Drilling Delivers More Record REE Intersections at Jupiter

The Board of Venture Minerals (ASX: VMS) is pleased to announce the first batch of assay results from recent drilling at the 70%-owned, clay-hosted Jupiter Rare Earths Project.

HIGHLIGHTS

The latest drill results include the highest REE intersection to date, 80 metres at 1,839 ppm TREO[1] from 8 metres below surface

- **Consistent high-grade zones continue with +2,000 ppm TREO over 20-30m widths**
- **High-grade zones within broader zones up to 80m grading well over 1,000 ppm TREO**
- **Magnet Rare Earth Oxides (MREO[2]) continue to average 23% in samples over +1,000 ppm TREO**
- **Thorium and Uranium consistently remain extremely low**
- **Results continue to validate the geophysics over the 40 km² target**
- **These latest drill results include 6 of the top 13 intersections received to date** (BRAC091,092,093,096,097,114)
- **Drill program brings the drill density down to 500m x 250m spacing across the 40 km² target**
- **Assay results represent first 59 holes from the recently completed 246 Aircore drill program**
- **Assays results from 187 holes pending**

Table One: Jupiter Drill Intersection Highlights

Hole No.	Intersection(m)	TREO (ppm)	including
BRAC082	**42**	**1,948**	**20 m @ 2,411 ppm**
BRAC085	**39**	**1,738**	**20 m @ 2,127 ppm**
BRAC089	**40**	**1,832**	**28 m @ 2,138 ppm**
BRAC091	**58**	**1,702**	**44 m @ 2,002 ppm**
BRAC092	**80**	**1,839**	**36 m @ 2,503 ppm**
BRAC093	**80**	**1,191**	
BRAC096	**60**	**1,587**	**20 m @ 2,562 ppm**
BRAC097	**54**	**1,748**	**16 m @ 3,149 ppm**
BRAC105	**37**	**2,050**	**8 m @ 4,417 ppm**
BRAC114	**66**	**1,516**	**16 m @ 3,407 ppm**

Managing Director, Philippa Leggat, said

"The great intersections just keep on coming at Jupiter! Another batch of drilling results and another record clay-hosted REE drill intersection. It's fantastic to see infill drilling continue to deliver such consistent results, with impressively broad zones of high-grade mineralisation confirmed in hole-after-hole. This is the kind of substance that builds a meaningful project.

"We have an incredible team working on Jupiter, led by experienced geologist Dr Stuart Owen. Dr Natalee Bonnici (ex IGO and Northern Star) is a geo-metallurgist who recently joined our team, bringing her specialist skills to our understanding of the mineralisation at Jupiter. Their work is the foundation that means our metallurgical work will be done on representative samples. We are doing the work the right way, because this project is too big and too good to be wasted on short-cuts.

Jupiter's scale, grade and tier 1 location all play into the strategic nature of this discovery. They infer the incredible potential which attracted Nick Cernotta and Tim Lindley to join the Board. This potential is the basis for our vision to restructure the Company to become one of the best rare earths and critical minerals companies in Australia, while delivering meaningful shareholder value."

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 area with drill hole locations and updated significant intersections on Bouger 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.

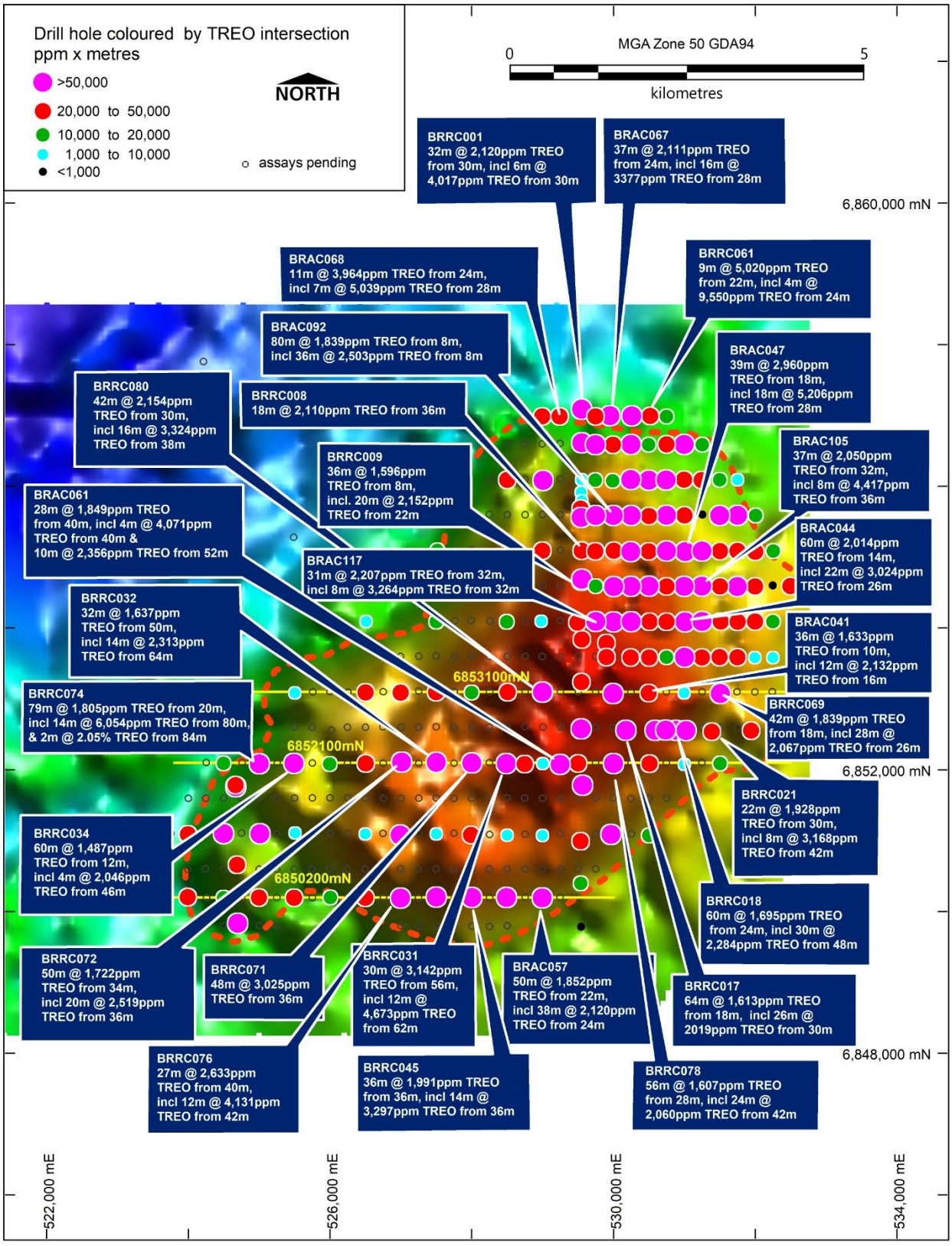
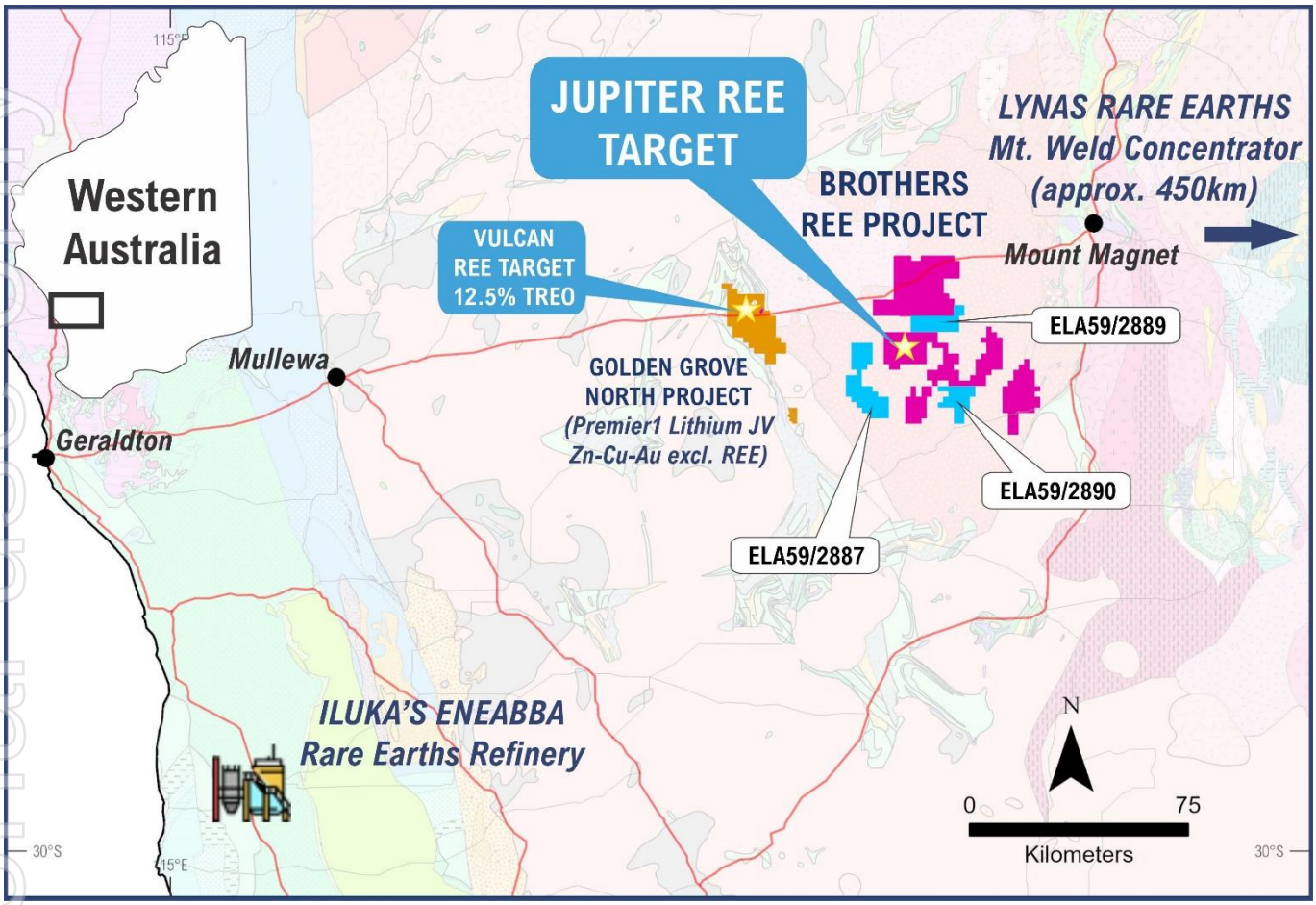


Figure 2 | Location Map showing Jupiter in relation the Brothers REE Project, in Western Australia



Assay results from the first 59 holes from the recently completed 246 Aircore drill program has delivered 6 (BRAC092,114,091,093,096 & 097) of the top 13 drill intersections seen at Jupiter to date.

The second round of drilling was completed last month with 246 Aircore ("AC") holes drilled for a total of 14,370 metres. This drill program will bring the drill density across the 40 km^2 target to a 500 m x 250 m spacing and provide meaningful data for a Maiden Resource estimate at Jupiter.

The latest assay results continue to deliver consistent high-grade zones (+2,000ppm TREO) over 20-30 m widths, within broader zones up to 80 m grading well over 1,000 ppm TREO with Thorium and Uranium levels remaining consistently extremely low. These results continue to validate geophysics over the entire 40 km^2 Jupiter target.

Assay results for 126 of the 137 (92%) drill holes received so far from the Stage One and Two, Resource definition drill programs, 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) average of 23% in intersections over +1,000 ppm TREO continues to be maintained.

The Brothers Project which includes Jupiter is well located in regional Western Australia *(See 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.

Assay results from this round of drilling the will determine the extent of the next phase of drilling at Jupiter and across the wider Brothers Project.

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

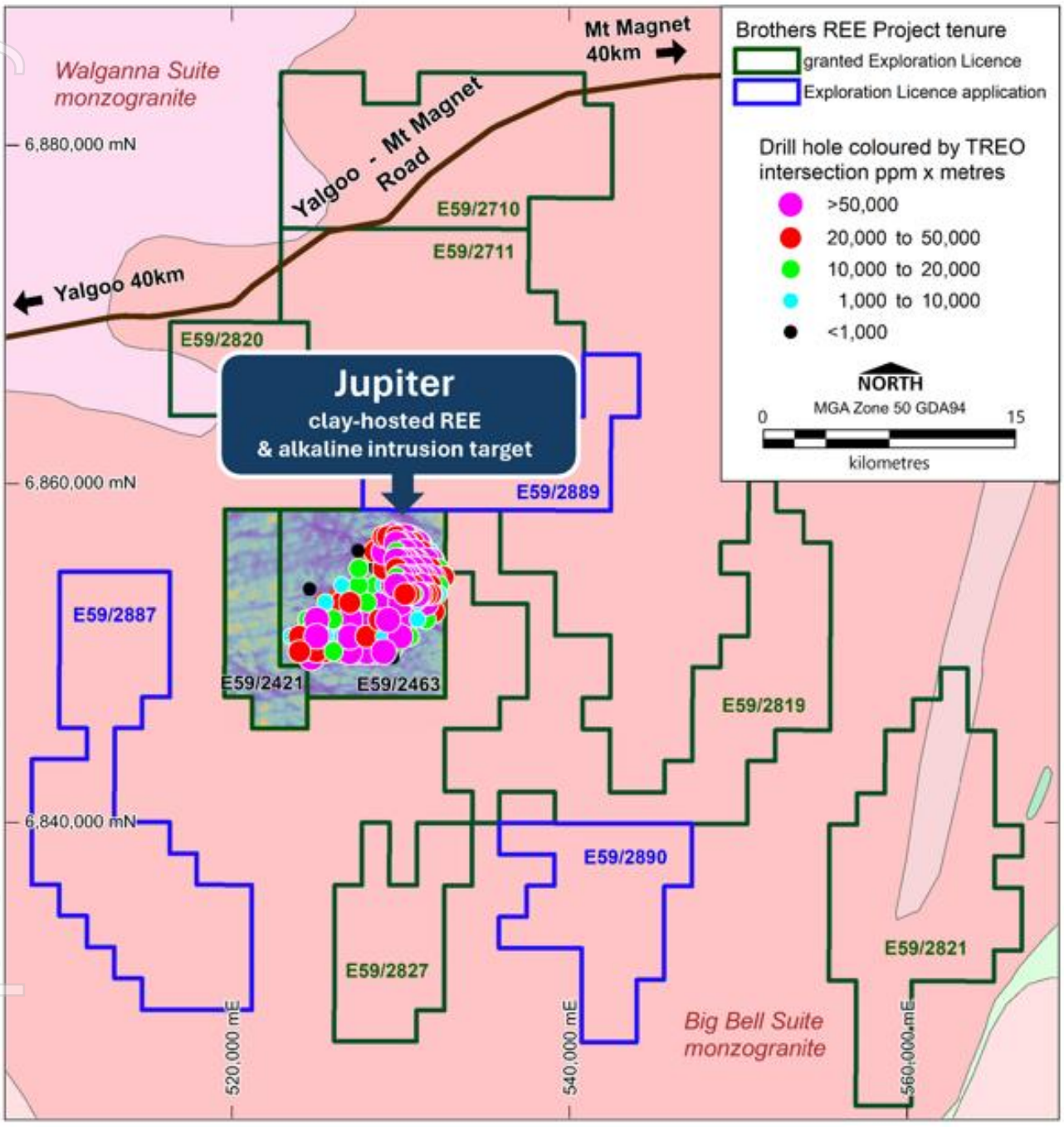


Figure 4 | Jupiter drill hole locations and updated significant intersections on total magnetic intensity (reduced to pole, NE sun) anomaly as defined by recent high resolution drone magnetic surveying. For the marked east-west section lines please refer to Figure 5 for the drilling cross sections.

