

Jupiter Drilling Continues to Deliver Broad High Grade REE Mineralisation including a Record NdPr Intersection of over 5,000 ppm

The Board of Venture Minerals (ASX: VMS) is pleased to announce the second 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, located in the Mid-West region of Western Australia (See Figure 2). **The latest drilling includes a record intersection of the critical Rare Earth elements Nd (Neodymium) and Pr (Praseodymium) at the Jupiter Prospect.**

Highlights

- Drilling continues to deliver consistent high-grade zones (+2,000ppm TREO¹) over 20-30 m widths.
- Record intersection of **5,056 ppm NdPr oxides** in BRRC 061 with:
 - **3,824 ppm Nd₂O₃ (Neodymium)**
 - **1,232 ppm Pr₆O₁₁ (Praseodymium).**
- Several high-grade results over 1,000 ppm NdPr oxides.
- Very high-grade results in BRRC 061 & 076 including **assays up to 13,906 ppm TREO**.
- High grade zones sit within broader zones up to 72 m grading well over 1,000 ppm TREO.
- Magnet Rare Earth Oxides (MREO²) continue to average 23% in intersections over +1,000 ppm TREO.
- Elevated levels of Samarium, used in defence applications, grading up to 389 ppm Sm₂O₃.
- Thorium and Uranium remain consistently, extremely low.
- Results continue to validate geophysics and cover only a small portion of the 40 km² target (See Figures 1,3 to 5).

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

Hole No.	Intersection(m)	TREO (ppm)	including
BRAC043	48	1,658	10 m @ 2,124 ppm and 14 m @ 2,044 ppm
BRRC043	72	1,406	
BRRC045	36	1,991	28 m @ 2,309 ppm
BRRC046	42	1,819	22 m @ 2,070 ppm
BRRC047	30	1,537	12 m @ 2,326 ppm
BRRC061	9	5,020	2 m @ 13,906 ppm
BRRC075	41	1,521	14 m @ 2,109 ppm
BRRC076	25	2,711	12 m @ 4,131 ppm
BRRC080	42	2,154	16 m @ 3,324 ppm

Venture's Managing Director commented,

"Jupiter continues to deliver broad zones of high-grade mineralisation with standout levels of REE minerals that are in high demand. The record intersection of over 5,000 ppm of NdPr oxides in these results compliments the previous batch of very-high grade results. Neodymium and Praseodymium are vital to the manufacture of permanent magnets for decarbonisation and defence applications."

"The scale, high-grade nature of the results and prime location of the project provide all the necessary ingredients to position Jupiter as a Major, Rare Earths discovery."

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 updated significant intersections on Bouguer gravity 2.67 anomaly as defined by recent high resolution ground gravity surveying. For the marked east-west section lines please refer to Figure 5 for the drilling cross sections.

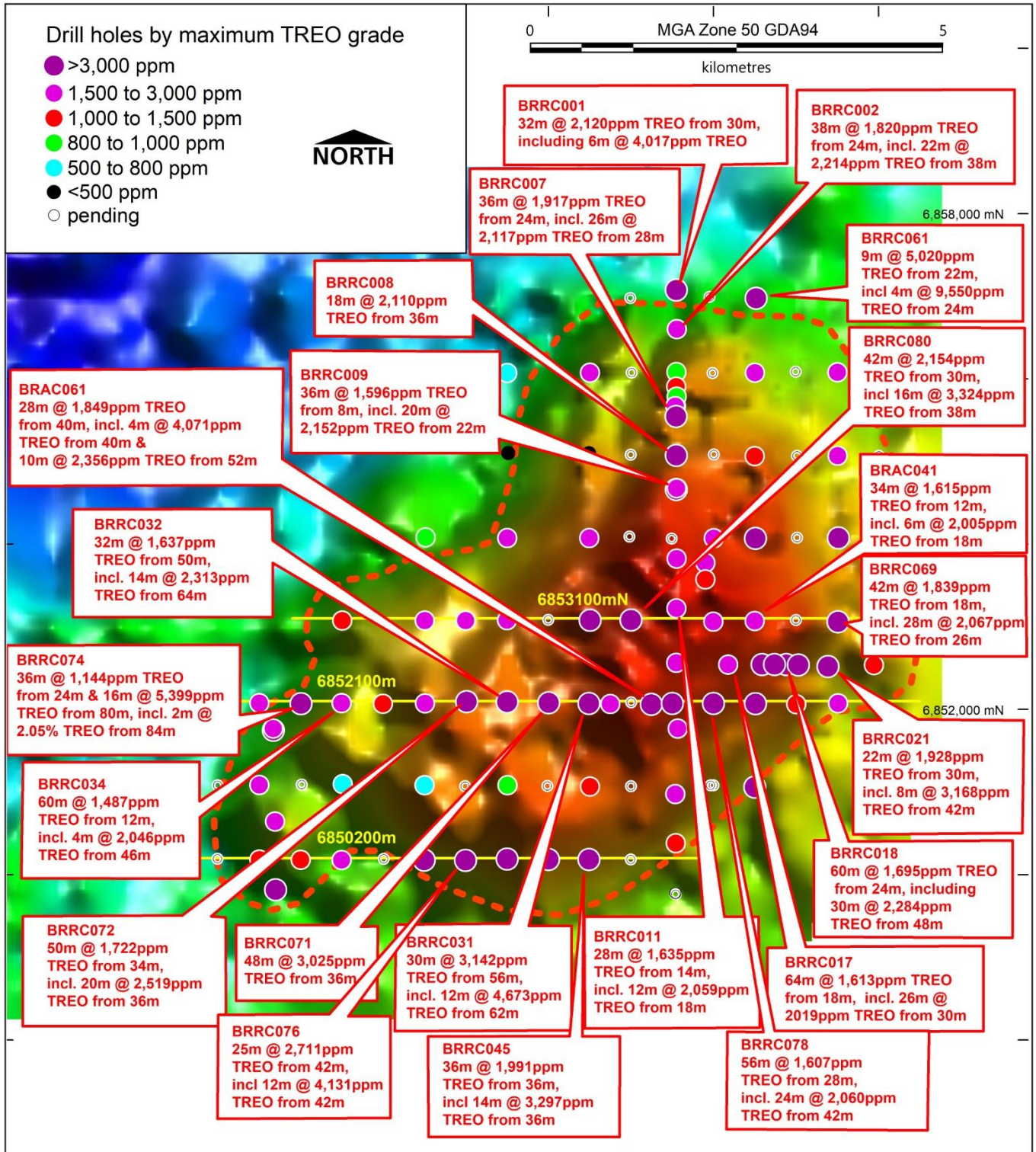
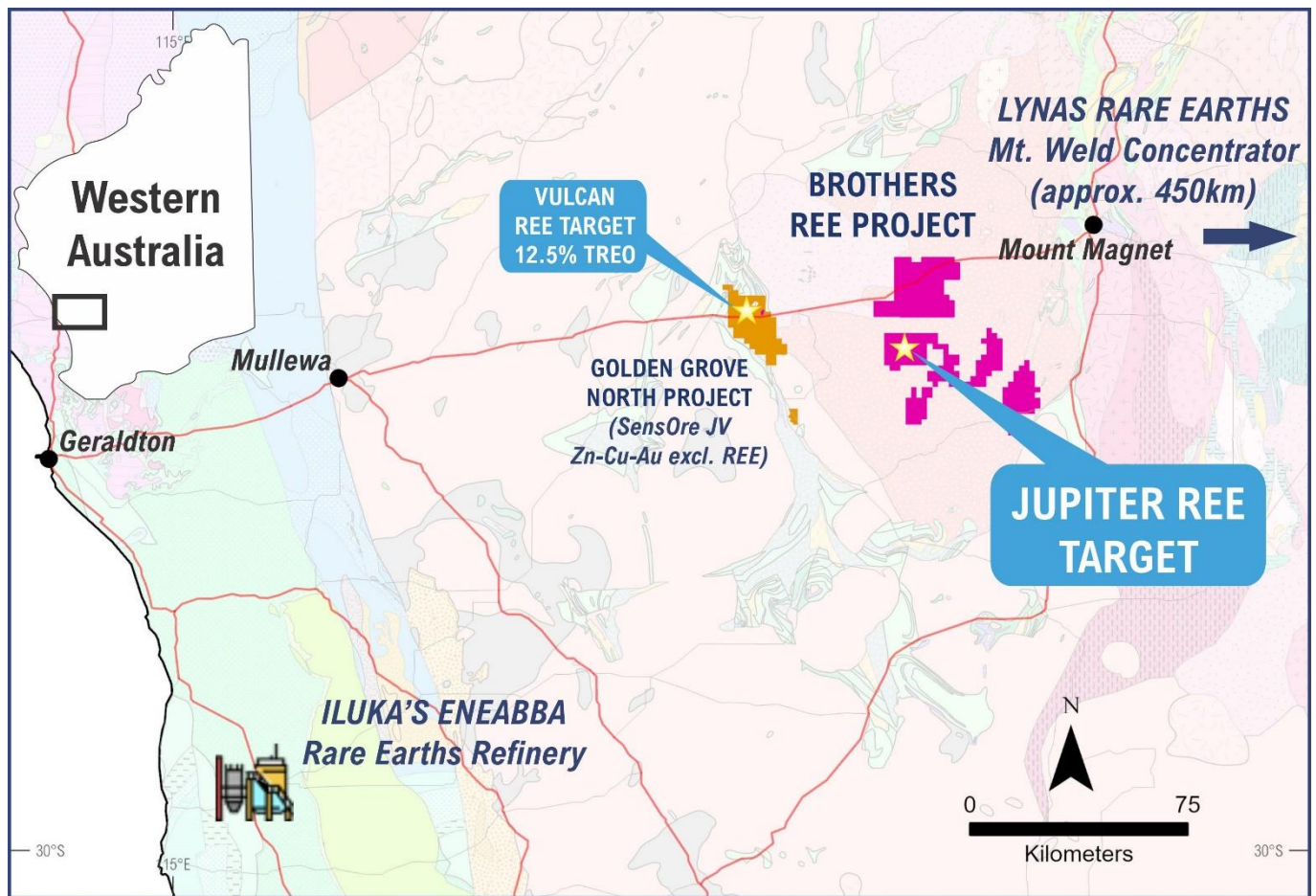


Figure 2 | Location Map of the Brothers REE Project with the Jupiter Target, in Western Australia



Venture Minerals Limited (ASX code: VMS) (“Venture” or the “Company”) is pleased to announce the second 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 Elements (“REE”) prospect at the Brothers Project, located in the Mid-West region of Western Australia. The latest drilling includes a record intersection of the critical Rare Earth elements Nd (Neodymium) and Pr (Praseodymium) at the Jupiter Prospect.

The latest assay results from the drilling completed late last year continues to deliver consistent high-grade zones (+2,000ppm TREO) over 20-30 m widths, within broader zones up to 72 m grading well over 1,000 ppm TREO with Thorium and Uranium levels remaining consistently extremely low. These results continue to validate geophysics and cover only a small portion of the 40 km² Jupiter target.

Included in this second batch of assay results is a record intersection of 5,056 ppm NdPr oxides in BRRC 061 with 3,824 ppm Nd₂O₃ and 1,232 ppm Pr₆O₁₁. In addition, there are very high-grade results in both BRRC 061 & 076 including assays up to 13,906 ppm TREO.

Assay results for 46 of the 51 (90%) drill holes received so far from the Stage One Resource definition drill program, have results >1,000 ppm TREO. 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).

Magnet Rare Earth Oxides (MREO) continue to average 23% in intersections over +1,000 ppm TREO. The MREO assays received so far from the Stage One Resource definition drill program include several over 1,000 ppm Nd₂O₃ (Neodymium) up to 3,824 ppm, and several over 300 ppm Pr₆O₁₁ (Praseodymium)

up to 1,232 ppm, and several over 50 ppm Dy₂O₃ (Dysprosium) up to 674 ppm, and several over 10 ppm Tb₂O₃ (Terbium) up to 101 ppm. In addition, there are elevated levels of Samarium with several over 100 ppm Sm₂O₃ up to 389 ppm.

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.

