

2 October 2023

DRILLING PROGRAM SUPPORTS ADDITIONAL GROWTH POTENTIAL AT MAKUUTU

- Phase 5 Rotary Air Blast (RAB) Tranche 2 assays received on Exploration Licence (EL) 00257 and Retention Licence (RL) 00007 reporting clay-hosted rare earth intersections achieved in 26 of 31 drill holes, including;
 - 8 metres at 975 ppm TREO from 7 metres in RRMRB117;
 - 20 metres at 865 ppm TREO from 6 metres in RRMRB115;
 - 20 metres at 789 ppm TREO from 4 metres in RRMRB116;
 - 24 metres at 781 ppm TREO from 4 metres in RRMRB129; and
 - 20 metres at 756 ppm TREO from 4 metres in RRMRB120
- Completed Phase 5 RAB assays confirming clay-hosted rare earth intersections in 69 of 76 drill holes across EL 00147, EL00257, and RL00007;
- Metallurgical test work initiated on RAB samples from drill program, feeding into revised Makuutu Exploration Target expected late 2023;
- Makuutu's basket contains 71% magnet and heavy rare earths content, and is one of the most advanced heavy rare earth projects globally available as a source for new supply chains emerging across Europe, the US, and Asia; and
- Diamond drilling is continuing infill drilling at Retention Licence (RL) 00007, aiming to increase resource classification to Indicated Resource, with 103 holes completed (2,032 metres) to date.

The Board of Ionic Rare Earths Limited ("IonicRE" or "The Company") (ASX: IXR) advises on progress at its 60 per cent owned Makuutu Heavy Rare Earths Project ("Makuutu" or "the Project") in Uganda.

The Company is progressing the development at the Makuutu Heavy Rare Earths Project through local Ugandan operating entity Rwenzori Rare Metals Limited ("RRM").

lonicRE's Managing Director Mr Tim Harrison said the Phase 5 RAB Tranche 2 assay results confirmed the expected potential of the northwest tenement to provide additional growth potential for a much larger Makuutu Project in years to come.

"EL00257 has now confirmed clay-hosted rare earth mineralisation in 21 of 26 RAB holes drilled in this program.

Ionic Rare Earths Limited, Level 1, 34 Colin Street, West Perth WA 6005 Australia T+61 3 9776 3434 E admin@ionicre.com

"The Project now moves to metallurgical test work on a selection of sample intervals to map the potential of this tenement and EL00147, expected to add significantly to the Makuutu Project development plan.

"Our focus on the delivery of the Makuutu Heavy Rare Earths Project in Uganda positions us to provide a secure, sustainable, and traceable supply of magnet rare earth oxides. Along with our Belfast recycling facility, Makuutu is key to us harnessing our technology to accelerate mining, refining, and recycling of magnets and heavy rare earths that are critical for the energy transition, advanced manufacturing, and defence," Mr Harrison said.

The Tranche 2 results are from drilling located on Exploration Licence EL00257 (26 holes) and Retention Licence (RL) 00007 (5 holes), located at the western end of the extensive licence holding at Makuutu (see Figure 1).

A total of 31 rotary air blast (RAB) holes were drilled across EL00257 and RL00007, with 26 holes recording intervals of regolith hosted rare earth mineralisation above the 2022 Mineral Resource Estimate (MRE) cut-off grade of 200 ppm Total Rare Earth Oxide minus Cerium oxide (TREO-CeO₂). (ASX: 3 May 2022). Table 1 lists the intersection compilations and Figure 2 shows the location of the drill results.



Figure 1: Makuutu project drill status plan showing location of RAB results and current core drilling program location (refer to Figure 2 area dashed outline).

Table 1: Makuutu Phase 5 Tranche 1 RAB results above MRE cut-off grade of 200ppm TREO-CeO₂.

