ASX Announcement

Wednesday, 17 July 2024

Another Record Drilling Result – 57m @ 3,430ppm TREO

The Board of Venture Minerals (ASX: VMS) is pleased to announce drilling and assay results targeting the northwest quarter of Jupiter. Assays confirm another record-breaking result with BRAC281 delivering **57m @ 3,430ppm TREO**. Drilling in this area has been particularly successful, with 3 of the top 10 intersections over the entire project being recorded in this latest batch of assays. Venture Minerals is now well positioned to complete its maiden resource estimate, with drilling confirming broad zones of high-grade, REE mineralisation over the entire 40 km^2 Jupiter system *(Figures 1 & 2).*

HIGHLIGHTS

- **Jupiter delivers another record-breaking intersection of 57m @ 3,430ppm TREO**
- **Latest drilling contains 3 of the top 10 drill intersections across Jupiter**
- **Consistent results over 40km^2 are positive indicators for the maiden resource estimate**
- **Magnetic rare earths consistently tracking at 23% over entire Jupiter area**
- **Strong cash position and 100% ownership of Jupiter secured from JV partner**

1 July 2024 Strategy Funded for 18 Months – Jupiter Rising and Investor presentation – Jupiter Funded to Rise

Highlight Intersections from recent Air Core Drilling *(see Table 1 for full listing)*

Hole No.	Metres/TREO ppm	Including TREO ppm
BRAC272	38m @ 1,521	8m @ 2,200
BRAC274	30m @ 1,579	8m @ 2,006
BRAC279	40m @ 1,836	24m @ 2,036
BRAC281	57m @ 3,430	32m @ 4,193
BRAC282	56m @ 1,460	
BRAC285	31m @ 1,829	20m @ 2,328
BRAC287	20m @ 2,363	8m @ 3,756
BRAC288	45m @ 1,652	4m @ 6,541
BRAC289	43m @ 1,473	
BRAC293	52m @ 1,743	28m @ 2,255
BRAC294	55m @ 1,509	12m @ 2,193
BRAC297	25m @ 2,324	
BRAC298	55m @ 2,043	8m @ 6,179
BRAC299	37m @ 1,615	17m @ 2,025
BRAC301	41m @ 1,905	16m @ 3,156
BRAC303	47m @ 1,505	16m @ 2,476
BRAC305	78m @ 1,495	8m @ 2,360
BRAC307	31m @ 2,103	8m @ 3,079
BRAC309	40m @ 1,476	16m @ 2,101
BRAC310	43m @ 1,596	24m @ 2,012

Managing Director, Philippa Leggat, said

"With this batch of results we've now received assays from drilling over the entire Jupiter system and the potential they indicate for our upcoming Maiden Resource has heightened our anticipation. These results come at a time when we have secured 100% ownership of the Project and attracted high-quality, institutional investors to fund the Company for the next 18 months. I look to working with stakeholders and shareholders as we focus on unlocking the full potential of the Jupiter discovery."

Figure 1 | Jupiter 40 km^2 target area with drill hole locations coloured by TREO grade thickness on gravity image. NEW intersections with >2,000 ppm TREO zones annotated.

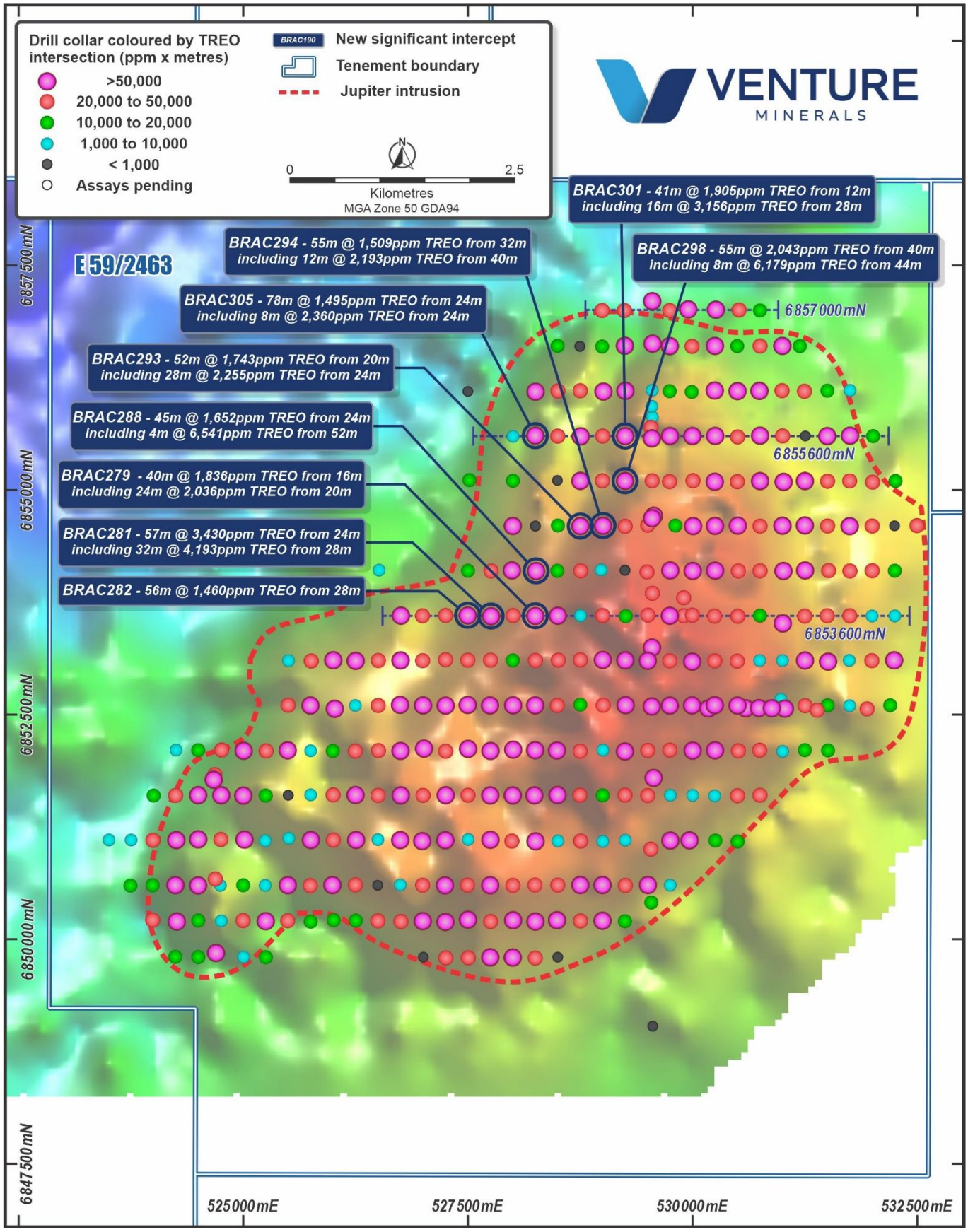


Figure 2 | Jupiter 40 km^2 target area with drill hole locations coloured by TREO grade thickness on satellite image.

NEW intersections with >2,000 ppm TREO zones annotated

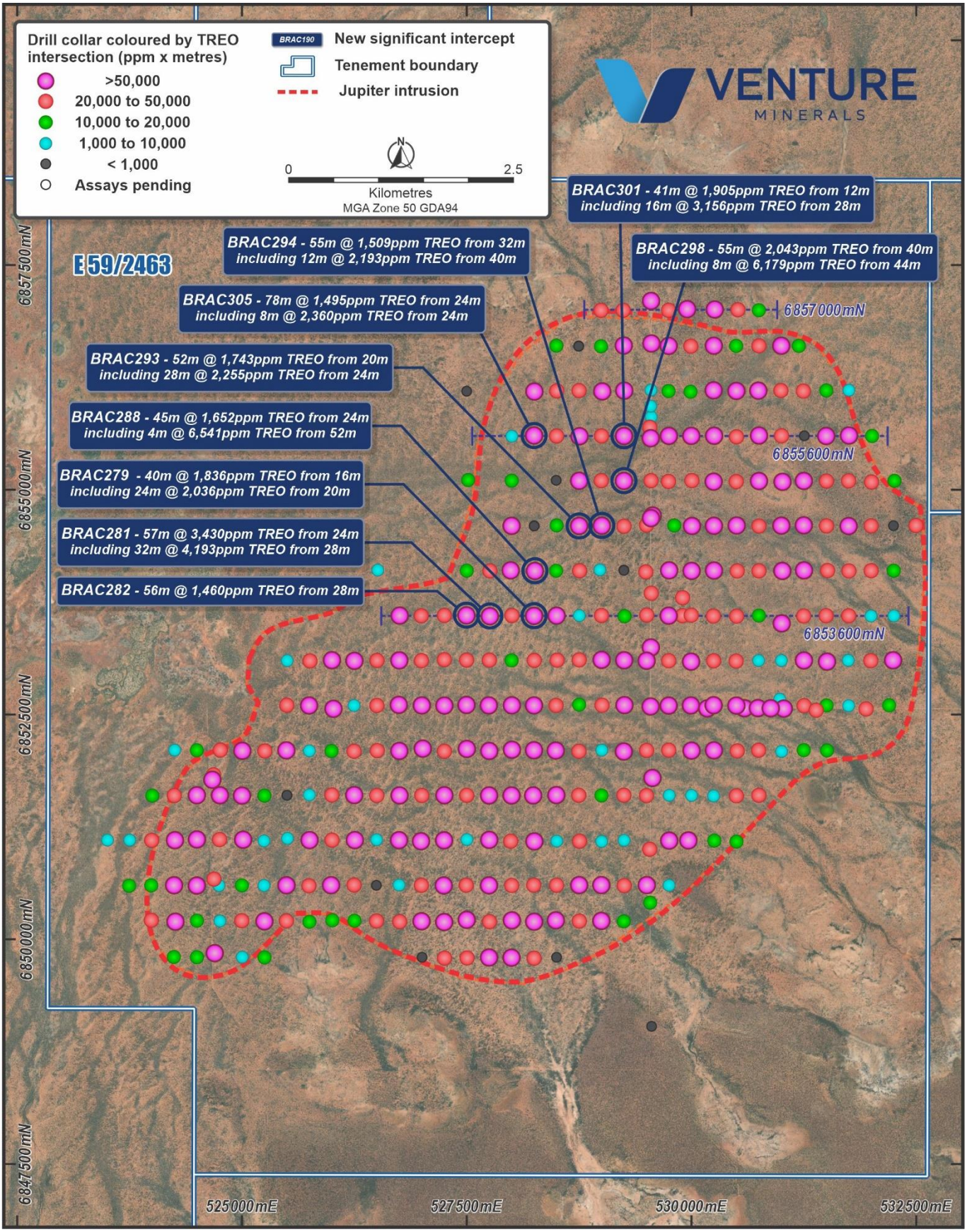
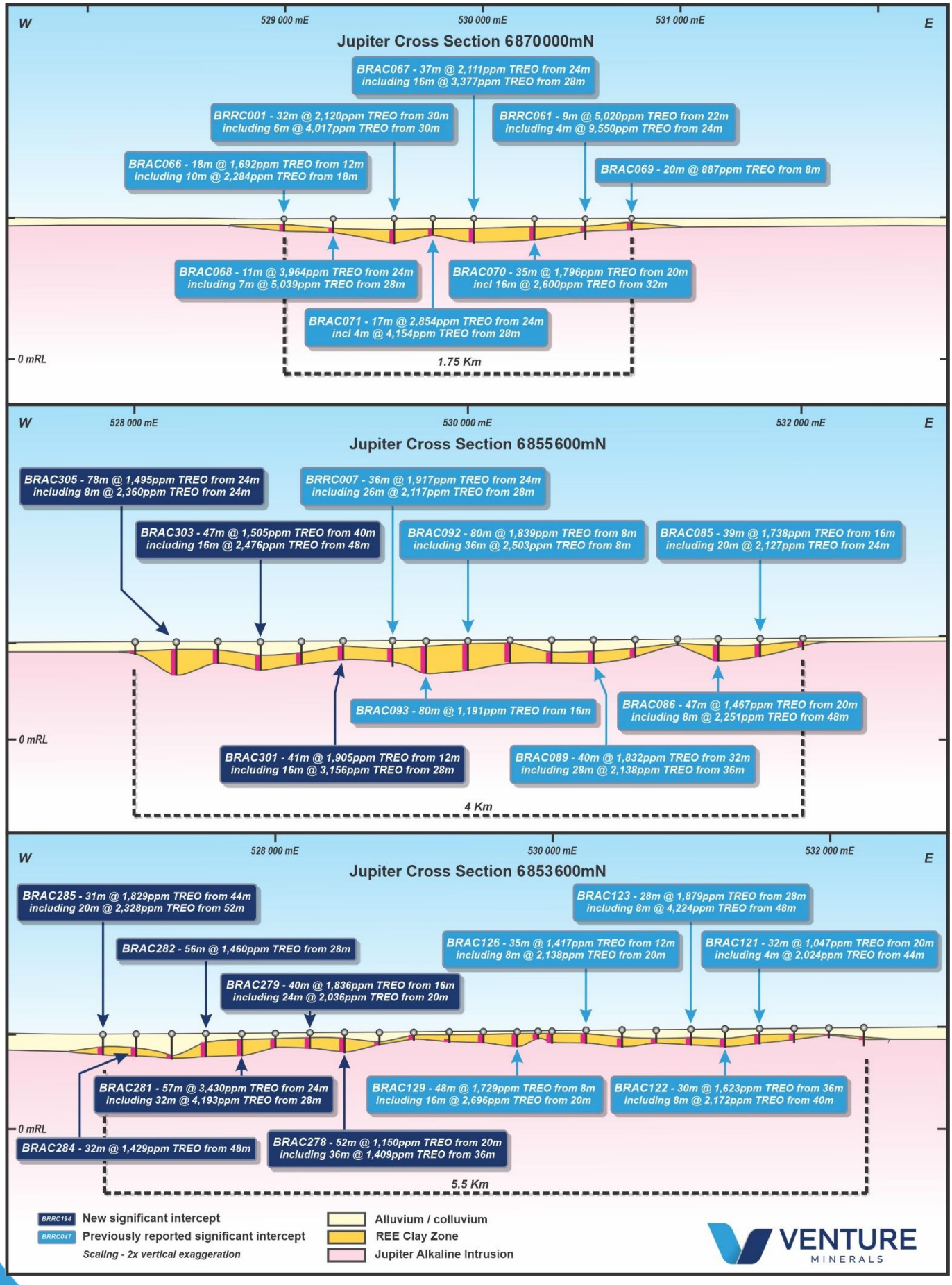


Figure 3 | Jupiter Drill Sections 6857000mN, 6855600mN, 6853600mN.