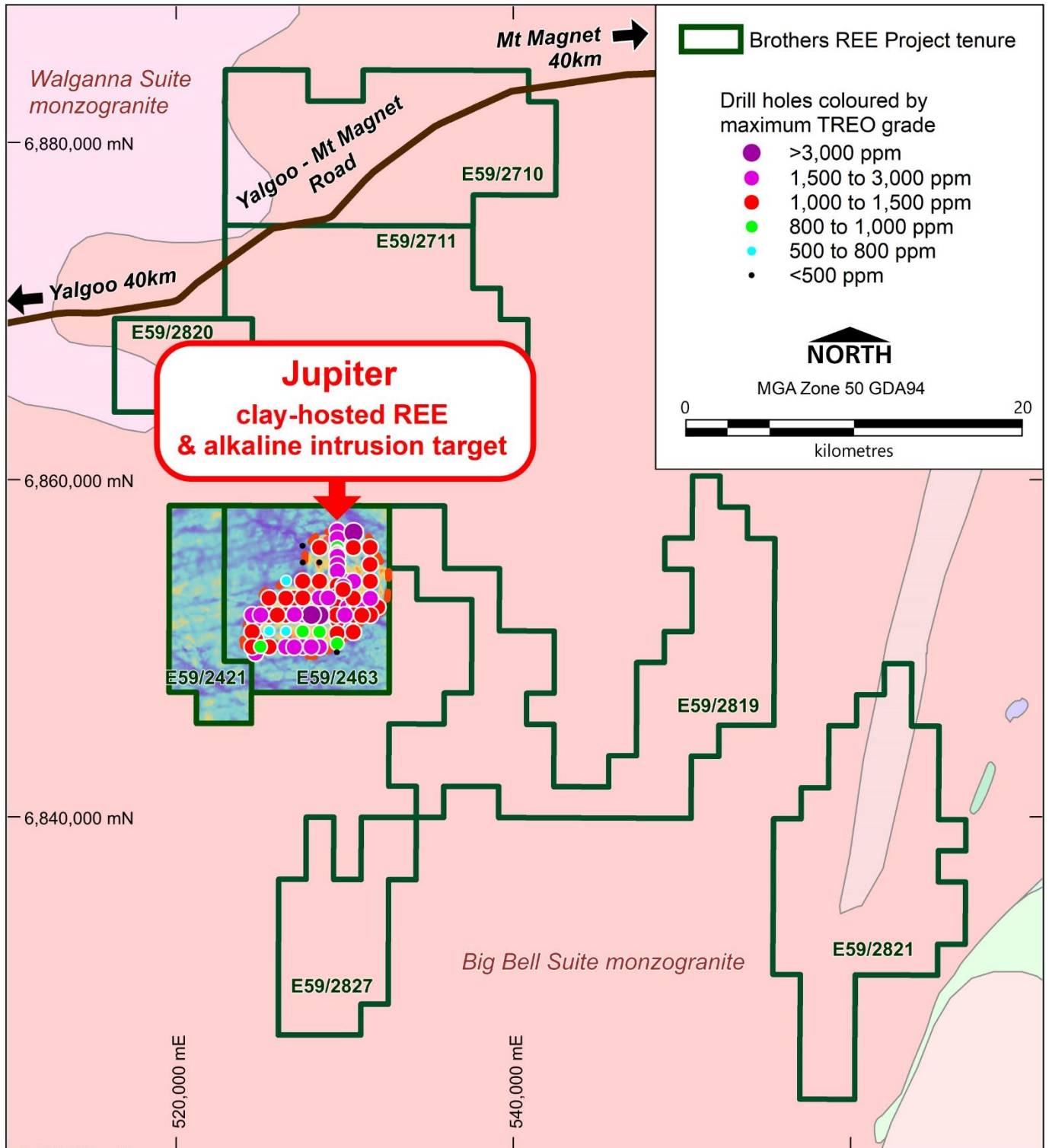


Figure 4 | Jupiter drill hole locations and updated significant intersections on total magnetic intensity (reduced to pole, NE sun) anomaly as defined by recent high resolution drone magnetic surveying. For the marked east-west section lines please refer to Figure 5 for the drilling cross sections.

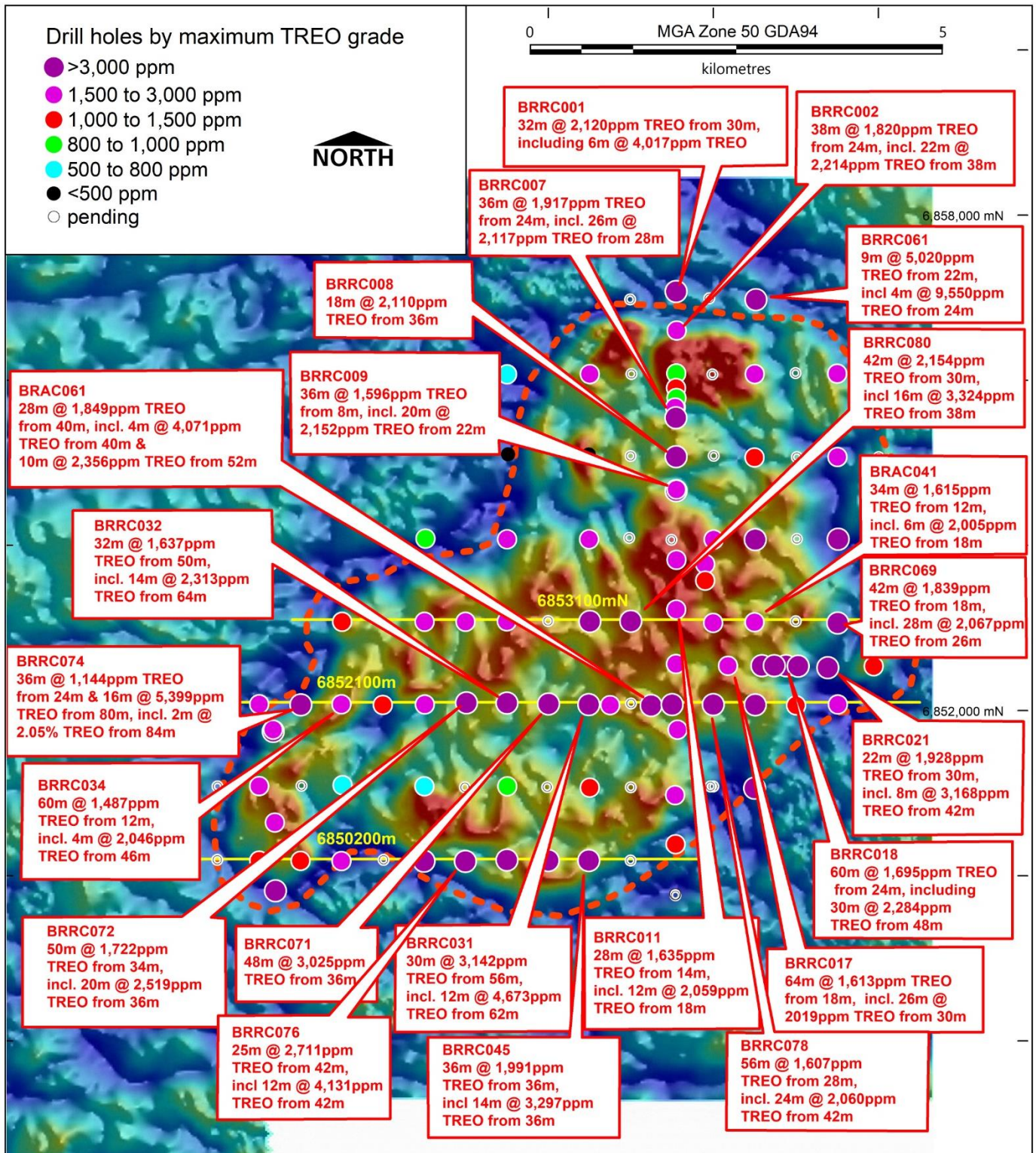
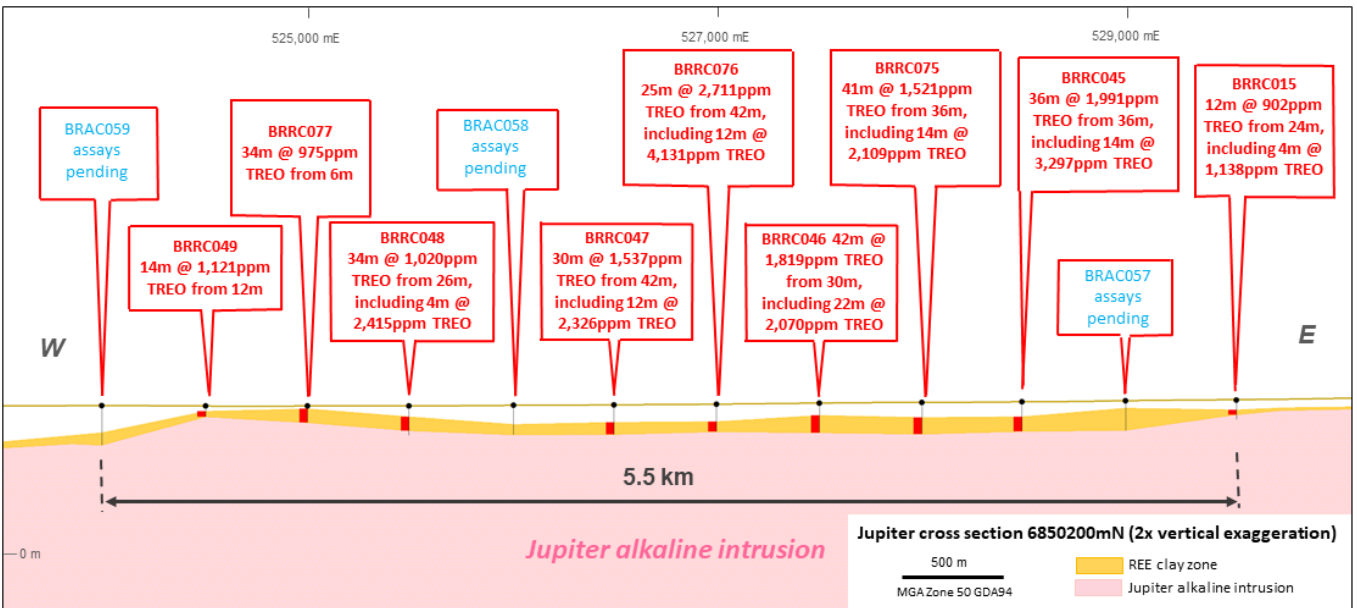
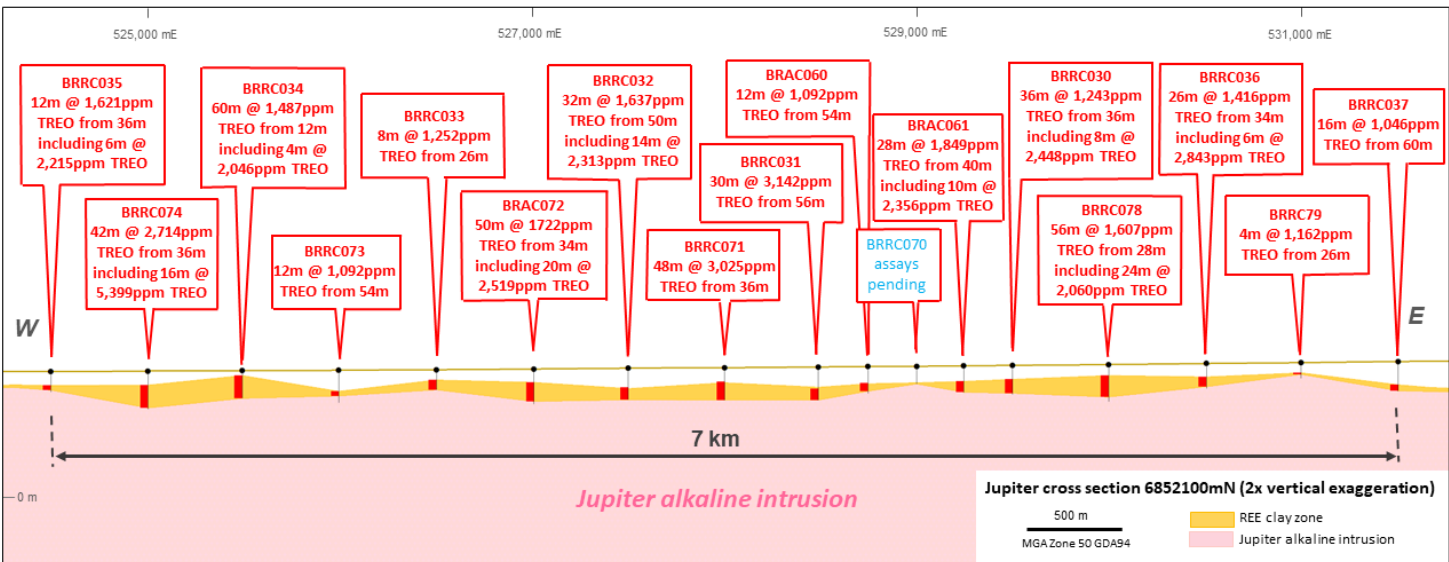
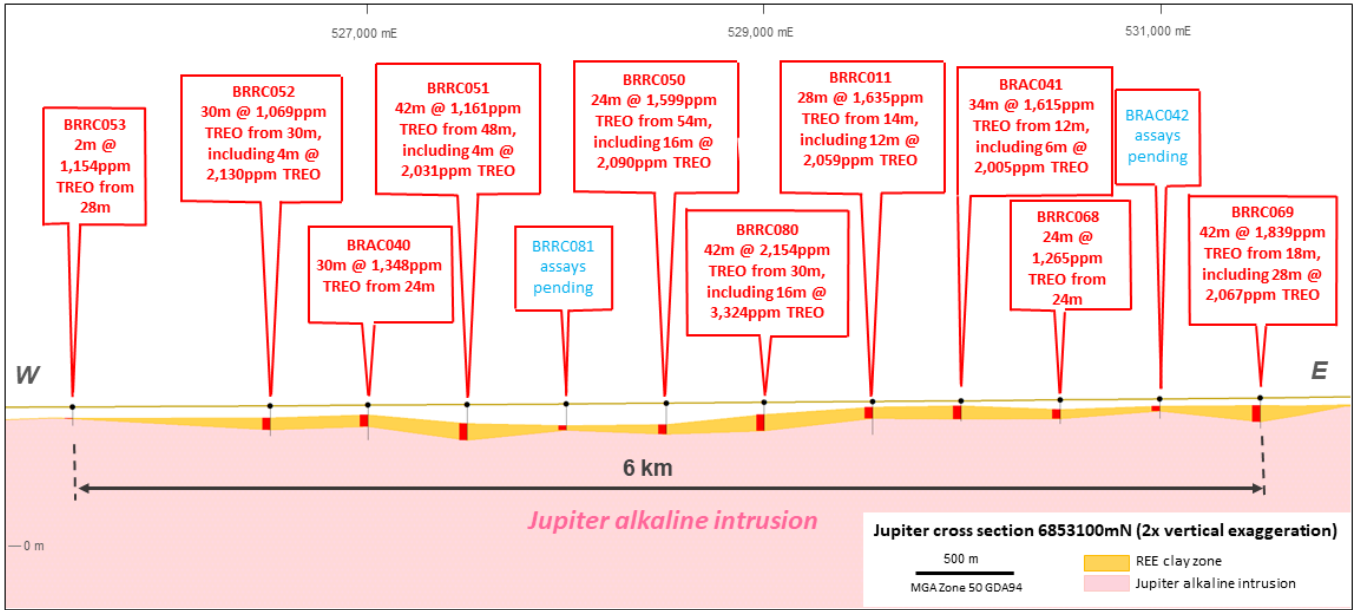


Figure 5 | Jupiter East-West Cross Sections 6853100mN, 6852100mN and 6850200mN from top to bottom.



