays	178.04	124.90	26.33	97.04	16.76	2.78	11.36	1.65	9.14	1.68	4.87	0.75	4.65	0.73	51.68	532	**2**	**640**
KWRAB017	16	18	2	Shales	236.60	168.88	36.75	142.88	25.63	4.62	18.85	2.95	16.13	3.05	9.08	1.27	7.94	1.13	88.26	764		
KWRAB017	18	20	2	Shales	264.71	168.30	35.58	141.72	24.24	4.62	20.46	2.96	16.64	3.54	10.28	1.44	8.97	1.36	113.02	818		
KWRAB017	20	22	2	Shales	212.01	110.36	23.76	95.06	16.58	3.11	12.33	1.77	10.40	2.05	6.33	0.91	5.89	0.89	64.26	566	**6**	**716**
KWRAB017	22	24	2	Shales	173.94	87.61	19.84	78.73	13.63	2.64	11.19	1.66	9.53	1.80	5.42	0.82	5.16	0.82	58.42	471		
KWRAB017	24	26	2	Shales	148.17	73.07	16.44	64.62	11.58	2.10	8.64	1.28	7.43	1.40	4.36	0.66	4.52	0.66	43.68	389		
KWRAB017	26	28	2	Shales	151.68	73.53	16.50	65.09	11.94	2.19	9.16	1.43	8.11	1.63	4.84	0.65	4.51	0.65	46.35	398		
KWRAB017	28	30	2	Shales	171.60	76.23	16.68	64.85	10.76	1.97	7.51	1.12	6.39	1.25	3.48	0.55	3.50	0.58	36.57	403		
KWRAB018	0	2	2	Laterite	268.23	143.08	28.56	106.61	16.81	2.66	9.57	1.40	6.83	1.20	3.30	0.49	3.18	0.49	29.97	622		
KWRAB018	2	4	2	Laterite	397.07	133.70	25.51	95.99	14.84	2.56	8.81	1.38	7.18	1.19	3.54	0.49	3.19	0.53	29.97	726		
KWRAB018	4	5	1	Laterite	336.16	98.28	17.09	61.00	10.12	1.68	6.85	1.07	5.92	1.00	2.95	0.48	3.52	0.49	24.13	571	**5**	**653**
KWRAB018	5	7	2	Clays	216.69	102.74	19.78	70.33	11.39	1.89	7.00	1.01	5.61	1.00	2.87	0.41	2.95	0.49	28.45	473		

Hole ID	From m	To m	Int.	Rock	Ce_2O_3 ppm	La_2O_3 ppm	Pr_2O_3 ppm	Nd_2O3 ppm	Sm_2O3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	>500ppm TREO Length (m)	>500ppm TREO TREO ppm
KWRAB018	7	8	1	Clays	219.62	95.23	23.64	88.76	15.07	2.57	8.97	1.35	7.12	1.31	3.66	0.55	3.21	0.53	37.59	509		
KWRAB018	8	9	1	Clays	251.83	139.56	31.83	121.89	20.24	3.45	14.41	2.05	11.01	1.95	5.36	0.82	4.94	0.72	56.64	667		
KWRAB018	9	10	1	Clays	251.83	119.63	33.59	130.64	23.54	3.95	14.70	2.06	10.63	1.86	5.41	0.75	4.44	0.71	57.27	661	**3**	**612**
KWRAB018	10	12	2	Clays	199.71	93.12	24.93	94.25	15.31	2.69	9.08	1.38	6.75	1.20	3.61	0.49	3.28	0.51	36.83	493		
KWRAB018	12	14	2	Clays	188.58	91.60	23.64	92.50	16.23	2.87	10.78	1.60	8.93	1.66	4.80	0.69	4.29	0.69	50.03	499		
KWRAB018	14	16	2	Clays	240.12	115.52	33.59	137.05	25.16	4.48	18.27	2.61	13.94	2.73	7.47	1.03	6.33	0.90	80.89	690		
KWRAB018	16	18	2	Clays	291.65	181.78	49.97	223.37	47.54	10.00	54.75	8.89	56.70	12.14	36.36	5.08	29.83	4.66	488.91	1502	**4**	**1096**
KWRAB018	18	20	2	Siltstone	223.72	165.36	37.80	172.04	32.47	6.77	36.42	5.51	33.97	7.06	20.64	2.87	17.25	2.52	248.90	1013	**2**	**1013**
KWRAB019	0	1	1	Soil	358.42	131.94	23.99	82.35	12.47	2.05	8.37	1.35	7.61	1.47	4.47	0.65	4.24	0.67	40.89	681		
KWRAB019	1	3	2	Laterite	446.27	198.20	31.01	98.79	13.74	2.28	8.73	1.38	7.88	1.51	4.36	0.72	4.79	0.78	38.48	859		
KWRAB019	3	5	2	Laterite	476.72	241.60	37.33	120.72	16.52	2.72	10.62	1.61	9.19	1.73	5.27	0.87	5.69	0.85	47.75	979		
KWRAB019	5	7	2	Laterite	685.21	225.76	39.09	130.64	17.16	2.71	10.63	1.60	9.10	1.76	5.12	0.86	5.60	0.89	49.40	1186	**7**	**961**
KWRAB019	7	8	1	Clays	816.40	123.14	19.95	68.00	10.32	1.62	6.66	1.08	6.05	1.25	3.81	0.58	4.07	0.67	34.29	1098	**1**	**1098**
KWRAB019	8	10	2	Clays	206.15	66.26	12.64	44.91	6.74	1.23	4.79	0.77	4.52	0.92	2.88	0.46	3.46	0.55	28.95	385		
KWRAB019	10	12	2	Clays	133.53	123.14	18.43	60.30	8.75	1.41	5.72	0.89	4.50	0.93	2.88	0.47	3.07	0.53	28.70	393		
KWRAB019	12	14	2	Clays	319.76	178.27	58.28	244.94	47.54	8.00	30.08	3.97	19.28	3.12	7.92	1.12	6.50	0.94	73.65	1003		
KWRAB019	14	16	2	Clays	317.42	248.63	69.87	286.93	60.07	11.22	55.44	8.53	48.09	9.92	27.56	3.92	22.89	3.38	360.65	1535		
KWRAB019	16	17	1	Clays	173.35	148.36	32.65	137.64	27.13	5.99	36.08	5.28	30.99	6.90	19.55	2.65	14.69	2.29	317.48	961	**5**	**1207**
KWRAB019	17	20	3	Shales	134.70	75.53	17.50	64.15	12.29	2.43	10.77	1.60	9.14	1.86	5.29	0.75	4.65	0.71	60.07	401		
KWRAB020	0	1	1	Soil	132.94	105.20	22.47	78.50	14.73	2.61	12.79	2.08	12.28	2.46	7.03	1.05	6.95	1.11	72.51	475		
KWRAB020	1	2	1	Soil	134.70	91.01	19.19	67.65	12.47	2.20	10.30	1.73	9.74	1.98	5.76	0.89	5.75	0.86	55.49	420		
KWRAB020	2	4	2	Laterite	308.05	74.47	14.34	47.47	8.59	1.56	6.94	1.20	7.36	1.48	4.19	0.70	4.70	0.77	38.48	520		
KWRAB020	4	6	2	Laterite	385.36	103.32	19.25	62.17	11.71	2.03	9.04	1.62	8.98	1.78	5.12	0.82	5.56	0.82	42.54	660	**4**	**590**
KWRAB020	6	8	2	Clays	380.67	253.32	36.40	101.48	13.97	2.29	9.42	1.53	8.89	1.78	5.19	0.80	5.59	0.86	46.48	869		
KWRAB020	8	10	2	Clays	281.11	239.25	47.75	145.22	19.60	3.10	10.96	1.55	8.33	1.56	4.38	0.71	4.85	0.78	41.91	811		
KWRAB020	10	12	2	Clays	220.20	121.97	28.91	100.89	16.35	2.80	10.63	1.54	7.93	1.44	4.09	0.59	3.72	0.60	38.48	560		
KWRAB020	12	14	2	Clays	234.26	112.82	28.09	104.39	19.60	3.89	15.44	2.12	11.01	2.07	5.61	0.85	5.20	0.75	59.81	606		
KWRAB020	14	15	1	Clays	191.51	91.71	21.88	82.46	14.96	2.85	12.68	1.96	10.62	2.03	5.71	0.79	5.03	0.73	58.42	503		
KWRAB020	15	17	2	Clays	202.63	93.12	27.62	121.31	27.02	5.59	28.12	4.35	24.68	5.27	14.35	2.06	11.56	1.73	160.64	730	**11**	**696**
KWRAB020	17	20	3	Shales	186.24	81.28	19.72	75.12	14.09	2.70	12.51	1.77	9.82	2.07	5.72	0.83	5.07	0.78	81.53	499		
KWRAB021	0	2	2	Laterite	352.56	121.97	22.06	71.15	12.47	2.04	9.07	1.48	8.36	1.57	4.70	0.73	4.70	0.68	43.68	657		
KWRAB021	2	4	2	Laterite	435.72	222.25	36.51	113.96	16.93	2.73	11.49	1.82	10.16	1.90	5.10	0.80	5.42	0.80	44.83	910	**4**	**784**
KWRAB021	4	6	2	Clays	406.44	126.66	25.04	85.61	13.39	2.35	10.44	1.60	9.14	1.79	5.26	0.74	5.07	0.74	51.18	745		
KWRAB021	6	8	2	Clays	342.02	118.45	22.53	74.65	12.06	2.10	9.21	1.45	8.31	1.62	4.53	0.69	4.73	0.71	43.05	646	**4**	**696**
KWRAB021	8	10	2	Clays	134.70	67.32	13.34	47.24	7.83	1.47	6.47	1.07	6.06	1.27	3.37	0.55	3.53	0.58	34.54	329		
KWRAB021	10	12	2	Clays	168.08	44.57	9.09	30.33	5.50	1.07	4.63	0.76	4.26	0.86	2.39	0.37	2.52	0.38	24.38	299		
KWRAB021	12	14	2	Clays	254.17	34.95	7.63	28.11	5.15	1.07	4.26	0.71	3.93	0.77	2.30	0.33	2.32	0.34	22.10	368		
KWRAB021	14	16	2	Clays	122.40	29.91	6.90	24.38	4.66	1.08	4.10	0.62	3.56	0.71	2.10	0.34	2.10	0.32	21.33	225		
KWRAB021	16	18	2	Clays	116.08	46.09	8.78	31.49	5.40	1.27	4.73	0.75	4.25	0.77	2.34	0.35	2.12	0.33	23.87	249		
KWRAB021	18	20	2	Clays	86.79	42.46	9.63	34.99	5.97	1.49	4.96	0.71	4.06	0.74	2.12	0.31	2.03	0.32	24.26	221		

Hole ID	From m	To m	Int.	Rock	Ce_2O_3 ppm	La_2O_3 ppm	Pr_2O_3 ppm	Nd_2O3 ppm	Sm_2O3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	>500ppm TREO Length (m)	>500ppm TREO TREO ppm
KWRAB022	0	1	1	Soil	309.22	210.52	39.91	132.39	20.58	3.52	12.85	1.90	9.87	1.87	4.93	0.71	4.91	0.66	47.11	801		
KWRAB022	1	3	2	Laterite	255.34	113.76	21.71	69.75	10.41	1.89	7.27	1.14	6.17	1.18	3.29	0.55	3.36	0.47	29.84	526		
KWRAB022	3	5	2	Laterite	1002.63	83.50	17.67	60.65	10.70	1.60	6.79	1.19	5.99	1.16	3.25	0.53	3.66	0.53	27.68	1228	**5**	**862**
KWRAB022	5	7	2	Clays	132.36	76.70	17.44	61.00	10.41	1.82	7.54	1.13	6.15	1.26	3.42	0.56	3.60	0.55	35.81	360		
KWRAB022	7	9	2	Clays	308.05	114.70	27.97	98.68	16.12	2.89	11.11	1.57	8.17	1.58	4.15	0.65	4.24	0.61	46.10	647		
KWRAB022	9	11	2	Clays	281.11	129.59	34.87	120.72	20.93	3.57	13.31	1.88	9.62	1.80	4.81	0.70	4.17	0.64	50.54	678		
KWRAB022	11	12	1	Clays	254.17	136.04	37.68	135.30	24.35	4.47	16.77	2.51	12.85	2.44	6.66	0.93	5.61	0.78	78.23	719		
KWRAB022	12	14	2	Clays	285.80	151.29	38.15	141.13	26.21	4.96	20.75	2.97	15.90	2.94	8.04	1.14	6.58	0.97	91.18	798	**7**	**709**
KWRAB022	14	16	2	Shales	227.82	137.80	33.70	130.05	27.02	5.69	24.67	3.78	22.04	4.40	12.29	1.66	9.54	1.42	130.16	772		
KWRAB022	16	18	2	Shales	339.68	225.76	50.67	200.62	38.73	8.21	35.96	5.26	30.07	5.99	16.58	2.27	12.64	1.81	175.88	1150		
KWRAB022	18	20	2	Shales	229.57	130.77	30.90	120.14	22.21	4.96	23.17	3.40	20.37	4.38	12.64	1.68	10.02	1.49	140.32	756	**6**	**893**
KWRAB023	0	1	1	Soil	97.92	75.76	13.40	44.09	7.71	1.42	5.98	1.01	6.19	1.25	3.76	0.58	3.81	0.59	33.02	297		
KWRAB023	1	3	2	Laterite	353.73	74.82	14.04	45.96	8.21	1.47	6.04	1.01	6.28	1.32	3.82	0.57	3.96	0.60	31.24	553		
KWRAB023	3	5	2	Laterite	667.64	80.10	16.97	57.50	11.31	1.85	7.78	1.35	8.10	1.55	4.61	0.70	5.07	0.76	36.19	901	**4**	**727**
KWRAB023	5	6	1	Clays	88.20	66.85	10.37	32.43	5.91	0.95	4.70	0.77	5.06	1.09	3.51	0.56	3.80	0.59	31.75	257		
KWRAB023	6	7	1	Clays	139.38	139.56	27.50	90.40	14.78	2.59	10.12	1.43	7.88	1.58	4.32	0.70	4.41	0.69	45.08	490		
KWRAB023	7	9	2	Clays	465.01	401.10	94.33	327.76	55.78	9.18	35.04	4.74	25.13	4.49	11.78	1.59	9.66	1.42	120.89	1568		
KWRAB023	9	11	2	Clays	391.21	342.46	96.90	363.92	66.79	11.87	50.25	7.01	40.28	7.42	20.93	2.88	17.25	2.49	231.76	1653		
KWRAB023	11	13	2	Clays	262.37	253.32	62.38	237.95	43.83	8.39	39.76	5.76	34.20	7.02	19.84	2.74	16.34	2.51	238.74	1235		
KWRAB023	13	14	1	Clays	281.11	301.41	71.27	284.60	52.99	10.79	53.48	7.76	47.17	9.97	28.13	3.94	23.68	3.49	344.14	1524		
KWRAB023	14	15	1	Clays	212.59	206.41	45.64	179.63	32.93	6.57	31.24	4.60	27.43	5.52	16.01	2.18	13.21	1.97	183.50	969		
KWRAB023	15	16	1	Clays	147.58	117.28	24.81	94.60	17.63	3.52	16.54	2.45	13.89	2.92	8.45	1.22	7.53	1.13	93.21	553	**9**	**1329**
KWRAB023	16	18	2	Siltstone	157.54	159.50	29.61	120.14	23.42	5.58	31.35	4.70	30.30	6.77	19.38	2.71	16.57	2.57	231.12	841	**2**	**841**
KWRAB023	18	20	2	Siltstone	133.53	77.52	16.27	60.65	11.56	2.42	10.75	1.51	9.34	2.08	6.03	0.86	5.27	0.84	80.89	420		
KWRAB024	0	1	1	Soil	262.37	98.75	20.07	71.15	13.16	2.29	10.89	1.71	10.13	2.11	6.35	0.93	6.11	0.96	60.96	568		
KWRAB024	1	3	2	Laterite	901.90	80.92	15.27	51.44	9.67	1.64	7.51	1.29	7.68	1.50	4.56	0.72	5.03	0.73	39.87	1130		
KWRAB024	3	4	1	Laterite	780.09	103.56	21.65	74.77	13.10	2.27	9.80	1.60	9.76	2.05	5.91	0.91	6.40	0.94	53.84	1087		
KWRAB024	4	5	1	Laterite	545.83	103.09	21.36	74.42	12.47	2.07	9.81	1.50	9.31	1.90	5.66	0.94	5.89	0.88	55.88	851	**5**	**953**
KWRAB024	5	7	2	Clays	242.46	104.97	21.83	76.52	13.05	2.19	10.21	1.52	9.80	2.05	6.24	0.90	6.08	0.96	62.48	561		
KWRAB024	7	9	2	Clays	151.68	112.94	21.24	72.55	11.71	2.14	9.52	1.46	9.10	1.80	5.67	0.80	5.76	0.86	54.22	461		
KWRAB024	9	11	2	Clays	211.42	99.22	21.59	76.40	13.45	2.50	10.27	1.46	8.69	1.72	5.13	0.77	5.16	0.77	52.45	511		
KWRAB024	11	13	2	Clays	216.69	184.13	37.22	134.14	22.61	4.41	19.02	2.70	16.07	3.36	9.38	1.28	7.93	1.13	106.80	767		
KWRAB024	13	15	2	Clays	361.93	267.40	62.26	226.28	39.89	7.31	29.62	4.03	22.84	4.26	11.41	1.51	8.67	1.31	119.24	1168		
KWRAB024	15	17	2	Clays	221.96	223.42	49.15	180.21	33.05	6.37	26.16	3.60	20.49	3.75	10.01	1.31	8.45	1.16	99.18	888	**12**	**726**
KWRAB024	17	20	3	Siltstone	160.47	140.15	24.93	97.74	18.73	4.09	22.76	3.44	21.75	4.85	14.41	1.80	10.56	1.60	206.36	734	**3**	**734**
KWRAB025	0	1	1	Soil	651.24	68.37	13.11	45.26	8.60	1.47	6.77	1.14	6.73	1.40	4.16	0.67	4.20	0.61	40.51	854		
KWRAB025	1	3	2	Laterite	905.41	63.33	13.22	45.61	8.56	1.53	6.52	1.20	6.56	1.36	3.97	0.63	4.03	0.60	34.16	1097		
KWRAB025	3	4	1	Laterite	1335.28	144.84	25.28	82.70	14.26	2.39	10.52	1.73	9.53	1.88	5.64	0.82	5.25	0.78	50.16	1691	**4**	**1185**
KWRAB025	4	5	1	Clays	436.89	148.95	30.19	110.69	18.03	2.95	14.12	2.08	12.51	2.49	7.33	1.10	6.96	1.08	77.08	872		
KWRAB025	5	7	2	Clays	152.27	127.25	27.74	101.94	16.70	2.80	13.54	1.97	11.88	2.43	6.77	1.08	6.81	1.03	80.38	555		

Hole ID	From m	To m	Int.	Rock	Ce_2O_3 ppm	La_2O_3 ppm	Pr_2O_3 ppm	Nd_2O3 ppm	Sm_2O3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	>500ppm TREO Length (m)	>500ppm TREO TREO ppm
KWRAB025	7	9	2	Clays	242.46	194.68	45.64	166.21	27.60	4.57	20.00	2.81	15.72	3.02	8.05	1.30	7.16	1.16	89.15	830		
KWRAB025	9	12	3	Clays	374.82	266.23	61.67	223.95	37.46	5.89	24.90	3.53	19.57	3.59	9.66	1.42	8.61	1.27	104.51	1147		
KWRAB025	12	13	1	Clays	354.90	516.03	100.41	398.91	71.08	12.56	68.46	9.94	59.91	12.54	33.85	4.74	26.42	4.09	491.45	2165	**9**	**1027**
KWRAB025	13	15	2	Sandstone	209.08	190.58	37.33	142.88	24.12	4.09	20.17	2.69	15.55	3.08	8.42	1.21	7.16	1.07	104.39	772		
KWRAB025	15	18	3	Sandstone	223.72	129.01	29.84	114.77	20.47	3.42	15.79	2.19	13.20	2.47	6.56	0.91	5.48	0.86	77.21	646	**5**	**696**
KWRAB025	18	20	2	Slate	182.14	95.70	20.83	76.87	13.57	2.26	9.74	1.37	7.90	1.57	4.28	0.62	3.73	0.63	46.35	468		
KWRAB026	0	1	1	Soil	126.50	65.91	14.39	54.00	10.13	1.82	8.37	1.30	7.93	1.59	4.80	0.79	4.84	0.76	46.22	349		
KWRAB026	1	3	2	Laterite	89.14	47.03	10.49	38.37	7.60	1.19	5.47	0.92	6.06	1.24	3.62	0.63	3.85	0.59	33.40	250		
KWRAB026	3	5	2	Laterite	421.67	52.31	11.59	42.57	7.94	1.20	5.61	0.90	5.88	1.26	3.66	0.61	4.12	0.64	34.16	594		
KWRAB026	5	6	1	Laterite	917.13	70.84	15.68	57.62	10.24	1.66	7.72	1.29	7.54	1.56	4.55	0.74	4.92	0.73	44.95	1147	**3**	**778**
KWRAB026	6	8	2	Clays	411.13	81.39	18.32	66.72	12.23	1.88	8.82	1.46	9.35	1.91	5.72	0.95	6.23	0.91	54.61	682	**2**	**682**
KWRAB026	8	10	2	Clays	81.17	51.37	11.11	40.47	7.22	1.20	5.54	0.90	5.93	1.36	3.99	0.66	4.19	0.71	39.49	255		
KWRAB026	10	12	2	Clays	45.80	47.03	9.92	36.28	6.55	1.10	5.35	0.82	5.04	1.05	3.33	0.57	3.72	0.63	34.16	201		
KWRAB026	12	14	2	Clays	81.87	93.12	18.90	71.27	11.33	2.06	9.00	1.30	7.80	1.62	4.49	0.71	3.96	0.64	48.51	357		
KWRAB026	14	16	2	Clays	135.29	155.98	33.94	125.97	20.93	3.60	14.87	2.01	11.65	2.19	5.99	0.95	5.55	0.83	67.94	588	**2**	**588**
KWRAB026	16	18	2	Siltstone	174.52	129.59	31.13	110.22	18.32	2.88	10.71	1.46	7.61	1.48	3.87	0.59	3.54	0.57	40.51	537	**2**	**537**
KWRAB026	18	20	2	Clays	191.51	112.94	25.04	93.20	16.06	2.73	11.12	1.48	8.50	1.70	4.56	0.71	4.14	0.66	48.76	523	**2**	**523**
KWRAB027	0	1	1	Soil	140.56	88.78	18.08	68.12	12.76	2.00	9.38	1.55	9.55	2.02	5.84	0.90	5.93	0.90	57.27	424		
KWRAB027	1	3	2	Laterite	113.97	41.63	7.99	28.23	5.29	0.81	3.69	0.60	4.07	0.88	2.65	0.46	3.07	0.50	24.76	239		
KWRAB027	3	5	2	Laterite	1164.27	73.07	15.97	57.04	9.86	1.40	6.72	1.14	6.69	1.31	3.87	0.62	4.26	0.71	34.67	1382		
KWRAB027	5	7	2	Laterite	1177.16	64.27	14.80	54.82	10.22	1.55	6.89	1.19	6.98	1.42	3.98	0.67	4.10	0.61	34.80	1383	**4**	**1383**
KWRAB027	7	9	2	Clays	217.86	260.36	62.96	232.70	40.24	6.48	27.20	4.01	22.84	4.47	12.06	1.66	10.04	1.46	133.34	1038		
KWRAB027	9	11	2	Clays	446.27	382.33	82.74	291.60	50.09	9.07	40.23	5.89	33.86	6.80	18.92	2.47	14.75	2.19	236.20	1623		
KWRAB027	11	13	2	Clays	361.93	279.13	61.44	221.62	39.31	7.01	30.31	4.30	24.33	4.70	12.98	1.63	10.20	1.50	142.86	1203		
KWRAB027	13	15	2	Clays	152.27	178.85	39.56	144.05	25.74	4.97	21.44	3.06	17.96	3.60	9.70	1.29	7.78	1.18	110.74	722		
KWRAB027	15	17	2	Clays	101.43	141.91	29.84	109.76	18.50	3.68	15.79	2.22	12.97	2.44	6.79	0.93	5.60	0.84	78.23	531		
KWRAB027	17	20	3	Clays	112.44	138.98	25.04	98.91	17.97	3.87	17.63	2.45	14.46	2.90	8.02	1.06	6.42	1.01	93.85	545	**13**	**913**
KWRAB028	0	1	1	Soil	214.35	112.94	20.83	71.15	10.70	1.82	8.55	1.27	7.84	1.52	4.31	0.71	4.51	0.69	43.56	505		
KWRAB028	1	3	2	Laterite	766.03	143.08	25.28	74.88	10.83	1.68	6.96	1.12	6.19	1.20	3.81	0.54	4.08	0.59	29.97	1076		
KWRAB028	3	5	2	Laterite	885.50	119.04	24.23	78.27	12.99	2.07	7.96	1.30	7.55	1.39	4.20	0.71	4.65	0.68	34.67	1185	**5**	**1006**
KWRAB028	5	6	1	Clays	652.41	122.56	22.76	75.93	13.28	2.14	9.20	1.48	8.64	1.79	5.20	0.81	5.75	0.85	46.99	970		
KWRAB028	6	7	1	Clays	235.43	192.93	50.67	181.38	32.93	5.57	22.82	3.12	16.93	2.91	7.55	1.04	6.15	0.81	69.08	829		
KWRAB028	7	9	2	Clays	226.06	180.02	47.75	172.04	31.31	5.00	22.01	3.19	19.22	3.53	10.86	1.59	10.15	1.46	111.62	846		
KWRAB028	9	11	2	Clays	245.97	178.27	46.34	169.71	28.53	4.70	20.98	2.97	17.73	3.52	10.27	1.47	9.33	1.39	112.01	853		
KWRAB028	11	12	1	Clays	473.21	288.51	82.62	293.93	51.83	8.56	36.65	5.05	28.58	5.30	15.67	2.11	13.27	1.81	166.99	1474		
KWRAB028	12	14	2	Clays	285.80	245.12	64.37	240.28	44.88	7.70	33.54	4.82	28.58	5.40	15.84	2.15	13.84	1.85	172.07	1166		
KWRAB028	14	16	2	Clays	402.93	263.88	72.09	268.27	49.98	8.39	35.96	5.02	29.04	5.20	14.98	2.01	13.10	1.76	151.12	1324		
KWRAB028	16	17	1	Clays	255.34	158.33	38.74	144.63	27.60	4.98	22.88	3.27	20.43	3.95	11.66	1.62	10.95	1.48	116.20	822	**12**	**1039**
KWRAB028	17	18	1	Siltstone	233.09	188.23	35.11	139.97	26.90	5.55	38.15	5.56	37.30	8.85	26.30	3.59	20.61	3.20	407.64	1180	**1**	**1180**
KWRAB028	18	20	2	Siltstone	152.27	79.52	17.09	59.25	10.49	1.99	8.51	1.15	7.00	1.43	4.38	0.58	3.88	0.57	55.75	404		