Venture has now completed 356 drill holes for c. 22 km of drilling into the Jupiter clay-hosted REE target area. Assay results from the comprehensive drill program have confirmed broad clay zones, up to 80 metres thick, occur over the entire Jupiter alkaline intrusion. The clay zone at Jupiter has broad, high grade REE mineralisation that typically demonstrates excellent continuity in both grade and width.

The receipt of the final batch of assays marks the completion of the Stage 1 resource drill out and sees Jupiter successfully drilled to a density of 500m by 250m over the entire 40 km^2 target. The Company now has a detailed dataset and is well positioned to focus on resource estimation work and advancing a comprehensive metallurgical program.

On going assessment of the assay dataset continues to confirm that the magnetic rare earth component consistently averages 23% and that uranium and thorium levels both remain very low throughout the entire Jupiter system.

Venture now has c. 1,180 km^2 of granted exploration licences and 178 km^2 of exploration licence applications highly prospective for clay-hosted REE mineralisation within the Brothers Project

Jupiter is well located in regional Western Australia, away from any significant population centres and close to infrastructure. The new discovery is less than 10km from the bitumen highway that runs between Mount Magnet and Geraldton, providing easy access to the labour centres, the Port of Geraldton and Mid-West gas pipeline that runs parallel to the bitumen highway. The licences are situated on minimally stocked pastoral leases and standard heritage assessments will be undertaken.

Figure 4 | Location map Jupiter and Brothers clay-hosted REE Project

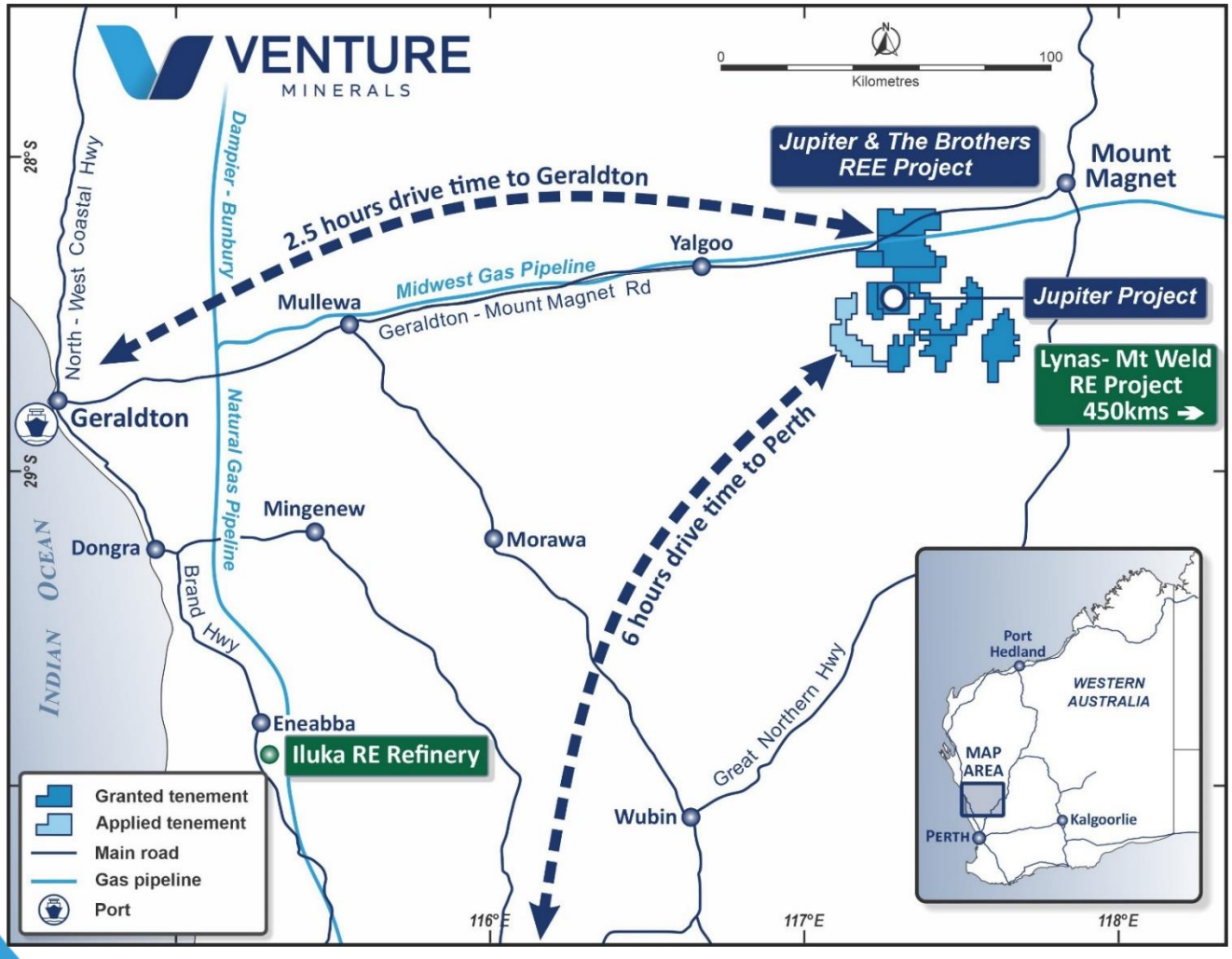
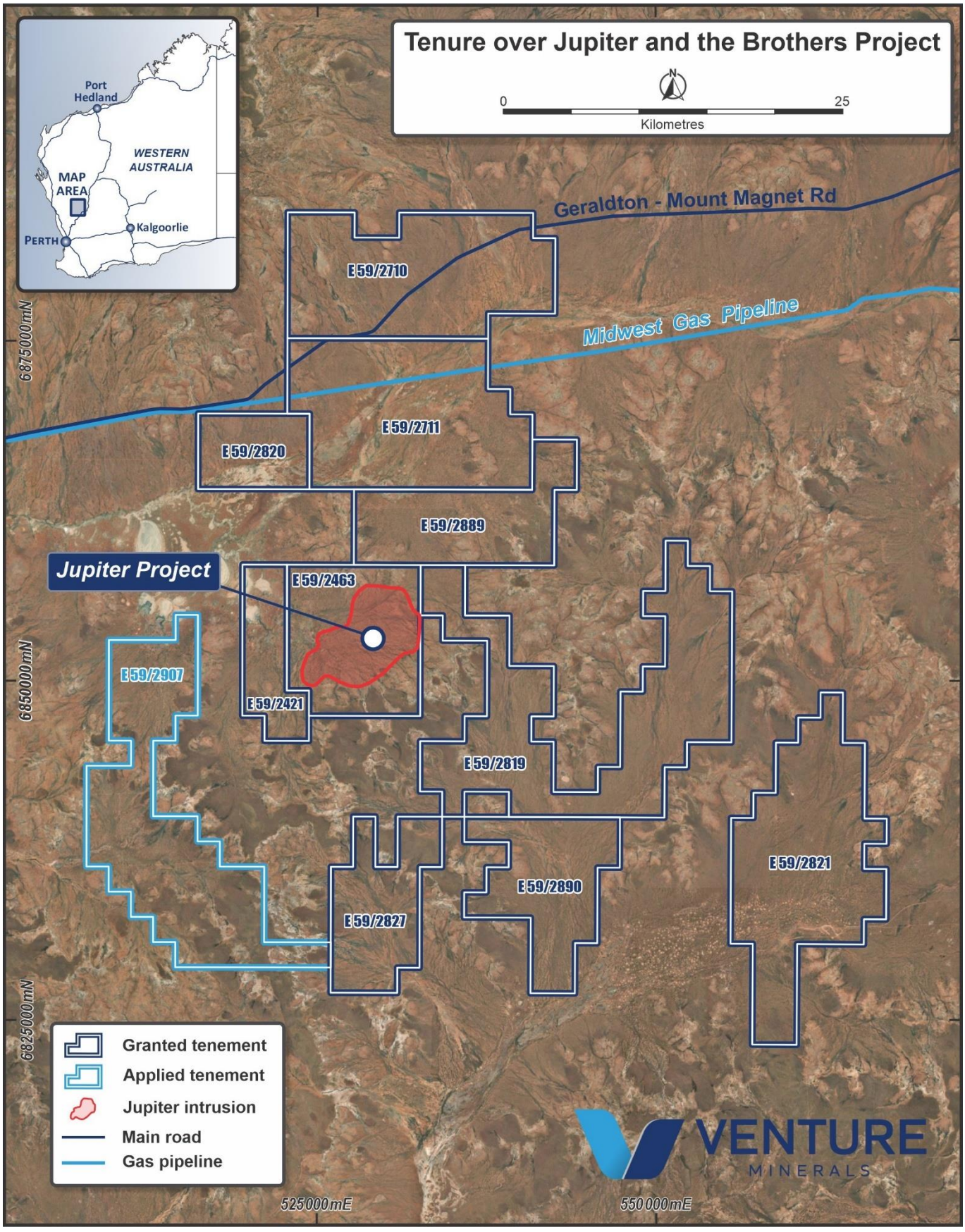


Figure 5 | Current Jupiter and Brothers clay-hosted REE Project tenure



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

Yours sincerely

Philippa Leggat

Managing Director

Competent Persons Statement

The information in this report that relates to Exploration Results and Exploration Targets is based on information compiled by Dr. Stuart Owen who is a Member of the Australian Institute of Geoscientists. Dr. Owen is a permanent employee of Venture Minerals and has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Dr. Owen consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The Information in this announcement that relates to previous exploration results for the Projects is extracted from the following ASX announcements:

- *Strategy Funded for 18 Months – Jupiter Rising - 1 July 2024*
- *Investor presentation – Jupiter Funded to Rise - 1 July 2024*
- *Best Drill Intersection to date – 58m @ 2,723ppm TREO - 17 June 2024*
- *8m @ 5,716ppm TREO- Jupiter Drilling Continues to Outperform - 5 June 2024*
- *Drilling Delivers More Record REE Intersections at Jupiter - 23 May 2024*
- *Jupiter-more outstanding REE hits up to 60 m over 2000 ppm - 16 April 2024*
- *Strategic Acquisition Adjacent to Jupiter REE Discovery - 22 March 2024*
- *300 Drillhole Program Commences at Jupiter - 15 March 2024*
- *Jupiter Continues to Deliver with Record NdPr over 5,000 ppm - 8 March 2024*
- *Jupiter delivers record drill hit of 48 m @ 3,025 ppm TREO - 9 February 2024*
- *Jupiter Delivers over 7,000 ppm TREO from Maiden RC Drilling - 29 November 2023*
- *Massive new REE Target at Brothers with up to 3,969 ppm TREO - 9 November 2023*
- *VMS makes High Grade clay hosted REE discover at Brothers - 1 August 2023*
- *Venture set to drill at the Iron Duke High Grade REE Project - 18 May 2023*
- *JV into Neighbouring REE project with 49m @ 1313ppm TREO - 9 May 2023*

Notes"

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

The above announcements are available to view on the Company's website at ventureminerals.com.au. The Company confirms that it is not aware of any new information or data that materially affects the information included in the relevant original market announcements. The Company confirms that the information and context in which the Competent Person's findings are presented have not been materially modified from the original market announcements.