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 ₁ 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	36	84	48	1658	418	25%	85	309	4	19
including				38	48	10	2124	512	24%	108	377	5	23
and				58	72	14	2044	529	26%	104	396	5	25
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						
BRRC030	529501	6852101	76	36	72	36	1243	252	20%	274	186	2	8
including				42	50	8	2448	409	17%	92	301	3	14
BRRC031	528490	6852100	87	56	86	30	3142	810	26%	175	611	4	20
including				62	74	12	4673	1355	29%	293	1024	7	32
BRRC032	527501	6852118	82	50	82	32	1637	405	25%	87	305	2	12
including				64	78	14	2313	602	26%	126	455	4	18
BRRC033	526504	6852099	52	26	34	8	1252	260	21%	61	190	1	8
and				48	52	4	1344	426	32%	81	321	4	21
BRRC034	525494	6852102	72	12	72	60	1487	350	24%	76	261	2	12
including				46	50	4	2046	427	21%	91	319	3	13
BRRC035	524498	6852103	54	36	48	12	1621	346	21%	80	252	2	11
including				40	46	6	2215	475	21%	109	348	3	15
BRRC036	530508	6852096	65	34	60	26	1416	260	18%	60	190	2	8
including				54	60	6	2843	361	13%	76	269	3	13
BRRC037	531506	6852101	77	60	76	16	1046	203	19%	47	148	1	7
BRRC038	530500	6851087	48	32	48	16	1224	313	26%	75	230	1	7
including				36	44	8	1829	497	27%	118	366	2	11
BRRC039	528501	6851093	36	26	32	6	836	91	11%	21	68	1	3

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 ₁ ppm	Nd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm
including				30	32	2	1379	133	10%	30	99	1	4
BRR040	527502	6851110	48	34	36	2	879	159	18%	39	115	1	5
BRR041	526498	6851108	58	38	42	4	637	123	19%	28	87	1	6
BRR042	525507	6851123	36	30	36	6	639	120	19%	29	88	1	3
BRR043	524499	6851111	89	12	84	72	1406	357	25%	73	269	3	13
BRR044	523505	6851104	40	32	40	8	771	150	19%	38	108	1	3
BRR045	528491	6850211	72	36	72	36	1991	473	24%	94	355	4	20
including				36	64	28	2309	547	24%	108	411	5	24
including				36	50	14	3297	766	23%	150	576	7	33
BRR046	527500	6850217	72	30	72	42	1819	438	24%	89	324	4	21
including				40	62	22	2070	499	24%	101	371	5	23
BRR047	526497	6850204	73	42	72	30	1537	345	22%	73	256	3	14
including				42	54	12	2326	504	22%	109	374	4	18
BRR048	525494	6850205	72	26	60	34	1020	254	25%	53	189	2	9
including				32	36	4	2415	660	27%	126	504	5	25
BRR049	524499	6850208	26	12	26	14	1121	249	22%	52	186	2	10
BRR050	528505	6853106	78	54	78	24	1599	419	26%	81	312	4	22
including				54	70	16	2090	555	27%	107	413	6	29
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	30	42	12	1182	145	12%	35	106	1	4
BRR055	527500	6854101	67	42	60	18	1103	248	22%	51	183	3	12
including				42	48	6	2089	435	21%	94	322	4	16
BRR056	526511	6854107	40	32	38	6	720	163	23%	35	120	2	7
BRR057	528495	6855106	23			0	pending						
BRR058	527516	6855109	57			0	pending						
BRR059	528501	6856101	46	6	18	12	1360	335	25%	69	249	3	14
including				24	42	18	1006	263	26%	53	198	2	11
BRR060	527499	6856097	54			0	pending						
BRR061	530516	6857003	31	22	31	9	5020	1571	31%	378	1170	5	19
including				24	28	4	9550	3157	33%	760	2354	9	34
BRR062	530499	6856100	59	30	59	29	1207	287	24%	58	214	3	12
BRR063	531499	6856105	39	22	39	17	1119	185	17%	44	135	1	5
BRR064	530497	6855092	43			0	pending						
BRR065	531501	6855097	67	42	67	25	1343	251	19%	58	185	2	8
BRR066	530508	6854098	46	10	18	8	1233	278	23%	63	203	2	10
including				36	46	10	3005	844	28%	166	628	9	42
BRR067	531513	6854102	94	42	68	26	1431	233	16%	54	172	1	6
including				52	64	12	2115	341	16%	79	252	2	8
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			0	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	36	77	41	1521	318	21%	69	234	3	12

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 ₁ ppm	Nd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm
including				50	64	14	2109	465	22%	98	345	4	19
BRRC076	526997	6850201	67	42	67	25	2711	643	24%	145	475	4	19
including				42	54	12	4131	997	24%	230	737	6	25
BRRC077	524998	6850207	40	6	40	34	975	248	25%	51	186	2	9
BRRC078	530000	6852099	96	28	84	56	1607	367	23%	82	273	2	10
including				42	66	24	2060	511	25%	111	384	3	14
BRRC079	531001	6852090	41	26	30	4	1162	273	23%	57	194	2	19
BRRC080	529000	6853109	72	30	72	42	2154	511	24%	113	375	4	20
including				38	54	16	3324	783	24%	178	574	6	25
BRRC081	527999	6853103	66			0	pending						

Notes: Shaded intervals were previously reported. 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 (Second Batch) 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 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
BRACO43	36	38	2	868	192.9	309.4	52.3	183.6	30.97	6.65	20.46	2.39	10.65	1.74	4.22	0.5	2.91	0.37	49.1	31.1	3.93
BRACO43	38	40	2	1507	316.7	623.8	84.92	298.4	47.67	10.79	32.97	3.62	16.41	2.48	5.21	0.54	3.24	0.42	60.1	35.3	4.25
BRACO43	40	42	2	2746	635.7	1030.2	156.43	556.1	89.66	19.74	61.22	7.33	33.98	5.24	12.05	1.33	7.51	0.96	129.5	35.8	4.85
BRACO43	42	44	2	2238	418.7	1117.4	98.21	339.3	51.15	12.27	41.04	4.99	23.41	3.97	8.89	0.98	5.11	0.68	112	34.7	5.39
BRACO43	44	46	2	2005	398.8	971.3	93.62	312.4	47.09	10.42	33.09	3.9	18.76	3.25	7.94	0.82	4.3	0.59	99.5	35.2	5.22
BRACO43	46	48	2	1448	281.5	644.7	73.56	250.6	40.48	9.49	29.17	3.53	16.47	2.86	6.84	0.84	4.55	0.61	83.1	37.9	5.1
BRACO43	48	50	2	1519	303.8	717.1	72.84	249.5	39.2	8.63	25.71	3.09	14.06	2.42	6.11	0.69	3.79	0.52	71.6	36.7	5.19
BRACO43	50	52	2	1810	388.2	774.8	99.17	345.1	54.75	11.75	33.89	3.97	17.04	2.71	5.97	0.75	4.47	0.56	67.3	36.3	5.76
BRACO43	52	54	2	1305	283.8	585.7	66.31	219.2	34.1	7.34	21.04	2.52	11.82	2.07	5.24	0.59	3.92	0.52	61.8	35	5.7
BRACO43	54	56	2	1640	363.6	653.2	86.25	299.6	47.09	10.78	34.47	4.11	19.86	3.51	8.57	1.13	6.36	0.88	101.4	31.3	5.24
BRACO43	56	58	2	1482	327.2	600.4	77.67	258.8	40.13	9.29	28.47	3.51	17.1	3.17	8.26	1	6.13	0.81	100.5	30.1	5.45
BRACO43	58	60	2	1719	358.9	698.7	90.11	324.1	50.69	11.38	35.51	4.17	20.77	3.56	8.89	1.09	6.84	0.95	104.2	32.8	5.89
BRACO43	60	62	2	1854	394.1	720.8	103.16	370.7	58.46	12.73	39.08	4.73	22.21	3.87	9.14	1.11	6.62	0.98	106.8	32.8	5.53
BRACO43	62	64	2	1962	404.6	785.9	110.65	397.6	61.82	13.14	39.08	4.66	21.92	3.64	9.13	1.18	7.18	1.08	100.8	29.5	5.4
BRACO43	64	66	2	2370	363.6	1048.7	121.4	479.2	78.99	16.9	52.34	6.23	28.7	5.15	13.03	1.86	10.88	1.68	141.6	26.6	4.7
BRACO43	66	68	2	2417	363.6	1140.8	113.43	444.2	72.38	15.92	50.73	6.02	29.15	5.16	13.71	1.96	11.84	1.79	146.6	28.7	5
BRACO43	68	70	2	2255	327.2	1046.2	102.31	419.7	69.25	15.69	49.23	5.63	28.12	5.07	13.71	2.02	12.3	2	156.8	29.1	4.89
BRACO43	70	72	2	1733	301.4	734.3	87.82	335.8	54.63	11.86	38.16	4.43	21.35	3.99	10.8	1.47	9.35	1.56	116.4	27.3	4.77
BRACO43	72	74	2	1418	251	589.4	72.48	270.5	44.19	10.13	31.82	3.83	18.31	3.34	8.94	1.21	7.63	1.26	104.7	26	5.96
BRACO43	74	76	2	1018	175.3	384.3	51.82	199.3	35.03	6.87	25.48	3.11	16.47	2.91	7.6	1.05	6.7	1.1	101.8	21.6	8.92
BRACO43	76	78	2	786	114.3	264	34.18	135.8	25.28	5.02	22.82	3.01	16.53	3.49	9.92	1.37	9.74	1.7	139	19.7	5.94
BRACO43	78	80	2	1022	181.2	423.6	53.87	206.9	32.94	7.29	22.19	2.61	12.74	2.15	5.52	0.71	4.48	0.71	65.1	17.45	3.04
BRACO43	80	82	2	1446	254.5	615.2	76.34	288	47.32	9.51	29.51	3.61	17.62	2.75	7.09	0.97	6.02	0.8	87.7	23.3	3.94
BRACO43	82	84	2	1228	218.7	521.9	64.02	241.3	41.06	7.87	25.48	3.04	14.52	2.47	6.34	0.82	5.05	0.69	75.5	20.9	3.42
BRRCO38	30	32	2	412	132.5	173.1	21.01	61	6.91	1.37	3.23	0.37	1.85	0.37	0.9	0.17	1.02	0.17	9	33.6	1.99
BRRCO38	32	34	2	662	209.9	248	40.7	118.3	12.76	2.68	6.45	0.72	3.24	0.61	1.66	0.19	1.57	0.19	15.4	37.5	2.14
BRRCO38	34	36	2	675	254.5	230.2	38.77	109.1	13.34	1.98	6.68	0.81	3.04	0.51	1.39	0.22	1.36	0.23	12.9	32.5	2.9
BRRCO38	36	38	2	3659	1219.9	990.9	282.67	864	101.73	17.02	44.15	4.83	21.46	3.48	8.78	1.13	6.57	0.94	91.5	42.7	5.87
BRRCO38	38	40	2	1467	478.5	512	87.7	275.1	30.27	5.59	15.5	1.74	8.47	1.55	3.92	0.55	3.79	0.5	42.2	35.8	3.56
BRRCO38	40	42	2	1293	363.6	541.5	69.09	219.7	27.84	4.46	13.02	1.5	7.37	1.28	3.2	0.49	3.09	0.43	36.8	45.1	3.57
BRRCO38	42	44	2	898	208.7	472.7	34.42	104.9	12.06	2.58	7.96	0.91	5.44	1.04	2.94	0.42	2.99	0.46	40.7	46.6	3.3
BRRCO38	44	46	2	613	155.4	297.1	26.09	80.9	8.57	1.85	5.82	0.72	3.59	0.73	2.26	0.25	2.25	0.42	27.3	42.9	2.6
BRRCO38	46	48	2	522	134.8	246.8	22.95	67.5	7.84	1.5	5.01	0.59	3.2	0.72	1.87	0.31	2.07	0.34	26.6	37.6	2.58
BRRCO39	6	12	6	346	82.8	143	16.61	54.9	7.99	1.57	5.61	0.71	4.33	0.75	2.25	0.3	1.98	0.32	23.6	27.8	2.18
BRRCO39	12	18	6	186	52.5	70.9	9.27	29.8	4.3	1.04	2.69	0.35	1.94	0.36	1.14	0.15	0.99	0.13	11.3	19.2	1.15
BRRCO39	18	20	2	162	45.1	84.9	6.35	17.2	1.94	0.52	1.22	0.1	0.56	0.12	0.29	0.04	0.37	0.05	3.3	11.35	0.73
BRRCO39	20	22	2	272	69.2	150.4	10.53	29.6	3.34	0.96	1.76	0.21	1.13	0.14	0.33	0.06	0.58	0.06	4.1	15.85	1
BRRCO39	22	24	2	367	104.7	172.5	17.39	53	6.12	1.85	2.96	0.28	1.3	0.2	0.45	0.06	0.7	0.1	5.4	23.9	1.26
BRRCO39	24	26	2	330	76.1	190.9	12.56	35.7	4.07	1.69	1.76	0.24	0.89	0.14	0.5	0.09	0.59	0.11	4.8	17.6	1.12
BRRCO39	26	28	2	532	105.2	330.3	18.18	56	6.78	1.96	2.68	0.31	1.59	0.28	0.58	0.11	0.92	0.13	7.6	19.3	1.24
BRRCO39	28	30	2	597	84.2	418.7	15.16	47.4	6.85	2.32	3.4	0.43	2.22	0.44	1.39	0.2	1.41	0.26	13.2	21.6	1.1
BRRCO39	30	32	2	1379	140.1	1054.8	29.71	99.4	13.05	3.8	6.53	0.77	3.98	0.65	1.89	0.34	2.8	0.45	20.8	22.7	1.58