Drill Hole ID	Depth From (metres)	Length (metres)	TREO (ppm)	TREO-CeO₂ (ppm)	HREO (ppm)	CREO (ppm)
RRMRB113	4	25	605	392	148	203
RRMRB114		•	1	NSI		
RRMRB115	6	20	865	559	200	282
RRMRB116	4	20	789	470	114	200
RRMRB117	7	8	975	737	202	344
RRMRB118	3	13	465	282	94	135
RRMRB119	3	4	589	283	96	133
and	16	14	351	301	167	182
RRMRB120	4	20	756	415	97	177
RRMRB121	6	20	448	291	82	131
RRMRB122	5	17	401	237	84	117
RRMRB123	6	10	584	395	150	195
RRMRB124	5	2	574	254	94	123
and	11	10	451	266	94	133
RRMRB125	6	6	363	226	84	113
RRMRB126	3	23	423	243	78	111
RRMRB127	6	17	627	523	170	239
RRMRB128	5	16	587	432	167	217
RRMRB129	4	24	781	427	113	190
RRMRB130	3	16	719	401	109	183
RRMRB131	4	3	453	259	93	125
and	13	12	312	209	66	98
RRMRB132		•	•	NSI		•
RRMRB133	5	4	367	210	76	100
RRMRB134				NSI		
RRMRB135				NSI		
RRMRB136	10	8	322	279	156	162
RRMRB137				NSI		
RRMRB138	4	5	469	240	91	116
RRMRB139	4	10	419	285	83	128
RRMRB140	2	6	352	226	132	132
RRMRB141	2	11	434	285	104	139
RRMRB142	6	18	612	494	186	243
RRMRB143	5	2	426	254	102	125
and	21	2	318	200	85	101

Note: NSI: No significant results in mottled, clay upper or lower saprolite zones of regolith.

EL00257 RAB Drilling

The RAB drilling on EL00257 is the first drilling to test this tenement. The aim of the drilling was to test the endowment of rare earth element (REE) in the regolith and determine the extent and thickness of mineralisation. This drilling has successfully confirmed zones of thick REE mineralisation on the northwestern half of the licence.

Results from the drilling (Figure 2) show the northwestern half of the area contains greater thickness of regolith under hardcap with significant intersections including;

- 8 metres at 975 ppm TREO from 7 metres in RRMRB117;
- 20 metres at 865 ppm TREO from 6 metres in RRMRB115;
- 20 metres at 789 ppm TREO from 4 metres in RRMRB116;
- 24 metres at 781 ppm TREO from 4 metres in RRMRB129; and
- 20 metres at 756 ppm TREO from 4 metres in RRMRB120.

This area is interpreted to be underlain by the Iganga Suite granite basement rocks, an older and different protolith from the Makuutu deposit hosted in a Karoo age sedimentary basin.

RL00007 RAB Drilling

Five (5) RAB holes (RRMRB139 to 143) tested exploration target B1 which had produced significant intersections above a granite host from 2 broad spaced holes drilled in 2021 (RRMRB063 10 metres at 698 ppm TREO and RRMRB064 8 metres 512) (ASX: 20 July 2021). These 2 holes were used to identify exploration target B1 with a target range of 15Mt to 45Mt with a grade range of 500 ppm TREO to 700 ppm TREO (see Table 2).

The results of these Phase 5 RAB holes have shown the mineralisation to be variable in thickness and grade with a best intersection in RRMRB142 of 18 metres at 612 ppm TREO from 6 metres. As a result, the exploration Target is not expected to change.



Figure 2: RAB drilling results EL00257 and RL00007 (bold intersection grades 2023 drilling, faded 2021 drilling) and Areas A and B resource infill drilling (green points results pending, red points awaiting drilling).

Resource Infill Area A and B

Resource infill drilling is ongoing on Mineral Resource Estimate (MRE) areas A and B (refer Figure 2 green points results pending, red points awaiting drilling), with the drilling designed to increase resource confidence from inferred to indicated status. To date 103 holes (2,032 metres) have been drilled and it is expected that the program will be completed later this month.

Exploration Target Drilling

As detailed earlier, the existing Makuutu Exploration Target (ASX: 1 June 2022), which is additional to the current Makuutu MRE, indicated a range for additional potential mineralisation at Makuutu estimated at;

216 – 535 million tonnes grading 400 – 600 ppm TREO*

*This Exploration Target is conceptual in nature but is based on reasonable grounds and assumptions. There has been insufficient exploration to estimate a Mineral Resource and it is uncertain if further exploration will result in the estimation of a Mineral Resource.

The 2021 Phase 3 RAB reconnaissance drilling campaign tested multiple targets in the Makuutu area and identified clay hosted REE mineralisation within, and outside, the sedimentary basin that contains the Makuutu resource^{1,2}.

The success of that program allowed a revision of the Exploration Target. The revised Exploration Target was separated into target areas within the sedimentary basin, and those outside the basin with clay hosted REE mineralisation derived from a mixture of rock types including granite, granodiorite and some mafic rocks.