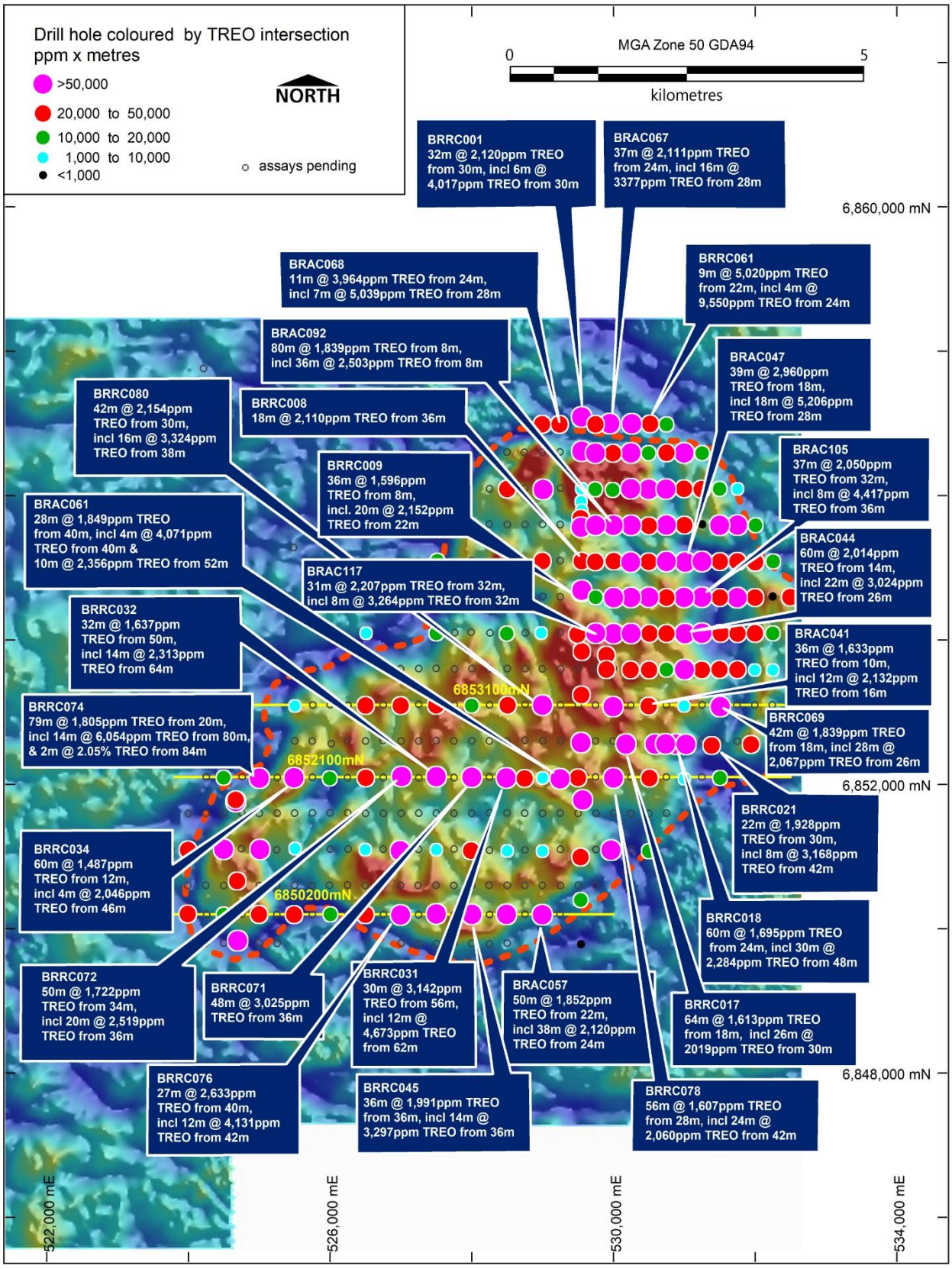
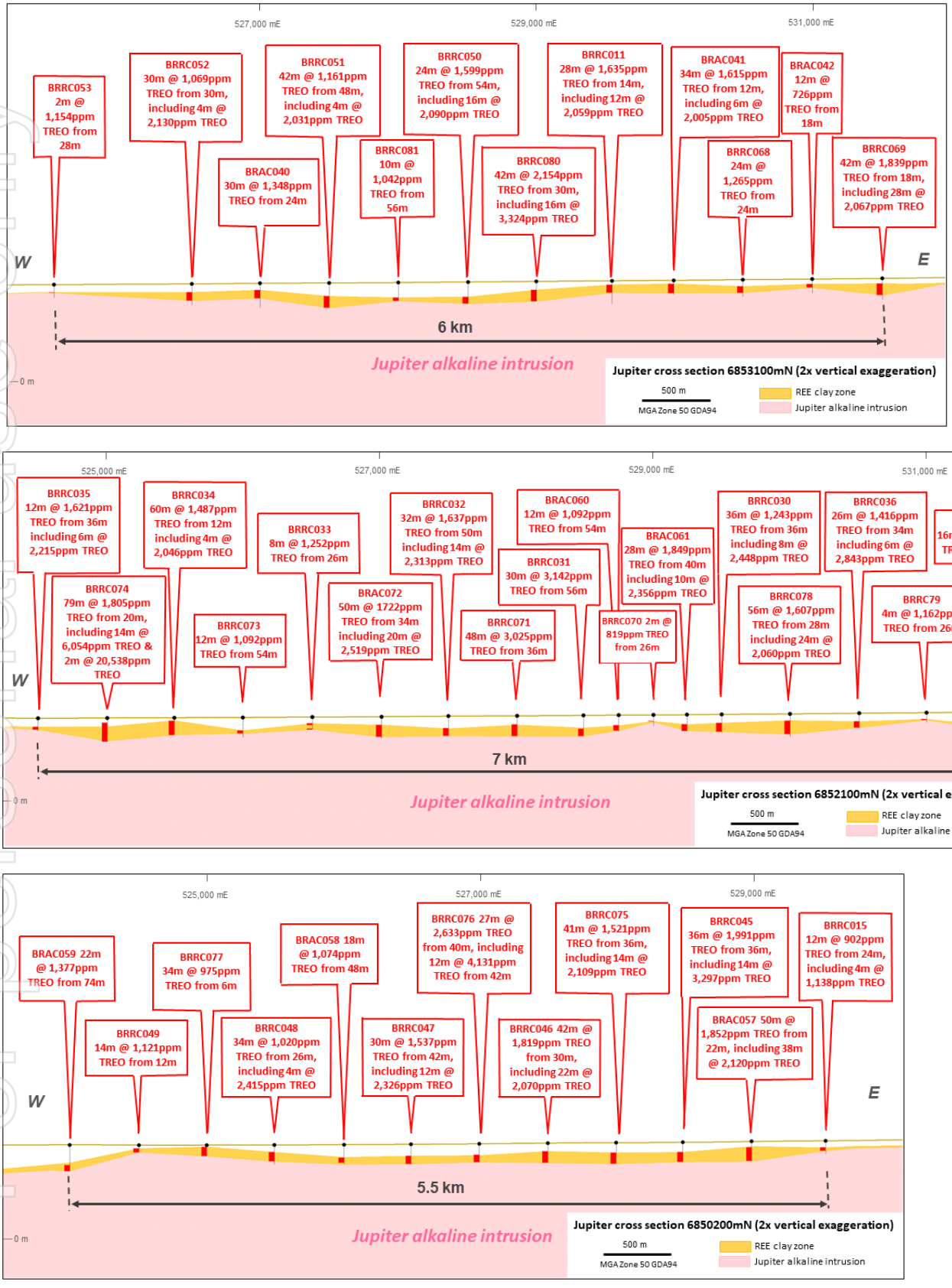


Figure 5 | Updated Jupiter East-West Cross Sections 6853100mN, 6852100mN and 6850200mN from top to bottom.



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

Yours sincerely

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 announcement:

- *"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*

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 Two: 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
BRAC068	529240	6856997	35	24	35	11	**3964**	902	23%	202	669	6	26
including				28	35	7	**5039**	1173	23%	263	**869**	8	33
BRAC069	530749	6856998	29	8	28	20	887	195	22%	44	144	1	6
BRAC070	530258	6857006	55	20	55	35	1796	431	24%	89	321	4	17
including				32	48	16	2600	646	25%	130	482	6	28
BRAC071	529745	6856997	41	24	41	17	2854	661	23%	141	492	5	13
including				28	32	4	**4154**	1147	**28%**	249	**859**	8	32
BRAC072	531253	6856601	49	28	44	16	974	186	19%	44	135	2	5
including				36	44	8	1275	246	19%	59	178	2	8
BRAC073	530998	6856603	58	12	58	46	1432	310	22%	70	228	2	11
including				16	28	12	2077	447	22%	103	330	3	12
BRAC074	530750	6856602	66	36	64	28	802	186	23%	43	137	1	5
including				52	60	8	1144	228	20%	50	169	2	8
BRAC075	530496	6856601	20	8	20	12	1231	282	23%	60	212	2	9
BRAC076	530248	6856603	54	8	52	44	1236	295	24%	64	217	2	12
BRAC077	529993	6856598	39	4	39	35	1398	341	24%	75	254	2	10
BRAC078	529746	6856601	67	12	67	55	1153	252	22%	57	186	2	8
BRAC079	531750	6856108	23	20	23	3	831	158	19%	35	117	1	5
BRAC080	531244	6856098	49	28	49	21	1263	217	17%	50	159	1	7
including				36	40	4	2625	448	17%	107	325	2	14
BRAC081	530743	6856103	45	8	45	37	1567	353	23%	78	264	2	10
including				28	45	17	2131	502	24%	110	377	3	13
BRAC082	530246	6856107	46	4	46	42	1948	511	26%	101	382	5	24
including				8	28	20	2411	609	25%	125	454	5	25
BRAC083	529744	6856099	18	4	18	14	1332	346	26%	69	259	3	15
BRAC084	532008	6855599	36	8	20	12	1310	287	22%	60	214	2	12
BRAC085	531751	6855604	55	16	55	39	1738	446	26%	95	334	3	15
including				24	44	20	2127	535	25%	112	400	4	19
BRAC086	531498	6855599	67	20	67	47	1467	384	26%	82	282	3	17
including				48	56	8	2251	657	**29%**	134	491	5	26
BRAC087	531254	6855601	17			NSI							
BRAC088	531001	6855601	54	28	52	24	1175	254	22%	62	185	2	7
BRAC089	530750	6855604	72	32	72	40	1832	405	22%	90	299	3	14
including				36	64	28	2138	476	22%	105	351	4	16
BRAC090	530500	6855590	69	40	69	29	1247	253	20%	56	188	2	8
BRAC091	530251	6855601	66	8	66	58	1702	427	25%	86	318	4	19
including				8	52	44	2002	507	25%	102	377	5	22
BRAC092	529997	6855600	88	8	88	80	1839	493	**27%**	93	378	4	18
including				8	44	36	2503	665	**27%**	125	510	6	25
BRAC093	529748	6855600	96	16	96	80	1191	303	25%	64	225	2	12
BRAC094	532257	6855100	23	8	23	15	962	169	18%	42	122	1	4
BRAC095	531747	6855100	62	32	60	28	945	209	22%	48	154	1	6
BRAC096	531249	6855099	72	12	72	60	1587	398	25%	83	299	3	14
including				48	68	20	2562	685	27%	133	522	5	25
BRAC097	530750	6855098	62	8	62	54	1748	423	24%	86	319	3	15
including				32	48	16	**3149**	809	26%	153	618	7	31
BRAC098	530246	6855091	45	12	45	33	1609	368	23%	73	275	3	17
including				24	32	8	2901	592	20%	118	445	5	24
BRAC099	529743	6855093	48	12	48	36	903	219	24%	44	164	2	9
BRAC100	532496	6854603	67	16	44	28	1100	249	23%	53	185	2	10
BRAC101	532246	6854601	35			NSI							
BRAC102	531998	6854599	58	28	52	24	1061	258	24%	62	189	1	6

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
BRAC103	531747	6854597	67	16	67	51	1111	219	20%	51	159	2	8
BRAC104	531501	6854599	54	28	48	20	1079	225	21%	53	164	1	7
BRAC105	531248	6854605	69	32	69	37	2050	468	23%	102	348	3	15
including				36	44	8	**4417**	1088	25%	240	**812**	7	30
BRAC106	530999	6854602	63	28	63	35	1601	383	24%	80	283	3	16
including				40	48	8	2807	736	26%	148	550	7	31
BRAC107	530750	6854597	54	24	54	30	1379	348	25%	72	256	3	16
BRAC108	530502	6854603	67	28	67	39	1362	318	23%	70	232	3	13
BRAC109	530249	6854600	62	20	62	42	1463	358	24%	74	265	3	15
BRAC110	530005	6854598	51	20	51	31	2004	470	23%	101	346	4	19
BRAC111	529748	6854604	37	12	24	12	921	220	24%	50	161	2	8
BRAC112	532249	6854101	58	28	40	12	1368	335	24%	71	247	3	14
BRAC113	531750	6854098	64	52	64	12	2054	348	17%	85	255	2	8
BRAC114	531251	6854104	82	16	82	66	1516	300	20%	68	220	2	11
including				64	80	16	**3407**	660	19%	136	496	5	23
BRAC115	530750	6854099	40	8	40	32	1412	318	23%	65	236	3	14
BRAC116	530250	6854102	58	24	58	34	1544	368	24%	74	271	4	19
including				36	48	12	2292	573	25%	114	429	5	26
BRAC117	529751	6854104	63	32	63	31	2207	513	23%	110	377	5	21
including				32	40	8	**3264**	616	19%	156	443	3	14
BRAC118	532250	6853598	68	36	44	8	1109	113	10%	25	83	1	4
BRAC119	531996	6853597	36	20	24	4	992	166	17%	40	121	1	5
BRAC120	531748	6853599	51	20	40	20	1002	190	19%	47	137	1	5
BRAC121	531497	6853600	52	20	52	32	1047	213	20%	48	157	1	7
including				44	48	4	2024	442	22%	94	332	3	14
BRAC122	531247	6853596	66	36	66	30	1623	313	19%	72	232	2	7
including				40	48	8	2172	427	20%	99	318	2	8
BRAC123	531003	6853601	56	28	56	28	1879	458	24%	92	346	4	17
including				48	56	8	**4224**	997	24%	188	**764**	8	37
BRAC124	530749	6853601	46	32	46	14	1418	366	26%	83	270	2	11
BRAC125	530502	6853595	61	28	60	32	1252	325	26%	67	241	3	14
BRAC126	530243	6853596	47	12	47	35	1268	306	24%	63	227	3	13

Notes: Shaded intervals were previously reported. All co-ordinates MGA Zone 50 GDA94, all holes are 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.

Intersections are made up of 4 m composite sample results with the bottom of the hole sample results a miixture of 1 m and 5 m composite sample results.

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

Hole	From m	To m	Interval m	TREO ppm	La_2O_3 ppm	CeO_2 ppm	Pr_6O_{11} ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_4O_7 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	Th ppm	U ppm
BRAC068	4	8	4	49	12	17	2	6	1	0.3	1	0.2	1.1	0.2	0.7	0.1	1	0.2	7	11	2
BRAC068	8	12	4	119	39	45	5	14	2	0.5	1	0.2	1.5	0.3	1.2	0.1	1	0.2	8	17	3
BRAC068	12	16	4	63	18	22	2	9	1	0.3	1	0.2	1.1	0.2	0.8	0.1	1	0.2	7	28	3
BRAC068	16	20	4	55	13	21	2	7	2	0.5	1	0.2	1.3	0.2	0.7	0.2	1	0.1	6	34	3
BRAC068	20	24	4	58	8	34	2	6	1	0.3	1	0.2	0.9	0.1	0.6	0.1	1	0.1	4	28	2
BRAC068	24	28	4	2084	425	1073	94	317	43	9.2	28	3.2	14.1	2.6	5.9	0.7	4	0.5	66	13	4
BRAC068	28	32	4	5179	1185	2431	261	888	121	24.9	73	8.3	36.2	5.3	11.8	1.3	6	0.7	126	26	10
BRAC068	32	35	3	4852	1255	2118	266	844	115	22.2	64	7.3	29.5	4.7	9.5	1	5	0.5	110	22	9
BRAC069	4	8	4	181	72	61	10	25	3	0.8	2	0.2	0.9	0.2	0.6	0.1	1	0.1	5	31	1
BRAC069	8	12	4	816	269	317	47	137	14	2.7	8	1	3.4	0.6	1.8	0.2	1	0.2	14	34	2
BRAC069	12	16	4	1181	286	594	59	175	21	3.9	11	1.2	5.3	0.9	2	0.3	2	0.2	20	28	2
BRAC069	16	20	4	796	138	457	34	113	15	3.1	8	0.9	4.5	0.7	1.6	0.2	1	0.2	19	14	2
BRAC069	20	24	4	800	166	363	41	145	20	4.4	13	1.7	7.5	1.2	3.4	0.4	2	0.3	31	18	3
BRAC069	24	28	4	840	192	370	41	148	20	4.6	14	1.8	8.1	1.4	3.1	0.4	3	0.4	33	20	3
BRAC069	28	29	1	517	124	244	25	78	10	2.1	6	0.8	3.7	0.7	1.5	0.3	2	0.3	20	20	2
BRAC070	4	8	4	124	31	44	5	17	3	0.6	3	0.4	2.3	0.5	1.5	0.3	2	0.2	14	33	3
BRAC070	8	12	4	71	16	27	3	10	1	0.4	2	0.3	1.1	0.3	0.9	0.1	1	0.1	8	28	2
BRAC070	12	16	4	63	13	23	3	9	2	0.4	2	0.2	1.4	0.3	1.1	0.2	1	0.1	8	31	3
BRAC070	16	20	4	242	63	121	10	30	4	0.8	3	0.2	1.7	0.3	0.6	0.1	1	0.2	7	29	2
BRAC070	20	24	4	1284	423	592	55	161	17	3.5	9	1	4.3	0.6	1.6	0.2	1	0.1	15	14	2
BRAC070	24	28	4	1219	365	511	57	194	24	5.1	16	2	8.4	1.4	2.9	0.4	2	0.2	31	12	3
BRAC070	28	32	4	836	208	317	45	156	23	5	15	1.9	9.4	1.7	4.6	0.5	3	0.4	48	12	4
BRAC070	32	36	4	2054	411	979	105	377	50	9.6	28	3.3	14.7	2.4	6.4	0.7	4	0.7	63	16	5
BRAC070	36	40	4	2644	555	1228	134	469	61	13	39	4.5	20.1	3.7	9.5	1.2	7	0.8	100	10	5
BRAC070	40	44	4	3990	809	1658	203	770	104	22.8	77	9.1	45	8.3	21.6	2.9	18	2.7	240	31	9
BRAC070	44	48	4	1710	255	609	80	315	50	11.9	45	5.8	31.6	6.8	19.5	2.7	17	2.6	260	7	2
BRAC070	48	52	4	1164	242	511	60	221	33	6.6	19	2.2	9.8	1.7	4.6	0.6	3	0.5	51	10	2
BRAC070	52	55	3	1081	222	475	55	202	29	6.2	17	2	9.7	1.7	4.9	0.5	3	0.6	52	9	2
BRAC071	8	12	4	201	49	78	10	32	5	1.1	3	0.5	2.7	0.5	1.7	0.3	2	0.2	17	19	2