Hole ID	From m	To m	Int.	Rock	Ce_2O_3 ppm	La_2O_3 ppm	Pr_2O_3 ppm	Nd_2O3 ppm	Sm_2O3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	>500ppm TREO Length (m)	>500ppm TREO TREO ppm
KWRAB028	20	24	4	Siltstone	128.84	76.00	17.03	59.95	10.09	1.76	7.35	0.96	5.66	1.07	3.38	0.47	2.79	0.43	34.92	351		
KWRAB028	24	27	3	Siltstone	108.81	62.28	15.04	54.70	10.02	1.86	7.19	1.00	6.01	1.12	3.37	0.48	2.81	0.40	36.32	311		
KWRAB028	27	30	3	Siltstone	114.79	59.58	14.04	49.22	8.82	1.41	5.94	0.81	4.64	0.87	2.40	0.33	2.15	0.32	26.03	291		
KWRAB028	30	31.5	1.5	Siltstone	189.75	85.97	18.96	63.80	10.74	1.82	7.75	0.97	5.75	1.12	3.42	0.47	3.17	0.47	33.53	428		
KWRAB029	0	1	1	Clays	146.41	69.43	14.86	49.92	9.09	1.37	6.63	1.00	6.28	1.24	3.91	0.58	3.91	0.63	37.34	353		
KWRAB029	1	3	2	Laterite	372.47	115.40	25.16	86.43	15.54	2.48	11.99	1.81	11.47	2.27	6.48	1.02	6.57	0.89	64.76	725	**2**	**725**
KWRAB029	3	4	1	Clays	209.66	102.85	22.53	79.43	13.97	2.57	10.63	1.44	8.37	1.56	4.36	0.65	3.79	0.58	48.76	511	**1**	**511**
KWRAB029	4	6	2	Siltstone	240.12	86.79	19.72	67.88	11.20	2.03	8.17	1.15	6.94	1.31	3.53	0.49	3.58	0.51	38.73	492		
KWRAB029	6	8	2	Siltstone	156.95	78.23	17.67	60.19	10.99	1.98	7.69	1.09	6.67	1.21	3.34	0.49	3.18	0.47	36.57	387		
KWRAB029	8	10	2	Siltstone	172.77	86.32	19.25	66.25	11.60	1.89	8.19	1.13	6.93	1.25	3.76	0.56	3.62	0.53	38.10	422		
KWRAB029	10	12	2	Siltstone	204.39	89.48	20.19	70.10	12.00	1.90	8.74	1.25	6.61	1.24	3.52	0.51	3.39	0.50	37.21	461		
KWRAB029	12	14	2	Siltstone	189.75	91.13	20.54	70.22	12.41	2.12	8.46	1.14	6.28	1.13	3.38	0.48	3.14	0.47	33.91	445		
KWRAB029	14	16	2	Siltstone	173.94	70.72	16.38	57.62	10.74	2.03	8.30	1.23	7.59	1.47	4.59	0.69	4.57	0.59	46.73	407		
KWRAB029	16	18	2	Siltstone	187.99	82.80	18.90	67.18	12.23	2.12	8.76	1.15	6.89	1.28	3.57	0.53	3.38	0.49	38.22	435		
KWRAB029	18	20	2	Siltstone	182.72	82.57	19.25	68.35	13.05	2.23	9.37	1.30	7.45	1.37	3.92	0.55	4.07	0.53	40.76	437		
KWRAB030	0	1	1	Soil	144.66	62.51	12.81	43.62	7.92	1.39	6.44	0.98	6.07	1.25	3.66	0.58	3.95	0.56	35.81	332		
KWRAB030	1	3	2	Laterite	347.88	55.24	11.42	38.84	7.06	1.20	4.99	0.77	5.05	1.01	3.28	0.50	3.60	0.51	28.06	509		
KWRAB030	3	5	2	Laterite	945.24	53.01	11.63	39.89	7.89	1.31	5.75	1.07	6.34	1.29	3.90	0.69	4.42	0.66	33.53	1117	**4**	**813**
KWRAB030	5	7	2	Clays	131.77	29.67	5.70	19.48	3.77	0.61	3.40	0.53	3.80	0.86	2.69	0.48	3.02	0.47	24.89	231		
KWRAB030	7	9	2	Clays	92.88	36.00	7.99	28.93	5.60	0.98	4.30	0.70	4.72	0.89	3.09	0.48	3.29	0.49	29.72	220		
KWRAB030	9	10	1	Clays	140.56	85.38	19.08	69.52	11.07	2.03	8.67	1.23	7.33	1.53	4.47	0.65	3.96	0.57	48.51	405		
KWRAB030	10	13	3	Clays	172.18	127.25	26.92	103.23	17.05	3.30	13.95	1.93	10.88	2.10	5.16	0.75	5.15	0.69	61.46	552	**3**	**552**
KWRAB030	13	15	2	Clays	148.17	76.11	17.73	67.77	11.24	2.17	8.37	1.15	6.09	1.17	3.09	0.46	2.90	0.41	32.38	379		
KWRAB030	15	16	1	Clays	161.05	77.05	16.27	61.24	9.98	1.83	7.50	1.13	6.17	1.31	3.52	0.49	3.63	0.50	38.73	390		
KWRAB030	16	18	2	Clays	154.61	75.88	17.14	66.37	11.38	2.27	10.13	1.50	8.41	1.75	4.78	0.59	3.96	0.58	54.86	414		
KWRAB030	18	20	2	Clays	158.13	74.36	16.97	67.42	12.70	2.50	9.77	1.40	8.27	1.68	4.11	0.59	3.64	0.56	50.16	412		
KWRAB031	0	1	1	Soil	208.49	57.70	11.50	41.52	7.61	1.39	6.62	1.14	6.47	1.42	4.27	0.63	4.57	0.74	41.14	395		
KWRAB031	1	3	2	Laterite	747.29	48.79	10.15	38.49	6.89	1.39	5.82	1.06	6.09	1.23	3.88	0.59	4.41	0.61	32.64	909		
KWRAB031	3	4	1	Laterite	1000.29	56.65	12.35	45.72	8.30	1.34	6.14	1.12	6.06	1.27	3.75	0.59	3.95	0.63	33.65	1182	**3**	**1000**
KWRAB031	4	6	2	Clays	378.33	119.63	21.94	78.85	11.94	2.14	9.75	1.44	7.83	1.63	4.59	0.71	4.67	0.72	48.38	693		
KWRAB031	6	8	2	Clays	256.51	183.54	42.01	155.71	25.28	4.41	18.38	2.50	13.72	2.70	7.38	0.96	6.11	0.96	86.10	806		
KWRAB031	8	10	2	Clays	209.66	133.70	32.18	123.06	20.24	3.45	14.64	1.99	11.53	2.20	5.79	0.75	5.20	0.77	71.75	637	**6**	**712**
KWRAB031	10	11	1	Clays	154.61	108.13	24.23	89.11	14.61	2.59	11.25	1.44	8.26	1.64	4.45	0.66	4.12	0.66	53.46	479		
KWRAB031	11	13	2	Clays	157.54	96.40	20.71	76.75	12.52	2.30	9.42	1.36	7.10	1.53	4.08	0.62	4.09	0.58	49.65	445		
KWRAB031	13	15	2	Clays	91.71	56.76	12.11	46.19	7.82	1.40	5.72	0.83	4.36	0.88	2.55	0.37	2.43	0.33	28.19	262		
KWRAB031	15	17	2	Clays	98.27	56.06	12.17	45.26	7.33	1.39	5.61	0.74	4.35	0.96	2.42	0.35	2.40	0.35	27.56	265		
KWRAB031	17	20	3	Clays	136.46	59.93	13.11	48.87	8.02	1.42	5.66	0.86	4.41	0.86	2.48	0.38	2.39	0.36	27.43	313		
KWRAB032	0	1	1	Soil	846.85	76.94	16.33	62.40	11.65	2.01	8.92	1.53	8.91	1.79	5.16	0.80	5.72	0.84	52.83	1103		
KWRAB032	1	3	2	Laterite	956.95	120.21	16.79	55.29	9.79	1.71	7.53	1.30	7.54	1.52	4.53	0.72	5.32	0.81	40.13	1230		
KWRAB032	3	5	2	Laterite	643.04	121.97	20.95	71.62	12.12	2.06	8.96	1.55	9.00	1.84	5.25	0.82	5.81	0.86	53.59	959	**5**	**1096**

Hole ID	From m	To m	Int.	Rock	Ce_2O_3 ppm	La_2O_3 ppm	Pr_2O_3 ppm	Nd_2O3 ppm	Sm_2O3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	>500ppm TREO Length (m)	>500ppm TREO TREO ppm
KWRAB032	5	7	2	Clays	264.71	101.80	20.89	74.42	11.53	1.93	8.14	1.25	7.13	1.53	4.01	0.62	4.46	0.68	46.10	549		
KWRAB032	7	9	2	Clays	223.13	102.27	22.88	86.55	14.09	2.35	9.68	1.51	8.55	1.74	5.10	0.73	5.35	0.83	53.08	538		
KWRAB032	9	10	1	Clays	305.71	152.46	30.78	108.94	17.16	2.96	12.33	1.78	10.10	2.04	5.61	0.83	5.83	0.91	59.05	717		
KWRAB032	10	12	2	Clays	320.94	358.88	80.52	332.42	60.42	11.47	55.09	7.87	44.65	9.13	22.87	2.94	18.16	2.64	300.97	1629	**7**	**878**
KWRAB032	12	14	2	Shales	182.14	95.23	21.88	84.33	15.77	2.77	12.79	1.81	10.18	2.15	5.82	0.80	5.63	0.90	67.05	509	**2**	**509**
KWRAB032	14	16	2	Shales	172.18	79.05	16.79	61.82	9.74	1.76	6.87	0.96	5.34	1.11	2.88	0.46	3.10	0.48	33.65	396		
KWRAB032	16	18	2	Shales	196.78	89.84	21.36	84.21	14.90	2.57	10.82	1.66	8.95	1.75	4.78	0.67	4.33	0.65	54.35	498		
KWRAB032	18	20	2	Shales	178.04	85.03	19.02	66.02	11.65	1.92	7.92	1.15	6.22	1.20	3.36	0.50	3.02	0.48	35.68	421		
KWRAB033	0	1	1	Soil	260.03	78.69	12.99	49.57	8.63	1.60	7.15	1.16	7.10	1.44	4.14	0.66	4.48	0.63	41.65	480		
KWRAB033	1	3	2	Laterite	884.33	163.02	21.30	70.45	11.00	1.97	7.94	1.45	8.38	1.71	4.99	0.77	5.36	0.75	41.27	1225		
KWRAB033	3	5	2	Laterite	324.45	126.66	19.90	74.30	12.52	2.37	10.00	1.62	9.92	2.02	5.75	0.91	6.07	0.85	54.35	652	**4**	**938**
KWRAB033	5	7	2	Sandstone	184.48	49.96	9.36	38.02	6.31	1.19	5.20	0.82	4.95	1.00	3.05	0.47	2.89	0.43	30.48	339		
KWRAB033	7	10	3	Sandstone	28.58	16.42	2.91	11.78	1.83	0.35	1.66	0.25	1.47	0.33	0.97	0.16	0.98	0.14	10.79	79		
KWRAB033	10	13	3	Sandstone	19.44	11.14	1.99	7.93	1.28	0.25	1.18	0.18	1.11	0.25	0.72	0.13	0.71	0.11	8.25	55		
KWRAB033	13	16	3	Siltstone	37.95	33.07	7.10	29.86	4.85	1.11	5.13	0.79	4.94	1.04	2.87	0.43	2.45	0.38	37.72	170		
KWRAB033	16	18	2	Siltstone	53.06	54.54	11.11	46.07	7.78	1.75	8.16	1.19	7.26	1.51	4.30	0.59	3.56	0.51	60.70	262		
KWRAB033	18	19	1	Clays	79.53	82.80	16.79	70.33	11.48	2.63	11.87	1.74	10.98	2.27	6.31	0.87	5.22	0.76	89.78	393		
KWRAB034	0	1	1	Soil	136.46	91.83	16.38	63.22	10.37	1.95	9.13	1.36	8.83	1.71	4.96	0.73	4.91	0.69	54.48	407		
KWRAB034	1	3	2	Laterite	525.91	91.13	14.39	51.44	8.16	1.54	6.48	1.09	6.09	1.25	3.74	0.59	3.88	0.52	33.91	750		
KWRAB034	3	5	2	Laterite	1058.86	141.91	22.18	78.03	11.77	2.19	8.84	1.54	8.16	1.60	4.71	0.75	4.77	0.67	45.21	1391	**4**	**1071**
KWRAB034	5	8	3	Sandstone	289.31	73.30	13.05	49.69	7.97	1.44	6.74	1.05	5.98	1.23	3.58	0.54	3.45	0.50	38.48	496		
KWRAB034	8	11	3	Sandstone	56.57	35.65	6.86	27.53	4.37	0.87	4.07	0.61	3.66	0.73	2.20	0.32	2.06	0.31	24.76	171		
KWRAB034	11	14	3	Clays	67.12	51.02	10.50	41.87	7.25	1.44	6.10	0.87	5.22	1.04	2.95	0.45	2.76	0.40	33.40	232		
KWRAB034	14	18	4	Clays	70.63	39.52	7.44	29.16	4.75	1.00	3.72	0.56	3.16	0.62	1.80	0.29	1.70	0.26	19.81	184		
KWRAB035	0	1	1	Soil	184.48	107.08	20.36	82.11	13.80	2.67	11.81	1.84	11.04	2.26	6.39	0.93	6.10	0.86	67.81	520		
KWRAB035	1	3	2	Laterite	619.62	74.47	13.11	49.92	8.66	1.53	6.98	1.21	6.93	1.39	3.99	0.65	4.13	0.63	37.84	831		
KWRAB035	3	4	1	Laterite	1117.42	88.43	15.27	56.69	9.58	1.74	7.00	1.32	7.18	1.41	4.25	0.69	4.48	0.60	36.95	1353	**4**	**884**
KWRAB035	4	6	2	Clays	570.42	108.60	21.12	83.05	13.51	2.59	11.42	1.86	10.75	2.18	6.19	0.94	6.15	0.88	63.37	903		
KWRAB035	6	8	2	Clays	208.49	197.03	32.53	124.80	19.95	3.88	15.50	2.30	13.14	2.59	7.01	1.03	6.59	0.90	74.16	710		
KWRAB035	8	10	2	Clays	113.73	161.85	35.93	133.55	21.92	4.38	20.29	2.94	17.62	3.62	9.98	1.36	7.80	1.18	126.99	663		
KWRAB035	10	12	2	Clays	117.13	72.36	16.21	57.85	9.50	2.00	8.21	1.25	7.20	1.42	4.04	0.56	3.51	0.53	48.89	351		
KWRAB035	12	14	2	Clays	244.80	136.63	25.51	94.48	16.23	3.44	11.81	1.61	8.53	1.56	3.97	0.49	3.11	0.47	44.32	597		
KWRAB035	14	16	2	Clays	215.52	118.45	31.95	117.81	20.35	3.95	13.66	1.85	10.29	1.86	4.93	0.69	3.80	0.57	58.03	604	**12**	**638**
KWRAB035	16	18	2	Clays	147.00	77.52	16.85	59.60	10.02	1.91	7.16	1.01	5.92	1.10	3.05	0.46	2.70	0.40	35.81	371		
KWRAB035	18	20	2	Clays	35.61	16.18	3.60	13.41	2.23	0.51	1.91	0.28	1.76	0.37	0.94	0.15	0.90	0.14	11.05	89		
KWRAB036	0	1	1	Soil	105.77	52.31	10.94	39.31	7.24	1.31	6.25	1.04	6.34	1.31	3.82	0.56	3.83	0.59	39.24	280		
KWRAB036	1	3	2	Laterite	152.85	61.92	13.05	47.01	8.49	1.42	7.19	1.13	7.39	1.50	4.77	0.72	4.69	0.74	45.72	359		
KWRAB036	3	4	1	Clays	221.96	51.25	9.94	34.41	6.31	1.11	5.27	0.97	5.78	1.21	3.77	0.58	4.34	0.60	36.70	384		
KWRAB036	4	6	2	Clays	213.18	53.60	10.13	35.58	6.42	1.12	5.46	0.94	5.88	1.33	3.89	0.63	4.29	0.66	38.35	381		
KWRAB036	6	9	3	Clays	41.11	28.97	5.01	17.26	3.05	0.57	2.50	0.40	2.51	0.52	1.65	0.29	1.90	0.30	16.76	123		

Hole ID	From m	To m	Int.	Rock	Ce_2O_3 ppm	La_2O_3 ppm	Pr_2O_3 ppm	Nd_2O3 ppm	Sm_2O3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	>500ppm TREO Length (m)	>500ppm TREO TREO ppm
KWRAB036	9	12	3	Clays	110.80	119.63	27.85	100.08	17.16	3.02	12.97	1.90	10.67	2.11	5.93	0.87	5.16	0.77	65.91	485		
KWRAB036	12	15	3	Clays	126.50	79.63	18.26	65.90	12.06	2.29	9.20	1.34	7.69	1.47	4.00	0.63	3.70	0.57	46.10	379		
KWRAB036	15	18	3	Clays	47.44	29.44	6.88	26.71	5.37	1.10	4.20	0.61	3.78	0.70	1.97	0.29	1.75	0.26	20.70	151		
KWRAB036	18	21	3	Clays	169.84	123.73	27.74	95.64	15.25	2.62	10.42	1.45	7.86	1.49	4.05	0.63	3.96	0.63	43.94	509	**3**	**509**
KWRAB037	0	1	1	Soil	192.68	79.40	16.85	61.59	10.87	2.03	9.67	1.46	9.23	1.88	5.47	0.77	5.43	0.83	54.10	452		
KWRAB037	1	4	3	Laterite	193.85	52.19	11.38	41.06	7.53	1.39	6.10	1.04	6.40	1.25	3.85	0.57	4.00	0.61	35.68	367		
KWRAB037	4	7	3	Clays	213.18	93.12	18.90	67.30	11.21	1.99	8.94	1.44	8.65	1.78	5.23	0.75	5.35	0.85	55.37	494		
KWRAB037	7	8	1	Clays	258.86	98.63	21.30	78.27	13.86	2.58	10.55	1.59	10.05	1.96	5.42	0.78	5.20	0.82	56.89	567	**1**	**567**
KWRAB037	8	10	2	Clays	163.40	99.22	23.87	87.71	15.07	2.79	11.41	1.68	10.26	2.08	5.90	0.78	5.48	0.83	63.50	494		
KWRAB037	10	12	2	Clays	110.57	123.14	22.88	81.06	13.34	2.54	11.04	1.60	9.71	1.99	5.49	0.75	4.94	0.76	62.23	452		
KWRAB037	12	14	2	Clays	153.44	137.22	30.08	106.03	16.99	3.17	13.08	1.90	11.82	2.38	6.76	0.93	5.85	0.86	75.81	566		
KWRAB037	14	16	2	Clays	290.48	296.72	45.06	146.38	23.08	4.34	16.37	2.45	14.06	2.67	7.41	0.98	6.19	0.90	79.75	937		
KWRAB037	16	18	2	Clays	171.60	150.12	32.42	116.17	19.02	3.61	13.89	2.04	12.28	2.43	6.68	0.87	5.51	0.84	75.81	613	**6**	**705**
KWRAB037	18	20	2	Mudstone	131.77	121.38	25.75	89.93	15.02	2.99	11.87	1.69	10.47	2.03	5.87	0.77	4.77	0.73	64.38	489		
KWRAB038	0	1	1	Soil	64.54	38.23	7.15	25.54	4.22	0.82	3.96	0.66	4.01	0.90	2.78	0.41	2.96	0.49	27.81	184		
KWRAB038	1	3	2	Laterite	103.78	55.24	10.70	37.44	6.53	1.16	6.05	0.98	6.34	1.34	4.14	0.62	4.43	0.68	40.89	280		
KWRAB038	3	5	2	Clays	455.64	51.37	10.73	37.91	6.63	1.22	5.53	1.00	6.22	1.35	4.01	0.64	4.29	0.73	37.46	625	**2**	**625**
KWRAB038	5	6	1	Clays	262.37	32.60	7.19	26.13	4.71	0.90	4.05	0.73	4.50	0.93	2.81	0.43	3.11	0.45	24.76	376		
KWRAB038	6	8	2	Clays	96.16	66.50	13.93	49.11	7.61	1.39	6.17	0.92	5.68	1.17	3.41	0.50	3.45	0.55	36.32	293		
KWRAB038	8	10	2	Clays	137.04	99.22	21.71	77.45	13.34	2.45	9.84	1.40	8.05	1.55	4.13	0.59	3.75	0.59	45.46	427		
KWRAB038	10	13	3	Clays	241.29	181.20	36.63	125.97	20.06	3.55	15.27	2.08	11.76	2.26	6.32	0.83	5.47	0.77	76.45	730		
KWRAB038	13	16	3	Clays	257.69	207.00	36.05	131.22	21.16	3.98	18.21	2.65	15.78	3.26	9.42	1.34	8.32	1.24	108.96	826	**6**	**778**
KWRAB038	16	18	2	Shales	210.83	118.45	19.60	73.25	12.81	2.48	11.49	1.55	9.50	2.02	6.03	0.82	4.89	0.83	84.45	559	**2**	**559**
KWRAB039	0	1	1	Soil	113.62	74.82	14.92	52.95	9.51	1.53	7.77	1.22	7.68	1.66	4.67	0.71	4.99	0.78	49.91	347		
KWRAB039	1	3	2	Laterite	187.99	91.13	14.98	47.94	8.07	1.24	6.11	0.93	6.29	1.29	3.92	0.62	4.50	0.65	37.34	413		
KWRAB039	3	6	3	Laterite	366.62	124.32	19.49	60.19	9.13	1.46	6.63	1.09	6.67	1.36	4.08	0.65	4.24	0.68	38.22	645	**3**	**645**
KWRAB039	6	8	2	Clays	148.17	127.25	22.53	72.55	11.58	1.98	8.31	1.29	7.79	1.68	4.88	0.79	5.18	0.83	50.92	466		
KWRAB039	8	10	2	Clays	164.57	109.19	21.83	75.82	11.94	2.17	8.60	1.22	7.44	1.42	4.36	0.70	4.43	0.69	47.24	462		
KWRAB039	10	12	2	Clays	249.49	137.22	41.66	159.80	27.71	4.99	19.94	2.73	14.75	2.73	7.51	1.01	6.45	0.96	90.80	768		
KWRAB039	12	14	2	Clays	172.18	120.21	37.92	153.96	30.61	5.58	24.67	3.58	19.97	3.86	10.13	1.38	8.81	1.26	103.75	698		
KWRAB039	14	16	2	Clays	170.42	103.21	25.40	100.31	20.35	4.15	20.86	3.07	18.99	3.96	11.25	1.51	9.19	1.49	142.86	637	**6**	**701**
KWRAB039	16	18	2	Mudstone	168.67	81.04	18.55	68.12	12.00	2.39	9.35	1.42	7.98	1.66	4.36	0.64	4.10	0.60	52.83	434		
KWRAB039	18	20	2	Mudstone	178.04	77.05	18.02	64.74	11.54	2.27	8.62	1.28	6.82	1.40	3.81	0.53	3.70	0.57	41.65	420		
KWRAB039	20	22	2	Shales	158.13	73.53	16.91	61.70	11.07	2.29	8.59	1.27	7.06	1.34	3.95	0.56	3.45	0.55	41.14	392		
KWRAB039	22	24	2	Shales	147.58	67.79	15.51	56.45	10.49	2.05	7.70	1.12	6.17	1.17	3.35	0.49	3.27	0.49	37.84	361		
KWRAB040	0	1	1	Soil	339.68	60.75	11.68	39.77	7.35	1.26	5.97	1.02	5.81	1.15	3.85	0.53	3.62	0.60	36.07	519		
KWRAB040	1	3	2	Laterite	664.13	96.17	17.14	56.45	9.17	1.59	6.44	1.05	5.75	1.10	3.12	0.51	3.67	0.55	29.33	896		
KWRAB040	3	5	2	Laterite	448.61	134.87	24.34	80.83	12.87	2.06	8.85	1.31	7.82	1.53	4.47	0.69	4.69	0.68	47.11	781	**5**	**775**
KWRAB040	5	7	2	Clays	204.98	122.56	24.46	81.41	12.93	2.22	9.46	1.37	8.19	1.56	4.71	0.70	4.74	0.74	50.03	530		
KWRAB040	7	9	2	Clays	200.88	98.28	23.76	90.86	16.99	3.06	13.20	1.88	10.05	1.91	5.64	0.79	5.06	0.73	58.16	531		

