

Jupiter Drilling delivers record intersection of 48 metres @ 3,025 ppm TREO

The Board of Venture Minerals (ASX: VMS) is pleased to announce the first batch of assay results from the recently completed Stage One Resource definition drill program (See Figure 1) at the large-scale, clay hosted Jupiter Rare Earths prospect in the Mid-West region of Western Australia. **The headline result is the highest grade, clay hosted REE intersection in Australia.**

Highlights

- Record intersection of **48 metres (m) @ 3,025 ppm TREO¹** in BRRC 071.
- Very high-grade results in BRRC 031 & 074 including **assays up to 10,266 ppm & 20,538 ppm TREO** respectively.
- Consistent high-grade zones of 20-30 m widths over 2,000 ppm TREO in 96% of holes.
- High grade zones sit within broader zones up to 60 m grading well over 1,000 ppm TREO.
- Results include **high grades of Magnet Rare Earth Oxides (MREO²)** up to:
 - **3,288 ppm Nd₂O₃ (Neodymium)**
 - **788 ppm Pr₆O₁₁ (Praseodymium)**
 - **674 ppm Dy₂O₃ (Dysprosium)**
 - **101 ppm Tb₂O₃ (Terbium).**
- Extremely low Thorium and Uranium.
- Results validate geophysics and cover only a fraction of the 40 km² target (See Figures 1,3 & 4).
- Assay results pending on remaining 57 holes.

Table One: Jupiter Drill Intersection Highlights (See Figure 1 and Tables 2 & 3 for full details)

Hole No.	Intersection(m)	TREO (ppm)	including
BRAC061	28	1,849	
BRRC031	30	3,142	12 m @ 4,673 ppm and 2 m @ 10,266 ppm
BRRC032	32	1,637	14 m @ 2,313 ppm
BRRC034	60	1,487	4 m @ 2,046 ppm
BRRC069	42	1,839	28 m @ 2,067 ppm
BRRC071	48	3,052	
BRRC072	50	1,722	20 m @ 2,519 ppm
BRRC074	16	5,399	2 m @ 20,538 ppm
BRRC078	56	1,607	24 m @ 2,060 ppm

Venture's Managing Director commented,

"These record breaking ultra-high grade REE clay results, for Jupiter, place us well above our peers in terms of both grade and scale. What's incredible is that these results are not isolated. They confirm consistent grades over 2,000 ppm TREO in broad widths of 20-30 meters in 96% of the holes and that is sitting within zones of around 60 m over 1,000 ppm TREO."

"We have lots of news flow to come, with further results pending for our Maiden Resource drill program. This drilling is widely spaced and down the track we will be working on infill drilling with the potential to uncover more impressive grades. Most drilling will be shallow aircore and RC, so its highly cost-effective. Keep in mind that these results cover a small area of our enormous, 40 km² target and you can certainly understand that Jupiter is shaping up to be an incredibly impressive project"

1. TREO represents the sum of 14 Rare Earth Elements excluding Promethium plus Yttrium expressed as oxides.
2. MREO represents the sum of the Neodymium, Praseodymium, Dysprosium and Terbium expressed as oxides.

Figure 1 | Jupiter 40 km² target with drill hole locations and significant intersections on Bouguer gravity 2.67 anomaly as defined by recent high resolution ground gravity surveying. RED outline labels for drill intersections from the Stage One Resource Drilling, BLUE outline labels for drill intersections from the previous drill programs.

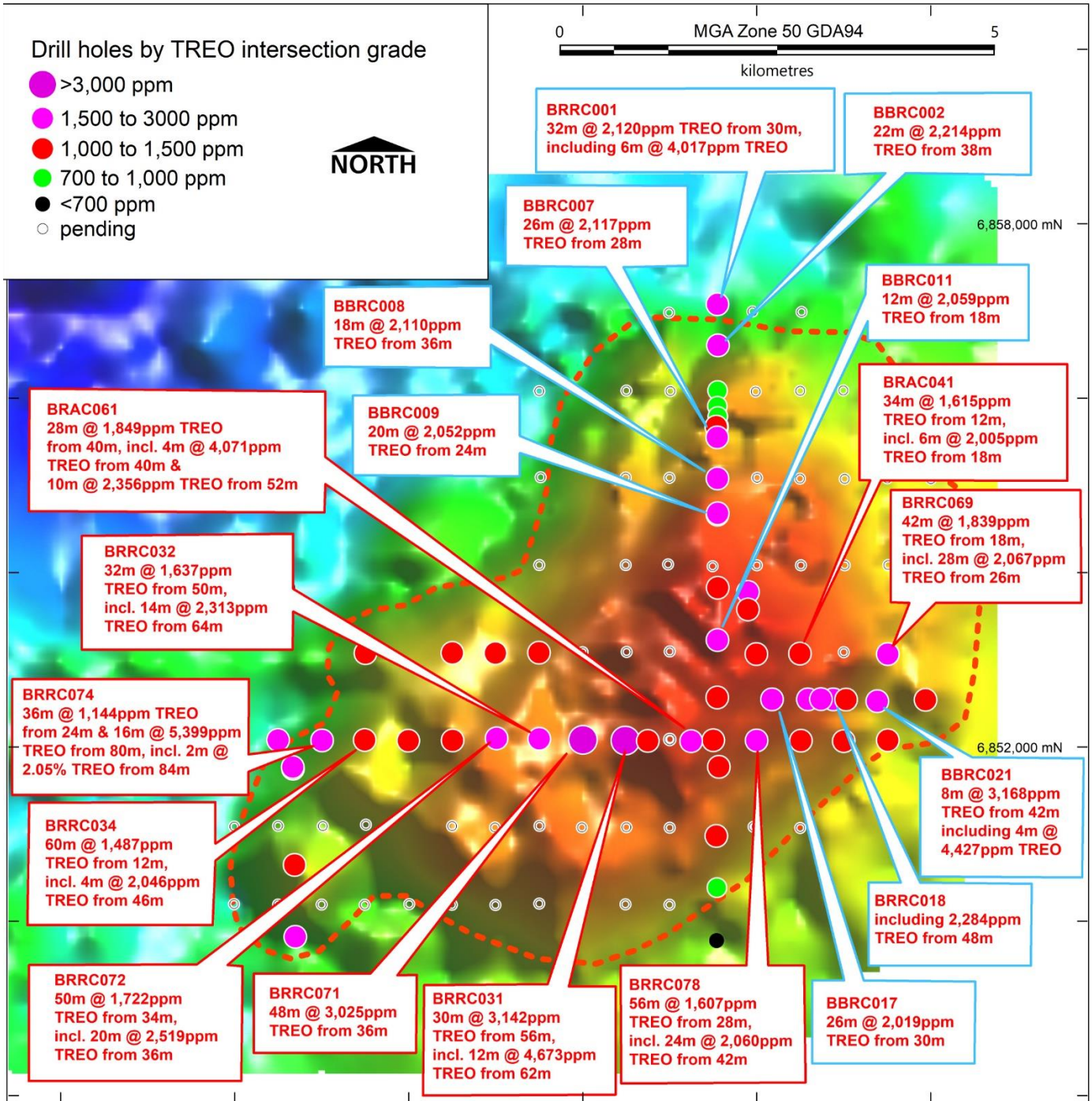
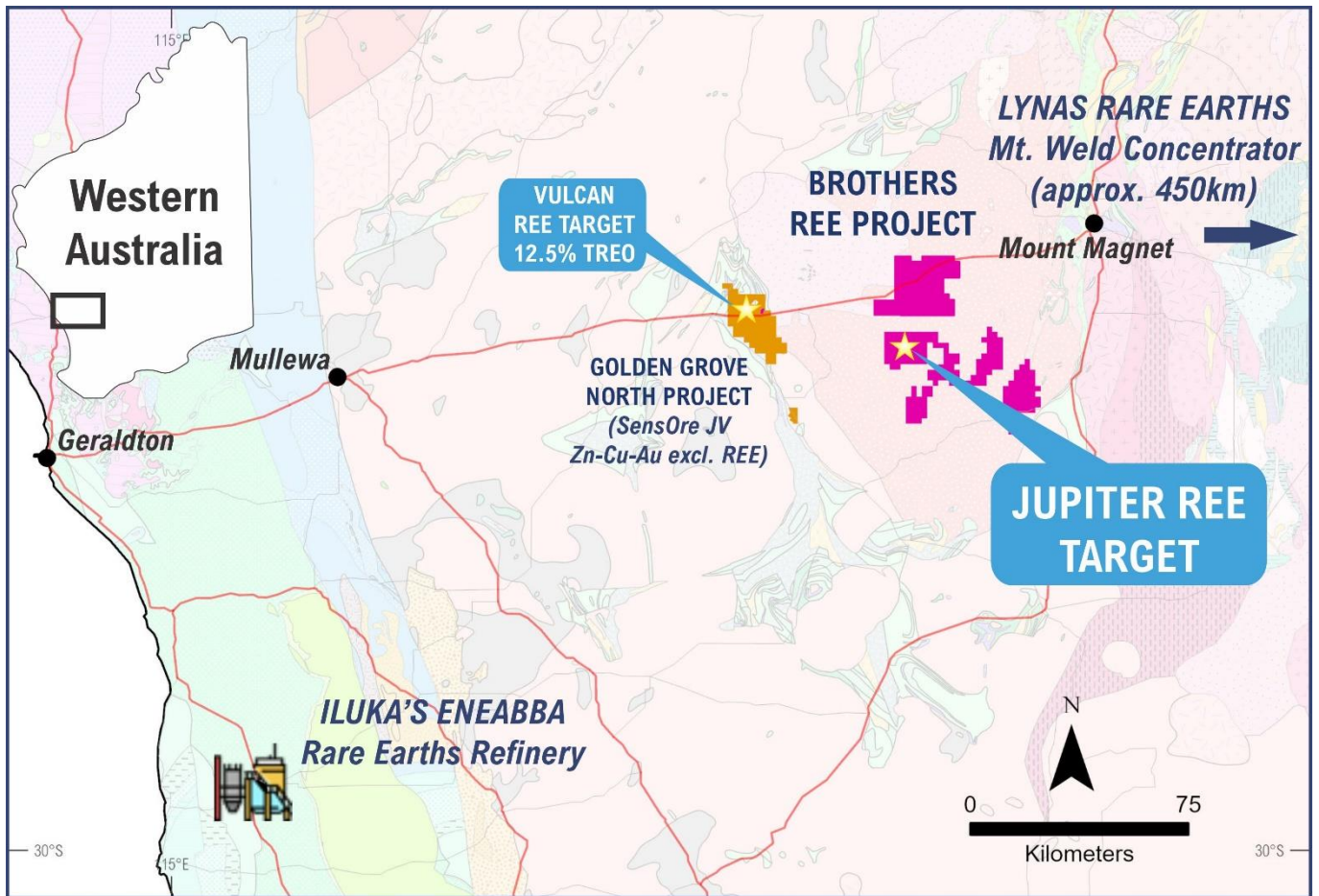


Figure 2 | Location Map of the Brothers REE Project with the Jupiter Target, in Western Australia



Venture Minerals Limited (ASX code: VMS) (“Venture” or the “Company”) is pleased to announce the first batch of assay results from the recently completed Stage One Resource definition drill program at the large-scale, clay hosted Jupiter Rare Earths Elements (“REE”) prospect at the Brothers Project located in the Mid-West region of Western Australia. The results validate geophysics and cover only a fraction of the 40 km² Jupiter target.

The headline result of 48 m @ 3,025 ppm TREO in BRRC 71 is the highest grade, clay hosted REE intersection in Australia. In addition, there are very high-grade results in both BRRC 031 & 074 including assays up to 10,266 ppm & 20,538 ppm TREO respectively, with the latter being one of the highest clay hosted REE assay results in Australia to date.

Assay results for 23 of the 24 (96%) drill holes received, again returned consistent 20-30 m widths of REE mineralisation grading over 2,000 ppm TREO within broader zones up to 60 m grading well over 1,000 ppm TREO with extremely low levels of Thorium and Uranium. These results are very similar to the results announced in the previous drill program of 25 RC drill holes at Jupiter (Refer to ASX announcement 29 November 2023).

The MREO assays received include several over 1,000 ppm Nd₂O₃ (Neodymium) up to 3,288 ppm, and several over 300 ppm Pr₆O₁₁ (Praseodymium) up to 788 ppm, and a several over 50 ppm Dy₂O₃ (Dysprosium) up to 674 ppm, and several over 10 ppm Tb₂O₃ (Terbium) up to 101 ppm.

There are 57 drill holes worth of assays pending from the two outstanding batches from the Stage One Resource definition drill program which was completed late last year with a revised total 81 holes drilled for 5,074 m on a 1000 m x 500 m spaced pattern across the 40 km² target. The final drill program

consisted of 29 Aircore (“AC”) drill holes completed for 1,825 m and 52 Reverse Circulation (“RC”) holes completed for 3,249 m.

The Brothers Project (including the Jupiter prospect) is well located in regional Western Australia (*Refer to Figure 2*) away from any significant population centres but close to infrastructure with a nearby bitumen highway and gas pipeline on route to the major port of Geraldton 300 km away. Brothers is also only ~250 km from Iluka’s Eneabba Rare Earths Refinery to be in production in 2025 (*Refer to ASX: ILU announcement “Eneabba Rare Earths Refinery – Final Investment Decision” 3 April 2022*) and only ~520 km from Lynas Rare Earths currently operating Mount Weld Concentrator.

As part of Iluka Resources Limited’s decision to build the Eneabba Rare Earths Refinery it had reached an agreement of a risk sharing arrangement with the Australian Government, including a non-recourse loan of \$1,050 million plus a \$200 million cost overrun facility under the Australian Government’s \$2 billion Critical Minerals Facility, administered by Export Finance Australia. Iluka’s close collaboration with the Australian Government reflects the alignment of their commercial objectives for its rare earths business with the Commonwealth’s Critical Minerals Strategy.

Lynas is currently commissioning its new Rare Earths Processing Facility in Kalgoorlie, on 22 July 2021, it announced that it was awarded a \$14.8 million grant as part of the Australian government’s Modern Manufacturing Initiative’s Manufacturing Translation Stream for Resources Technology and Critical Minerals Processing. The grant was given to enable Lynas to commercialise an industry-first Rare Earth carbonate refining process. In addition, Lynas announced on the 3 August 2022 an ~\$500m project to expand capacity at the Mount Weld mine and concentration plant to meet accelerating market demand for rare earth materials. The combined project clearly supports the Australian Government’s Critical Minerals Strategy and the Western Australian Government’s Battery and Critical Minerals Strategy.

The substantial co-investment by two of Australia’s major mining companies with the Australian Government into the Rare Earths industry within the same region of Western Australia that Venture’s Brothers Project sits put it in an enviable position and provides the Company with significant commercial advantages should the project move towards development.

Depending on assay results from the rest of the Stage One Resource definition drill program and mineralogical and metallurgical testwork, a follow-up Stage Two Resource definition drill program is planned at Jupiter with slimline RC drilling and possible AC drilling depending on drilling conditions and rig availability.

Figure 3 | Venture Mineral’s Brothers Project combined tenure (granted) on regional geology with total magnetic intensity image highlighting large interpreted alkaline intrusion and clay hosted REE mineralisation at the Jupiter target.