Hole	From m	To m	Interval m	TREO ppm	La_2O_3 ppm	CeO_2 ppm	Pr_6O_{11} ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_4O_7 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	Th ppm	U ppm
BRAC071	12	16	4	96	15	33	3	14	3	0.7	2	0.4	2.9	0.6	2	0.3	2	0.3	16	36	2
BRAC071	16	20	4	115	30	37	5	18	4	0.8	2	0.4	2.3	0.5	1.6	0.3	2	0.3	13	30	2
BRAC071	20	24	4	207	54	93	8	25	5	1.2	3	0.6	3	0.5	1.3	0.2	1	0.2	11	30	2
BRAC071	24	28	4	3618	673	2008	141	497	76	14.6	50	6.4	28	4.3	10	1.2	6	0.7	103	29	2
BRAC071	28	32	4	4154	1046	1547	249	859	116	25	76	7.8	31.8	4.8	12.3	1.2	6	0.7	171	19	2
BRAC071	32	36	4	2108	408	1057	95	328	42	8.6	27	3.5	16.7	3.1	8.5	1.2	7	1	101	24	2
BRAC071	36	40	4	2005	411	887	102	364	49	9.8	33	3.9	18.5	3.4	8.7	1.1	7	0.9	108	11	2
BRAC071	40	41	1	984	196	448	50	178	23	5.6	15	1.9	8.8	1.4	4.2	0.5	3	0.4	49	8	1
BRAC072	8	12	4	944	162	537	34	114	18	4.3	14	1.9	9.9	1.7	4.5	0.6	3	0.5	40	29	4
BRAC072	12	16	4	160	35	81	6	19	3	0.7	2	0.3	1.6	0.4	1.1	0.2	1	0.1	9	6	1
BRAC072	16	20	4	205	74	59	12	38	5	1	3	0.3	1.4	0.3	0.6	0.1	1	0.1	9	4	1
BRAC072	20	24	4	374	116	160	19	56	6	1.4	3	0.4	1.7	0.3	0.7	0.1	1	0.1	11	21	1
BRAC072	24	28	4	483	132	236	22	66	7	1.6	4	0.4	2.2	0.4	0.8	0.1	1	0.1	11	39	2
BRAC072	28	32	4	674	179	340	30	89	9	1.8	5	0.6	2.5	0.4	1.1	0.1	1	0.1	14	51	2
BRAC072	32	36	4	672	168	329	31	95	12	2.7	7	0.9	3.8	0.6	1.5	0.2	1	0.1	19	53	3
BRAC072	36	40	4	897	228	436	42	128	16	2.9	9	1.1	5.1	0.8	2	0.3	2	0.3	25	57	4
BRAC072	40	44	4	1652	468	758	75	228	27	5.4	18	2.2	10.5	1.7	4.4	0.5	3	0.5	51	26	5
BRAC072	44	49	5	612	161	292	29	86	11	1.5	6	0.6	3.5	0.5	1.4	0.1	1	0.2	19	31	2
BRAC073	4	8	4	202	69	69	11	32	3	1.1	2	0.3	1.8	0.3	1.1	0.1	1	0.1	11	14	1
BRAC073	8	12	4	182	80	51	10	27	3	1.2	2	0.2	0.9	0.2	0.5	0.1	1	0.1	5	25	1
BRAC073	12	16	4	763	293	258	41	119	14	4.1	9	1	4.2	0.7	1.6	0.2	1	0.1	16	22	1
BRAC073	16	20	4	2011	669	755	118	346	40	8.8	21	2.3	10	1.6	3.2	0.4	2	0.3	34	25	2
BRAC073	20	24	4	2010	535	894	101	337	40	9.4	25	2.8	11.8	1.7	4.1	0.4	3	0.3	45	19	2
BRAC073	24	28	4	2209	468	1170	91	305	40	9	28	3.3	15.5	2.6	6	0.6	4	0.6	66	19	3
BRAC073	28	32	4	744	172	354	31	94	13	2.6	10	1.4	7.7	1.4	4.3	0.5	4	0.5	50	39	3
BRAC073	32	36	4	1481	314	672	77	265	35	7.5	21	2.6	12.6	2.2	5.9	0.8	5	0.8	60	20	5
BRAC073	36	40	4	1733	395	745	86	311	40	9.4	29	3.4	16.1	2.6	6.9	0.9	6	0.8	80	15	3
BRAC073	40	44	4	1387	293	570	64	226	28	7.2	22	2.8	14.2	3.1	9.8	1.5	9	1.6	137	15	4
BRAC073	44	48	4	1025	220	454	51	178	22	5.4	15	1.8	9.3	1.6	4.4	0.6	3	0.6	58	14	3
BRAC073	48	52	4	1300	333	591	60	182	22	4.4	15	2.1	10.8	2.1	5.7	0.8	5	0.7	66	26	3

Hole	From m	To m	Interval m	TREO ppm	La_2O_3 ppm	CeO_2 ppm	Pr_6O_{11} ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_4O_7 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	Th ppm	U ppm
BRAC073	52	56	4	1232	313	564	55	172	20	4.4	15	2.1	10.1	2	6.4	0.8	5	0.7	62	27	4
BRAC073	56	58	2	1151	286	528	53	164	19	4.3	14	1.9	9.6	1.9	5.3	0.8	5	0.7	59	24	2
BRAC074	4	8	4	160	43	55	9	28	4	1	3	0.4	2.1	0.4	1.2	0.2	1	0.2	12	19	2
BRAC074	8	12	4	137	70	23	8	22	3	0.6	2	0.3	1.1	0.2	0.4	0.1	0	0.1	7	20	1
BRAC074	12	16	4	129	81	15	6	16	2	0.6	2	0.2	1	0.1	0.5	0	0	0	6	18	1
BRAC074	16	20	4	43	14	17	1	5	1	0.2	1	0.1	0.5	0.1	0.3	0.1	0	0.1	3	33	2
BRAC074	20	24	4	174	79	43	9	26	3	0.7	3	0.3	1.3	0.2	0.7	0.1	1	0.1	7	36	2
BRAC074	24	28	4	46	15	15	2	7	1	0.4	1	0.1	0.7	0.1	0.3	0.1	0	0.1	4	21	1
BRAC074	28	32	4	152	56	48	9	27	3	0.8	2	0.2	1	0.2	0.4	0.1	0	0.1	5	20	1
BRAC074	32	36	4	354	124	113	23	69	8	1.5	4	0.4	1.7	0.3	0.8	0.1	1	0.1	9	22	3
BRAC074	36	40	4	981	355	263	68	209	25	5	12	1.5	6.3	1	2.5	0.3	2	0.2	31	26	2
BRAC074	40	44	4	342	103	127	21	65	8	2	4	0.4	1.8	0.3	0.9	0.1	1	0.2	8	16	1
BRAC074	44	48	4	682	223	224	46	139	15	2.9	7	0.9	4.2	0.6	1.6	0.2	1	0.2	16	26	3
BRAC074	48	52	4	667	185	285	37	118	14	2.3	6	0.6	3	0.5	1.3	0.2	1	0.2	13	18	2
BRAC074	52	56	4	900	221	447	42	134	18	3.4	8	1	4	0.7	1.7	0.2	2	0.2	19	20	2
BRAC074	56	60	4	1387	321	664	58	205	27	5.8	20	2.4	11.9	2.1	5.2	0.7	4	0.5	59	36	3
BRAC074	60	64	4	656	162	323	30	94	11	2.3	7	0.7	3.7	0.7	1.4	0.2	1	0.2	19	22	3
BRAC074	64	66	2	358	95	175	17	52	6	1.5	3	0.3	1.5	0.2	0.5	0.1	0	0.1	6	14	1
BRAC075	4	8	4	444	97	221	20	65	9	1.7	5	0.7	3.5	0.6	1.4	0.2	2	0.3	17	13	2
BRAC075	8	12	4	1253	245	635	57	201	29	5	17	1.9	10	1.6	4.1	0.6	4	0.5	43	19	3
BRAC075	12	16	4	1195	208	605	54	206	30	5.1	18	2	9.9	1.6	4	0.6	4	0.6	46	26	3
BRAC075	16	20	4	1246	257	596	68	228	31	4.6	15	1.7	7.2	1	3.3	0.4	3	0.3	31	28	3
BRAC076	8	12	4	1088	339	325	66	223	34	5.9	20	2.4	11.7	2	4.6	0.5	3	0.2	53	34	2
BRAC076	12	16	4	2036	494	786	107	371	59	11	39	4.9	22.8	4	10.7	1.1	6	0.8	120	21	4
BRAC076	16	20	4	1505	355	589	84	283	43	7.5	26	3.1	16	2.7	6.9	0.9	5	0.5	82	18	4
BRAC076	20	24	4	1017	299	392	54	178	22	4.4	13	1.4	7.7	1.2	3.1	0.4	2	0.3	39	40	3
BRAC076	24	28	4	826	242	317	45	145	19	3.7	11	1.4	6.9	1.1	3	0.4	3	0.3	30	45	3
BRAC076	28	32	4	1200	292	463	71	234	35	5.2	21	2.5	12.1	2	5.4	0.6	3	0.4	54	27	5
BRAC076	32	36	4	1274	260	612	65	217	32	5.1	16	2.1	9.4	1.5	4.1	0.5	3	0.4	46	25	4
BRAC076	36	40	4	1428	211	873	52	185	28	5.8	15	2	9.8	1.4	3.7	0.5	3	0.4	39	23	2

Hole	From m	To m	Interval m	TREO ppm	La_2O_3 ppm	CeO_2 ppm	Pr_6O_{11} ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_4O_7 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	Th ppm	U ppm
BRAC076	40	44	4	1021	214	472	48	167	26	4.9	17	2.3	10.3	1.8	4.7	0.5	4	0.5	49	31	3
BRAC076	44	48	4	1087	245	457	56	200	33	5.4	18	2.5	11.3	1.8	4.4	0.6	4	0.5	48	21	4
BRAC076	48	52	4	1112	257	490	57	187	26	4.3	14	1.8	9.1	1.8	4.1	0.8	5	0.6	55	31	4
BRAC076	52	54	2	495	111	199	21	73	11	3.3	9	1.2	7.3	1.4	4	0.5	4	0.5	50	19	2
BRAC077	4	8	4	926	276	306	59	195	25	5.5	14	1.7	7.6	1.2	2.4	0.3	1	0.2	34	23	1
BRAC077	8	12	4	939	255	335	56	189	28	5.8	16	1.7	7.7	1.3	3	0.4	2	0.2	38	28	2
BRAC077	12	16	4	977	267	418	53	163	19	4.2	11	1.2	5.3	0.9	1.9	0.2	1	0.2	30	28	3
BRAC077	16	20	4	1257	358	512	69	221	28	6.2	14	1.7	7.5	1.2	2.8	0.3	2	0.3	35	23	4
BRAC077	20	24	4	1565	443	555	95	307	38	8.4	24	2.5	12.5	2.1	5.6	0.7	4	0.5	68	28	4
BRAC077	24	28	4	2081	409	952	102	364	48	11.1	33	3.7	18.3	3.3	9.3	1.3	8	1.2	119	29	4
BRAC077	28	32	4	1534	313	822	65	209	27	5.6	17	1.9	8.9	1.7	4.6	0.6	4	0.5	55	30	3
BRAC077	32	36	4	2356	470	992	133	486	66	13.6	37	4	18.8	3.6	10.4	1.6	10	1.5	108	27	3
BRAC077	36	39	3	793	188	360	37	118	15	3.6	10	1.1	5.7	1.2	3.7	0.5	4	0.6	46	24	2
BRAC078	12	16	4	1149	313	416	68	229	34	7.6	21	2.1	9.9	1.6	3.5	0.4	2	0.3	42	59	2
BRAC078	16	20	4	423	168	116	26	74	10	2.5	6	0.5	3	0.5	1.1	0.1	1	0.1	15	24	1
BRAC078	20	24	4	677	221	210	36	134	17	3.9	11	1.1	6.6	1	2.9	0.4	2	0.3	31	33	3
BRAC078	24	28	4	1371	375	534	81	262	35	6.9	17	1.8	8.9	1.4	3.8	0.4	3	0.4	40	40	3
BRAC078	28	32	4	1736	389	853	85	276	37	7.9	21	2.2	9.8	1.6	4.3	0.6	3	0.5	45	34	3
BRAC078	32	36	4	1249	328	537	63	205	26	6.2	17	1.7	9.1	1.5	4.1	0.6	4	0.6	46	32	2
BRAC078	36	40	4	1303	307	616	61	196	24	5.8	17	1.8	9.2	1.6	4.6	0.7	4	0.7	53	33	3
BRAC078	40	44	4	1308	312	628	59	193	23	5.7	15	1.7	8.4	1.6	4.4	0.6	4	0.6	52	33	2
BRAC078	44	48	4	1142	276	533	53	168	20	4.9	13	1.5	8	1.5	4.4	0.6	5	0.7	54	36	3
BRAC078	48	52	4	1121	274	527	53	165	21	4.5	12	1.2	6.6	1.3	3.9	0.5	4	0.5	47	33	3
BRAC078	52	56	4	1314	332	621	62	194	24	5.2	13	1.5	7.2	1.3	3.9	0.5	3	0.5	47	37	3
BRAC078	56	60	4	1159	294	550	54	171	20	5	12	1.4	6.3	1.1	3	0.4	2	0.3	39	34	3
BRAC078	60	64	4	1122	286	530	53	166	21	4.7	11	1.2	5.9	1.1	2.6	0.4	2	0.4	36	27	3
BRAC078	64	67	3	1042	258	494	50	159	19	4.6	12	1.2	6	1	2.8	0.4	2	0.3	34	26	3
BRAC079	4	8	4	274	74	148	11	29	3	0.6	2	0.2	1	0.2	0.5	0	0	0.1	5	30	1
BRAC079	8	12	4	70	23	32	3	9	1	0.3	1	0	0.3	0	0.1	0	0	0	1	10	0
BRAC079	12	16	4	328	96	172	13	35	4	0.8	2	0.2	0.8	0.2	0.3	0	0	0.1	5	25	1