Hole ID	From m	To m	Int.	Rock	Ce_2O_3 ppm	La_2O_3 ppm	Pr_2O_3 ppm	Nd_2O3 ppm	Sm_2O3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	>500ppm TREO	
																					Length (m)	TREO ppm
KWRAB040	9	11	2	Clays	188.58	87.84	23.00	92.26	18.67	3.62	16.25	2.49	13.94	2.80	7.70	1.11	6.64	0.98	78.10	544		
KWRAB040	11	13	2	Clays	180.97	81.98	22.06	92.61	19.66	3.91	20.46	3.11	18.71	4.07	11.55	1.62	9.33	1.46	161.91	633	**8**	**560**
KWRAB040	13	15	2	Shales	179.79	81.86	18.90	67.77	12.18	2.41	10.22	1.46	8.22	1.63	4.65	0.69	4.04	0.63	51.30	446		
KWRAB041	0	2	2	Laterite	394.73	37.53	8.34	30.68	6.39	1.08	4.85	0.98	5.55	1.12	3.21	0.61	4.21	0.58	27.81	528		
KWRAB041	2	4	2	Laterite	1604.68	60.05	11.53	39.19	7.36	1.26	5.38	1.22	5.82	1.17	3.44	0.58	4.08	0.55	27.56	1774	**4**	**1151**
KWRAB041	4	6	2	Clays	277.60	66.97	13.28	48.17	7.71	1.29	6.50	1.12	6.71	1.36	4.03	0.65	4.51	0.68	41.40	482		
KWRAB041	6	8	2	Clays	65.48	52.89	11.69	42.46	7.14	1.30	6.04	0.92	5.66	1.18	3.28	0.53	3.64	0.55	34.67	237		
KWRAB041	8	10	2	Clays	131.77	104.03	25.28	89.81	14.90	2.56	10.96	1.53	8.67	1.64	4.39	0.66	4.37	0.63	49.40	451		
KWRAB041	10	12	2	Clays	130.60	126.66	31.60	112.09	19.08	3.50	12.91	1.78	9.97	1.75	4.56	0.72	4.67	0.65	49.15	510		
KWRAB041	12	13	1	Clays	128.26	191.17	49.27	181.38	31.43	5.69	23.17	3.21	17.67	3.26	8.14	1.30	7.94	1.14	90.04	743	**3**	**587**
KWRAB041	13	16	3	Clays	103.78	64.39	15.68	58.67	10.25	1.93	7.33	1.04	5.74	1.03	2.69	0.40	2.90	0.40	29.08	305		
KWRAB042	0	1	1	Laterite	934.70	103.79	18.84	64.39	11.41	1.84	8.49	1.53	8.24	1.62	4.41	0.70	4.82	0.68	45.34	1211		
KWRAB042	1	3	2	Laterite	1044.80	104.73	16.74	54.00	9.57	1.59	6.97	1.36	6.86	1.37	4.01	0.67	4.42	0.64	34.29	1292		
KWRAB042	3	4	1	Laterite	658.27	112.24	22.12	78.62	13.68	2.27	10.66	1.83	10.52	2.11	5.80	0.91	6.38	0.94	57.53	984	**4**	**1195**
KWRAB042	4	6	2	Clays	324.45	115.87	23.41	84.10	14.44	2.47	11.76	1.75	10.65	2.26	6.24	0.97	6.48	0.93	65.40	671		
KWRAB042	6	8	2	Clays	228.99	124.90	22.94	79.67	13.51	2.41	10.66	1.69	10.35	2.10	5.96	0.96	6.39	0.98	61.97	573		
KWRAB042	8	10	2	Clays	275.26	107.19	22.53	81.06	14.38	2.47	11.00	1.69	10.01	1.99	5.71	0.98	6.50	0.98	59.56	601		
KWRAB042	10	12	2	Clays	244.80	124.32	29.37	109.29	19.37	3.36	14.87	2.26	12.80	2.47	6.76	1.06	6.89	1.02	73.78	652		
KWRAB042	12	14	2	Clays	216.69	184.72	47.40	186.04	34.79	6.48	29.74	4.17	24.56	4.67	12.24	1.80	10.58	1.46	152.39	918		
KWRAB042	14	16	2	Clays	218.45	164.19	41.19	162.71	30.15	5.52	26.28	3.67	21.18	4.27	10.85	1.66	9.90	1.38	146.04	847		
KWRAB042	16	18	2	Clays	187.99	140.15	33.59	131.22	24.58	4.47	21.61	3.08	18.25	3.64	9.70	1.40	8.57	1.21	126.99	716		
KWRAB042	18	20	2	Clays	156.95	110.60	27.15	104.86	18.67	3.47	16.02	2.20	12.80	2.57	6.72	1.02	6.18	0.89	86.48	557	**16**	**692**
KWRAB042	20	21	1	Clays	111.51	69.20	16.74	62.75	10.70	1.90	8.22	1.16	6.86	1.34	3.46	0.54	3.56	0.49	43.05	341		
KWRAB043	0	2	2	Laterite	386.53	48.79	8.50	29.16	5.57	0.85	4.61	0.78	4.69	0.94	2.58	0.45	3.10	0.44	26.54	524		
KWRAB043	2	4	2	Laterite	584.48	100.16	19.54	68.93	11.65	1.98	8.91	1.47	8.72	1.79	5.05	0.82	5.55	0.83	53.97	874	**4**	**699**
KWRAB043	4	6	2	Clays	278.77	100.74	20.89	75.93	12.47	2.14	10.38	1.61	10.16	2.06	5.82	0.96	6.16	0.91	63.88	593		
KWRAB043	6	8	2	Clays	364.27	90.66	18.90	67.42	12.00	2.04	9.85	1.52	9.09	1.99	5.49	0.89	5.73	0.84	57.65	648		
KWRAB043	8	10	2	Clays	294.00	144.84	32.18	118.97	20.64	3.62	16.25	2.47	13.89	2.80	7.60	1.18	7.61	1.02	83.56	751		
KWRAB043	10	12	2	Clays	254.17	155.98	36.63	134.72	23.31	4.16	17.06	2.50	14.63	2.75	7.07	1.11	7.11	0.99	80.13	742		
KWRAB043	12	14	2	Clays	210.25	194.68	49.74	189.54	33.63	6.10	24.78	3.49	19.97	3.81	9.91	1.43	8.78	1.18	115.81	873	**10**	**721**
KWRAB043	14	16	2	Siltstone	183.89	207.59	51.73	199.45	36.53	6.94	29.62	4.12	23.18	4.44	11.37	1.61	9.55	1.35	137.78	909		
KWRAB043	16	18	2	Siltstone	196.19	118.45	27.85	106.49	19.66	3.74	15.79	2.23	12.74	2.51	6.50	0.97	5.78	0.81	80.89	601	**4**	**755**
KWRAB043	18	19	1	Siltstone	172.18	85.73	19.49	70.92	12.93	2.33	9.44	1.40	7.72	1.49	3.91	0.58	3.69	0.53	43.30	436		
KWRAB044	0	1	1	Soil	472.03	73.18	14.10	50.74	9.35	1.59	7.80	1.27	7.43	1.53	4.13	0.64	4.71	0.67	42.92	692		
KWRAB044	1	3	2	Laterite	1015.52	66.15	10.97	36.16	6.33	0.98	4.70	0.97	4.89	0.99	2.89	0.43	3.21	0.48	26.54	1181		
KWRAB044	3	5	2	Laterite	392.39	90.89	15.51	51.55	8.40	1.31	6.32	1.01	5.85	1.16	3.68	0.55	3.80	0.55	33.91	617	**5**	**858**
KWRAB044	5	7	2	Clays	224.30	119.04	23.99	86.08	15.02	2.33	10.66	1.52	8.86	1.70	4.83	0.69	4.46	0.67	47.11	551		
KWRAB044	7	8	1	Clays	203.22	105.79	22.76	82.93	14.90	2.59	11.24	1.65	9.65	1.86	5.35	0.80	5.25	0.77	54.22	523		
KWRAB044	8	10	2	Clays	199.12	97.93	22.70	84.80	15.71	2.96	13.43	2.01	11.88	2.30	6.16	0.88	5.41	0.81	62.61	529		
KWRAB044	10	12	2	Clays	190.92	90.54	20.48	78.15	15.02	2.94	12.97	2.01	12.22	2.50	7.25	1.02	6.48	0.96	71.50	515		

Hole ID	From m	To m	Int.	Rock	Ce_2O_3 ppm	La_2O_3 ppm	Pr_2O_3 ppm	Nd_2O3 ppm	Sm_2O3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	>500ppm TREO Length (m)	>500ppm TREO TREO ppm
KWRAB044	12	14	2	Clays	184.48	79.05	19.31	77.92	16.29	3.43	18.10	2.89	18.99	4.46	14.01	2.01	12.30	1.84	201.28	656	**9**	**558**
KWRAB044	14	16	2	Mudstone	156.95	67.32	15.45	57.62	10.59	1.96	8.54	1.24	7.60	1.51	4.28	0.62	3.99	0.59	47.37	386		
KWRAB044	16	18	2	Siltstone	134.11	56.88	12.93	48.29	8.75	1.64	7.00	1.02	6.19	1.18	3.54	0.50	3.15	0.50	37.34	323		
KWRAB044	18	20	2	Shales	147.00	62.16	14.22	52.95	9.93	1.91	8.00	1.15	6.71	1.29	3.53	0.57	3.55	0.57	39.24	353		
KWRAB045	0	1	1	Soil	133.53	72.24	16.03	57.62	11.65	1.91	9.30	1.43	9.06	1.76	5.12	0.77	5.36	0.76	53.21	380		
KWRAB045	1	3	2	Laterite	498.97	55.71	12.05	43.27	8.92	1.48	7.17	1.29	7.59	1.50	4.48	0.72	5.16	0.74	37.72	687		
KWRAB045	3	5	2	Laterite	487.26	111.18	17.55	59.37	11.34	1.89	8.69	1.53	9.33	1.76	5.32	0.88	6.35	0.88	45.34	769	**4**	**728**
KWRAB045	5	6	1	Granite	172.18	74.59	13.58	45.61	8.06	1.11	6.59	1.05	6.32	1.24	3.87	0.55	3.93	0.59	38.22	377		
KWRAB045	6	8	2	Granite	102.14	65.91	11.94	41.87	7.34	1.13	5.96	0.92	5.64	1.16	3.43	0.54	3.70	0.55	36.70	289		
KWRAB045	8	10	2	Granite	80.00	42.22	8.43	29.28	5.76	0.78	4.90	0.82	5.49	1.15	3.49	0.56	3.95	0.64	37.08	225		
KWRAB045	10	12	2	Granite	60.91	43.63	9.01	32.78	5.87	0.91	4.55	0.66	4.57	0.90	2.69	0.41	2.80	0.43	29.59	200		
KWRAB045	12	14	2	Granite	56.34	31.31	6.92	24.84	5.52	0.54	4.60	0.81	5.53	1.17	3.69	0.59	3.96	0.63	38.22	185		
KWRAB045	14	16	2	Granite	68.05	41.28	9.44	36.28	7.42	1.16	6.74	1.06	6.63	1.28	3.89	0.61	4.01	0.63	46.61	235		
KWRAB046	0	1	1	Soil	289.31	89.84	18.14	65.78	12.35	2.06	10.12	1.62	9.85	2.02	6.16	0.96	6.27	0.98	59.30	575		
KWRAB046	1	3	2	Laterite	1628.11	79.87	15.68	54.00	9.93	1.54	7.24	1.48	7.38	1.45	4.40	0.72	4.83	0.68	36.45	1854	**3**	**1427**
KWRAB046	3	4	1	Clays	1335.28	98.63	19.84	70.33	12.00	1.92	8.98	1.68	9.04	1.81	5.28	0.86	5.64	0.84	48.89	1621		
KWRAB046	4	6	2	Clays	296.34	77.76	15.33	55.05	9.32	1.56	7.53	1.21	7.72	1.55	4.77	0.77	5.32	0.80	48.38	533		
KWRAB046	6	7	1	Clays	189.75	112.71	22.94	84.21	14.55	2.59	11.81	1.81	10.80	2.10	6.50	0.91	6.22	0.91	66.92	535		
KWRAB046	7	9	2	Clays	168.67	178.85	38.74	139.97	23.66	3.93	18.73	2.74	16.18	3.24	9.23	1.32	8.20	1.22	106.42	721		
KWRAB046	9	11	2	Clays	197.36	185.89	46.69	171.46	29.22	5.12	22.07	3.12	18.42	3.57	9.94	1.37	8.44	1.21	115.94	820	**8**	**788**
KWRAB046	11	13	2	Siltstone	135.87	66.15	16.03	57.74	9.76	1.70	7.17	1.05	5.91	1.19	3.45	0.48	2.95	0.45	36.57	346		
KWRAB046	13	15	2	Siltstone	173.94	88.31	20.13	73.72	13.51	2.54	11.26	1.71	10.46	2.07	5.85	0.82	4.96	0.71	68.07	478		
KWRAB046	15	17	2	Clays	153.44	73.07	17.73	67.88	13.74	2.69	11.49	1.76	9.97	1.96	5.29	0.72	4.61	0.65	58.54	424		
KWRAB046	17	19	2	Clays	136.46	68.61	15.68	60.07	11.57	2.21	9.64	1.46	8.77	1.68	4.73	0.67	4.27	0.64	53.21	380		
KWRAB046	19	21	2	Clays	129.43	66.73	15.04	56.57	10.40	2.08	8.70	1.28	7.90	1.56	4.37	0.61	3.67	0.52	48.51	357		
KWRAB047	0	2	2	Laterite	333.82	46.09	9.83	35.46	6.59	1.18	5.45	0.97	6.19	1.31	3.90	0.62	4.66	0.73	35.30	492		
KWRAB047	2	4	2	Laterite	445.09	144.84	31.36	106.96	16.41	2.69	11.42	1.77	10.66	1.98	5.81	0.97	6.23	0.90	52.57	840	**2**	**840**
KWRAB047	4	6	2	Clays	217.28	158.91	33.00	119.56	18.21	3.33	13.49	1.99	10.52	2.06	5.33	0.81	5.10	0.69	59.05	649	**2**	**649**
KWRAB047	6	8	2	Shales	173.94	90.54	18.61	67.42	10.90	2.37	9.12	1.34	7.62	1.41	3.98	0.57	3.71	0.53	43.30	435		
KWRAB047	8	10	2	Shales	154.03	78.93	16.85	62.64	10.74	2.32	9.24	1.32	7.93	1.51	4.36	0.57	3.69	0.50	45.97	401		
KWRAB048	0	3	3	Laterite	277.60	69.43	14.04	51.32	9.50	1.77	7.83	1.34	7.97	1.63	4.71	0.74	5.15	0.76	43.18	497		
KWRAB048	3	5	2	Clays	657.10	137.80	23.35	80.60	12.70	2.29	10.83	1.73	9.77	1.95	5.59	0.90	5.72	0.84	56.38	1008		
KWRAB048	5	7	2	Clays	302.20	174.75	31.60	106.14	15.60	2.88	11.87	1.80	10.59	2.14	6.38	0.95	6.30	0.90	66.29	740		
KWRAB048	7	9	2	Clays	282.28	204.07	39.79	134.14	19.19	3.51	13.31	1.93	11.47	2.25	6.23	0.97	6.49	0.96	66.16	793		
KWRAB048	9	11	2	Clays	258.86	167.71	34.87	120.72	18.26	3.36	13.02	2.01	12.28	2.36	7.01	0.99	7.07	1.00	72.77	722		
KWRAB048	11	13	2	Clays	278.77	157.74	33.00	117.81	18.84	3.81	15.73	2.53	14.58	2.90	8.12	1.20	7.82	1.13	91.94	756		
KWRAB048	13	15	2	Clays	250.66	125.49	27.03	104.16	18.32	3.76	16.54	2.52	15.84	3.15	8.95	1.29	8.32	1.24	99.81	687		
KWRAB048	15	17	2	Clays	268.23	119.04	25.86	101.71	18.79	4.02	17.87	2.75	15.90	3.24	9.24	1.35	8.57	1.21	103.62	701		
KWRAB048	17	19	2	Clays	274.08	136.04	29.37	114.77	20.00	4.24	18.90	2.76	16.76	3.52	9.99	1.40	9.02	1.27	113.28	755	**16**	**770**
KWRAB049	0	1	1	Soil	210.25	82.68	15.86	55.87	9.67	1.75	8.22	1.39	8.76	1.87	5.48	0.88	6.00	0.89	54.61	464		

Hole ID	From m	To m	Int.	Rock	Ce_2O_3 ppm	La_2O_3 ppm	Pr_2O_3 ppm	Nd_2O3 ppm	Sm_2O3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	>500ppm TREO Length (m)	>500ppm TREO TREO ppm
KWRAB049	1	3	2	Laterite	1235.72	78.11	14.86	51.67	8.50	1.56	6.69	1.22	6.66	1.41	3.98	0.57	4.14	0.60	36.32	1452	**2**	**1452**
KWRAB049	3	5	2	Clays	562.22	70.49	14.69	52.25	8.40	1.56	7.02	1.14	6.43	1.32	3.90	0.61	4.12	0.61	38.73	773		
KWRAB049	5	7	2	Clays	216.10	158.33	37.10	132.39	20.87	3.80	15.62	2.18	12.57	2.38	6.30	0.97	5.78	0.94	66.80	682	**4**	**728**
KWRAB049	7	9	2	Shales	178.04	100.98	21.24	80.25	13.92	2.94	13.14	2.03	11.94	2.50	7.28	0.99	5.59	0.91	90.42	532	**2**	**532**
KWRAB049	9	11	2	Shales	176.87	82.92	17.96	65.44	11.48	2.33	9.68	1.46	8.29	1.68	4.72	0.67	4.04	0.58	53.46	442		
KWRAB049	11	13	2	Clays	152.85	74.12	15.27	53.77	8.41	1.81	6.55	0.96	5.19	1.07	2.88	0.42	2.94	0.41	30.35	357		
KWRAB050	0	1	1	Soil	671.15	91.36	18.26	65.44	11.60	1.92	9.19	1.55	8.91	1.86	5.43	0.82	5.64	0.83	52.19	946		
KWRAB050	1	3	2	Laterite	889.02	90.66	18.37	64.39	10.75	1.93	8.37	1.54	8.60	1.66	5.15	0.81	5.24	0.77	48.51	1156	**3**	**1086**
KWRAB050	3	5	2	Clays	550.51	116.93	22.24	77.22	11.65	2.04	9.73	1.52	8.80	1.79	5.37	0.81	5.52	0.84	55.88	871		
KWRAB050	5	6	1	Clays	270.57	165.95	32.89	116.06	17.05	3.00	13.77	2.06	12.28	2.54	7.23	1.12	7.49	1.09	82.92	736		
KWRAB050	6	8	2	Clays	438.07	308.45	67.99	237.95	35.95	6.00	25.13	3.59	19.40	3.48	9.40	1.31	8.76	1.19	103.50	1270		
KWRAB050	8	9	1	Clays	427.52	594.61	132.83	481.72	71.90	12.51	52.90	7.02	36.61	6.58	16.18	2.18	13.27	1.90	183.50	2041	**6**	**1177**
KWRAB050	9	11	2	Shales	523.57	113.06	20.77	72.20	12.35	2.10	9.44	1.50	8.46	1.71	4.75	0.71	4.81	0.69	45.21	821	**2**	**821**
KWRAB050	11	13	2	Shales	173.94	104.85	21.77	79.78	13.05	2.49	10.63	1.47	8.57	1.67	4.54	0.67	4.37	0.63	54.86	483		
KWRAB051	0	2	2	Soil	250.66	233.39	48.33	183.12	30.61	5.95	29.39	4.11	23.53	4.54	11.95	1.64	9.47	1.36	153.02	991		
KWRAB051	2	4	2	Laterite	436.89	110.71	22.94	74.77	13.16	2.03	10.13	1.63	8.81	1.84	5.41	0.82	5.61	0.82	56.13	752	**4**	**871**
KWRAB051	4	6	2	Clays	334.99	138.39	29.02	97.04	16.06	2.69	12.91	1.91	11.02	2.27	6.50	0.90	6.33	0.93	71.24	732		
KWRAB051	6	8	2	Clays	334.99	151.88	32.89	108.01	18.03	3.02	13.83	1.96	10.43	2.16	5.74	0.86	5.84	0.81	64.00	754		
KWRAB051	8	10	2	Clays	577.45	246.29	54.65	182.54	29.11	4.94	22.25	3.20	16.99	3.31	8.46	1.22	8.35	1.11	99.31	1259		
KWRAB051	10	11	1	Clays	509.52	506.65	129.32	438.57	72.71	11.58	52.33	6.84	35.35	6.52	16.41	2.28	13.84	1.92	201.28	2005	**7**	**1071**
KWRAB051	11	13	2	Shales	297.51	221.66	45.99	156.88	26.90	4.83	24.55	3.30	18.31	3.81	10.13	1.44	8.75	1.30	144.77	970		
KWRAB051	13	16	3	Shales	202.63	96.52	21.59	72.08	13.39	2.40	11.31	1.59	9.16	1.81	5.07	0.72	4.67	0.64	56.64	500	**5**	**688**
KWRAB052	0	2	2	Laterite	346.70	51.25	10.78	35.11	6.92	1.15	5.68	0.97	5.69	1.23	3.53	0.61	4.27	0.69	33.65	508		
KWRAB052	2	4	2	Laterite	593.85	138.39	27.85	89.23	14.61	2.52	11.30	1.66	9.28	1.86	5.10	0.80	5.28	0.76	49.02	952	**4**	**730**
KWRAB052	4	5	1	Clays	456.81	404.62	89.18	300.93	50.21	8.38	38.50	5.19	27.09	5.17	13.21	1.88	11.84	1.63	161.28	1576		
KWRAB052	5	7	2	Clays	302.20	182.96	39.21	131.80	22.90	4.01	18.56	2.50	13.60	2.53	6.63	0.97	6.41	0.89	78.35	814	**3**	**1068**
KWRAB052	7	10	3	Shales	211.42	103.56	23.00	78.27	14.15	2.58	11.11	1.60	8.11	1.59	4.46	0.62	3.92	0.55	47.88	513	**3**	**513**
KWRAB053	0	1	1	Soil	616.10	124.32	25.75	85.03	15.89	2.73	12.33	1.95	11.22	2.27	6.33	0.95	6.47	0.92	65.65	978		
KWRAB053	1	3	2	Laterite	1206.44	76.11	16.33	52.60	9.53	1.61	7.19	1.29	6.92	1.35	3.88	0.63	4.58	0.61	39.24	1428	**3**	**1278**
KWRAB053	3	5	2	Clays	572.77	150.12	31.48	104.63	17.86	2.96	14.23	2.19	12.40	2.49	6.86	1.04	6.97	1.03	74.29	1001		
KWRAB053	5	7	2	Clays	241.29	119.63	25.16	82.46	14.38	2.51	11.76	1.76	9.84	2.04	5.99	0.91	6.01	0.89	62.35	587		
KWRAB053	7	9	2	Clays	309.22	168.88	36.98	119.56	20.18	3.37	14.06	1.95	10.50	2.00	5.50	0.82	5.68	0.83	57.27	757		
KWRAB053	9	11	2	Clays	319.76	196.44	44.59	145.80	25.16	4.18	16.77	2.31	11.27	2.10	5.26	0.78	5.15	0.74	58.67	839		
KWRAB053	11	13	2	Clays	302.20	284.99	63.78	212.87	35.60	6.24	27.32	3.61	18.76	3.45	8.84	1.19	7.42	1.11	111.24	1089		
KWRAB053	13	15	2	Clays	285.80	220.49	48.45	162.13	27.83	4.76	21.21	2.77	14.35	2.62	6.69	0.94	5.84	0.89	82.54	887		
KWRAB053	15	16	1	Clays	282.28	211.10	45.76	153.96	26.44	4.50	19.88	2.64	13.77	2.58	6.83	0.95	6.11	0.88	79.75	857	**13**	**860**
KWRAB053	16	18	2	Siltstone	190.34	137.22	27.74	95.41	16.81	3.06	14.23	1.99	10.69	2.04	5.57	0.75	4.86	0.74	66.29	578		
KWRAB053	18	20	2	Shales	258.86	135.46	28.91	97.63	16.81	2.95	14.06	1.88	9.59	1.89	4.99	0.66	4.46	0.67	58.42	637	**4**	**607**
KWRAB054	0	1	1	Soil	398.24	159.50	33.24	112.56	20.24	3.55	17.06	2.65	14.69	2.93	7.96	1.21	7.70	1.19	90.29	873		
KWRAB054	1	3	2	Laterite	1177.16	86.79	19.13	63.57	12.12	2.08	9.57	1.57	8.34	1.71	4.87	0.74	5.25	0.72	48.51	1442	**3**	**1252**