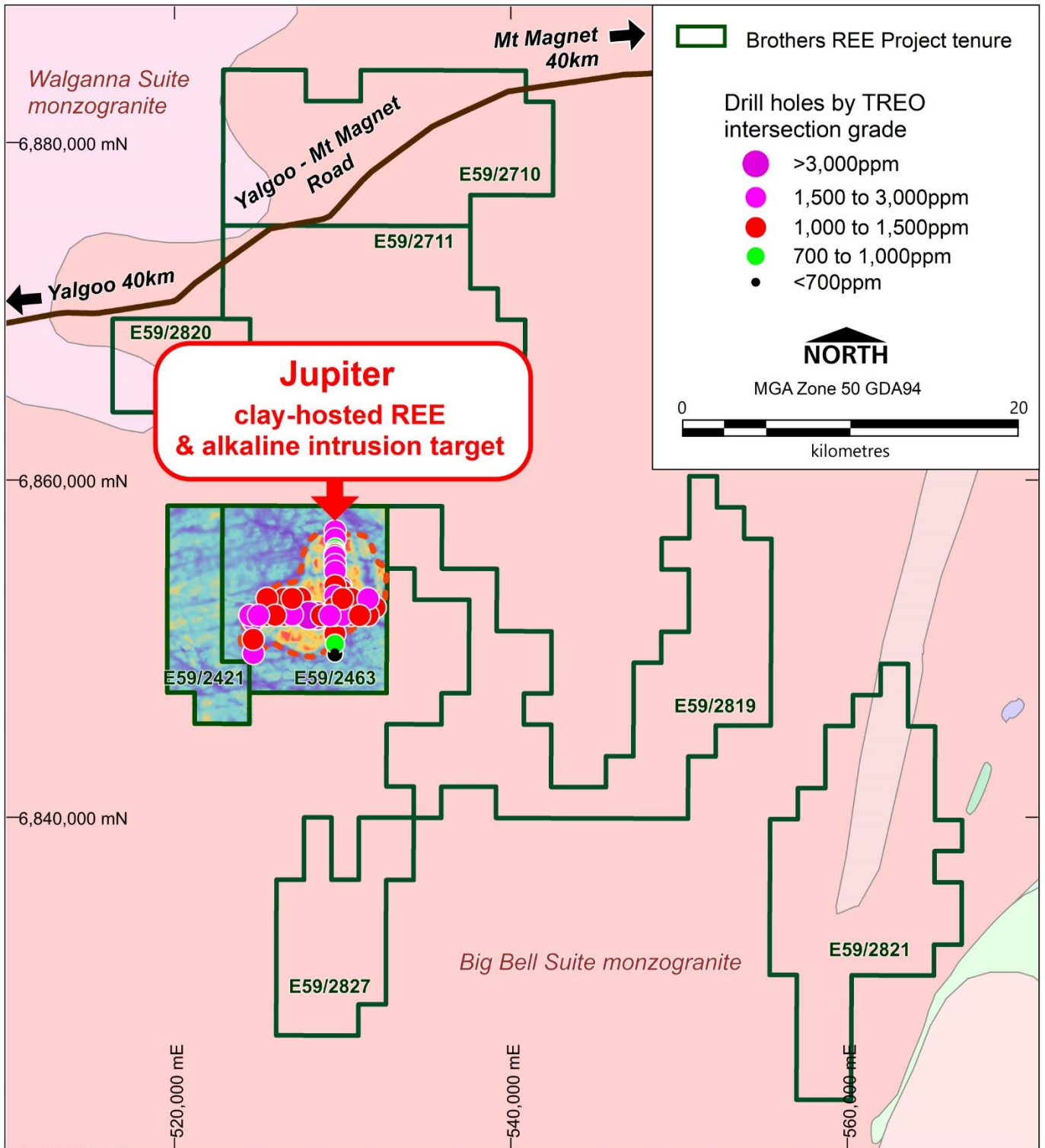
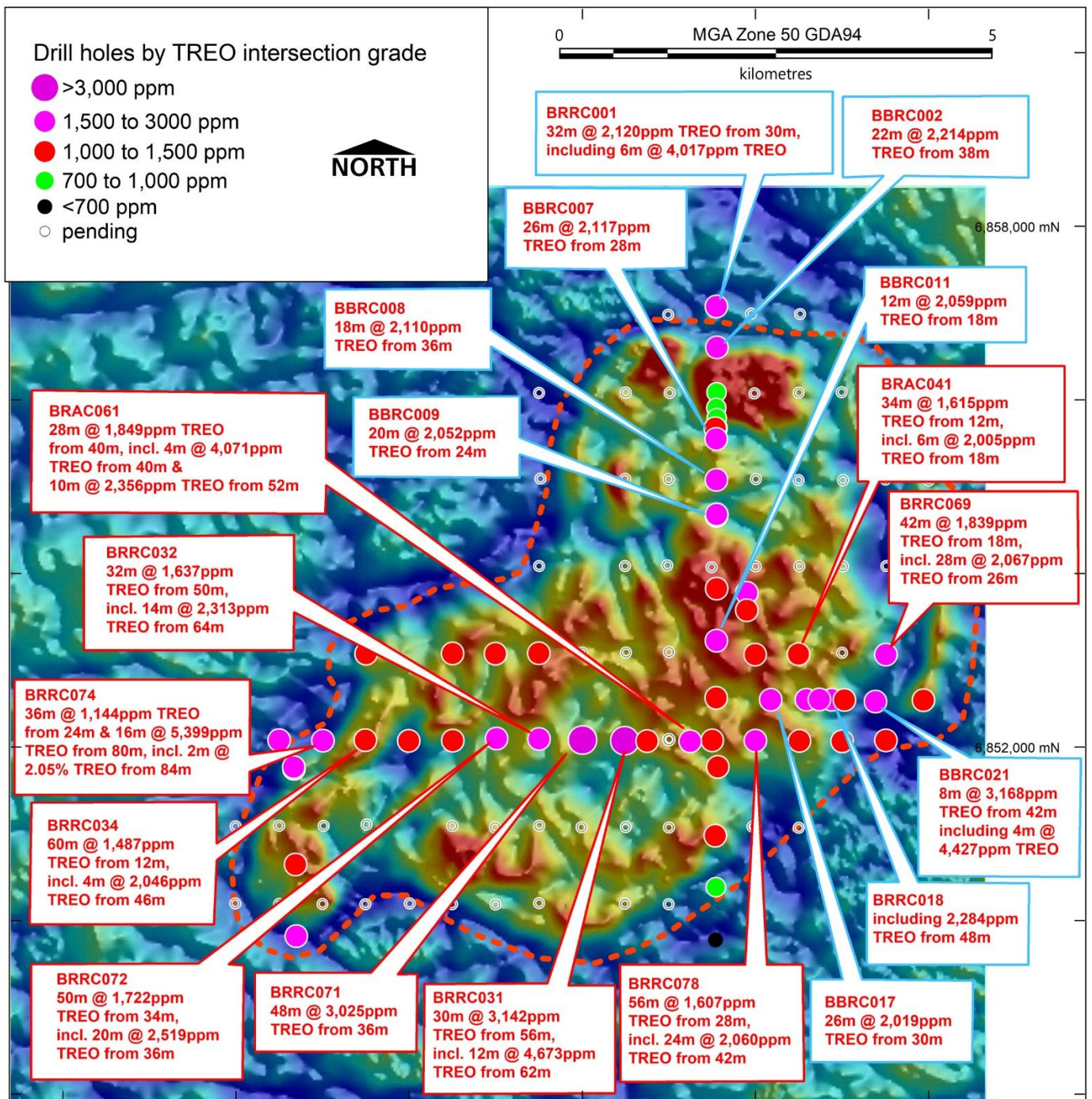


Figure 4 | Jupiter drill hole locations and significant intersections on total magnetic intensity (reduced to pole, NE sun) anomaly as defined by recent high resolution drone magnetic surveying. RED outline labels for drill intersections from the Stage One Resource Drilling, BLUE outline labels for drill intersections from the previous drill programs.



Authorised by the Managing Director on behalf of the Board of Venture Minerals Limited.

Yours sincerely



Andrew Radonjic
Managing Director

The information in this report that relates to Exploration Results, Exploration Targets and Minerals Resources is based on information compiled by Mr Andrew Radonjic, a fulltime employee of the company and who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Andrew Radonjic has sufficient experience which is relevant to the style of mineralisation and type of deposits under consideration and to the activity which he is undertaking 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'. Mr Andrew Radonjic consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

About Venture Minerals

Venture Minerals Ltd (ASX: VMS) has made a recent discovery at the Brothers REE Project including the Jupiter Clay Hosted Rare Earths Prospect. The Brothers Project includes the Iron Duke JV which hosts the Jupiter Prospect and is a potentially significant REE clay hosted discovery near Yalgoo in Western Australia. Brothers is well located to significant infrastructure including the port of Geraldton, Iluka's Eneabba Rare Earths Refinery and Lynas Rare Earths currently operating Mount Weld Concentrator. The Mount Lindsay Tin-Tungsten Project in northwest Tasmania, already one of the world's largest undeveloped Tin-Tungsten deposits. With the recognition of Tin as a fundamental metal to the battery revolution and Tungsten being a critical mineral, Venture has commenced an Underground Feasibility Study on Mount Lindsay that will leverage off the previously completed open-pit feasibility work, and recently included additional, potential large-scale quantities of tin and boron within the current resource base, and extensively throughout the greater Mount Lindsay skarn system. The tin-borates have not previously been assessed in any mining studies. Borate minerals contain a large amount of Boron, a critical mineral in the solar panel industry. At the neighbouring Riley Iron Ore Mine, the mine is prepared for a quick restart should the market conditions become favourable. In Western Australia, Chalice Mining (ASX: CHN) recently committed to the second stage of the JV which requires a further \$2.5 million of expenditure over the next two years to earn a further 19% interest (for a total of 70%) in Venture's South West Project. At the Company's Golden Grove North Project, SensOre (ASX: S3N) is farming in whilst Venture retains the REE rights, the earn-in includes drilling of the Vulcan High Grade REE Target. SensOre's proprietary AI technology has already highlighted lithium and copper exploration potential at Golden Grove North. The Company has a significant Nickel-Copper-PGE landholding at Kulin with two highly prospective 20-kilometre-long Ni-Cu-PGE targets within the Kulin Project, whilst recent exploration has identified clay hosted REE targets.

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Table Two: Jupiter Stage One Resource Drilling hole locations and significant intersections.

Hole No.	East MGA Zone 50 GDA94 m	North MGA Zone 50 GDA94 m	EOH m	From m	To m	Interval m	TREO ppm	MREO ppm	MREO/ TREO	Pr ₆ O ₁₁ ppm	Nd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm
BRAC040	526996	6853100	89	24	54	30	1348	304	23%	69	223	2	11
BRAC041*	529995	6853089	52	12	46	34	1615	423	26%	83	317	4	20
Including*				18	24	6	2005	533	27%	110	403	4	17
BRAC042	530999	6853101	50			0	pending						
BRAC043	530001	6854098	84			0	pending						
BRAC044	531010	6854098	76			0	pending						
BRAC045	531998	6854101	79			0	pending						
BRAC046	530004	6855103	54			0	pending						
BRAC047	531012	6855089	57			0	pending						
BRAC048	532002	6855087	53			0	pending						
BRAC049	529989	6856091	21			0	pending						
BRAC050	530994	6856105	66			0	pending						
BRAC051	523996	6851101	74			0	pending						
BRAC052	525013	6851108	65			0	pending						
BRAC053	526991	6851091	75			0	pending						
BRAC054	527989	6851092	76			0	pending						
BRAC055	529000	6851089	59			0	pending						
BRAC056	530000	6851100	36			0	pending						
BRAC056A	529965	6851100	68			0	pending						
BRAC057	528997	6850205	73			0	pending						
BRAC058	526005	6850212	72			0	pending						
BRAC059	523992	6850213	96			0	pending						
BRAC060	528748	6852092	70	42	64	22	1444	345	24%	73	257	3	13
BRAC061	529247	6852089	69	40	68	28	1849	354	19%	83	263	2	7
including				40	44	4	4071	748	18%	178	556	3	11
and				52	62	10	2356	452	19%	104	337	2	10
BRAC062	528981	6854110	40			0	pending						
BRAC063	529492	6854087	55			0	pending						
BRAC064	528996	6855102	66			0	pending						
BRAC065	529007	6856095	56			0	pending						
BRAC066	528993	6856997	33			0	pending						
BRAC067	529951	6857010	61			0	pending						
BRR030	529501	6852101	76	36	72	36	1243	252	20%	274	186	2	8
including				42	50	8	2448	409	17%	92	301	3	14
BRR031	528490	6852100	87	56	86	30	3142	810	26%	175	611	4	20
including				62	74	12	4673	1355	29%	293	1024	7	32
BRR032	527501	6852118	82	50	82	32	1637	405	25%	87	305	2	12
including				64	78	14	2313	602	26%	126	455	4	18
BRR033	526504	6852099	52	26	34	8	1252	260	21%	61	190	1	8
and				48	52	4	1344	426	32%	81	321	4	21
BRR034	525494	6852102	72	12	72	60	1487	350	24%	76	261	2	12
including				46	50	4	2046	427	21%	91	319	3	13
BRR035	524498	6852103	54	36	48	12	1621	346	21%	80	252	2	11
including				40	46	6	2215	475	21%	109	348	3	15
BRR036	530508	6852096	65	34	60	26	1416	260	18%	60	190	2	8
including				54	60	6	2843	361	13%	76	269	3	13
BRR037	531506	6852101	77	60	76	16	1046	203	19%	47	148	1	7
BRR038	530500	6851087	48			0	pending						
BRR039	528501	6851093	36			0	pending						
BRR040	527502	6851110	48			0	pending						
BRR041	526498	6851108	58			0	pending						
BRR042	525507	6851123	36			0	pending						
BRR043	524499	6851111	89			0	pending						

Hole No.	East MGA Zone 50 GDA94 m	North MGA Zone 50 GDA94 m	EOH m	From m	To m	Interval m	TREO ppm	MREO ppm	MREO/ TREO	Pr ₆ O ₁₁ ppm	Nd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm
BRR044	523505	6851104	40			0	pending						
BRR045	528491	6850211	72			0	pending						
BRR046	527500	6850217	72			0	pending						
BRR047	526497	6850204	73			0	pending						
BRR048	525494	6850205	72			0	pending						
BRR049	524499	6850208	26			0	pending						
BRR050	528505	6853106	78			0	pending						
BRR051	527498	6853106	90	48	90	42	1161	244	21%	55	181	2	7
including				58	62	4	2031	458	23%	102	341	3	12
BRR052*	526502	6853102	76	30	60	30	1069	228	21%	45	169	2	12
Including*				42	46	4	2130	356	17%	64	266	4	22
BRR053	525503	6853100	48	28	30	2	1154	253	22%	64	183	1	6
BRR054	528494	6854100	53			0	pending						
BRR055	527500	6854101	67			0	pending						
BRR056	526511	6854107	40			0	pending						
BRR057	528495	6855106	23			0	pending						
BRR058	527516	6855109	57			0	pending						
BRR059	528501	6856101	46			0	pending						
BRR060	527499	6856097	54			0	pending						
BRR061	530516	6857003	31			0	pending						
BRR062	530499	6856100	59			0	pending						
BRR063	531499	6856105	39			0	pending						
BRR064	530497	6855092	43			0	pending						
BRR065	531501	6855097	67			0	pending						
BRR066	530508	6854098	46			0	pending						
BRR067	531513	6854102	94			0	pending						
BRR068	530496	6853095	61	24	48	24	1265	302	24%	62	226	2	11
BRR069	531507	6853089	77	18	60	42	1839	493	27%	104	366	4	18
including				26	54	28	2067	538	26%	116	400	4	19
BRR070	529002	6852104	46				pending						
BRR071	528003	6852109	85	36	84	48	3025	706	23%	155	533	3	15
BRR072	527011	6852121	91	34	84	50	1722	409	24%	86	303	3	16
including				36	56	20	2519	570	23%	124	423	4	20
BRR073	525996	6852095	84	54	66	12	1092	237	22%	59	173	1	4
BRR074*	525004	6852097	99	24	60	36	1144	274	24%	61	203	2	9
and				80	96	16	5399	1350	25%	230	942	24	154
including				84	86	2	20538	4805	23%	742	3288	101	674
BRR075	528002	6850211	77			0	pending						
BRR076	526997	6850201	67			0	pending						
BRR077	524998	6850207	40			0	pending						
BRR078	530000	6852099	96	28	84	56	1607	367	23%	82	273	2	10
including				42	66	24	2060	511	25%	111	384	3	14
BRR079	531001	6852090	41	26	30	4	1162	273	23%	57	194	2	19
BRR080	529000	6853109	72			0	pending						
BRR081	527999	6853103	66			0	pending						

Notes: All co-ordinates MGA Zone 50 GDA94, all holes vertical.