Hole	From m	To m	Interval m	TREO ppm	La_2O_3 ppm	CeO_2 ppm	Pr_6O_{11} ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_4O_7 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	Th ppm	U ppm
BRAC079	16	20	4	469	110	285	15	43	4	1.2	2	0.2	1.2	0.2	0.6	0.1	1	0.1	5	19	1
BRAC079	20	23	3	831	141	467	35	117	17	3.8	10	1.1	5.4	0.8	2.6	0.3	2	0.3	29	20	3
BRAC080	12	16	4	638	346	42	43	126	16	2.8	13	1.4	6.4	1.1	2.5	0.3	1	0.2	36	14	1
BRAC080	16	20	4	519	263	91	31	86	10	2	6	0.8	3.8	0.6	1.6	0.2	1	0.2	23	21	1
BRAC080	20	24	4	559	192	219	28	81	9	2.2	5	0.6	3	0.5	1.3	0.2	1	0.1	15	29	2
BRAC080	24	28	4	350	131	139	17	44	5	1.4	2	0.3	1.5	0.3	0.8	0.1	1	0.1	8	29	1
BRAC080	28	32	4	609	215	195	37	110	12	2.9	8	0.8	4.2	0.7	2.1	0.3	2	0.2	22	33	2
BRAC080	32	36	4	1332	188	932	36	109	14	3.1	8	1	5.2	1	2.7	0.4	2	0.3	30	34	4
BRAC080	36	40	4	2625	581	1437	107	325	37	7.4	23	2.5	13.5	2.5	6.6	0.9	6	0.8	77	38	5
BRAC080	40	44	4	1418	213	819	56	196	28	6	17	1.9	10.7	1.9	5.7	0.9	6	0.8	56	20	3
BRAC080	44	49	5	518	134	233	24	73	9	2.4	6	0.7	3.7	0.7	2.2	0.3	2	0.4	27	19	2
BRAC081	8	12	4	902	177	426	44	161	24	5.1	15	1.6	8.9	1.4	3.4	0.3	2	0.2	33	22	2
BRAC081	12	16	4	1516	318	867	63	194	26	4.8	13	1.4	6.3	1	2.4	0.2	1	0.1	18	18	2
BRAC081	16	20	4	754	190	397	33	96	11	2.6	6	0.7	2.8	0.5	1	0.1	1	0.1	13	26	2
BRAC081	20	24	4	536	129	260	25	78	11	2.7	7	0.6	3.4	0.6	1.6	0.2	1	0.2	16	20	2
BRAC081	24	28	4	1727	355	787	88	314	45	8.3	28	3	14.7	2.6	5.9	0.8	5	0.6	69	38	4
BRAC081	28	32	4	2053	449	959	107	366	45	9.7	27	2.6	13.1	2.1	6.1	0.7	5	0.6	61	37	5
BRAC081	32	36	4	2519	554	1176	130	449	59	11.2	33	3.3	15.7	2.6	6.6	0.8	5	0.6	73	38	6
BRAC081	36	40	4	1391	286	619	70	250	37	6.4	23	2.5	13.2	2.3	6.3	0.8	5	0.6	70	23	5
BRAC081	40	45	5	2475	561	1191	127	429	51	10.6	27	2.6	11.3	1.9	4.6	0.6	4	0.4	54	35	2
BRAC082	4	8	4	1577	359	641	92	302	44	10.9	31	3.3	15.7	2.4	5.3	0.7	4	0.4	66	29	4
BRAC082	8	12	4	2206	513	1033	116	338	48	12	30	3.7	17.9	2.9	6.9	0.8	5	0.5	79	29	4
BRAC082	12	16	4	1906	439	915	101	298	41	9.9	25	2.8	13.6	2.1	4.8	0.6	4	0.3	51	34	4
BRAC082	16	20	4	3974	608	1695	228	904	147	35	98	9.7	46.6	7.4	17	1.9	10	1	166	35	7
BRAC082	20	24	4	1952	258	899	89	368	79	18.2	49	4.5	21	3.9	11	1.4	9	0.8	142	41	5
BRAC082	24	28	4	2018	299	947	90	361	64	16	54	5.8	28.4	4.7	11.3	1.4	7	0.8	127	41	6
BRAC082	28	32	4	1969	328	853	100	408	74	16.9	51	5.2	24	3.5	8.8	1	8	1.1	87	30	6
BRAC082	32	36	4	1299	215	513	72	272	46	10.5	33	4	19.7	3.3	9.2	1.2	8	1	93	37	6
BRAC082	36	40	4	1825	242	635	89	410	79	20.8	66	7.4	39	6.7	17.8	2.4	14	1.9	194	26	5
BRAC082	40	44	4	1067	194	449	55	210	35	8.5	24	2.6	13.8	2.1	5.2	0.7	4	0.5	63	21	3

Hole	From m	To m	Interval m	TREO ppm	La_2O_3 ppm	CeO_2 ppm	Pr_6O_{11} ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_4O_7 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	Th ppm	U ppm
BRAC082	44	46	2	1317	224	551	69	269	48	10.9	31	3.4	16.2	2.6	6.5	0.8	5	0.6	80	23	4
BRAC083	4	8	4	1537	271	664	80	297	55	10.9	33	3.8	17.5	3.1	7.9	1	6	0.6	85	56	4
BRAC083	8	12	4	1234	219	537	65	243	39	8.4	26	2.9	13.4	2.2	6.3	0.7	5	0.5	68	57	4
BRAC083	12	16	4	1306	238	570	67	252	42	8.8	27	2.9	14.2	2.5	5.8	0.8	5	0.7	70	47	4
BRAC083	16	18	2	1167	209	500	62	230	38	8.8	26	2.7	13.2	2.1	5.7	0.7	4	0.6	64	48	3
BRAC084	4	8	4	258	91	120	11	26	2	0.7	1	0.2	0.6	0.2	0.4	0.1	0	0	4	49	1
BRAC084	8	12	4	1303	347	650	58	172	21	4.9	12	1.4	6.4	1.1	2.4	0.3	2	0.3	25	25	3
BRAC084	12	16	4	1330	249	707	59	203	28	6.2	18	1.8	9.1	1.6	4.4	0.5	3	0.3	39	13	5
BRAC084	16	20	4	1297	133	576	61	266	45	10.5	34	3.8	21.5	3.8	11	1.5	11	1.5	118	17	3
BRAC084	20	24	4	601	116	258	31	110	15	3.9	11	1.3	6.8	1.4	3.9	0.5	3	0.4	40	6	2
BRAC084	24	28	4	603	121	260	30	105	15	4.1	11	1.2	7.2	1.6	3.6	0.5	4	0.4	39	10	2
BRAC084	28	32	4	645	121	274	32	122	17	3.9	12	1.4	8.1	1.5	4.3	0.5	3	0.5	44	8	2
BRAC084	32	36	4	813	141	341	42	153	25	5.4	18	2.1	11.5	2.1	5.9	0.7	4	0.6	62	6	2
BRAC085	8	12	4	313	48	191	12	36	6	1.4	4	0.5	2.8	0.5	1.3	0.2	1	0.2	8	27	2
BRAC085	12	16	4	537	203	140	42	118	12	2.1	5	0.5	2.2	0.4	1	0.1	1	0.1	10	32	2
BRAC085	16	20	4	635	176	216	45	139	17	3.2	9	1.1	4.8	0.8	2.1	0.2	1	0.2	18	32	2
BRAC085	20	24	4	1442	368	559	90	293	40	7.3	23	2.3	10.8	1.6	3.7	0.4	2	0.3	41	23	2
BRAC085	24	28	4	1784	355	761	98	346	50	10.2	32	3.4	17.2	2.9	7.4	0.9	5	0.6	94	20	4
BRAC085	28	32	4	2118	407	949	115	408	59	12.3	34	3.5	16.8	2.8	7.5	1.1	7	0.9	95	17	4
BRAC085	32	36	4	2114	408	937	108	388	56	12.3	33	3.8	18.8	3.2	9.2	1.4	9	1.4	125	13	4
BRAC085	36	40	4	2206	430	989	115	410	62	13.5	39	4.1	20.2	3.4	8.7	1.1	7	1	103	16	6
BRAC085	40	44	4	2413	457	1075	127	449	66	13.7	41	4.2	21.2	3.6	10	1.4	9	1.5	135	19	6
BRAC085	44	48	4	1463	278	659	79	280	40	8.8	26	2.6	12.3	2.1	5.5	0.6	4	0.6	65	13	4
BRAC085	48	52	4	1667	330	738	91	324	47	10.2	28	2.9	13.7	2.1	6.2	0.7	4	0.5	69	15	4
BRAC085	52	55	3	1467	278	648	80	286	42	8.5	26	2.8	13.3	2.2	5.7	0.7	4	0.6	68	12	2
BRAC086	16	20	4	485	153	123	32	106	15	2.9	10	1.2	6.4	1	2.5	0.3	2	0.2	29	43	1
BRAC086	20	24	4	1279	350	351	79	278	40	7.3	27	3.1	16.1	3.1	9.2	1.1	6	0.8	109	47	3
BRAC086	24	28	4	1578	350	685	82	272	40	7.2	28	3.2	16.7	2.8	8.1	0.9	5	0.6	77	23	5
BRAC086	28	32	4	1719	375	726	95	303	45	8.2	30	3.4	17.8	3	7.8	0.9	5	0.6	99	24	6
BRAC086	32	36	4	1249	307	500	71	227	34	6.1	21	2.5	11.9	2	4.7	0.6	3	0.4	58	39	3

Hole	From m	To m	Interval m	TREO ppm	La_2O_3 ppm	CeO_2 ppm	Pr_6O_{11} ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_4O_7 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	Th ppm	U ppm
BRAC086	36	40	4	1435	318	588	82	272	41	8.1	26	3	15.7	2.5	6.2	0.7	4	0.4	69	16	4
BRAC086	40	44	4	1099	248	413	62	209	33	6.3	22	2.9	15	2.5	6.7	0.8	5	0.6	74	32	4
BRAC086	44	48	4	1135	251	394	74	259	39	6.9	24	2.8	13.9	2.3	5.8	0.6	4	0.5	58	19	4
BRAC086	48	52	4	2376	511	829	152	564	81	13.7	48	5.3	26.9	4.4	12.1	1.5	9	1.2	117	18	5
BRAC086	52	56	4	2125	425	842	117	419	62	11.5	39	4.6	25.4	4.7	13.3	1.7	10	1.3	150	16	5
BRAC086	56	60	4	1345	226	490	61	210	34	7.5	27	3.3	20.4	4.7	17.9	2.8	20	3.2	218	18	3
BRAC086	60	64	4	1173	255	519	58	190	28	6	19	2.3	12.1	2.2	6	0.8	4	0.6	70	26	3
BRAC086	64	67	3	961	218	432	48	151	23	4	15	1.9	9.5	1.5	4.5	0.6	3	0.5	50	31	4
BRAC087	8	12	4	219	58	113	8	21	3	0.6	2	0.3	1.7	0.3	1	0.1	1	0.1	10	19	1
BRAC087	12	17	5	600	142	341	25	68	7	2.1	4	0.4	1.7	0.3	0.8	0.1	1	0.1	7	22	1
BRAC088	4	8	4	235	52	96	11	35	5	1.1	5	0.6	3.5	0.7	2	0.3	2	0.2	21	26	2
BRAC088	8	12	4	196	44	81	10	29	5	1	3	0.5	3	0.5	1.8	0.2	2	0.3	16	30	2
BRAC088	12	16	4	86	23	31	4	13	2	0.5	2	0.2	1.2	0.2	1	0.2	1	0.1	8	43	2
BRAC088	16	20	4	80	28	22	5	14	2	0.5	2	0.2	1.1	0.1	0.5	0.1	0	0.1	5	35	2
BRAC088	20	24	4	188	92	23	13	38	5	1.1	3	0.4	2	0.4	0.9	0.1	1	0.1	9	13	2
BRAC088	24	28	4	379	164	99	22	61	8	1.6	5	0.8	3.1	0.7	1.5	0.2	1	0.1	13	25	2
BRAC088	28	32	4	1043	488	276	54	145	16	3.2	12	1.4	6.4	1.2	2.7	0.3	1	0.3	36	36	3
BRAC088	32	36	4	1943	619	853	101	269	29	5.4	15	1.8	7.8	1.4	3.2	0.4	2	0.3	34	44	3
BRAC088	36	40	4	1104	364	377	72	207	23	4.6	13	1.6	6.6	1.1	2.6	0.3	2	0.2	30	25	2
BRAC088	40	44	4	1132	279	463	66	220	30	5.5	17	2	8.3	1.3	3.2	0.4	2	0.3	34	39	4
BRAC088	44	48	4	800	153	415	39	129	17	3.2	9	1.2	5	0.9	2.1	0.3	2	0.3	23	18	2
BRAC088	48	52	4	1030	155	614	39	138	17	3.9	11	1.3	6.2	1.2	3.5	0.5	3	0.4	37	18	2
BRAC088	52	54	2	345	82	166	16	48	6	1.7	4	0.5	2	0.5	1.2	0.2	1	0.2	17	17	1
BRAC089	8	12	4	186	35	97	7	21	3	0.8	2	0.4	2.4	0.5	1.7	0.2	2	0.2	13	29	2
BRAC089	12	16	4	83	21	32	4	11	2	0.4	1	0.2	1.4	0.3	0.9	0.1	1	0.2	9	14	2
BRAC089	16	20	4	100	17	52	3	11	2	0.5	2	0.3	1.7	0.3	1.1	0.2	1	0.2	9	31	3
BRAC089	20	24	4	233	13	185	3	12	3	0.6	2	0.4	2.1	0.4	1.2	0.2	1	0.2	9	49	3
BRAC089	24	28	4	257	8	230	2	6	1	0.3	1	0.2	1	0.2	0.7	0.1	1	0.1	5	48	3
BRAC089	28	32	4	152	38	83	5	13	2	0.6	1	0.2	1.1	0.2	0.7	0.1	1	0.1	6	35	2
BRAC089	32	36	4	844	257	391	36	103	12	2.5	9	1	4.7	0.8	2	0.3	1	0.2	23	36	2

Hole	From m	To m	Interval m	TREO ppm	La_2O_3 ppm	CeO_2 ppm	Pr_6O_{11} ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_4O_7 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	Th ppm	U ppm
BRAC089	36	40	4	1655	323	1014	56	169	22	4.6	14	1.6	7.5	1.3	3.2	0.4	2	0.4	36	42	3
BRAC089	40	44	4	1992	361	1213	68	219	30	6.2	20	2.5	11.3	1.7	4.6	0.6	3	0.4	50	42	4
BRAC089	44	48	4	1884	330	1124	63	208	31	7.6	26	3.4	15	2.6	5.8	0.7	4	0.7	63	36	3
BRAC089	48	52	4	2723	599	1203	143	486	69	15.2	49	5.9	25.5	4.1	9.6	1.2	7	0.9	104	37	5
BRAC089	52	56	4	2413	622	856	158	528	68	13.1	35	4.2	18.4	3.1	7.7	1.1	7	1	92	30	4
BRAC089	56	60	4	2591	644	993	156	532	68	14.2	38	4.5	20	3.6	8.7	1.2	7	0.9	101	33	3
BRAC089	60	64	4	1705	433	668	93	315	42	9	29	3.4	15.4	2.9	6.9	0.9	6	0.8	81	33	3
BRAC089	64	68	4	1250	289	566	64	210	27	5.4	16	1.8	8.7	1.6	4.2	0.6	3	0.5	52	28	3
BRAC089	68	72	4	1265	284	583	65	215	27	5.4	17	2	9.4	1.6	3.9	0.5	3	0.4	48	24	3
BRAC090	8	12	4	351	75	161	16	55	7	1.8	5	0.7	3.8	0.7	1.9	0.3	2	0.2	21	28	2
BRAC090	12	16	4	209	54	85	11	33	5	1.1	3	0.4	2.3	0.4	1.4	0.2	1	0.2	12	24	2
BRAC090	16	20	4	70	14	30	3	10	2	0.4	1	0.2	1.3	0.3	0.8	0.1	1	0.2	6	40	2
BRAC090	20	24	4	113	25	53	4	15	3	0.5	2	0.3	1.5	0.3	1	0.1	1	0.2	8	49	3
BRAC090	24	28	4	693	20	615	6	23	5	1	4	0.5	3	0.5	1.7	0.3	2	0.3	10	50	4
BRAC090	28	32	4	316	21	251	5	19	3	0.8	3	0.4	2.3	0.4	1.1	0.2	1	0.2	10	58	4
BRAC090	32	36	4	170	44	82	7	19	3	0.7	2	0.3	1.6	0.3	1	0.2	1	0.2	8	58	3
BRAC090	36	40	4	407	145	161	17	54	6	1.7	5	0.5	2.5	0.4	1.3	0.1	1	0.2	12	22	2
BRAC090	40	44	4	1729	199	1314	33	107	17	4.1	11	1.2	5.4	1	3	0.4	3	0.4	31	81	6
BRAC090	44	48	4	759	150	464	24	71	10	2.5	6	0.8	4	0.7	2.1	0.3	2	0.3	22	39	4
BRAC090	48	52	4	1868	327	1138	69	225	29	7.1	15	1.8	7.9	1.3	3.4	0.4	3	0.5	39	46	6
BRAC090	52	56	4	1182	277	580	54	179	24	6.5	12	1.2	6.9	1.1	2.9	0.4	3	0.4	35	20	3
BRAC090	56	60	4	1570	425	534	98	344	47	9.8	24	2.6	12.3	1.9	5.7	0.7	5	0.6	61	22	4
BRAC090	60	64	4	1148	428	181	86	293	36	7.1	21	2.2	11.9	2	6	0.8	5	0.7	67	39	3
BRAC090	64	69	5	629	133	263	31	117	16	3.6	11	1.2	7.3	1.2	3.4	0.4	3	0.5	38	39	3
BRAC091	4	8	4	476	95	216	22	78	13	2.9	8	1	6	1.1	2.9	0.4	3	0.4	29	27	2
BRAC091	8	12	4	943	282	371	47	155	22	4.1	13	1.5	7.2	1.3	3.2	0.3	2	0.2	34	34	2
BRAC091	12	16	4	2078	527	883	105	354	50	10	31	3.6	17.9	2.9	7.4	0.8	5	0.5	81	51	2
BRAC091	16	20	4	2447	547	1023	128	455	66	13.8	44	4.8	25.1	4.3	10.8	1.1	7	0.8	118	58	4
BRAC091	20	24	4	2012	416	871	103	364	55	11.4	36	4.3	21.1	3.6	8.9	1.2	6	0.8	111	53	3
BRAC091	24	28	4	1701	335	754	90	323	49	9.7	30	3.6	15.4	2.6	6.3	0.7	4	0.5	78	39	3