Hole ID	From m	To m	Int.	Rock	Ce_2O_3 ppm	La_2O_3 ppm	Pr_2O_3 ppm	Nd_2O3 ppm	Sm_2O3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	>500ppm TREO Length (m)	>500ppm TREO TREO ppm
KWRAB054	3	5	2	Clays	912.44	174.75	37.22	122.47	20.70	3.52	15.62	2.47	13.83	2.77	7.54	1.12	7.39	1.08	81.40	1404		
KWRAB054	5	7	2	Clays	573.94	224.00	43.54	141.72	24.00	4.20	19.65	2.94	16.81	3.31	9.31	1.32	8.67	1.28	98.29	1173		
KWRAB054	7	9	2	Clays	298.68	210.52	40.96	135.89	22.96	3.89	16.71	2.53	13.60	2.61	7.14	1.02	6.67	1.01	78.61	843		
KWRAB054	9	11	2	Clays	415.81	458.56	107.67	374.41	63.78	11.35	51.52	7.23	37.53	7.08	17.78	2.35	14.01	1.97	213.34	1784	**8**	**1301**
KWRAB054	11	13	2	Shales	277.60	195.86	38.50	131.80	22.61	4.11	21.73	2.92	17.22	3.67	10.14	1.31	7.72	1.17	151.75	888		
KWRAB054	13	16	3	Shales	238.95	118.45	25.86	87.83	15.83	2.73	12.22	1.75	9.26	1.72	4.41	0.62	4.17	0.57	53.08	577	**5**	**702**
KWRAB054	16	17	1	Shales	209.66	95.23	19.60	68.00	11.71	2.08	9.41	1.20	6.51	1.26	3.21	0.55	3.01	0.49	36.45	468		
KWRAB055	0	2	2	Laterite	357.25	66.50	12.46	43.39	8.07	1.49	6.44	1.06	6.27	1.29	4.05	0.69	4.24	0.63	36.70	551		
KWRAB055	2	3	1	Laterite	1167.79	70.25	15.33	53.89	10.05	1.76	7.98	1.37	7.95	1.72	4.79	0.85	5.23	0.82	41.91	1392	**3**	**831**
KWRAB055	3	5	2	Clays	582.14	249.81	60.97	218.12	35.48	6.29	26.97	3.51	19.57	3.77	9.33	1.46	7.86	1.10	102.23	1329		
KWRAB055	5	7	2	Clays	250.66	230.46	48.80	180.79	29.11	5.37	26.51	3.49	18.88	4.07	10.44	1.54	8.65	1.27	128.26	948	**4**	**1138**
KWRAB055	7	9	2	Clays	186.24	105.20	21.01	75.82	12.93	2.42	11.35	1.45	8.54	1.89	5.04	0.78	4.24	0.65	60.70	498		
KWRAB055	9	12	3	Shales	243.63	83.74	16.68	59.60	10.16	1.86	8.56	1.21	7.13	1.47	4.17	0.70	4.17	0.65	43.18	487		
KWRAB056	0	1	1	Soil	353.73	98.16	19.31	67.18	12.12	2.10	9.90	1.58	9.42	2.05	5.59	0.97	5.75	0.90	56.51	645		
KWRAB056	1	3	2	Laterite	958.12	83.39	16.44	55.99	9.96	1.78	7.58	1.30	7.15	1.64	4.46	0.72	4.71	0.69	40.89	1195	**3**	**1012**
KWRAB056	3	5	2	Clays	384.19	98.40	18.49	62.17	10.34	1.81	8.13	1.37	7.49	1.76	5.01	0.86	5.27	0.82	49.53	656		
KWRAB056	5	7	2	Clays	204.39	151.29	26.92	90.40	13.97	2.49	10.75	1.53	9.28	1.90	5.26	0.87	5.33	0.78	54.35	580	**4**	**618**
KWRAB056	7	9	2	Siltstone	342.02	388.20	90.82	320.76	49.17	8.58	37.34	4.68	24.91	4.63	11.06	1.53	8.43	1.15	126.99	1420	**2**	**1420**
KWRAB056	9	10	1	Clays	319.76	356.53	78.76	278.77	43.72	7.64	33.89	4.45	23.99	4.75	11.61	1.70	9.11	1.30	142.23	1318	**1**	**1318**
KWRAB056	10	12	2	Sandstone	285.80	177.09	34.99	121.89	18.90	3.14	14.64	1.88	10.51	2.13	5.58	0.87	4.99	0.77	73.27	756		
KWRAB056	12	14	2	Sandstone	269.40	143.67	29.96	105.09	17.39	3.21	14.35	1.83	10.12	1.97	4.92	0.75	3.92	0.58	56.76	664		
KWRAB056	14	16	2	Sandstone	261.20	129.59	27.15	92.85	14.50	2.56	10.36	1.35	6.67	1.35	3.21	0.55	3.13	0.45	36.45	591	**6**	**671**
KWRAB057	0	3	3	Laterite	836.31	62.86	13.87	48.99	9.30	1.82	8.24	1.42	8.57	1.84	5.44	0.96	5.81	0.88	44.83	1051	**3**	**1445**
KWRAB057	3	4	1	Clays	353.73	102.39	20.95	72.55	12.06	2.30	10.12	1.53	9.00	1.87	5.44	0.91	5.40	0.81	55.11	654		
KWRAB057	4	5	1	Clays	288.14	344.80	71.97	254.28	40.70	7.70	32.16	4.26	23.41	4.73	12.18	1.80	9.92	1.39	146.67	1244	**2**	**949**
KWRAB057	5	8	3	Siltstone	169.25	97.58	19.84	71.15	12.35	2.62	10.24	1.25	7.21	1.47	4.03	0.62	3.52	0.55	45.21	447		
KWRAB057	8	10	2	Siltstone	177.45	80.10	17.44	62.64	11.32	2.25	9.17	1.21	6.84	1.34	3.53	0.57	3.23	0.49	37.72	415		
KWRAB058	0	2	2	Soil	306.88	97.58	18.14	63.45	11.21	1.98	9.81	1.54	8.89	1.95	5.79	1.03	6.02	0.96	58.54	594		
KWRAB058	2	4	2	Laterite	405.27	85.85	16.27	55.29	9.64	1.86	8.97	1.32	8.09	1.76	4.81	0.88	5.27	0.82	51.68	658	**4**	**626**
KWRAB058	4	6	2	Clays	468.52	174.75	36.98	130.05	21.80	4.15	17.75	2.59	15.03	3.20	8.35	1.32	7.49	1.13	89.91	983		
KWRAB058	6	8	2	Clays	203.81	214.04	46.23	160.96	26.79	5.05	21.03	2.74	15.49	3.12	8.15	1.23	6.48	1.00	94.48	811	**4**	**897**
KWRAB058	8	10	2	Siltstone	142.90	85.97	17.38	61.47	10.77	2.36	8.99	1.30	7.53	1.67	4.53	0.71	3.89	0.59	50.67	401		
KWRAB058	10	13	3	Siltstone	137.04	66.15	12.81	43.74	7.04	1.51	5.95	0.84	4.83	1.09	2.98	0.50	2.69	0.43	32.51	320		
KWRAB058	13	16	3	Siltstone	138.80	70.49	14.28	51.20	8.82	1.78	6.88	1.01	5.61	1.21	3.20	0.50	2.98	0.45	36.07	343		
KWRAB059	0	1	1	Soil	227.82	112.24	21.24	75.58	13.05	2.44	12.04	1.73	10.57	2.26	6.63	1.03	6.33	0.93	66.03	560		
KWRAB059	1	3	2	Laterite	699.27	64.74	12.52	43.16	7.91	1.52	6.41	1.08	6.44	1.35	3.81	0.69	3.95	0.58	37.34	891	**3**	**780**
KWRAB059	3	5	2	Clays	983.89	77.99	14.10	47.94	8.24	1.44	6.45	1.24	6.66	1.43	4.37	0.64	4.25	0.67	41.91	1201		
KWRAB059	5	7	2	Clays	267.06	87.14	14.75	51.20	8.36	1.53	7.66	1.29	7.36	1.65	4.99	0.79	4.94	0.75	51.30	511		
KWRAB059	7	9	2	Clays	182.14	97.23	18.32	63.22	10.18	1.93	8.38	1.34	7.90	1.68	4.78	0.72	4.73	0.69	52.83	456		
KWRAB059	9	11	2	Clays	302.20	193.51	43.42	152.22	25.28	4.50	19.36	2.80	15.95	3.14	8.78	1.16	7.08	0.93	99.81	880		

Hole ID	From m	To m	Int.	Rock	Ce_2O_3 ppm	La_2O_3 ppm	Pr_2O_3 ppm	Nd_2O3 ppm	Sm_2O3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	>500ppm TREO Length (m)	>500ppm TREO TREO ppm
KWRAB059	11	13	2	Clays	233.09	216.38	49.50	169.71	27.83	5.06	20.92	3.07	18.13	3.61	10.25	1.38	7.67	1.11	121.15	889	**10**	**787**
KWRAB059	13	15	2	Siltstone	229.57	282.64	57.46	212.87	36.41	7.41	33.77	4.82	28.46	5.64	14.81	1.95	10.81	1.57	191.75	1120		
KWRAB059	15	16	1	Siltstone	221.38	170.64	30.19	111.97	19.37	4.04	20.34	2.89	16.35	3.54	9.50	1.23	7.06	1.09	134.61	754	**3**	**998**
KWRAB059	16	19	3	Shales	164.57	91.95	19.54	73.48	13.51	2.87	12.39	1.78	10.07	1.98	5.25	0.71	4.35	0.60	60.07	463		
KWRAB060	0	1	1	Soil	132.36	79.98	15.80	56.22	10.76	1.96	9.50	1.53	9.35	2.03	5.82	0.90	6.04	0.91	59.94	393		
KWRAB060	1	4	3	Laterite	301.02	52.42	10.79	38.26	7.57	1.33	5.97	1.13	6.65	1.43	4.20	0.67	4.61	0.65	37.21	474		
KWRAB060	4	6	2	Clays	210.83	113.29	22.76	77.80	13.45	2.39	11.12	1.61	10.05	2.11	5.95	0.93	5.80	0.90	58.80	538	**2**	**538**
KWRAB060	6	7	1	Siltstone	230.75	171.82	33.94	123.64	21.45	4.32	18.38	2.67	16.35	3.32	9.14	1.28	7.86	1.08	108.58	755	**1**	**755**
KWRAB060	7	10	3	Shales	187.41	90.42	19.13	69.98	12.70	2.58	10.25	1.54	9.15	1.79	5.05	0.66	4.19	0.56	52.19	468		
KWRAB061	0	1	1	Soil	238.95	134.87	23.87	81.65	13.68	2.61	11.76	1.82	11.03	2.21	6.47	0.93	6.02	0.93	68.07	605		
KWRAB061	1	3	2	Laterite	742.60	115.29	22.35	75.35	12.70	2.34	9.73	1.55	8.79	1.73	4.85	0.80	4.85	0.71	44.45	1048		
KWRAB061	3	5	2	Laterite	1241.58	88.66	19.13	65.32	11.89	2.21	8.61	1.60	8.67	1.62	4.47	0.73	4.63	0.67	42.41	1502	**5**	**1141**
KWRAB061	5	7	2	Clays	262.37	185.30	39.56	137.64	24.00	4.48	19.19	2.89	16.93	3.48	9.40	1.29	7.46	1.07	103.37	818		
KWRAB061	7	9	2	Clays	295.17	200.55	45.06	155.13	25.86	5.04	19.82	2.77	15.61	2.91	7.89	1.04	6.60	0.91	83.56	868		
KWRAB061	9	11	2	Clays	276.43	196.44	43.18	152.22	26.21	5.13	20.00	2.77	15.44	2.82	7.67	1.01	5.92	0.86	78.86	835		
KWRAB061	11	13	2	Clays	241.29	179.44	38.62	137.05	23.89	4.52	18.61	2.60	14.92	2.78	7.59	0.99	5.73	0.81	83.43	762		
KWRAB061	13	15	2	Clays	207.32	146.60	30.08	107.43	18.26	3.72	14.98	2.13	12.51	2.43	6.76	0.88	5.26	0.75	75.56	635		
KWRAB061	15	17	2	Clays	224.89	145.43	29.61	105.09	18.21	3.49	14.70	2.07	11.94	2.31	6.21	0.89	5.08	0.69	71.24	642		
KWRAB061	17	18	1	Clays	233.67	138.98	28.32	101.48	17.22	3.35	13.14	1.95	11.01	2.18	5.89	0.78	4.65	0.64	65.15	628	**13**	**750**
KWRAB062	0	1	1	Soil	331.48	87.02	14.28	47.82	8.18	1.45	6.62	1.05	6.55	1.20	3.75	0.56	3.94	0.53	33.65	548		
KWRAB062	1	3	2	Laterite	1023.72	97.69	16.27	52.14	9.23	1.55	6.27	1.20	6.45	1.18	3.53	0.58	3.63	0.53	30.99	1255		
KWRAB062	3	5	2	Laterite	342.02	86.32	14.22	47.36	7.60	1.34	5.44	0.84	4.87	0.88	2.65	0.34	2.63	0.36	25.27	542	**5**	**828**
KWRAB062	5	7	2	Clays	194.44	101.33	21.07	71.27	12.12	2.27	8.60	1.22	7.24	1.36	4.00	0.57	3.78	0.59	42.29	472		
KWRAB062	7	9	2	Clays	342.02	171.82	50.56	191.87	33.98	5.82	22.07	3.29	17.73	3.16	8.37	1.23	7.65	0.96	96.39	957		
KWRAB062	9	11	2	Clays	278.77	157.74	38.03	150.47	26.09	4.92	20.75	3.04	17.85	3.54	9.50	1.38	8.71	1.13	107.05	829	**4**	**893**
KWRAB062	11	13	2	Siltstone	277.60	219.90	42.25	177.88	31.54	6.61	33.66	4.75	29.61	6.40	17.90	2.39	14.92	2.07	239.38	1107		
KWRAB062	13	15	2	Siltstone	193.85	101.56	21.88	82.00	13.97	2.65	10.81	1.46	8.52	1.64	4.48	0.65	4.14	0.56	51.94	500		
KWRAB062	15	17	2	Siltstone	202.63	107.90	24.23	94.13	17.05	3.40	13.49	2.00	11.76	2.31	6.29	0.93	5.53	0.75	69.08	561		
KWRAB062	17	19	2	Shales	183.31	100.39	22.29	87.36	15.19	3.01	11.99	1.80	10.56	2.06	5.64	0.82	4.99	0.71	60.57	511	**8**	**670**
KWRAB063	0	1	1	Soil	327.96	119.04	22.88	83.16	14.55	2.59	11.24	1.71	10.85	2.07	5.90	0.95	6.22	0.88	63.88	674		
KWRAB063	1	3	2	Laterite	976.86	65.09	12.58	45.37	7.69	1.40	5.84	1.10	6.19	1.24	3.58	0.57	3.97	0.51	34.92	1167	**3**	**1003**
KWRAB063	3	5	2	Clays	1183.01	88.90	19.08	67.42	11.65	1.89	7.62	1.36	7.56	1.51	4.59	0.69	4.61	0.59	40.13	1441		
KWRAB063	5	7	2	Clays	308.05	177.09	38.62	139.97	22.32	3.83	15.10	2.28	12.28	2.27	6.19	0.86	5.41	0.67	68.70	804	**4**	**1122**
KWRAB063	7	9	2	Siltstone	329.14	333.08	72.79	270.60	44.06	7.58	30.89	4.34	23.76	4.33	11.07	1.50	8.90	1.16	133.34	1277		
KWRAB063	9	10	1	Siltstone	175.11	160.67	33.70	127.14	21.80	3.74	16.54	2.39	13.72	2.58	7.15	1.01	5.81	0.77	87.62	660		
KWRAB063	10	13	3	Shales	209.08	107.08	21.48	80.95	13.51	2.45	10.14	1.50	8.53	1.67	4.36	0.63	4.34	0.53	54.48	521	**6**	**796**
KWRAB064	0	2	2	Soil	479.06	76.11	13.52	48.52	8.57	1.42	6.26	1.10	6.61	1.28	4.04	0.66	4.49	0.60	37.59	690		
KWRAB064	2	4	2	Laterite	966.32	249.81	45.29	150.47	22.61	3.77	13.60	2.07	11.02	1.97	5.48	0.86	5.60	0.73	48.51	1528	**4**	**1109**
KWRAB064	4	6	2	Clays	384.19	138.98	25.63	90.05	15.07	2.56	10.77	1.76	10.56	2.02	6.15	0.91	6.42	0.90	62.48	758		
KWRAB064	6	8	2	Clays	217.86	102.50	21.18	78.85	13.57	2.41	10.09	1.61	10.21	2.02	6.08	0.93	6.48	0.85	65.65	540		

Hole ID	From m	To m	Int.	Rock	Ce_2O_3 ppm	La_2O_3 ppm	Pr_2O_3 ppm	Nd_2O3 ppm	Sm_2O3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	>500ppm TREO Length (m)	>500ppm TREO TREO ppm
KWRAB064	8	10	2	Clays	217.86	137.22	28.79	105.33	17.51	3.05	12.62	1.98	11.71	2.22	6.60	0.97	6.47	0.91	67.81	621		
KWRAB064	10	12	2	Clays	228.40	133.11	32.42	126.55	23.13	4.21	18.50	2.89	16.53	3.38	9.14	1.40	9.05	1.18	116.20	726	**8**	**661**
KWRAB064	12	14	2	Shales	168.08	93.35	20.54	78.03	13.51	2.62	10.79	1.66	9.79	1.83	5.41	0.79	5.20	0.67	61.21	473		
KWRAB064	14	16	2	Shales	162.23	89.25	19.37	73.37	13.05	2.52	10.09	1.55	8.61	1.79	5.00	0.71	4.58	0.67	56.76	450		
KWRAB065	0	1	1	Soil	305.71	138.39	23.29	80.71	13.86	2.22	10.27	1.58	9.59	1.89	5.64	0.86	5.80	0.80	55.88	656		
KWRAB065	1	3	2	Laterite	306.88	146.01	26.33	93.66	15.65	2.81	11.11	1.68	9.85	1.83	5.35	0.80	5.81	0.74	49.40	678	**3**	**671**
KWRAB065	3	5	2	Clays	290.48	124.32	22.00	77.10	12.18	2.07	8.64	1.42	8.64	1.71	5.08	0.81	5.65	0.82	52.57	613		
KWRAB065	5	7	2	Clays	245.97	162.43	28.44	95.64	13.92	2.32	9.52	1.62	9.46	1.91	5.81	0.94	6.24	0.84	60.83	646		
KWRAB065	7	9	2	Clays	159.88	113.18	20.01	70.33	11.77	2.10	9.27	1.52	9.42	1.96	6.09	0.90	6.30	0.88	62.99	477		
KWRAB065	9	11	2	Clays	283.45	323.69	86.72	366.25	69.69	13.66	61.43	9.27	55.32	11.27	31.67	4.20	26.30	3.41	398.75	1745		
KWRAB065	11	13	2	Clays	192.68	131.35	31.72	128.30	24.12	4.62	21.61	3.33	20.08	4.18	12.01	1.67	10.84	1.47	147.31	735	**10**	**843**
KWRAB065	13	15	2	Siltstone	141.73	72.36	15.51	59.25	10.00	2.04	7.30	1.07	6.34	1.24	3.50	0.51	3.61	0.53	37.84	363		
KWRAB065	15	17	2	Shales	113.26	61.22	13.17	49.11	8.23	1.49	5.61	0.81	4.76	0.89	2.56	0.42	2.94	0.41	28.57	293		
KWRAB065	17	19	2	Shales	135.29	69.55	15.16	58.79	10.96	2.04	7.80	1.19	6.94	1.36	3.92	0.59	3.96	0.59	43.05	361		
KWRAB066	0	2	2	Laterite	375.99	91.95	17.73	62.40	10.03	1.66	7.49	1.19	6.65	1.25	3.70	0.57	4.43	0.60	30.35	616		
KWRAB066	2	4	2	Laterite	901.90	82.10	18.49	65.44	12.47	1.96	9.05	1.54	9.35	1.74	5.47	0.82	5.41	0.80	38.35	1155	**4**	**885**
KWRAB066	4	6	2	Clays	230.16	106.49	26.57	95.99	17.39	3.11	15.10	2.31	14.75	3.24	9.61	1.30	9.22	1.42	120.51	657		
KWRAB066	6	8	2	Clays	189.16	124.32	35.93	137.05	25.16	4.56	20.29	3.14	19.51	3.70	11.37	1.62	10.73	1.59	123.82	712		
KWRAB066	8	10	2	Clays	284.63	180.61	62.03	244.94	46.04	8.17	33.31	4.70	26.51	4.90	13.84	1.85	11.67	1.75	139.05	1064		
KWRAB066	10	12	2	Clays	243.63	189.41	53.95	219.28	43.95	8.36	34.23	5.04	29.04	5.43	14.18	1.94	12.70	1.83	148.58	1012		
KWRAB066	12	14	2	Clays	177.45	103.32	34.17	154.55	34.44	7.48	36.65	5.56	35.12	7.22	20.13	2.64	17.93	2.64	216.52	856		
KWRAB066	14	16	2	Clays	171.60	92.06	26.45	115.12	23.77	5.19	26.74	4.02	25.82	5.23	15.67	2.02	13.44	2.06	172.71	702		
KWRAB066	16	17	1	Clays	139.38	73.89	19.37	81.06	15.42	3.08	16.89	2.42	15.49	3.34	10.02	1.29	8.47	1.35	123.94	515	**13**	**809**
KWRAB066	17	19	2	Shales	155.78	80.45	20.01	77.33	14.61	3.05	13.60	2.05	11.82	2.25	6.77	0.89	5.85	0.89	73.65	469		
KWRAB067	0	2	2	Laterite	790.63	150.70	23.29	70.92	10.78	1.68	7.78	1.35	6.79	1.32	3.66	0.55	3.83	0.51	33.65	1107		
KWRAB067	2	4	2	Laterite	1031.92	166.54	26.68	83.05	12.47	1.98	8.25	1.43	7.52	1.36	4.29	0.69	4.25	0.61	34.16	1385	**4**	**1246**
KWRAB067	4	6	2	Clays	187.99	69.55	12.05	39.42	6.82	1.12	5.74	0.85	5.47	1.17	3.42	0.49	3.62	0.51	31.62	370		
KWRAB067	6	8	2	Clays	342.02	134.87	32.18	113.96	18.21	3.07	12.16	1.71	10.03	1.82	5.21	0.79	5.41	0.76	55.37	738		
KWRAB067	8	10	2	Clays	354.90	301.41	74.08	269.44	43.72	7.95	34.35	4.81	28.12	5.30	15.32	2.04	13.32	1.79	156.20	1313		
KWRAB067	10	11	1	Clays	344.36	369.43	74.90	300.93	57.17	11.69	63.85	9.43	57.50	11.51	32.59	4.23	26.42	3.91	365.73	1734	**5**	**1167**
KWRAB067	11	13	2	Siltstone	206.15	125.49	25.51	100.31	18.61	3.77	17.75	2.58	14.98	3.02	8.54	1.11	6.68	1.02	99.18	635	**2**	**635**
KWRAB067	13	16	3	Shales	168.67	76.58	17.26	61.94	10.49	2.18	8.62	1.12	6.83	1.23	3.41	0.51	3.35	0.53	35.18	398		
KWRAB068	0	1	1	Soil	182.72	86.32	16.15	57.85	10.33	1.75	8.09	1.31	7.84	1.62	4.93	0.66	4.98	0.82	45.21	431		
KWRAB068	1	3	2	Laterite	1645.68	65.68	14.10	50.04	9.21	1.40	6.35	1.24	6.48	1.23	3.57	0.59	4.17	0.58	30.86	1841		
KWRAB068	3	5	2	Laterite	605.56	76.58	15.10	53.07	8.58	1.47	7.42	1.28	6.75	1.33	4.16	0.63	4.48	0.63	37.46	824	**4**	**1333**
KWRAB068	5	6	1	Clays	118.89	122.56	26.92	98.91	15.83	2.63	12.16	1.74	9.76	1.90	5.75	0.78	5.37	0.74	58.80	483		
KWRAB068	6	8	2	Clays	240.12	231.63	47.98	173.79	26.79	4.34	19.13	2.58	13.77	2.50	6.42	0.93	5.47	0.76	70.23	846		
KWRAB068	8	9	1	Clays	147.58	138.98	33.94	123.06	19.95	3.31	13.95	1.99	10.17	1.98	5.31	0.72	4.69	0.71	58.16	564	**3**	**752**
KWRAB068	9	11	2	Siltstone	216.10	158.33	36.63	131.80	22.03	3.64	16.08	2.13	12.57	2.46	6.53	0.79	5.50	0.76	68.45	684		
KWRAB068	11	13	2	Siltstone	277.60	211.10	52.78	197.70	35.48	6.24	30.08	4.34	25.82	5.07	14.07	1.78	10.48	1.46	160.64	1035		