TREO represents the sum of 14 Rare Earth Elements excluding Promethium plus Yttrium expressed as oxides. MREO represents the sum of the Neodymium, Praseodymium, Dysprosium and Terbium expressed as oxides See Table Three for complete REE assay listing.

All are made up of 2 m composite sample results except those marked as * where a mixture of 2 m and 6 m composite sample results are used.

Table Three: Jupiter Stage One Resource Drilling REE, Th and U assays.

Hole	From m	To m	Interval m	TREO ppm	La ₂ O ₃ ppm	CeO ₂ ppm	Pr ₆ O ₁₁ ppm	Nd ₂ O ₃ ppm	Sm ₂ O ₃ ppm	Eu ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Tb ₂ O ₇ ppm	Dy ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Er ₂ O ₃ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Y ₂ O ₃ ppm	Th ppm	U ppm
BRAC040	24	26	2	828	191.7	346.2	42.52	143.4	22.85	4.31	13.6	1.62	8.26	1.54	3.87	0.46	2.57	0.35	44.9	22	2.57
BRAC040	26	28	2	1182	263.9	494.8	62.81	215.7	31.55	6.01	19.94	2.3	11.65	1.99	5.38	0.59	3.13	0.43	62.8	20.6	1.92
BRAC040	28	30	2	1639	360.1	707.3	85.88	292.6	43.15	8.18	24.9	3.09	14.75	2.67	6.97	0.81	4.38	0.61	84.4	23.6	1.93
BRAC040	30	32	2	1556	338.9	674.1	80.81	276.3	39.9	7.89	24.67	2.83	14.12	2.56	6.28	0.82	4.68	0.59	82.1	23.8	1.64
BRAC040	32	34	2	1498	324.9	676.6	75.74	251.8	36.54	7.17	22.48	2.48	13.14	2.3	6.25	0.68	4.12	0.55	74.1	29.3	1.74
BRAC040	34	36	2	1785	367.1	865.7	83.95	283.3	42.57	7.89	24.32	2.92	14.12	2.33	6.2	0.86	4.97	0.73	78.2	28.8	1.86
BRAC040	36	38	2	1593	340.1	749	75.98	260	38.97	7.51	23.75	2.61	13.2	2.25	5.73	0.69	4.13	0.53	69.2	32.4	2.19
BRAC040	38	40	2	1347	307.3	653.2	63.17	197	29.11	5.88	17.23	1.97	9.68	1.63	4.19	0.47	3.28	0.46	53.4	27	1.8
BRAC040	40	42	2	1401	326	698.7	64.5	198.2	26.68	5.34	15.73	1.83	9.16	1.45	3.7	0.45	2.72	0.39	46.6	32.2	2.06
BRAC040	42	44	2	1587	394.1	741.7	76.1	231.4	32.36	6.97	19.31	2.21	11	1.91	4.74	0.53	3.18	0.47	61.2	36.6	2.13
BRAC040	44	46	2	820	220.5	361	41.79	127	17.69	3.93	10.28	1.15	5.54	0.97	2.33	0.26	1.66	0.26	26.1	36.9	2.27
BRAC040	46	48	2	1848	506.7	679	107.75	355.6	51.73	10	31.13	3.57	16.3	2.7	6.66	0.73	3.74	0.56	72.7	22.9	2.11
BRAC040	48	50	2	1297	341.3	478.9	72.35	239	35.26	6.98	24.44	2.71	13.08	2.2	5.74	0.68	4.02	0.6	69.8	25.9	2.24
BRAC040	50	52	2	906	262.7	380.6	45.78	135.2	19.19	3.84	11.4	1.25	5.95	1.05	2.9	0.3	1.98	0.29	34.1	32.1	1.9
BRAC040	52	54	2	937	300.2	378.2	48.44	135.8	18.03	3.83	10.93	1.15	5.86	0.95	2.35	0.3	1.75	0.22	29.7	69.4	2.08
BRAC041	6	12	6	514	120.2	205.6	27.3	95.1	15.13	3.12	8.77	0.99	4.93	0.92	2.09	0.29	1.71	0.23	27.8	16.9	1.83
BRAC041	12	18	6	1654	319	709.7	86.61	319.4	49.64	11.18	32.74	3.57	16.47	2.92	6.97	0.87	5.13	0.69	89.7	22	2.21
BRAC041	18	24	6	2005	362.4	908.7	109.8	403.4	56.6	12.5	37.12	3.88	16.64	2.8	6.65	0.7	3.89	0.44	79.5	24.2	3.05
BRAC041	24	30	6	1627	248.6	638.5	78.52	327.6	57.53	12.1	37.58	4.32	22.9	4.82	13.94	1.96	12.18	1.37	165.1	21	4.99
BRAC041	30	32	2	1493	248.6	578.3	76.34	317.1	60.08	11.81	38.74	4.16	21.12	3.57	9.81	1.22	7.49	0.96	113.9	22.1	5.78
BRAC041	32	34	2	1544	280.3	648.3	78.15	297.3	54.28	11.13	37.81	4.08	19.74	3.36	8.27	1.03	7.2	0.9	92.5	21.4	5.41
BRAC041	34	36	2	1508	243.9	623.8	77.07	290.3	56.02	11.58	38.39	4.22	21.69	3.82	10.66	1.23	7.81	0.98	117	16.4	4.4
BRAC041	36	38	2	1501	253.3	602.9	75.25	283.3	52.08	11.56	38.62	4.77	23.99	4.2	11.48	1.39	9.27	1.13	128.2	18.2	4.1
BRAC041	38	40	2	1545	224	585.7	71.75	270.5	49.76	10.74	41.04	5.44	30.19	5.93	17.94	2.38	16.17	2.45	211.4	15.9	4.57
BRAC041	40	42	2	1264	214.6	537.8	65.71	240.1	41.87	8.33	27.55	3.21	15.55	2.73	7.66	0.97	5.9	0.95	91.4	16.85	5.16
BRAC041	42	44	2	1330	238.1	564.8	69.09	254.1	43.96	9.25	28.13	3.31	16.81	2.77	7.54	0.94	5.48	0.73	85	16.15	4.37
BRAC041	44	46	2	1413	235.7	589.4	76.22	283.3	47.9	10.05	31.82	3.82	18.48	3.31	8.41	1.03	6.45	0.8	97.2	16.4	4.81
BRAC041	46	48	2	568	95.8	233.9	29.23	107.8	18.9	3.5	13.25	1.54	7.92	1.55	3.98	0.55	2.92	0.42	47.4	20.9	4.39
BRAC041	48	52	4	507	85.2	203.2	24.4	94.2	17.63	3.57	11.76	1.5	7.92	1.44	4.35	0.57	3.82	0.47	47.2	25.3	3.8
BRAC060	42	44	2	1701	343.6	730.6	83.23	294.9	43.96	8.45	29.28	3.69	20.31	3.46	9.34	1.13	6.42	0.81	122.1	28.6	1.8
BRAC060	44	46	2	1437	312	632.4	69.82	244.8	34.91	6.23	21.44	2.54	12.74	2.34	6.13	0.83	4.64	0.77	86.4	25	2.05
BRAC060	46	48	2	1522	336.6	685.2	76.46	263.5	37.81	6.32	22.54	2.45	12.28	2.02	5.76	0.66	4.18	0.52	66.2	26.5	2.58
BRAC060	48	50	2	1243	260.4	545.2	62.93	230.8	33.87	5.87	19.77	2.25	11.2	1.95	4.76	0.6	3.31	0.43	59.8	15.85	2.21
BRAC060	50	52	2	1357	320.2	622.5	66.8	223.8	30.85	5.02	17.29	1.85	9.56	1.61	4.32	0.49	3.14	0.39	49.9	26.4	2.23
BRAC060	52	54	2	1396	308.4	623.8	71.39	248.3	35.03	6.35	20.4	2.24	10.97	1.92	4.75	0.58	3.54	0.46	58.6	19.7	2.15
BRAC060	54	56	2	1252	247.5	541.5	65.23	241.3	39.2	6.31	22.07	2.32	11.7	1.97	5.44	0.57	3.96	0.45	62.6	12.1	2.04
BRAC060	56	58	2	1502	302.6	660.6	78.39	282.1	41.52	7.15	26.51	2.79	14	2.37	5.64	0.78	4.47	0.55	72.6	18.45	1.95
BRAC060	58	60	2	1444	301.4	659.4	73.56	258.8	35.84	5.98	22.25	2.41	11.93	1.99	4.67	0.6	3.59	0.52	61.3	21.7	1.82
BRAC060	60	62	2	1524	320.2	690.1	75.25	274	40.25	6.53	23.4	2.58	12.51	2.25	5.42	0.68	4.22	0.5	66.8	21.7	2.02
BRAC060	62	64	2	1507	313.1	686.4	76.22	268.1	39.09	6.43	23.29	2.64	12.22	2.26	5.93	0.77	4.16	0.53	66.8	19.9	2.27

Hole	From m	To m	Interval m	TREO ppm	La ₂ O ₃ ppm	CeO ₂ ppm	Pr ₆ O ₁₁ ppm	Nd ₂ O ₃ ppm	Sm ₂ O ₃ ppm	Eu ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Er ₂ O ₃ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Y ₂ O ₃ ppm	Th ppm	U ppm
BRAC060	64	66	2	713	181.2	336.4	33.58	105.8	13.05	2.77	7.43	0.88	4.29	0.76	1.84	0.26	1.64	0.27	23.3	17.8	1.72
BRAC060	66	68	2	738	181.2	349.9	34.91	110	15.08	2.98	9.18	1.03	4.38	0.87	1.95	0.3	1.89	0.21	24.6	17.6	1.77
BRAC060	68	70	2	505	117.8	233.3	24.28	78.9	10.99	2.66	6.77	0.69	3.67	0.74	1.81	0.26	1.43	0.22	22.4	12.95	1.3
BRAC061	36	38	2	226	76.3	91.1	11.3	31.8	4.28	0.96	2.1	0.18	1.01	0.21	0.45	0.05	0.48	0.06	5.8	12.65	1.01
BRAC061	38	40	2	337	108.9	100.5	20.89	69.1	9.32	2.15	5.94	0.64	2.83	0.52	1.29	0.19	0.99	0.14	14.2	14.55	1.47
BRAC061	40	42	2	3721	799.9	1946.3	187.84	594.6	66.12	13.37	29.51	3.02	12.45	2.08	4.69	0.68	3.97	0.5	56	24.4	1.69
BRAC061	42	44	2	4420	656.8	2910.3	169.12	517.7	62.64	12.04	24.55	2.49	10.26	1.7	3.66	0.57	3.46	0.4	44.5	26.9	3.01
BRAC061	44	46	2	793	154.8	418.7	36.48	124.1	15.42	3.54	9.15	0.97	3.88	0.68	1.89	0.23	1.52	0.22	21.5	26.3	2.97
BRAC061	46	48	2	819	164.2	404	39.74	139.9	17.11	4.24	10.23	1.12	5.26	0.87	1.94	0.33	2	0.25	28.4	18.45	1.88
BRAC061	48	50	2	708	168.3	349.9	34.18	103	11.35	3.05	6.12	0.7	3.29	0.64	1.71	0.26	1.64	0.28	24	28.1	1.93
BRAC061	50	52	2	577	133.7	302	25.6	80.5	9.16	2.55	5.05	0.51	2.39	0.38	1.17	0.18	1.13	0.17	12.8	30.3	2.54
BRAC061	52	54	2	1537	385.9	699.9	83.11	264.6	33.4	7.24	17.17	1.81	7.4	1.26	2.64	0.35	2.2	0.26	30.7	33.9	3.96
BRAC061	54	56	2	1924	369.4	1008.1	88.18	299.6	38.04	8.15	21.38	2.32	11.28	2.06	5.26	0.75	4.57	0.72	64.8	42.6	3.92
BRAC061	56	58	2	3067	683.8	1479.7	155.83	508.3	59.39	12.79	33.32	3.5	16.47	2.91	7.68	1.09	7.34	1.01	94.4	53.9	3.78
BRAC061	58	60	2	3737	541.9	2437.5	136.5	440.7	52.78	10.89	26.51	2.63	11.7	2.06	5.33	0.76	4.73	0.64	62.8	33.2	3.06
BRAC061	60	62	2	1513	247.5	976.2	54.48	169.6	18.44	4.63	8.8	0.85	4.06	0.85	1.87	0.33	2.11	0.31	23.8	25.4	1.61
BRAC061	62	64	2	1061	199.9	636.1	43.24	131.1	13.28	3.52	6	0.63	3.05	0.58	1.72	0.27	1.89	0.35	19.8	23.4	1.48
BRAC061	64	66	2	827	188.2	442	38.65	115.3	11.39	3.23	5.77	0.57	2.6	0.51	1.41	0.22	1.75	0.25	15.4	23	1.54
BRAC061	66	68	2	1186	299.1	555	64.02	197	22.33	5.19	9.46	0.95	4.32	0.72	2.28	0.29	2.49	0.42	23.1	30.3	2.07
BRRCO30	30	32	2	547	181.8	193.4	31.52	96.4	12.41	3.1	6.49	0.77	3.66	0.56	1.34	0.14	0.74	0.13	15.4	21.2	1.16
BRRCO30	32	34	2	553	201.7	181.1	30.92	91.8	10.45	2.68	6.71	0.7	3.45	0.64	1.66	0.17	1.27	0.15	19.6	24.1	1.23
BRRCO30	34	36	2	607	178.8	200.1	35.63	124.1	15.6	3.99	9.63	1.03	5.08	0.84	2.01	0.29	1.95	0.25	28.3	29	1.36
BRRCO30	36	38	2	1150	294.4	423.6	64.5	232	33.4	7.86	20.92	2.39	11.1	1.85	4.59	0.54	2.96	0.37	50.5	28.7	1.75
BRRCO30	38	40	2	1917	652.1	666.8	113.31	340.4	39.9	8.61	22.25	2.34	10.25	1.83	4.21	0.59	3.59	0.39	51.3	29.3	2.06
BRRCO30	40	42	2	1157	331.9	493.6	57.01	182.4	23.2	5	13.37	1.54	7.09	1.15	2.82	0.35	1.95	0.25	35.9	29	2.25
BRRCO30	42	44	2	2837	388.2	1970.9	78.27	256.5	33.29	6.99	20.29	2.32	10.66	1.73	4.41	0.6	3.17	0.4	59.4	39.7	3.72
BRRCO30	44	46	2	3049	683.8	1565.7	129.86	416.2	58.46	12.62	37.58	4.49	20.89	3.65	9.05	1.09	6.01	0.76	99.6	32.6	4.05
BRRCO30	46	48	2	2013	392.9	1127.3	80.93	267	35.38	7.36	21.04	2.51	11.65	2.02	4.7	0.59	3.41	0.44	55.8	36.7	4.44
BRRCO30	48	50	2	1892	360.1	1046.2	78.39	262.3	37.35	7.43	23.29	2.52	11.76	2.13	4.89	0.57	3.5	0.46	51.9	45	5.94
BRRCO30	50	52	2	1083	256.8	513.3	51.58	167.9	23.54	4.51	14.58	1.52	7.55	1.37	2.89	0.39	2.63	0.28	35	40.5	6.47
BRRCO30	52	54	2	1064	285	428.5	54.6	185.3	26.33	5.19	18.04	1.92	9.9	1.67	3.89	0.43	2.61	0.32	41.1	34.8	4.78
BRRCO30	54	56	2	367	86.5	148.5	20.05	69.4	10.9	1.93	6.49	0.71	3.32	0.66	1.56	0.21	1.23	0.18	16.3	40.3	1.33
BRRCO30	56	58	2	417	89	163.3	23.49	84.5	13.28	2.06	7.94	0.9	4.21	0.89	2.19	0.28	1.84	0.28	22.9	52.4	1.34
BRRCO30	58	60	2	461	92.4	214.2	22.4	78.5	12.58	2.06	7.59	0.88	4.71	0.69	1.87	0.26	1.77	0.22	21.2	39.5	1.57
BRRCO30	60	62	2	1326	247.5	679	59.79	215.1	31.78	6.04	19.6	2.23	9.78	1.75	4.34	0.49	3.45	0.51	45.4	34.6	2.99
BRRCO30	62	64	2	574	108.2	279.9	26.81	97.1	14.67	2.97	9.37	1.08	5.01	0.87	2.27	0.28	2.05	0.25	24.1	35.2	1.84
BRRCO30	64	66	2	539	100.8	264	25	89.8	14.03	2.58	8.83	0.96	4.9	0.85	2.13	0.28	1.77	0.26	23.3	36.9	1.79
BRRCO30	66	68	2	620	118.4	299.6	28.99	103.8	17.22	2.83	9.6	1.12	5.31	0.96	2.66	0.34	2.2	0.29	26.9	39.7	1.99
BRRCO30	68	70	2	743	158.3	353.6	35.15	121.2	17.69	3.41	11.12	1.15	5.71	0.99	2.58	0.33	1.93	0.29	29.8	39.2	2.43
BRRCO30	70	72	2	1157	279.1	550.1	55.68	182.4	22.91	4.99	12.68	1.38	6.26	1.18	2.73	0.33	2.08	0.27	35.5	33	2.5
BRRCO31	48	50	2	574	67.9	416.2	13.89	44.5	7.06	1.4	3.96	0.49	2.49	0.48	1.46	0.21	1.64	0.21	12.5	63.4	3.35
BRRCO31	50	52	2	766	47	636.1	11.34	41.2	6.85	1.32	3.79	0.45	3	0.57	1.41	0.23	1.66	0.23	11.4	60.1	5.12