The Exploration Target ranges are listed in Table 2 and locations shown on Figure 1.

The aim of the exploration program in the target areas is to establish further input ahead of the next phase to progress to Inferred level resources in accordance with the guidelines of the JORC code.

Pending drill assays are aimed to initially determine the endowment of REE in the area with the goal of generating additions to an updated Exploration Target following indicative extraction test work of new areas.

Metallurgical Testwork

Extraction test work has been initiated to evaluate the economic potential of this mineralisation drilled across EL00147, EL00257 and RL00007.

¹ ASX Announcement 14 July 2021: "Phase 3 Drilling Results Confirm Major Extension Potential At Makuutu"

² ASX Announcement 20 July 2021: "Phase 3 Drilling Results Indicate Potential Extension to Northwest at Makuutu"

		Tonnes Rar	ige (millions)	TREO pp	om Range
Zone	Target ID	Minimum	Maximum	Minimum	Maximum
	A1	14	28	400	600
	A2	2	5	600	800
Inside Basin	A3	2	5	600	800
molde Buom	A4	2	4	500	700
	A5	4	8	400	600
	A6	90	180	400	600
	B1	15	45	500	700
Outside	B2	4	12	400	600
Basin	B3	2	6,	600	800
	B4	73	220	400	600
	B5	8	28	400	600
Total		216	535	400	600

Table 2: Makuutu Exploration Target (ASX : 1 June 2022)

Authorised for release by the Board.

For enquiries, contact:

For Company	For Media	For Investor Relations
Tim Harrison	Nigel Kassulke	Peter Taylor
Ionic Rare Earths Limited	Teneo	NWR Communications
investors@ionicre.com	Nigel.Kassulke@Teneo.com	peter@nwrcommunications.com.au
+61 (3) 9776 3434	+61 (0) 407 904 874	+61 (0) 412 036 231

Table 3: Makuutu Rare Earth Project Resource Tabulation of REO Reporting Groups at 200ppm TREO-CeO₂ Cut-off Grade (ASX: 3 May 2022).

Resource Classification	Tonnes (millions)	TREO (ppm)	TREO- CeO₂ (ppm)	LREO (ppm)	HREO (ppm)	CREO (ppm)	Sc₂O₃ (ppm)
Indicated	404	670	450	500	170	230	30
Inferred	127	540	360	400	140	180	30
Total	532	640	430	480	160	220	30

Notes; Tonnes are dry tonnes rounded to the nearest 1.0Mt.

All ppm rounded from original estimate to the nearest 10 ppm which may lead to differences in averages. TREO = Total Rare Earth Oxide

Classification	Indica	ated Res	ource	Infer	red Reso	urce	Tot	al Resou	rce
Area	Tonnes (millions)	TREO (ppm)	TREO- CeO₂ (ppm)	Tonnes (millions)	TREO (ppm)	TREO- CeO₂ (ppm)	Tonnes (millions)	TREO (ppm)	TREO- CeO₂ (ppm)
Α				13	580	390	13	580	390
В				26	410	290	26	410	290
C	31	580	400	3	490	350	35	570	400
D				6	560	400	6	560	400
E				18	430	280	18	430	280
Central Zone	151	780	540	12	670	460	163	770	530
Central Zone East	59	750	490	12	650	430	72	730	480
F	18	630	420	7	590	400	25	620	410
G	9	750	500	5	710	450	14	730	480
Н	6	800	550	7	680	480	13	740	510
I	129	540	350	19	530	350	148	540	350
Total Resource	404	670	450	127	540	360	532	640	430

Table 4: Mineral Resources by Area (ASX: 3 May 2022), RL00007 Resource Areas shaded blue.

Rounding has been applied to 1Mt and 10ppm which may influence averaging calculations.

About Ionic Rare Earths Ltd

lonic Rare Earths Limited (ASX: IXR or lonicRE) is set to become a miner, refiner and recycler of sustainable and traceable magnet and heavy rare earths needed to develop net-zero carbon technologies.