Hole ID	From m	To m	Int.	Rock	Ce_2O_3 ppm	La_2O_3 ppm	Pr_2O_3 ppm	Nd_2O3 ppm	Sm_2O3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	>500ppm TREO Length (m)	>500ppm TREO TREO ppm
KWRAB068	13	15	2	Siltstone	217.28	167.71	33.47	125.97	21.28	4.03	19.36	2.89	17.04	3.29	8.94	1.23	7.34	1.05	106.04	737	**6**	**818**
KWRAB068	15	17	2	Siltstone	157.54	90.42	18.55	67.53	11.57	2.13	9.72	1.42	8.78	1.71	4.56	0.61	4.09	0.65	53.72	433		
KWRAB068	17	19	2	Siltstone	168.67	91.13	19.13	72.78	12.99	2.51	11.81	1.71	10.56	2.08	6.14	0.77	4.87	0.72	72.64	479		
KWRAB068	19	21	2	Siltstone	148.76	70.72	14.63	51.67	8.52	1.55	6.80	0.96	5.72	1.13	3.41	0.45	3.11	0.44	35.68	354		
KWRAB068	21	23	2	Siltstone	219.03	97.81	24.23	93.31	19.08	3.51	14.47	2.29	11.94	2.43	6.74	0.90	5.47	0.74	76.07	578	**2**	**578**
KWRAB068	23	25	2	Siltstone	191.51	90.77	20.66	76.75	14.73	2.66	10.79	1.69	9.80	2.05	5.48	0.77	4.53	0.71	59.81	493		
KWRAB068	25	27	2	Siltstone	172.18	81.86	18.61	68.70	13.39	2.34	9.70	1.59	8.86	1.76	5.07	0.69	4.43	0.67	53.59	443		
KWRAB068	27	29	2	Siltstone	158.71	78.81	17.50	63.57	12.23	2.18	8.81	1.39	7.36	1.49	4.27	0.58	3.85	0.53	44.83	406		
KWRAB068	29	31	2	Siltstone	148.17	74.00	16.56	60.65	11.65	2.11	8.58	1.31	7.01	1.43	3.95	0.56	3.43	0.48	41.65	382		
KWRAB069	0	1	1	Soil	234.26	160.09	34.41	125.39	24.00	3.61	18.33	2.97	16.87	3.45	9.79	1.44	9.18	1.41	96.89	742		
KWRAB069	1	3	2	Laterite	315.08	87.84	17.09	57.62	11.04	1.69	7.53	1.37	7.59	1.50	4.45	0.67	5.01	0.75	38.86	558		
KWRAB069	3	5	2	Laterite	624.30	106.14	19.72	67.53	12.76	1.82	8.23	1.51	8.01	1.64	4.95	0.80	5.31	0.76	42.29	906	**5**	**734**
KWRAB069	5	7	2	Clays	390.04	171.23	29.49	100.78	17.16	2.58	12.33	1.96	10.65	2.19	6.44	0.91	6.27	0.94	61.59	815		
KWRAB069	7	9	2	Clays	401.76	113.06	24.58	85.73	15.36	2.14	10.10	1.48	8.55	1.63	4.51	0.65	4.54	0.67	46.48	721		
KWRAB069	9	11	2	Clays	238.95	91.60	21.71	77.10	13.68	1.91	8.24	1.29	6.45	1.28	3.65	0.53	3.47	0.55	36.32	507	**6**	**681**
KWRAB069	11	13	2	Clays	102.25	45.62	10.73	36.86	6.45	0.98	4.03	0.64	3.37	0.72	2.42	0.35	2.64	0.41	19.18	237		
KWRAB069	13	15	2	Clays	104.13	44.33	10.80	37.32	6.80	0.98	4.25	0.67	3.42	0.73	2.21	0.34	2.51	0.36	19.43	238		
KWRAB069	15	17	2	Clays	134.70	65.91	16.09	58.44	10.94	1.66	6.70	1.04	5.57	1.12	3.27	0.51	3.45	0.49	31.49	341		
KWRAB069	17	19	2	Shales	334.99	218.14	45.64	173.21	33.86	5.42	22.94	3.43	16.70	2.91	7.32	0.95	5.92	0.84	72.13	944	**2**	**944**
KWRAB069	19	21	2	Shales	168.08	89.02	20.01	75.82	15.31	2.61	13.25	2.11	11.82	2.46	7.20	0.96	6.07	0.88	79.37	495		
KWRAB069	21	24	3	Clays	154.03	80.45	18.37	65.32	12.35	1.91	8.91	1.31	7.02	1.39	3.96	0.56	3.72	0.56	41.40	401		
KWRAB069	24	26	2	Shales	160.47	80.69	18.61	67.65	13.80	2.27	10.43	1.52	8.44	1.70	4.81	0.63	4.09	0.59	51.18	427		
KWRAB069	26	28	2	Shales	150.51	73.42	16.33	59.72	12.23	1.89	8.29	1.30	7.09	1.44	4.12	0.55	3.78	0.58	41.40	383		
KWRAB070	0	2	2	Laterite	577.45	106.49	19.37	62.64	10.92	1.68	6.75	1.19	6.62	1.33	3.75	0.61	4.16	0.66	34.54	838		
KWRAB070	2	4	2	Laterite	667.64	138.39	23.35	75.70	12.52	1.83	7.84	1.38	7.12	1.49	4.16	0.62	4.41	0.66	37.59	985		
KWRAB070	4	6	2	Laterite	693.41	162.43	30.43	103.34	17.92	2.65	11.34	1.83	9.80	1.90	5.47	0.75	5.52	0.80	45.34	1093	**6**	**972**
KWRAB070	6	8	2	Clays	159.30	129.59	22.76	74.53	13.22	2.05	9.31	1.55	8.80	1.80	5.29	0.78	5.37	0.81	51.43	487		
KWRAB070	8	10	2	Clays	384.19	437.45	69.28	234.45	42.56	6.67	28.58	4.21	21.81	4.06	10.87	1.51	9.25	1.36	111.24	1367		
KWRAB070	10	12	2	Clays	250.66	256.84	72.21	279.94	55.89	8.94	43.91	6.86	37.64	7.62	21.04	2.81	17.37	2.50	242.55	1307		
KWRAB070	12	14	2	Clays	446.27	180.61	60.50	234.45	47.54	7.31	31.93	4.95	26.40	5.12	14.12	1.83	11.34	1.64	153.02	1227		
KWRAB070	14	16	2	Clays	647.73	108.37	31.48	116.17	21.57	3.25	12.74	2.04	9.84	1.86	5.20	0.70	4.44	0.64	51.94	1018	**8**	**1230**
KWRAB070	16	18	2	Clays	143.48	66.38	15.39	55.05	10.26	1.69	6.70	1.00	5.24	0.97	2.74	0.38	2.72	0.41	27.18	340		
KWRAB070	18	20	2	Siltstone	113.73	63.57	15.80	61.24	12.06	2.13	9.49	1.51	8.38	1.72	4.56	0.65	4.14	0.60	54.35	354		
KWRAB070	20	22	2	Siltstone	109.87	60.16	14.69	55.87	11.56	1.96	9.82	1.53	8.56	1.80	5.13	0.65	4.26	0.63	57.65	344		
KWRAB070	22	24	2	Clays	56.11	34.01	7.74	28.34	5.23	0.91	4.08	0.62	3.32	0.66	1.94	0.26	1.96	0.32	20.95	166		
KWRAB070	24	26	2	Shales	87.03	47.26	10.64	40.59	7.95	1.41	6.49	0.98	5.95	1.21	3.52	0.46	3.25	0.49	42.41	260		
KWRAB070	26	28	2	Clays	155.78	58.05	13.34	51.20	10.23	2.32	8.31	1.35	7.25	1.47	3.76	0.66	3.96	0.64	39.37	358		
KWRAB070	28	30	2	Clays	148.76	50.31	11.68	42.92	8.23	1.79	6.95	1.14	6.31	1.21	3.48	0.66	3.86	0.69	35.30	323		
KWRAB070	30	32	2	Clays	113.26	54.77	11.88	42.92	8.36	1.59	5.82	0.87	4.83	0.99	2.72	0.53	3.01	0.52	26.29	278		
KWRAB070	32	33	1	Siltstone	114.20	59.70	12.76	43.62	7.82	1.59	5.54	0.90	4.54	0.92	2.53	0.51	2.99	0.56	25.52	284		

Hole ID	From m	To m	Int.	Rock	Ce_2O_3 ppm	La_2O_3 ppm	Pr_2O_3 ppm	Nd_2O3 ppm	Sm_2O3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	>500ppm TREO Length (m)	>500ppm TREO TREO ppm
KWRAB071	0	1	1	Soil	161.05	89.60	17.26	60.30	11.13	1.88	8.77	1.44	8.31	1.87	5.40	0.80	6.04	0.85	56.00	431		
KWRAB071	1	3	2	Laterite	392.39	88.66	16.44	54.24	9.30	1.44	6.09	0.97	5.34	1.08	3.14	0.51	3.80	0.50	28.95	613	**2**	**613**
KWRAB071	3	5	2	Clays	563.40	55.94	11.40	40.94	7.79	1.33	6.64	1.09	6.45	1.40	4.33	0.67	5.25	0.72	43.30	751		
KWRAB071	5	7	2	Clays	109.52	101.92	21.12	78.27	14.73	2.45	12.56	1.91	11.05	2.41	7.06	1.03	7.33	1.02	79.62	452		
KWRAB071	7	9	2	Clays	1469.98	207.59	51.96	196.54	37.46	6.63	31.24	4.78	27.32	6.06	17.32	2.46	16.97	2.48	210.17	2289		
KWRAB071	9	11	2	Clays	276.43	267.40	63.08	241.44	45.11	7.94	34.81	4.88	25.82	5.23	15.21	2.00	12.70	1.83	168.90	1173		
KWRAB071	11	13	2	Clays	265.89	248.63	62.14	233.28	41.63	7.14	29.85	3.99	21.69	4.22	11.49	1.55	10.62	1.41	132.07	1076		
KWRAB071	13	14.6	1.6	Clays	255.34	267.40	62.96	249.61	48.82	8.66	37.92	5.39	28.12	5.45	14.87	2.03	13.72	1.84	151.12	1153	**12**	**1149**
KWRAB071	14.6	16	1.4	Shales	164.57	105.79	21.94	83.16	15.42	3.06	13.25	1.81	9.85	2.15	6.11	0.85	5.51	0.84	90.67	525	**1**	**525**
KWRAB071	16	19	3	Shales	133.53	66.73	15.04	56.10	10.49	2.07	8.45	1.20	6.98	1.37	4.28	0.63	4.54	0.69	43.81	356		
KWRAB072	0	2	2	Laterite	431.04	156.57	25.04	78.50	11.77	1.98	8.43	1.28	7.39	1.50	4.45	0.73	4.92	0.68	41.14	775		
KWRAB072	2	4	2	Laterite	568.08	203.48	31.48	96.23	14.55	2.32	9.72	1.53	8.68	1.75	5.13	0.72	5.49	0.80	46.73	997		
KWRAB072	4	6	2	Laterite	631.33	172.40	27.62	86.31	13.80	2.15	9.09	1.46	7.92	1.68	4.75	0.73	5.28	0.74	44.45	1010	**6**	**927**
KWRAB072	6	8	2	Clays	325.62	82.33	15.16	49.46	8.26	1.51	6.71	1.06	6.22	1.33	4.08	0.55	4.25	0.59	38.86	546		
KWRAB072	8	10	2	Clays	297.51	161.85	42.72	148.72	26.32	4.32	15.10	1.95	10.25	1.83	4.91	0.65	4.68	0.67	50.03	771		
KWRAB072	10	12	2	Clays	289.31	253.32	65.07	236.78	41.51	6.70	24.90	3.29	16.41	2.94	7.36	0.97	6.15	0.81	77.34	1033		
KWRAB072	12	14	2	Clays	325.62	585.23	142.78	547.04	95.20	16.09	69.04	9.18	47.40	8.95	22.81	2.95	18.45	2.41	262.87	2156		
KWRAB072	14	16	2	Clays	258.86	268.57	54.30	211.12	37.46	6.72	32.62	4.44	25.02	5.22	14.87	1.94	11.50	1.67	190.49	1125	**10**	**1126**
KWRAB072	16	18	2	Siltstone	196.19	118.45	24.81	90.75	15.13	3.01	13.95	2.01	11.16	2.44	6.46	0.91	5.44	0.83	83.43	575		
KWRAB072	18	20	2	Siltstone	164.57	129.01	23.87	93.90	17.22	3.42	18.85	2.76	17.62	4.06	12.35	1.60	10.23	1.49	160.64	662	**4**	**618**
KWRAB072	20	22	2	Siltstone	136.46	87.02	17.50	66.25	11.89	2.33	11.70	1.63	10.12	2.28	6.85	0.96	6.58	0.90	80.38	443		
KWRAB072	22	24	2	Granite	82.46	47.15	8.84	34.76	6.39	1.23	7.15	1.10	6.96	1.66	5.48	0.74	5.20	0.73	60.32	270		
KWRAB073	0	1	1	Soil	352.56	132.53	24.23	81.06	13.22	2.18	9.85	1.55	8.78	1.90	5.67	0.79	5.75	0.90	53.72	695		
KWRAB073	1	3	2	Laterite	476.72	137.22	23.52	74.18	10.87	1.74	7.03	1.13	6.50	1.33	4.01	0.61	4.48	0.61	35.81	786		
KWRAB073	3	5	2	Laterite	566.91	135.46	24.46	77.57	12.41	1.91	8.05	1.27	6.96	1.43	4.23	0.61	4.62	0.66	39.11	886		
KWRAB073	5	7	2	Laterite	500.15	101.56	18.32	60.30	9.45	1.46	6.65	1.09	6.09	1.28	4.06	0.57	4.35	0.59	36.19	752	**7**	**792**
KWRAB073	7	9	2	Clays	125.91	79.40	13.99	48.06	8.20	1.42	6.73	0.99	5.81	1.33	4.19	0.59	4.78	0.65	40.38	342		
KWRAB073	9	11	2	Clays	86.56	48.55	8.68	30.09	5.21	0.89	4.41	0.73	4.41	1.03	3.26	0.51	3.84	0.52	31.62	230		
KWRAB073	11	13	2	Clays	212.59	216.97	55.00	194.79	30.03	5.20	19.88	2.74	14.12	2.46	6.84	0.95	5.86	0.77	66.03	834		
KWRAB073	13	15	2	Clays	236.60	243.94	58.28	209.37	33.51	5.97	22.36	3.02	14.63	2.44	6.59	0.94	5.52	0.77	61.08	905		
KWRAB073	15	17	2	Clays	371.30	214.04	49.04	183.12	29.11	5.55	23.05	3.37	17.50	3.17	9.57	1.28	7.87	1.11	96.64	1016		
KWRAB073	17	19	2	Clays	267.06	212.28	46.93	179.63	30.50	5.93	25.70	3.79	21.63	4.19	12.75	1.76	10.31	1.41	140.96	965		
KWRAB073	19	21	2	Clays	319.76	215.21	44.35	173.79	29.11	5.79	26.63	3.82	19.63	3.86	11.21	1.51	8.71	1.16	126.86	991	**10**	**942**
KWRAB073	21	23	2	Siltstone	263.54	176.51	35.46	135.89	22.84	4.79	21.90	3.17	17.16	3.39	9.83	1.39	8.23	1.11	113.53	819		
KWRAB073	23	24	1	Siltstone	216.69	140.74	29.14	108.48	17.86	3.59	16.25	2.30	12.57	2.60	7.49	1.06	6.26	0.86	84.32	650	**3**	**763**
KWRAB074	0	1	1	Soil	217.86	103.91	21.59	79.08	13.51	2.57	11.70	1.78	10.25	2.03	6.51	0.91	5.67	0.84	62.10	540		
KWRAB074	1	3	2	Laterite	600.88	81.51	14.22	47.36	7.91	1.53	6.05	1.13	5.92	1.17	3.52	0.59	3.91	0.53	29.84	806		
KWRAB074	3	5	2	Gravels	549.34	80.22	14.86	50.39	8.18	1.46	6.64	1.10	5.93	1.16	3.60	0.58	3.73	0.52	33.40	761	**5**	**735**
KWRAB074	5	7	2	Clays	78.48	48.55	7.58	25.19	3.87	0.67	4.09	0.77	5.22	1.08	3.50	0.56	3.89	0.57	38.48	223		
KWRAB074	7	9	2	Clays	117.13	36.12	7.30	26.59	4.35	0.90	3.90	0.61	3.75	0.82	2.56	0.40	2.80	0.40	26.03	234		

Hole ID	From m	To m	Int.	Rock	Ce_2O_3 ppm	La_2O_3 ppm	Pr_2O_3 ppm	Nd_2O3 ppm	Sm_2O3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	>500ppm TREO	
																					Length (m)	TREO ppm
KWRAB074	9	11	2	Clays	67.94	30.61	6.52	24.26	3.99	0.86	3.60	0.56	3.17	0.66	2.18	0.32	2.08	0.33	21.59	169		
KWRAB074	11	13	2	Clays	83.16	39.41	9.25	34.99	6.00	1.29	4.83	0.73	4.25	0.89	2.71	0.42	2.80	0.41	29.08	220		
KWRAB074	13	15	2	Phyllite	106.35	72.48	17.96	67.88	11.60	2.36	8.73	1.25	6.59	1.34	3.78	0.56	3.80	0.53	46.10	351		
KWRAB074	15	17	2	Phyllite	85.15	68.02	16.09	59.14	10.36	2.29	8.36	1.21	6.25	1.28	3.77	0.55	3.44	0.52	41.40	308		
KWRAB074	17	19	2	Phyllite	112.56	87.37	19.31	73.02	12.70	3.15	11.64	1.66	8.99	1.68	5.45	0.77	4.65	0.68	62.73	406		
KWRAB075	0	2	2	Soil	477.89	231.04	41.55	142.30	20.64	3.08	12.16	1.73	8.78	1.52	4.39	0.62	4.20	0.59	40.64	991		
KWRAB075	2	4	2	Laterite	865.59	310.79	54.07	177.29	25.28	3.54	13.66	1.98	9.51	1.68	4.73	0.69	4.50	0.59	41.14	1515		
KWRAB075	4	6	2	Laterite	473.21	198.20	37.22	127.72	18.26	2.83	10.66	1.58	8.79	1.55	4.71	0.73	4.68	0.67	37.72	929	**6**	**1145**
KWRAB075	6	8	2	Clays	275.26	143.67	31.48	111.97	17.92	3.22	12.85	1.89	10.60	2.00	6.04	0.90	5.65	0.82	60.70	685		
KWRAB075	8	10	2	Clays	456.81	304.93	57.70	206.45	33.86	6.13	24.09	3.56	17.90	3.29	9.65	1.30	7.98	1.09	99.56	1234		
KWRAB075	10	12	2	Clays	338.51	163.02	51.26	207.04	41.63	8.27	36.08	5.54	29.38	5.58	16.24	2.23	13.32	1.75	176.52	1096		
KWRAB075	12	14	2	Clays	256.51	144.84	33.82	128.89	24.58	5.03	24.20	3.80	21.92	4.63	14.01	1.94	11.79	1.68	177.15	855		
KWRAB075	14	16	2	Clays	238.95	122.56	32.30	121.31	21.16	4.26	16.77	2.56	14.69	2.70	8.63	1.20	7.56	1.08	84.45	680	**10**	**910**
KWRAB075	16	18	2	Shales	172.18	92.30	23.64	87.60	15.77	3.06	12.33	2.00	10.94	2.08	6.06	0.90	5.89	0.83	59.30	495		
KWRAB075	18	19	1	Shales	235.43	151.29	31.48	118.39	20.35	3.83	15.27	2.15	11.20	2.07	5.83	0.82	5.35	0.67	54.86	659	**1**	**659**
KWRAB075	19	20	1	Shales	155.78	82.10	18.61	70.57	13.10	2.59	11.81	1.99	12.28	2.43	7.78	1.10	6.99	1.00	75.94	464		
KWRAB076	0	1	1	Soil	200.88	107.90	18.78	61.47	9.57	1.69	7.32	1.14	6.60	1.28	4.04	0.64	4.22	0.63	38.86	465		
KWRAB076	1	3	2	Laterite	286.97	85.38	14.51	47.36	7.58	1.27	5.45	0.97	5.33	1.11	3.61	0.56	3.67	0.56	30.35	495		
KWRAB076	3	5	2	Laterite	465.01	86.32	14.63	48.17	7.51	1.32	5.43	0.87	5.12	1.00	3.28	0.53	3.51	0.51	30.22	673		
KWRAB076	5	7	2	Laterite	504.83	128.42	21.59	70.10	10.40	1.83	7.39	1.14	6.13	1.17	3.65	0.55	3.89	0.56	32.64	794	**4**	**734**
KWRAB076	7	9	2	Clays	135.29	61.22	10.76	35.93	5.54	1.00	4.83	0.76	5.10	1.03	3.34	0.53	3.80	0.58	33.40	303		
KWRAB076	9	11	2	Clays	186.24	182.37	21.53	61.00	8.95	1.47	6.44	0.94	5.69	1.15	3.43	0.56	3.83	0.57	35.43	520		
KWRAB076	11	13	2	Clays	230.16	126.08	37.45	125.97	20.70	3.45	13.72	1.83	10.29	1.91	5.17	0.72	4.73	0.66	59.81	643		
KWRAB076	13	15	2	Clays	364.27	240.42	70.22	243.78	40.47	6.77	26.16	3.56	19.17	3.55	9.54	1.30	7.99	1.10	114.04	1152		
KWRAB076	15	17	2	Clays	384.19	255.67	78.53	284.60	52.76	9.58	38.84	5.36	30.07	5.38	14.52	1.99	12.07	1.69	152.39	1328		
KWRAB076	17	18	1	Clays	402.93	287.34	81.34	291.60	51.60	9.07	37.11	5.02	27.89	5.01	13.04	1.79	10.86	1.51	142.23	1368	**9**	**961**
KWRAB077	0	1	1	Soil	203.81	133.70	28.09	96.11	16.70	3.02	14.75	2.18	13.31	2.61	7.60	1.13	7.53	1.09	82.80	614		
KWRAB077	1	3	2	Laterite	292.83	81.51	16.33	55.17	10.17	1.67	7.84	1.25	7.69	1.53	4.65	0.66	4.81	0.66	42.80	530		
KWRAB077	3	5	2	Laterite	401.76	166.54	29.84	93.43	15.54	2.50	11.58	1.92	11.26	2.26	6.86	0.99	7.13	1.03	62.10	815	**5**	**661**
KWRAB077	5	7	2	Clays	324.45	195.86	38.50	125.39	21.16	3.47	17.35	2.49	15.32	3.09	9.01	1.29	8.45	1.30	100.20	867		
KWRAB077	7	9	2	Clays	356.08	399.92	94.33	318.43	49.63	8.35	34.58	4.35	23.99	4.19	11.33	1.47	9.52	1.35	124.45	1442		
KWRAB077	9	11	2	Clays	205.56	135.46	27.62	97.16	17.28	3.15	14.87	2.20	13.37	2.68	7.66	1.13	7.21	1.18	89.53	626		
KWRAB077	11	13	2	Clays	262.37	146.01	35.69	126.55	22.55	4.04	17.17	2.35	13.37	2.57	7.40	1.11	6.91	1.03	83.94	733		
KWRAB077	13	14	1	Clays	301.02	186.48	56.99	236.78	49.63	10.57	57.86	8.23	50.73	10.88	31.45	4.19	25.05	3.75	397.48	1431	**9**	**974**
KWRAB077	14	16	2	Shales	193.26	104.26	23.99	85.50	15.02	2.98	13.49	1.77	10.80	2.05	5.95	0.80	5.26	0.83	76.57	543	**2**	**543**
KWRAB078	0	1	1	Soil	92.53	48.44	9.06	31.61	5.66	1.04	5.11	0.84	5.66	1.23	3.97	0.63	4.52	0.71	39.24	250		
KWRAB078	1	3	2	Laterite	159.88	32.60	6.51	22.28	3.80	0.74	3.61	0.63	4.24	0.86	2.82	0.46	3.30	0.50	26.67	269		
KWRAB078	3	5	2	Clays	236.60	74.71	16.68	57.39	10.07	1.78	7.73	1.15	6.94	1.41	4.28	0.63	4.65	0.67	44.19	469		
KWRAB078	5	7	2	Shales	210.83	188.82	39.79	138.22	22.38	4.18	18.50	2.50	14.52	2.82	7.91	1.06	6.52	0.94	92.07	751		
KWRAB078	7	8	1	Shales	179.79	120.21	23.41	83.40	14.55	2.86	13.37	1.85	11.28	2.34	6.94	0.96	6.09	0.91	91.94	560	**3**	**687**