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
BRRCO39	32	34	2	287	69.7	163.3	10.76	30.3	3.28	1.58	1.61	0.17	0.67	0.18	0.48	0.07	0.69	0.1	5	21.1	0.99
BRRCO39	34	36	2	213	49.1	125.2	7.42	20.9	2.51	1.42	1.16	0.17	0.7	0.12	0.32	0.07	0.44	0.07	3.9	21.6	0.77
BRRCO40	30	32	2	621	127.8	337.7	24.16	82.5	11.06	3.27	5.81	0.76	3.53	0.69	1.79	0.34	2.52	0.27	19	15.7	1.38
BRRCO40	32	34	2	409	96.8	209.3	17.09	50.7	5.81	2.36	3.75	0.52	2.97	0.44	1.41	0.23	1.66	0.32	16.3	11.5	1.1
BRRCO40	34	36	2	879	218.1	432.2	39.01	115	12.18	3.26	6.94	0.83	4.98	0.99	2.96	0.39	3.41	0.55	38.2	34	1.82
BRRCO40	42	48	6	254	73.1	124.6	11.39	32.6	3.35	1.48	1.34	0.15	0.91	0.12	0.33	0.04	0.46	0.06	4.9	11.55	0.86
BRRCO41	6	12	6	594	154.2	252.9	28.75	93.1	13.68	3.04	7.92	0.97	5.22	0.93	2.28	0.34	2.16	0.29	28.3	28.2	2.47
BRRCO41	36	38	2	437	89.7	198.9	20.71	76.3	11.83	3.69	7.27	0.82	3.78	0.68	1.85	0.28	1.89	0.3	19.8	12.4	0.9
BRRCO41	38	40	2	608	139.5	265.2	27.42	87.7	13.1	4.12	9.55	1.29	6.96	1.32	4.3	0.53	4.33	0.6	42.5	19.15	1.88
BRRCO41	40	42	2	665	161.8	311.9	28.5	86.7	10.97	3.78	8.6	1.1	5.87	1.21	3.38	0.43	3.33	0.54	36.9	27.7	1.34
BRRCO41	42	48	6	428	110.8	196.4	18.72	56.4	6.04	2.32	3.97	0.45	2.64	0.61	2.14	0.29	2.18	0.4	25.2	16.3	1.13
BRRCO41	48	54	6	359	103.8	173.1	15.94	45.7	4.64	1.6	2.66	0.31	1.32	0.24	0.6	0.11	0.71	0.13	8.5	18.9	1.45
BRRCO41	54	56	2	229	62.2	102.9	9.44	29.7	3	1.45	2.42	0.3	1.79	0.33	1.17	0.15	1.12	0.15	13.4	9.62	1.12
BRRCO42	24	30	6	421	117.8	221.6	16.61	47.9	5.03	1.34	2.38	0.27	1.21	0.22	0.57	0.09	0.48	0.06	5.5	23.4	1.4
BRRCO42	30	32	2	659	159.5	357.3	28.14	82.2	9.31	2.21	4.35	0.49	2.54	0.41	1.28	0.15	1	0.17	10.1	22.2	2.79
BRRCO42	32	34	2	718	174.1	361	33.94	104.2	11.55	2.91	6.54	0.72	3.26	0.57	1.32	0.21	1.13	0.15	16.8	21.3	2.59
BRRCO42	34	36	2	540	134.8	268.9	25.36	76.3	10.12	2.14	5.23	0.62	2.69	0.45	1.09	0.14	0.96	0.17	11.5	19.95	2.76
BRRCO43	6	8	2	610	121.9	276.3	26.93	92.8	13.1	2.69	9.7	1.43	7.38	1.42	3.88	0.53	2.82	0.44	49.2	21.5	2.32
BRRCO43	8	10	2	435	68.8	240	15.94	55.3	9.12	1.96	6.15	0.84	4.75	0.84	2.57	0.34	1.94	0.27	26.9	18.6	2
BRRCO43	10	12	2	286	67.9	122.8	13.71	45.4	6.76	1.43	4.49	0.55	2.88	0.56	1.65	0.22	1.48	0.21	16.6	19.6	2.04
BRRCO43	12	14	2	710	173	293.4	38.89	134.6	19.48	4.11	11.31	1.28	5.65	0.83	2.19	0.25	1.24	0.17	24.3	23.7	2.41
BRRCO43	14	16	2	1362	285	616.4	71.27	255.3	38.04	8.22	21.33	2.38	10.49	1.62	3.76	0.37	2.05	0.2	46.3	24	1.63
BRRCO43	16	18	2	1891	398.8	862	99.17	346.3	51.04	11.15	30.2	3.31	14	2.09	5.14	0.53	2.59	0.22	64.7	28	1.74
BRRCO43	18	20	2	1251	195.8	804.3	41.43	132.9	19.48	3.4	10.54	1.3	5.67	0.97	2.64	0.37	2.02	0.27	30.6	45.3	5.06
BRRCO43	20	22	2	988	214.6	438.3	52.18	178.3	28.42	5.52	15.27	1.79	7.76	1.27	3.31	0.39	2.07	0.25	39.2	82.6	4.6
BRRCO43	22	24	2	1466	335.4	615.2	83.35	276.3	40.6	8.65	23.63	2.84	12.8	2.06	4.93	0.55	3.16	0.43	56.2	36	4.71
BRRCO43	24	26	2	1745	380	714.6	103.88	353.2	53.24	11.33	29.74	3.64	16.7	2.46	5.7	0.68	3.91	0.45	65.5	29	5.84
BRRCO43	26	28	2	1878	378.8	725.7	112.1	420.9	67.39	14.01	39.43	4.5	19.4	2.92	7.07	0.76	4.28	0.59	81.1	28.3	6.83
BRRCO43	28	30	2	1802	367.1	717.1	104.25	378.9	58.81	12.56	34.93	4.16	19.28	3.09	7.97	0.87	5.31	0.64	87.6	32.3	8.1
BRRCO43	30	32	2	1455	267.4	615.2	77.19	291.5	46.16	10.1	29.05	3.56	16.58	2.7	7.28	0.86	5.63	0.65	82	33.2	7.09
BRRCO43	32	34	2	1780	320.2	713.4	98.08	383.6	62.4	13.37	39.43	4.72	21.86	3.4	8.78	1.05	6.04	0.88	103.2	35.5	7.47
BRRCO43	34	36	2	1765	337.8	711	95.19	357.9	56.6	12.68	37.93	4.48	21.23	3.55	9.04	1.1	6.42	0.93	109.6	28.9	7.79
BRRCO43	36	38	2	1940	367.1	820.3	106.54	406.9	65.88	13.37	36.89	4.09	18.71	2.93	7.47	0.85	4.93	0.64	84.2	23.3	6.19
BRRCO43	38	40	2	1597	302.6	718.3	83.71	307.8	48.14	10.07	27.78	3.16	15.15	2.28	5.98	0.77	4.24	0.53	66.6	23.1	5.39
BRRCO43	40	42	2	1610	292	739.2	83.59	304.3	45.58	9.78	27.67	3.13	15.15	2.49	6.33	0.82	4.9	0.68	75	26.7	5.44
BRRCO43	42	44	2	1748	314.3	826.4	86.97	317.1	49.64	10.66	29.4	3.52	16.24	2.79	7.32	0.97	6.36	0.92	75.5	23.2	5.07
BRRCO43	44	46	2	1654	248.6	718.3	79.84	317.1	54.86	11.92	34.24	4.31	21.86	4.15	11.88	1.7	10.94	1.7	132.7	41.1	6.22
BRRCO43	46	48	2	1779	308.4	826.4	90.47	342.8	55.56	11.17	31.01	3.51	16.35	2.54	7.18	0.91	5.85	0.85	76.7	26.5	8.33
BRRCO43	48	50	2	266	42.2	96.5	11.83	46.5	8.85	1.92	7.52	0.95	5.2	1	3.07	0.45	3.16	0.51	37	35.6	2.96
BRRCO43	50	52	2	946	168.3	397.8	48.8	185.9	31.08	6.63	20.06	2.42	11.82	1.85	4.88	0.66	3.94	0.56	61.5	32.4	10.7
BRRCO43	52	54	2	1384	272.1	623.8	70.3	254.1	40.48	8.63	23.75	2.69	12.68	1.97	5.46	0.68	3.96	0.54	63.6	24.6	12.4
BRRCO43	54	56	2	1426	254.5	637.3	73.56	274	45.58	9.53	28.01	3.09	14.52	2.36	5.85	0.77	4.14	0.6	72.6	21	5.98
BRRCO43	56	58	2	1267	232.8	574.7	63.78	242.5	38.51	8.25	22.82	2.63	11.88	1.92	4.96	0.63	3.67	0.53	58.4	18.95	4.47
BRRCO43	58	60	2	1513	309.6	677.8	76.7	279.8	43.03	9.24	25.94	2.9	13.02	2.06	5.22	0.67	3.67	0.44	63.5	23.8	3.58