Hole	From m	To m	Interval m	TREO ppm	La_2O_3 ppm	CeO_2 ppm	Pr_6O_{11} ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_4O_7 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	Th ppm	U ppm
BRAC091	28	32	4	2259	416	1043	108	401	67	13.8	43	5.3	25.5	3.8	9.6	1.2	7	1	114	37	3
BRAC091	32	36	4	1608	272	705	85	326	50	10.8	34	3.9	18.7	3	7	0.9	5	0.6	88	29	3
BRAC091	36	40	4	1966	365	806	110	416	63	13.4	44	4.9	22.4	3.6	7.7	1	5	0.6	105	44	4
BRAC091	40	44	4	2096	394	916	111	403	62	12.5	41	5.1	22	3.6	8.7	1.1	5	0.8	110	46	4
BRAC091	44	48	4	1955	310	882	92	382	66	13.9	39	4.7	22.7	3.8	10	1.5	10	1.5	117	36	4
BRAC091	48	52	4	1899	330	742	88	345	60	14.5	52	6.2	32.9	6	15.5	2.3	14	2.2	189	29	4
BRAC091	52	56	4	1356	258	550	62	233	37	8.3	27	3.4	17.8	3.5	10.7	1.6	9	1.6	135	27	4
BRAC091	56	60	4	1028	183	438	52	199	32	6.8	21	2.6	12.2	2.1	5.4	0.7	4	0.7	69	19	4
BRAC091	60	64	4	881	161	381	45	167	27	5.8	18	2.3	10.3	1.8	4.7	0.6	3	0.5	55	17	3
BRAC091	64	66	2	913	178	394	45	171	27	5.3	18	2	9.8	1.7	4.4	0.6	3	0.6	53	19	4
BRAC092	8	12	4	2324	452	993	119	487	79	17	49	4.8	19.9	3	6.9	0.8	3	0.4	90	24	1
BRAC092	12	16	4	3775	800	1609	192	758	130	28.8	82	7.7	31.1	4.3	8.8	0.9	4	0.5	119	29	2
BRAC092	16	20	4	2679	513	1102	144	610	100	21.2	60	5.6	24.9	3.4	6.4	0.7	4	0.4	85	62	3
BRAC092	20	24	4	2618	452	1200	129	520	89	19.3	57	5.7	24.3	3.6	8	0.8	5	0.6	105	45	5
BRAC092	24	28	4	2304	393	1060	113	454	78	16.4	48	5	22	3.2	7.6	0.9	5	0.6	100	53	6
BRAC092	28	32	4	1778	307	792	87	357	65	14.2	45	4.7	18.4	2.8	6.1	0.7	3	0.5	76	55	6
BRAC092	32	36	4	2520	486	1067	131	531	90	20.8	60	6.2	24.9	3.3	7	0.7	4	0.5	88	51	6
BRAC092	36	40	4	2506	438	1088	121	504	88	19.7	63	6.7	29.3	4.5	10.4	1.3	7	1	127	48	5
BRAC092	40	44	4	2023	324	780	89	366	65	14.6	54	6.2	32.6	6.2	17.6	2.4	14	2.3	250	29	3
BRAC092	44	48	4	1271	234	534	64	261	43	9.3	28	2.9	12.7	2	4.7	0.7	3	0.5	71	26	3
BRAC092	48	52	4	1122	208	475	58	231	40	8.8	25	2.6	11.9	1.7	4.4	0.5	3	0.4	53	60	3
BRAC092	52	56	4	1380	260	578	70	286	48	10.7	31	3.3	13.8	2.2	5	0.6	3	0.5	67	46	4
BRAC092	56	60	4	1370	255	582	70	281	49	10.6	32	3.2	13.8	2.1	4.8	0.5	3	0.4	64	30	3
BRAC092	60	64	4	1325	243	561	69	282	48	10.1	31	3.1	12.9	1.9	4.4	0.5	3	0.4	56	15	2
BRAC092	64	68	4	1585	306	680	81	326	53	11.7	34	3.5	14.2	2.2	5.2	0.6	3	0.5	64	17	2
BRAC092	68	72	4	1371	255	581	71	292	50	10.2	31	3	13.1	1.9	4.7	0.6	3	0.4	57	17	2
BRAC092	72	76	4	1362	255	577	71	289	47	10.6	30	3.1	12.7	2	4.6	0.5	3	0.3	58	14	2
BRAC092	76	80	4	1559	292	664	80	323	55	11.6	36	3.5	14.9	2.2	5.4	0.6	3	0.4	68	12	2
BRAC092	80	84	4	986	178	413	52	212	36	8.3	23	2.3	10	1.5	3.4	0.4	2	0.3	44	21	2
BRAC092	84	88	4	924	167	389	49	196	34	7.2	22	2.3	9	1.4	3.2	0.4	2	0.3	42	26	2

Hole	From m	To m	Interval m	TREO ppm	La_2O_3 ppm	CeO_2 ppm	Pr_6O_{11} ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_4O_7 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	Th ppm	U ppm
BRAC093	4	8	4	307	77	136	13	44	7	1.4	5	0.6	3.2	0.5	1.4	0.2	1	0.2	17	33	2
BRAC093	8	12	4	279	70	126	11	38	6	1.4	4	0.5	2.6	0.5	1.4	0.2	1	0.3	16	47	3
BRAC093	12	16	4	465	152	200	21	59	8	1.8	5	0.6	2.6	0.4	1.2	0.2	1	0.2	14	27	2
BRAC093	16	20	4	718	195	318	35	109	15	3.1	9	1	5.3	1	2.1	0.3	2	0.2	23	24	2
BRAC093	20	24	4	1118	274	524	54	168	23	5.6	16	1.6	8.8	1.5	3.5	0.4	2	0.3	35	33	4
BRAC093	24	28	4	1222	283	559	61	203	30	6.4	17	2	10.1	1.6	3.6	0.6	3	0.4	42	32	4
BRAC093	28	32	4	1358	287	483	85	305	47	10.8	30	3.5	16.2	2.8	6.7	0.7	4	0.6	75	32	3
BRAC093	32	36	4	529	115	186	33	113	18	4	12	1.5	7.2	1.1	2.7	0.3	2	0.2	34	37	2
BRAC093	36	40	4	880	173	375	49	178	28	5.9	16	1.9	8.8	1.3	3.4	0.4	3	0.3	38	41	4
BRAC093	40	44	4	1562	280	699	83	310	50	10.4	31	3.4	15.7	2.5	6.2	0.8	4	0.7	66	27	5
BRAC093	44	48	4	1280	237	564	68	252	39	9.2	25	3	13.8	2.2	5.6	0.7	4	0.5	57	20	4
BRAC093	48	52	4	1204	215	537	65	230	39	8.3	24	2.7	13	2.3	5.2	0.8	5	0.6	58	23	4
BRAC093	52	56	4	1183	198	559	61	213	35	7.6	22	2.4	12.5	2.2	5.5	0.7	5	0.8	59	22	4
BRAC093	56	60	4	1193	213	564	62	214	33	7.3	20	2.3	11.7	1.8	5	0.7	5	0.6	54	23	3
BRAC093	60	64	4	1255	228	582	67	233	35	8	22	2.5	12.5	2	4.6	0.6	4	0.5	54	22	3
BRAC093	64	68	4	1038	186	480	53	191	29	6.6	18	2.2	10.5	1.7	5.1	0.6	4	0.5	50	25	3
BRAC093	68	72	4	1221	226	572	64	222	34	7.4	20	2.2	11.5	1.8	4.6	0.6	4	0.5	51	23	4
BRAC093	72	76	4	1410	251	666	76	261	42	8	25	2.6	12.9	2.2	5.7	0.7	4	0.5	53	32	4
BRAC093	76	80	4	1277	230	609	68	230	34	7.6	21	2.4	12.2	1.9	4.9	0.7	4	0.4	52	24	4
BRAC093	80	84	4	1251	235	553	70	243	37	6.9	22	2.5	12.3	2.1	5.3	0.6	4	0.5	59	20	3
BRAC093	84	88	4	1535	301	598	92	326	51	10.6	31	3.6	18.3	3	7.4	0.9	5	0.7	86	20	4
BRAC093	88	92	4	1491	260	631	78	287	45	9.4	30	3.4	17.7	3.2	8.6	1.1	7	0.9	109	21	3
BRAC093	92	96	4	1087	201	475	58	210	32	6.9	20	2.5	11.2	1.9	4.8	0.6	4	0.5	58	16	2
BRAC094	4	8	4	146	72	28	9	24	3	0.6	2	0.2	1.1	0.1	0.5	0.1	0	0.1	6	33	1
BRAC094	8	12	4	792	199	447	31	83	9	1.6	5	0.5	2.9	0.4	0.9	0.1	1	0.1	11	32	1
BRAC094	12	16	4	1322	279	734	57	170	22	3.9	12	1.2	6.2	1.1	2.7	0.4	3	0.3	30	47	2
BRAC094	16	20	4	695	162	370	30	89	10	2	5	0.7	3.5	0.7	1.5	0.2	2	0.2	19	39	3
BRAC094	20	23	3	1062	244	554	51	153	18	2.8	9	1	4.8	0.8	1.7	0.3	2	0.2	22	35	3
BRAC095	12	16	4	426	35	292	10	37	8	1.9	6	0.9	5.2	1	2.8	0.4	3	0.4	23	62	4
BRAC095	16	20	4	300	85	122	16	47	6	1.4	4	0.5	2.6	0.5	1.5	0.2	1	0.2	13	37	2

Hole	From m	To m	Interval m	TREO ppm	La_2O_3 ppm	CeO_2 ppm	Pr_6O_{11} ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_4O_7 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	Th ppm	U ppm
BRAC095	20	24	4	325	135	79	23	64	7	1.9	3	0.3	1.7	0.3	0.7	0.2	1	0.1	9	40	1
BRAC095	24	28	4	544	216	134	37	112	12	3.4	6	0.6	3.3	0.5	1.3	0.2	1	0.1	16	51	1
BRAC095	28	32	4	454	130	208	22	62	7	2.5	4	0.5	2.4	0.4	1.2	0.1	1	0.1	13	37	1
BRAC095	32	36	4	648	189	270	35	111	12	3.3	5	0.5	3.3	0.4	1.6	0.2	2	0.3	15	29	2
BRAC095	36	40	4	1011	294	409	62	183	20	4.9	9	0.9	4.2	0.7	1.8	0.3	2	0.3	19	34	2
BRAC095	40	44	4	1190	325	530	60	189	20	6	12	1.3	6.5	1.2	2.7	0.4	3	0.4	33	36	3
BRAC095	44	48	4	847	216	393	40	127	14	4	9	1	5.6	1	2.8	0.4	3	0.4	31	35	3
BRAC095	48	52	4	888	231	377	41	137	16	4.3	12	1.5	7.6	1.7	4.1	0.6	4	0.7	51	30	3
BRAC095	52	56	4	1045	248	463	51	171	22	4.9	15	1.7	8.2	1.7	3.8	0.6	4	0.5	50	23	4
BRAC095	56	60	4	986	231	448	48	161	20	4.7	13	1.6	7.7	1.4	3.3	0.5	3	0.4	43	25	4
BRAC095	60	62	2	633	160	292	30	95	12	2.6	7	0.9	4.8	0.8	2	0.3	2	0.3	24	26	2
BRAC096	8	12	4	371	134	105	21	69	9	1.8	5	0.7	3.5	0.7	1.7	0.2	1	0.2	19	35	2
BRAC096	12	16	4	537	208	121	34	109	14	3.5	9	1	4.9	0.8	1.8	0.3	2	0.2	27	23	2
BRAC096	16	20	4	681	252	177	40	135	17	3.9	11	1.2	5.6	0.8	2.4	0.2	2	0.3	33	18	2
BRAC096	20	24	4	811	245	291	45	142	20	5	12	1.4	6.7	1.3	2.8	0.3	2	0.2	37	27	3
BRAC096	24	28	4	1386	369	452	83	285	41	9.8	28	3.3	16.1	2.8	6.3	0.8	4	0.5	85	25	4
BRAC096	28	32	4	1096	274	406	61	210	30	7.4	22	2.5	11.2	2.1	4.5	0.6	3	0.4	61	22	5
BRAC096	32	36	4	1111	304	462	53	170	23	5.7	16	1.8	9.5	1.8	4.5	0.5	3	0.5	57	29	5
BRAC096	36	40	4	1513	381	761	66	194	23	5.4	14	1.8	7.5	1.3	3.6	0.4	3	0.4	50	50	5
BRAC096	40	44	4	1617	340	865	73	226	29	6.3	18	2	9.1	1.5	3.6	0.4	3	0.4	41	28	8
BRAC096	44	48	4	1296	308	517	69	237	32	7.8	24	2.8	13	2.4	5.2	0.8	4	0.6	73	30	7
BRAC096	48	52	4	2476	645	740	161	562	81	17.6	53	6.4	30.7	5.3	12.6	1.6	9	1	150	30	8
BRAC096	52	56	4	1587	265	883	69	229	32	6.2	17	1.9	10.6	2	5.2	0.7	5	0.7	60	26	6
BRAC096	56	60	4	2769	296	1928	85	282	40	8.5	23	2.7	13	2.7	6.4	0.9	6	0.7	75	24	7
BRAC096	60	64	4	2159	313	1108	105	399	58	11.7	34	4.1	18.5	3.3	7.5	1.1	7	0.8	90	21	5
BRAC096	64	68	4	3819	487	1265	246	1139	173	34.4	96	10.5	51.1	9.7	24.6	4.2	33	4.9	241	14	4
BRAC096	68	72	4	942	208	426	46	167	24	4.2	14	1.5	5.7	1.1	2.8	0.4	3	0.4	39	21	2
BRAC097	8	12	4	573	191	207	31	96	12	3.3	7	0.9	3.8	0.7	1.5	0.2	1	0.2	18	34	2
BRAC097	12	16	4	547	191	246	24	61	6	2	3	0.4	1.9	0.4	0.7	0.1	1	0.1	10	39	2
BRAC097	16	20	4	955	298	443	44	118	13	4	7	0.8	3.6	0.6	1.2	0.2	1	0.1	20	47	2