Hole	From m	To m	Interval m	TREO ppm	La ₂ O ₃ ppm	CeO ₂ ppm	Pr ₆ O ₁₁ ppm	Nd ₂ O ₃ ppm	Sm ₂ O ₃ ppm	Eu ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Er ₂ O ₃ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Y ₂ O ₃ ppm	Th ppm	U ppm
BRRCO31	52	54	2	836	45.5	699.9	12.74	44.7	7.36	1.6	4	0.56	2.85	0.6	1.68	0.26	1.84	0.26	12.7	56.3	4.57
BRRCO31	54	56	2	777	32.9	664.3	10.95	39.1	6.19	1.41	3.45	0.58	3.19	0.52	1.5	0.22	2.09	0.3	11	54.4	4.18
BRRCO31	56	58	2	1175	96	924.6	24.52	83.1	12.06	2.58	6.12	0.75	3.85	0.72	2.22	0.28	2.27	0.35	16.2	58.7	4.43
BRRCO31	58	60	2	1861	321.4	1188.7	63.9	202.8	24.36	5.39	12.39	1.41	6.27	1.06	2.84	0.41	2.65	0.37	27.1	54.5	4.78
BRRCO31	60	62	2	2363	804.6	944.3	105.7	304.3	38.28	10.69	29.74	3.26	16.07	3	6.78	0.75	3.87	0.53	91.3	46.3	4.03
BRRCO31	62	64	2	4477	1706.7	1181.3	295.96	919.9	112.52	25.47	56.03	6.03	27.78	4.51	10.33	1.41	7.49	0.93	121.2	42.9	3.85
BRRCO31	64	66	2	10266	2826.9	2652.4	787.61	2810	371.2	82.56	192.55	20.1	92.18	15.24	32.68	4.35	22.15	2.55	354.3	51.9	4.25
BRRCO31	66	68	2	3000	666.2	1387.6	155.83	543.3	70.06	14.3	32.97	3.35	15.21	2.77	7.44	1.03	7.11	0.9	92	45.4	3.63
BRRCO31	68	70	2	3878	856.2	1792.8	200.52	731	88.97	18.87	45.31	4.31	20.66	3.33	8.74	1.27	7.74	1.26	97.6	54.6	3.95
BRRCO31	70	72	2	3122	681.5	1479.7	158.24	572.5	69.6	13.95	37.47	3.59	16.58	2.55	7.47	0.99	6.2	0.93	71.5	48.6	2.81
BRRCO31	72	74	2	3297	753	1535	159.45	569	69.13	14.01	38.16	4.04	19.17	3.38	9.08	1.4	10.08	1.59	111.2	53.2	2.72
BRRCO31	74	76	2	2564	557.1	1205.8	118.86	426.7	51.96	10.43	31.93	3.21	16.24	2.93	9.22	1.35	10.13	1.75	117	47.7	2.13
BRRCO31	76	78	2	2469	533.7	1112.5	121.4	440.7	55.91	11.29	30.55	2.92	15.09	2.69	8.46	1.33	7.98	1.72	123.4	39.4	1.78
BRRCO31	78	80	2	2326	530.1	1057.3	119.59	427.9	50.57	10.54	28.7	2.7	12.74	2.26	5.5	0.84	5.18	0.85	72	34.7	1.61
BRRCO31	80	82	2	2203	495	1015.5	112.1	402.2	48.95	9.83	26.17	2.56	12.74	1.99	5.64	0.77	4.14	0.67	65.7	31.6	1.54
BRRCO31	82	84	2	2098	499.6	959	104.37	368.4	44.89	8.27	24.21	2.51	12.28	1.87	4.98	0.65	4.07	0.72	63.1	32.3	1.52
BRRCO31	84	86	2	2033	472.7	935.7	101.35	363.7	45.82	8.36	23.29	2.28	11.1	1.86	4.59	0.61	4.14	0.62	57.5	34.2	1.98
BRRCO32	48	50	2	453	75.3	277.5	16.85	53.2	7.15	1.4	3.53	0.5	2.73	0.43	1.28	0.19	1.52	0.26	11.3	46.6	4.46
BRRCO32	50	52	2	1657	377.7	683.9	99.53	341.6	47.21	8.53	22.54	2.59	12.57	2.05	4.81	0.65	3.71	0.61	49.6	41.5	5.59
BRRCO32	52	54	2	769	151.9	410.1	34.91	115.3	14.73	2.32	7.9	0.95	5.22	0.74	2.01	0.25	1.64	0.34	21.3	49.6	5.5
BRRCO32	54	56	2	1365	308.4	714.6	61.36	197.6	24.82	4.08	12.62	1.55	7.24	1.16	2.67	0.26	1.89	0.26	27.3	42.8	5.35
BRRCO32	56	58	2	951	179.4	524.3	42.64	146.9	18.09	3.05	8.7	0.92	4.61	0.72	1.79	0.22	1.35	0.23	18.5	34.1	4.61
BRRCO32	58	60	2	1124	232.8	577.1	55.56	187.1	23.78	4.04	11.48	1.22	5.72	0.89	2.11	0.25	1.68	0.22	21	41.1	5.68
BRRCO32	60	62	2	1200	217	647.1	59.43	201.7	25.52	4.37	10.78	1.12	5.7	0.84	2.26	0.34	1.86	0.3	21.7	46.7	6.34
BRRCO32	62	64	2	842	161.2	422.4	45.17	150.4	19.08	3.36	8.85	1.08	5.08	0.73	2.37	0.23	1.76	0.27	20.3	34.6	5.66
BRRCO32	64	66	2	3792	902	1123.6	291.12	1045.9	140.94	26.17	63.76	6.9	33.86	5.19	12.68	1.67	10.31	1.3	127	45.9	6.49
BRRCO32	66	68	2	1494	263.9	772.4	77.43	268.1	37.35	6.18	15.16	1.85	8.77	1.29	3.38	0.54	3.07	0.4	34.2	34	5.15
BRRCO32	68	70	2	1240	224.6	636.1	64.14	222.1	27.72	5.06	13.72	1.62	7.1	1.12	3.1	0.37	2.65	0.45	31.1	31.3	4.53
BRRCO32	70	72	2	1793	362.4	895.2	89.87	311.3	41.64	8.02	21.44	2.23	10.89	1.67	4	0.49	2.88	0.39	41	35.5	4.2
BRRCO32	72	74	2	1376	287.3	641	72.96	256.5	34.91	6.17	17.12	1.99	9.44	1.5	3.25	0.49	3.1	0.43	40.3	31.4	3.75
BRRCO32	74	76	2	2927	668.6	1170.2	167.3	607.4	82.59	16.32	45.54	5.23	26.97	4.32	11.14	1.42	8.38	1.18	110.8	32.5	4.06
BRRCO32	76	78	2	3571	482.1	2099.8	121.4	471	63.1	13.83	44.85	5.04	29.04	5.62	15.37	2.19	13.26	2.22	202.5	29.9	4.6
BRRCO32	78	80	2	1116	234.6	530.4	53.75	188.8	23.78	4.68	15.04	1.64	9.05	1.45	3.4	0.47	2.95	0.56	45.8	27.8	3.86
BRRCO32	80	82	2	981	215.8	448.2	47.95	166.7	21.46	5.19	14.06	1.68	9.29	1.32	3.54	0.52	2.66	0.44	42.2	26.2	2.89
BRRCO33	24	26	2	382	120.2	178.6	16.48	45.5	4.9	1.2	2.79	0.3	1.66	0.29	0.86	0.11	0.94	0.22	8	45.1	2.44
BRRCO33	26	28	2	907	256.8	427.3	43.72	126.5	14.38	2.9	8.2	0.98	4.78	0.71	1.95	0.27	1.73	0.3	16.7	55.6	3.26
BRRCO33	28	30	2	1502	387	702.4	78.64	236.6	28.3	4.87	14.58	1.69	8.81	1.24	3	0.38	2.56	0.4	32.1	58.8	4.05
BRRCO33	30	32	2	1382	283.8	717.1	67.76	223.2	26.68	4.66	15.5	1.62	8.32	1.21	2.77	0.35	2.14	0.29	27.5	47	4.18
BRRCO33	32	34	2	1217	234.6	663.1	53.75	175.4	22.62	4.06	14.23	1.57	8.23	1.37	2.72	0.36	2.1	0.39	33.2	38.9	3.48
BRRCO33	34	36	2	691	170	326.6	33.58	105	12.99	3.02	7.9	0.84	4.05	0.68	1.78	0.19	1.18	0.17	23.1	41	1.98
BRRCO33	48	50	2	1526	307.3	501	95.19	369.6	60.32	13.6	38.39	4.22	21.18	3.31	9.28	1.18	7.82	1.06	93.3	27.9	4.7
BRRCO33	50	52	2	1161	204.1	365.9	66.07	271.6	47.67	11.46	32.05	3.9	20.6	3.5	9.81	1.41	9.6	1.31	112.6	20.6	4.02