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
BRRCO43	60	62	2	1236	234.6	558.7	63.54	232	36.3	8.27	21.84	2.45	10.91	1.85	4.74	0.57	3.49	0.43	57.2	19.2	3.19
BRRCO43	62	64	2	1213	233.4	552.6	61.12	226.2	35.14	7.13	20.86	2.39	10.98	1.68	4.42	0.57	3.15	0.45	53.3	19.4	3.73
BRRCO43	64	66	2	1190	241.6	547.6	59.43	214.5	32.71	6.6	18.44	2.12	9.91	1.54	4.05	0.49	2.9	0.35	48.6	17.15	3.49
BRRCO43	66	68	2	1114	204.1	491.2	57.74	218.6	35.26	7.14	20.23	2.35	10.53	1.79	4.73	0.57	3.47	0.46	56.6	14.15	3.93
BRRCO43	68	70	2	1004	178.8	440.8	51.82	202.3	33.06	6.92	19.25	2.23	9.91	1.69	4.17	0.53	3.08	0.43	50	11.35	2.91
BRRCO43	70	72	2	1392	272.1	611.5	71.63	272.8	43.84	8.8	23.86	2.74	12.16	2.1	5.18	0.63	3.83	0.47	61	17	2.39
BRRCO43	72	74	2	1315	230.4	562.4	70.78	270.5	45.35	9.43	26.05	2.92	13.43	2.3	5.93	0.73	4.24	0.59	70.9	15.35	2.57
BRRCO43	74	76	2	1219	222.2	530.4	65.11	244.8	40.83	8.15	22.59	2.61	12.05	1.97	4.51	0.63	3.87	0.51	59.6	11.7	1.8
BRRCO43	76	78	2	1569	341.3	729.4	77.79	275.1	38.62	8.16	21.27	2.16	10.77	1.85	4.36	0.58	3.28	0.42	54.6	22.9	1.72
BRRCO43	78	80	2	1328	287.3	593.1	64.26	240.1	35.03	7.35	20.69	2.23	11.26	1.85	4.46	0.58	3.63	0.47	56.6	23.6	3.14
BRRCO43	80	82	2	1546	381.2	729.4	73.68	239	31.9	6.34	17.75	2.04	8.69	1.53	3.96	0.51	2.68	0.34	47.7	24.2	2.64
BRRCO43	82	84	2	1281	255.7	563.6	66.68	244.8	37.12	7.23	21.21	2.46	11.59	2.03	4.92	0.63	3.66	0.59	59.3	20.6	5.23
BRRCO44	30	32	2	518	126.6	262.7	25.24	69.7	8.05	1.78	4.69	0.61	2.82	0.46	1.14	0.12	0.99	0.13	13	27.4	2.2
BRRCO44	32	34	2	727	184.1	368.4	34.54	95.3	11.94	2.15	5.78	0.63	3.19	0.55	1.34	0.17	1.17	0.15	18	27.3	2.63
BRRCO44	34	36	2	729	175.3	374.5	36.84	102.9	10.99	2.2	5.45	0.61	3.11	0.53	1.21	0.18	1.11	0.14	14.4	21.9	3.24
BRRCO44	36	40	4	813	204.1	407.6	39.86	117.1	13.8	2.69	6.29	0.81	3.57	0.56	1.28	0.15	1.13	0.17	14.8	22	2.55
BRRCO45	30	32	2	251	98.1	73.3	13.77	40.9	5.97	1.71	4.07	0.41	2.08	0.29	0.75	0.1	0.52	0.09	9	48.3	1.67
BRRCO45	32	34	2	324	140.7	83.9	17.99	49.4	6.51	2.2	4.05	0.58	2.62	0.49	1.08	0.14	0.72	0.14	14.4	17.2	1.13
BRRCO45	34	36	2	494	221.6	130.1	26.57	69.7	8.31	2.6	5.74	0.82	3.92	0.74	1.81	0.18	1.03	0.17	21.5	19.95	1.86
BRRCO45	36	38	2	3433	693.2	1706.9	167.91	563.1	75.63	16.61	39.31	4.58	22.96	4.11	10.38	1.32	8.46	1.05	117.6	26	4.82
BRRCO45	38	40	2	1727	350.7	892.7	79.96	265.8	38.86	8.17	22.36	2.56	11.48	1.83	4.22	0.51	2.91	0.31	45	19.65	6.45
BRRCO45	40	42	2	3674	742.5	1602.5	201.73	742.7	106.95	23.85	59.14	6.78	29.84	4.95	11.32	1.32	7.19	0.86	133.3	40.5	8.36
BRRCO45	42	44	2	3394	601.7	1958.6	143.75	461.7	57.18	11.75	29.74	3.61	15.32	2.62	6.44	0.93	5.29	0.72	94.7	41.2	6.26
BRRCO45	44	46	2	3272	475	1657.8	143.75	528.1	71.22	16.38	45.65	5.46	27.2	5.77	16.05	2.42	13.04	1.76	262.8	32	6.19
BRRCO45	46	48	2	5962	695.5	2492.8	234.35	1154.3	200.1	50.95	164.87	19.93	109.17	23.72	63.55	7.93	43.73	4.71	697.2	51	8.64
BRRCO45	48	50	2	1614	234.6	760.1	77.31	319.4	55.44	11.31	32.28	3.69	17.56	3.05	7.39	0.87	5.2	0.62	85.4	23.2	4.96
BRRCO45	50	52	2	1402	222.8	652	72.11	268.1	47.67	10.32	30.43	3.29	16.53	2.6	5.97	0.78	4.52	0.65	65.1	18.95	4.51
BRRCO45	52	54	2	1774	338.9	847.3	80.33	297.3	47.44	10.05	28.7	3.57	17.1	3.05	7.1	0.85	5.54	0.79	86.7	32.6	4.46
BRRCO45	54	56	2	1327	230.4	582	69.58	258.8	43.61	8.82	26.28	3.1	14.63	2.52	6.37	0.84	5.58	0.71	74.4	19.95	4.42
BRRCO45	56	58	2	1398	242.8	596.8	71.63	264.6	43.5	8.87	27.9	3.32	16.47	3.1	7.85	1.15	6.99	1.1	102.2	19.35	4.21
BRRCO45	58	60	2	1063	205.2	466.6	53.99	199.3	31.43	6.61	19.19	2.25	10.63	1.97	4.61	0.57	3.63	0.51	57.1	17.25	2.74
BRRCO45	60	62	2	1085	193.5	465.4	56.65	208.7	35.14	7.67	22.31	2.62	12.39	2.15	5.4	0.68	4.47	0.63	67.5	17.55	2.95
BRRCO45	62	64	2	1203	229.3	530.4	60.76	223.8	35.61	6.57	21.5	2.54	11.82	2.13	5.28	0.69	4.28	0.67	67.9	12.55	3.46
BRRCO45	64	66	2	900	183.5	411.3	46.02	160.3	25.4	4.74	14	1.71	7.18	1.28	3.09	0.44	2.44	0.36	38.4	9.48	2.21
BRRCO45	66	68	2	934	190.6	418.7	47.35	169.6	27.02	5.38	15.73	1.69	8.17	1.36	3.45	0.43	2.87	0.43	42.2	11.1	2.25
BRRCO45	68	70	2	871	174.1	388	43.85	161.4	25.86	5.1	16.08	1.59	7.34	1.3	3.23	0.38	2.49	0.38	40.1	10.8	2.6
BRRCO45	70	72	2	812	159.5	358.5	40.7	149.8	24.82	4.79	15.91	1.71	8.44	1.34	3.34	0.39	2.46	0.35	40.2	9.64	2.02
BRRCO46	24	26	2	54	10.2	19.1	2.24	8.2	1.71	0.33	1.4	0.19	1.42	0.26	0.81	0.13	0.91	0.13	7.6	21.8	1.83
BRRCO46	26	28	2	62	12.6	22.3	2.71	9.7	1.84	0.53	1.36	0.25	1.51	0.32	0.81	0.13	0.85	0.15	7.8	23.2	1.45
BRRCO46	28	30	2	89	18.5	33.6	4.02	14.2	2.56	0.61	2.19	0.31	2.02	0.38	0.99	0.14	0.87	0.14	8.8	25.2	1.42
BRRCO46	30	32	2	1133	300.2	424.8	64.02	220.9	34.91	6.61	20.98	2.25	10.11	1.53	3.21	0.45	1.81	0.25	41.7	22.2	1.9
BRRCO46	32	34	2	1354	361.2	553.8	70.66	237.8	37.46	7.49	22.13	2.52	10.98	1.74	3.81	0.39	1.52	0.28	42.7	18.85	1.82
BRRCO46	34	36	2	1363	351.9	586.9	68.13	227.3	35.26	7.2	20.98	2.28	9.9	1.76	3.81	0.41	1.94	0.21	45.2	19.6	1.78
BRRCO46	36	38	2	1648	369.4	771.1	81.41	270.5	41.41	8.37	23.98	2.77	12.39	2.07	4.84	0.57	2.74	0.44	56.6	29.2	3.57

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
BRRCO46	38	40	2	1532	328.4	706.1	77.07	262.3	42.22	8.34	24.09	2.78	12.68	2.01	4.65	0.53	2.68	0.42	57.9	24	3.77
BRRCO46	40	42	2	1810	388.2	817.8	93.86	322.9	50.69	10.36	29.05	3.13	15.26	2.4	5.6	0.68	3.18	0.51	66.9	26.6	3.26
BRRCO46	42	44	2	1890	350.7	916	92.41	327.6	53.24	10.51	30.43	3.63	16.01	2.68	6.28	0.73	3.64	0.59	75.8	28.8	3.51
BRRCO46	44	46	2	1879	364.8	909.9	90.6	318.3	50.69	10.12	29.51	3.51	15.32	2.44	6.04	0.73	3.77	0.63	72.7	33.5	4.2
BRRCO46	46	48	2	1889	392.9	901.3	94.46	314.8	51.5	10.19	30.09	3.39	15.03	2.4	5.33	0.66	3.23	0.45	63.5	34.6	4.52
BRRCO46	48	50	2	1849	388.2	855.9	94.94	324.1	51.15	10.68	31.36	3.41	15.84	2.55	5.53	0.66	3.66	0.59	61	31.6	3.77
BRRCO46	50	52	2	2335	466.8	1111.3	113.43	394.1	64.26	12.79	36.55	4.49	19.74	3.2	7.3	0.89	4.89	0.84	94.9	36.8	3.61
BRRCO46	52	54	2	2289	495	1041.3	115.12	404.6	58.92	11.92	32.86	3.55	17.27	2.86	7.45	1.02	5.05	0.79	92	41.6	3.15
BRRCO46	54	56	2	3274	546.6	1156.7	149.79	691.4	157.18	39.37	129.13	14.75	69.56	11.03	26.97	3.32	15.49	2.09	261.6	46	2.93
BRRCO46	56	58	2	2206	398.8	918.5	99.66	374.2	67.51	14.47	50.96	6.13	32.02	6.79	17.88	2.47	12.81	2.05	201.9	35.6	2.39
BRRCO46	58	60	2	1653	326	735.5	79.12	286.8	45.24	10.36	31.36	3.45	17.22	3.19	7.95	1.21	6.77	1.03	98.2	23.7	1.97
BRRCO46	60	62	2	1697	310.8	747.8	85.88	322.9	56.72	11.46	35.16	3.98	18.25	3.1	7.31	1	5.28	0.95	86.6	20.5	2.93
BRRCO46	62	64	2	1562	297.9	681.5	79.12	293.8	52.89	11.07	32.74	3.83	17.5	2.84	6.73	0.9	4.79	0.92	76.3	23.1	2.79
BRRCO46	64	66	2	1510	292	642.2	77.19	292.6	47.79	11.05	32.97	3.7	16.93	2.79	6.9	0.84	4.8	0.7	78.2	19.6	3.14
BRRCO46	66	68	2	1308	259.2	558.7	64.99	242.5	41.29	8.27	25.59	3.18	14.06	2.48	6.6	0.86	5.04	0.8	75.3	20.3	3.02
BRRCO46	68	70	2	1549	255.7	595.5	73.8	278.6	49.76	11.38	40.7	5.16	27.89	5.44	14.63	1.95	10.93	1.97	175.8	14.55	3.51
BRRCO46	70	72	2	2461	384.7	905	105.45	396.4	73.77	18.47	70.56	9.6	55.44	11.08	30.4	4.29	22.55	3.95	369.5	18.85	4.58
BRRCO47	42	44	2	1648	294.4	873.1	78.15	260	36.42	6.98	20.23	2.35	11.17	1.98	5.22	0.61	3.59	0.44	53.5	16.45	3.12
BRRCO47	44	46	2	1497	255.7	782.2	70.9	241.3	36.3	7.33	21.44	2.42	12.16	2.16	5.52	0.77	3.58	0.5	55.3	6.09	1.98
BRRCO47	46	48	2	2218	418.7	1155.5	105.94	348.6	48.83	9.7	27.78	3.04	14.63	2.65	6.4	0.84	4.08	0.61	71.5	20	2.84
BRRCO47	48	50	2	2332	416.4	1234.1	104.61	359.1	49.99	10.43	31.24	3.5	18.13	3.16	7.86	1.01	4.72	0.67	87.8	6.98	3.05
BRRCO47	50	52	2	2732	507.9	1387.6	123.82	437.2	60.43	12.21	37.24	4.42	22.32	4.04	9.48	1.26	6.41	0.87	117.4	11.75	3.9
BRRCO47	52	54	2	3529	784.7	1633.2	172.74	599.3	82.59	16.32	47.61	5.56	26.63	4.82	11.94	1.51	7.81	1.08	133.3	28	3.64
BRRCO47	54	56	2	955	214.6	434.7	46.5	158.5	22.79	4.53	13.54	1.57	8	1.44	3.81	0.47	2.4	0.26	42	13.8	2.72
BRRCO47	56	58	2	996	230.4	459.2	47.71	159.7	22.15	4.46	13.6	1.47	7.8	1.37	3.26	0.45	2.23	0.36	41.9	22.4	2.61
BRRCO47	58	60	2	890	214	402.7	41.31	138.1	19.37	4.41	13.14	1.51	7.7	1.42	3.38	0.45	2.34	0.36	40.2	23.6	2.21
BRRCO47	60	62	2	1276	258	577.1	61	226.7	32.13	6.92	21.09	2.65	12.97	2.24	6.26	0.75	4.11	0.55	63.7	9.41	3.38
BRRCO47	62	64	2	1221	238.1	504.7	61.97	244.8	35.61	6.51	22.48	3.02	14.98	2.73	7.47	0.98	5.6	0.71	71.8	26.3	4.02
BRRCO47	64	66	2	536	107.5	222.2	25.48	97.7	13.28	2.92	10.1	1.24	6.62	1.34	4.41	0.55	3.49	0.51	39.6	42.2	2.63
BRRCO47	66	68	2	1221	236.9	524.3	58.95	224.4	31.9	6.61	22.31	3.03	15.21	2.99	7.79	1.02	5.74	0.77	79.3	14.7	4.64
BRRCO47	68	70	2	1242	261.5	539	56.65	209.2	27.49	6.13	20.29	2.89	13.48	2.69	8.08	1.05	6.29	0.86	87.2	20.3	4.09
BRRCO47	70	72	2	761	137.8	314.3	35.75	138.1	21.28	3.54	15.1	2.21	11.12	2.1	6.52	0.79	4.69	0.46	67.8	49	3.07
BRRCO48	24	26	2	489	126	188.4	25.85	91.5	13.16	2.24	7.73	1.14	5.53	0.93	2.4	0.28	1.41	0.13	23.1	32.6	1.66
BRRCO48	26	28	2	1257	252.1	561.1	65.83	243.6	33.75	6.45	20	2.71	12.05	2.13	5.13	0.53	2.77	0.3	48.8	39.1	2.45
BRRCO48	28	30	2	1370	276.8	652	60.52	221.5	32.13	5.48	20	2.62	12.34	2.26	5.84	0.63	3.81	0.46	73.9	25.1	1.7
BRRCO48	30	32	2	1103	254.5	445.7	54.36	205.2	28.76	6.01	21.04	2.65	13.02	2.26	6	0.63	3.82	0.47	59.5	8.19	3.32
BRRCO48	32	34	2	2889	656.8	1139.5	152.81	583	80.62	14.88	53.38	6.73	30.53	5.17	13.08	1.48	6.98	0.75	143.5	17.25	4.86
BRRCO48	34	36	2	1941	335.4	853.4	98.45	424.4	59.74	10.89	35.05	4.13	19.8	3.2	8.29	0.84	4.21	0.5	82.9	14.95	6.07
BRRCO48	36	38	2	950	227.5	340.1	57.86	208.1	29.11	4.53	16.6	2.21	10.2	1.71	4.77	0.52	3	0.38	43.8	13.6	5.54
BRRCO48	38	40	2	1289	371.8	477.6	72.6	239	28.88	4.82	18.44	2.23	10.21	1.99	5.07	0.53	3.22	0.34	52.3	24.6	3.26
BRRCO48	40	42	2	834	256.8	265.2	50.49	167.3	21.98	3.46	12.68	1.69	8.38	1.36	3.52	0.47	2.59	0.27	38.2	50.5	5.44
BRRCO48	42	48	6	291	91.1	80.1	18.48	61.5	10.02	1.2	5.48	0.71	3.88	0.6	1.3	0.18	1.32	0.13	15.2	80.7	5.4
BRRCO48	48	54	6	676	178.8	272.6	36.84	117.1	16.87	2.4	9.66	1.22	6.21	0.98	2.6	0.33	2.03	0.27	28.4	44	2.9
BRRCO48	54	60	6	933	219.9	485	43.12	130.5	15.6	2.52	7.16	0.81	4.04	0.65	2	0.23	1.44	0.19	20	36.8	2.37