Hole	From m	To m	Interval m	TREO ppm	La_2O_3 ppm	CeO_2 ppm	Pr_6O_{11} ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_4O_7 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	Th ppm	U ppm
BRAC097	20	24	4	960	258	474	44	125	15	4.4	8	1.1	4.4	0.8	1.7	0.2	2	0.2	22	42	3
BRAC097	24	28	4	1985	558	909	101	292	32	7.5	19	2	9.1	1.7	3.7	0.4	3	0.4	47	61	4
BRAC097	28	32	4	1598	326	693	83	296	44	10.4	28	3.4	15.7	2.9	6.3	0.8	4	0.5	86	53	6
BRAC097	32	36	4	4359	862	1596	256	1020	163	39.3	104	12.1	54.2	9	18.9	2.5	15	1.7	206	44	7
BRAC097	36	40	4	3556	528	1854	169	665	99	21.5	56	6	25.4	4.5	9.4	1.2	7	0.9	110	40	6
BRAC097	40	44	4	2440	314	1308	97	422	69	17	48	5.5	24.2	4.1	10.5	1.4	8	1.2	111	32	5
BRAC097	44	48	4	2240	339	1157	92	365	61	13.1	39	4.5	20.7	3.7	10.2	1.4	9	1.6	123	35	5
BRAC097	48	52	4	1567	300	653	76	298	50	10.2	31	3.5	16.1	2.9	7.6	1.1	7	1.1	109	19	4
BRAC097	52	56	4	1189	239	508	60	233	38	7.4	24	2.6	10.9	1.8	4.2	0.6	3	0.6	55	15	2
BRAC097	56	60	4	1082	231	467	54	206	32	6.8	20	2.2	9.3	1.5	4.1	0.4	3	0.4	46	11	2
BRAC097	60	62	2	1100	226	473	55	212	35	6.9	21	2.3	9.4	1.6	3.8	0.4	3	0.5	50	13	2
BRAC098	12	16	4	1564	283	750	77	281	46	9.2	29	3.4	14.8	2.5	5.8	0.6	3	0.4	59	25	2
BRAC098	16	20	4	1239	222	548	62	233	41	8.8	30	3.7	18	3	6.6	0.7	4	0.5	60	19	2
BRAC098	20	24	4	1554	253	777	72	271	46	8.7	27	2.8	12.8	2.2	6.4	0.9	7	1.1	67	18	6
BRAC098	24	28	4	3193	339	1891	134	499	80	14.8	43	5.2	24.7	4.2	11.3	1.6	11	1.5	133	17	13
BRAC098	28	32	4	2608	246	1578	102	392	64	12.9	36	4.7	23.3	4.2	11.7	1.5	11	1.5	120	16	18
BRAC098	32	36	4	1043	159	395	49	192	35	7.4	27	3.6	18.7	3.8	10.7	1.3	9	1.2	131	15	5
BRAC098	36	40	4	938	161	392	48	187	32	6.8	21	2.4	11.3	2.1	5.3	0.6	4	0.6	65	15	5
BRAC098	40	45	5	905	158	377	47	174	30	6.3	20	2.4	11.5	2.2	5.7	0.7	4	0.6	66	17	5
BRAC099	12	16	4	853	149	484	32	116	17	3.4	10	1.3	5.7	1	2.5	0.3	2	0.3	29	22	2
BRAC099	16	20	4	749	160	384	35	121	16	3.3	8	0.9	3.6	0.5	1.3	0.1	1	0.3	15	14	1
BRAC099	20	24	4	1317	242	629	68	240	37	7.2	19	2.3	10	1.8	4.8	0.5	4	0.6	52	16	4
BRAC099	24	28	4	991	168	397	50	192	33	7.1	24	3	14	2.8	6.9	0.9	6	0.8	86	17	2
BRAC099	28	32	4	906	166	383	46	172	29	6.1	19	2.3	10.6	2	5.1	0.6	4	0.6	60	18	2
BRAC099	32	36	4	867	160	365	44	167	29	5.7	18	2.1	10	1.7	4.9	0.6	4	0.5	56	16	2
BRAC099	36	40	4	843	152	352	44	168	29	5.3	17	2.2	9.9	1.7	4.3	0.6	4	0.5	53	14	2
BRAC099	40	44	4	860	169	362	43	161	27	5.7	18	2.1	10.2	1.8	4.3	0.5	3	0.5	51	16	3
BRAC099	44	48	4	741	147	317	37	135	24	4.9	16	2.1	8.5	1.7	3.8	0.6	3	0.5	42	14	2
BRAC100	8	12	4	31	7	10	1	4	1	0.1	1	0.1	0.7	0.2	0.5	0.1	1	0.1	5	27	1
BRAC100	12	16	4	77	21	31	4	12	2	0.3	1	0.1	0.9	0.2	0.6	0	1	0.1	4	31	1

Hole	From m	To m	Interval m	TREO ppm	La_2O_3 ppm	CeO_2 ppm	Pr_6O_{11} ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_4O_7 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	Th ppm	U ppm
BRAC100	16	20	4	943	213	446	47	153	22	4.2	12	1.5	6.9	1.2	2.9	0.3	2	0.3	30	15	2
BRAC100	20	24	4	1331	255	618	65	230	35	6.4	22	2.8	13.3	2.4	6.5	0.8	5	0.7	70	21	3
BRAC100	24	28	4	1489	341	707	67	226	32	5.9	20	2.4	12.1	2.2	5.7	0.7	4	0.6	62	10	3
BRAC100	28	32	4	1065	185	479	54	205	32	5.8	19	2.4	10.7	2	5.3	0.6	4	0.6	60	10	2
BRAC100	32	36	4	1161	208	524	60	224	32	6.8	22	2.5	12.3	2.3	5.2	0.7	4	0.5	57	10	3
BRAC100	36	40	4	777	185	354	35	122	17	3.8	11	1.3	6.5	1.2	3.1	0.4	2	0.4	35	13	3
BRAC100	40	44	4	935	246	435	41	135	18	4.1	10	1.1	6	1.1	2.8	0.3	2	0.3	33	23	2
BRAC100	44	48	4	321	79	143	14	50	7	2	4	0.5	2.7	0.5	1.4	0.1	1	0.2	17	9	1
BRAC100	48	52	4	441	101	198	20	68	9	2.7	7	0.8	4	0.8	2.7	0.3	2	0.4	26	9	2
BRAC100	52	56	4	851	149	349	43	156	26	5.4	19	2.2	12.2	2.5	6.8	0.9	6	0.9	74	8	3
BRAC100	56	60	4	869	151	359	45	161	25	5.6	19	2.4	12.1	2.3	5.9	0.9	5	0.6	75	7	4
BRAC100	60	64	4	411	91	188	20	64	9	1.9	6	0.8	3.7	0.7	1.9	0.3	2	0.3	22	32	4
BRAC100	64	67	3	652	115	275	34	123	19	4.6	13	1.6	9.1	1.7	4.4	0.6	3	0.5	47	10	2
BRAC101	8	12	4	71	11	34	3	9	2	0.5	1	0.2	1.2	0.3	1.2	0.1	1	0.2	7	27	3
BRAC101	12	16	4	35	8	13	2	5	1	0.2	1	0.1	0.8	0.2	0.6	0.1	1	0.1	4	21	2
BRAC101	16	20	4	41	11	15	2	5	1	0.2	1	0.1	0.7	0.2	0.5	0.1	1	0.1	4	20	1
BRAC101	20	24	4	49	17	18	2	6	1	0.3	1	0.1	0.5	0.1	0.4	0.1	1	0.1	3	13	1
BRAC101	24	28	4	162	55	74	7	18	2	1.1	1	0.1	0.7	0.1	0.3	0	0	0.1	3	22	1
BRAC101	28	32	4	408	121	192	18	55	6	2	3	0.4	2.1	0.3	0.7	0.1	1	0.1	7	15	1
BRAC101	32	35	3	459	97	208	22	73	11	3.5	8	1	4.8	0.9	2.3	0.3	2	0.3	26	9	1
BRAC102	24	28	4	60	13	28	2	8	1	0.3	1	0.1	0.7	0.1	0.5	0.1	1	0.1	4	27	3
BRAC102	28	32	4	813	352	172	60	168	18	5.5	9	0.9	3.9	0.6	1.7	0.3	2	0.2	21	41	2
BRAC102	32	36	4	1489	521	454	105	307	31	8.8	15	1.5	6.9	1.1	3	0.4	2	0.4	32	35	3
BRAC102	36	40	4	707	172	335	37	113	12	4.2	7	0.7	3.7	0.6	1.5	0.2	2	0.2	19	18	3
BRAC102	40	44	4	1715	385	764	94	307	39	8.8	26	2.7	13.1	2.1	5.2	0.7	4	0.6	65	31	5
BRAC102	44	48	4	1088	277	502	52	166	19	4.9	12	1.2	6.7	1.1	2.8	0.4	3	0.4	39	50	5
BRAC102	48	52	4	552	152	265	25	74	8	2.6	5	0.5	2.5	0.4	1.2	0.2	1	0.2	14	41	4
BRAC102	52	56	4	326	96	151	15	43	4	2.1	2	0.3	1.5	0.3	0.8	0.1	1	0.1	9	24	2
BRAC102	56	58	2	310	87	146	14	42	4	1.9	3	0.3	1.6	0.3	0.9	0.1	1	0.1	9	23	2
BRAC103	16	20	4	1797	231	1320	45	131	16	3.3	10	1.3	6.9	1.1	2.6	0.4	3	0.4	26	35	3

Hole	From m	To m	Interval m	TREO ppm	La_2O_3 ppm	CeO_2 ppm	Pr_6O_{11} ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_4O_7 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	Th ppm	U ppm
BRAC103	20	24	4	1710	517	678	95	282	39	8.2	23	2.5	11.4	1.8	4.2	0.5	3	0.5	44	38	4
BRAC103	24	28	4	1373	423	519	81	238	32	6.5	18	2	8.7	1.4	3.2	0.4	3	0.4	36	33	4
BRAC103	28	32	4	199	67	60	7	22	3	1.1	4	0.7	3.3	0.7	1.9	0.2	1	0.2	28	17	3
BRAC103	32	36	4	493	161	231	19	54	7	1.5	3	0.4	2.1	0.4	0.9	0.1	1	0.1	11	40	3
BRAC103	36	40	4	858	234	430	38	107	13	2.5	7	0.8	4.1	0.6	1.6	0.3	2	0.3	19	37	3
BRAC103	40	44	4	1000	250	518	45	128	16	3.2	8	1	4.7	0.7	2.1	0.3	2	0.2	21	25	4
BRAC103	44	48	4	996	207	533	46	139	18	3.5	9	1.1	5.9	1	2.7	0.4	2	0.2	27	23	5
BRAC103	48	52	4	1742	364	874	85	272	35	7.4	20	2.4	12.3	2.1	4.9	0.7	4	0.5	58	19	4
BRAC103	52	56	4	818	192	387	39	124	16	4.1	10	1.2	6.2	1.1	2.7	0.4	2	0.3	32	21	2
BRAC103	56	60	4	1322	287	569	61	216	30	6.8	23	2.9	15.4	2.9	8	1.1	7	1.2	92	19	3
BRAC103	60	64	4	1174	250	502	52	200	29	5.5	19	2.2	13.7	2.5	6.6	0.9	6	0.8	85	17	4
BRAC103	64	67	3	911	197	400	44	151	24	4.2	15	1.9	9.9	2	4.5	0.7	4	0.5	53	14	2
BRAC104	16	20	4	57	14	21	2	8	1	0.3	1	0.2	1.2	0.2	0.7	0.1	1	0.2	7	30	2
BRAC104	20	24	4	69	8	41	2	5	1	0.4	1	0.2	1.5	0.3	0.9	0.1	1	0.1	6	37	2
BRAC104	24	28	4	218	10	164	3	9	3	1	3	0.7	4.6	0.8	2	0.3	2	0.3	15	37	3
BRAC104	28	32	4	1070	290	458	54	172	21	4.4	13	1.6	7.5	1.6	4	0.5	3	0.4	40	21	3
BRAC104	32	36	4	416	119	169	21	68	9	1.3	5	0.6	2.6	0.5	1.5	0.2	1	0.2	17	47	3
BRAC104	36	40	4	672	149	339	31	97	14	1.9	8	1	4.7	0.8	1.9	0.2	1	0.2	23	62	3
BRAC104	40	44	4	1743	439	839	88	260	33	5.3	17	2.2	10.1	1.6	3.5	0.4	3	0.3	43	60	4
BRAC104	44	48	4	1495	394	700	71	223	29	4.9	16	2	9.1	1.7	3.5	0.4	2	0.4	38	47	4
BRAC104	48	52	4	698	178	330	35	105	14	2.7	7	0.8	3.9	0.6	1.2	0.2	1	0.2	19	31	3
BRAC104	52	54	2	759	185	352	37	123	17	2.9	9	1.1	4.9	0.8	2.2	0.2	1	0.2	23	29	2
BRAC105	16	20	4	40	11	15	2	5	1	0.2	1	0.1	0.6	0.1	0.5	0.1	1	0.1	4	10	2
BRAC105	20	24	4	56	13	24	2	7	1	0.3	1	0.1	1	0.3	0.6	0.1	1	0.1	5	18	2
BRAC105	24	28	4	153	13	99	3	13	3	0.9	3	0.4	2.5	0.6	1.6	0.3	2	0.3	11	48	2
BRAC105	28	32	4	231	15	174	3	12	3	0.9	3	0.6	3	0.7	1.3	0.2	1	0.3	12	46	2
BRAC105	32	36	4	1745	265	1065	47	174	28	7.1	27	3.7	18.9	3.5	8.5	1	6	0.8	90	56	4
BRAC105	36	40	4	6138	1607	2481	341	1161	152	28.8	89	9	40.3	6.8	15.3	1.8	10	1.3	196	49	4
BRAC105	40	44	4	2695	630	1200	140	463	62	12.8	35	4.1	19.1	3.4	8.2	1.1	6	0.9	110	45	3
BRAC105	44	48	4	1862	406	842	98	338	46	9.4	25	3	14.5	2.4	5.8	0.8	4	0.7	66	36	3

Hole	From m	To m	Interval m	TREO ppm	La_2O_3 ppm	CeO_2 ppm	Pr_6O_{11} ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_4O_7 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	Th ppm	U ppm
BRAC105	48	52	4	1684	391	775	83	281	37	8	22	2.7	12.5	2.2	5.2	0.7	3	0.6	61	37	3
BRAC105	52	56	4	1286	317	592	62	208	28	5.4	17	2.1	9	1.6	3.8	0.4	2	0.4	37	28	3
BRAC105	56	60	4	1178	264	539	58	204	26	5.4	17	1.8	8.8	1.6	4.3	0.5	3	0.4	46	30	3
BRAC105	60	64	4	986	227	446	49	164	22	4.5	14	1.6	7.5	1.5	3.9	0.5	3	0.5	41	28	2
BRAC105	64	69	5	1107	265	516	53	178	22	4.4	13	1.6	7.4	1.4	3.2	0.5	3	0.4	39	27	2
BRAC106	12	16	4	197	43	83	8	28	5	1.1	3	0.5	3.2	0.7	2	0.3	2	0.4	18	20	4
BRAC106	16	20	4	225	54	85	9	31	6	1.5	5	0.7	4.3	0.9	2.4	0.4	3	0.5	22	35	5
BRAC106	20	24	4	268	32	193	5	15	3	0.8	2	0.4	2.3	0.5	1.4	0.3	2	0.3	11	39	3
BRAC106	24	28	4	375	29	296	6	22	4	1.1	3	0.3	2.1	0.4	1.4	0.2	1	0.3	9	29	3
BRAC106	28	32	4	887	59	700	16	63	12	2.4	7	0.9	4.7	0.8	2	0.3	2	0.3	16	36	4
BRAC106	32	36	4	829	243	355	37	119	17	3.8	11	1.5	7	1.2	2.5	0.4	3	0.3	28	34	4
BRAC106	36	40	4	1642	406	688	90	301	44	9.1	25	2.9	14.6	2.1	4.7	0.4	3	0.4	52	41	4
BRAC106	40	44	4	2078	439	892	110	408	65	12.4	40	4.3	18.8	2.9	6	0.8	4	0.5	76	60	4
BRAC106	44	48	4	3536	640	1504	187	693	115	26.5	80	9.3	42.8	7.1	16.1	2.2	13	1.6	198	55	6
BRAC106	48	52	4	1484	312	629	72	240	36	10	28	3.4	16.6	3.2	8.2	1.2	7	1	117	24	3
BRAC106	52	56	4	1829	375	799	96	331	48	11.9	32	3.7	17.5	3.1	7	1	6	0.8	97	25	5
BRAC106	56	60	4	1148	219	484	63	225	35	7.7	23	2.6	12.7	2.2	5.2	0.7	4	0.6	64	15	5
BRAC106	60	63	3	766	154	329	40	134	22	6.3	14	1.7	8.4	1.6	3.7	0.5	3	0.5	47	8	3
BRAC107	12	16	4	210	56	78	10	31	5	1.2	4	0.5	2.7	0.6	1.5	0.2	2	0.2	18	25	3
BRAC107	16	20	4	146	44	55	7	21	3	0.7	2	0.4	1.7	0.4	1	0.2	1	0.2	9	27	3
BRAC107	20	24	4	492	141	194	29	82	10	2.2	6	0.8	3.6	0.7	1.7	0.2	2	0.3	20	25	3
BRAC107	24	28	4	1618	344	711	85	281	43	9.4	29	3.4	14.8	2.7	6	0.8	5	0.6	84	32	4
BRAC107	28	32	4	1779	344	803	91	318	51	11.7	35	4.1	18.5	3	6.8	0.8	4	0.5	88	26	4
BRAC107	32	36	4	1728	310	823	89	309	48	10	30	3.3	16.2	2.9	6	0.7	4	0.4	76	25	3
BRAC107	36	40	4	835	142	376	43	147	23	5	15	1.9	9.4	1.9	4.7	0.6	4	0.5	62	32	4
BRAC107	40	44	4	1298	219	561	74	260	39	9	28	3.3	14.2	2.5	6	0.9	6	0.9	76	23	5
BRAC107	44	48	4	1466	207	592	81	302	51	11.4	36	4.8	23.3	4.2	11.1	1.6	10	1.3	130	20	6
BRAC107	48	52	4	1144	159	436	57	207	36	8.6	31	4	21.1	4.4	11	1.6	10	1.5	156	18	4
BRAC107	52	54	2	942	144	392	48	194	34	6.5	22	2.6	12.3	2.2	5.5	0.8	5	0.6	73	16	3
BRAC108	8	12	4	239	43	98	12	41	7	1.7	5	0.7	3.6	0.7	1.9	0.3	2	0.3	22	20	2