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Table One: Jupiter drill 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_6O_1 ppm	Nd_2O_3 ppm	Tb_4O_7 ppm	Dy_2O_3 ppm
BRAC272	526001	6853105	70	32	70	38	1521	348	23%	73	260	3	12
including				32	40	8	2200	531	24%	111	400	4	16
BRAC273	525756	6853099	54	24	54	30	1266	311	25%	64	233	2	12
BRAC274	529502	6853607	42	12	42	30	1579	395	25%	79	295	4	18
including				16	24	8	2006	485	24%	98	365	4	19
BRAC275	529255	6853597	37	24	37	13	819	209	26%	41	155	2	11
BRAC276	528997	6853601	30	8	24	16	1090	289	27%	60	217	2	10
BRAC277	528752	6853604	43	36	43	7	967	178	18%	42	128	1	7
BRAC278	528499	6853603	74	20	72	52	1150	274	24%	59	202	2	11
including				36	72	36	1409	330	23%	70	244	3	13
BRAC279	528249	6853600	56	16	56	40	1836	422	23%	90	314	3	15
including				20	44	24	2036	468	23%	99	349	4	17
BRAC280	528002	6853605	51	24	51	27	1526	354	23%	81	260	2	12
BRAC281	527757	6853597	81	24	81	57	3430	802	23%	173	608	4	18
including				28	60	32	4193	988	24%	213	750	5	22
BRAC282	527497	6853606	84	28	84	56	1460	349	24%	71	262	3	14
BRAC283	527251	6853603	91	80	91	11	2043	445	22%	95	329	4	18
BRAC284	526994	6853602	80	48	80	32	1429	332	23%	69	248	3	13
BRAC285	526754	6853601	75	44	75	31	1829	410	22%	90	302	3	15
including				52	72	20	2328	527	23%	115	389	4	19
BRAC286	529247	6854107	49			no significant intersection							
BRAC287	528755	6854100	54	32	52	20	2363	542	23%	115	401	5	23
including				36	44	8	3756	840	22%	182	624	6	28
BRAC288	528258	6854100	69	24	69	45	1652	350	21%	76	261	3	12
including				52	56	4	6541	864	13%	187	648	5	24
BRAC289	527989	6854107	71	28	71	43	1473	355	24%	73	265	3	15
BRAC290	527758	6854101	64	36	64	28	1308	292	22%	61	214	3	15
including				40	48	8	2059	467	23%	100	345	4	19
BRAC291	529500	6854608	52	20	52	32	1123	295	26%	59	220	3	14
BRAC292	529249	6854598	53	20	53	33	1190	319	27%	60	240	3	17
BRAC293	529002	6854604	72	20	72	52	1743	421	24%	86	314	4	18
including				24	52	28	2255	543	24%	110	406	5	22
BRAC294	528750	6854601	87	32	87	55	1509	370	25%	74	274	4	18
including				40	52	12	2193	553	25%	114	411	5	24
BRAC295	528500	6854604	80	40	56	16	1055	226	21%	52	168	1	5
BRAC296	528250	6854600	48			no significant intersection							
BRAC297	527999	6854602	73	48	73	25	2324	601	26%	122	460	4	15
BRAC298	529248	6855102	95	40	95	55	2043	449	22%	95	336	4	15
including				44	52	8	6179	1145	19%	246	853	9	37
BRAC299	528750	6855103	69	32	69	37	1615	409	25%	86	301	4	18
including				52	69	17	2025	510	25%	103	376	5	25
BRAC300	528000	6855102	57	40	57	17	1119	257	23%	55	189	2	11
BRAC301	529249	6855601	53	12	53	41	1905	486	26%	96	361	5	24
including				28	44	16	3156	766	24%	146	571	9	40
BRAC302	528999	6855602	68	36	68	32	1235	299	24%	65	221	2	11
BRAC303	528754	6855599	87	40	87	47	1505	359	24%	77	265	3	14
including				48	64	16	2476	583	24%	124	432	5	22
BRAC304	528499	6855599	63	24	63	39	1181	275	23%	59	203	2	11
BRAC305	528249	6855607	102	24	102	78	1495	297	20%	68	219	2	9
including				24	32	8	2360	471	20%	111	343	3	14
BRAC306	528001	6855599	39	28	32	4	1071	212	20%	46	158	1	7
BRAC307	529252	6856106	63	32	63	31	2103	527	25%	109	394	4	20
including				40	48	8	3079	799	26%	163	600	6	30
BRAC308	528749	6856104	44	12	44	32	1097	209	19%	51	151	1	6
BRAC309	528252	6856096	72	32	72	40	1476	339	23%	73	250	3	13
including				44	60	16	2101	509	24%	107	379	4	19
BRAC310	529246	6856605	55	12	55	43	1596	363	23%	76	271	3	14
including				16	40	24	2012	463	23%	96	346	4	17
BRAC311	528993	6856599	19	4	19	15	1020	264	26%	51	198	3	13
BRAC312	528745	6856600	10			no significant intersection							
BRAC313	528497	6856604	26	8	26	18	1097	262	24%	53	197	2	10

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 2 for complete REE assay listing.

Intersections are mainly produced from 4 m composite results, with bottom of the hole samples ranging from 2 m to 6 m composites.

Table Two: Jupiter drill hole intervals with REE, Th and U assays, BRAC272 to BRAC313

Hole	From m	To m	Interval m	TREO ppm	La2O3 ppm	CeO2 ppm	Pr6O11 ppm	Nd2O3 ppm	Sm2O3 ppm	Eu2O3 ppm	Gd2O3 ppm	Tb4O7 ppm	Dy2O3 ppm	Ho2O3 ppm	Er2O3 ppm	Tm2O3 ppm	Yb2O3 ppm	Lu2O3 ppm	Y2O3 ppm	Th ppm	U ppm
BRAC272	20	24	4	95	25	38	4	14	2	0.5	1	0.2	1.1	0.2	0.6	0.1	1	0.1	7	15	1
BRAC272	24	28	4	142	44	52	7	20	3	0.7	2	0.2	1.4	0.3	0.9	0.1	1	0.2	9	19	2
BRAC272	28	32	4	491	140	195	26	84	12	2.5	6	0.8	3.8	0.7	1.7	0.2	1	0.2	18	20	2
BRAC272	32	36	4	2344	522	1071	116	412	61	12.8	34	3.8	17.4	2.9	6.6	0.8	5	0.7	80	27	3
BRAC272	36	40	4	2056	401	971	106	389	56	11.7	31	3.4	14.9	2.4	5.3	0.6	3	0.4	59	13	3
BRAC272	40	44	4	1234	276	587	61	208	29	6.1	16	1.8	8.3	1.3	3	0.4	3	0.4	34	15	5
BRAC272	44	48	4	1204	249	600	57	194	27	5.4	16	1.8	8.6	1.4	3.4	0.5	3	0.5	36	18	4
BRAC272	48	52	4	1153	239	555	53	184	29	5.7	17	2	9.5	1.7	4	0.6	4	0.6	49	15	3
BRAC272	52	56	4	1230	230	628	57	196	30	6.1	16	1.9	9	1.6	4	0.5	4	0.7	45	12	3
BRAC272	56	60	4	1440	277	701	68	244	37	7.7	22	2.5	10.9	2	5.2	0.7	5	0.7	59	14	3
BRAC272	60	64	4	2060	381	989	100	361	55	11.8	33	3.7	17.9	3	7.8	1.1	7	1.1	88	13	3
BRAC272	64	68	4	1168	239	492	53	188	27	7.1	23	2.9	15	2.9	7.8	1.2	7	1.1	101	10	2
BRAC272	68	70	2	1123	222	502	53	184	29	6.6	20	2.4	11.7	2.2	5.9	0.8	5	0.7	78	9	2
BRAC273	20	24	4	559	124	259	27	95	14	3.1	8	1	4.4	0.7	1.7	0.2	1	0.2	21	17	2
BRAC273	24	28	4	1345	297	609	66	234	35	7.6	21	2.4	10.7	1.8	4.2	0.5	3	0.4	53	18	2
BRAC273	28	32	4	1578	330	718	79	287	43	9.5	26	3	12.5	2.2	4.8	0.6	3	0.5	60	16	2
BRAC273	32	36	4	1233	278	600	63	210	25	5.2	13	1.4	6	1	2.5	0.3	2	0.4	25	16	2
BRAC273	36	40	4	1815	339	729	91	346	53	12.6	38	4.6	23.3	4.4	12	1.6	11	1.6	149	15	2
BRAC273	40	44	4	1027	195	446	54	193	29	6.9	21	2.2	10.9	2	4.4	0.7	3	0.5	59	10	2
BRAC273	44	48	4	1045	212	463	54	199	28	6.3	19	1.9	9.2	1.5	3.7	0.5	3	0.3	45	8	1
BRAC273	48	52	4	953	182	418	49	184	27	6.3	18	1.9	9.5	1.6	4.1	0.6	3	0.4	49	8	1
BRAC273	52	54	2	997	190	435	52	191	28	6.6	19	2	10.4	1.8	4.6	0.6	3	0.5	54	8	1
BRAC274	12	16	4	1782	361	764	96	345	56	12.9	36	4.3	19.4	2.9	6	0.8	4	0.4	74	34	3
BRAC274	16	20	4	1971	346	976	92	347	54	12.6	35	3.9	17.2	2.8	6.4	0.7	3	0.4	74	29	2
BRAC274	20	24	4	2040	387	926	103	382	61	12.9	37	4.2	19.9	3.1	7.4	1	5	0.5	89	31	3
BRAC274	24	28	4	1679	320	753	83	297	47	10.1	33	3.7	18.5	3.2	8	1	5	0.7	97	27	4
BRAC274	28	32	4	1741	272	745	92	357	64	14.6	47	5.4	26.3	3.9	9.7	1.3	7	0.8	96	25	4
BRAC274	32	36	4	1186	199	492	55	208	36	9	28	3.4	16.9	3.3	9	1.4	8	1.1	116	21	3
BRAC274	36	40	4	952	181	404	50	178	29	7	20	2.4	11.5	1.9	5.4	0.7	3	0.4	57	19	2
BRAC274	40	42	2	984	184	415	50	189	32	7.6	24	2.6	12.2	2	5.1	0.6	3	0.4	56	17	2
BRAC275	12	16	4	1021	190	581	41	134	19	4.9	12	1.4	6	1	2.6	0.4	2	0.2	26	37	2
BRAC275	16	20	4	408	98	208	17	53	7	2.6	4	0.5	2.7	0.4	1.3	0.2	1	0.2	13	20	1
BRAC275	20	24	4	388	100	179	18	57	8	3.1	4	0.5	2.6	0.4	1.1	0.2	1	0.1	13	20	2
BRAC275	24	28	4	604	128	264	32	110	18	5	10	1.2	5.9	0.9	2.4	0.3	2	0.2	25	23	2
BRAC275	28	32	4	781	161	357	42	149	23	4.7	13	1.4	5.6	0.8	2.1	0.3	2	0.2	21	16	3

Hole	From m	To m	Interval m	TREO ppm	La2O3 ppm	CeO2 ppm	Pr6O11 ppm	Nd2O3 ppm	Sm2O3 ppm	Eu2O3 ppm	Gd2O3 ppm	Tb4O7 ppm	Dy2O3 ppm	Ho2O3 ppm	Er2O3 ppm	Tm2O3 ppm	Yb2O3 ppm	Lu2O3 ppm	Y2O3 ppm	Th ppm	U ppm
BRAC275	32	37	5	1020	161	376	48	196	36	8.5	31	3.9	19.3	3.7	9	1.3	7	0.9	119	11	3
BRAC276	8	12	4	603	120	264	32	111	19	3.3	12	1.3	6.7	1.1	2.7	0.3	2	0.3	29	17	2
BRAC276	12	16	4	957	181	430	53	187	30	5.7	19	2	9.1	1.3	3.2	0.4	2	0.2	34	27	3
BRAC276	16	20	4	1445	271	662	81	296	43	8.2	25	2.7	11.8	1.7	3.7	0.5	2	0.3	36	24	3
BRAC276	20	24	4	1356	252	594	75	275	43	8.6	26	3	13.2	2.2	5.2	0.7	4	0.4	54	29	4
BRAC276	24	28	4	630	95	248	35	146	29	5.3	17	2	8.7	1.4	3.5	0.5	3	0.3	37	36	3
BRAC276	28	30	2	280	29	85	14	65	15	3.1	12	1.6	7.4	1.3	3.4	0.5	3	0.4	40	28	1
BRAC277	16	20	4	417	101	226	15	50	6	1.6	4	0.5	2.2	0.4	0.9	0.2	1	0.1	9	33	1
BRAC277	20	24	4	227	57	139	6	16	2	0.6	1	0.2	0.9	0.2	0.5	0.1	0	0.1	5	28	1
BRAC277	24	28	4	206	73	96	8	19	2	0.5	1	0.2	1	0.2	0.4	0.1	0	0.1	5	38	1
BRAC277	28	32	4	174	67	61	9	23	3	0.7	2	0.2	1.2	0.2	0.6	0.1	1	0.1	5	51	1
BRAC277	32	36	4	262	93	100	14	36	5	0.9	2	0.3	1.5	0.3	0.8	0.1	1	0.1	8	48	1
BRAC277	36	40	4	802	222	373	39	111	14	2.8	9	1	5.3	0.8	2.3	0.3	2	0.2	21	38	2
BRAC277	40	43	3	1187	204	677	47	152	21	4.3	14	1.8	9.1	1.7	4.3	0.6	3	0.4	48	37	1
BRAC278	16	20	4	394	106	150	22	70	10	2.1	6	0.8	3.9	0.7	1.8	0.3	2	0.2	19	27	2
BRAC278	20	24	4	1108	331	367	74	231	31	5.5	17	2	8.8	1.4	2.8	0.3	2	0.2	36	44	2
BRAC278	24	28	4	417	112	140	27	90	14	3.9	8	0.9	4.1	0.6	1.2	0.1	1	0	16	24	1
BRAC278	28	32	4	268	70	115	13	41	6	2.4	4	0.5	2.5	0.5	0.9	0.1	1	0.1	11	19	1
BRAC278	32	36	4	477	108	195	21	77	14	5.2	11	1.4	6.7	1.1	2.8	0.4	2	0.2	32	45	1
BRAC278	36	40	4	628	138	280	26	82	13	4.7	9	1.4	7.6	1.5	4.5	0.6	3	0.4	58	28	2
BRAC278	40	44	4	923	211	397	51	164	24	4.9	15	1.7	8	1.3	3.5	0.5	3	0.5	39	26	5
BRAC278	44	48	4	1848	379	876	97	326	48	9.2	29	3.4	14.8	2.2	5	0.6	3	0.4	55	22	8
BRAC278	48	52	4	1330	257	705	64	206	29	5.8	17	1.9	8.5	1.3	2.7	0.4	2	0.3	30	25	8
BRAC278	52	56	4	1620	331	774	82	275	40	7.9	25	2.9	13.3	2.1	4.9	0.6	3	0.5	59	23	8
BRAC278	56	60	4	1770	325	840	91	330	52	10.8	31	3.6	16.4	2.5	5.2	0.7	4	0.5	58	15	5
BRAC278	60	64	4	1708	285	836	82	301	49	10	31	3.7	17.3	2.7	6.7	0.9	6	0.9	76	15	6
BRAC278	64	68	4	1544	272	683	76	278	46	9.6	31	3.7	17.9	3.1	8.1	1.2	7	1.2	108	14	6
BRAC278	68	72	4	1309	248	577	65	233	37	7.7	26	3	15.3	2.5	6.6	0.9	5	0.8	83	14	4
BRAC279	16	20	4	1772	324	1055	68	229	31	6.1	17	2	8.5	1.3	2.8	0.3	2	0.2	27	38	2
BRAC279	20	24	4	2570	530	1332	117	394	56	12	34	4	17.8	2.7	6	0.7	4	0.4	60	27	2
BRAC279	24	28	4	2257	509	1147	110	361	47	8.5	22	2.5	10.4	1.5	3.3	0.4	2	0.3	33	28	2
BRAC279	28	32	4	1596	350	793	79	261	34	7.1	19	2.2	9.7	1.5	3.1	0.4	2	0.2	36	29	2
BRAC279	32	36	4	1678	339	689	93	352	55	10.3	34	4	18.7	2.8	6.1	0.8	4	0.5	69	28	2
BRAC279	36	40	4	2098	352	1052	97	354	57	11.9	39	4.6	21.2	3.4	7.6	1.1	6	0.9	91	18	4
BRAC279	40	44	4	2017	344	878	102	370	55	10.9	37	4.5	23.5	4.5	12.5	1.9	12	2	161	17	5
BRAC279	44	48	4	1766	330	793	94	335	49	9	30	3.6	16.9	2.9	7.4	1	6	0.7	89	12	3
BRAC279	48	52	4	1533	290	694	81	289	43	7.2	27	3.2	14.8	2.4	5.8	0.8	4	0.6	71	16	3