The flagship Makuutu Rare Earths Project in Uganda, 60% owned by IonicRE, is well-supported by existing tier-one infrastructure and is on track to become a long-life, low Capex, scalable and sustainable supplier of high-value magnet and heavy rare earths oxides (REO). In March 2023, IonicRE announced a positive stage 1 Definitive Feasibility Study (DFS) for the first of six (6) tenements to progress to a Mining Licence Application (MLA) which is pending in Uganda. The Makuutu Stage 1 DFS defined a 35-year life initial project producing a 71% rich magnet and heavy rare earth carbonate (MREC) product basket and the potential for significant potential and scale up through additional tenements.

lonic Technologies International Limited ("Ionic Technologies"), a 100% owned UK subsidiary acquired in 2022, has developed processes for the separation and recovery of rare earth elements (REE) from mining ore concentrates and recycled permanent magnets. Ionic Technologies is focusing on the commercialisation of the technology to achieve near complete extraction from end of life / spent magnets and waste (swarf) to high value, separated and traceable magnet rare earth products with grades exceeding 99.9% rare earth oxide (REO). In June 2023, Ionic Technologies announced initial production of high purity magnet REOs from its newly commissioned Demonstration Plant. This technology and operating Demonstration Plant provides first mover advantage in the industrial elemental extraction of REEs from recycling, enabling near term magnet REO production capability to support demand for early-stage alternative supply chains.

As part of an integrated strategy to create downstream supply chain value, lonicRE is also evaluating the development of its own magnet and heavy rare earth refinery, or hub, to separate the unique and

high value magnet and heavy rare earths dominant Makuutu basket into the full spectrum of REOs plus scandium.

This three-pillar strategy completes the circular economy of sustainable and traceable magnet and heavy rare earth products needed to supply applications critical to electric vehicles, offshore wind turbines, communication, and key defence initiatives.

lonicRE is a Participant of the UN Global Compact and adheres to its principles-based approach to responsible business.

Competent Persons Statement

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

Information in this report that relates to previously reported Exploration Targets and Exploration Results has been cross-referenced in this report to the date that it was originally reported to ASX. Ionic Rare Earths Limited confirms that it is not aware of any new information or data that materially affects information included in the relevant market announcements.

The information in this report that relates to Mineral Resources for the Makuutu Rare Earths deposit was first released to the ASX on 20 March 2022 and is available to view on <u>www.asx.com.au</u>. Ionic Rare Earths Limited confirms that it is not aware of any new information or data that materially affects information included in the relevant market announcement, and that all material assumptions and technical parameters underpinning the estimates in the announcement continue to apply and have not materially changed.

The information in this report that relates to Ore Reserves for the Makuutu Rare Earths deposit was first released to the ASX on 20 March 2023 and is available to view on <u>www.asx.com.au</u>. Ionic Rare Earths Limited confirms that it is not aware of any new information or data that materially affects information included in the relevant market announcement, and that all material assumptions and technical parameters underpinning the estimates in the announcement continue to apply and have not materially changed.

The information in this report that relates to Production Targets or forecast financial information derived from production the production target for the Makuutu Rare Earths deposit was first released to the ASX on 20 March 2023 and is available to view on <u>www.asx.com.au</u>. Ionic Rare Earths Limited confirms that all material assumptions and technical parameters underpinning the Production Targets or forecast financial estimates in the announcement continue to apply and have not materially changed.

Forward Looking Statements

This announcement has been prepared by lonic Rare Earths Limited and may include forward-looking statements. Forward-looking statements are only predictions and are subject to risks, uncertainties and assumptions which are outside the control of lonic Rare Earths Limited. Actual values, results or events may be materially different to those expressed or implied in this document. Given these uncertainties, recipients are cautioned not to place reliance on forward looking statements. Any forward-looking statements in this document speak only at the date of issue of this document. Subject to any continuing obligations under applicable law and the ASX Listing Rules, lonic Rare Earths Limited does not undertake any obligation to update or revise any information or any of the forward-looking statements in this document or any changes in events, conditions, or circumstances on which any such forward looking statement is based.