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BRAC108	12	16	4	198	56	67	10	32	5	1	4	0.5	2.4	0.6	1.5	0.2	2	0.3	18	22	4
BRAC108	16	20	4	121	26	49	5	16	3	0.7	2	0.3	2.1	0.4	1.3	0.2	2	0.2	13	23	4
BRAC108	20	24	4	107	27	40	5	14	2	0.6	2	0.3	1.7	0.4	1.1	0.2	1	0.2	10	28	4
BRAC108	24	28	4	286	103	98	15	40	6	1.2	4	0.4	2.5	0.5	1.4	0.2	2	0.2	13	42	4
BRAC108	28	32	4	953	343	351	54	137	17	3.4	10	1.2	5.6	1	2.4	0.3	2	0.3	26	46	4
BRAC108	32	36	4	1559	353	755	78	239	34	7.2	21	2.3	10.8	1.9	4	0.6	3	0.4	50	41	3
BRAC108	36	40	4	1550	308	766	77	247	36	8	24	2.7	12.1	2.1	4.5	0.6	3	0.4	59	37	3
BRAC108	40	44	4	972	180	486	46	145	23	4.6	15	1.7	8.3	1.5	3.7	0.4	3	0.4	54	56	3
BRAC108	44	48	4	1540	278	734	80	269	42	9.5	27	3	13.5	2.5	5.7	0.8	6	0.7	69	26	6
BRAC108	48	52	4	1641	283	759	85	297	48	10.4	32	3.9	17.4	3	7.4	1	6	0.9	87	25	6
BRAC108	52	56	4	1780	311	763	92	325	52	12.1	39	4.8	22.3	3.9	10.6	1.6	10	1.3	132	26	6
BRAC108	56	60	4	1337	244	587	69	237	36	8.4	26	3.1	15.1	2.9	6.7	1	6	0.9	95	20	4
BRAC108	60	64	4	1101	195	484	60	205	32	7.4	22	2.6	11.9	2.2	5.6	0.8	5	0.6	67	17	4
BRAC108	64	67	3	1132	199	499	62	212	33	7.7	23	2.7	12.5	2.2	5	0.8	5	0.7	69	17	4
BRAC109	16	20	4	135	40	54	6	18	3	0.5	2	0.3	1.7	0.3	1	0.2	1	0.2	8	25	3
BRAC109	20	24	4	935	283	384	47	141	19	3.8	12	1.4	7	1.1	3.1	0.4	2	0.3	32	53	3
BRAC109	24	28	4	1716	418	738	88	296	45	9.1	26	3.2	14.9	2.4	6.1	0.8	4	0.5	64	72	4
BRAC109	28	32	4	1825	389	742	104	375	58	11.7	35	4.2	19.1	2.7	6.1	0.7	3	0.4	74	44	3
BRAC109	32	36	4	739	137	344	39	145	23	5.2	15	1.6	6.4	0.8	1.9	0.2	1	0.2	20	28	2
BRAC109	36	40	4	1192	231	539	61	220	35	7.5	24	2.9	13.9	2	4.8	0.6	3	0.4	48	27	5
BRAC109	40	44	4	1333	230	696	58	206	32	7.1	22	2.5	12.7	2.1	5.3	0.6	4	0.4	55	35	5
BRAC109	44	48	4	1606	271	771	78	288	45	9.8	28	3.5	17.2	2.7	7	0.9	5	0.8	78	33	6
BRAC109	48	52	4	1912	312	890	98	365	58	12.4	36	4.6	21.6	3.5	9	1.3	8	1	92	29	9
BRAC109	52	56	4	1635	259	747	83	315	53	12.2	34	4.2	19.6	3.2	8.6	1.2	9	1.3	87	24	7
BRAC109	56	60	4	1557	272	691	76	279	47	10.9	32	4	19.5	3.6	9.2	1.4	9	1.3	101	34	5
BRAC109	60	62	2	1831	378	790	87	316	45	10.4	32	3.9	20.1	3.6	10.2	1.5	9	1.3	124	35	4
BRAC110	12	16	4	454	139	167	25	79	10	2.1	7	0.8	3.8	0.6	1.5	0.2	1	0.2	18	38	2
BRAC110	16	20	4	440	150	155	25	73	9	1.5	5	0.6	2.7	0.5	1.2	0.2	1	0.2	16	40	1
BRAC110	20	24	4	1148	318	463	64	202	28	5.5	17	1.9	8.3	1.2	3	0.4	2	0.3	34	40	2
BRAC110	24	28	4	1993	490	892	108	343	45	8.9	26	3.2	13.5	2	4.8	0.6	3	0.4	53	35	4

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BRAC110	28	32	4	2112	496	909	116	381	55	11	35	4.1	18.9	2.8	6.4	0.8	4	0.5	72	34	5
BRAC110	32	36	4	2621	563	1217	139	466	68	13	40	4.7	20.7	3.1	7	0.8	5	0.6	74	34	8
BRAC110	36	40	4	2950	472	1609	132	473	72	14.9	44	5.3	24.3	3.7	8.5	1.1	6	0.9	84	28	7
BRAC110	40	44	4	1693	280	868	80	288	45	8.9	25	3.1	15.1	2.3	6	0.9	6	0.9	64	29	7
BRAC110	44	48	4	1955	289	847	92	349	59	13	46	5.8	30.1	5.6	15.6	2.2	16	2.3	185	22	9
BRAC110	48	51	3	1410	210	554	65	241	41	8.9	34	4.8	26.4	5	15.4	2.2	14	2.3	187	19	6
BRAC111	12	16	4	775	226	270	46	150	22	4.6	14	1.6	6.6	1.1	2.1	0.3	2	0.2	29	21	3
BRAC111	16	20	4	815	213	332	42	133	21	4.3	14	1.5	7.8	1.3	3.3	0.4	2	0.3	40	28	3
BRAC111	20	24	4	1173	294	506	62	198	25	5.6	16	1.9	9.8	1.6	4	0.5	3	0.3	46	27	1
BRAC111	24	28	4	343	112	158	16	42	4	1.2	2	0.2	1.2	0.2	0.5	0.1	0	0.1	6	25	1
BRAC111	28	32	4	466	131	212	24	71	8	2.1	4	0.6	2.1	0.4	0.8	0.1	1	0.1	9	27	1
BRAC111	32	37	5	824	174	398	38	131	19	4.4	12	1.5	6.7	1.2	3.3	0.5	3	0.4	33	23	1
BRAC112	16	20	4	368	50	228	12	42	8	1.9	5	0.7	3.6	0.6	1.6	0.2	1	0.3	14	27	3
BRAC112	20	24	4	428	171	123	26	77	8	1.5	5	0.6	2.6	0.4	1	0.1	1	0.1	12	18	1
BRAC112	24	28	4	484	192	123	31	95	11	2	6	0.8	3.4	0.6	1.3	0.2	1	0.1	17	18	1
BRAC112	28	32	4	802	224	245	49	173	24	4.9	17	1.9	10.3	1.7	3.6	0.5	3	0.4	45	17	2
BRAC112	32	36	4	2126	439	982	107	374	51	9.4	32	4	20.3	3.4	8	1	6	0.7	89	13	2
BRAC112	36	40	4	1176	226	554	58	194	30	5.3	17	2.1	11.6	1.9	5.6	0.7	5	0.7	66	18	2
BRAC112	40	44	4	412	101	181	20	61	8	2.2	5	0.6	3.4	0.7	2	0.3	2	0.3	24	18	1
BRAC112	44	48	4	378	98	177	18	51	5	1.6	3	0.4	2.4	0.5	1.3	0.3	2	0.3	18	26	1
BRAC112	48	52	4	340	92	145	17	51	6	1.6	4	0.5	2.5	0.5	1.4	0.2	1	0.2	17	26	1
BRAC112	52	56	4	255	75	115	13	36	4	1.2	2	0.2	1.1	0.2	0.7	0.1	1	0.1	8	26	1
BRAC112	56	58	2	215	60	104	10	28	3	1	2	0.2	0.8	0.2	0.5	0.1	0	0.1	6	28	1
BRAC113	12	16	4	88	43	19	6	15	2	0.5	1	0.1	0.4	0.1	0.2	0	0	0	2	15	1
BRAC113	16	20	4	93	42	27	5	13	1	0.6	1	0.1	0.5	0.1	0.2	0	0	0	2	25	1
BRAC113	20	24	4	90	28	43	4	10	1	0.7	1	0.1	0.5	0.1	0.2	0	0	0	2	27	1
BRAC113	24	28	4	51	18	19	2	7	1	0.6	1	0.1	0.5	0.1	0.2	0	0	0	2	23	1
BRAC113	28	32	4	93	49	19	5	14	1	0.6	1	0.1	0.6	0.1	0.3	0	0	0	3	23	1
BRAC113	32	36	4	135	67	34	8	18	2	0.8	1	0.1	0.6	0.1	0.3	0	0	0	3	31	1
BRAC113	36	40	4	156	65	47	9	24	3	0.9	2	0.2	1	0.1	0.4	0.1	0	0.1	4	31	2

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BRAC113	40	44	4	114	46	34	7	18	2	1	2	0.2	0.9	0.1	0.3	0	0	0	4	29	1
BRAC113	44	48	4	118	41	46	6	17	2	1.1	1	0.1	0.6	0.1	0.3	0	0	0	3	17	1
BRAC113	48	52	4	143	53	51	8	21	2	1	1	0.1	0.7	0.1	0.3	0	0	0.1	4	17	1
BRAC113	52	56	4	504	191	141	37	101	12	2.4	5	0.5	2.4	0.4	1	0.1	1	0.1	10	28	3
BRAC113	56	60	4	2573	466	1621	93	279	33	6.5	16	1.7	8.4	1.4	3.5	0.5	3	0.4	41	36	5
BRAC113	60	64	4	3086	453	1959	124	384	51	11.5	24	2.7	13	2	5.1	0.7	4	0.6	52	30	7
BRAC114	12	16	4	287	61	154	13	39	5	1.1	2	0.3	1.4	0.3	0.7	0.1	1	0.1	7	19	1
BRAC114	16	20	4	663	238	230	42	109	12	2.4	6	0.8	4.1	0.6	1.4	0.2	1	0.1	16	27	2
BRAC114	20	24	4	842	246	383	41	110	14	3.2	9	1	5.4	0.8	1.9	0.2	1	0.2	26	45	2
BRAC114	24	28	4	1404	432	577	74	202	27	5.9	18	2.1	11.1	1.7	4.1	0.5	2	0.4	47	42	3
BRAC114	28	32	4	839	236	394	36	108	13	3.2	8	1	5.2	0.9	2.5	0.2	2	0.2	30	41	3
BRAC114	32	36	4	720	214	336	35	90	11	2.3	6	0.8	3.8	0.6	1.6	0.2	1	0.2	17	43	2
BRAC114	36	40	4	709	188	345	35	94	12	2.5	7	0.8	3.9	0.7	1.5	0.2	1	0.2	18	41	3
BRAC114	40	44	4	945	256	452	46	127	17	3.4	9	1.1	5.6	0.8	2.1	0.3	2	0.2	25	47	4
BRAC114	44	48	4	896	242	411	45	127	16	3.3	9	1.2	6.1	1	2.7	0.3	2	0.3	30	43	4
BRAC114	48	52	4	669	201	279	34	96	14	2.8	8	0.9	5	0.8	2.1	0.3	2	0.3	25	39	3
BRAC114	52	56	4	859	270	352	45	125	16	3.3	9	1.2	6.1	0.9	2.3	0.3	2	0.3	27	44	4
BRAC114	56	60	4	895	267	365	48	135	19	3.8	11	1.2	6.5	1.1	2.7	0.4	2	0.3	33	44	4
BRAC114	60	64	4	1327	335	534	64	219	32	7.1	23	3	14.4	2.6	6.5	0.8	4	0.6	81	43	4
BRAC114	64	68	4	2148	460	1097	88	309	44	9.4	29	3.6	16.8	2.7	6.7	0.8	4	0.6	77	49	5
BRAC114	68	72	4	4135	490	3070	92	307	41	8.2	24	3	13.7	2.5	5.8	0.8	4	0.6	74	48	4
BRAC114	72	76	4	3276	563	1854	126	448	64	12.2	37	4.4	21.6	3.8	10.4	1.4	8	1.4	120	42	4
BRAC114	76	80	4	4069	854	1517	239	919	129	23.9	70	8.1	41	7.2	19.9	2.9	18	2.9	218	38	4
BRAC114	80	82	2	1218	255	589	58	200	28	5.1	15	1.8	8.7	1.5	4	0.5	3	0.5	48	28	4
BRAC115	8	12	4	668	190	219	36	127	21	5.3	12	1.6	7.5	1.4	3.2	0.4	2	0.4	42	17	2
BRAC115	12	16	4	1321	371	468	71	239	38	8.3	24	2.9	13.5	2.3	5.9	0.8	4	0.5	73	23	2
BRAC115	16	20	4	1347	303	558	65	243	36	9.9	22	2.8	12.9	2.4	6.8	1	6	1.1	79	21	2
BRAC115	20	24	4	2028	339	1271	69	229	32	7.5	18	2.3	10.4	1.6	4	0.6	3	0.5	41	34	3
BRAC115	24	28	4	1805	297	861	85	321	54	11.6	35	4.5	21.5	3.3	8.5	1	5	0.7	97	38	4
BRAC115	28	32	4	1495	244	722	72	266	43	9.4	28	3.4	16.1	2.6	6.7	0.9	5	0.8	76	30	6

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BRAC115	32	36	4	1315	232	609	63	233	40	8.7	24	2.9	14.1	2.3	6.1	0.9	5	0.8	74	33	7
BRAC115	36	40	4	1317	246	565	62	230	37	8.2	28	3.5	16.9	3.1	8.1	1.1	6	1	101	30	7
BRAC116	8	12	4	137	34	48	7	24	4	0.8	2	0.4	2	0.4	1.1	0.1	1	0.2	12	17	2
BRAC116	12	16	4	530	144	196	28	96	14	3.5	9	1.1	5.1	0.8	2.2	0.3	2	0.2	28	27	2
BRAC116	16	20	4	576	185	222	29	90	13	3.3	7	0.9	3.8	0.7	1.6	0.2	1	0.1	20	25	2
BRAC116	20	24	4	465	171	177	22	64	8	2.7	5	0.5	2.5	0.4	0.9	0.1	1	0.1	11	23	1
BRAC116	24	28	4	1079	316	463	50	159	24	4.9	14	1.7	7.6	1.2	3	0.4	2	0.3	32	45	5
BRAC116	28	32	4	867	313	317	43	125	16	4.8	10	1.2	5.6	1	2.3	0.3	2	0.3	28	33	3
BRAC116	32	36	4	650	215	246	31	93	14	4.2	9	1.2	5.3	0.9	2.3	0.3	2	0.3	27	30	4
BRAC116	36	40	4	2173	592	689	113	416	66	15.4	45	5.7	28.5	5.2	13.8	1.8	10	1.3	171	30	5
BRAC116	40	44	4	2698	589	1153	131	485	72	16.6	44	5.6	25	4.5	11.9	1.7	10	1.4	148	24	4
BRAC116	44	48	4	2006	384	844	98	385	61	14.3	40	4.8	23.2	4.1	11.5	1.5	9	1.2	126	21	4
BRAC116	48	52	4	1852	316	759	87	337	60	13.2	44	5.6	28.4	5	14.1	1.9	12	1.8	168	27	6
BRAC116	52	56	4	829	118	349	36	142	27	5.7	20	2.7	14.3	2.7	7.5	1.1	7	1.1	97	18	3
BRAC116	56	58	2	1940	284	685	84	331	61	13.9	52	7.4	41.3	8.3	25.6	3.9	26	4.5	312	26	5
BRAC117	12	16	4	117	31	42	5	20	3	0.6	2	0.3	1.4	0.3	0.9	0.1	1	0.1	11	13	1
BRAC117	16	20	4	66	19	25	3	10	2	0.3	1	0.2	0.8	0.2	0.5	0.1	1	0.1	5	15	1
BRAC117	20	24	4	155	41	71	6	18	3	0.7	2	0.3	1.8	0.3	1	0.1	1	0.2	8	40	4
BRAC117	24	28	4	232	42	97	11	41	10	2.3	6	0.9	4.4	0.7	2	0.3	2	0.3	13	48	8
BRAC117	28	32	4	314	92	131	15	45	7	1.5	4	0.6	3	0.5	1.5	0.2	2	0.3	11	50	6
BRAC117	32	36	4	2926	861	1467	138	351	34	6	15	1.8	8.4	1.3	3.3	0.4	3	0.4	35	53	5
BRAC117	36	40	4	3601	915	1738	175	535	69	12.6	35	4.1	18.8	2.9	6.9	0.9	5	0.6	84	53	4
BRAC117	40	44	4	1972	348	901	97	371	59	12.4	34	4.1	21.1	3.1	9	1.1	8	0.8	103	39	8
BRAC117	44	48	4	1835	292	868	95	351	56	12.9	36	4.2	19.1	3	7.5	1	6	0.9	83	27	7
BRAC117	48	52	4	2408	373	1044	127	494	80	18.9	55	6.8	30.7	4.9	12.3	1.6	11	1.6	148	29	8
BRAC117	52	56	4	1855	284	743	87	331	59	15.1	52	6.6	33.1	6	15.8	2.2	13	1.9	206	26	7
BRAC117	56	60	4	1488	255	618	78	292	48	12	38	4.7	20.5	3.5	8.6	1	6	0.9	104	25	5
BRAC117	60	63	3	1361	235	565	71	267	46	11.1	34	4.2	18.9	3.1	7.6	1	6	0.8	92	23	4
BRAC118	4	8	4	520	94	276	21	69	11	2.2	8	1	5.2	0.9	2.4	0.3	2	0.3	28	26	2
BRAC118	8	12	4	302	124	85	19	53	5	0.9	3	0.3	1.6	0.3	0.7	0.1	1	0.1	10	30	2