Hole	From m	To m	Interval m	TREO ppm	La2O3 ppm	CeO2 ppm	Pr6O11 ppm	Nd2O3 ppm	Sm2O3 ppm	Eu2O3 ppm	Gd2O3 ppm	Tb4O7 ppm	Dy2O3 ppm	Ho2O3 ppm	Er2O3 ppm	Tm2O3 ppm	Yb2O3 ppm	Lu2O3 ppm	Y2O3 ppm	Th ppm	U ppm
BRAC279	52	56	4	1069	213	484	55	195	28	5.1	18	2.2	10.2	1.7	4.3	0.5	3	0.4	49	20	2
BRAC280	24	28	4	862	257	280	56	178	24	5.3	14	1.7	8.1	1.2	2.7	0.3	2	0.2	32	33	2
BRAC280	28	32	4	1548	406	661	83	262	34	7.4	22	2.7	12.2	1.9	4.2	0.5	3	0.3	49	32	1
BRAC280	32	36	4	1800	473	804	92	281	38	7.5	23	2.9	12.9	2	4.8	0.6	3	0.3	57	33	2
BRAC280	36	40	4	1655	436	667	92	283	39	8.1	25	2.9	14.1	2.4	5.8	0.8	5	0.6	74	30	2
BRAC280	40	44	4	1508	386	657	76	253	33	7.4	19	2.2	11.2	1.8	4.5	0.6	4	0.5	53	30	2
BRAC280	44	48	4	1673	384	775	83	281	39	8.5	22	2.6	12.3	2	5.2	0.7	4	0.6	54	24	3
BRAC280	48	51	3	1672	391	758	85	287	38	7.9	21	2.4	12	2.1	5.1	0.7	4	0.7	59	30	3
BRAC281	24	28	4	1436	364	658	73	243	29	5.8	15	1.6	7.4	1.2	3	0.3	2	0.3	34	40	2
BRAC281	28	32	4	3716	913	1701	193	656	75	15.9	39	4	19.1	2.9	6.9	0.9	5	0.6	85	57	2
BRAC281	32	36	4	3801	880	1768	198	686	80	16.9	42	4.3	19.9	3.1	7.6	0.9	5	0.7	90	46	2
BRAC281	36	40	4	4527	1009	2124	233	830	102	21.1	51	5	23.2	3.6	8.5	1	5	0.7	109	49	2
BRAC281	40	44	4	5070	1104	2444	255	898	112	23.7	57	5.9	27.4	4.1	9.3	1.1	6	0.8	124	59	3
BRAC281	44	48	4	4084	879	1996	205	715	85	17.3	42	4.4	19.9	3.2	8.1	1	6	0.9	102	45	4
BRAC281	48	52	4	4192	881	2014	211	773	96	20.6	49	5.1	22.7	3.4	8.3	0.9	5	0.7	102	46	5
BRAC281	52	56	4	4056	914	1928	205	730	86	18	43	4.4	20.8	3.1	7.5	0.9	5	0.7	89	54	6
BRAC281	56	60	4	4099	968	1959	204	709	81	17.1	41	4.2	19.2	2.9	7.3	0.9	6	0.7	81	56	6
BRAC281	60	64	4	3205	708	1504	159	564	68	14.7	39	4.1	21.2	3.4	8.8	1.1	6	0.8	102	51	5
BRAC281	64	68	4	2741	611	1283	137	487	61	12.8	34	3.5	17.3	2.6	6.9	0.8	5	0.7	80	42	4
BRAC281	68	72	4	3369	754	1603	167	580	68	14.1	35	3.6	17.3	2.9	8.6	1.1	7	1	107	41	4
BRAC281	72	76	4	1935	399	932	96	345	43	9.9	24	2.5	12.2	2	5	0.6	4	0.5	61	27	3
BRAC281	76	81	5	2114	499	1020	103	354	41	8.9	21	2.1	9.7	1.6	3.8	0.5	3	0.4	47	27	2
BRAC282	28	32	4	2071	423	931	105	384	58	12.3	37	4	19.3	2.9	6.7	0.7	4	0.5	84	32	2
BRAC282	32	36	4	702	154	287	36	129	20	4.9	14	1.7	8.7	1.3	3.3	0.4	2	0.3	39	22	2
BRAC282	36	40	4	1286	271	553	64	239	40	9.1	26	3	14.3	2.1	5	0.5	3	0.4	57	32	3
BRAC282	40	44	4	797	161	383	38	134	20	4.7	14	1.5	7.1	1	2.6	0.3	2	0.3	28	29	3
BRAC282	44	48	4	1828	312	922	82	304	47	10	29	3.4	16.4	2.7	6.7	0.7	5	0.6	87	24	5
BRAC282	48	52	4	1981	354	1013	90	325	49	10.2	29	3.3	15.8	2.6	6	0.7	4	0.6	78	27	5
BRAC282	52	56	4	2062	338	989	97	368	56	12.5	37	4.1	21	3.4	9.5	1.2	7	0.9	118	23	6
BRAC282	56	60	4	1555	327	698	77	280	42	9.4	23	2.8	13	2.2	6.1	0.8	5	0.6	69	29	5
BRAC282	60	64	4	1746	348	790	87	319	48	10.7	28	3.4	16.9	2.8	7.7	0.9	5	0.7	79	27	5
BRAC282	64	68	4	1517	294	721	74	269	39	8.6	25	2.9	13.3	2.2	5.6	0.7	4	0.6	57	21	3
BRAC282	68	72	4	1357	246	625	69	261	40	8.3	24	2.7	13.5	2.2	5.1	0.7	4	0.6	55	16	3
BRAC282	72	76	4	1290	233	558	63	243	39	8.3	27	3.1	15.4	2.7	7	0.9	6	0.9	84	14	3
BRAC282	76	80	4	1153	211	507	57	213	31	6.6	22	2.6	13.2	2.2	6.4	0.8	5	0.8	76	16	3
BRAC282	80	84	4	1090	211	502	53	196	28	5.8	18	2	9.9	1.7	4.6	0.6	4	0.5	54	14	2
BRAC283	24	28	4	83	20	34	4	12	2	0.5	1	0.2	1.2	0.2	0.7	0.1	1	0.1	7	13	1

Hole	From m	To m	Interval m	TREO ppm	La2O3 ppm	CeO2 ppm	Pr6O11 ppm	Nd2O3 ppm	Sm2O3 ppm	Eu2O3 ppm	Gd2O3 ppm	Tb4O7 ppm	Dy2O3 ppm	Ho2O3 ppm	Er2O3 ppm	Tm2O3 ppm	Yb2O3 ppm	Lu2O3 ppm	Y2O3 ppm	Th ppm	U ppm
BRAC283	28	32	4	54	15	21	2	7	1	0.3	1	0.1	0.8	0.2	0.5	0.1	1	0.1	4	10	1
BRAC283	32	36	4	38	19	7	2	6	1	0.3	1	0.1	0.4	0.1	0.2	0	0	0.1	2	16	1
BRAC283	36	40	4	36	19	6	2	5	1	0.2	1	0.1	0.3	0.1	0.2	0	0	0.1	2	20	1
BRAC283	40	44	4	74	33	19	4	12	1	0.4	1	0.1	0.5	0.1	0.3	0.1	0	0.1	3	34	1
BRAC283	44	48	4	132	55	35	8	23	3	0.6	1	0.2	1	0.1	0.4	0.1	0	0.1	4	36	1
BRAC283	48	52	4	219	100	47	14	41	4	0.8	3	0.3	1.3	0.2	0.6	0.1	1	0.1	6	56	2
BRAC283	52	56	4	271	123	62	17	47	6	1.1	3	0.4	1.8	0.3	0.8	0.1	1	0.1	9	53	1
BRAC283	56	60	4	232	98	69	14	38	4	0.9	2	0.2	1.2	0.2	0.6	0.1	0	0.1	5	57	1
BRAC283	60	64	4	209	81	68	13	35	4	0.7	2	0.2	1	0.2	0.4	0.1	1	0.1	5	67	1
BRAC283	64	68	4	307	130	74	19	56	7	1.3	4	0.6	2.6	0.4	1	0.1	1	0.1	10	53	2
BRAC283	68	72	4	242	90	83	14	40	4	0.8	2	0.3	1.2	0.2	0.7	0.1	1	0.1	6	61	1
BRAC283	72	76	4	298	107	116	16	43	4	1	2	0.2	1.3	0.2	0.6	0.1	1	0.1	7	76	1
BRAC283	76	80	4	251	86	98	14	37	4	0.9	2	0.2	1.2	0.3	0.8	0.1	1	0.1	6	77	1
BRAC283	80	84	4	922	123	666	24	73	9	1.5	5	0.6	2.9	0.5	1.3	0.2	1	0.2	15	75	2
BRAC283	84	88	4	2055	256	1308	71	250	39	5.7	25	3.1	15.6	2.4	7	0.8	5	0.6	68	20	5
BRAC283	88	91	3	3522	640	1388	223	775	117	18.4	66	8	41.8	6.9	20.5	2.5	16	2	196	18	5
BRAC284	32	36	4	63	14	21	3	8	2	0.4	1	0.2	1.5	0.3	1	0.2	1	0.2	9	27	2
BRAC284	36	40	4	34	6	11	2	5	1	0.3	1	0.2	0.9	0.2	0.7	0.1	1	0.1	5	52	2
BRAC284	40	44	4	30	6	11	1	4	1	0.2	1	0.1	0.7	0.2	0.6	0.1	1	0.2	4	53	1
BRAC284	44	48	4	335	84	154	16	49	7	1.3	4	0.5	2.8	0.4	1.5	0.2	1	0.2	14	27	1
BRAC284	48	52	4	1378	296	641	67	246	32	7.2	21	2.4	11.2	1.7	4.9	0.5	3	0.3	45	23	2
BRAC284	52	56	4	1649	351	803	76	266	35	7.5	23	2.8	13.5	2.2	5.9	0.7	4	0.5	59	24	2
BRAC284	56	60	4	1881	392	877	91	323	47	8.8	30	3.3	17.7	2.7	7.4	0.9	5	0.6	76	18	3
BRAC284	60	64	4	1693	367	799	80	273	36	7.3	25	2.9	14.8	2.5	6.8	0.8	5	0.8	73	19	3
BRAC284	64	68	4	1528	313	722	74	262	36	7.3	25	2.8	14.4	2.2	6.1	0.7	4	0.5	57	15	3
BRAC284	68	72	4	1194	243	537	61	229	32	6.8	22	2.6	12	1.8	4.5	0.5	3	0.4	40	12	4
BRAC284	72	76	4	1194	231	532	59	217	31	5.9	20	2.4	12.4	2.1	6.4	0.8	5	0.8	69	12	5
BRAC284	76	80	4	912	176	394	46	166	25	4.6	16	1.9	10.9	1.9	5.6	0.7	4	0.6	59	12	2
BRAC285	36	40	4	52	11	20	2	7	1	0.4	1	0.1	1.1	0.2	0.7	0.2	1	0.2	6	30	3
BRAC285	40	44	4	61	14	23	3	9	2	0.3	1	0.2	1	0.2	1.1	0.1	1	0.2	7	38	3
BRAC285	44	48	4	874	245	365	43	138	20	4.4	13	1.5	7.1	1.1	2.8	0.4	2	0.3	31	33	4
BRAC285	48	52	4	791	196	346	38	125	20	4.1	13	1.7	7.3	1.2	3.1	0.4	2	0.3	33	19	6
BRAC285	52	56	4	3207	696	1517	159	528	75	14.1	42	4.9	23.3	3.8	9.7	1.1	5	0.6	128	38	5
BRAC285	56	60	4	1875	421	917	86	276	39	8.1	23	2.8	13.1	2.2	6.1	0.8	4	0.5	75	28	3
BRAC285	60	64	4	2240	515	1050	110	367	50	10.3	28	3.5	16	2.6	6.9	0.9	5	0.8	74	27	3
BRAC285	64	68	4	2080	459	964	104	351	48	9.6	28	3.5	17.1	2.8	7.3	0.9	5	0.7	80	18	3
BRAC285	68	72	4	2240	409	982	117	424	65	12.8	40	5	25.1	4.3	11.5	1.6	9	1.2	131	16	3