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
BRRCO48	60	66	6	611	141.9	291	28.02	91.1	11.65	2.7	7.6	0.85	4.19	0.74	2.24	0.31	2	0.26	26.5	37.4	1.88
BRRCO48	66	72	6	504	136	243.1	23.97	70.4	7.89	1.57	3.85	0.42	2.02	0.33	1.14	0.13	0.72	0.13	12.4	37.5	2.05
BRRCO49	12	14	2	1252	296.7	585.7	61.48	220.9	29.92	5.99	14.18	1.24	5.37	0.88	2.53	0.28	2.14	0.26	25.4	23.6	1.95
BRRCO49	14	16	2	1407	380	680.3	66.56	215.7	25.86	5.16	11.16	0.95	3.52	0.52	1.4	0.18	1.05	0.17	15.4	27.6	2.02
BRRCO49	16	18	2	1301	310.8	627.5	63.9	218.6	26.21	5.39	12.91	1.36	5.55	0.85	2.21	0.28	1.7	0.22	24.1	26.3	2.73
BRRCO49	18	20	2	1165	202.3	417.5	46.62	190	32.71	8.38	30.43	4.7	24.45	5.34	15.48	2.05	13.83	1.86	169.5	15.9	3.37
BRRCO49	20	22	2	870	204.1	378.2	37.44	134	19.48	5.24	16.89	2.09	9.58	1.71	4.61	0.61	3.67	0.53	52.5	17.5	3.57
BRRCO49	22	24	2	956	204.1	412.6	44.21	161.4	23.54	5.48	18.85	2.46	11.53	2.01	5.6	0.7	4.77	0.63	58.4	16.55	3.94
BRRCO49	24	26	2	897	187	375.7	42.03	157.9	22.79	4.5	16.02	2.25	10.48	1.81	5.68	0.62	3.51	0.54	66.8	24	2.97
BRRCO50	54	56	2	3461	873.8	1264.8	186.03	694.9	99.99	22.17	68.83	8.94	41.67	6.69	15.83	1.72	9.92	1.22	165.1	29.5	3.87
BRRCO50	56	58	2	1886	416.4	724.5	99.78	383.6	56.02	13.08	35.85	4.58	21.86	3.85	9.82	1.21	7.39	0.93	107.5	17.5	2.38
BRRCO50	58	60	2	1579	335.4	617.6	86.73	314.8	47.9	10.47	30.55	3.98	18.65	3.27	9.45	1.06	7.02	0.86	91.6	17.1	3.17
BRRCO50	60	62	2	1917	358.9	717.1	103.52	413.9	59.85	14.18	40.12	5.43	26.17	4.83	13.65	1.71	11.56	1.5	144.7	29.5	3.22
BRRCO50	62	64	2	2644	510.2	928.3	151	588.8	88.5	18.99	62.26	8.17	38.22	7.11	19.2	2.37	15.31	2.06	203.8	23.4	3.42
BRRCO50	64	66	2	1810	324.9	730.6	90.35	362.6	55.44	12.21	39.54	5.13	24.56	4.65	12.57	1.51	10.14	1.43	134.6	16.95	3.86
BRRCO50	66	68	2	2066	282.6	781	79.12	313.6	49.53	11	41.85	6.32	37.65	9.12	31.08	4.21	30.06	4.8	384.8	28.1	3.43
BRRCO50	68	70	2	1353	232.8	537.8	59.31	235.5	34.33	8.02	28.59	4.18	23.07	4.74	14.4	1.9	12.13	1.72	154.9	50.3	3.38
BRRCO50	70	72	2	504	99.5	200.1	24.88	89.3	13.34	3.61	9.83	1.21	6.49	1.32	3.95	0.55	3.02	0.44	46.7	11.15	1.54
BRRCO50	72	74	2	436	81.6	179.2	20.71	74.1	11.57	2.95	7.75	0.99	5.14	1.19	3.64	0.49	2.59	0.45	44	10.6	1.8
BRRCO50	74	76	2	681	117.8	282.4	32.49	118.9	17.98	4.55	13.6	1.81	8.65	2.01	5.88	0.75	4.44	0.67	69.5	11.95	2.85
BRRCO50	76	78	2	856	149.5	357.3	42.4	153.9	24.01	5.26	17	2.16	10.94	2.39	6.67	0.93	5.04	0.79	78.7	14.8	3.69
BRRCO54	24	30	6	263	77.6	109.5	12.68	40.5	5.16	1.2	2.77	0.34	1.84	0.32	0.9	0.13	1	0.13	9.3	26.1	1.57
BRRCO54	30	32	2	2263	358.9	1584.1	65.35	190.6	23.31	4.48	10.67	1.11	5.09	0.75	1.88	0.21	1.13	0.13	15.7	24.7	0.82
BRRCO54	32	34	2	1392	210.5	989.7	36.36	108.7	12.64	3.17	7.11	0.92	4.01	0.72	1.71	0.2	1.27	0.15	15.7	19.25	0.87
BRRCO54	34	36	2	492	96.7	319.2	15.28	45.5	4.37	1.25	2.14	0.23	1.06	0.21	0.58	0.06	0.44	0.03	5.4	19	0.71
BRRCO54	36	38	2	826	141.9	556.2	25.24	71.9	8.34	2.06	4.61	0.44	2.22	0.4	0.94	0.12	0.8	0.15	11.5	23.4	0.87
BRRCO54	38	40	2	1132	177.7	739.2	36.96	118.3	16.47	3.71	9.07	1.03	4.3	0.74	2	0.23	1.35	0.2	21.4	31	0.81
BRRCO54	40	42	2	987	134.8	661.8	30.92	102.3	14.84	3.32	8.61	1.04	4.38	0.72	2.14	0.19	1.05	0.12	21.5	33.9	0.83
BRRCO54	42	48	6	577	101.3	361	20.29	65.8	7.87	1.96	3.92	0.47	2.18	0.34	0.93	0.12	0.75	0.09	10.1	19.75	0.96
BRRCO54	48	53	5	501	117.1	261.5	21.56	67.5	8.46	2.31	4.64	0.51	2.45	0.41	1.06	0.17	1.07	0.18	12.4	19.6	1.24
BRRCO55	42	44	2	2110	552.4	887.8	95.79	334.6	48.6	12.04	36.43	4.11	18.88	3.39	9.08	1.03	5.62	0.76	99.8	26.3	2.66
BRRCO55	44	46	2	2876	607.6	1424.4	126.23	440.7	66.46	14.41	43.46	4.9	21.35	3.66	9.68	1.14	5.92	0.84	105.4	30.1	2.84
BRRCO55	46	48	2	1280	287.3	645.9	59.31	190.6	25.75	5.14	15.39	1.69	7.61	1.28	2.99	0.34	1.62	0.22	35.5	12.05	1.46
BRRCO55	48	50	2	404	99.1	182.9	20.59	66.9	9.07	1.65	5.41	0.57	2.8	0.48	1.24	0.12	0.86	0.12	12.9	11.65	1.91
BRRCO55	50	52	2	728	136	340.1	39.86	140.5	21.4	4.52	11.35	1.41	5.57	1	2.41	0.27	1.59	0.22	22.3	7.87	2.28
BRRCO55	52	54	2	695	94.3	298.4	37.32	149.8	27.02	6.5	18.33	2.38	9.91	1.65	4.64	0.58	3.53	0.43	40.6	8.08	1.96
BRRCO55	54	56	2	737	124.3	281.2	32.01	125.3	24.01	6.04	19.71	2.88	14.92	2.85	8.26	1.06	6.73	1.1	87.1	7.19	1.88
BRRCO55	56	58	2	594	75.3	200.1	25.73	112.9	23.78	6.01	21.27	2.79	14.29	3.07	9.6	1.22	7.17	1.1	90.2	7.59	1.92
BRRCO55	58	60	2	501	53.7	137.5	17.99	83	17.98	5.28	20.23	2.9	16.35	3.6	10.9	1.37	8.41	1.45	120.5	7.43	1.7
BRRCO56	18	20	2	243	67.2	107.6	10.89	33.3	4.45	0.93	3.23	0.37	2.05	0.38	1.01	0.14	0.71	0.1	10.7	16.05	1.3
BRRCO56	20	22	2	382	127.8	156.5	19.87	53.1	6.54	1.48	3.95	0.45	2.41	0.32	0.9	0.12	0.71	0.1	8.5	21.3	1.29
BRRCO56	22	24	2	261	71.4	138.1	11.05	28.5	3.59	0.75	1.57	0.21	0.98	0.13	0.52	0.05	0.48	0.05	4.1	25.4	1.46
BRRCO56	24	26	2	606	175.3	281.2	27.78	81	10.13	1.94	6.31	0.74	3.75	0.63	1.39	0.15	1.2	0.17	14.4	22.7	2.48
BRRCO56	26	28	2	580	115.6	295.9	27.05	89.8	12.81	2.57	6.65	0.89	3.96	0.74	1.94	0.29	1.35	0.13	20.5	17.05	2.67

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
BRRCO56	28	30	2	705	146	349.9	33.34	107.7	15.66	3.16	10.23	1.27	5.8	1.03	2.84	0.38	1.66	0.2	26.6	17.6	2.93
BRRCO56	30	32	2	569	115.7	294.7	25.97	78.8	10.84	2.21	6.64	0.91	4.24	0.74	2.27	0.3	1.7	0.29	24.6	17.7	3.19
BRRCO56	32	34	2	668	147.2	289.8	32.73	114.5	16.82	3.68	11.76	1.43	6.77	1.26	3.5	0.46	2.5	0.42	35.3	15.75	3.37
BRRCO56	34	36	2	884	188.2	385.5	42.52	151.5	23.31	5.08	16.54	1.95	9.6	1.71	4.69	0.6	3.43	0.46	49.7	17.5	3.97
BRRCO56	36	38	2	608	132.5	284.8	28.5	94.6	14.79	2.57	8.94	1.12	5.51	1.04	2.43	0.34	2.11	0.26	29.3	15.95	2.9
BRRCO56	38	40	2	396	91	184.8	19.08	59.6	8.8	1.5	5.23	0.67	3.2	0.58	1.46	0.2	1.16	0.21	18.6	21.8	2.74
BRRCO59	6	8	2	915	177.1	394.1	42.76	163.2	27.72	6.38	21.9	2.68	11.82	2	4.18	0.5	3.02	0.38	58.1	15.6	2.01
BRRCO59	8	10	2	1356	258	601.7	63.29	234.3	37.23	9.32	33.32	4.01	18.31	3.11	6.65	0.83	4.3	0.44	81.5	18.25	1.86
BRRCO59	10	12	2	1461	286.2	620.1	75.25	274	41.64	9.07	28.7	3.75	17.9	2.95	7.26	0.94	4.69	0.5	88.9	22.4	1.88
BRRCO59	12	14	2	1242	254.5	601.7	61.12	209.2	29.34	5.84	17.64	2.03	9.1	1.51	3.55	0.52	3.13	0.38	43.4	20.1	2.18
BRRCO59	14	16	2	1225	258	541.5	67.28	233.2	35.61	6.73	19.19	2.21	10.05	1.68	3.79	0.52	3.07	0.45	41.9	14.6	1.93
BRRCO59	16	18	2	1962	380	908.7	104.85	381.2	57.18	12.04	32.86	3.86	15.55	2.44	5.61	0.63	4.6	0.48	52.3	16.45	2.33
BRRCO59	24	30	6	1045	185.9	475.2	59.67	218.6	31.66	5.76	14.52	1.38	6.33	1.19	3.25	0.47	3.72	0.55	36.9	12.15	3.86
BRRCO59	30	36	6	1012	170.6	406.4	50.25	198.2	35.72	7.93	24.32	2.95	13.71	2.69	6.67	1.08	6.5	1	84.7	9.16	4.33
BRRCO59	36	42	6	962	170.6	401.5	48.44	176.6	30.16	7.04	23.98	2.63	13.14	2.49	5.65	0.81	4.46	0.72	74	8.86	2.16
BRRCO59	42	46	4	916	165.3	392.9	47.11	170.2	29.23	6.43	19.94	2.28	11.05	2	4.84	0.69	4.15	0.57	59.4	8.78	2.34
BRRCO61	18	20	2	402	183.5	139.3	18.6	43.7	4.53	0.91	2.61	0.3	1.44	0.2	0.51	0.06	0.62	0.07	6.3	33.8	1.85
BRRCO61	20	22	2	379	135.4	181.7	14.37	34.1	3.37	0.83	1.78	0.27	1.28	0.19	0.51	0.09	0.54	0.09	5.2	23	1.28
BRRCO61	22	24	2	1880	816.4	544	99.05	293.8	32.82	6.62	21.5	2.17	9.31	1.55	3.38	0.43	2.07	0.29	47.2	40.5	3.23
BRRCO61	24	26	2	13906	3953	4040.1	1232.16	3824.4	389.76	60.33	132.01	13.34	52	7.17	14.97	1.89	11.56	1.44	172.7	26.5	12.7
BRRCO61	26	28	2	5194	1060.3	2726.1	288.71	883.8	98.71	16.84	37.35	4.08	15.78	2.1	5.1	0.61	3.58	0.43	51.1	23.1	4.92
BRRCO61	28	30	2	1031	218.1	551.3	49.28	157.4	19.08	3.38	8.93	1.01	4.29	0.63	1.32	0.14	1.23	0.13	15.4	20.6	2.11
BRRCO61	30	31	1	1202	254.5	584.5	65.11	209.2	26.91	5.39	15.1	1.52	6.71	1.13	2.54	0.33	2.14	0.27	27.5	20.5	2.15
BRRCO62	30	32	2	1012	198.2	444.5	54.72	204	27.6	6.64	16.66	2.04	8.74	1.42	3.94	0.44	2.61	0.3	41.1	14.2	2.83
BRRCO62	32	34	2	1056	196.4	493.6	53.27	197	26.79	6.35	16.83	2.03	9.32	1.53	3.79	0.49	2.96	0.42	45.9	14.1	3.79
BRRCO62	34	36	2	1112	203.5	540.3	55.08	199.3	26.79	6.12	16.48	2.02	9.22	1.57	4.18	0.52	3.41	0.48	43.9	10.9	4.8
BRRCO62	36	38	2	1208	229.3	594.3	56.77	201.7	27.49	5.89	18.04	2.1	10.1	1.71	4.22	0.63	3.81	0.6	51.4	10.75	4.88
BRRCO62	38	40	2	1713	324.9	847.3	79.84	289.1	39.67	8.71	25.02	2.89	13.14	2.24	6	0.74	4.97	0.65	68.5	9.21	5.25
BRRCO62	40	42	2	1488	255.7	736.8	70.66	264.6	37.12	8.15	22.94	2.78	12.45	2.1	5.46	0.75	5.66	0.75	62.1	14.75	6.29
BRRCO62	42	44	2	1460	251	730.6	71.27	264.6	36.19	8.17	21.84	2.55	11.34	1.77	4.33	0.62	4.38	0.68	51.1	8.33	5.5
BRRCO62	44	46	2	1704	285	871.8	81.9	300.8	39.67	8.54	25.02	3.04	12.97	2.22	5.09	0.79	5.14	0.7	61.7	9.88	5.6
BRRCO62	46	48	2	1659	266.2	848.5	82.62	304.3	40.71	8.44	23.4	2.78	13.02	2.01	4.85	0.7	5.35	0.75	55.4	7.03	6.24
BRRCO62	48	54	6	1031	170.6	419.9	46.38	174.9	29.23	6.91	24.55	3.29	17.62	3.54	9.09	1.38	8.65	1.26	114.6	6.26	2.34
BRRCO62	54	59	5	796	151.9	356.1	40.1	142.8	21.46	4.62	14.35	1.69	7.86	1.51	3.84	0.53	3.29	0.45	45.5	5.14	1.17
BRRCO63	18	20	2	432	193.5	104	28.14	75.7	7.89	1.23	4.56	0.51	2.64	0.42	1.21	0.14	0.86	0.15	11.8	45.6	1.28
BRRCO63	20	22	2	333	147.7	69.6	22.4	60.1	7.23	1.14	4.7	0.74	3.35	0.57	1.23	0.15	0.85	0.14	13.4	57	1.59
BRRCO63	22	24	2	979	468	129.5	78.03	225	23.08	3.42	13.14	1.48	6.84	1.01	2.52	0.31	1.5	0.22	25.6	47.7	1.5
BRRCO63	24	26	2	1087	177.1	677.8	41.19	137	16.18	2.62	8	0.9	4.13	0.68	1.55	0.27	1.41	0.22	18.1	48.2	2.02
BRRCO63	26	28	2	900	180	515.7	37.08	117.1	13.28	2.03	6.92	0.85	3.92	0.67	1.41	0.23	1.73	0.22	18.9	36.3	1.84
BRRCO63	28	30	2	1119	223.4	615.2	48.8	156.2	20.24	3.08	10.79	1.31	6.11	0.96	2.32	0.39	2.38	0.29	28.1	28.5	1.79
BRRCO63	30	36	6	1018	148.3	674.1	31.89	97.2	13.97	2.32	8.12	0.9	4.53	0.96	2.29	0.39	2.63	0.36	30.2	25.9	1.73
BRRCO63	36	39	3	1580	249.8	1041.3	47.11	147.4	17.74	3.09	11.64	1.38	6.48	1.26	3.82	0.54	3.41	0.54	45.4	34.6	2.93
BRRCO64	36	42	6	1397	252.1	610.3	69.7	254.1	38.28	8.48	27.44	3.26	16.58	3.07	7.92	1.1	6.4	0.92	97.9	27.5	10.5
BRRCO64	42	43	1	785	141.3	337.7	37.2	139.9	23.43	4.68	16.14	1.97	10.3	1.79	4.84	0.66	4.61	0.59	60.7	27.3	8.23