Hole ID	From m	To m	Int.	Rock	Ce_2O_3 ppm	La_2O_3 ppm	Pr_2O_3 ppm	Nd_2O3 ppm	Sm_2O3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	>500ppm TREO Length (m)	>500ppm TREO TREO ppm
KWRAB078	8	10	2	Shales	183.31	89.25	18.49	62.99	10.59	2.01	8.26	1.15	6.36	1.18	3.68	0.51	3.34	0.47	41.65	433		
KWRAB078	10	13	3	Shales	139.97	72.60	15.80	54.94	9.68	1.84	7.92	1.07	6.21	1.23	3.67	0.53	3.40	0.48	40.64	360		
KWRAB079	0	1	1	Soil	304.54	103.09	19.19	62.99	10.84	2.04	9.02	1.57	8.76	1.86	5.09	0.96	5.11	0.97	51.81	588		
KWRAB079	1	3	2	Laterite	807.03	123.14	18.43	54.47	8.77	1.53	6.27	1.10	6.28	1.23	3.72	0.57	4.05	0.61	33.02	1070		
KWRAB079	3	5	2	Laterite	1146.70	82.10	15.21	49.22	8.62	1.52	6.70	1.12	6.58	1.39	4.06	0.61	4.35	0.65	38.35	1367	**5**	**1093**
KWRAB079	5	7	2	Clays	291.65	82.57	16.68	55.64	8.98	1.61	7.43	1.15	6.45	1.32	4.11	0.57	4.17	0.63	43.18	526		
KWRAB079	7	9	2	Clays	380.67	145.43	33.24	112.56	18.44	3.37	14.29	2.04	11.20	2.20	6.35	0.91	5.84	0.84	71.75	809		
KWRAB079	9	11	2	Clays	220.20	164.78	40.26	134.72	22.38	3.86	15.79	2.18	12.68	2.45	6.84	0.90	6.13	0.88	78.86	713		
KWRAB079	11	13	2	Clays	200.88	154.81	34.87	121.89	20.29	3.57	14.81	2.05	11.76	2.31	6.47	0.94	5.97	0.92	75.31	657	**8**	**676**
KWRAB079	13	15	2	Siltstone	238.95	137.80	34.41	123.64	21.57	3.79	14.18	1.99	10.77	2.11	5.77	0.89	5.50	0.85	63.75	666		
KWRAB079	15	17	2	Siltstone	242.46	153.05	38.97	139.38	24.24	4.15	15.50	2.24	12.11	2.23	6.16	0.96	5.55	0.83	65.65	713		
KWRAB079	17	19	2	Siltstone	188.58	201.72	45.64	169.71	30.96	5.85	23.97	3.37	19.63	3.84	10.59	1.58	9.01	1.33	130.16	846	**6**	**742**
KWRAB080	0	1	1	Soil	281.11	45.62	8.71	30.91	6.05	1.08	4.75	0.87	5.30	1.16	3.57	0.62	3.95	0.63	34.29	429		
KWRAB080	1	3	2	Laterite	555.20	32.13	5.86	21.11	3.91	0.68	3.17	0.66	3.75	0.79	2.31	0.43	2.88	0.44	23.11	656	**2**	**656**
KWRAB080	3	5	2	Clays	672.33	57.58	12.17	43.86	7.89	1.33	5.76	1.01	5.88	1.23	3.72	0.63	4.18	0.63	37.46	856		
KWRAB080	5	7	2	Clays	161.05	95.82	18.72	67.53	11.89	2.14	9.39	1.42	8.45	1.67	4.64	0.77	4.71	0.75	48.00	437		
KWRAB080	7	9	2	Clays	241.29	186.48	43.30	157.46	27.25	4.52	20.00	2.89	17.85	3.60	9.96	1.52	9.41	1.42	121.02	848		
KWRAB080	9	11	2	Clays	360.76	295.55	67.18	244.94	42.09	6.99	29.05	4.17	23.53	4.55	12.01	1.80	10.46	1.56	141.59	1246	**8**	**847**
KWRAB080	11	13	2	Siltstone	269.40	378.81	82.74	310.26	54.85	9.44	40.92	6.12	36.38	7.15	19.67	2.95	17.65	2.64	234.30	1473		
KWRAB080	13	15	2	Siltstone	166.91	170.64	38.62	145.80	26.09	4.46	20.17	2.85	16.93	3.33	9.39	1.43	8.15	1.24	111.75	728		
KWRAB080	15	17	2	Siltstone	187.41	115.05	27.03	104.63	18.73	3.28	14.41	2.12	12.17	2.37	6.50	0.99	6.23	0.91	80.26	582		
KWRAB080	17	19	2	Shales	155.78	114.00	25.40	97.86	17.57	3.20	14.75	2.05	12.74	2.61	7.51	1.08	6.67	1.01	89.15	551		
KWRAB080	19	20	1	Shales	147.00	119.04	26.45	100.54	17.97	3.24	14.35	2.09	12.45	2.50	6.74	1.06	6.41	0.93	83.05	544	**9**	**801**
KWRAB081	0	1	1	Soil	86.44	60.52	11.26	39.77	7.05	1.24	5.66	0.94	5.82	1.24	3.70	0.62	3.84	0.64	36.70	265		
KWRAB081	1	3	2	Laterite	454.46	41.75	8.99	31.14	5.83	0.95	4.30	0.77	4.79	0.97	2.96	0.51	3.36	0.52	27.81	589		
KWRAB081	3	5	2	Laterite	908.93	110.71	21.83	74.53	13.22	1.97	8.73	1.44	8.07	1.57	4.53	0.77	4.96	0.73	42.29	1204	**4**	**897**
KWRAB081	5	7	2	Clays	406.44	171.82	38.74	139.38	23.42	3.73	15.73	2.35	13.43	2.54	7.11	1.07	6.80	0.99	78.86	912		
KWRAB081	7	9	2	Clays	322.11	198.79	50.79	186.04	31.66	5.11	21.38	3.04	17.79	3.39	9.45	1.39	8.37	1.28	109.72	970		
KWRAB081	9	11	2	Clays	255.34	191.17	47.63	175.54	30.27	4.79	21.15	2.98	17.67	3.38	9.42	1.37	8.22	1.18	111.37	881		
KWRAB081	11	13	2	Clays	238.95	188.82	42.01	159.21	28.87	4.82	22.76	3.49	21.58	4.42	12.46	1.80	10.49	1.59	161.91	903		
KWRAB081	13	15	2	Clays	223.72	168.88	39.21	149.30	26.55	4.49	19.59	2.80	16.70	3.23	8.91	1.30	7.96	1.15	105.91	780		
KWRAB081	15	18	3	Clays	271.74	151.29	33.24	125.97	22.09	3.76	15.62	2.23	12.28	2.39	6.40	0.99	6.51	0.97	69.21	725		
KWRAB081	18	19	1	Clays	236.60	140.15	30.43	114.54	20.41	3.31	13.83	1.97	10.67	2.13	5.64	0.88	5.58	0.86	59.05	646	**14**	**837**
KWRAB082	0	1	1	Soil	134.11	89.25	18.49	65.78	12.12	2.03	9.46	1.48	9.39	1.89	5.50	0.95	5.99	0.91	58.42	416		
KWRAB082	1	3	2	Laterite	345.53	70.02	14.63	51.55	10.34	1.64	7.24	1.21	7.80	1.58	4.59	0.79	5.16	0.81	41.53	564		
KWRAB082	3	5	2	Laterite	535.28	112.12	21.83	74.88	14.32	2.39	9.74	1.62	9.97	1.92	5.79	0.96	6.41	0.92	48.76	847	**4**	**706**
KWRAB082	5	7	2	Clays	325.62	85.97	14.80	51.44	9.02	1.52	6.82	1.09	7.04	1.47	4.51	0.74	4.92	0.78	45.21	561		
KWRAB082	7	9	2	Clays	189.75	125.49	30.08	107.66	18.50	3.06	12.10	1.75	10.33	2.08	5.82	0.91	5.56	0.86	67.69	582		
KWRAB082	9	11	2	Clays	274.08	154.22	39.32	146.38	24.58	4.02	17.87	2.60	15.78	3.25	9.26	1.38	8.36	1.31	122.42	825		
KWRAB082	11	13	2	Clays	286.97	184.72	48.10	184.87	31.66	5.26	23.05	3.29	19.11	3.86	10.49	1.50	9.30	1.43	138.42	952		

Hole ID	From m	To m	Int.	Rock	Ce_2O_3 ppm	La_2O_3 ppm	Pr_2O_3 ppm	Nd_2O3 ppm	Sm_2O3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	>500ppm TREO Length (m)	>500ppm TREO TREO ppm
KWRAB082	13	15	2	Clays	249.49	193.51	48.33	190.12	33.16	5.77	25.24	3.53	21.06	4.24	11.61	1.74	9.90	1.50	154.93	954		
KWRAB082	15	17	2	Clays	407.61	344.80	82.27	327.76	55.08	10.98	49.33	6.95	39.71	7.57	20.53	2.89	17.99	2.42	260.33	1636	**12**	**918**
KWRAB082	17	19	2	Shales	225.48	166.54	41.43	158.63	27.02	5.63	25.70	3.68	21.63	4.49	12.18	1.72	10.25	1.49	156.20	862		
KWRAB082	19	21	2	Shales	183.89	83.50	20.66	76.52	13.97	3.01	11.93	1.85	11.59	2.47	7.17	1.04	6.73	0.92	76.96	502	**4**	**682**
KWRAB083	0	2	2	Soil	151.68	103.68	22.82	83.16	14.38	2.63	12.22	1.86	11.76	2.35	6.86	1.02	6.98	1.00	72.89	495		
KWRAB083	2	4	2	Laterite	127.67	78.81	14.98	51.67	8.55	1.53	7.18	1.13	7.00	1.42	4.20	0.66	4.59	0.67	41.91	352		
KWRAB083	4	6	2	Clays	289.31	64.74	13.87	48.41	8.99	1.81	6.81	1.24	7.72	1.53	4.61	0.82	5.12	0.81	35.81	492		
KWRAB083	6	8	2	Clays	272.91	49.61	10.29	36.51	6.30	1.02	4.62	0.78	4.65	0.97	2.66	0.43	2.96	0.44	26.79	421		
KWRAB083	8	10	2	Phyllite	82.11	48.08	10.37	36.97	6.29	1.08	5.09	0.77	4.92	0.99	3.00	0.49	3.15	0.44	33.14	237		
KWRAB083	10	12	2	Phyllite	79.06	79.40	17.73	64.27	10.52	2.04	8.18	1.21	7.40	1.53	4.24	0.64	4.29	0.61	52.45	334		
BRRAB001	0	1	1	Laterite	219.03	133.70	22.47	68.35	11.05	1.77	7.92	1.15	6.65	1.40	3.97	0.61	3.95	0.60	41.53	524		
BRRAB001	1	3	2	Laterite	650.07	137.80	23.87	76.63	12.41	1.91	7.71	1.19	6.29	1.24	3.41	0.57	3.62	0.55	32.26	960		
BRRAB001	3	5	2	Laterite	261.20	89.60	16.68	57.15	11.17	1.75	8.33	1.24	7.39	1.41	4.37	0.67	4.69	0.71	42.80	509	**5**	**692**
BRRAB001	5	7	2	Clays	142.31	61.34	11.39	37.79	7.15	1.23	5.79	0.93	5.69	1.20	3.37	0.56	3.95	0.58	33.65	317		
BRRAB001	7	8	1	Clays	139.38	82.10	19.43	68.35	14.21	2.48	12.51	1.95	12.05	2.60	7.72	1.10	6.65	1.00	95.50	467		
BRRAB001	8	9	1	Clays	185.65	94.29	29.73	110.34	22.61	3.97	16.60	2.60	15.67	3.25	9.09	1.31	7.83	1.24	116.32	621	**1**	**621**
BRRAB001	9	11	2	Clays	149.93	82.57	19.78	68.58	12.99	2.04	8.74	1.37	8.47	1.73	4.93	0.75	5.08	0.76	54.99	423		
BRRAB001	11	13	2	Clays	116.54	77.99	17.73	64.04	11.36	1.97	8.75	1.38	8.00	1.74	5.13	0.71	4.77	0.72	53.21	374		
BRRAB001	13	15	2	Shales	130.60	73.42	19.60	75.93	15.83	3.08	15.68	2.43	14.69	3.18	9.11	1.27	7.65	1.06	101.59	475		
BRRAB001	15	17	2	Shales	120.06	64.74	14.10	49.92	9.61	1.73	7.15	1.04	6.16	1.27	3.57	0.54	3.20	0.49	40.13	324		
BRRAB001	17	20	3	Shales	106.94	55.94	13.46	49.22	9.85	1.92	7.90	1.24	7.33	1.53	4.45	0.59	3.86	0.51	49.53	314		
BRRAB002	0	1	1	Soil	173.35	102.62	19.49	66.95	12.12	2.19	8.91	1.31	7.48	1.43	4.22	0.65	4.11	0.57	42.80	448		
BRRAB002	1	4	3	Laterite	606.73	138.98	26.68	89.23	15.31	2.63	10.14	1.47	8.39	1.53	4.20	0.67	4.32	0.68	38.10	949	**3**	**949**
BRRAB002	4	5	1	Clays	353.73	138.98	27.03	93.66	16.12	2.51	9.65	1.37	7.61	1.50	3.95	0.64	4.18	0.59	37.97	699		
BRRAB002	5	6	1	Clays	228.40	137.80	29.02	93.66	15.25	2.47	9.65	1.38	7.71	1.51	4.29	0.64	4.02	0.64	46.35	583		
BRRAB002	6	8	2	Clays	185.07	106.37	24.34	85.61	17.05	2.95	13.08	2.01	11.03	2.27	6.27	0.93	5.90	0.80	68.96	533	**4**	**587**
BRRAB002	8	10	2	Shales	166.91	89.25	21.36	80.36	17.80	3.31	15.33	2.41	13.66	2.77	7.81	1.10	6.96	1.02	86.10	516		
BRRAB002	10	12	2	Shales	213.76	106.49	34.87	162.13	35.14	6.09	32.39	4.89	29.73	6.32	18.12	2.54	15.26	2.35	229.22	899		
BRRAB002	12	14	2	Shales	193.85	95.47	22.47	82.11	16.70	2.85	14.52	2.12	13.31	2.70	7.48	1.10	6.97	0.97	81.91	545		
BRRAB002	14	16	2	Shales	182.72	91.36	19.66	70.10	13.57	2.10	12.10	1.76	10.43	2.37	6.86	1.04	6.15	1.01	91.81	513		
BRRAB002	16	18	2	Shales	188.58	93.71	20.48	73.60	14.84	2.33	12.68	1.91	11.06	2.38	6.51	0.96	5.39	0.85	98.04	533	**10**	**601**
BRRAB003	0	1	1	Soil	169.25	95.58	19.84	68.23	12.58	2.01	10.40	1.62	9.71	1.99	5.53	0.88	5.32	0.83	63.11	467		
BRRAB003	1	3	2	Laterite	947.58	177.68	29.14	85.85	14.50	2.23	9.20	1.53	8.41	1.59	4.57	0.72	4.96	0.72	37.08	1326		
BRRAB003	3	5	2	Laterite	1103.36	664.98	133.41	424.57	60.53	8.07	29.97	3.84	18.59	2.93	7.52	1.11	7.23	1.00	71.88	2539	**4**	**1546**
BRRAB003	5	7	2	Clays	251.83	195.86	37.45	121.89	19.83	3.10	13.72	1.93	11.53	2.28	6.69	1.04	6.64	1.01	69.21	744	**2**	**744**
BRRAB003	7	9	2	Clays	122.40	79.87	15.51	52.25	9.82	1.60	8.14	1.29	7.88	1.75	5.37	0.83	5.23	0.77	56.64	369		
BRRAB003	9	12	3	Clays	183.31	103.91	23.64	81.30	14.44	2.45	10.63	1.58	8.88	1.74	5.20	0.78	4.92	0.75	53.84	497		
BRRAB003	12	14	2	Clays	161.64	83.86	19.60	70.57	13.57	2.32	9.76	1.48	8.95	1.80	5.09	0.81	4.93	0.74	56.64	442		
BRRAB003	14	16	2	Clays	196.78	103.44	32.42	142.88	35.37	7.64	40.23	6.28	38.91	8.30	22.98	3.12	17.59	2.59	311.13	970	**2**	**970**
BRRAB003	16	18	2	Clays	132.36	67.44	16.09	62.99	13.22	2.45	11.58	1.71	9.78	2.12	5.75	0.80	4.87	0.74	76.45	408		

Hole ID	From m	To m	Int.	Rock	Ce_2O_3 ppm	La_2O_3 ppm	Pr_2O_3 ppm	Nd_2O3 ppm	Sm_2O3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	>500ppm TREO Length (m)	>500ppm TREO TREO ppm
BRRAB003	18	20	2	Shales	125.33	64.39	14.98	54.94	11.25	2.23	10.32	1.60	9.00	1.87	5.27	0.73	4.35	0.65	63.24	370		
BRRAB004	0	1	1	Soil	235.43	121.97	24.58	81.76	14.73	2.45	11.45	1.75	10.03	2.11	5.83	0.85	5.19	0.88	61.34	580		
BRRAB004	1	4	3	Laterite	586.82	235.73	47.51	159.80	26.67	4.16	17.17	2.44	12.97	2.33	5.93	0.85	5.28	0.77	55.88	1164	**4**	**1018**
BRRAB004	4	6	2	Clays	279.94	150.70	36.51	134.72	25.86	4.26	19.88	2.62	14.52	2.84	7.50	1.05	6.29	0.92	82.42	770		
BRRAB004	6	8	2	Clays	269.40	129.59	30.90	112.09	22.32	3.76	21.15	3.23	19.45	4.06	11.49	1.63	9.66	1.46	137.15	777		
BRRAB004	8	11	3	Clays	244.80	123.14	27.97	97.74	18.15	3.16	19.42	3.17	20.77	4.57	13.21	1.83	11.10	1.73	163.82	755		
BRRAB004	11	14	3	Clays	202.05	101.92	22.35	75.47	14.15	2.59	16.02	2.68	17.33	3.93	11.55	1.66	10.00	1.52	138.42	622	**10**	**722**
BRRAB004	14	16	2	Clays	145.24	67.55	16.79	60.89	12.64	2.48	13.08	2.12	13.94	3.16	9.32	1.34	8.04	1.30	115.05	473		
BRRAB004	16	18	2	Clays	147.58	68.02	16.62	58.55	12.12	2.19	11.31	1.86	11.59	2.59	7.67	1.07	6.51	1.08	97.02	446		
BRRAB004	18	20	2	Mudstone	146.41	71.31	16.62	59.49	11.65	2.20	11.09	1.71	10.42	2.28	6.36	0.95	5.57	0.89	80.64	428		
BRRAB005	0	1	1	Soil	149.34	88.90	17.09	57.62	10.82	1.83	8.45	1.31	8.10	1.72	4.83	0.73	4.75	0.76	50.42	407		
BRRAB005	1	3	2	Laterite	144.66	72.01	12.58	40.47	7.71	1.29	5.53	0.90	5.57	1.16	3.44	0.55	3.53	0.52	30.22	330		
BRRAB005	3	5	2	Laterite	343.19	113.06	21.77	71.38	12.41	2.05	8.55	1.34	8.03	1.58	4.76	0.72	4.90	0.74	47.62	642		
BRRAB005	5	7	2	Laterite	196.19	132.53	26.92	91.10	15.89	2.50	10.87	1.55	9.02	1.73	5.26	0.77	4.94	0.76	51.56	552	**4**	**597**
BRRAB005	7	8	1	Clays	241.29	168.30	35.93	122.47	21.74	3.16	13.37	1.82	9.62	1.75	4.93	0.73	4.55	0.72	49.91	680		
BRRAB005	8	10	2	Clays	255.34	154.22	36.86	128.30	23.08	3.72	14.64	1.77	9.16	1.67	4.53	0.62	3.85	0.55	45.08	683		
BRRAB005	10	12	2	Clays	192.68	103.68	25.98	94.94	16.81	2.83	11.49	1.63	8.70	1.64	4.49	0.65	4.14	0.64	45.34	516	**5**	**616**
BRRAB005	12	14	2	Shales	156.37	78.23	20.77	86.43	20.64	4.21	24.90	3.99	27.89	6.47	19.55	2.78	17.25	2.64	233.03	705	**2**	**705**
BRRAB005	14	16	2	Shales	152.85	75.29	17.20	63.22	11.83	2.26	9.85	1.39	8.72	1.80	5.18	0.73	4.42	0.67	58.16	414		
BRRAB005	16	18	2	Shales	154.61	75.76	17.26	63.10	11.71	2.21	9.99	1.38	8.54	1.76	4.92	0.73	4.28	0.65	53.34	410		
BRRAB005	18	20	2	Shales	151.68	73.53	16.91	60.42	11.47	2.05	8.78	1.31	7.47	1.50	4.08	0.61	3.54	0.57	43.68	388		
BRRAB006	0	1	1	Soil	218.45	120.21	28.44	101.94	19.13	3.28	15.04	2.31	13.77	2.73	7.92	1.15	7.12	1.10	86.10	629	**1**	**629**
BRRAB006	1	3	2	Laterite	180.97	109.54	20.95	70.68	13.39	2.28	10.32	1.62	9.51	1.95	5.99	0.88	5.68	0.83	56.00	491		
BRRAB006	3	5	2	Laterite	165.74	112.82	21.24	71.62	12.81	2.14	9.84	1.52	9.15	1.95	5.69	0.85	5.33	0.80	53.21	475		
BRRAB006	5	7	2	Clays	346.70	141.91	30.19	103.69	18.50	3.07	14.35	2.26	13.43	2.75	8.05	1.18	7.58	1.16	84.07	779		
BRRAB006	7	8	1	Clays	196.19	153.64	32.30	111.51	19.13	3.28	15.85	2.51	15.03	3.04	8.71	1.32	7.99	1.31	98.04	670		
BRRAB006	8	10	2	Clays	118.30	104.97	24.69	86.90	16.06	2.77	13.66	2.00	12.34	2.54	7.47	1.03	6.63	1.02	81.27	482		
BRRAB006	10	12	2	Clays	100.26	138.98	36.16	134.14	24.47	4.45	21.32	3.11	18.48	3.87	10.86	1.37	8.52	1.36	133.34	641		
BRRAB006	12	14	2	Clays	121.82	148.36	39.09	145.22	26.09	4.77	23.63	3.38	20.08	4.07	11.61	1.54	8.65	1.35	148.58	708	**9**	**654**
BRRAB006	14	16	2	Clays	45.21	57.12	16.15	60.54	11.83	2.11	10.10	1.53	9.09	1.91	5.18	0.74	4.37	0.69	62.61	289		
BRRAB006	16	18	2	Mudstone	124.16	86.08	23.17	86.66	17.63	3.65	13.95	2.07	11.59	2.21	6.61	0.81	4.95	0.76	74.42	459		
BRRAB006	18	20	2	Mudstone	101.90	55.36	14.10	52.49	9.90	1.91	7.48	1.12	6.04	1.19	3.37	0.46	2.93	0.48	40.26	299		
BRRAB007	0	1	1	Soil	290.48	94.64	15.27	48.76	9.38	1.53	7.13	1.20	7.23	1.44	4.06	0.64	4.29	0.63	40.26	527		
BRRAB007	1	3	2	Laterite	814.05	83.62	12.99	39.42	7.50	1.24	5.28	0.93	5.43	1.10	3.25	0.49	3.34	0.51	28.32	1007		
BRRAB007	3	5	2	Laterite	238.95	88.08	18.84	64.74	11.71	1.98	8.94	1.38	8.52	1.75	5.24	0.77	5.16	0.76	50.92	508	**5**	**711**
BRRAB007	5	7	2	Clays	93.24	75.18	16.56	57.50	10.52	1.71	8.32	1.30	7.92	1.62	4.71	0.71	4.49	0.72	49.02	334		
BRRAB007	7	8	1	Clays	120.64	71.42	15.86	55.40	9.82	1.57	7.49	1.21	7.46	1.53	4.45	0.64	4.37	0.68	46.99	350		
BRRAB007	8	10	2	Clays	42.87	53.36	11.94	42.69	7.72	1.31	6.18	0.94	5.69	1.15	3.40	0.51	3.40	0.48	36.45	218		
BRRAB007	10	12	2	Clays	28.35	33.31	7.76	27.41	4.72	0.87	4.24	0.66	4.14	0.87	2.61	0.34	2.17	0.33	26.79	145		
BRRAB007	12	14	2	Clays	118.30	82.68	18.49	65.55	11.60	2.10	8.49	1.19	6.97	1.29	3.52	0.53	3.04	0.47	43.30	368		