Hole	From m	To m	Interval m	TREO ppm	La ₂ O ₃ ppm	CeO ₂ ppm	Pr ₆ O ₁₁ ppm	Nd ₂ O ₃ ppm	Sm ₂ O ₃ ppm	Eu ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Er ₂ O ₃ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Y ₂ O ₃ ppm	Th ppm	U ppm
BRRCO34	12	14	2	1320	315.5	578.3	67.88	227.9	33.87	6.9	19.54	2.25	9.84	1.69	4.24	0.52	2.88	0.39	48.6	34.2	4.71
BRRCO34	14	16	2	1633	424.6	647.1	90.6	305.4	45.12	8.6	25.25	2.7	12.97	1.87	4.86	0.59	2.79	0.38	60.3	46.2	4.31
BRRCO34	16	18	2	1704	448	663.1	96.39	321.8	47.32	9.56	26.98	2.92	13.43	2.05	4.77	0.52	2.73	0.29	64.7	36.4	2.48
BRRCO34	18	20	2	1113	303.8	369.6	70.3	236.6	35.14	7.48	21.09	2.21	10.18	1.62	3.57	0.41	1.87	0.19	49.5	28.7	1.98
BRRCO34	20	22	2	1297	377.7	443.3	76.58	260	37.23	7.71	20.98	2.28	10.9	1.61	3.94	0.38	2.3	0.27	52.4	38.2	2.19
BRRCO34	22	24	2	1311	343.6	438.3	80.69	278.6	42.22	8.85	25.25	2.79	12.85	1.94	4.83	0.54	2.4	0.3	67.9	32.7	2.5
BRRCO34	24	26	2	1344	353	556.2	73.8	241.3	34.68	7.14	18.67	2.02	9.41	1.39	3.24	0.31	1.81	0.27	41.6	27.9	3.66
BRRCO34	26	28	2	1719	419.9	789.6	86.61	286.8	39.44	8.17	21.09	2.18	9.97	1.57	3.63	0.38	2.2	0.28	48	28.3	4.75
BRRCO34	28	30	2	1901	444.5	923.4	88.42	290.3	41.52	9.2	23.17	2.48	11.23	1.85	4.44	0.49	2.71	0.31	57.1	31.6	4.56
BRRCO34	30	32	2	1478	374.1	654.5	73.92	248.3	35.96	7.83	20.52	1.96	9.56	1.37	3.49	0.39	2.23	0.3	43.8	37	4.85
BRRCO34	32	34	2	1968	605.2	725.7	111.74	348.6	45.35	10.3	27.78	2.98	14.12	2.26	5.14	0.59	3.41	0.32	65.5	37.4	5.2
BRRCO34	34	36	2	1588	445.7	654.5	85.16	270.5	37.35	7.88	22.07	2.36	9.89	1.51	3.89	0.49	2.65	0.34	44.5	34.2	4.98
BRRCO34	36	38	2	1663	430.4	745.3	84.43	267	36.19	7.92	21.5	2.28	11.08	1.78	4.09	0.46	2.68	0.34	48.5	38.1	5.92
BRRCO34	38	40	2	1616	398.8	714.6	84.56	271.6	38.51	8.14	22.54	2.35	11.53	1.76	4.3	0.51	2.75	0.39	53.7	30.9	5.59
BRRCO34	40	42	2	1599	394.1	692.5	88.18	276.3	37.35	8.51	23.52	2.52	12.45	1.85	4.61	0.57	3.01	0.43	53.8	30.6	5.91
BRRCO34	42	44	2	1781	346	747.8	104.85	385.9	56.37	11.58	30.9	3.17	14.57	2.22	5.88	0.68	3.87	0.53	66.8	29.7	5.34
BRRCO34	44	46	2	1657	294.4	749	87.09	332.3	52.89	11.56	32.86	3.42	15.95	2.3	5.78	0.73	4.18	0.51	64.6	27.6	6.43
BRRCO34	46	48	2	2263	450.4	1173.9	101.47	354.4	48.95	10.44	28.01	3.16	14.06	2.3	5.9	0.73	4.39	0.6	65.2	34.9	6.5
BRRCO34	48	50	2	1829	347.2	946.7	80.69	284.5	40.71	8.61	23.63	2.62	12.57	2.1	5.54	0.67	4.23	0.6	69.5	30.5	5.12
BRRCO34	50	52	2	1819	328.4	928.3	77.31	285.6	42.92	8.85	28.59	3.11	15.15	2.6	7.12	0.83	5.47	0.7	84.2	27.9	4.41
BRRCO34	52	54	2	1479	288.5	728.2	68.85	246	34.45	7.64	22.13	2.44	12.05	2.03	4.97	0.61	4.23	0.67	57.2	25.1	4.06
BRRCO34	54	56	2	1502	286.2	704.8	69.09	254.1	39.67	9.03	26.28	2.91	14.12	2.69	6.6	0.83	5.72	0.79	79.2	23.5	4.51
BRRCO34	56	58	2	1134	223.4	509.6	52.91	188.3	28.3	6.84	21.04	2.31	12.51	2.22	6.62	0.9	6.05	0.98	72.1	19.5	3.93
BRRCO34	58	60	2	1071	208.2	451.9	48.92	176.6	27.49	5.9	19.48	2.28	12.8	2.54	7.7	1.11	6.32	1.03	99.4	19.8	3.86
BRRCO34	60	62	2	982	196.4	433.4	49.04	174.9	27.37	5.92	17	1.88	9.39	1.51	4.05	0.59	3.16	0.53	57	14.1	2.83
BRRCO34	62	64	2	1426	320.2	652	68.25	237.8	32.36	7.43	21.79	2.21	11.19	1.77	4.92	0.62	3.7	0.53	61.9	21.7	3.44
BRRCO34	64	66	2	908	196.4	413.8	44.81	159.1	22.44	5.5	14.41	1.61	7.01	1.21	2.76	0.37	2.24	0.29	36.8	16.8	2.48
BRRCO34	66	68	2	1311	293.2	593.1	65.23	226.2	33.4	7.97	21.44	2.18	10.46	1.65	4	0.53	2.67	0.38	48.8	22.6	2.8
BRRCO34	68	70	2	1132	253.3	513.3	55.93	195.8	28.3	6.5	17.75	1.81	8.63	1.42	3.42	0.42	2.27	0.31	43	20.4	2.92
BRRCO34	70	72	2	1069	238.1	483.8	51.94	185.3	28.65	5.7	18.1	1.81	8.26	1.37	3.18	0.36	2.18	0.35	40.5	17.35	2.6
BRRCO35	36	38	2	790	205.2	376.9	41.19	118.3	13.34	2.51	7.03	0.89	3.92	0.59	1.64	0.22	1.28	0.12	17.5	40.8	3.82
BRRCO35	38	40	2	875	221.6	421.2	46.02	133.5	16.93	3.26	8.17	1.04	4.09	0.58	1.61	0.18	1.07	0.18	16.5	21.2	3.54
BRRCO35	40	42	2	1919	527.8	895.2	96.76	290.3	33.87	6.72	17.23	2.16	8.97	1.26	2.83	0.41	2.09	0.3	33.9	29.4	5.16
BRRCO35	42	44	2	2328	584.1	1057.3	116.93	383.6	49.3	10.21	30.9	3.84	16.76	2.54	5.85	0.71	3.91	0.43	61.7	16.95	7.35
BRRCO35	44	46	2	2397	652.1	1041.3	113.79	369.6	46.28	10.42	34.82	4.21	19.63	3.18	7.31	0.84	4.9	0.61	88.9	21.4	5.69
BRRCO35	46	48	2	1419	385.9	615.2	67.16	218	26.56	6.23	20.29	2.46	11.82	1.99	4.85	0.6	3.23	0.39	54.8	12.4	4.16
BRRCO36	30	32	2	349	117.8	122.4	19.5	58.5	6.67	1.48	4.57	0.57	2.72	0.42	1.08	0.15	0.97	0.17	12.9	60.3	3.15
BRRCO36	32	34	2	377	119.6	144.9	20.05	59.4	6.9	1.73	4.64	0.55	2.61	0.44	1.08	0.18	1.43	0.17	14	47	3.23
BRRCO36	34	36	2	2010	606.4	798.2	114.63	338.1	40.36	8.32	22.02	2.55	11.93	2.1	4.7	0.54	3.29	0.4	56.7	49.2	4.71
BRRCO36	36	38	2	699	241.6	214.2	42.64	128.8	16.24	3.42	10.05	1.11	5.62	0.91	2.37	0.27	1.75	0.31	30.6	51.5	4.39
BRRCO36	38	40	2	927	342.5	309.4	50.13	143.4	16.87	3.72	10.01	1.32	6.23	1.05	2.92	0.34	2.12	0.25	37.4	39	3.16
BRRCO36	40	42	2	483	189.4	163.3	26.45	73.2	7.62	1.94	4.21	0.51	2.42	0.38	0.89	0.11	0.82	0.11	11.8	33.9	2.95

Hole	From m	To m	Interval m	TREO ppm	La ₂ O ₃ ppm	CeO ₂ ppm	Pr ₆ O ₁₁ ppm	Nd ₂ O ₃ ppm	Sm ₂ O ₃ ppm	Eu ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Er ₂ O ₃ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Y ₂ O ₃ ppm	Th ppm	U ppm
BRRC036	42	44	2	1070	424.6	271.3	68.37	206.9	23.54	5	15.1	1.76	7.66	1.3	3.4	0.41	2.31	0.28	38.2	45.2	4.73
BRRC036	44	46	2	800	248.6	300.8	47.23	142.2	16.29	3.77	8.4	1.01	4.68	0.73	1.86	0.23	1.5	0.22	23.4	39.2	5.36
BRRC036	46	48	2	778	218.7	326.6	41.31	132.9	16.76	3.61	8.46	1.03	4.39	0.74	1.88	0.26	1.59	0.26	20.3	43.1	6.28
BRRC036	48	50	2	1115	294.4	488.7	60.4	185.9	21.98	4.74	11.7	1.5	6.72	1.2	2.94	0.37	2.52	0.31	32.2	51.3	6.43
BRRC036	50	52	2	1051	275.6	489.9	52.06	158.5	19.66	3.92	10.82	1.12	5.33	0.91	2.6	0.34	2.15	0.29	27.9	40.3	4.37
BRRC036	52	54	2	948	248.6	415	50.97	156.2	20.41	4.15	10.68	1.27	6.02	0.9	2.45	0.35	2.28	0.32	28.5	42.2	3.88
BRRC036	54	56	2	1442	270.9	731.8	71.15	242.5	32.59	6.35	16.54	1.95	9.52	1.62	4.42	0.67	3.92	0.51	48.2	36.2	5.23
BRRC036	56	58	2	5796	403.5	4592.7	103.16	390.6	53.59	11.45	35.85	4.62	23.18	4.32	13.03	1.89	12.69	1.91	144.1	39.9	6.46
BRRC036	58	60	2	1292	276.8	682.7	54.6	174.9	22.09	4.89	12.97	1.5	7.38	1.4	3.6	0.51	3.66	0.53	45.3	48.4	4.47
BRRC037	54	56	2	595	174.7	250.5	33.46	100.6	11.17	1.7	5.37	0.62	2.88	0.42	1.14	0.15	0.99	0.17	11.4	34.5	2.6
BRRC037	56	58	2	450	138.4	176.2	26.45	78.9	9.39	1.18	4.35	0.51	2.34	0.38	1.01	0.15	1	0.18	9.9	33	2.3
BRRC037	58	60	2	569	151.9	264	30.44	89.3	9.37	1.76	4.94	0.55	2.47	0.43	0.9	0.14	1.03	0.17	11.6	34.5	2.46
BRRC037	60	62	2	2243	709.6	751.5	134.08	423.2	51.27	11.33	31.93	3.98	19.51	3.15	8.08	1.14	7.18	0.98	86.1	34.9	3.17
BRRC037	62	64	2	841	204.1	407.6	38.89	122.4	15.54	3.76	9.56	1.29	5.8	0.98	2.73	0.31	2.16	0.28	26	14.1	1.72
BRRC037	64	66	2	919	247.5	410.1	46.99	146.9	16.87	3.89	9.89	1.07	5.72	0.93	2.37	0.31	2.18	0.29	24.6	32.2	2.63
BRRC037	66	68	2	528	126.6	268.9	22.52	69.9	8.34	1.91	5.68	0.71	3.44	0.58	1.5	0.23	1.57	0.19	16.7	22.6	2.22
BRRC037	68	70	2	1085	203.5	642.2	34.42	108.7	12.58	2.46	9.33	1.22	6.49	1.36	3.7	0.47	3.59	0.6	54.4	34.4	2.74
BRRC037	70	72	2	814	156.5	486.2	27.54	80.3	8.88	2.17	6.96	0.76	3.97	0.9	2.4	0.35	2.14	0.38	34.6	31.5	2.33
BRRC037	72	74	2	595	152.4	277.5	29.71	90	10.33	2.06	5.7	0.72	3.13	0.63	1.71	0.25	1.75	0.23	19.6	38.1	2.51
BRRC037	74	76	2	1339	272.1	749	45.42	142.2	17.8	3.69	13.66	1.75	8.78	1.92	4.85	0.59	3.61	0.65	73.7	33.8	2.87
BRRC037	76	77	1	514	87.3	289.8	16.67	53.4	6.46	1.45	5	0.72	3.55	0.88	2.3	0.36	2.61	0.47	43.6	30.1	1.44
BRRC051	42	44	2	67	12.1	26.6	2.69	8.2	1.76	0.33	1.47	0.18	1.6	0.32	1.02	0.17	1.45	0.26	9	49.6	2.94
BRRC051	44	46	2	57	10.7	22.7	2.17	7.1	1.13	0.3	1.17	0.24	1.46	0.28	0.98	0.17	1.05	0.25	7.8	49.4	2.88
BRRC051	46	48	2	507	146.6	260.3	18.48	51.6	6.63	1.52	3.3	0.43	2.21	0.43	1.08	0.22	1.37	0.23	13.3	25.5	2.2
BRRC051	48	50	2	1747	394.1	927.1	74.53	240.1	28.3	6.34	16.37	1.82	8.46	1.5	3.38	0.47	2.64	0.34	41.6	57.6	4.11
BRRC051	50	52	2	1224	248.6	693.8	49.64	152.7	19.95	4.55	11.87	1.24	5.77	1	2.57	0.29	2	0.31	30.7	49.2	5.33
BRRC051	52	54	2	1254	242.8	681.5	51.46	179.5	24.12	5.3	15.16	1.54	7.43	1.36	3.28	0.41	2.05	0.4	38.4	39	5.69
BRRC051	54	56	2	1271	262.7	698.7	55.93	178.9	20.82	4.3	11.58	1.19	5.68	1.01	2.3	0.33	2.05	0.25	26.1	37.4	5.04
BRRC051	56	58	2	1570	321.4	843.6	72.35	231.4	29.58	5.84	15.56	1.71	7.54	1.24	3.21	0.41	2.46	0.35	33.5	34.7	4.64
BRRC051	58	60	2	2349	499.6	1208.3	120.67	381.2	46.51	9.02	21.15	2.1	9.33	1.57	3.49	0.46	2.97	0.45	42.5	23.7	3.37
BRRC051	60	62	2	1712	338.9	811.7	84.07	300.8	43.15	10.28	28.94	3.29	14.23	2.46	5.78	0.77	4.36	0.71	63.5	19.7	2.65
BRRC051	62	64	2	1336	285	637.3	63.78	222.1	30.04	6.65	19.08	2.28	10.41	1.85	4.4	0.57	4.19	0.46	48.3	22.8	2.56
BRRC051	64	66	2	1211	278	580.8	57.5	192.9	25.05	5.58	15.16	1.69	8.19	1.34	3.13	0.45	2.83	0.42	38.3	26.1	1.94
BRRC051	66	68	2	1231	269.7	585.7	60.27	201.1	27.84	5.43	15.79	1.9	8.88	1.62	3.34	0.52	3.38	0.6	45.4	24.2	2.24
BRRC051	68	70	2	1093	242.8	510.8	53.03	178.9	22.91	5.38	14.64	1.63	8.12	1.53	3.73	0.52	3.69	0.48	45.8	23.7	2.07
BRRC051	70	72	2	999	228.7	461.7	49.4	162	21.69	4.81	12.85	1.45	6.93	1.24	2.91	0.5	3.12	0.56	41.2	23.9	2.12
BRRC051	72	74	2	803	192.3	381.9	37.93	123	15.02	3.89	8.7	1.02	4.75	0.83	2.26	0.34	2.02	0.29	28.8	20.2	1.87
BRRC051	74	76	2	651	158.3	304.5	31.16	100.9	12.87	3.62	7.51	0.79	3.98	0.77	1.95	0.3	1.86	0.31	23.1	26.1	1.97
BRRC051	76	78	2	735	180	347.5	34.66	111.5	13.86	3.62	8.11	0.91	4.55	0.92	2.06	0.29	1.91	0.28	25.6	19.7	2.11
BRRC051	78	80	2	889	191.7	408.9	44.33	154.4	21.69	4.44	12.22	1.31	6.73	1.15	3.04	0.45	2.33	0.29	36.8	17.85	2.29
BRRC051	80	82	2	791	183.5	370.8	38.77	128.2	17.63	3.7	9.59	1.02	4.92	0.95	1.98	0.29	1.87	0.34	28.1	15.95	1.89
BRRC051	82	84	2	871	206.4	410.1	41.79	137	18.21	4.28	9.99	1.31	5.86	1.06	2.22	0.31	2.16	0.28	30.8	18.75	2.1