Drill Hole ID	UTM East	UTM North	Elevation	Drill Type	Hole Length	Azimuth	Inclination
RRMRB113	(m.) 5/0831	(m.) 61294	(m.a.s.i.) 1157	RAB	20 O	000	-90
RRMRB114	549375	61526	1153	RAB	32.0	000	-90
RRMRB115	551789	61875	1154	RAB	26.0	000	-90
RRMRB116	5/0207	62214	1164	RAB	26.0	000	-90
RRMRB117	552607	61851	115/	RAB	18.0	000	-90
RRMRB118	552069	62713	1150	RAB	16.0	000	-90
RRMRB110	550944	63515	1155	RAB	30.0	000	-90
RRMRB120	552103	63/36	1155	RAB	24.0	000	-90
RRMRB121	552740	63/83	1156	RAB	24.0	000	-90
RRMRB122	551547	61100	1175	RAB	20.0	000	-90
RRMRB122	551585	60104	1161	RAB	22.0	000	-90
RRMRB124	55/377	60682	1158		21.0	000	-90
RRMRB124	554537	61050	1150		21.0	000	-90
	555052	60421	1171		20.0	000	-90
	554608	62783	1125		20.0	000	-90
	554532	63400	1155		23.0	000	-90
	554552	63250	1100		21.0	000	-90
	555119	03230	1140		20.0	000	-90
	555093	62022	1142		19.0	000	-90
	556916	02023	1102		25.0	000	-90
RRINRB132	556816	02724	1127	RAB	25.0	000	-90
RRMRB133	555965	61081	1157	RAB	25.0	000	-90
RRMRB134	558078	61370	1141	RAB	21.0	000	-90
RRMRB135	557727	60575	1143	RAB	20.0	000	-90
RRMRB136	559414	61428	1141	RAB	22.0	000	-90
RRMRB137	560712	61313	1148	RAB	24.0	000	-90
RRMRB138	551634	59726	1172	RAB	24.0	000	-90
RRMRB139	551058	58514	1168	RAB	18.0	000	-90
RRMRB140	551101	59287	1172	RAB	18.0	000	-90
RRMRB141	550399	59126	1156	RAB	20.0	000	-90
RRMRB142	549502	58869	1152	RAB	24.0	000	-90
RRMRB143	549287	59244	1167	RAB	24.0	000	-90

Appendix 1: Drill Hole Details This Announcement (Datum UTM WGS84 Zone 36N)

Appendix 2: RAB Drilling Analytical Results RRMRB113 to RRMRB143including highlighted Intersections >200 ppm TREO-CeO2.

(Note: Rounding will cause minor value differences)