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
BRRCO65	42	44	2	1126	181.8	763.8	32.61	104.2	11.44	2.47	6.5	0.77	3.32	0.63	1.56	0.19	1.36	0.17	15.4	30.8	4.23
BRRCO65	44	46	2	1395	204.1	988.5	37.68	119.5	12.81	2.39	6.69	0.75	3.62	0.61	1.42	0.2	1.65	0.17	15.7	29.7	4.09
BRRCO65	46	48	2	1315	194.7	927.1	37.81	111	13.45	2.51	6.01	0.63	3.24	0.57	1.54	0.18	1.43	0.17	14.7	31.8	5
BRRCO65	48	50	2	1391	239.2	917.3	45.42	133.5	16.53	2.95	7.44	0.83	4.1	0.75	2.03	0.25	1.94	0.26	18.7	39.4	5.06
BRRCO65	50	52	2	1385	203.5	954.1	42.52	130	16.47	2.91	6.89	0.83	4.17	0.68	1.87	0.3	1.91	0.25	18.9	32.2	5.46
BRRCO65	52	54	2	1731	347.2	1004.5	70.54	216.2	27.84	4.93	12.51	1.49	7.28	1.1	2.9	0.31	2.73	0.31	31.2	38.1	4.59
BRRCO65	54	56	2	1507	327.2	843.6	64.38	192.3	23.89	4.58	10.76	1.15	5.55	0.92	2.54	0.34	2.8	0.32	27	37.8	3.96
BRRCO65	56	58	2	792	185.3	424.8	32.85	101	12.29	3.35	6.27	0.7	3.28	0.59	1.82	0.23	2.05	0.23	18	16.8	2.18
BRRCO65	58	60	2	701	254.5	252.9	36.48	102.2	12.41	3.08	6.9	0.87	3.99	0.79	1.98	0.26	1.73	0.26	23.3	13.4	1.57
BRRCO65	60	62	2	2902	946.6	650.8	195.09	659.9	89.66	18.47	58.57	6.3	35.35	5.97	16.85	2.21	13.61	1.69	201.9	29.8	3.02
BRRCO65	62	64	2	880	223.4	335.2	48.07	163.8	23.2	4.05	13.66	1.57	8.35	1.39	4.42	0.55	3.55	0.5	48.5	27	2.36
BRRCO65	64	66	2	1102	262.7	434.7	50.13	171.4	23.31	4.45	18.21	2.18	12.11	2.44	7.92	0.98	5.93	0.87	105.2	25.6	2.36
BRRCO65	66	67	1	1111	302.6	423.6	61.6	202.8	27.02	4.85	15.45	1.83	9.16	1.65	4.29	0.53	3.71	0.46	52.4	24.3	2.66
BRRCO66	6	8	2	127	24.6	60.7	5.27	16.5	2.62	0.63	2.04	0.29	1.81	0.33	1.06	0.15	0.99	0.11	10.1	13.4	1.36
BRRCO66	8	10	2	176	41.6	75.3	8.95	27.7	4.18	0.9	3.18	0.37	2.06	0.35	0.92	0.12	0.79	0.11	9.5	14.15	1.2
BRRCO66	10	12	2	1192	272.1	502.2	69.21	221.5	32.94	6.4	20.69	2.15	11.02	1.68	3.97	0.49	2.42	0.32	45.8	27.3	2.32
BRRCO66	12	14	2	1672	279.1	879.2	79.6	275.1	43.38	7.43	23.29	2.59	13.2	2.01	5.2	0.6	3.38	0.4	58.5	29.7	2.16
BRRCO66	14	16	2	1431	294.4	734.3	71.63	209.8	30.27	5.46	16.71	1.99	9.24	1.5	3.8	0.46	2.96	0.34	48.3	34.6	2.33
BRRCO66	16	18	2	635	161.2	268.9	33.34	106.5	16.47	2.75	9.43	1.02	5.32	0.79	1.85	0.25	1.24	0.17	26	35.3	1.65
BRRCO66	18	24	6	245	71.7	120.5	10.38	28.5	3.85	0.77	1.77	0.29	1.23	0.19	0.54	0.07	0.38	0.05	5.4	34.7	1.26
BRRCO66	24	26	2	197	59.3	97.9	8.29	21.1	2.54	0.71	1.7	0.19	0.86	0.14	0.36	0.05	0.39	0.1	4	34.3	1.1
BRRCO66	26	28	2	297	85.7	149.8	11.7	33.4	3.94	1.07	2.37	0.27	1.23	0.27	0.69	0.11	0.44	0.1	6.9	37.8	1.23
BRRCO66	28	30	2	225	64.1	111.9	9.16	25.3	3.42	0.83	2.04	0.27	1.14	0.16	0.44	0.06	0.41	0.07	6.2	34.7	1.21
BRRCO66	30	32	2	320	82.8	150.4	13.71	40.2	4.99	1.47	3.75	0.48	2.64	0.48	1.54	0.17	1.02	0.12	17.2	32.9	1.68
BRRCO66	32	34	2	583	104.3	318	23.43	79.6	13.74	2.65	8.7	0.97	5.14	0.79	2.05	0.25	1.5	0.21	22.4	43.6	4.04
BRRCO66	34	36	2	360	95.4	189.1	13.89	38.4	5.17	1.27	2.64	0.35	1.79	0.3	0.62	0.1	0.74	0.1	10.5	30.3	1.43
BRRCO66	36	38	2	678	193.5	249.2	37.08	118.3	17.98	4.04	12.27	1.43	6.94	1.24	2.61	0.29	1.65	0.21	31.4	32.6	3.81
BRRCO66	38	40	2	2486	681.5	970.1	146.16	466.4	69.13	14.18	37.01	4.53	19.51	3.09	6.42	0.75	4.43	0.61	62.7	38.4	7.76
BRRCO66	40	42	2	4638	1136.6	1835.8	286.29	958.4	132.24	26.51	70.21	8.11	35.35	5.47	12.45	1.45	7.36	1.05	121.4	42.2	7.62
BRRCO66	42	44	2	5284	517.2	1774.4	275.42	1265.1	248.24	55.12	177.56	21.87	107.33	21.31	59.55	8.08	51.82	8.06	693.4	31.6	7.42
BRRCO66	44	46	2	1937	279.1	637.3	82.86	333.4	62.06	14.53	56.84	7.38	39.6	8.58	25.03	3.42	22.49	3.92	360.6	32	6.64
BRRCO67	42	48	6	616	161.2	289.8	30.2	95.1	11.27	2.02	5.77	0.65	3.03	0.45	1.21	0.13	0.96	0.14	14.3	36.5	3.44
BRRCO67	48	50	2	690	104.2	476.4	19.63	62.2	7.86	1.54	3.73	0.47	2.18	0.35	0.92	0.14	0.94	0.12	10.1	25.6	3.23
BRRCO67	50	52	2	1628	126	1332.3	30.2	93.2	13.39	2.11	5.98	0.75	3.75	0.55	1.84	0.26	1.77	0.22	16.1	30.8	6.03
BRRCO67	52	54	2	1999	253.3	1449	56.29	172.5	22.79	3.41	9.43	0.99	5.02	0.75	2.49	0.31	2.11	0.28	21.3	41.9	5.49
BRRCO67	54	56	2	1287	138.4	977.4	33.22	101.6	12	2.75	5.05	0.54	2.51	0.45	1.21	0.17	1.38	0.19	11.1	24.3	2.59
BRRCO67	56	58	2	3156	373	2253.3	95.43	307.8	40.94	7.57	18.5	2.08	9.8	1.48	4.43	0.51	3.37	0.38	38.4	36.7	6.95
BRRCO67	58	60	2	2306	434	1393.7	92.17	286.8	33.87	5.61	14.29	1.63	7.19	1.19	2.96	0.38	2.82	0.32	29.8	42.7	5.48
BRRCO67	60	62	2	1543	343.6	762.5	80.57	250.6	32.01	6.27	16.08	1.89	8.32	1.38	3.26	0.52	3.07	0.36	33.4	29.9	2.75
BRRCO67	62	64	2	2397	526.6	1146.9	117.78	395.2	53.59	11.81	28.59	3.51	16.12	2.89	7.17	1	6.58	0.95	78.6	23.1	2.31
BRRCO67	64	66	2	1081	273.3	493.6	54.48	175.4	21.51	4.92	11.29	1.24	6.09	1.05	2.61	0.37	2.82	0.44	32.6	26.5	1.68
BRRCO67	66	68	2	673	186.5	291	33.82	106.2	13.57	3.09	7.41	0.82	3.88	0.74	1.88	0.26	1.62	0.23	22.3	20.8	1.46
BRRCO67	68	70	2	460	134.3	198.9	20.17	63.6	7.54	2.24	4.94	0.52	2.7	0.58	1.37	0.21	1.38	0.18	21.5	18.35	1.22
BRRCO67	70	72	2	518	133.1	252.9	23.07	69	8.02	2.39	4.32	0.52	2.47	0.46	1.28	0.18	1.2	0.13	19.3	18.4	1.32