Hole	From m	To m	Interval m	TREO ppm	La ₂ O ₃ ppm	CeO ₂ ppm	Pr ₆ O ₁₁ ppm	Nd ₂ O ₃ ppm	Sm ₂ O ₃ ppm	Eu ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Er ₂ O ₃ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Y ₂ O ₃ ppm	Th ppm	U ppm
BRRC051	84	86	2	747	181.8	353.6	35.15	114.2	14.55	3.52	9.4	0.98	4.74	0.9	1.95	0.26	1.77	0.23	24.1	16.5	2.39
BRRC051	86	88	2	887	205.8	416.2	43.24	144.5	18.38	4.06	11.34	1.25	5.85	1.03	2.34	0.3	2.25	0.3	30.8	17.85	5.1
BRRC051	88	90	2	1008	228.7	471.5	48.19	166.1	22.38	4.7	13.43	1.54	6.86	1.3	3.07	0.39	2.32	0.35	37.5	20.4	6.98
BRRC052	30	32	2	1448	321.4	634.8	72.23	257.6	40.6	8.67	26.28	3.31	15.49	2.44	5.54	0.62	3.34	0.44	55.8	59.8	2.26
BRRC052	32	34	2	763	191.1	320.5	38.89	133.5	20.76	4.5	12.85	1.59	6.85	1.22	2.9	0.29	1.91	0.26	26.4	42.6	1.94
BRRC052	34	36	2	1219	240.4	579.6	56.41	206.3	33.29	7.67	22.31	2.91	13.71	2.17	4.56	0.58	2.84	0.28	46.1	61.2	2.26
BRRC052	36	38	2	571	64.1	315.5	23.55	98.9	16.18	3.64	11.99	1.51	6.56	1.12	2.19	0.22	1.28	0.14	24.5	53.8	0.45
BRRC052	38	40	2	861	140.7	462.9	39.26	145.1	21.69	3.97	13.6	1.52	6.89	0.98	2.12	0.23	1.18	0.13	21.5	27.5	0.92
BRRC052	40	42	2	968	85.8	638.5	26.81	113.8	20.06	4.38	15.04	1.81	9.84	1.69	4.48	0.61	3.78	0.5	41.7	63.6	1.79
BRRC052	42	44	2	2489	245.1	1608.6	68.01	275.1	42.57	9.1	30.43	3.86	21.69	4.25	13.43	2.08	14.52	1.93	148.5	30.2	1.93
BRRC052	44	46	2	1771	208.7	1015.5	60.64	256.5	47.09	10.05	37.35	4.35	22.09	3.43	9.01	1.08	6.19	0.73	88.9	22.5	3.65
BRRC052	46	48	2	566	76.1	293.4	20.35	85.8	15.89	3.89	13.77	1.61	8.42	1.51	3.7	0.41	2.5	0.26	38.9	25.3	1.72
BRRC052	48	54	6	454	86	195.8	21.07	75	12.06	2.66	9	1.1	6.06	1.1	3.07	0.43	2.83	0.47	38.1	54.7	3.35
BRRC052	54	60	6	1340	232.2	574.7	67.16	246	40.48	7.2	26.51	3.24	17.22	3.19	9.04	1.32	9.1	1.31	102.1	55.2	8.4
BRRC052	60	66	6	965	181.2	392.9	47.23	173.7	28.3	5.88	19.19	2.39	12.85	2.37	7.06	1.1	7.34	1.2	82.4	77.3	6.94
BRRC052	66	72	6	1221	241.6	540.3	60.15	219.2	34.22	7.24	22.25	2.46	12.68	2.17	5.82	0.79	4.78	0.72	66.8	16.2	4.35
BRRC052	72	76	4	1050	198.2	466.6	53.87	194.1	30.5	5.9	19.88	2.19	11.18	1.87	5.17	0.7	4.4	0.57	55.6	20.9	3.42
BRRC053	24	26	2	96	25.6	40.6	4.28	13.7	1.84	0.41	1.27	0.19	1.17	0.2	0.57	0.09	0.79	0.14	5.8	17.4	1.65
BRRC053	26	28	2	66	15.2	27.8	2.85	9	1.46	0.35	1.1	0.15	1.03	0.21	0.7	0.1	0.77	0.14	5.7	16.2	1.9
BRRC053	28	30	2	1154	312	535.4	63.78	183	21.63	4.12	10.19	1.21	5.56	0.69	1.65	0.21	1.58	0.22	13.4	9.17	1.38
BRRC068	24	26	2	966	194.7	472.7	43.24	157.9	24.7	5.33	17	1.95	9.04	1.35	3.29	0.35	2.11	0.28	32.8	31.1	1.74
BRRC068	26	28	2	1282	202.9	698.7	50.73	204	32.24	7.37	23.63	2.77	11.93	1.69	3.84	0.42	2.16	0.25	39.4	23.4	1.28
BRRC068	28	30	2	852	157.7	442	36.48	134	20.64	4.51	14.64	1.65	7.96	1.16	2.62	0.27	1.34	0.17	27.6	17.25	1.46
BRRC068	30	32	2	1206	179.4	725.7	42.88	160.9	23.66	5.53	15.5	1.78	9.1	1.39	3.36	0.37	2.07	0.23	34.2	13.85	1.44
BRRC068	32	34	2	1329	256.8	553.8	75.5	289.1	44.89	8.74	25.94	2.88	12.62	2.01	4.38	0.49	2.64	0.3	49	18	1.65
BRRC068	34	36	2	1614	300.2	722	89.63	333.4	50.22	9.33	30.09	3.3	15.26	2.17	4.86	0.51	2.77	0.29	50.8	26.8	3.6
BRRC068	36	38	2	961	204.1	440.8	49.16	173.1	24.47	4.35	15.33	1.69	8.16	1.26	2.82	0.27	1.45	0.18	34	38.5	3.15
BRRC068	38	40	2	1739	358.9	795.7	93.49	327.6	46.16	7.92	29.4	3.23	15.15	2.17	4.28	0.38	1.91	0.23	53	40.4	4.22
BRRC068	40	42	2	1751	343.6	842.4	88.66	306.6	43.26	7.19	25.48	2.94	13.31	2.02	4.7	0.45	2.39	0.3	68.3	28.5	3.99
BRRC068	42	44	2	1155	241.6	541.5	61.97	207.5	29.23	4.87	17.23	2.02	9.4	1.3	3.05	0.34	2.68	0.32	32.2	36.6	7.55
BRRC068	44	46	2	1233	265	584.5	62.33	215.1	30.04	4.99	18.56	1.99	9.1	1.26	3.24	0.31	2.18	0.32	34.7	47.9	4.29
BRRC068	46	48	2	1087	210.5	483.8	53.75	204.6	31.32	6.54	21.04	2.29	11.65	1.83	4.45	0.5	2.96	0.38	51.6	32.6	3.17
BRRC069	18	20	2	1954	662.7	335.2	156.43	551.5	70.18	14.82	43.81	4.82	23.76	3.54	8.13	0.91	5.06	0.5	73.4	51.7	2.47
BRRC069	20	22	2	962	275.6	144.9	72.84	290.3	39.2	8.56	28.13	3.21	16.3	2.73	6.72	0.78	4.37	0.42	68.4	19.3	0.99
BRRC069	22	24	2	1501	369.4	494.8	89.15	339.3	49.06	10.15	33.09	3.68	17.67	2.87	7.08	0.78	4.04	0.45	80.2	23.3	2.53
BRRC069	24	26	2	1264	313.1	410.1	74.77	277.5	41.52	8.68	28.94	3.17	15.78	2.52	6.48	0.85	4.29	0.6	76.3	24.8	3.82
BRRC069	26	28	2	4724	1483.8	1025.3	375.68	1218.4	158.34	32.19	92	10.3	50.85	7.86	20.85	2.72	17.08	2.23	227.3	31.1	3.43
BRRC069	28	30	2	2272	572.4	859.6	128.04	455.9	62.52	13.14	41.16	4.58	22.5	3.52	8.7	1.03	5.96	0.73	92.7	27.9	3.72
BRRC069	30	32	2	1888	525.5	701.1	100.5	349.8	50.46	10.94	31.36	3.38	17.16	2.78	6.83	0.86	4.94	0.65	82.2	39.2	3.3
BRRC069	32	34	2	1585	423.4	564.8	95.06	322.9	47.9	11.24	29.28	3.37	15.26	2.48	5.66	0.61	3.8	0.54	59	37.9	3.51
BRRC069	34	36	2	1884	449.2	711	118.26	410.4	59.39	12.79	32.28	3.56	15.89	2.42	5.56	0.66	4.02	0.54	58.9	37	3.72
BRRC069	36	38	2	1620	418.7	605.4	94.1	319.4	46.74	11.63	28.47	3.25	15.32	2.42	5.97	0.7	4.53	0.51	63.5	16.45	3.76

Hole	From m	To m	Interval m	TREO ppm	La ₂ O ₃ ppm	CeO ₂ ppm	Pr ₆ O ₁₁ ppm	Nd ₂ O ₃ ppm	Sm ₂ O ₃ ppm	Eu ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Er ₂ O ₃ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Y ₂ O ₃ ppm	Th ppm	U ppm
BRRCO69	38	40	2	1362	312	541.5	73.92	262.3	39.55	9.19	26.74	3.02	14.63	2.6	6.45	0.81	4.69	0.52	65	13.85	3.91
BRRCO69	40	42	2	1324	319	526.8	74.05	254.1	38.62	8.75	23.63	2.74	12.97	2.1	5.54	0.69	4.53	0.7	50.2	17.95	4.01
BRRCO69	42	44	2	713	152.4	302	35.15	123.5	18.61	4.28	13.95	1.48	8.09	1.48	3.85	0.55	3.79	0.59	43.4	33.6	4.92
BRRCO69	44	46	2	1765	434	726.9	91.56	321.8	47.79	10.08	31.7	3.57	16.99	2.78	6.3	0.93	5.67	0.69	64.3	14.25	4.59
BRRCO69	46	48	2	2222	547.7	923.4	117.53	411.5	58	12.15	36.66	4.19	19.34	3.11	7.52	1.07	6.31	0.89	73.6	12.5	4.08
BRRCO69	48	50	2	3953	673.3	2161.2	167.91	592.3	86.65	19.8	55.8	6.35	29.61	5.06	11.94	1.73	9.67	1.37	130.8	12.2	4.81
BRRCO69	50	52	2	1494	245.1	801.8	62.69	227.9	32.36	7.36	23.17	2.62	12.45	2.3	5.62	0.69	4.96	0.68	64.6	13.95	3.03
BRRCO69	52	54	2	2137	364.8	1140.8	86.97	325.3	49.06	10.34	34.35	3.61	17.22	3.11	8.25	1.08	7.46	1.01	84	21.6	3.36
BRRCO69	54	56	2	1475	289.7	682.7	66.31	242.5	38.28	8.02	26.86	3.09	15.78	2.92	7.53	1	6.34	0.95	83.8	19.75	3.42
BRRCO69	56	58	2	1373	283.8	591.8	59.43	217.4	31.78	7.66	25.94	2.99	16.47	3.34	10.1	1.39	8.81	1.34	111.7	19.5	4.14
BRRCO69	58	60	2	1149	246.3	496.1	52.66	179.5	26.33	6.1	18.9	2.3	11.53	2.32	7.04	1.02	6.23	1.09	91.6	17.9	3.57
BRRCO69	72	74	2	1066	239.2	477.6	53.51	179.5	25.28	5.45	16.43	1.85	9.01	1.71	4.26	0.54	3.24	0.47	48.1	18.7	3.96
BRRCO69	74	77	3	922	219.9	426.1	43.36	144	19.89	4.73	12.56	1.38	7.15	1.26	3.34	0.39	2.59	0.38	35.3	14.65	2.56
BRRCO71	36	38	2	2407	584.1	1151.8	122.61	403.4	48.14	9.88	23	2.28	10.14	1.63	3.73	0.46	2.59	0.36	43	29.4	1.38
BRRCO71	38	40	2	2262	540.7	1092.9	117.05	370.7	45.12	9.4	22.48	2.23	9.68	1.55	3.69	0.43	2.6	0.28	43.9	35.7	1.63
BRRCO71	40	42	2	3220	763.6	1485.8	167.3	562	70.41	15.16	37.01	3.59	15.67	2.68	6.94	0.87	4.77	0.73	83.6	42.7	2.1
BRRCO71	42	44	2	6281	1407.6	3020.8	339.44	1142.6	128.18	24.54	58.45	5.71	23.87	3.86	9.47	1.19	7.35	1.03	107.1	45.6	1.92
BRRCO71	44	46	2	4439	919.6	2173.5	228.31	806.8	93.14	19.74	47.04	4.66	20.37	3.52	9.6	1.14	7.51	0.92	103.6	43.4	1.89
BRRCO71	46	48	2	3269	751.8	1657.8	160.06	509.5	59.74	12.15	30.78	2.91	13.02	2.13	4.93	0.58	3.46	0.45	60.1	51.2	1.63
BRRCO71	48	50	2	3839	717.8	2044.6	185.42	665.7	82.59	17.19	39.66	3.71	15.72	2.24	4.93	0.54	3.08	0.4	55.8	47.9	1.51
BRRCO71	50	52	2	2738	559.5	1418.3	135.9	462.9	56.37	11.81	27.44	2.72	10.49	1.67	4.33	0.43	2.55	0.36	43.6	44.5	1.54
BRRCO71	52	54	2	2907	585.3	1479.7	141.33	489.7	64.61	13.08	33.66	3.31	14.23	2.32	5.41	0.67	3.51	0.51	69.7	48.7	1.32
BRRCO71	54	56	2	3346	679.1	1694.6	160.66	577.1	74.47	16.09	40.12	3.99	16.99	2.64	5.88	0.67	3.51	0.5	70.3	50.1	1.79
BRRCO71	56	58	2	3679	751.8	1805.1	184.22	658.7	84.56	17.94	45.77	4.35	19.63	3.15	7.88	1.07	6.09	0.86	88.1	45	1.93
BRRCO71	58	60	2	2883	586.5	1498.1	135.9	458.2	57.76	12.27	30.66	3.09	13.77	2.29	6.17	0.89	5.22	0.81	71.7	46.4	1.97
BRRCO71	60	62	2	3347	708.4	1706.9	161.26	539.8	70.29	14.64	35.39	3.31	15.32	2.34	6.14	0.83	5.07	0.75	76.9	43.8	2.04
BRRCO71	62	64	2	3581	789.4	1743.7	181.8	616.8	76.09	16.55	39.89	4.16	17.85	2.85	6.81	0.92	5.26	0.79	78.2	45.8	2.21
BRRCO71	64	66	2	3119	690.8	1485.8	158.85	546.8	68.78	14.41	36.31	3.71	15.95	2.83	6.76	0.79	4.74	0.65	82.1	45.7	2.33
BRRCO71	66	68	2	3786	829.3	1682.3	203.54	740.4	93.26	20.32	51.88	5.19	22.67	4.03	10.08	1.3	7.69	0.96	114	47.7	2.73
BRRCO71	68	70	2	3662	796.4	1602.5	200.52	720.5	93.14	20.14	51.3	5.15	23.3	4.06	10.69	1.46	10.22	1.44	121.5	38.9	2.47
BRRCO71	70	72	2	3478	729.6	1571.8	195.69	677.4	85.14	19.28	45.54	4.72	20.83	3.44	7.97	1.11	6.94	0.93	108.2	40	2.8
BRRCO71	72	74	2	2486	498.5	1182.5	132.27	453.5	55.79	11.86	31.13	3.23	14.35	2.67	6.75	0.89	5.69	0.98	86.6	35.9	1.89
BRRCO71	74	76	2	2123	441	1011.8	114.39	384.7	48.6	10.01	25.25	2.55	11.2	1.97	4.64	0.61	3.84	0.69	62.3	33.1	1.78
BRRCO71	76	78	2	2016	416.4	955.3	109.92	367.2	46.28	9.73	23.75	2.55	12.22	2.06	4.74	0.69	3.9	0.51	61.2	38.3	1.8
BRRCO71	78	80	2	1181	259.2	552.6	60.76	202.3	26.33	5.44	15.04	1.59	7.78	1.38	3.02	0.39	2.67	0.36	42.4	26.8	1.44
BRRCO71	80	82	2	844	195.8	395.4	42.64	135.2	18.21	4.35	10.42	1.19	5.55	1	2.61	0.35	2.05	0.27	29.7	20.1	1.32
BRRCO71	82	84	2	1708	363.6	825.2	90.6	297.3	37.35	7.82	19.08	2.11	9.14	1.53	3.55	0.44	2.81	0.45	47.7	30.3	2.49
BRRCO72	30	32	2	625	213.4	182.3	39.98	120	16.47	3.71	10.95	1.23	5.46	1.06	2.2	0.29	1.54	0.22	27.1	46.7	2.54
BRRCO72	32	34	2	776	260.4	221	48.19	141.6	20.7	4.14	13.77	1.65	7.78	1.46	3.47	0.45	2.51	0.42	48.8	55.2	2.87
BRRCO72	34	36	2	980	341.3	250.5	62.57	197.6	27.95	5.88	18.67	2.18	10.57	1.82	3.97	0.53	3.13	0.42	53.7	52.7	2.9
BRRCO72	36	38	2	2025	601.7	660.6	129.25	408.1	58.46	12.62	34.7	4.21	19.57	3.19	7.29	0.82	4.96	0.61	79.7	56.1	3.57
BRRCO72	38	40	2	2296	472.7	1129.7	120.8	380.1	54.28	12.04	29.28	3.62	16.18	2.71	6.04	0.75	4.82	0.75	62.6	55.8	4.23