Hole	From m	To m	Interval m	TREO ppm	La2O3 ppm	CeO2 ppm	Pr6O11 ppm	Nd2O3 ppm	Sm2O3 ppm	Eu2O3 ppm	Gd2O3 ppm	Tb4O7 ppm	Dy2O3 ppm	Ho2O3 ppm	Er2O3 ppm	Tm2O3 ppm	Yb2O3 ppm	Lu2O3 ppm	Y2O3 ppm	Th ppm	U ppm
BRAC285	72	75	3	1156	257	510	52	178	26	5.9	18	2.3	11.7	2.1	6.6	0.9	5	0.8	82	21	2
BRAC286	24	28	4	204	29	88	11	48	8	1.9	4	0.5	2.7	0.4	1.1	0.1	1	0.1	9	7	1
BRAC286	28	32	4	191	28	63	8	32	7	2.3	6	0.9	5.3	1	3.1	0.4	3	0.4	31	4	1
BRAC286	32	36	4	306	18	45	7	32	12	4.3	18	3.2	19.5	4	11.3	1.6	10	1.4	121	3	2
BRAC286	36	40	4	174	18	42	6	24	6	2.1	8	1.2	8	1.6	4.7	0.7	4	0.6	47	3	2
BRAC286	40	44	4	160	16	40	5	21	6	2.2	7	1.2	8	1.4	4.3	0.6	4	0.6	42	3	2
BRAC286	44	49	5	170	18	43	6	24	6	2.2	7	1.3	7.5	1.5	4.3	0.6	4	0.6	44	3	2
BRAC287	28	32	4	180	72	42	12	33	5	1.2	3	0.4	2	0.3	0.8	0.1	1	0.1	8	55	3
BRAC287	32	36	4	858	293	257	52	159	26	5.6	16	2	8.5	1.2	2.9	0.4	2	0.3	33	87	6
BRAC287	36	40	4	3501	942	1443	196	619	87	18.2	51	6	26.5	3.9	8.6	1.1	5	0.8	92	36	12
BRAC287	40	44	4	4011	526	2345	168	628	102	21.7	59	6.9	30.1	4.4	9.3	1.1	6	0.7	103	34	10
BRAC287	44	48	4	2352	337	1142	106	403	72	16	53	6.7	32.8	5.2	13.5	1.7	10	1.3	152	41	7
BRAC287	48	52	4	1093	191	449	53	193	32	6.9	22	2.9	14.6	2.7	8.5	1.2	8	1.1	107	25	3
BRAC287	52	54	2	272	53	112	13	44	7	2.1	5	0.7	3.9	0.8	2.1	0.3	2	0.3	26	12	2
BRAC288	24	28	4	1465	647	156	111	357	44	10.6	28	3	14.4	2.4	5.8	0.7	3	0.5	82	20	2
BRAC288	28	32	4	1411	351	468	87	310	44	10.4	28	3.3	15.5	2.5	6.4	0.7	4	0.5	81	26	2
BRAC288	32	36	4	1055	222	443	54	192	30	6.4	19	2.4	11	1.9	5.1	0.6	4	0.5	64	31	3
BRAC288	36	40	4	718	151	300	40	139	21	4.6	13	1.6	7.7	1.2	3.2	0.4	2	0.3	35	18	3
BRAC288	40	44	4	518	108	231	27	91	15	3.3	9	1	4.8	0.8	2.1	0.3	2	0.2	25	21	3
BRAC288	44	48	4	1051	270	399	61	208	30	6.7	18	2.2	9.8	1.6	3.8	0.5	3	0.4	39	18	3
BRAC288	48	52	4	1326	285	537	76	276	40	8.6	25	2.9	12.7	2	4.9	0.6	3	0.5	52	25	4
BRAC288	52	56	4	6541	750	4654	187	648	93	18.6	47	5.4	24.1	3.6	9.3	1.3	8	1	91	17	4
BRAC288	56	60	4	1292	204	764	50	174	24	5.6	16	1.6	7.9	1.2	3.5	0.5	3	0.5	37	13	3
BRAC288	60	64	4	1506	305	716	75	257	37	7.1	23	2.5	12.3	1.9	5.6	0.8	4	0.5	59	22	4
BRAC288	64	69	5	1365	301	629	66	225	32	6.6	19	2.3	10.2	1.9	5.9	0.7	5	0.6	60	26	3
BRAC289	20	24	4	56	14	21	2	8	1	0.3	1	0.1	0.9	0.1	0.7	0.1	1	0.1	5	10	1
BRAC289	24	28	4	83	28	26	4	14	2	0.4	1	0.2	1	0.2	0.5	0.1	0	0.1	5	20	1
BRAC289	28	32	4	560	186	167	34	109	16	3	9	0.9	4.8	0.9	2.1	0.3	2	0.2	25	25	2
BRAC289	32	36	4	1535	355	554	91	328	48	10	31	3.5	17.5	2.9	7.2	0.8	5	0.5	81	21	2
BRAC289	36	40	4	2262	420	1011	111	417	66	13.8	43	4.9	25.5	4	10.9	1.5	9	1.1	124	28	3
BRAC289	40	44	4	1913	343	910	91	329	49	9.8	32	3.8	18.1	3.3	8.7	1.1	8	1	107	25	3
BRAC289	44	48	4	1424	257	732	65	223	34	7	19	2.3	12.2	2	5	0.8	4	0.6	61	22	3
BRAC289	48	52	4	1324	257	682	60	199	29	6.1	17	1.9	10.3	1.6	4.3	0.5	4	0.5	52	22	3
BRAC289	52	56	4	2005	339	1044	90	321	45	9.1	29	3.6	16.6	2.9	8.1	1	5	0.7	91	24	4
BRAC289	56	60	4	1779	312	790	88	336	53	11.5	35	4.2	20.8	3.3	9.8	1.2	9	1.2	105	24	4
BRAC289	60	64	4	1309	234	553	69	255	40	9.4	24	3.1	15.6	2.7	7.9	1	6	0.9	88	21	5
BRAC289	64	68	4	994	187	425	52	188	29	6.2	19	2.2	10.8	2	5.7	0.7	4	0.6	63	17	3

Hole	From m	To m	Interval m	TREO ppm	La2O3 ppm	CeO2 ppm	Pr6O11 ppm	Nd2O3 ppm	Sm2O3 ppm	Eu2O3 ppm	Gd2O3 ppm	Tb4O7 ppm	Dy2O3 ppm	Ho2O3 ppm	Er2O3 ppm	Tm2O3 ppm	Yb2O3 ppm	Lu2O3 ppm	Y2O3 ppm	Th ppm	U ppm
BRAC289	68	71	3	971	183	421	51	186	30	6.1	18	2.1	10.9	1.8	4.6	0.6	4	0.4	53	14	2
BRAC290	36	40	4	845	212	422	36	118	16	3.2	8	0.9	4.8	0.7	1.6	0.2	1	0.1	20	15	2
BRAC290	40	44	4	2869	596	1369	138	465	65	14.4	43	4.7	24.2	4	10.9	1.3	9	1.3	125	16	4
BRAC290	44	48	4	1249	253	524	62	224	34	8	23	2.7	13.9	2.6	7.1	0.9	6	0.8	87	16	4
BRAC290	48	52	4	1041	201	415	50	179	28	6.6	21	2.5	13.5	2.8	8	1.2	6	0.9	105	13	3
BRAC290	52	56	4	1181	177	368	43	160	27	7.4	29	4	26.5	6.2	19.3	2.4	16	2.5	293	12	4
BRAC290	56	60	4	1023	177	402	51	184	31	7.4	24	2.8	14.5	3	8.4	1.1	7	0.9	112	12	3
BRAC290	60	64	4	945	191	398	46	168	25	5.6	17	2.1	10.1	1.9	5.2	0.7	5	0.6	69	12	2
BRAC291	20	24	4	1122	204	533	61	218	30	5.9	17	1.9	8.5	1.4	3.4	0.4	3	0.4	35	17	2
BRAC291	24	28	4	1094	181	489	62	237	36	7.4	20	2	10.6	1.5	4.2	0.5	3	0.5	41	18	3
BRAC291	28	32	4	1201	197	481	64	260	46	10.3	29	3.1	14.8	2.5	6.8	0.9	6	0.9	79	18	4
BRAC291	32	36	4	1568	225	535	71	275	50	12.6	45	5.7	32.3	6.3	20.9	2.7	20	2.7	265	19	6
BRAC291	36	40	4	1103	179	472	58	209	34	7.4	22	2.8	14.5	2.4	7.5	0.9	6	0.8	88	18	3
BRAC291	40	44	4	906	155	386	49	177	28	6.3	19	2.2	11.8	1.9	5.2	0.6	4	0.6	61	14	2
BRAC291	44	48	4	975	170	426	53	190	29	6.5	19	2.3	11.1	1.9	5.2	0.7	4	0.6	57	15	2
BRAC291	48	52	4	1016	187	451	53	194	29	6	18	2.1	10.9	1.9	4.6	0.7	4	0.5	55	16	2
BRAC292	20	24	4	1615	270	700	92	409	59	10.6	25	2.3	8.9	1.2	2.9	0.4	3	0.3	31	19	5
BRAC292	24	28	4	672	131	290	34	129	22	4.8	15	1.4	7.3	1.1	3.2	0.4	3	0.4	31	18	9
BRAC292	28	32	4	1500	216	540	71	285	53	12.6	44	5.8	32.6	6.1	16	2.3	15	2	201	17	5
BRAC292	32	36	4	1364	188	468	59	246	46	11.4	42	5.7	33.2	6.1	17.1	2.4	15	2.2	222	17	4
BRAC292	36	40	4	1171	201	479	56	219	38	8.6	28	3.3	17.1	3.2	8	1.1	6	1	102	19	4
BRAC292	40	44	4	1191	213	510	61	238	39	8	23	2.7	14	2.3	5.4	0.7	5	0.7	70	20	4
BRAC292	44	48	4	1085	191	465	56	216	34	7.7	23	2.6	12	2.1	5.5	0.7	4	0.6	64	18	4
BRAC292	48	53	5	973	178	418	50	189	31	6.4	20	2.2	10.9	1.8	5	0.6	4	0.5	57	18	4
BRAC293	20	24	4	1525	293	709	74	266	42	8.7	25	3	15.1	2.5	6.4	0.8	5	0.6	75	36	3
BRAC293	24	28	4	1985	316	1106	84	308	46	9.4	27	2.9	14.5	2	5	0.6	3	0.4	60	24	2
BRAC293	28	32	4	1594	253	814	75	281	44	8.7	26	3	14	2.2	5.3	0.6	4	0.5	63	23	3
BRAC293	32	36	4	2272	368	1133	113	435	65	12.4	35	3.9	18.4	2.8	6	0.7	4	0.5	74	26	6
BRAC293	36	40	4	2636	388	1492	115	410	66	13.9	40	4.9	20.6	3	6.9	0.8	5	0.6	69	29	6
BRAC293	40	44	4	1658	280	782	82	294	49	10.2	33	4	18.9	3.1	7.6	1	6	0.9	86	26	6
BRAC293	44	48	4	3396	591	1517	180	655	102	21.2	66	8.1	38.2	6.2	15.2	2	13	1.6	180	28	5
BRAC293	48	52	4	2245	382	895	121	462	77	17.5	54	6.5	31.5	5.2	14.1	2	15	1.9	161	23	4
BRAC293	52	56	4	1140	199	489	55	203	34	7.4	24	3.1	14.4	2.6	7.3	1.2	8	1.1	92	28	4
BRAC293	56	60	4	1269	237	550	63	224	36	7.3	24	3	14.7	2.7	7.2	1.1	6	0.9	92	29	4
BRAC293	60	64	4	751	133	318	39	140	25	4.9	17	2	9.6	1.7	4.5	0.6	4	0.5	53	26	3
BRAC293	64	68	4	1023	182	442	54	194	31	6.5	21	2.7	12.3	2.2	5.4	0.7	5	0.6	64	16	3
BRAC293	68	72	4	1161	213	508	61	212	34	7.2	23	2.7	13.4	2.3	6.1	0.8	5	0.8	72	19	3