																					TREO-	CeO ₂
	From	То	Int.	La ₂ O ₃	CeO ₂	Pr ₂ O ₃	Nd ₂ O ₃	Sm ₂ O ₃	Eu ₂ O ₃	Gd ₂ O ₃	Tb ₂ O ₃	Dv ₂ O ₃	Ho ₂ O ₃	Er ₂ O ₃	Tm ₂ O ₃	Yb ₂ O ₃	Lu ₂ O ₃	Y ₂ O ₃	TREO	Regolith	Lenath	TREO
Hole ID	m	m	m	ppm	ррт	ррт	ppm	ррт	Zone	(m)	ppm											
RRMRB113	0	2	2	33.9	335.4	6.9	23.6	4.2	0.6	3.5	0.6	3.3	0.7	1.9	0.3	2.2	0.4	19.3	436.6	Hardcap		
RRMRB113	2	4	2	66.4	506.1	14.4	52.1	8.6	1.3	6.5	1.0	5.5	1.1	3.5	0.5	3.6	0.6	33.9	705.2	Hardcap		
RRMRB113	4	6	2	104.5	384.5	24.4	85.6	13.8	1.9	10.7	1.6	9.3	1.9	5.6	0.9	5.5	0.9	54.9	706.0	Clay]	
RRMRB113	6	8	2	115.2	273.9	27.7	97.4	15.4	2.5	12.5	1.9	10.8	2.2	6.1	1.0	6.5	1.0	62.4	636.3	Clay	1	
RRMRB113	8	9	1	57.7	87.0	14.1	49.2	8.2	1.3	6.7	1.1	6.7	1.3	3.8	0.6	3.9	0.5	37.0	279.2	Clay]	
RRMRB113	9	11	2	184.7	163.4	53.5	185.5	29.5	4.5	18.9	2.6	12.7	2.2	6.0	0.8	4.8	0.7	62.1	731.7	Upper Saprolite]	
RRMRB113	11	13	2	140.1	248.1	37.1	129.5	20.2	3.2	13.8	1.8	9.4	1.7	4.6	0.7	4.2	0.6	49.4	664.4	Upper Saprolite]	
RRMRB113	13	15	2	83.5	208.2	20.9	76.9	12.1	2.6	10.5	1.5	8.2	1.6	4.4	0.7	4.3	0.6	46.9	482.9	Upper Saprolite]	
RRMRB113	15	17	2	90.5	227.3	22.4	83.2	13.9	2.8	12.5	1.7	9.5	1.9	5.0	0.7	4.8	0.7	58.4	535.2	Upper Saprolite)	
RRMRB113	17	19	2	147.2	192.2	34.6	145.2	24.5	6.0	28.4	4.0	22.7	4.5	12.5	1.8	9.9	1.5	165.7	800.6	Upper Saprolite]	
RRMRB113	19	21	2	110.5	199.6	26.9	111.3	18.7	4.3	21.2	2.8	16.2	3.5	10.1	1.3	8.2	1.2	140.3	676.3	Upper Saprolite]	
RRMRB113	21	23	2	91.2	164.6	23.1	90.6	16.2	3.6	14.8	2.0	11.5	2.2	5.9	0.9	5.7	0.9	79.9	513.1	Upper Saprolite]	
RRMRB113	23	25	2	88.8	192.2	22.1	86.2	14.4	3.4	14.2	2.0	11.0	2.4	6.7	0.9	5.6	0.8	79.1	529.9	Upper Saprolite		
RRMRB113	25	27	2	101.9	184.3	24.9	98.3	17.6	4.1	18.4	2.5	13.4	2.8	7.5	1.2	6.7	1.0	101.1	585.8	Upper Saprolite]	
RRMRB113	27	29	2	98.3	184.9	24.5	94.8	16.8	3.6	16.5	2.3	12.9	2.6	7.1	1.1	6.4	1.0	91.7	564.5	Upper Saprolite	25	605
RRMRB114	0	2	2	65.6	1719.8	14.7	49.6	9.2	1.3	7.0	1.2	5.9	1.3	3.9	0.6	4.3	0.6	32.3	1917.2	Hardcap	ļ	
RRMRB114	2	4	2	67.8	1277.5	13.7	45.0	8.0	1.2	6.1	1.0	5.4	1.2	3.4	0.5	3.7	0.5	27.7	1462.7	Gravel]	
RRMRB114	4	6	2	64.5	363.6	13.8	46.9	7.6	1.0	5.5	0.9	4.7	1.0	2.8	0.4	3.0	0.4	27.4	543.6	Gravel]	
RRMRB114	6	8	2	205.8	404.1	46.8	154.0	22.3	2.2	14.1	1.8	9.0	1.7	3.9	0.6	3.5	0.5	41.5	911.7	Gravel]	
RRMRB114	8	10	2	222.2	385.7	49.1	158.6	22.3	2.0	14.1	1.7	8.7	1.5	3.7	0.5	3.0	0.5	39.4	913.1	Gravel)	
RRMRB114	10	12	2	265.1	410.3	59.3	196.5	28.3	2.7	18.2	2.4	11.8	2.1	4.9	0.7	3.9	0.6	52.6	1059.3	Gravel]	
RRMRB114	12	14	2	205.8	357.5	44.1	146.4	20.8	1.6	13.5	1.6	7.8	1.5	3.6	0.5	3.0	0.5	41.7	849.8	Gravel		