Hole ID	From m	To m	Int.	Rock	Ce_2O_3 ppm	La_2O_3 ppm	Pr_2O_3 ppm	Nd_2O3 ppm	Sm_2O3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	>500ppm TREO Length (m)	>500ppm TREO TREO ppm
BRRAB007	14	16	2	Clays	95.46	64.03	13.87	49.69	9.21	1.71	6.62	0.99	5.84	1.16	3.16	0.48	2.88	0.44	37.34	293		
BRRAB007	16	18	2	Siltstone	122.99	57.00	12.11	44.09	8.55	1.59	6.83	1.00	5.74	1.12	3.11	0.43	2.79	0.41	39.49	307		
BRRAB007	18	20	2	Siltstone	84.92	42.57	9.20	32.19	5.26	1.04	3.90	0.55	3.31	0.68	2.07	0.27	1.71	0.27	21.84	210		
BRRAB008	0	1	1	Soil	204.98	110.48	26.33	95.53	18.26	3.14	14.98	2.28	13.54	2.81	7.44	1.12	6.90	1.07	85.59	594		
BRRAB008	1	3	2	Laterite	230.75	114.23	19.84	62.99	10.90	1.95	8.51	1.27	7.47	1.57	4.72	0.67	4.65	0.68	43.30	513		
BRRAB008	3	5	2	Laterite	256.51	152.46	23.64	70.33	11.11	1.86	8.13	1.27	7.43	1.51	4.19	0.66	4.40	0.65	39.24	583	**5**	**558**
BRRAB008	5	7	2	Clays	261.20	137.80	27.39	93.20	16.29	2.73	11.93	1.92	11.35	2.23	6.43	0.96	6.35	0.91	70.61	651		
BRRAB008	7	8	1	Clays	147.58	112.12	23.76	84.21	14.96	2.56	12.10	1.91	11.59	2.38	6.83	1.03	6.65	1.02	76.83	506	**3**	**603**
BRRAB008	8	9	1	Clays	96.98	84.79	19.25	71.03	12.93	2.26	11.00	1.69	10.32	2.13	6.72	0.96	5.72	0.91	70.86	398		
BRRAB008	9	11	2	Clays	69.34	67.55	15.51	56.45	10.74	2.13	9.34	1.51	8.94	1.82	5.40	0.75	4.71	0.75	63.62	319		
BRRAB008	11	13	2	Clays	80.47	88.78	19.78	74.18	13.86	2.85	12.22	1.89	10.81	2.27	6.15	0.88	5.17	0.76	81.53	402		
BRRAB008	13	15	2	Clays	281.11	169.47	44.59	172.04	33.05	6.80	28.93	4.03	22.55	4.40	12.35	1.55	9.21	1.40	162.55	954	**2**	**954**
BRRAB008	15	18	3	Clays	124.16	83.86	21.83	82.81	16.64	3.40	14.70	2.09	11.71	2.38	6.28	0.87	5.06	0.78	87.62	464		
BRRAB008	18	20	2	Clays	59.50	48.20	12.23	46.89	9.69	1.92	8.46	1.17	6.99	1.36	3.70	0.49	2.94	0.44	50.80	255		
BRRAB009	0	2	2	Soil	74.96	42.34	8.09	27.76	5.16	0.91	4.52	0.74	4.56	0.90	2.79	0.42	2.60	0.42	29.46	206		
BRRAB009	2	4	2	Clays	82.58	47.97	9.21	31.14	5.77	0.98	4.89	0.79	5.06	1.10	3.06	0.48	3.22	0.50	33.53	230		
BRRAB009	4	5	1	Clays	209.66	45.04	8.36	27.64	5.14	0.87	4.25	0.81	5.02	1.07	3.28	0.47	3.48	0.53	32.64	348		
BRRAB009	5	7	2	Clays	301.02	91.13	17.67	59.95	9.97	1.78	8.54	1.43	8.32	1.70	5.17	0.75	4.89	0.75	55.24	568		
BRRAB009	7	9	2	Clays	200.29	137.80	28.32	97.86	16.93	2.84	13.20	1.98	11.76	2.30	6.53	0.94	5.65	0.82	73.78	601		
BRRAB009	9	12	3	Clays	219.62	140.74	25.75	89.35	15.13	2.70	13.02	1.85	11.06	2.22	6.04	0.85	5.06	0.78	80.77	615	**7**	**598**
BRRAB009	12	14	2	Sandstone	72.27	43.39	8.04	27.88	4.42	0.86	3.55	0.52	3.08	0.60	1.82	0.26	1.76	0.27	22.22	191		
BRRAB009	14	16	2	Sandstone	49.66	28.03	5.11	17.26	2.91	0.51	2.20	0.33	1.82	0.37	1.15	0.17	1.15	0.16	12.83	124		
BRRAB009	16	18	2	Sandstone	50.01	29.67	5.10	19.60	2.69	0.49	1.98	0.29	1.95	0.40	1.07	0.18	1.24	0.18	12.83	128		
BRRAB009	18	20	2	Sandstone	38.89	20.64	4.31	17.03	2.68	0.57	2.11	0.32	2.00	0.39	1.19	0.19	1.26	0.19	13.21	105		
BRRAB010	0	1	1	Soil	76.13	55.24	9.18	34.88	5.71	1.02	5.19	0.81	5.55	1.15	3.44	0.56	3.75	0.56	35.43	239		
BRRAB010	1	3	2	Clays	84.45	76.35	13.28	50.86	8.55	1.45	7.48	1.20	7.38	1.53	4.48	0.66	4.52	0.66	48.00	311		
BRRAB010	3	6	3	Clays	316.25	84.91	16.44	64.85	12.29	1.75	8.98	1.42	8.37	1.67	4.76	0.77	5.08	0.73	47.24	575		
BRRAB010	6	8	2	Clays	304.54	199.96	39.79	157.46	25.40	4.56	19.94	3.02	17.96	3.46	9.41	1.32	8.46	1.15	107.43	904	**5**	**707**
BRRAB010	8	10	2	Sandstone	132.36	139.56	23.52	101.24	16.99	3.66	18.61	2.59	15.72	3.25	8.95	1.24	7.01	1.03	137.78	614	**2**	**614**
BRRAB010	10	12	2	Sandstone	96.98	54.18	11.04	44.79	7.76	1.77	6.35	0.94	5.69	1.04	2.94	0.42	2.72	0.40	33.78	271		
BRRAB010	12	14	2	Sandstone	86.44	47.97	9.64	37.91	5.87	1.27	4.22	0.58	3.19	0.62	1.73	0.29	1.83	0.27	19.30	221		
BRRAB010	14	16	2	Shales	85.04	46.44	9.68	40.71	7.66	1.71	6.95	1.00	5.61	1.04	2.96	0.45	2.66	0.36	34.03	246		
BRRAB010	16	19	3	Shales	111.62	58.52	12.11	49.69	9.04	1.95	7.88	1.16	6.51	1.17	3.34	0.47	2.87	0.42	38.48	305		
BRRAB011	0	1	1	Soil	379.50	46.33	9.16	31.03	5.60	1.08	4.46	0.76	4.76	0.93	2.94	0.49	3.45	0.48	28.57	520	**1**	**520**
BRRAB011	1	3	2	Clays	96.05	56.29	10.23	35.11	5.86	1.11	4.98	0.83	5.36	1.15	3.53	0.54	4.12	0.60	35.81	262		
BRRAB011	3	5	2	Clays	117.01	56.76	10.46	36.86	6.46	1.26	5.72	0.98	6.62	1.42	4.32	0.75	5.11	0.74	38.73	293		
BRRAB011	5	6	1	Shales	103.07	60.75	13.58	47.94	7.73	1.55	6.83	1.13	7.72	1.63	5.27	0.87	5.86	0.81	46.48	311		
BRRAB011	6	8	2	Shales	364.27	266.23	57.70	218.12	37.34	7.11	34.58	5.13	31.22	6.39	17.55	2.39	15.14	2.17	212.71	1278	**2**	**1278**
BRRAB011	8	10	2	Shales	130.60	72.83	15.45	59.14	10.75	2.37	10.21	1.40	8.27	1.63	4.70	0.66	4.00	0.56	63.88	386		
BRRAB011	10	13	3	Siltstone	65.59	34.13	7.86	28.34	5.14	1.20	4.51	0.63	3.65	0.76	2.17	0.33	2.35	0.31	23.11	180		

Hole ID	From m	To m	Int.	Rock	Ce_2O_3 ppm	La_2O_3 ppm	Pr_2O_3 ppm	Nd_2O3 ppm	Sm_2O3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	>500ppm TREO Length (m)	>500ppm TREO TREO ppm
BRRAB012	0	2	2	Soil	142.90	99.10	20.83	72.55	12.41	2.29	10.56	1.65	10.10	2.10	6.27	0.96	6.76	0.93	65.78	455		
BRRAB012	2	4	2	Laterite	221.96	91.83	16.15	52.37	8.37	1.46	6.21	0.98	6.45	1.29	3.82	0.58	4.46	0.63	36.70	453		
BRRAB012	4	6	2	Laterite	700.44	103.32	18.72	60.42	9.23	1.63	6.98	1.10	6.58	1.37	3.91	0.65	4.68	0.61	36.19	956	**2**	**956**
BRRAB012	6	8	2	Clays	323.28	201.72	44.59	159.80	22.38	3.73	14.06	1.91	10.26	1.89	4.95	0.74	5.14	0.67	49.91	845		
BRRAB012	8	9	1	Clays	595.02	416.34	129.32	513.22	70.74	11.16	38.38	4.48	21.98	3.44	8.15	1.06	6.16	0.83	85.08	1905	**3**	**719**
BRRAB012	9	11	2	Shales	265.89	150.12	49.62	214.62	34.79	6.39	27.09	3.72	21.98	4.26	11.07	1.56	10.36	1.36	121.40	924		
BRRAB012	11	12	1	Shales	206.73	103.91	29.84	132.39	29.80	6.30	31.00	4.51	27.32	5.75	15.67	2.27	14.23	2.00	170.17	782	**3**	**877**
BRRAB013	0	2	2	Soil	176.28	98.63	20.25	66.60	10.77	2.04	8.71	1.37	8.19	1.63	4.61	0.74	4.74	0.75	47.75	453		
BRRAB013	2	4	2	Soil	189.16	139.56	26.92	91.91	13.86	2.48	8.91	1.37	8.02	1.53	4.25	0.69	4.65	0.67	38.10	532	**2**	**532**
BRRAB013	4	6	2	Laterite	104.60	57.35	12.87	47.59	8.75	1.60	6.90	1.09	6.32	1.29	3.80	0.65	4.18	0.63	35.56	293		
BRRAB013	6	8	2	Clays	161.05	97.93	20.48	74.07	12.47	2.36	10.03	1.59	9.81	2.11	5.85	0.89	6.07	0.86	63.88	469		
BRRAB013	8	10	2	Clays	70.98	71.31	15.97	58.79	9.64	1.96	8.54	1.25	7.49	1.57	4.32	0.66	4.46	0.59	50.67	308		
BRRAB013	10	12	2	Clays	78.01	89.37	20.54	74.77	12.64	2.59	10.45	1.53	8.95	1.78	5.11	0.71	4.75	0.64	60.19	372		
BRRAB013	12	14	2	Clays	94.17	92.89	23.41	85.96	15.25	3.15	12.45	1.75	10.40	2.14	5.64	0.80	5.22	0.75	66.92	421		
BRRAB013	14	16	2	Clays	101.67	106.26	28.56	108.13	20.12	4.25	16.48	2.41	14.23	2.75	7.38	0.99	6.34	0.85	85.59	506	**2**	**506**
BRRAB013	16	17	1	Clays	88.90	76.70	19.31	74.07	13.51	2.92	11.17	1.60	9.38	1.75	4.76	0.70	4.27	0.60	59.30	369		
BRRAB013	17	18	1	Shales	106.94	87.37	18.32	70.45	12.64	2.95	11.06	1.61	8.50	1.59	4.32	0.64	3.93	0.59	55.49	386		
BRRAB014	0	2	2	Soil	162.23	83.97	17.26	65.32	11.71	2.30	9.92	1.60	8.63	1.74	4.97	0.75	5.28	0.82	57.02	434		
BRRAB014	2	4	2	Soil	151.10	72.36	14.22	52.72	9.51	1.81	8.03	1.37	7.39	1.52	4.49	0.78	5.04	0.80	47.24	378		
BRRAB014	4	6	2	Laterite	346.70	74.24	14.22	53.19	9.58	1.92	8.32	1.45	8.36	1.72	5.39	0.83	5.58	0.91	48.64	581		
BRRAB014	6	8	2	Laterite	322.11	91.24	17.20	64.04	11.46	2.33	9.70	1.63	9.50	1.84	5.83	0.90	6.39	0.96	58.03	603	**4**	**592**
BRRAB014	8	10	2	Clays	106.35	84.56	14.75	54.82	8.62	1.64	7.70	1.15	6.52	1.41	4.22	0.67	4.16	0.71	48.38	346		
BRRAB014	10	12	2	Clays	83.75	48.79	9.48	35.69	5.61	0.98	4.82	0.75	4.17	0.85	2.57	0.39	2.44	0.42	28.95	230		
BRRAB014	12	14	2	Clays	67.58	46.91	9.84	36.16	5.30	1.05	4.56	0.66	3.62	0.74	2.16	0.34	2.20	0.36	25.52	207		
BRRAB014	14	16	2	Clays	67.70	50.31	10.58	38.37	5.97	1.11	4.88	0.75	4.02	0.81	2.42	0.39	2.40	0.40	28.57	219		
BRRAB014	16	18	2	Clays	72.97	46.21	9.57	36.04	5.54	1.03	4.83	0.71	3.94	0.79	2.34	0.35	2.45	0.40	27.56	215		
BRRAB015	0	1	1	Soil	172.77	113.88	23.64	90.40	16.58	3.00	14.81	2.31	12.57	2.49	7.34	1.12	7.42	1.14	83.31	553	**1**	**553**
BRRAB015	1	3	2	Laterite	181.55	118.45	16.91	55.40	8.71	1.56	6.47	1.05	6.03	1.18	3.45	0.55	3.91	0.61	33.40	439		
BRRAB015	3	5	2	Laterite	209.08	111.18	17.79	62.52	10.73	1.90	8.52	1.35	7.62	1.49	4.54	0.72	4.85	0.74	42.41	485		
BRRAB015	5	7	2	Clays	186.82	111.42	18.32	64.27	10.80	1.99	8.89	1.45	7.31	1.52	4.61	0.71	4.86	0.78	48.38	472		
BRRAB015	7	9	2	Clays	143.48	104.61	16.79	58.09	9.74	1.70	7.49	1.24	6.65	1.37	4.14	0.71	4.38	0.73	43.68	405		
BRRAB015	9	11	2	Clays	117.01	87.61	13.63	48.64	7.62	1.61	6.55	1.00	5.51	1.16	3.28	0.57	3.70	0.63	36.95	335		
BRRAB015	11	13	2	Clays	151.68	90.54	21.88	83.63	14.67	2.89	11.24	1.65	8.60	1.65	4.64	0.71	4.36	0.64	54.61	453		
BRRAB015	13	15	2	Clays	270.57	205.83	37.10	138.80	24.70	4.97	20.80	3.19	16.07	2.91	7.62	1.10	6.39	0.99	99.43	840		
BRRAB015	15	17	2	Clays	299.85	199.96	46.69	183.12	30.61	5.66	21.90	2.94	14.52	2.54	6.75	0.91	5.32	0.86	81.27	903		
BRRAB015	17	18	1	Clays	270.57	192.34	39.56	151.05	26.32	5.05	20.52	2.89	14.75	2.58	6.93	0.97	5.86	0.88	82.92	823	**5**	**862**
BRRAB016	0	1	1	Soil	200.88	107.31	20.19	74.65	13.57	2.43	11.64	1.82	10.02	1.98	5.52	0.93	5.68	0.90	65.15	523	**1**	**523**
BRRAB016	1	3	2	Laterite	152.27	105.67	13.81	43.86	7.36	1.35	5.87	1.06	6.08	1.24	3.68	0.62	4.32	0.67	37.34	385		
BRRAB016	3	5	2	Laterite	215.52	105.55	18.96	67.42	11.22	2.01	9.39	1.47	8.45	1.72	5.28	0.83	5.48	0.83	56.00	510	**2**	**510**
BRRAB016	5	7	2	Clays	151.68	103.79	19.25	70.92	11.51	2.17	9.96	1.67	9.18	1.96	5.75	0.88	6.24	0.89	63.37	459		

Hole ID	From m	To m	Int.	Rock	Ce_2O_3 ppm	La_2O_3 ppm	Pr_2O_3 ppm	Nd_2O3 ppm	Sm_2O3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	>500ppm TREO Length (m)	>500ppm TREO TREO ppm
BRRAB016	7	9	2	Clays	150.51	81.16	13.69	49.92	8.20	1.49	6.87	1.10	6.15	1.24	3.91	0.59	4.05	0.66	44.07	374		
BRRAB016	9	11	2	Clays	52.12	36.24	7.16	26.94	4.57	0.93	4.13	0.68	3.68	0.77	2.45	0.39	2.63	0.43	26.67	170		
BRRAB016	11	13	2	Clays	52.24	41.05	7.02	26.13	4.86	0.95	3.96	0.63	3.51	0.76	2.29	0.38	2.45	0.38	25.14	172		
BRRAB016	13	15	2	Clays	46.85	45.86	8.61	32.43	5.65	1.10	5.41	0.82	4.51	0.92	2.97	0.45	2.81	0.47	34.41	193		
BRRAB016	15	17	2	Clays	100.85	64.97	14.28	55.29	9.86	2.06	8.58	1.29	6.53	1.28	3.57	0.51	3.34	0.51	43.56	316		
BRRAB016	17	19	2	Clays	97.57	59.34	13.22	50.16	9.30	1.92	7.43	1.15	5.91	1.13	3.32	0.49	3.06	0.48	39.37	294		
BRRAB017	0	2	2	Soil	172.18	94.18	20.30	78.62	14.26	2.74	13.37	2.04	11.37	2.28	6.76	0.96	6.43	1.01	73.65	500		
BRRAB017	2	4	2	Soil	285.80	164.19	28.20	97.74	16.12	2.80	12.28	1.91	10.25	1.91	5.34	0.87	5.66	0.83	53.21	687		
BRRAB017	4	6	2	Laterite	241.29	189.41	36.86	127.14	21.39	3.83	17.29	2.69	14.12	2.57	7.06	1.07	6.67	0.97	64.26	737	**6**	**641**
BRRAB017	6	8	2	Clays	240.12	159.50	30.78	110.57	18.38	3.22	15.73	2.33	13.66	2.89	7.70	1.13	7.70	1.11	86.86	702	**2**	**702**
BRRAB017	8	10	2	Clays	157.54	66.15	15.56	57.85	10.29	1.91	9.60	1.45	8.38	1.79	5.09	0.79	4.91	0.76	55.37	397		
BRRAB017	10	12	2	Clays	91.24	71.66	15.56	58.44	11.05	2.15	10.03	1.61	9.68	1.97	5.48	0.82	5.31	0.82	62.23	348		
BRRAB017	12	14	2	Clays	136.46	71.07	19.25	74.07	13.74	3.01	12.97	1.85	10.74	2.13	5.73	0.80	5.08	0.76	72.51	430		
BRRAB017	14	16	2	Clays	131.77	79.40	20.66	81.88	15.07	3.22	13.95	2.01	11.21	2.22	6.24	0.82	5.01	0.76	76.96	451		
BRRAB017	16	18	2	Clays	101.79	63.92	16.62	66.37	12.99	3.00	12.74	1.89	10.23	2.03	5.66	0.78	4.77	0.72	71.62	375		
BRRAB018	0	1	1	Soil	143.48	70.25	14.57	52.84	9.28	1.77	7.91	1.34	7.47	1.50	4.45	0.66	4.26	0.65	44.70	365		
BRRAB018	1	3	2	Laterite	975.69	99.92	17.50	57.85	9.89	1.70	7.16	1.37	6.97	1.40	3.92	0.69	4.11	0.64	36.95	1226	**2**	**1226**
BRRAB018	3	5	2	Clays	345.53	105.90	22.29	80.95	14.15	2.42	11.93	1.88	10.95	2.29	6.48	0.96	6.13	0.94	67.05	680	**2**	**680**
BRRAB018	5	7	2	Clays	100.50	69.55	16.09	59.49	10.25	1.92	9.23	1.46	8.48	1.83	5.10	0.77	5.04	0.75	58.03	348		
BRRAB018	7	9	2	Clays	64.42	45.50	10.52	39.77	7.24	1.27	6.32	1.02	5.89	1.26	3.46	0.53	3.28	0.45	41.53	232		
BRRAB018	9	11	2	Clays	55.75	53.25	11.88	44.44	8.18	1.44	7.69	1.14	6.84	1.45	4.19	0.59	3.70	0.56	49.15	250		
BRRAB018	11	13	2	Clays	114.67	86.55	20.30	75.70	12.99	2.57	11.53	1.76	9.85	2.00	5.47	0.75	4.81	0.69	73.02	423		
BRRAB018	13	15	2	Shales	156.37	44.68	9.65	35.58	6.16	1.16	5.36	0.84	4.87	1.00	2.96	0.43	2.69	0.42	34.92	307		
BRRAB019	0	2	2	Soil	139.97	85.73	18.08	63.69	11.33	2.06	9.42	1.52	9.64	1.98	5.67	0.89	5.75	0.86	56.13	413		
BRRAB019	2	4	2	Laterite	202.63	82.68	15.68	53.07	9.14	1.56	7.53	1.28	7.49	1.56	4.76	0.77	4.93	0.78	44.45	438		
BRRAB019	4	6	2	Laterite	272.91	75.88	15.21	52.84	9.35	1.64	7.30	1.23	7.18	1.44	4.31	0.69	4.61	0.71	37.97	493		
BRRAB019	6	8	2	Clays	391.21	71.78	14.80	53.30	10.12	1.81	7.76	1.31	7.67	1.62	4.36	0.74	5.03	0.73	39.37	612		
BRRAB019	8	10	2	Clays	302.20	265.05	45.76	128.89	16.58	2.52	9.72	1.48	7.79	1.37	3.61	0.58	3.53	0.53	35.56	825		
BRRAB019	10	12	2	Clays	278.77	196.44	59.57	240.28	39.19	6.31	25.01	3.23	15.21	2.31	5.12	0.66	4.17	0.60	50.92	928		
BRRAB019	12	14	2	Clays	212.59	123.14	35.69	145.22	27.83	5.27	22.42	3.40	18.42	3.46	9.72	1.45	8.53	1.28	95.62	714	**8**	**770**
BRRAB019	14	16	2	Shales	151.68	76.94	21.30	99.03	25.40	5.63	33.77	5.13	30.99	7.06	19.78	2.76	17.02	2.60	261.60	761	**2**	**761**
BRRAB019	16	18	2	Shales	154.61	76.70	17.50	65.67	12.23	2.21	10.95	1.61	9.03	1.80	5.13	0.72	4.60	0.73	60.19	424		
BRRAB020	0	1	1	Soil	122.99	79.52	17.26	62.75	12.00	2.04	10.20	1.60	9.59	2.04	5.80	0.90	5.99	0.91	62.73	396		
BRRAB020	1	3	2	Soil	139.97	89.84	18.96	67.42	13.39	2.13	11.24	1.83	11.10	2.25	6.98	1.08	6.84	1.06	70.10	444		
BRRAB020	3	5	2	Laterite	190.34	70.60	13.22	44.67	7.54	1.17	6.22	0.98	5.92	1.25	3.84	0.61	4.09	0.64	33.53	385		
BRRAB020	5	7	2	Laterite	577.45	92.77	16.68	55.17	9.68	1.60	7.35	1.25	7.29	1.44	4.48	0.67	4.91	0.72	37.97	819	**2**	**819**
BRRAB020	7	9	2	Clays	388.87	270.92	59.10	210.54	33.28	5.45	21.73	2.89	14.29	2.29	5.72	0.80	5.47	0.73	53.21	1075		
BRRAB020	9	11	2	Clays	237.77	159.50	43.89	183.12	35.83	6.46	31.35	4.24	21.86	3.99	10.31	1.43	8.45	1.26	109.21	859		
BRRAB020	11	13	2	Clays	119.47	72.01	17.55	69.87	16.35	3.49	22.19	4.11	29.50	7.17	22.36	3.45	21.75	3.33	255.25	668		
BRRAB020	13	14	1	Clays	118.30	65.21	17.26	76.05	19.54	4.75	31.47	5.48	37.19	8.96	26.19	3.96	23.80	3.72	336.52	778	**7**	**855**