Hole	From m	To m	Interval m	TREO ppm	La2O3 ppm	CeO2 ppm	Pr6O11 ppm	Nd2O3 ppm	Sm2O3 ppm	Eu2O3 ppm	Gd2O3 ppm	Tb4O7 ppm	Dy2O3 ppm	Ho2O3 ppm	Er2O3 ppm	Tm2O3 ppm	Yb2O3 ppm	Lu2O3 ppm	Y2O3 ppm	Th ppm	U ppm
BRAC294	20	24	4	108	29	41	5	15	2	0.5	2	0.3	1.8	0.3	1	0.2	1	0.2	9	16	2
BRAC294	24	28	4	126	33	48	6	18	3	0.6	2	0.3	2	0.4	1.3	0.2	2	0.2	11	18	2
BRAC294	28	32	4	321	84	125	15	49	9	1.8	5	0.7	4	0.8	1.9	0.3	2	0.4	22	26	3
BRAC294	32	36	4	1168	258	523	48	166	28	6.2	21	2.8	13.9	2.7	7.5	1	7	0.8	83	29	3
BRAC294	36	40	4	1344	328	634	57	180	24	6.3	18	2.3	10.4	2	6.2	0.8	6	0.8	70	21	2
BRAC294	40	44	4	1887	338	901	94	332	51	10.6	35	4.1	20.1	3.3	8	0.8	5	0.7	83	32	5
BRAC294	44	48	4	2220	406	1046	115	413	63	13.2	43	4.9	22.7	3.4	7.6	0.9	6	0.7	76	36	6
BRAC294	48	52	4	2473	445	1090	133	489	84	16.3	50	6	27.8	4.4	9.5	1.3	7	0.9	110	31	6
BRAC294	52	56	4	1688	304	739	80	288	45	8.7	29	3.7	18.7	3.8	10.4	1.4	8	1.3	148	34	6
BRAC294	56	60	4	1355	245	587	67	262	46	9.1	30	3.6	16.9	2.8	7.4	1.1	8	1.3	69	34	6
BRAC294	60	64	4	1676	293	650	83	329	61	13.5	44	5.5	26.7	4.7	12.6	1.8	12	1.9	138	27	5
BRAC294	64	68	4	1433	251	561	70	272	48	10.3	35	4.4	21.1	4	10.8	1.6	10	1.6	133	31	5
BRAC294	68	72	4	1404	246	581	71	262	45	9.4	31	3.9	18.7	3.5	9.4	1.3	8	1.3	114	23	4
BRAC294	72	76	4	1165	208	495	57	215	35	7.6	25	3	14.3	2.6	7.3	1	6	0.9	89	20	4
BRAC294	76	80	4	1042	184	443	53	201	33	7.1	23	2.7	13.3	2.3	5.9	0.8	5	0.7	69	22	3
BRAC294	80	84	4	1094	192	461	55	210	37	8.2	26	3.1	14.7	2.5	6.1	0.8	5	0.7	73	22	3
BRAC294	84	87	3	1061	182	442	53	207	36	8.2	26	3.1	14.8	2.5	6.4	0.9	5	0.7	74	20	3
BRAC295	16	20	4	74	19	28	3	11	2	0.4	1	0.2	1.1	0.3	0.8	0.1	1	0.1	7	11	1
BRAC295	20	24	4	83	20	33	4	12	2	0.5	1	0.2	1.4	0.3	0.9	0.1	1	0.2	8	16	2
BRAC295	24	28	4	90	24	34	4	13	2	0.5	2	0.3	1.5	0.3	0.9	0.1	1	0.2	8	18	2
BRAC295	28	32	4	89	24	33	3	11	2	0.5	2	0.3	1.5	0.3	1	0.2	1	0.2	10	26	3
BRAC295	32	36	4	108	20	42	5	18	4	0.8	3	0.4	2.3	0.4	1.3	0.2	1	0.2	10	37	5
BRAC295	36	40	4	151	42	56	7	23	4	1	3	0.4	2.4	0.4	1.4	0.2	2	0.2	10	38	4
BRAC295	40	44	4	1520	419	706	78	236	25	4.9	13	1.4	6.6	1	2.5	0.3	2	0.4	25	32	3
BRAC295	44	48	4	942	257	446	44	136	16	3.7	9	1.1	4.6	0.8	1.9	0.3	2	0.2	21	60	2
BRAC295	48	52	4	944	219	458	47	155	20	4.5	11	1.2	5.2	0.8	1.8	0.3	1	0.2	20	47	2
BRAC295	52	56	4	814	179	382	40	145	20	4.6	11	1.2	5.1	0.8	2	0.3	2	0.3	22	44	2
BRAC295	56	60	4	629	145	274	28	103	15	4.2	12	1.4	6.3	1.1	3.1	0.4	3	0.4	33	33	2
BRAC295	60	64	4	606	145	251	23	74	10	3	10	1.4	7.9	1.8	5.3	0.8	5	0.8	68	33	2
BRAC295	64	68	4	535	145	246	22	69	8	2.4	6	0.7	3.7	0.8	2.2	0.3	2	0.4	28	33	2
BRAC295	68	72	4	520	143	244	22	64	7	2.3	5	0.6	3.3	0.7	2.1	0.3	2	0.3	24	31	2
BRAC295	72	76	4	468	138	222	19	57	6	2	4	0.4	2.1	0.4	1.1	0.2	1	0.3	14	29	2
BRAC295	76	80	4	468	134	222	20	60	7	2.2	4	0.5	2.2	0.4	1.2	0.2	1	0.2	13	33	2
BRAC296	20	24	4	76	20	30	3	11	2	0.4	1	0.2	1	0.2	0.7	0.1	1	0.2	6	12	1
BRAC296	24	28	4	65	17	24	3	9	2	0.4	1	0.2	1.1	0.2	0.7	0.1	1	0.1	6	12	1
BRAC296	28	32	4	127	37	46	5	17	3	0.7	2	0.3	1.8	0.4	1.2	0.2	1	0.2	12	23	3
BRAC296	32	36	4	79	21	28	3	12	2	0.6	2	0.3	1.7	0.3	0.9	0.1	1	0.2	7	34	3

Hole	From m	To m	Interval m	TREO ppm	La2O3 ppm	CeO2 ppm	Pr6O11 ppm	Nd2O3 ppm	Sm2O3 ppm	Eu2O3 ppm	Gd2O3 ppm	Tb4O7 ppm	Dy2O3 ppm	Ho2O3 ppm	Er2O3 ppm	Tm2O3 ppm	Yb2O3 ppm	Lu2O3 ppm	Y2O3 ppm	Th ppm	U ppm
BRAC296	36	40	4	83	18	29	4	14	3	0.8	2	0.4	1.9	0.4	1.1	0.2	1	0.2	7	32	2
BRAC296	40	44	4	190	61	79	8	24	3	0.8	2	0.3	1.6	0.3	0.9	0.1	1	0.2	8	17	1
BRAC296	44	48	4	390	101	181	18	59	8	1.8	5	0.5	2.3	0.4	1.1	0.1	1	0.1	11	15	1
BRAC297	28	32	4	53	12	19	2	7	1	0.3	1	0.2	1.2	0.3	0.8	0.1	1	0.2	7	15	2
BRAC297	32	36	4	76	17	28	3	10	2	0.5	1	0.2	1.6	0.4	1.1	0.2	1	0.2	10	28	3
BRAC297	36	40	4	78	14	27	3	12	3	0.6	2	0.3	2.2	0.4	1.3	0.2	1	0.2	11	40	2
BRAC297	40	44	4	80	8	21	3	14	5	1.1	4	0.7	3.8	0.8	2.4	0.3	2	0.3	15	27	2
BRAC297	44	48	4	268	72	107	12	40	6	1.5	4	0.6	3.2	0.7	2	0.3	2	0.3	17	20	2
BRAC297	48	52	4	1508	325	749	73	238	34	6.5	19	2.3	10	1.5	4.1	0.4	3	0.4	43	49	3
BRAC297	52	56	4	1807	421	907	86	271	38	7.1	21	2.1	10.1	1.6	3.4	0.4	2	0.3	37	33	3
BRAC297	56	60	4	2208	467	1067	110	395	55	11.4	34	3.8	13.3	1.9	4.2	0.4	2	0.3	42	21	4
BRAC297	60	64	4	3895	676	1916	210	794	126	24.5	63	5.7	20.1	2.6	4.9	0.4	3	0.3	50	16	8
BRAC297	64	68	4	2311	343	1108	132	525	90	17.9	42	3.9	12.6	1.6	3.4	0.4	2	0.3	31	17	9
BRAC297	68	73	5	2238	296	974	124	524	91	18.4	52	5.3	22.3	3.8	10.3	1.3	8	1.1	108	16	9
BRAC298	16	20	4	191	36	84	8	30	5	1.3	3	0.5	2.5	0.5	1.8	0.3	2	0.3	16	16	3
BRAC298	20	24	4	118	28	47	5	19	3	0.6	2	0.3	1.7	0.3	0.9	0.2	1	0.2	9	23	2
BRAC298	24	28	4	124	26	52	6	20	3	0.6	2	0.3	1.8	0.3	1.1	0.2	1	0.1	10	21	2
BRAC298	28	32	4	71	13	26	3	10	2	0.4	2	0.3	1.9	0.4	1.2	0.2	1	0.2	10	43	3
BRAC298	32	36	4	97	19	38	4	16	3	0.7	2	0.3	1.9	0.4	1.3	0.2	1	0.2	9	52	4
BRAC298	36	40	4	95	17	41	4	14	3	0.5	2	0.3	1.8	0.4	1.3	0.1	1	0.2	10	50	4
BRAC298	40	44	4	522	130	239	25	81	13	2.4	7	0.8	3.7	0.7	1.7	0.2	1	0.2	17	26	2
BRAC298	44	48	4	6913	1087	4187	269	925	138	28.5	78	9.2	39.3	5.8	13.8	1.5	7	0.8	123	55	4
BRAC298	48	52	4	5444	882	3168	223	781	123	24.9	70	8.3	34.6	5.1	11.3	1.2	6	0.8	105	49	4
BRAC298	52	56	4	1727	407	664	107	364	57	12	34	3.9	16.5	2.4	5	0.6	3	0.3	51	31	3
BRAC298	56	60	4	1722	359	769	93	325	53	10.5	30	3.8	15.3	2.4	5.5	0.7	4	0.5	52	45	3
BRAC298	60	64	4	1751	269	911	85	315	49	9.9	30	3.3	14.1	2.3	5.5	0.6	4	0.6	53	32	5
BRAC298	64	68	4	1277	184	655	61	233	37	7.3	22	2.8	12.1	2	4.9	0.6	4	0.6	52	31	5
BRAC298	68	72	4	1262	200	657	60	212	34	6.9	20	2.3	11.2	1.7	4.3	0.6	3	0.5	48	27	3
BRAC298	72	76	4	1443	294	658	72	253	36	7.7	21	2.6	11.4	2.1	6.1	0.8	4	0.7	72	32	4
BRAC298	76	80	4	1285	274	604	65	224	31	6.3	17	2	8.3	1.5	4.1	0.5	3	0.4	44	34	3
BRAC298	80	84	4	1009	205	469	50	181	26	6.6	16	1.8	7.7	1.3	3.2	0.4	2	0.3	39	20	3
BRAC298	84	88	4	1107	202	499	58	210	33	7.2	19	2.4	10.9	1.8	5.1	0.6	3	0.5	57	21	3
BRAC298	88	92	4	1599	297	725	84	309	47	9.7	28	3.1	13.9	2.4	6.4	0.7	4	0.6	70	30	3
BRAC298	92	95	3	1370	243	618	72	275	42	8.9	24	2.8	11.8	2	5.4	0.7	3	0.5	60	25	3
BRAC299	32	36	4	1207	296	499	64	222	35	7.5	21	2.4	10.8	1.9	4.5	0.5	3	0.4	43	51	4
BRAC299	36	40	4	1010	299	297	66	215	33	6.8	20	2.7	11.1	1.9	4.2	0.5	3	0.3	50	37	3
BRAC299	40	44	4	1046	300	338	69	216	31	6.5	19	2.3	10.9	1.7	3.5	0.4	2	0.3	46	27	4