RRMRB114	14	16	2	194.1	374.7	42.3	137.1	19.2	1.5	12.0	1.5	7.4	1.4	3.2	0.4	2.9	0.4	37.0	835.1	Gravel		
RRMRB114	16	18	2	224.6	425.0	48.6	158.6	21.8	1.7	13.3	1.7	8.5	1.5	3.5	0.5	3.3	0.5	43.6	956.7	Gravel	Į	
RRMRB114	18	20	2	189.4	357.5	41.6	135.3	18.6	1.5	11.8	1.5	6.8	1.3	3.1	0.5	2.7	0.4	37.3	809.2	Gravel	Į	
RRMRB114	20	22	2	248.6	452.1	53.9	175.0	25.3	1.9	15.0	1.9	9.6	1.7	4.4	0.5	3.5	0.6	45.8	1039.7	Gravel	ļ	
RRMRB114	22	24	2	241.6	457.0	51.8	171.5	24.6	1.9	15.2	1.9	9.6	1.8	4.2	0.6	3.5	0.6	47.5	1033.2	Gravel	Į	
RRMRB114	24	26	2	242.8	428.7	52.0	173.8	22.9	1.9	15.3	1.9	9.6	1.7	4.3	0.6	3.7	0.5	48.6	1008.3	Gravel	ļ	
RRMRB114	26	28	2	261.5	416.4	58.1	188.4	25.9	2.4	17.5	2.1	10.2	1.8	4.4	0.6	3.8	0.5	52.3	1046.0	Gravel	Į	
RRMRB114	28	30	2	249.8	436.1	54.6	181.4	25.9	2.2	15.8	2.0	10.1	1.7	4.5	0.6	3.6	0.6	47.4	1036.2	Gravel	ļ	
RRMRB114	30	32	2	246.3	443.5	54.0	179.6	26.4	2.1	16.4	2.1	9.7	1.7	4.2	0.6	3.8	0.6	47.2	1038.3	Gravel		
RRMRB115	0	2	2	110.0	728.4	21.6	74.1	11.7	1.5	8.6	1.3	7.1	1.3	4.2	0.6	4.1	0.6	36.1	1011.2	Hardcap	ļ	
RRMRB115	2	4	2	103.7	952.0	19.1	63.8	11.5	1.8	8.5	1.4	8.3	1.6	4.9	0.8	5.3	0.8	40.0	1223.4	Hardcap	ļ	
RRMRB115	4	6	2	101.6	1437.2	22.4	74.4	13.5	2.1	9.8	1.5	8.9	1.7	5.0	0.8	5.2	0.8	45.6	1730.4	Transition		
RRMRB115	6	8	2	82.9	584.7	19.2	64.6	10.3	1.7	8.8	1.3	7.8	1.5	4.3	0.7	4.6	0.7	43.2	836.4	Clay	Į	
RRMRB115	8	10	2	71.2	264.1	15.5	53.2	8.7	1.3	7.2	1.2	7.0	1.5	4.6	0.7	5.3	0.7	44.1	486.3	Upper Saprolite	Į	
RRMRB115	10	11	1	103.7	286.2	26.5	91.1	15.0	2.3	11.2	1.5	8.5	1.7	4.6	0.8	5.2	0.8	48.8	607.8	Upper Saprolite		
RRMRB115	11	13	2	295.5	463.1	82.2	290.4	48.9	6.1	33.7	4.5	22.5	4.2	10.7	1.5	9.6	1.4	112.3	1386.5	Upper Saprolite	Į	
RRMRB115	13	15	2	357.7	508.6	99.3	355.8	62.2	8.6	46.7	6.4	34.1	6.4	16.6	2.4	14.8	2.1	193.0	1714.6	Upper Saprolite	ļ	
RRMRB115	15	17	2	283.8	242.6	70.0	264.8	47.4	8.3	46.6	6.9	38.3	7.8	21.0	3.0	17.5	2.5	267.9	1328.5	Upper Saprolite	Į	
RRMRB115	1/	19	2	101.4	122.8	20.8	80.6	14.1	2.9	16.5	2.3	13.1	3.0	8.5	1.2	6.5	1.0	126.4	521.2	Upper Saprolite	ł	
RRMRB115	19	21	2	136.6	249.4	30.8	113.6	17.9	3.1	16.1	2.0	11.5	2.2	5.6	0.8	4.6	0.7	75.3	670.3	Upper Saprolite		
RRMRB115	21	23	2	95.5	152.9	23.0	86.3	14.4	2.4	12.7	1.8	9.9	2.0	5.3	0.8	4.7	0.7	67.4	479.8	Lower Saprolite	ļ	
KKMKB115	23	25	2	118.5	202.7	29.4	106.7	18.4	3.0	15.3	2.1	11.5	2.2	6.1	0.9	5.6	0.8	/4.7	597.8	Lower Saprolite		0.05
KKINKB115	25	26	1	122.6	253.1	28.9	105.8	18.0	2.9	15.0	2.1	11./	2.2	6.3	0.9	5.2	0.9	(1.5	647.1	Lower Saprolite	20	865
RRMRB116	0	2	2	128.4	357.5	30.1	107.2	19.2	2.6	14.8	2.2	12.2	2.4	7.1	1.0	6.3	1.0	67.4	759.2	Soil		