Hole ID	From m	To m	Int.	Rock	Ce_2O_3 ppm	La_2O_3 ppm	Pr_2O_3 ppm	Nd_2O3 ppm	Sm_2O3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	>500ppm TREO Length (m)	>500ppm TREO TREO ppm
BRRAB020	14	16	2	Siltstone	105.18	55.00	12.17	47.47	9.25	1.79	8.41	1.14	6.81	1.41	4.00	0.57	3.55	0.58	52.45	310		
BRRAB020	16	19	3	Shales	109.17	55.71	12.11	45.26	8.05	1.56	6.20	0.83	4.50	0.82	2.33	0.35	2.20	0.34	27.18	277		
BRRAB021	0	1	1	Soil	137.63	86.08	18.08	66.13	12.35	2.04	10.72	1.63	10.32	2.05	6.06	0.90	5.63	0.89	62.99	423		
BRRAB021	1	3	2	Laterite	227.23	133.11	25.51	87.25	13.39	2.35	10.11	1.53	9.42	1.75	5.23	0.78	4.99	0.77	47.62	571		
BRRAB021	3	5	2	Laterite	320.94	214.04	44.47	154.55	22.26	3.54	14.70	2.05	11.65	1.95	5.11	0.79	5.03	0.69	51.43	853	**4**	**712**
BRRAB021	5	7	2	Clays	180.97	81.04	16.44	61.24	10.78	1.96	9.67	1.55	9.90	1.99	6.33	0.98	6.54	0.99	64.38	455		
BRRAB021	7	9	2	Clays	177.45	91.83	20.89	79.55	15.02	3.07	16.14	2.77	18.94	4.26	13.44	2.07	13.10	2.06	162.55	623		
BRRAB021	9	11	2	Clays	195.02	89.37	24.34	95.64	18.55	3.69	18.04	2.77	16.81	3.59	10.58	1.58	9.34	1.46	126.99	618		
BRRAB021	11	13	2	Clays	171.01	106.37	22.47	84.91	16.00	3.09	15.21	2.42	15.78	3.28	10.27	1.51	9.12	1.41	113.53	576		
BRRAB021	13	14	1	Clays	128.84	74.24	19.54	80.48	17.28	3.87	20.98	3.55	24.22	5.26	15.32	2.24	13.72	2.06	186.68	598		
BRRAB021	14	16	2	Clays	142.90	100.98	29.73	130.64	28.99	6.48	40.80	6.70	45.79	10.56	32.13	4.55	25.73	3.98	365.73	976		
BRRAB021	16	19	3	Clays	127.09	77.40	17.14	67.53	12.87	2.66	14.75	2.18	14.92	3.45	10.65	1.51	8.35	1.34	178.42	540	**12**	**650**
BRRAB022	0	1	1	Soil	128.26	70.60	14.98	56.57	10.25	2.01	9.79	1.46	8.83	1.74	5.21	0.75	4.87	0.74	56.51	373		
BRRAB022	1	3	2	Laterite	441.58	258.02	43.54	146.97	22.61	3.99	15.50	2.31	12.51	2.20	5.59	0.83	5.00	0.69	53.72	1015		
BRRAB022	3	5	2	Laterite	358.42	150.12	27.97	99.03	16.64	2.92	12.68	1.92	11.19	2.13	6.17	0.89	5.81	0.88	63.37	760	**4**	**888**
BRRAB022	5	7	2	Clays	150.51	90.89	18.43	67.77	11.89	2.35	10.80	1.62	9.90	1.99	5.79	0.85	5.40	0.83	61.84	441		
BRRAB022	7	9	2	Clays	60.91	58.87	13.87	54.00	9.97	1.98	8.91	1.29	8.45	1.67	4.67	0.74	4.54	0.69	56.51	287		
BRRAB022	9	11	2	Clays	69.34	41.63	13.52	63.34	17.97	3.98	18.73	2.69	14.75	2.54	6.31	0.83	4.74	0.64	80.89	342		
BRRAB022	11	13	2	Clays	149.93	69.78	17.67	66.02	12.52	2.52	9.94	1.40	8.09	1.52	4.28	0.59	3.68	0.56	50.67	399		
BRRAB022	13	15	2	Clays	145.83	82.33	19.84	78.62	15.42	3.38	13.72	1.93	10.59	1.94	5.17	0.69	4.03	0.63	64.00	448		
BRRAB022	15	17	2	Shales	147.00	85.26	17.26	65.20	11.89	2.42	10.49	1.57	9.14	1.72	4.73	0.65	4.26	0.60	58.03	420		.
BRRAB023	0	2	2	Laterite	701.61	127.25	21.53	71.38	12.18	2.10	9.45	1.53	8.78	1.73	4.96	0.82	5.44	0.73	45.59	1015		
BRRAB023	2	4	2	Laterite	996.78	175.92	30.54	102.41	16.52	2.81	11.25	1.80	10.59	1.90	5.83	0.91	5.93	0.85	51.43	1415	**4**	**1215**
BRRAB023	4	6	2	Clays	228.40	147.77	26.92	93.55	14.21	2.65	11.50	1.67	10.36	2.12	6.13	0.88	5.91	0.96	65.53	619		
BRRAB023	6	8	2	Clays	271.74	205.24	45.06	167.96	26.55	4.87	20.86	2.88	16.76	3.29	9.13	1.36	8.47	1.27	108.07	894		
BRRAB023	8	10	2	Clays	232.50	144.25	36.05	139.38	24.35	4.84	20.34	2.89	17.96	3.43	9.91	1.46	9.04	1.35	109.97	758		
BRRAB023	10	12	2	Clays	247.14	121.38	30.08	121.89	23.42	4.98	21.61	3.15	19.80	3.88	11.19	1.64	9.86	1.55	131.43	753		
BRRAB023	12	13	1	Clays	225.48	104.14	29.84	145.22	36.06	8.45	41.49	6.40	39.71	8.09	24.01	3.41	19.81	3.00	300.97	996	**9**	**782**
BRRAB023	13	16	3	Shales	143.48	68.61	15.45	59.84	11.04	2.41	10.22	1.51	9.38	1.89	5.37	0.86	4.92	0.74	65.78	401		
BRRAB024	0	2	2	Laterite	226.06	110.95	17.14	56.57	9.37	1.78	7.35	1.15	7.38	1.40	4.37	0.74	4.61	0.69	42.80	492		
BRRAB024	2	4	2	Clays	202.05	80.57	13.99	47.36	7.80	1.48	7.08	1.10	7.15	1.40	4.24	0.71	4.69	0.69	44.83	425		
BRRAB024	4	6	2	Clays	124.16	61.45	11.76	42.81	7.22	1.34	6.28	1.00	6.65	1.36	4.14	0.67	4.30	0.64	45.08	319		
BRRAB024	6	8	2	Clays	64.77	46.44	10.08	36.74	6.42	1.32	6.71	1.07	6.54	1.45	4.43	0.67	4.68	0.74	48.51	241		
BRRAB024	8	10	2	Clays	84.57	37.53	8.33	30.44	5.58	1.03	5.23	0.85	5.41	1.16	3.51	0.51	3.68	0.57	38.86	227		
BRRAB024	10	12	2	Clays	52.83	39.41	9.15	34.76	6.34	1.32	5.92	0.84	5.50	1.20	3.64	0.54	3.94	0.56	41.53	207		
BRRAB024	12	14	2	Clays	52.24	36.94	8.86	33.94	6.02	1.12	5.34	0.82	4.99	1.07	3.16	0.43	3.12	0.48	36.95	195		
BRRAB024	14	15	1	Clays	68.17	43.63	10.23	38.37	6.62	1.46	6.52	0.94	6.31	1.32	3.92	0.58	3.89	0.58	46.22	239		
BRRAB024	15	16	1	Clays	48.26	37.06	9.10	35.34	7.28	1.53	7.18	1.08	6.48	1.47	4.09	0.59	4.11	0.64	51.56	216		
BRRAB024	16	18	2	Clays	58.68	53.36	13.87	50.86	9.06	1.93	7.53	1.08	6.25	1.31	3.68	0.49	3.78	0.52	41.91	254		
BRRAB024	18	20	2	Clays	193.85	99.69	18.72	62.17	10.75	2.03	8.33	1.30	7.85	1.57	4.21	0.66	4.54	0.64	44.32	461		

Hole ID	From m	To m	Int.	Rock	Ce_2O_3 ppm	La_2O_3 ppm	Pr_2O_3 ppm	Nd_2O3 ppm	Sm_2O3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	>500ppm TREO	
																					Length (m)	TREO ppm
BRRAB025	0	1	1	Soil	181.55	109.30	21.42	74.07	12.41	2.13	10.20	1.57	9.37	1.91	5.34	0.81	5.28	0.76	55.24	491		
BRRAB025	1	3	2	Laterite	486.09	101.45	17.38	56.92	9.21	1.61	7.16	1.16	6.58	1.33	3.57	0.56	4.04	0.57	34.41	732		
BRRAB025	3	5	2	Laterite	513.03	154.22	26.10	86.55	15.42	2.56	10.73	1.81	9.93	1.90	5.07	0.78	5.51	0.72	45.34	880	**4**	**806**
BRRAB025	5	7	2	Clays	215.52	168.88	33.47	107.66	16.93	2.70	12.62	1.90	10.60	2.10	5.90	0.83	6.38	0.86	62.61	649		
BRRAB025	7	9	2	Clays	175.70	127.84	28.67	95.76	15.19	2.57	10.80	1.85	10.09	1.96	5.49	0.80	5.67	0.82	60.70	544		
BRRAB025	9	11	2	Clays	244.80	147.19	44.35	178.46	34.09	6.17	28.12	4.42	25.13	4.89	13.32	1.91	12.24	1.71	157.47	904		
BRRAB025	11	13	2	Clays	193.85	104.38	30.78	132.97	29.45	5.96	30.89	4.97	29.38	6.06	17.10	2.22	13.78	1.99	201.91	806	**8**	**726**
BRRAB025	13	15	2	Siltstone	121.23	61.81	18.26	80.36	17.92	3.73	21.27	3.28	19.63	3.97	11.05	1.50	9.12	1.35	154.29	529	**2**	**529**
BRRAB026	0	2	2	Laterite	173.35	79.40	14.69	49.81	8.74	1.63	7.45	1.15	7.06	1.35	4.22	0.62	4.37	0.61	41.14	396		
BRRAB026	2	4	2	Clays	145.83	95.11	18.20	62.64	10.02	1.82	8.89	1.34	7.75	1.62	4.75	0.70	5.02	0.75	48.89	413		
BRRAB026	4	6	2	Clays	102.14	82.80	15.80	54.82	8.92	1.59	7.43	1.17	7.68	1.53	4.75	0.73	5.53	0.77	52.70	348		
BRRAB026	6	8	2	Clays	79.88	57.12	11.45	40.01	7.04	1.20	6.34	0.94	6.05	1.29	3.83	0.57	4.02	0.58	40.51	261		
BRRAB026	8	10	2	Clays	58.68	38.00	8.04	29.51	5.13	1.00	4.69	0.75	4.67	1.00	3.06	0.45	3.28	0.49	33.53	192		
BRRAB026	10	12	2	Clays	61.26	34.48	6.92	24.03	4.43	0.82	3.82	0.66	4.04	0.81	2.65	0.46	2.97	0.45	27.68	175		
BRRAB026	12	14	2	Clays	61.73	34.71	8.70	31.96	5.90	1.11	4.88	0.84	4.82	1.05	3.25	0.45	3.25	0.44	33.40	196		
BRRAB026	14	16	2	Siltstone	54.58	55.00	14.86	57.27	10.36	2.26	9.31	1.30	7.23	1.47	3.92	0.54	3.92	0.47	43.30	266		
BRRAB026	16	18	2	Siltstone	65.83	44.33	10.95	42.11	7.97	1.73	7.13	1.04	6.46	1.28	3.68	0.53	3.50	0.49	42.16	239		

JORC Code, 2012 Edition – Table 1 report

Section 1 Sampling Techniques and Data

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

Criteria	JORC Code explanation	Commentary
Sampling techniques	• *Nature and quality of sampling (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.*	**Pit Sampling** Two phases of exploration pits were excavated and sampled on the Project. All pits were hand dug to a depth that was safe for mapping and sampling. <u>2012 Pits</u> 48 pits excavated with depths ranging between 8 metres and 10 metres. Channel samples taken from pit wall at specific points or intervals determined by geological observation. 73 samples collected for assay and submitted to ALS Chemex for sample preparation and REE analysis. 5 samples sent to the Toronto Aqueous Research Laboratory at the University of Toronto for leachability tests. <u>2016 Pits</u> 11 pits excavated with depths ranging between 5.30 metres and 10.25 metres. Samples collected from channels dug on each side of the rectangular shaped pit. Samples collected based on material type (soil, laterite and clay) with a maximum of 2 metres channel length per sample. Samples homogenised by material type for each pit. 41 samples submitted to ALS Chemex for sample preparation and REE analysis. 2 samples sent to SGS Laboratory Toronto for leachability tests.

Criteria	JORC Code explanation	Commentary
		Rotary Air Blast (RAB) Drilling RAB drill cuttings collected by a specifically designed sample collection tray at the collar of the hole for each measured 1 metre of drill advance. All (100%) of collected sample transferred from tray to individually numbered plastic bag. **Diamond Core Drilling** Drill core was collected from a core barrel and placed in appropriately marked core trays. Down hole core run depths were measured and marked with core blocks. Following geological logging and sample interval selection the core was cut in half using a brick saw and half core subsequently sampled. The half core sample was submitted for standard sample preparation and REE analysis at ALS Chemex.
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).*	**RAB Drilling** 109 open hole rotary air blast (RAB) vertical drill holes have been completed for 2,043 metres with a minimum hole depth of 10 metres and maximum of 33 metres. Hole diameter was 10.16cm (4 inch) **Diamond Core Drilling** One (1) vertical NQ core diamond drill hole was drilled to a depth of 102 metres. Triple tube was not used. The core was not oriented (vertical)
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*	**RAB Drilling**. Individual samples were weighed at the drill rig with sample mass ranging from 0.12kg/m to 12.2kg/m. RAB drill hole diameter was 10.16cm (4 inch). Based on this drill hole diameter and an assumed wet bulk density of 1.7 t/m^3 the sample

Criteria	JORC Code explanation	Commentary
	loss/gain of fine/coarse material.	recovery ranges from 1% to 89% with an average of 30%. The mode sample recovery is 36%. The drilling encountered intervals of sticky clays which caused loss of sample return. Where these were intersected the hole was flushed out and this material was discarded to minimise contamination. Evaluation of REE assay grade versus primary sample recovery shows no statistically significant relationship. **Diamond Drilling** Core recovery was calculated by measuring actual core length versus drillers core run lengths. Core recovery ranged from 93% to 100% and averaged 97%.
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 (100%) of RAB chips and drill core were geologically logged. Logging is qualitative with description of colour, weathering status, alteration, major and minor rock types, texture, grain size and comments added where further observation is made. Additional non-geological qualitative logging includes comments for sample recovery, humidity, and hardness for each logged interval.
Sub-sampling techniques and sample preparation	• *If core, whether cut or sawn and whether quarter, half or all core taken.* • *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* • *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* • *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* • *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.*	**RAB Drilling** Sample collected by a tray at the collar of the hole for each 1 metre of drill advance. All (100%) of collected sample transferred from tray to individually numbered plastic bag. Samples were individually weighed with weights recorded. Samples were tipped into a basin and homogenised by hand. A subsample was extracted by hand to a weight of 1 kg and separately bagged in a uniquely numbered sample bag corresponding to the primary drill sample number.

Criteria	JORC Code explanation	Commentary
		Where it was thought there was geological continuity between adjoining intervals, a composite 1kg sample was made from the individual samples up to a maximum of 3 metres. Samples weighing 1kg sent for analysis (either individual 1 metre or composites). Duplicate field samples were collected at a ratio of 1:33 primary samples. The duplicates were selected from the same homogenised primary sample and generally to the same weight as the original sample. RAB drilling intervals are qualitatively logged as being either “dry”, “moist” or “wet”. Sampling method was not varied for the corresponding wet or dry sample condition. The primary tray sampling method applied for RAB drilling is an industry standard technique for this style of drilling and early project evaluation stage. The homogenisation of samples followed by grab sampling is acceptable for this stage of the evaluation. No analysis was conducted to determine grain size versus sample size sampling due to the fine grained nature of the clay material host. The sample mass selected for analysis is an acceptable mass for this stage of evaluation. **Diamond Drill Core** Drill core was cut in half using a brick saw. Half core was subsequently sampled based on geological intervals. Samples were placed in individually numbered bags. Sample weights were recorded prior to sample dispatch.
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*	**Assay and Laboratory Procedures – All Samples** Samples were prepared at the ALS Chemex Mwanza, Tanzania or Johannesburg, South Africa laboratories using the following protocol:

Criteria	JORC Code explanation	Commentary

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.*

ALS Code	**Description**
WEI-21	Received sample weight
LOG-24	Pulp Login- RCD w/o Barcode
LOG-22	Sample Login w/o Barcode
CRU-31	Fine crushing – 70% <2mm
SPL-21	Split sample – riffle splitter
PUL-31	Pulverise split to 85%<75um
CRU-QC	Crushing QC Test
PUL-QC	Pulverising QC test

Sample pulps were shipped to ALS Chemex Vancouver, Canada for analysis.

Assay technique used for REE was Lithium Borate Fusion ICP-MS (ALS code ME-MS81). This is a recognised industry standard analysis technique for REE suite and associated elements. Elements analysed at ppm levels:

Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga
Gd	Hf	Ho	La	Lu	Nb	Nd	Pr
Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm
U	V	W	Y	Yb	Zr		

Analysis for scandium (Sc) was by Lithium Borate Fusion ICP-AES (ALS code Sc-ICP06).

Criteria	JORC Code explanation	Commentary

Diamond drill core samples were also analysed for Whole Rock Package ALS code ME-ICP06 (below) and OA-GRA05 (LOI%)

SiO_2%	Al_2O_3%	Fe_2O_3%	CaO%	MgO%
Na_2O%	K_2O%	Cr_2O_3%	TiO_2%	MnO%
P_2O_5%	SrO%	BaO%		

The sample preparation and assay techniques used are industry standard and provide a total analysis.

All laboratories used are ISO 17025 accredited

QAQC

Pit Samples

- Analytical Standards

2012 pit sampling used no external standards

2016 pit sampling included two (2) samples of external certified reference material (CRM) OREAS0146. The standards returned results consistent with the certified values.

Laboratory inserted standards were analysed as per industry standard practice with all pit sample assay batches

- Blanks

2012 pit sampling did not use external blanks

2016 pit sampling included one (1) CRM blank, OREAS22e. This blank is certified to contain some REE, with elements Er, Eu, Lu and Tm present in small quantities. The analysis results were consistent with the certified values for this blank.

Laboratory inserted blanks were analysed as per industry standard practice with all pit sample assay batches.

- Duplicate samples

Criteria	JORC Code explanation	Commentary
		2012 pit sampling did not include any field blanks. 2016 pit sampling included one (1) field duplicate. The duplicate returned values consistent with the original sample. Laboratory inserted duplicate analysis was conducted as per industry standard practice with all pit sample assay batches. • No evidence of bias is seen in the pit sample QAQC results. <u>RAB Drilling Samples</u> • Analytical Standards CRM OREAS460 included in sample batches at a ratio of 1:33 to drill samples submitted. This is an acceptable ratio. The assay results for the standards were consistent with the certified levels of accuracy and precision and no bias is evident. • Blanks CRM blanks OREAS22d and OREAS22e were included in sample batches at a ratio of 1:33 to drill samples submitted for analysis. This is an acceptable ratio. Both CRM blanks contain some REE, with elements Er, Eu, Lu and Tm present in small quantities. The analysis results were consistent with the certified values for this blank. No laboratory contamination or bias is evident from these results. • Duplicates Field duplicates were collected by selecting two (2) samples of identical weight from the homogenised drill cuttings. Samples were given unique numbers consistent with the sampling number string. A total of 34 field duplicates were submitted for analysis. These were evenly distributed through the submitted samples at a ratio of 1:33 to drill samples submitted. This is an acceptable ratio. • No evidence of bias is seen in the RAB drilling QAQC results.

<table>
<tr><th>Criteria</th><th>JORC Code explanation</th><th>Commentary</th></tr>
<tr><td></td><td></td><td><u>Diamond Drill Core Samples</u>

Laboratory inserted standards, blanks and duplicates were analysed as per industry standard practice. There is no evidence of bias from these results.</td></tr>
<tr><td>Verification of sampling and assaying</td><td>• The verification of significant intersections by either independent or alternative company personnel.
• The use of twinned holes.
• Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.
• Discuss any adjustment to assay data.</td><td>No independent verification of significant intersection undertaken.

No twinning of drill holes was undertaken.

Sampling protocols for pit and RAB sampling were documented in report form. No procedures for sampling or data storage and management were compiled.

Data were collected in the field by hand and/or entered directly to Excel spreadsheet. Data are compiled and stored in Access database or Excel spreadsheet.

Assay data was received in digital format from the laboratory and merged with the sampling data into the Access database or Excel spreadsheet format.

Data validation of assay data and sampling data have been conducted to ensure data entry is correct.

All assay data is received from the laboratory in element form is unadjusted for data entry.

Conversion of elemental analysis (REE) to stoichiometric oxide (REO) was undertaken by spreadsheet using defined conversion factors.(Source:https://www.jcu.edu.au/advanced-analytical-centre/services-and-resources/resources-and-extras/element-to-stoichiometric-oxide-conversion-factors)
<table>
<tr><th>Element ppm</th><th>Conversion Factor</th><th>Oxide Form</th></tr>
<tr><td>Ce</td><td>1.1713</td><td>Ce_2O_3</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>
</table>
</td></tr>
</table>

Criteria	JORC Code explanation	Commentary

Gd	1.1526	Gd_2O_3
Ho	1.1455	Ho_2O_3
La	1.1728	La_2O_3
Lu	1.1371	Lu_2O_3
Nd	1.1664	Nd_2O_3
Pr	1.1703	Pr_2O_3
Sm	1.1596	Sm_2O_3
Tb	1.151	Tb_2O_3
Tm	1.1421	Tm_2O_3
Y	1.2699	Y_2O_3
Yb	1.1387	Yb_2O_3

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

TREO (Total Rare Earth Oxide) = $La_2O_3 + Ce_2O_3 + Pr_2O_3 + Nd_2O_3 + Sm_2O_3 + Eu_2O_3 + Gd_2O_3 + Tb_2O_3 + Dy_2O_3 + Ho_2O_3 + Er_2O_3 + Tm_2O_3 + Yb_2O_3 + Y_2O_3 + Lu_2O_3$.

Note that Y_2O_3 is included in the TREO calculation.

HREO (Heavy Rare Earth Oxide) = $Sm_2O_3 + Eu_2O_3 + Gd_2O_3 + Tb_2O_3 + Dy_2O_3 + Ho_2O_3 + Er_2O_3 + Tm_2O_3 + Yb_2O_3$, + $Y_2O_3 + Lu_2O_3$

CREO (Critical Rare Earth Oxide) = $Nd_2O_3 + Eu_2O_3 + Tb_2O_3 + Dy_2O_3 + Y_2O_3$

LREO (Light Rare Earth Oxide) = $La_2O_3 + Ce_2O_3 + Pr_2O_3 + Nd_2O_3$

Criteria	JORC Code explanation	Commentary
		HREO% of TREO= HREO/TREO x 100 In elemental form the classifications are: TREE: La+Ce+Pr+Nd+Sm+Eu+Gd+Tb+Dy+Ho+Er+Tm+Yb+Lu+Y CREE: Nd+Eu+Tb+Dy+Y LREE: La+Ce+Pr+Nd
Location of data points	• *Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.* • *Specification of the grid system used.* • *Quality and adequacy of topographic control.*	RAB and diamond drill hole collar locations were surveyed using handheld GPS. For this type of instrument, the general accuracy in x and y coordinates is ± 5m. The elevation component of coordinates is variable and may be low using this type of device. Datum WGS84 Zone 36 North was used for location data collection and storage. This is the appropriate datum for the project area. No grid transformations were applied to the data. No downhole surveys were conducted. Detailed topographic data was not sourced or used.
Data spacing and distribution	• *Data spacing for reporting of Exploration Results.* • *Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.* • *Whether sample compositing has been applied.*	2012 pits were excavated between 500 and 600 metres apart. Some closer pits are approximately 140 metres apart. 2016 pits were excavated at variable spacing between each pit; ranging from a minimum of 400 metres to 1.5 kilometres. RAB drilling was drilled nominally on a 400 metre x 400 metre spacing. There is some variability in hole spacing. The closest hole spacing between two holes is 85 metres. There are no resource estimates made with these data. The data spacing is adequate to determine the general geological components of the Project and for input to an exploration target for the Project. Sample compositing was applied at the field sampling stage for RAB drilling samples, where it was thought there was geological consistency between contiguous 1 drill mere intervals. A composite 1kg sample was made from the individual samples over 2- 3 metres

Criteria	JORC Code explanation	Commentary
Orientation of data in relation to geological structure	• *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* • *If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.*	The Makuutu mineralisation is interpreted to be in a flat lying weathered profile including cover soil, lateritic hard-pan, clays transitioning to saprolite and saprock. Below the saprock are fresh shales and mudstones. Pit mapping and diamond drilling indicate the mineralised regolith to be generally horizontal. Distribution of REE within this profile was determined in detail All drill holes and pits are vertical which is appropriate for horizontal bedding and regolith profile.
Sample security	• *The measures taken to ensure sample security.*	After collection, the samples were dispatched by road freight to either Mwanza, Tanzania or Johannesburg, South Africa for preparation. No specific security measures are known. Prepared sample pulps were transported to Vancouver by airfreight under the guidance of ALS Chemex. No specific security measures are known.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	No audits or reviews have been undertaken