Hole	From m	To m	Interval m	TREO ppm	La2O3 ppm	CeO2 ppm	Pr6O11 ppm	Nd2O3 ppm	Sm2O3 ppm	Eu2O3 ppm	Gd2O3 ppm	Tb4O7 ppm	Dy2O3 ppm	Ho2O3 ppm	Er2O3 ppm	Tm2O3 ppm	Yb2O3 ppm	Lu2O3 ppm	Y2O3 ppm	Th ppm	U ppm
BRAC299	44	48	4	1539	365	583	90	296	48	9.8	30	3.8	17.4	3	6.4	0.9	5	0.6	80	31	6
BRAC299	48	52	4	1534	273	803	71	239	40	8.1	23	2.9	12.1	1.9	4.6	0.6	4	0.5	50	34	8
BRAC299	52	56	4	2074	406	996	101	337	52	10.5	34	4.4	20.4	3.8	7.9	1.1	6	0.7	94	33	6
BRAC299	56	60	4	2280	450	936	127	449	72	15	47	5.8	25.9	4.6	10.9	1.4	8	1	128	27	5
BRAC299	60	64	4	1965	345	824	107	403	66	13.5	40	5.1	22.5	3.9	9.8	1.6	9	1.3	115	26	4
BRAC299	64	69	5	1829	284	670	83	328	55	12.6	43	5.8	30.4	6.5	18.6	3.2	19	3.2	267	26	4
BRAC300	32	36	4	116	22	63	5	14	2	0.4	1	0.2	1.1	0.2	0.7	0.1	1	0.2	6	54	3
BRAC300	36	40	4	165	46	70	8	24	4	0.7	2	0.3	1.6	0.3	0.7	0.1	1	0.1	8	52	2
BRAC300	40	44	4	1058	249	516	52	171	24	4.5	12	1.4	5.7	0.8	1.7	0.2	1	0.2	19	31	1
BRAC300	44	48	4	1269	289	619	56	184	27	7	17	2.2	10	1.7	4.2	0.6	3	0.5	48	74	1
BRAC300	48	52	4	1080	199	462	57	206	31	7	20	2.6	12.3	2.2	5.6	0.8	6	0.8	69	19	4
BRAC300	52	57	5	1079	203	456	55	194	33	8	23	2.9	14.2	2.3	6.6	0.8	6	0.7	75	18	4
BRAC301	12	16	4	1050	280	378	64	213	32	6	17	2.2	9	1.4	3.1	0.4	2	0.3	40	42	2
BRAC301	16	20	4	959	257	314	63	207	31	6.6	19	2	9.4	1.5	3.6	0.4	2	0.2	43	33	2
BRAC301	20	24	4	944	266	262	66	220	34	7	20	2.4	10.6	1.8	4	0.4	2	0.3	48	26	3
BRAC301	24	28	4	1069	300	270	76	266	41	8.8	26	3.1	13.3	2.2	4.5	0.5	3	0.4	54	28	3
BRAC301	28	32	4	2426	414	907	124	510	94	21.8	73	9.5	41.8	7.3	15.2	1.9	10	1.2	196	28	5
BRAC301	32	36	4	5035	822	2364	254	942	157	33.4	97	12.4	55.7	9.5	21.9	2.8	15	1.8	247	28	5
BRAC301	36	40	4	2589	324	1240	111	440	81	18.4	62	8	39.3	7.2	18.1	2.4	12	1.5	226	27	5
BRAC301	40	44	4	2572	255	1547	96	394	75	14.7	42	5.3	23.8	3.9	9	1.3	8	1	98	35	5
BRAC301	44	48	4	1650	204	640	69	288	53	12.2	42	5.6	30.5	6.5	19.8	3.6	26	4.8	246	20	4
BRAC301	48	53	5	982	178	409	50	179	30	6.2	19	2.4	11.5	2.1	6.1	0.9	7	1.2	79	20	3
BRAC302	20	24	4	94	19	37	4	14	2	0.5	2	0.3	1.8	0.4	1.1	0.2	1	0.2	9	30	3
BRAC302	24	28	4	90	18	39	4	12	2	0.5	2	0.3	1.9	0.3	1.3	0.2	1	0.2	9	39	3
BRAC302	28	32	4	172	13	130	3	10	2	0.4	1	0.2	1.7	0.3	0.9	0.2	1	0.2	7	42	4
BRAC302	32	36	4	149	15	104	3	10	2	0.4	1	0.2	1.7	0.3	0.9	0.2	1	0.2	9	48	4
BRAC302	36	40	4	2093	399	1173	98	309	40	7.3	19	2	8.3	1.3	2.9	0.5	3	0.4	31	27	3
BRAC302	40	44	4	1153	265	506	64	209	29	5.3	15	2	9.1	1.6	3.6	0.5	3	0.4	41	18	3
BRAC302	44	48	4	1221	235	549	69	227	34	7.4	22	2.7	11.7	2	4.5	0.6	3	0.5	53	29	3
BRAC302	48	52	4	1430	294	632	78	262	40	8.8	24	2.8	12.3	2.2	5.5	0.7	4	0.5	62	21	3
BRAC302	52	56	4	1427	279	631	78	268	41	9.1	25	3	13.4	2.3	5.7	0.8	4	0.6	67	22	4
BRAC302	56	60	4	1254	228	524	68	241	39	9.2	27	3.4	15.4	2.7	6.8	1	6	0.7	83	19	4
BRAC302	60	64	4	731	131	302	40	142	23	5.5	17	2	9.1	1.6	4.2	0.6	3	0.4	51	10	3
BRAC302	64	68	4	568	102	234	30	108	18	4.1	13	1.5	7.4	1.4	3.4	0.5	3	0.4	43	10	3
BRAC303	20	24	4	96	21	39	4	14	2	0.6	2	0.3	1.5	0.3	0.9	0.1	1	0.2	9	24	3
BRAC303	24	28	4	113	25	49	5	16	3	0.7	2	0.3	1.8	0.4	1	0.2	1	0.2	9	35	3
BRAC303	28	32	4	86	14	36	4	13	3	0.7	2	0.4	1.9	0.4	1.2	0.2	1	0.2	9	42	3

Hole	From m	To m	Interval m	TREO ppm	La2O3 ppm	CeO2 ppm	Pr6O11 ppm	Nd2O3 ppm	Sm2O3 ppm	Eu2O3 ppm	Gd2O3 ppm	Tb4O7 ppm	Dy2O3 ppm	Ho2O3 ppm	Er2O3 ppm	Tm2O3 ppm	Yb2O3 ppm	Lu2O3 ppm	Y2O3 ppm	Th ppm	U ppm
BRAC303	32	36	4	78	13	30	4	13	3	0.7	2	0.3	1.8	0.4	1.1	0.2	2	0.2	8	47	3
BRAC303	36	40	4	217	60	84	12	36	5	1.2	3	0.5	2.2	0.4	1.1	0.2	1	0.2	10	36	2
BRAC303	40	44	4	564	140	275	28	83	11	3.1	6	0.7	2.9	0.5	1.2	0.2	1	0.1	13	14	1
BRAC303	44	48	4	1159	259	560	56	173	25	7.9	17	2.1	9.1	1.5	3.5	0.4	2	0.3	43	24	3
BRAC303	48	52	4	2719	612	1071	147	487	76	20.8	54	6.4	29.8	5.5	14.1	1.9	10	1.3	183	27	6
BRAC303	52	56	4	2843	343	1793	101	368	59	14.2	36	4.2	18	3.1	8	1.2	7	0.9	87	25	5
BRAC303	56	60	4	2134	399	971	121	421	65	14	34	4	17	2.8	7	1.1	6	0.9	71	25	4
BRAC303	60	64	4	2207	456	868	128	454	69	16.3	45	5.2	22.7	4	10.4	1.5	8	1.1	120	21	4
BRAC303	64	68	4	1424	285	585	77	269	43	9.7	28	3.3	15.4	2.8	7.6	1.1	6	0.9	92	17	5
BRAC303	68	72	4	1367	262	597	73	252	40	9.1	26	3	14.4	2.5	6.3	0.9	5	0.7	76	18	6
BRAC303	72	76	4	1050	195	451	57	202	32	7.4	21	2.5	10.9	2	5.1	0.8	4	0.6	60	16	4
BRAC303	76	80	4	1049	194	453	56	198	32	6.9	21	2.6	11.4	2.1	5.2	0.7	4	0.6	62	16	4
BRAC303	80	84	4	618	130	276	32	106	17	5	10	1.2	5.6	1	2.5	0.4	2	0.3	30	17	2
BRAC303	84	87	3	737	136	324	40	137	22	5.5	14	1.8	7.8	1.4	3.7	0.5	3	0.4	41	16	3
BRAC304	24	28	4	1731	367	780	94	315	47	9.8	29	3.3	14.1	2.3	5.3	0.6	4	0.5	61	39	3
BRAC304	28	32	4	1652	338	763	90	303	47	8.8	26	3	13.1	2.1	4.7	0.7	3	0.5	51	35	3
BRAC304	32	36	4	2167	391	987	116	405	64	13.2	42	5.2	23.2	4	9.2	1.2	6	0.7	100	17	3
BRAC304	36	40	4	403	65	260	13	40	5	2.1	4	0.4	2	0.4	0.9	0.1	1	0.1	10	18	1
BRAC304	40	44	4	713	103	431	27	92	15	4	10	1.2	5.3	0.9	2	0.3	2	0.2	21	17	2
BRAC304	44	48	4	826	137	420	36	122	21	5	16	2	9.3	1.7	4.5	0.6	4	0.5	49	28	1
BRAC304	48	52	4	837	158	368	44	147	24	4.9	16	2	8.9	1.7	4.4	0.7	4	0.6	55	19	2
BRAC304	52	56	4	1497	335	698	72	243	34	6	21	2.4	11.3	2	5.3	0.7	4	0.6	63	52	4
BRAC304	56	60	4	933	181	406	48	173	27	5	18	2.1	10.5	1.7	4.5	0.6	4	0.5	52	20	3
BRAC304	60	63	3	1007	189	432	50	188	31	5.1	21	2.4	12.3	2.1	5.5	0.7	4	0.6	62	21	3
BRAC305	24	28	4	2261	565	1110	105	318	40	7.2	22	2.4	12.4	2.1	4.9	0.7	3	0.4	67	31	2
BRAC305	28	32	4	2458	591	1173	117	367	47	9.9	28	3.3	16.4	2.8	7.4	0.9	5	0.5	89	32	2
BRAC305	32	36	4	1091	258	573	48	141	19	3.6	10	1.2	5.6	0.9	2.2	0.3	2	0.2	26	46	2
BRAC305	36	40	4	1969	491	966	95	287	36	6.8	19	2	10	1.6	4.4	0.5	3	0.3	46	28	2
BRAC305	40	44	4	1785	415	936	77	234	27	5.4	16	1.8	9.1	1.7	4.1	0.5	3	0.4	53	31	2
BRAC305	44	48	4	1260	269	717	50	152	19	3.6	10	1.1	5.4	0.9	2.5	0.3	2	0.3	28	30	2
BRAC305	48	52	4	1519	272	939	55	176	21	4.3	12	1.3	6.1	1	2.5	0.3	2	0.2	27	28	2
BRAC305	52	56	4	1640	337	939	65	206	25	5.1	13	1.5	6.9	1.1	2.9	0.3	2	0.2	34	28	2
BRAC305	56	60	4	1536	311	883	59	192	25	5	13	1.4	6.6	1.2	2.8	0.4	2	0.2	34	30	2
BRAC305	60	64	4	1494	344	786	63	197	25	4.9	14	1.5	7.4	1.5	3.6	0.4	3	0.3	43	37	2
BRAC305	64	68	4	1780	371	980	72	236	30	6.2	17	2	9.5	1.6	4.3	0.5	4	0.5	48	37	3
BRAC305	68	72	4	1686	420	737	88	290	40	7.4	21	2.4	11.5	1.9	4.8	0.7	4	0.5	58	32	3
BRAC305	72	76	4	1471	337	696	71	241	32	6.5	18	2	9.9	1.6	4.4	0.6	3	0.5	49	30	2

Hole	From m	To m	Interval m	TREO ppm	La2O3 ppm	CeO2 ppm	Pr6O11 ppm	Nd2O3 ppm	Sm2O3 ppm	Eu2O3 ppm	Gd2O3 ppm	Tb4O7 ppm	Dy2O3 ppm	Ho2O3 ppm	Er2O3 ppm	Tm2O3 ppm	Yb2O3 ppm	Lu2O3 ppm	Y2O3 ppm	Th ppm	U ppm
BRAC305	76	80	4	1772	459	728	94	321	41	8.3	24	2.8	12.6	2.2	5.7	0.8	4	0.6	69	35	2
BRAC305	80	84	4	1309	317	517	67	239	32	6.5	20	2.4	12.2	2.2	6.4	0.9	6	0.8	80	27	2
BRAC305	84	88	4	1135	280	512	55	185	24	4.7	14	1.5	7.2	1.3	3.4	0.5	3	0.5	45	27	2
BRAC305	88	92	4	807	201	375	38	128	17	3.5	9	1	4.9	0.9	2.2	0.3	2	0.3	26	21	1
BRAC305	92	96	4	833	209	375	41	137	18	3.6	10	1.1	5.4	1	2.4	0.4	2	0.3	28	21	2
BRAC305	96	100	4	863	213	397	42	140	17	3.4	11	1.1	5.4	0.8	2.4	0.3	2	0.2	29	22	2
BRAC305	100	102	2	979	233	445	48	163	22	4.3	12	1.5	6.7	1.1	3.1	0.4	3	0.3	37	22	2
BRAC306	24	28	4	437	111	179	22	76	11	2.6	7	0.8	4	0.7	1.8	0.3	1	0.2	21	28	2
BRAC306	28	32	4	1071	242	540	46	158	22	5	13	1.5	7.4	1.1	2.9	0.4	2	0.3	31	19	2
BRAC306	32	36	4	569	95	259	28	108	20	4.7	12	1.5	6.6	1.1	3	0.4	3	0.3	28	7	3
BRAC306	36	39	3	516	73	182	23	95	19	5.3	18	2.5	14.2	2.5	6.5	0.9	6	0.7	67	7	2
BRAC307	8	12	4	123	31	48	5	18	3	0.7	2	0.3	1.7	0.4	1.1	0.2	1	0.2	12	22	3
BRAC307	12	16	4	140	39	59	5	18	3	0.6	2	0.3	1.8	0.3	1.1	0.1	1	0.2	9	28	3
BRAC307	16	20	4	88	17	47	3	10	2	0.4	1	0.2	1	0.2	0.7	0.1	1	0.2	6	44	3
BRAC307	20	24	4	92	13	51	3	10	2	0.5	1	0.2	1.6	0.3	0.9	0.2	1	0.2	7	50	4
BRAC307	24	28	4	127	29	63	5	15	2	0.5	1	0.3	1.5	0.3	0.8	0.2	1	0.2	8	48	4
BRAC307	28	32	4	456	110	243	18	55	7	1.3	4	0.5	2.2	0.5	1.3	0.2	1	0.1	12	51	5
BRAC307	32	36	4	1112	255	567	51	154	21	4.4	12	1.6	6.9	1.1	2.9	0.4	2	0.3	32	42	4
BRAC307	36	40	4	2115	456	973	115	388	55	11.1	28	3.3	14.8	2.2	5.1	0.6	3	0.5	59	44	4
BRAC307	40	44	4	2958	577	1455	151	505	74	14.8	40	4.7	21.8	3.3	8.4	1.1	6	0.9	96	81	6
BRAC307	44	48	4	3200	486	1382	175	695	113	25.6	69	8.2	37.4	5.9	14.5	1.9	10	1.4	177	47	4
BRAC307	48	52	4	2000	354	815	97	361	59	13.1	41	4.9	24.1	4.5	13.8	2.1	13	2.2	194	42	4
BRAC307	52	56	4	1928	374	852	97	364	58	12	34	3.8	17.5	2.6	7.2	0.9	6	0.8	100	37	7
BRAC307	56	60	4	1699	334	743	89	326	52	11.2	31	3.6	15.8	2.6	6	0.8	5	0.6	78	30	4
BRAC307	60	63	3	1715	298	752	93	347	56	11.6	34	4	18.3	2.9	7.3	0.9	5	0.7	86	30	3
BRAC308	12	16	4	1227	253	747	47	129	16	3	9	1	4.1	0.6	1.6	0.2	1	0.2	16	21	2
BRAC308	16	20	4	1430	335	759	66	189	22	5.9	12	1.4	6.2	1	2.3	0.3	2	0.3	28	21	2
BRAC308	20	24	4	841	228	420	40	105	11	3.6	6	0.8	3.5	0.6	1.5	0.2	1	0.2	19	27	2
BRAC308	24	28	4	915	269	421	45	128	15	4.1	7	0.9	4	0.6	1.5	0.2	1	0.2	17	56	2
BRAC308	28	32	4	871	245	366	47	146	19	5	10	1.1	4.9	0.8	2	0.3	2	0.3	22	53	2
BRAC308	32	36	4	1534	345	770	68	219	31	8.4	20	2.4	11	1.7	4.7	0.6	4	0.6	48	77	3
BRAC308	36	40	4	1020	232	495	47	148	20	6.3	13	1.7	8.1	1.2	3.5	0.5	3	0.6	40	39	2
BRAC308	40	44	4	941	216	430	44	145	21	6.2	14	1.8	8.9	1.5	4	0.6	3	0.6	46	33	3
BRAC309	20	24	4	196	78	54	12	35	4	1.1	3	0.3	1.4	0.2	0.6	0.1	0	0.1	6	16	1
BRAC309	24	28	4	126	54	39	7	18	2	0.8	1	0.2	0.8	0.1	0.3	0	0	0	3	21	1
BRAC309	28	32	4	127	42	49	7	19	3	0.9	1	0.2	0.8	0.1	0.4	0	0	0.1	4	27	1
BRAC309	32	36	4	527	169	219	28	77	10	2.5	5	0.6	3	0.4	1.1	0.2	1	0.2	11	45	3