Hole	From m	To m	Interval m	TREO ppm	La ₂ O ₃ ppm	CeO ₂ ppm	Pr ₆ O ₁₁ ppm	Nd ₂ O ₃ ppm	Sm ₂ O ₃ ppm	Eu ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Er ₂ O ₃ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Y ₂ O ₃ ppm	Th ppm	U ppm
BRRC072	40	42	2	3342	418.7	2241.1	107.51	391.7	56.14	11.58	30.09	3.38	16.81	2.47	6.14	0.6	4.55	0.5	50.8	34.8	4.39
BRRC072	42	44	2	2767	333.1	1799	96.39	336.9	50.8	11.39	30.32	3.61	17.16	2.89	7.13	0.85	5.39	0.72	71.6	25.7	5.15
BRRC072	44	46	2	2881	348.3	1805.1	113.06	401.1	58.23	12.56	32.39	4.16	18.42	2.97	7.12	0.95	6.21	0.81	70.6	31.3	4.98
BRRC072	46	48	2	2933	500.8	1590.2	136.5	461.7	62.06	14.47	36.43	4.21	20.26	3.46	7.6	1.09	6.52	0.94	87.2	34.8	3.97
BRRC072	48	50	2	2910	733.1	1002	180.59	629.6	89.55	20.26	54.42	6.36	30.42	5.03	12	1.73	10.75	1.55	132.7	51.6	4.27
BRRC072	50	52	2	2589	627.5	983.6	163.68	532.8	69.83	15.74	42.66	5.05	23.3	4.12	9.42	1.25	7.83	1.26	101.3	42.3	4.38
BRRC072	52	54	2	1651	310.8	706.1	96.51	347.4	48.72	10.71	26.28	3.17	15.09	2.54	6.72	0.93	6.29	1	69	42.3	4.23
BRRC072	54	56	2	1800	370.6	757.6	92.17	341.6	48.83	10.53	33.55	3.92	18.88	3.31	8.98	1.07	7.15	0.94	101.4	48.1	3.52
BRRC072	56	58	2	1194	241.6	501	61.97	233.2	33.87	7.58	21.9	2.66	14.4	2.3	5.9	0.73	4.97	0.6	62.1	48.7	3.25
BRRC072	58	60	2	1429	282.6	595.5	80.09	286.8	41.41	9.17	27.21	3.03	14.52	2.64	6.46	0.91	5.26	0.79	72.8	42.4	3.69
BRRC072	60	62	2	1478	229.9	632.4	72.48	289.1	45.58	11.37	37.01	4.35	22.78	3.89	8.8	1.14	6.5	0.87	112.5	42.3	3.74
BRRC072	62	64	2	1484	234	692.5	68.13	247.1	36.19	8.4	28.36	3.37	18.48	3.82	9.6	1.25	7.09	1.14	124.9	28.4	4.49
BRRC072	64	66	2	1245	205.8	551.3	61.97	226.2	34.68	7.87	24.78	2.92	14.46	3.01	8.05	1.05	6.69	1.22	95.8	33.6	5.11
BRRC072	66	68	2	1435	242.8	556.2	77.43	286.8	42.57	10.37	29.86	3.79	18.65	3.62	10.09	1.5	9.1	1.55	140.9	18	4.95
BRRC072	68	70	2	1296	243.9	481.3	66.44	241.3	37.7	8.93	26.98	3.46	17.1	3.89	10.59	1.57	9.33	1.59	142.8	19.65	4.04
BRRC072	70	72	2	1235	205.2	475.2	59.31	213.9	35.38	7.95	27.21	3.51	18.76	3.75	11.2	1.75	10.63	1.79	160	40.6	6.42
BRRC072	72	74	2	889	175.9	359.8	46.74	164.9	23.66	5.33	16.48	1.96	9.36	1.97	4.93	0.74	4.33	0.77	72.5	59.1	4.84
BRRC072	74	76	2	1168	229.9	519.4	58.95	204.6	29.11	6.85	20	2.22	11.59	2.15	5.23	0.75	4.44	0.75	72.8	47.8	4.83
BRRC072	76	78	2	1082	208.7	480.1	57.01	198.8	29.46	6.89	19.13	2.26	10.69	1.92	4.76	0.61	3.82	0.56	58.2	41.1	5.59
BRRC072	78	80	2	1033	191.1	453.1	53.63	189.4	29.92	6.21	18.44	2.25	11.45	2.06	4.69	0.65	4.52	0.65	65.1	39.8	4.31
BRRC072	80	82	2	999	194.7	433.4	51.82	184.2	27.6	5.68	17.87	2.17	10.3	2.01	4.9	0.63	3.95	0.6	59.4	43	4.04
BRRC072	82	84	2	920	178.2	388	47.11	180.1	26.44	5.26	16.19	1.91	9.24	1.62	4.61	0.59	3.7	0.61	56.5	31.2	4.11
BRRC073	54	56	2	1147	300.2	525.5	63.05	182.4	21.17	4.79	10.57	1.16	5.61	0.95	2.19	0.36	2.14	0.34	26.9	21	2.69
BRRC073	56	58	2	1100	337.8	485	60.76	163.8	15.54	3.03	7.57	0.79	3.77	0.51	1.33	0.2	1.43	0.22	18.4	20.7	2.8
BRRC073	58	60	2	1125	341.3	464.1	70.66	193.5	18.09	3.96	8.48	0.95	4.32	0.66	1.64	0.22	1.2	0.19	16.7	20.9	2.63
BRRC073	60	62	2	984	261.5	440.8	57.13	169	17.34	3.82	8.08	0.88	3.77	0.65	1.82	0.23	1.45	0.21	17.7	17.1	2.29
BRRC073	62	64	2	1088	239.2	580.8	51.46	157.4	16.47	3.36	8.64	0.97	4.14	0.68	2.12	0.28	1.95	0.23	20.8	19.1	3.26
BRRC073	64	66	2	1105	226.3	583.3	52.66	169.6	20.7	4.36	10.51	1.22	5.2	0.88	2.46	0.31	1.89	0.35	25.5	24.6	3.91
BRRC074	18	24	6	646	189.4	244.9	35.75	117.1	16.06	3.02	8.05	0.94	4.13	0.77	2.01	0.23	1.56	0.19	22.2	23.3	2.37
BRRC074	24	30	6	1543	403.5	604.1	90.47	305.4	39.09	7.44	21.27	2.31	11.48	1.78	4.06	0.51	2.95	0.35	48.3	16.45	1.36
BRRC074	30	36	6	936	196.4	483.8	43.48	143.4	19.19	4.19	11.64	1.34	5.87	0.95	2.09	0.19	1.18	0.13	22.9	18.45	1.62
BRRC074	36	38	2	1625	477.4	614	93.74	288	35.03	7.95	22.54	2.56	12.74	2.12	5.78	0.62	3.26	0.39	59.3	25.4	2.36
BRRC074	38	40	2	578	113.8	270.1	28.62	96.3	13.57	3.38	9.32	1.08	5.96	0.99	2.46	0.27	1.76	0.2	30.7	24.2	1.76
BRRC074	40	42	2	791	163.6	351.2	41.43	142.8	19.77	4.64	12.62	1.57	8.16	1.23	3.14	0.34	1.87	0.19	38.7	24.3	1.66
BRRC074	42	44	2	886	185.9	348.7	52.3	191.2	29.23	5.73	17.98	2.3	10.81	1.67	3.5	0.38	1.86	0.18	35	39	1.95
BRRC074	44	46	2	808	177.1	369.6	43	143.4	21.34	4	13.83	1.69	7.72	1.12	2.28	0.2	0.83	0.11	22	30.2	1.6
BRRC074	46	48	2	792	164.2	368.4	40.83	142.8	20.82	3.56	12.97	1.52	7.47	1.03	2.65	0.27	1.27	0.12	24.6	26.3	1.76
BRRC074	48	50	2	588	148.3	264	29.95	96.3	12.18	2.51	7.59	0.88	4.71	0.69	1.58	0.13	1.05	0.07	18.2	54.9	1.68
BRRC074	50	52	2	968	231	442	54.84	175.4	22.5	3.98	10.6	1.29	5.8	0.84	1.66	0.19	1.03	0.14	17.6	50.7	2.45
BRRC074	52	54	2	1319	296.7	528	79.72	281	41.64	7.71	23.52	2.65	13.02	1.84	3.54	0.41	2.39	0.21	37.5	23.4	2.59
BRRC074	54	56	2	1819	419.9	956.6	83.71	261.1	33.4	6.53	16.19	1.64	7.9	1.1	2.91	0.33	1.84	0.22	26.4	22.9	3.26
BRRC074	56	58	2	1272	275.6	674.1	59.31	188.3	24.59	4.52	12.79	1.41	6.44	1.03	2.03	0.28	1.6	0.18	20.8	26.9	4.55

Hole	From m	To m	Interval m	TREO ppm	La ₂ O ₃ ppm	CeO ₂ ppm	Pr ₆ O ₁₁ ppm	Nd ₂ O ₃ ppm	Sm ₂ O ₃ ppm	Eu ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Er ₂ O ₃ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Y ₂ O ₃ ppm	Th ppm	U ppm
BRRC074	58	60	2	1708	351.9	826.4	89.87	304.3	43.96	7.71	22.07	2.55	11.18	1.83	4.03	0.44	2.63	0.25	39.8	20.2	3.82
BRRC074	66	72	6	301	108.6	100.3	16.79	49.6	5.41	1.52	3.21	0.36	2.3	0.32	0.9	0.12	1.08	0.17	11	91.4	1.98
BRRC074	72	78	6	293	84.8	122	13.34	40.2	5.62	1.52	3.67	0.54	2.52	0.51	1.34	0.18	1.25	0.15	15.6	24.4	2.33
BRRC074	78	80	2	655	157.1	294.7	31.04	103.4	14.09	3.28	9.53	1.05	5.51	1.06	2.66	0.35	2.28	0.23	28.9	30.4	4.17
BRRC074	80	82	2	802	160.1	343.8	39.74	150.9	21.92	4.65	12.74	1.59	8.44	1.55	4.38	0.69	4.31	0.57	47.2	19.7	3.92
BRRC074	82	84	2	3751	823.4	1181.3	234.95	840.6	125.28	24.54	81.28	10.63	54.87	10	28.68	4.09	28.36	3.5	299.7	32.2	3.83
BRRC074	84	86	2	20538	2029.2	2296.3	741.71	3288.1	613.64	145.9	721.77	101.37	673.87	165.02	586.35	92.5	635.56	103.12	8343.9	35.4	4.11
BRRC074	86	88	2	13146	1782.9	2044.6	561.72	2273.7	416.44	98.31	430.06	62.91	407.54	95	330.32	51.39	369.03	57.3	4165.6	46.5	6.04
BRRC074	88	90	2	1527	297.9	395.4	88.06	334.6	49.53	9.61	39.31	5.06	28.7	5.87	18.68	2.83	18.67	2.77	230.5	40.1	3.37
BRRC074	90	92	2	1590	281.5	445.7	82.86	318.3	51.73	9.98	41.39	5.3	31.68	6.69	20.91	3.17	22.21	3.28	265.4	37	3.3
BRRC074	92	94	2	1024	202.3	380.6	53.27	188.8	31.55	4.33	23.52	2.75	15.84	3.01	8.74	1.23	7.54	0.98	99.8	24	1.73
BRRC074	94	96	2	811	159.5	304.5	40.22	142.8	22.21	3.55	17.58	2.18	12.97	2.39	7.6	1.16	6.94	1.03	87.2	31.3	2.37
BRRC074	96	99	3	922	178.8	297.1	47.83	177.2	28.18	5.34	19.48	2.72	15.49	3.23	9.98	1.47	10.84	1.52	123	31.6	2.12
BRRC074	96	99	3	922	178.8	297.1	47.83	177.2	28.18	5.34	19.48	2.72	15.49	3.23	9.98	1.47	10.84	1.52	123	31.6	2.12
BRRC074	96	99	3	922	178.8	297.1	47.83	177.2	28.18	5.34	19.48	2.72	15.49	3.23	9.98	1.47	10.84	1.52	123	31.6	2.12
BRRC074	96	99	3	922	178.8	297.1	47.83	177.2	28.18	5.34	19.48	2.72	15.49	3.23	9.98	1.47	10.84	1.52	123	31.6	2.12
BRRC078	24	26	2	158	31.7	83.6	6.42	18.8	3.17	0.61	1.91	0.23	1.44	0.3	0.75	0.13	0.82	0.12	8.2	24.8	2.24
BRRC078	26	28	2	336	52.7	221	10.5	31.5	4.28	0.82	1.93	0.29	1.4	0.32	1.01	0.17	1.12	0.2	9.6	26.5	2.47
BRRC078	28	30	2	859	95	649.6	19.2	57.8	7	1.43	4.2	0.51	2.68	0.46	1.73	0.27	1.74	0.26	17.7	34.2	4.01
BRRC078	30	32	2	1895	89.6	1663.9	22.89	71.7	11.6	2.46	5.9	0.91	4.72	0.76	2.52	0.37	2.58	0.42	15.4	52.6	6.4
BRRC078	32	34	2	471	75.8	292.2	16.3	51.7	8.07	1.78	4.32	0.56	3.57	0.57	1.57	0.25	1.68	0.2	12.7	46.3	4.83
BRRC078	34	36	2	407	117.1	160.8	22.52	70.8	9.84	1.94	4.64	0.62	3.44	0.42	1.26	0.2	1.41	0.2	12.3	48.6	3.2
BRRC078	36	38	2	1948	614.6	739.2	107.99	313.6	38.16	7.65	20.29	2.16	10.81	2.13	6.2	0.83	5.11	0.61	79.1	32.1	1.7
BRRC078	38	40	2	2483	675.6	1005.7	137.71	446.5	54.63	12.21	31.93	3.22	15.55	2.6	6.68	0.89	4.45	0.55	85.7	42.9	1.94
BRRC078	40	42	2	689	190	321.7	34.66	102.4	12	3.71	5.81	0.56	2.77	0.42	1.07	0.12	0.74	0.12	13.4	19.1	1.26
BRRC078	42	44	2	2676	605.2	1387.6	129.86	401.1	49.64	9.28	25.25	2.78	12.11	1.76	3.74	0.41	2.64	0.35	44.4	60.2	3.38
BRRC078	44	46	2	1692	357.7	925.9	74.53	233.2	30.5	5.85	15.91	1.81	8.17	1.18	2.98	0.36	2.06	0.27	32.2	44.9	2.87
BRRC078	46	48	2	1554	304.9	870.6	65.23	210.4	27.84	5.36	15.16	1.57	7.76	1.2	3.09	0.37	2.65	0.36	38.2	40.7	3
BRRC078	48	50	2	1823	414	913.6	87.58	279.8	33.75	6.36	18.39	1.83	9.22	1.47	3.63	0.58	3.41	0.6	48.8	44.9	3.62
BRRC078	50	52	2	2095	469.2	1056	101.83	329.9	40.48	7.64	19.6	2.11	9.82	1.69	4.45	0.59	3.82	0.6	47.7	54.3	3.48
BRRC078	52	54	2	1885	479.7	811.7	104.25	339.3	42.34	8.08	21.44	2.21	10.83	1.74	4.84	0.61	4.44	0.61	53.4	45.7	2.97
BRRC078	54	56	2	3273	714.3	878	238.58	939.7	133.4	26.4	72.4	7.92	37.65	6.14	16.45	2.62	17.08	2.76	180.3	31.2	3.31
BRRC078	56	58	2	1948	428.1	688.9	124.42	473.3	66.12	13.2	35.62	3.66	16.81	2.65	7.89	0.98	6.41	1.12	79.1	15.3	2.32
BRRC078	58	60	2	1748	350.7	790.8	92.65	334.6	44.31	9.39	25.48	2.75	13.08	2.2	5.95	0.98	5.77	0.87	68.7	23.6	2.69
BRRC078	60	62	2	1932	409.3	909.9	93.98	317.1	43.73	9.27	26.74	2.86	15.21	2.68	6.8	0.97	4.87	0.86	87.8	25.2	3.08
BRRC078	62	64	2	2153	465.6	975	112.22	384.7	53.01	11.69	32.16	3.44	16.47	2.72	6.21	0.81	4.29	0.61	84.4	26.1	3.54
BRRC078	64	66	2	1946	421.1	863.2	103.88	360.2	50.34	11.12	29.74	3.19	15.38	2.53	5.93	0.73	3.94	0.59	75.1	23	3.3
BRRC078	66	68	2	1619	362.4	757.6	81.05	265.8	34.56	7.24	18.85	1.91	9.84	1.69	4.51	0.7	4.97	0.62	67.6	19.95	3.12
BRRC078	68	70	2	1528	338.9	711	82.62	261.1	31.78	7.39	18.56	1.92	9.26	1.48	4.2	0.51	3.32	0.43	55.7	23.3	3.45
BRRC078	70	72	2	1418	326	642.2	74.41	249.5	32.24	7.01	18.27	1.92	9.24	1.44	3.89	0.45	2.95	0.42	48.3	17.2	3.53
BRRC078	72	74	2	1459	340.1	659.4	75.86	254.1	31.32	7.37	19.65	2.06	9.95	1.51	4	0.49	2.93	0.44	49.9	18.75	3.42
BRRC078	74	76	2	1149	217	562.4	61.97	204.6	25.75	6.11	15.5	1.59	8.21	1.28	3.34	0.43	2.56	0.32	38.6	17.55	3.71