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
BRRCO67	78	84	6	496	106	275	21.01	65.7	7.81	2.01	3.63	0.43	1.75	0.3	1.01	0.12	0.8	0.15	10.4	18.05	1.64
BRRCO67	84	90	6	295	83.9	140.6	13.4	41.1	4.35	1.29	1.92	0.21	1.02	0.18	0.57	0.06	0.52	0.05	6.2	19.05	1.2
BRRCO67	90	94	4	845	158.9	503.4	34.3	106.6	13.05	2.36	5.93	0.64	3.04	0.52	1.36	0.21	1.19	0.14	13.7	23.3	2.59
BRRCO75	36	38	2	1738	480.9	669.2	79.96	276.3	43.96	8.45	29.63	3.63	16.87	3.23	8.34	1.08	5.99	0.77	109.8	22.9	2.75
BRRCO75	38	40	2	1835	300.2	1228	46.02	145.1	22.85	4.27	14.52	1.79	8.58	1.57	4.08	0.53	3.06	0.34	54.3	21.3	4.64
BRRCO75	40	42	2	1115	213.4	617.6	38.65	130	20.82	4.02	15.1	1.85	9.33	1.67	4.18	0.59	3.22	0.36	54.9	16.8	7.35
BRRCO75	42	44	2	1173	306.1	487.5	65.71	209.8	29.46	6.09	16.02	1.83	8.33	1.27	2.94	0.37	2.35	0.32	35.5	25.3	6.17
BRRCO75	44	46	2	2228	527.8	967.6	114.15	371.9	57.18	11.63	36.31	4.49	20.95	3.46	8.59	1.11	6.61	0.81	95.7	60.1	5.64
BRRCO75	46	48	2	1474	313.1	788.3	61	196.4	27.37	6.04	16.31	1.97	8.98	1.45	3.95	0.47	3.22	0.38	45.5	45.2	3.62
BRRCO75	48	50	2	1018	292	488.7	44.21	127	15.19	3.86	8.58	1.01	4.9	0.84	2.19	0.31	1.79	0.22	27.3	34.3	3
BRRCO75	50	52	2	1590	389.4	803.1	68.85	209.2	29.34	5.89	16.89	2.01	9.67	1.67	4.02	0.53	3.02	0.4	46.9	46.2	5.11
BRRCO75	52	54	2	1843	347.2	1016.7	79	262.3	38.62	6.98	20.29	2.38	10.74	1.75	4.24	0.6	3.67	0.47	48.1	43.2	5.45
BRRCO75	54	56	2	3082	559.5	1504.3	146.77	551.5	86.07	16.15	49.57	5.71	26.4	4.43	10.44	1.39	8.69	1.18	110.8	46.3	4.74
BRRCO75	56	58	2	2656	453.9	1301.6	125.63	466.4	73.77	14.12	44.04	5.43	25.25	4.38	10.99	1.43	9.92	1.36	118.3	35.4	4.47
BRRCO75	58	60	2	2039	367.1	793.2	92.77	343.9	56.72	12.1	42.89	5.82	30.99	6.46	19.94	3.2	22.38	3.97	238.1	40.1	4.42
BRRCO75	60	62	2	1974	449.2	885.3	95.19	319.4	49.06	8.63	28.13	3.25	15.89	2.94	7.66	1.09	7.19	1.03	100.7	53.5	3.24
BRRCO75	62	64	2	1582	360.1	683.9	77.43	260	39.2	7.09	24.32	2.94	14.06	2.69	7.2	1	6.86	1.15	94.1	41.3	2.61
BRRCO75	64	66	2	1055	238.1	467.8	50.37	169.6	24.82	5.02	15.85	1.84	9.18	1.77	4.8	0.68	4.64	0.77	60.5	28.9	2.14
BRRCO75	66	72	6	883	207	416.2	41.55	137.5	17.98	3.42	10.33	1.17	5.91	1.03	2.97	0.36	2.47	0.38	35.3	24.1	2
BRRCO75	72	77	5	848	189.4	394.1	42.03	141	20.7	3.45	10.8	1.38	6.4	1.11	2.37	0.33	2.2	0.3	32.5	20.4	2.09
BRRCO76	42	44	2	2170	921.9	903.8	79	195.8	21.63	4.67	11.76	1.38	5.8	0.8	1.77	0.17	1.16	0.15	20.8	19.4	2.42
BRRCO76	44	46	2	2096	712	889	99.66	288	35.14	7.19	18.21	1.98	8.16	1.26	2.66	0.27	1.66	0.18	31.3	27.7	2.98
BRRCO76	46	48	2	3034	882	1332.3	155.83	481.5	61.13	11.98	30.09	3.43	13.89	2.15	4.82	0.51	3.08	0.37	51	22.6	3.87
BRRCO76	48	50	2	7082	1929.5	3192.8	413.13	1195.1	138.04	26.28	60.87	6.5	26.28	3.69	7.1	0.78	4.28	0.54	77.4	7.27	2.94
BRRCO76	50	52	2	7664	1466.2	3438.4	500.11	1673.2	214.6	40.41	99.15	10.72	45.57	6.4	13.14	1.57	8.88	1.06	145.4	9.78	2.58
BRRCO76	52	54	2	2741	417.5	976.2	134.69	586.4	98.36	23.62	72.98	9.49	48.9	9.66	25.26	3.36	21.07	2.81	311.1	9.72	1.68
BRRCO76	54	56	2	1620	327.2	648.3	72.72	267	39.32	9.64	34.24	4.59	23.18	4.74	11.6	1.57	9.08	1.22	165.7	10.65	1.56
BRRCO76	56	58	2	1835	364.8	707.3	79.72	291.5	44.31	9.75	35.85	4.55	25.48	5.67	15.83	2.11	12.18	1.88	234.3	7.85	1.35
BRRCO76	58	60	2	1314	275.6	593.1	65.11	226.7	29.69	7.01	20.58	2.39	11.59	2.17	5.21	0.75	3.84	0.57	70.6	8.91	1.36
BRRCO76	60	62	2	1293	275.6	600.4	64.14	222.1	28.65	6.78	18.73	2.21	10.41	1.87	4.35	0.53	3.38	0.44	54.1	6.43	0.96
BRRCO76	62	64	2	1117	240.4	518.2	56.05	188.8	25.75	5.76	16.48	1.84	9	1.54	3.95	0.44	2.73	0.43	46.2	5.98	1
BRRCO76	64	66	2	1382	313.1	643.4	68.25	230.2	29	6.53	18.21	2.03	9.79	1.77	4.3	0.53	3.01	0.46	52.4	7.98	1.2
BRRCO76	66	67	1	1082	241.6	486.2	53.39	188.3	25.98	5.24	15.33	1.83	8.7	1.45	3.93	0.44	2.79	0.34	47.4	5.79	0.95
BRRCO77	6	8	2	921	174.7	406.4	48.44	176	26.79	5.95	17.29	1.89	9.08	1.51	3.73	0.45	2.72	0.34	45.8	11.05	1.52
BRRCO77	8	10	2	1018	185.9	456.8	53.63	194.7	29.11	6.9	19.65	2.21	9.87	1.7	4.19	0.46	2.65	0.4	50	11.25	1.54
BRRCO77	10	12	2	1091	215.8	503.4	56.77	199.3	28.42	6.1	17.64	1.98	9.25	1.43	3.5	0.41	2.57	0.36	44.7	13.85	1.52
BRRCO77	12	14	2	854	167.7	388	44.93	157.4	22.56	5.31	15.1	1.69	7.86	1.26	3.05	0.36	2.16	0.37	36.8	10.75	1.34
BRRCO77	14	16	2	865	173.6	391.7	46.14	156.8	22.44	5.56	15.1	1.64	7.69	1.31	3.2	0.37	2.14	0.32	37.7	13.75	1.56
BRRCO77	16	18	2	871	154.8	385.5	47.35	171.4	26.56	6.35	16.83	1.92	8.96	1.48	3.46	0.41	2.52	0.37	43.6	9.15	1.18
BRRCO77	18	20	2	848	155.4	375.7	44.93	165.5	24.94	5.83	16.54	1.95	8.3	1.47	3.38	0.39	2.42	0.37	41.1	9.32	1.15
BRRCO77	20	22	2	857	154.2	381.9	46.26	166.7	25.28	6.29	16.77	1.74	8.32	1.43	3.34	0.38	2.27	0.34	42.2	9.18	1.17
BRRCO77	22	24	2	989	174.1	439.6	52.78	197.6	29.92	6.18	19.19	2.18	9.86	1.66	4.12	0.47	2.67	0.38	49.2	13.7	1.36
BRRCO77	24	30	6	988	186.5	432.2	52.18	193.5	30.04	5.87	18.44	2.06	9.83	1.57	3.94	0.46	2.58	0.34	48.7	12	1.53
BRRCO77	30	32	2	989	187.6	444.5	51.46	185.9	28.3	6.58	18.44	2.1	10.02	1.61	3.64	0.41	2.8	0.37	45.3	14.25	1.51

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
BRRCO77	32	34	2	1012	197	462.9	53.15	183.6	27.72	6.32	18.33	1.96	9.11	1.53	3.77	0.42	2.57	0.37	43.6	15	1.6
BRRCO77	34	36	2	1088	204.6	496.1	57.13	207.5	29.11	6.83	19.37	2.16	9.63	1.62	4.03	0.46	2.68	0.37	46.8	18.5	2.01
BRRCO77	36	38	2	1095	208.7	504.7	57.01	200.5	28.88	6.58	19.08	2.21	10.12	1.67	4.24	0.51	3.04	0.43	48.3	17.65	2.22
BRRCO77	38	40	2	1106	203.5	498.5	58.82	210.4	31.66	7.39	20.29	2.31	11.07	1.86	4.21	0.55	3.09	0.48	52.8	16.75	2.09
BRRCO80	6	12	6	313	68.5	136.3	14.43	48.5	7.72	1.36	4.79	0.77	4.19	0.77	2.01	0.27	1.98	0.22	21.5	20.2	1.56
BRRCO80	30	32	2	1067	362.4	361	62.57	191.2	24.01	5.59	16.54	1.82	7.79	1.23	2.34	0.23	1.36	0.18	28.8	21.6	1.32
BRRCO80	32	34	2	500	157.7	179.2	31.04	95.1	11.28	2.62	6.34	0.7	3.17	0.44	0.99	0.12	0.83	0.14	11	25.3	1.62
BRRCO80	34	36	2	635	187	246.8	38.65	117.7	15.13	3.6	7.99	0.84	3.7	0.5	1.14	0.13	0.85	0.13	11.6	31.2	2.02
BRRCO80	36	38	2	758	191.7	337.7	41.07	128.8	17.11	4.08	10.13	1.02	4.79	0.69	1.62	0.15	1	0.14	18.6	32	2.16
BRRCO80	38	40	2	2074	558.3	949.2	101.71	319.4	39.32	9.44	25.02	2.81	12.62	1.92	3.89	0.38	2.03	0.26	48.1	64.6	3.06
BRRCO80	40	42	2	2281	575.9	1029	114.15	373.1	50.34	11.86	34.01	3.97	17.79	2.63	5.24	0.5	2.46	0.28	60.1	38.2	3.12
BRRCO80	42	44	2	3289	926.6	1127.3	200.52	659.9	84.68	20.38	60.76	6.8	30.42	4.97	10.16	0.98	4.35	0.52	151.1	33.1	3.55
BRRCO80	44	46	2	5124	1466.2	2198.1	285.08	850	95.58	21.24	58.22	6.3	26.28	4.01	7.79	0.77	4.22	0.5	100.3	41.2	4.9
BRRCO80	46	48	2	3569	995.8	1387.6	205.36	658.7	79.34	19.22	54.3	6.06	26.86	4.19	8.54	0.81	4.07	0.5	118.6	45.4	4.74
BRRCO80	48	50	2	2339	450.4	1218.1	106.54	352.1	50.22	12.04	33.09	4.1	19.05	2.99	6.18	0.65	3.78	0.53	79.5	47.7	3.35
BRRCO80	50	52	2	3256	740.1	1510.4	164.89	552.6	72.73	18.23	51.88	5.88	26.51	3.93	8	0.82	4.64	0.61	95.1	36.7	3.2
BRRCO80	52	54	2	4660	1042.7	2087.6	247.64	830.1	118.9	28.95	77.94	9.7	44.42	6.72	13.88	1.66	9.74	1.15	139	29.6	3.25
BRRCO80	54	56	2	635	98.6	346.2	22.83	76.3	12.99	3.61	10.44	1.54	9.33	1.83	4.99	0.77	5.5	0.86	40	7.09	3.28
BRRCO80	56	58	2	1556	279.1	749	74.41	264.6	40.02	9.63	26.98	3.75	18.31	3.18	8.14	1.03	6.59	0.9	71.2	18.65	3.16
BRRCO80	58	60	2	3114	590	1289.4	170.32	635.4	100.68	25.01	67.1	8.94	42.7	6.76	15.54	1.98	11.39	1.37	147.9	40.2	3.86
BRRCO80	60	62	2	2496	534.8	951.7	126.23	469.8	68.55	17.13	54.76	7.17	36.85	6.71	16.57	2.28	14.12	2.08	187.3	35	3.43
BRRCO80	62	64	2	2139	389.4	864.5	99.53	363.7	56.72	13.37	47.73	5.98	31.57	6.49	17.37	2.32	13.95	2.27	224.7	28	2.53
BRRCO80	64	66	2	1714	329.6	666.8	77.31	269.3	37.7	8.27	28.59	3.75	22.55	5.16	16.05	2.43	13.78	2.56	231.1	23.7	2.31
BRRCO80	66	68	2	1432	337.8	653.2	70.78	235.5	28.88	6.54	17.64	2.16	10.27	1.81	4.85	0.55	3.82	0.62	58	26.3	1.8
BRRCO80	68	70	2	1224	282.6	566.1	62.09	204	24.36	5.52	15.1	1.78	8.19	1.44	3.72	0.5	2.83	0.42	45.9	22.7	1.6
BRRCO80	70	72	2	1379	321.4	638.5	68.13	230.8	29	5.89	16.94	1.94	8.85	1.61	3.8	0.47	2.97	0.48	48.6	25.4	1.37

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 Jupiter clay-hosted REE and alkaline intrusive target. 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 Tables 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 1428 1955"> <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.