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BRAC118	12	16	4	335	100	159	14	42	4	0.8	2	0.3	1.6	0.3	0.8	0.1	1	0.1	10	28	2
BRAC118	16	20	4	637	181	295	32	91	11	2.2	6	0.8	3.6	0.6	1.3	0.2	1	0.2	13	38	3
BRAC118	20	24	4	497	79	330	15	47	6	1.2	3	0.5	2.3	0.3	1	0.2	1	0.2	10	32	2
BRAC118	24	28	4	134	32	62	6	19	3	0.6	2	0.2	1.4	0.2	0.8	0.1	1	0.1	6	28	2
BRAC118	28	32	4	125	59	36	6	16	2	0.6	1	0.1	0.7	0.1	0.4	0.1	0	0.1	3	25	1
BRAC118	32	36	4	267	113	100	12	31	3	1.2	2	0.2	0.8	0.1	0.4	0.1	0	0.1	4	35	1
BRAC118	36	40	4	1079	172	771	25	78	9	3	5	0.6	2.4	0.4	0.9	0.1	1	0.1	11	34	2
BRAC118	40	44	4	1138	127	837	25	89	12	4	8	1	5.2	0.8	2.1	0.3	2	0.3	26	15	3
BRAC118	44	48	4	563	110	344	18	56	6	2.7	4	0.5	2.1	0.5	1.1	0.2	1	0.2	15	21	2
BRAC118	48	52	4	632	182	302	29	82	8	3.1	4	0.5	2.5	0.5	1.2	0.2	1	0.2	17	33	2
BRAC118	52	56	4	561	182	229	30	85	8	3.3	4	0.4	2	0.4	1.1	0.2	1	0.2	14	25	1
BRAC118	56	60	4	604	196	253	30	90	8	3.5	5	0.5	2.3	0.4	1.1	0.1	1	0.2	13	21	1
BRAC118	60	64	4	438	140	216	18	48	4	1.8	2	0.2	0.8	0.2	0.6	0.1	1	0.1	7	22	2
BRAC118	64	68	4	289	83	136	13	39	4	1.6	2	0.3	1.4	0.2	0.7	0.1	1	0.1	8	8	2
BRAC119	16	20	4	616	199	271	28	82	9	1.9	5	0.6	3	0.5	1	0.2	1	0.1	14	30	2
BRAC119	20	24	4	992	195	578	40	121	16	3.9	9	1.2	5.4	0.9	1.8	0.2	2	0.2	19	34	3
BRAC119	24	28	4	530	87	333	20	59	8	1.9	5	0.6	3.2	0.5	1.4	0.2	2	0.2	10	30	4
BRAC119	28	32	4	93	21	41	5	16	2	0.5	1	0.2	1	0.2	0.3	0.1	1	0.1	4	15	1
BRAC119	32	36	4	138	39	66	7	19	2	0.6	1	0.2	0.7	0.1	0.4	0	0	0.1	3	19	1
BRAC120	20	24	4	1674	521	744	78	222	24	5.3	16	2	9.1	1.5	3.5	0.4	2	0.3	46	37	2
BRAC120	24	28	4	684	189	306	36	107	13	2.8	7	0.8	4.2	0.6	1.6	0.2	1	0.2	15	40	3
BRAC120	28	32	4	197	56	88	9	28	3	0.8	2	0.2	1.3	0.2	0.7	0.1	1	0.1	7	24	2
BRAC120	32	36	4	1056	274	528	50	146	15	3.6	8	1	4.2	0.7	1.8	0.3	2	0.2	21	39	3
BRAC120	36	40	4	1398	365	701	63	182	21	4.9	12	1.5	7.4	1.1	2.8	0.4	2	0.3	34	22	3
BRAC120	40	44	4	919	225	445	41	135	16	3.3	9	1.2	5.2	1.1	2.7	0.4	2	0.4	32	24	3
BRAC120	44	48	4	836	206	408	39	120	15	3	8	1	4.4	0.9	2.4	0.3	2	0.3	27	25	3
BRAC120	48	51	3	771	205	391	34	100	11	2.7	5	0.6	2.8	0.5	1.3	0.2	1	0.2	16	23	2
BRAC121	20	24	4	1297	473	507	62	179	20	3.8	11	1.4	6	0.9	2.3	0.3	2	0.3	29	47	3
BRAC121	24	28	4	1036	310	441	52	157	20	3.9	11	1.3	6.3	1	2.3	0.3	2	0.3	29	47	4
BRAC121	28	32	4	499	139	200	27	86	12	2.2	7	0.8	3.8	0.7	1.6	0.2	2	0.2	19	40	5

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BRAC121	32	36	4	725	177	352	32	100	14	2.6	9	1.1	5.2	1	2.3	0.3	2	0.2	28	32	3
BRAC121	36	40	4	453	84	254	18	59	8	1.6	5	0.6	3.1	0.6	1.6	0.2	1	0.2	17	28	4
BRAC121	40	44	4	1187	185	729	48	154	21	3.8	10	1.2	5.4	0.9	2	0.3	2	0.2	24	39	7
BRAC121	44	48	4	2024	404	1024	94	332	47	8.4	26	3	13.8	2.3	5.6	0.7	5	0.6	59	32	6
BRAC121	48	52	4	1157	200	554	52	189	28	5.5	19	2.3	12.3	2.3	6.6	1	7	1	78	23	4
BRAC122	16	20	4	133	17	83	4	14	3	0.5	2	0.2	1.3	0.2	0.7	0.1	1	0.1	7	24	1
BRAC122	20	24	4	258	64	108	14	44	6	1.3	4	0.5	2.3	0.4	1	0.2	1	0.1	12	68	3
BRAC122	24	28	4	125	63	26	7	20	2	0.4	1	0.1	0.7	0.1	0.4	0.1	0	0	4	31	2
BRAC122	28	32	4	166	50	81	7	18	2	0.6	1	0.1	0.8	0.2	0.4	0	0	0	4	26	2
BRAC122	32	36	4	327	123	108	18	56	7	1.5	4	0.4	1.9	0.3	0.7	0.1	1	0.1	7	37	2
BRAC122	36	40	4	871	232	437	38	115	14	2.5	7	0.7	3.3	0.6	1.5	0.2	1	0.1	19	45	3
BRAC122	40	44	4	2287	551	1164	106	335	41	7.5	21	2.3	9.4	1.5	3.5	0.4	2	0.3	43	56	4
BRAC122	44	48	4	2056	428	1127	93	301	37	6.2	16	1.8	7.4	1.2	2.8	0.4	2	0.3	32	46	4
BRAC122	48	52	4	1472	263	899	56	183	21	4.4	10	1.2	5	0.9	2.1	0.3	2	0.2	25	34	2
BRAC122	52	56	4	1887	453	877	97	314	39	8.7	23	2.7	12.3	1.8	4.2	0.6	3	0.5	50	42	3
BRAC122	56	60	4	2263	386	1326	87	300	39	7.5	22	2.5	11.9	2.1	5.7	0.8	5	0.8	68	36	3
BRAC122	60	64	4	1010	244	503	46	147	18	3.5	9	1.1	4.7	0.9	2.3	0.3	2	0.3	28	29	2
BRAC122	64	66	2	658	160	321	31	98	12	2.3	6	0.7	3.7	0.7	1.6	0.2	2	0.2	20	20	2
BRAC123	20	24	4	188	78	58	10	28	4	0.9	2	0.3	1.3	0.2	0.6	0.1	1	0	6	28	1
BRAC123	24	28	4	277	110	105	12	31	4	0.9	2	0.3	1.5	0.3	0.7	0.1	1	0.1	8	40	2
BRAC123	28	32	4	773	286	275	38	108	14	3.8	9	1.2	5.9	1	2.3	0.3	2	0.3	27	58	3
BRAC123	32	36	4	439	159	161	22	63	7	2.2	5	0.6	2.7	0.5	1.2	0.2	1	0.1	14	47	3
BRAC123	36	40	4	930	256	296	54	189	30	6.9	20	2.4	11	2	4.7	0.5	3	0.4	54	31	3
BRAC123	40	44	4	637	144	259	34	117	21	4.6	13	1.6	7.1	1.2	2.7	0.3	2	0.2	31	41	4
BRAC123	44	48	4	1929	510	680	119	417	52	10.9	29	3.4	15.5	2.6	6.4	0.9	5	0.6	77	33	4
BRAC123	48	52	4	6397	873	3389	286	1172	176	34.2	91	11	50.5	9.1	23.5	3.7	26	4	248	23	5
BRAC123	52	56	4	2050	259	1020	90	356	58	13	41	5.2	24.2	4.7	13.1	1.9	12	1.8	150	20	5
BRAC124	20	24	4	524	165	220	28	79	9	1.8	5	0.6	2.6	0.4	1	0.1	1	0.1	13	35	2
BRAC124	24	28	4	343	147	95	19	54	6	1.5	4	0.4	2.1	0.4	0.9	0.1	1	0.1	12	42	2
BRAC124	28	32	4	473	151	154	26	86	13	2.7	9	1	4.5	0.7	1.8	0.2	1	0.2	22	36	2

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BRAC124	32	36	4	1123	456	333	63	176	21	5.4	14	1.6	7.1	1.4	3.4	0.4	2	0.3	39	70	3
BRAC124	36	40	4	1541	591	372	108	331	34	8.9	20	2.3	10.3	1.8	5	0.6	3	0.4	54	19	2
BRAC124	40	44	4	1850	341	817	103	381	54	14.2	30	3.6	16.4	2.7	7.6	1.1	7	1	72	29	4
BRAC124	44	46	2	898	118	503	29	116	20	7.5	15	1.9	8.9	1.7	5.1	0.7	4	0.6	66	13	2
BRAC125	20	24	4	75	22	28	3	10	2	0.4	1	0.2	1.1	0.2	0.7	0.1	1	0.1	6	18	2
BRAC125	24	28	4	136	32	55	7	22	3	0.9	2	0.3	1.8	0.4	1	0.1	1	0.2	10	29	3
BRAC125	28	32	4	779	207	356	36	113	15	3.6	10	1.2	5.8	1	2.7	0.3	2	0.3	26	46	4
BRAC125	32	36	4	839	212	302	55	177	24	5.4	15	1.8	7.7	1.3	3	0.3	2	0.3	33	29	4
BRAC125	36	40	4	1037	206	499	55	178	25	4.7	14	1.8	7.8	1.4	3.3	0.4	2	0.3	39	38	3
BRAC125	40	44	4	1991	386	726	117	457	79	16.5	55	6.7	28.7	4.6	9.3	0.9	4	0.5	101	48	6
BRAC125	44	48	4	1294	255	515	72	254	39	8.2	27	3.2	15.5	3	7.7	0.8	5	0.6	89	41	6
BRAC125	48	52	4	1461	278	652	76	275	43	8.8	27	3.3	14.5	2.5	6	0.7	4	0.6	70	34	5
BRAC125	52	56	4	1355	237	609	67	241	40	8.1	27	3.3	15.6	2.9	7.9	1.1	6	1	89	32	5
BRAC125	56	60	4	1262	220	511	62	230	40	8.9	29	3.7	17.7	3.4	9.3	1.3	8	1.3	117	29	5
BRAC126	8	12	4	88	17	45	3	11	2	0.4	1	0.2	1.1	0.2	0.7	0.1	1	0.1	6	15	2
BRAC126	12	16	4	667	197	236	37	122	19	4	11	1.3	6.4	1.1	2.5	0.3	2	0.2	29	27	2
BRAC126	16	20	4	1505	307	659	81	292	44	9.2	26	3	12.6	2.1	4.7	0.5	3	0.3	60	21	2
BRAC126	20	24	4	2680	454	1517	111	381	57	12.3	36	4.3	18.1	3	7.3	0.8	4	0.5	75	19	2
BRAC126	24	28	4	1595	306	760	80	282	44	9.2	27	3.1	13.7	2.2	5.4	0.6	3	0.4	58	19	4
BRAC126	28	32	4	1553	297	647	88	309	48	10.5	31	3.9	17.2	3	7.3	0.9	5	0.6	85	21	5
BRAC126	36	40	4	1434	199	528	70	282	49	11.7	39	5.1	26.2	5.2	14.7	2	13	2.1	187	16	4
BRAC126	40	44	4	1044	179	456	54	202	32	7.1	22	2.6	12.2	2.1	5.3	0.7	4	0.5	66	15	3
BRAC126	44	47	3	819	139	365	42	157	25	5.5	17	2	9.3	1.7	4.2	0.5	3	0.4	49	14	4

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	• 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.	• 59 Air Core (AC) holes for 3,158m 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 5m) 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 59 holes drilled with a KL 150 AC rig, both 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 but it did not significantly impact recovery or sample representativity.
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 mineral exploration.
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 5 m length were collected by sampling spear from the bulk 1 m samples. • Assay sample weights averaged 3 kg and ranged between 1 to 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. 1 per 25 samples. • Field duplicate samples were collected at a rate of c. 1 per 25 samples. • The assay results match observed mineralisation well and the 2 to 5 m sample lengths and sizes 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 1,025 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 15% of the reference values for all REEs and Y except Tm and Lu, for which they reported within 25% of the reference value, and >90% of the assay standards reported within 10% of the reference values.
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 5 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 1 per c. 25 samples was used to evaluate sampling error and is acceptable for such exploration drilling. • The AC drilling results are compatible with Venture Minerals' previously reported RC and 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	• 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 E59/2710, E59/2711, E59/2819, E59/2820, E59/2821, E59/2827, E59/2421 and E59/2463 and pending Exploration Licences E59/2887, E59/2889 and E59/2890. • E59/2710, E59/2711, E59/2819, E59/2820, E59/2821, E59/2827, E59/2887, E59/2889 and E59/2890 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, with Venture having earned 70% to date.
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 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 *ASX Announcements 9 May 2023, 1 August 2023* 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 3. • 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 Tables 2 and 3 are rounded to appropriately reflect reporting precision and the TREO field was calculated on an unrounded basis.
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.	• The intersected clay and saprolite zones blanket weathered granitoid basement such that downhole thickness approximate true thickness.

La_2O_3	1.173	Tb_4O_7	1.176
CeO_2	1.228	Dy_2O_3	1.148
Pr_6O_{11}	1.208	Ho_2O_3	1.146
Nd_2O_3	1.166	Er_2O_3	1.143
Sm_2O_3	1.16	Tm_2O_3	1.142
Eu_2O_3	1.158	Yb_2O_3	1.139
Gd_2O_3	1.153	Lu_2O_3	1.137
		Y_2O_3	1.27

Criteria	JORC Code explanation	Commentary
	• 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	• 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 3.
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 at a reconnaissance exploration stage and bulk density, geotechnical, hydrogeological and metallurgical work have yet to be done.
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 additionally continue to reconnaissance drill test satellite targets within the broader Brothers REE project area. • Venture is currently commissioning metallurgical testwork (including leachability) on selected mineralised intervals. • Appropriate exploration target maps are included in this release.