Hole	From m	To m	Interval m	TREO ppm	La ₂ O ₃ ppm	CeO ₂ ppm	Pr ₆ O ₁₁ ppm	Nd ₂ O ₃ ppm	Sm ₂ O ₃ ppm	Eu ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Er ₂ O ₃ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Y ₂ O ₃ ppm	Th ppm	U ppm
BRRC078	76	78	2	1160	288.5	542.7	60.15	186.5	22.33	4.68	11.53	1.22	5.99	0.97	2.75	0.34	2.14	0.26	30.6	24.8	2.99
BRRC078	78	80	2	1039	246.3	481.3	56.05	177.8	21.22	4.14	11.49	1.19	5.63	0.98	2.51	0.31	1.64	0.29	28.9	34.8	3.17
BRRC078	80	82	2	877	209.3	419.9	43.36	137	16.29	3.16	9.02	0.99	5.21	0.9	2.14	0.33	1.94	0.29	28	32.1	3.05
BRRC078	82	84	2	1273	322.5	607.8	63.42	195.8	23.78	4.66	12.04	1.28	6.18	0.98	2.56	0.29	2.3	0.32	29.5	34.9	2.47
BRRC079	24	26	2	509	73.8	300.8	15.7	52.8	10.4	2.89	7.99	1.21	6.8	1.13	3.44	0.46	2.75	0.44	28.9	9.37	3.53
BRRC079	26	28	2	1362	323.7	498.5	68.85	234.3	39.78	10.3	32.51	4.43	24.1	3.86	10.37	1.3	8.23	0.94	100.9	12.15	5.16
BRRC079	28	30	2	962	245.1	361	45.54	152.7	23.89	5.45	19.88	2.52	13.94	2.53	6.34	0.83	5.25	0.73	77	15.55	2.78
BRRC079	30	32	2	443	100.2	178	19.93	64.5	10.66	2.31	8.56	1.02	6.14	1.21	3.4	0.46	2.55	0.4	43.8	20.5	4.27
BRRC079	32	34	2	643	160.1	295.9	29.71	92.6	12.41	2.01	8.64	0.97	5.52	0.95	2.53	0.3	1.84	0.27	29.7	18.2	2.99
BRRC079	34	36	2	722	116	277.5	35.39	137.5	25.75	3.48	19.71	2.68	15.09	2.54	6.33	0.82	4.93	0.62	74.5	10.1	3.62

Appendix One

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	<ul style="list-style-type: none"> Nature and quality of sampling (e.g.: cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc.). These examples should not be taken as limiting the broad meaning of sampling. Measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (e.g.: 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g.: submarine nodules) may warrant disclosure of detailed information. 	<ul style="list-style-type: none"> 81 4.5 inch Reverse Circulation (RC) and 3.5 inch Air Core (AC) drill holes for 5,074 m (1,825 m AC and 3,249 m RC) were drilled within the newly defined Jupiter target (see <i>Venture Minerals announcement to the ASX 9 November 2023</i>). The RC and AC drill cuttings were collected from the drill rig cyclone in 1 m intervals, bagged and arranged in rows on site for assay sampling. Composite samples representing 2 to 6 m intervals were collected as appropriate by sampling spear from the bulk 1 m samples. Drilling and sampling was supervised by a suitably qualified Venture Minerals geologist. Samples were submitted to commercial assay laboratory ALS Geochemistry ("ALS") for assay.
Drilling techniques	<ul style="list-style-type: none"> Drill type (e.g.: core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g.: core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc.). 	<ul style="list-style-type: none"> This report is based on 52 holes drilled with a Schramm 450 RC rig with booster and auxiliary compressor and 29 holes with a KL 150 AC rig, both operated by KTE Mining Services Pty Ltd. Both rigs were operated with blades (4.5 inch blades for RC and 3.5 inch blade for AC) and holes were drilled to blade refusal in near fresh to fresh rock.
Drill sample recovery	<ul style="list-style-type: none"> Method of recording and assessing core and chip sample recoveries and results assessed. Measures taken to maximise sample recovery and ensure representative nature of the samples. Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material. 	<ul style="list-style-type: none"> The bulk RC and AC samples were visually assessed and considered representative with good recovery. Most of the holes encountered water but it did not significantly impact recovery or sample representativity.
Logging	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> All holes were qualitatively geologically logged by suitably qualified Venture Minerals geologists. Mineral Resources have not been estimated. The detail of geological logging is considered sufficient for mineral exploration.
Sub-sampling techniques and sample preparation	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> Drill composites of 2 to 6 m length were collected by sampling spear from the bulk 1 m samples. Assay sample weights ranged from 0.8-5 kg. Sample sizes is considered appropriate for the material sampled. Commercial assay standards were included in the laboratory submittals at a rate of c. one per 30 samples. Field duplicate samples were collected at a rate of one duplicate per mineralised zone (c. 1 per 40 samples). The assay results match observed mineralisation well and the 2 to 6 m sample lengths and sizes are considered appropriate for the observed mineralisation.

Criteria	JORC Code explanation	Commentary
Quality of assay data and laboratory tests	<ul style="list-style-type: none"> The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total. For geophysical tools, spectrometers, handheld XRF instruments, etc., the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc. Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established. 	<ul style="list-style-type: none"> All samples were submitted to ALS Geochemistry, Perth ("ALS") where they were oven dried then pulverized to P80 -75 microns (method PUL-23). Assaying of drill samples was conducted by ALS using a lithium borate fusion at 1025 deg C followed by nitric + hydrochloric + hydrofluoric acid digestion of the resultant glass bead and ICP-MS finish for 32 elements including full REE suite (ALS method ME-MS81). Internal commercial assay standards all reported within 20% of the reference values for all REEs + Y and >90% of the assay standards reported within 10% of the reference values.
Verification of sampling and assaying	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> The use of twinned holes is not applicable at this stage. The assay results are compatible with observed mineralogy. Primary data is stored and documented in industry standard ways. Venture Minerals assay data is as reported by ALS and has not been adjusted in any way. Remnant assay pulps are currently held in storage by ALS.
Location of data points	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> Drill hole locations were determined by handheld GPS with a nominal accuracy of +/- 5 metres. All coordinates and maps presented here are in the MGA Zone 50 GDA94 system. Topographic control is provided by Worldwide 3 arc second SRTM spot height data.
Data spacing and distribution	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> The reported drilling is part of a preliminary grid based resource drill out and was mostly conducted on 500 m spacing along cleared lines 1 km apart. The assay results reported here are for 2 to 6 m intervals composited from the bulk 1 m RC and AC sample intervals.
Orientation of data in relation to geological structure	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> The RC and AC holes were drilled vertically along existing pastoral tracks. The intersected clay and saprolite zones blanket weathered granitoid basement such that downhole thickness approximate true thickness.
Sample security	<ul style="list-style-type: none"> The measures taken to ensure sample security. 	<ul style="list-style-type: none"> The chain of custody for all Venture Minerals samples from collection to dispatch to assay laboratory was managed by Venture Minerals personnel. Sample numbers are unique and do not include any locational or interval information useful to non-Venture Minerals personnel. The level of security is considered appropriate for such exploration drilling.
Audits or reviews	<ul style="list-style-type: none"> The results of any audits or reviews of sampling techniques and data. 	<ul style="list-style-type: none"> Duplicate sampling at a rate of 1 field duplicate per mineralised zone (1 per c. 40 samples) was used to evaluate sampling error and is acceptable for such exploration drilling. The RC and AC drilling results are compatible with Venture Minerals' previously reported AC drilling results. Laboratory assays are compatible with field pXRF data.

Section 2 Reporting of Exploration Results

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

Criteria	JORC Code explanation	Commentary																																
Mineral tenement and land tenure status	<ul style="list-style-type: none"> Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings. The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area. 	<ul style="list-style-type: none"> The Brothers REE Project consists of granted Exploration Licences E59/2710, E59/2711, E59/2819, E59/2820, E59/2821, E59/2827, E59/2421 and E59/2463. E59/2710, E59/2711, E59/2819, E59/2820, E59/2821, and E59/2827 area held 100% held by Tasmanian Rare Earth Pty Ltd a wholly owned subsidiary of Venture Minerals. E59/2421 and E59/2463 are subject of a Joint Venture between Venture Minerals and owners Merchant Ventures Pty Ltd. 																																
Exploration done by other parties	<ul style="list-style-type: none"> Acknowledgment and appraisal of exploration by other parties. 	<ul style="list-style-type: none"> Documented previous explorers within the area now covered by the Brothers Project include North Flinders Mines Ltd, CRA Exploration Pty Ltd, Spark Energy Pty Ltd, Arcadia Minerals Ltd, Babalya Gold Pty Ltd, Burmine Ltd, Equigold NL, Equinox Resources NL, Jervois Mining Ltd, Minjar Gold Pty Ltd, Mount Magnet South NL, Sons Of Gwalia Ltd and David Ross. Refer to previous Venture Minerals announcements to the ASX and also available from http://ventureminerals.com.au 																																
Geology	<ul style="list-style-type: none"> Deposit type, geological setting and style of mineralisation. 	<ul style="list-style-type: none"> The Brothers REE exploration area is situated within the Western Australian Archean Yilgarn Craton and mostly comprises Cenozoic cover sequence overlying an extensive Archean monzogranite complex (the Big Bell and Walganna suites). 																																
Drill hole Information	<ul style="list-style-type: none"> A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes: <ul style="list-style-type: none"> easting and northing of the drill hole collar elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar dip and azimuth of the hole down hole length and interception depth hole length. If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case. 	<ul style="list-style-type: none"> Location and orientation details are given in Table 2. Collar location was determined by handheld Garmin GPS64sx and is considered accurate to ±5m. All coordinates and maps presented here are in the MGA Zone 50 GDA94 system. Topographic control is provided by Worldwide 3 arc second SRTM spot height data. Refer to <i>ASX Announcements 9 May 2023</i> and <i>1 August 2023</i> for historic RC drill results and initial Brothers Project AC drill results respectively. 																																
Data aggregation methods	<ul style="list-style-type: none"> In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated. Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail. The assumptions used for any reporting of metal equivalent values should be clearly stated. 	<ul style="list-style-type: none"> Full sample assay interval results without aggregation methods are given in Table 3. Metal equivalents have not been applied. Refer to <i>ASX Announcement 9 May 2023</i> for historic drilling. Standard element to oxide conversion factors have been used. Individual REE values in Table 2 and 3 are rounded to appropriately reflect reporting precision and the TREO field was calculated on an unrounded basis. <table border="1" data-bbox="831 1742 1426 1953"> <tbody> <tr> <td>La₂O₃</td> <td>1.173</td> <td>Tb₄O₇</td> <td>1.176</td> </tr> <tr> <td>CeO₂</td> <td>1.228</td> <td>Dy₂O₃</td> <td>1.148</td> </tr> <tr> <td>Pr₆O₁₁</td> <td>1.208</td> <td>Ho₂O₃</td> <td>1.146</td> </tr> <tr> <td>Nd₂O₃</td> <td>1.166</td> <td>Er₂O₃</td> <td>1.143</td> </tr> <tr> <td>Sm₂O₃</td> <td>1.16</td> <td>Tm₂O₃</td> <td>1.142</td> </tr> <tr> <td>Eu₂O₃</td> <td>1.158</td> <td>Yb₂O₃</td> <td>1.139</td> </tr> <tr> <td>Gd₂O₃</td> <td>1.153</td> <td>Lu₂O₃</td> <td>1.137</td> </tr> <tr> <td></td> <td></td> <td>Y₂O₃</td> <td>1.27</td> </tr> </tbody> </table>	La ₂ O ₃	1.173	Tb ₄ O ₇	1.176	CeO ₂	1.228	Dy ₂ O ₃	1.148	Pr ₆ O ₁₁	1.208	Ho ₂ O ₃	1.146	Nd ₂ O ₃	1.166	Er ₂ O ₃	1.143	Sm ₂ O ₃	1.16	Tm ₂ O ₃	1.142	Eu ₂ O ₃	1.158	Yb ₂ O ₃	1.139	Gd ₂ O ₃	1.153	Lu ₂ O ₃	1.137			Y ₂ O ₃	1.27
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Relationship between mineralisation widths and intercept lengths	<ul style="list-style-type: none"> These relationships are particularly important in the reporting of Exploration Results. If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. 	<ul style="list-style-type: none"> The intersected clay and saprolite zones blanket weathered granitoid basement such that downhole thickness approximate true thickness. 																																

Criteria	JORC Code explanation	Commentary
	<ul style="list-style-type: none"> If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known'). 	
Diagrams	<ul style="list-style-type: none"> Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported. These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views. 	<ul style="list-style-type: none"> Appropriate exploration maps are included in this release.
Balanced reporting	<ul style="list-style-type: none"> Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results. 	<ul style="list-style-type: none"> Complete assay results for the announced intersections are included in Table 3.
Other substantive exploration data	<ul style="list-style-type: none"> Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances. 	<ul style="list-style-type: none"> The results are considered indicative only of the mineralisation in the area. Refer to <i>ASX Announcements 9 May 2023 and 9 November 2023</i> for significant historic drill holes, geochemical results and geophysical survey information. The project is at a reconnaissance exploration stage and bulk density, geotechnical, hydrogeological and metallurgical work have yet to be done.
Further work	<ul style="list-style-type: none"> The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling). Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive. 	<ul style="list-style-type: none"> Venture proposes to better define the identified REE mineralisation at the Jupiter target by further AC and RC drilling, and additionally continue to reconnaissance drill test satellite targets within the broader Brothers REE project area. Venture is currently commissioning metallurgical assays (including leachability) on selected mineralised intervals. Appropriate exploration target maps are included in this release.