Hole	From m	To m	Interval m	TREO ppm	La2O3 ppm	CeO2 ppm	Pr6O11 ppm	Nd2O3 ppm	Sm2O3 ppm	Eu2O3 ppm	Gd2O3 ppm	Tb4O7 ppm	Dy2O3 ppm	Ho2O3 ppm	Er2O3 ppm	Tm2O3 ppm	Yb2O3 ppm	Lu2O3 ppm	Y2O3 ppm	Th ppm	U ppm
BRAC309	36	40	4	1264	372	533	67	200	25	5.4	14	1.7	7.4	1.2	2.9	0.4	2	0.3	33	42	3
BRAC309	40	44	4	1337	243	798	52	167	23	4.7	12	1.4	6.2	0.9	2.1	0.3	2	0.3	25	34	4
BRAC309	44	48	4	1803	222	1216	58	195	30	6.4	18	2.2	9.5	1.4	3.7	0.5	3	0.4	38	25	6
BRAC309	48	52	4	2594	551	1153	144	493	71	14.4	39	4.6	20.6	3.1	7.5	1	6	0.7	85	36	5
BRAC309	52	56	4	2280	474	892	133	490	75	15.7	43	5.1	24	3.8	9.9	1.3	8	1	106	18	5
BRAC309	56	60	4	1726	344	672	92	337	56	12.6	38	4.7	23.4	4	11	1.5	9	1.3	121	17	5
BRAC309	60	64	4	1162	211	488	57	201	32	7.3	25	3.3	16.1	3	8.5	1.2	7	1.1	102	17	4
BRAC309	64	68	4	1077	202	463	51	174	27	5.8	19	2.5	12.2	2.4	7	1	5	0.9	105	13	3
BRAC309	68	72	4	991	192	442	49	170	27	5.7	17	2.2	10.7	1.8	4.7	0.7	4	0.6	65	17	3
BRAC310	8	12	4	194	58	77	10	29	4	0.9	3	0.3	1.8	0.3	0.8	0.1	1	0.1	9	28	3
BRAC310	12	16	4	644	191	271	32	99	13	2.8	8	0.9	4.5	0.7	1.7	0.2	1	0.2	18	21	2
BRAC310	16	20	4	1832	466	834	86	292	42	9.5	26	3	13.7	2.2	4.7	0.6	3	0.4	50	37	3
BRAC310	20	24	4	2022	486	822	106	374	61	13	36	4.3	19.6	3.2	7.3	0.9	5	0.6	85	41	5
BRAC310	24	28	4	2135	409	920	109	422	72	15.2	43	4.9	23.1	3.8	8.5	1	5	0.6	98	25	5
BRAC310	28	32	4	2312	382	1050	113	452	77	15.2	49	5.2	24.9	4.3	10.3	1.4	7	1	119	19	5
BRAC310	32	36	4	845	246	349	42	132	17	3.7	11	1.2	6.1	1.1	2.7	0.4	2	0.3	31	32	2
BRAC310	36	40	4	2927	601	1609	120	406	57	11.2	31	3.6	16.9	2.7	6.6	0.9	5	0.7	58	31	3
BRAC310	40	44	4	1226	293	559	53	178	24	5	15	1.8	9.1	2	5.9	1	6	1	73	28	3
BRAC310	44	48	4	1190	320	561	52	164	20	4.3	11	1.4	6.7	1.3	3.4	0.5	4	0.6	40	28	2
BRAC310	48	52	4	1226	206	523	62	239	40	7.8	25	3	14.5	2.7	6.7	1	6	0.9	88	8	4
BRAC310	52	55	3	1065	179	451	54	212	39	6.6	24	2.9	13.9	2.5	5.8	0.8	4	0.6	70	8	2
BRAC311	4	8	4	979	174	424	48	180	31	6.9	21	2.4	12.6	2.2	5.5	0.8	4	0.6	68	18	2
BRAC311	8	12	4	888	162	373	45	175	30	6.6	20	2.3	10.6	1.8	4.6	0.6	4	0.5	53	19	2
BRAC311	12	16	4	1135	198	476	57	227	41	8.7	27	3.1	14.4	2.4	5.6	0.8	4	0.6	69	23	3
BRAC311	16	19	3	1099	193	468	54	214	39	8.3	26	3	14.3	2.4	5.3	0.8	4	0.6	67	22	3
BRAC312	0	4	4	259	69	110	12	39	6	1.4	4	0.5	2.5	0.5	1.3	0.2	1	0.2	14	27	1
BRAC312	4	8	4	262	76	121	12	36	4	1.7	2	0.3	1.2	0.2	0.6	0.1	1	0.1	6	20	1
BRAC312	8	10	2	425	103	199	19	66	9	2.3	6	0.6	2.9	0.5	1.3	0.2	1	0.1	14	12	1
BRAC313	8	12	4	1135	257	538	53	188	27	5.5	15	1.7	8.2	1.4	3.1	0.5	3	0.4	34	16	2
BRAC313	12	16	4	841	182	414	37	132	19	4.1	11	1.2	5.7	1	2.5	0.4	2	0.3	29	14	2
BRAC313	16	20	4	1304	232	559	68	252	40	7.9	23	2.7	13.7	2.7	7.2	1.1	7	1.2	88	10	6
BRAC313	20	26	6	1104	215	480	55	209	33	7	21	2.4	11.6	2	4.9	0.7	4	0.6	60	13	3

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
Table Sampling techniques	• Nature and quality of sampling (e.g.: cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc.). These examples should not be taken as limiting the broad meaning of sampling. • 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.	• Some 42 Air Core (AC) drill holes for 2,562 m are being reported. All holes were drilled within the Jupiter clay-hosted REE and alkaline intrusive target. • The 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 typically representing 4 m intervals (range 2 to 6 m) 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	• 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..).	• This report is based on 62 holes drilled with a KL 150 AC rig operated by KTE Mining Services Pty Ltd. • The AC drilling was conducted with a 90mm blade and holes were drilled to blade refusal in near fresh rock.
Drill sample recovery	• Method of recording and assessing core and chip sample recoveries and results assessed. • Measures taken to maximise sample recovery and ensure representative nature of the samples. • Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.	• The bulk AC samples were visually assessed and considered representative with good recovery. • Most of the holes encountered water which only locally impacted sample recovery.
Logging	• Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies. • Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography. • The total length and percentage of the relevant intersections logged.	• All 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 exploration and resource definition drilling.
Sub-sampling techniques and sample preparation	• If core, whether cut or sawn and whether quarter, half or all core taken. • If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry. • For all sample types, the nature, quality and appropriateness of the sample preparation technique. • Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples. • Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling. • Whether sample sizes are appropriate to the grain size of the material being sampled.	• Drill composites of 2 to 6 m length were collected by sampling spear from the bulk 1 m samples. • Assay sample weights ranged between 1.1 to 4.2 kg with an average of averaged 2.4 kg. Sample sizes is considered appropriate for the material sampled. • Commercial assay standards were included in the laboratory submittals at a rate of c. 1 per 25 samples. • Field duplicate samples were collected at a rate of c. 1 per 10 samples. • The average 4 m sample lengths are considered appropriate for the observed mineralisation.

Criteria	JORC Code explanation	Commentary
Quality of assay data and laboratory tests	• The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total. • For geophysical tools, spectrometers, handheld XRF instruments, etc., the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc. • Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.	• All samples were 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). • 95% of the client assay standards reported within 10% of the REE+Y certified reference values for the range of interest (>1 ppm).
Verification of sampling and assaying	• The verification of significant intersections by either independent or alternative company personnel. • The use of twinned holes. • Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols. • Discuss any adjustment to assay data.	• 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	• Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation. • Specification of the grid system used. • Quality and adequacy of topographic control.	• Drill hole 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	• 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.	• The reported drilling is part of an ongoing grid-based resource drill out and was mostly conducted on 250 m spacing along cleared lines 500 m apart. • The assay results reported here are for 2 to 6 m intervals composited from the bulk 1 m AC sample intervals.
Orientation of data in relation to geological structure	• Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type. • If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.	• The 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	• The measures taken to ensure sample security.	• 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	• The results of any audits or reviews of sampling techniques and data.	• Duplicate sampling at a rate of c. 1 per c. 10 samples was used to evaluate sampling error and is considered acceptable for such exploration and resource drilling. • The new drilling results are compatible with Venture Minerals' previously reported RC and AC drilling results.

Section 2 Reporting of Exploration Results
(Criteria listed in the preceding section also apply to this section)

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	• Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings. • The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.	• The Brothers REE Project consists of granted Exploration Licences E59/2421, E59/2463, E59/2710, E59/2711, E59/2819, E59/2820, E59/2821, E59/2827, E59/2889, E59/2890 and Exploration Licence application E59/2907 which replaces application E59/2887. • E59/2710, E59/2711, E59/2819, E59/2820, E59/2821, E59/2827, E59/2889, E59/2890 and ELA59/2907 are held 100% held by Tasmanian Rare Earth Pty Ltd a wholly owned subsidiary of Venture Minerals. • E59/2421 and E59/2463 previously subject of a Joint Venture with Merchant Ventures Pty Ltd are now under agreement for 100% ownership by Venture Minerals Ltd.
Exploration done by other parties	• Acknowledgment and appraisal of exploration by other parties.	• 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	• Deposit type, geological setting and style of mineralisation.	• The Brothers REE exploration area is situated within the Western Australian Archean Yilgarn Craton and mostly comprises Cenozoic cover sequence overlying an extensive Archaean monzogranite complex (the Big Bell and Walganna suites).
Drill hole Information	• A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes: - easting and northing of the drill hole collar - elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar - dip and azimuth of the hole - down hole length and interception depth - 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.	• Location and orientation details are given in Table 1. • 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 *ASX Announcements 9 May 2023, 1 August 2023, 16 April 2024, 23 May 2024* and *5 June 2024* for historic RC drill results and initial Brothers Project AC drill results respectively.
Data aggregation methods	• In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated. • Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail. • The assumptions used for any reporting of metal equivalent values should be clearly stated.	• Full sample assay interval results without aggregation methods are given in Table 2. • Metal equivalents have not been applied. • Refer to *ASX Announcement 9 May 2023* for historic drilling. • Standard element to oxide conversion factors have been used. Individual REE values in Table 1 and 2 are rounded to appropriately reflect reporting precision and the TREO field was calculated on an unrounded basis. La_2O_3 1.173 CeO_2 1.228 Pr_6O_{11} 1.208 Nd_2O_3 1.166 Sm_2O_3 1.16 Eu_2O_3 1.158 Gd_2O_3 1.153 Tb_4O_7 1.176 Dy_2O_3 1.148 Ho_2O_3 1.146 Er_2O_3 1.143 Tm_2O_3 1.142 Yb_2O_3 1.139 Lu_2O_3 1.137 Y_2O_3 1.27
Relationship between mineralisation widths and intercept lengths	• These relationships are particularly important in the reporting of Exploration Results. • If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. • If it is not known and only the down hole	• The intersected clay and saprolite zones blanket weathered granitoid basement such that downhole thickness approximate true thickness.

Criteria	JORC Code explanation	Commentary
	lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').	
Diagrams	• Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported. These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.	• Appropriate exploration maps are included in this release.
Balanced reporting	• Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.	• Complete assay results for the announced intersections are included in Table 2.
Other substantive exploration data	• Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	• The results are considered indicative only of the mineralisation in the area. • Refer to *ASX Announcements 9 May 2023, 9 November 2023* and *16 April 2024* for significant historic drill holes, geochemical results and geophysical survey information. • The project is part of an ongoing grid-based resource drill out and bulk density, geotechnical, hydrogeological and metallurgical work have yet to be completed.
Further work	• The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling). • Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.	• Venture proposes to better define the identified REE mineralisation at the Jupiter target by further AC and RC drilling, and reconnaissance drill test satellite targets within the Brothers REE Project. • Venture is currently conducting mineralogy to guide appropriate metallurgical test work. • Appropriate exploration maps and plans are included in this release.