>200ppm

																					>200 ₁ TREO-	opm CeO₂
	_	_																			Inter	val
Hole ID	From m	To m	Int. m	La₂O₃ ppm	CeO₂ ppm	Pr₂O₃ ppm	Nd₂O₃ ppm	Sm₂O₃ ppm	Eu₂O₃ ppm	Gd₂O₃ ppm	Tb₂O₃ ppm	Dy₂O₃ ppm	Ho₂O₃ ppm	Er₂O₃ ppm	Tm₂O₃ ppm	Yb₂O₃ ppm	Lu ₂ O ₃ ppm	Y₂O₃ ppm	TREO ppm	Regolith Zone	Length (m)	TREO ppm
RRMRB116	2	4	2	120.2	389.4	26.7	94.1	16.5	2.1	12.2	1.9	9.9	2.0	5.9	0.8	5.8	0.9	56.6	745.1	Transition		
RRMRB116	4	6	2	106.0	324.3	23.4	79.3	13.7	1.8	9.7	1.5	8.2	1.8	4.5	0.7	5.1	0.7	44.2	625.0	Clay]	
RRMRB116	6	7	1	134.3	355.0	27.9	90.5	14.1	1.9	10.8	1.6	8.9	1.7	4.7	0.7	4.5	0.8	46.9	704.3	Clay]	
RRMRB116	7	9	2	268.6	237.1	47.7	140.6	20.0	2.4	12.0	1.7	8.9	1.6	4.2	0.7	4.3	0.6	43.9	794.3	Clay]	
RRMRB116	9	11	2	159.5	261.6	33.1	109.5	16.5	2.0	11.6	1.6	8.6	1.6	4.4	0.7	4.2	0.6	44.3	659.7	Upper Saprolite	ļ	
RRMRB116	11	13	2	198.8	296.0	48.2	164.5	24.5	2.8	16.1	2.1	10.1	1.8	4.9	0.7	4.2	0.6	48.1	823.4	Upper Saprolite	Į	
RRMRB116	13	15	2	197.6	312.0	48.8	168.5	26.0	2.6	17.1	2.3	11.1	1.9	5.4	0.7	4.4	0.6	54.0	853.0	Upper Saprolite	Į	
RRMRB116	15	17	2	229.9	385.7	50.1	175.5	28.2	2.8	21.3	2.8	14.9	2.7	7.7	1.1	6.5	0.9	90.3	1020.4	Upper Saprolite	Į	
RRMRB116	17	18	1	175.9	353.8	39.1	134.1	21.0	2.0	15.7	2.2	11.3	2.1	6.1	0.8	5.2	0.8	69.2	839.5	Upper Saprolite	4	
RRMRB116	18	20	2	203.5	405.4	45.5	150.5	22.6	2.0	14.9	2.0	10.7	1.9	5.4	0.7	4.6	0.7	61.7	932.1	Upper Saprolite	Į	
RRMRB116	20	22	2	175.3	329.2	38.2	128.3	19.1	1.9	13.5	1.8	9.2	1.6	4.6	0.6	4.2	0.6	51.0	779.1	Lower Saprolite	{	
RRMRB116	22	24	2	136.6	277.6	30.2	101.8	15.1	1.5	10.1	1.4	7.2	1.2	3.6	0.5	3.1	0.5	38.0	628.4	Lower Saprolite	20	789
RRMRB116	24	26	2	147.8	288.7	32.3	110.0	16.4	1./	11.2	1.5	7.2	1.3	3.7	0.5	3.6	0.6	41.1	667.4	Saprock		
RRMRB117	0	2	2	110.2	203.9	25.9	93.0	16.4	2.4	13.3	1.9	10.8	2.2	6.3	1.0	6.1	1.0	62.6	556.9	Soil	4	
RRMRB117	2	4	2	79.2	170.1	17.5	60.9	10.4	1.8	8.6	1.3	7.4	1.6	4.6	0.7	4.9	0.8	43.3	413.1	Gravel	{	
RRMRB117	4	5	1	64.2	500.0	14.7	49.9	9.6	1.4	6.5	1.1	0.5	1.2	3.7	0.6	4.0	0.6	30.7	694.5 1010.6	Gravel	4	
	5 7	/	2	90.7	201.2	22.0	101.1	14.7	2.0	12.0	2.0	10.5	2.1	0.3	1.0	0.9	1.1	40.0	657.2	Harucap	4	
	0	9	2	336.6	201.3	29.0	300.1	17.0	2.0	13.0	1.9	10.0	2.0	10.0	0.9	0.1	1.0	104.0	1206.8	Upper Saprolite	{	
DDMDB117	11	12	2	205.5	176.3	80.0	203.0	47.5	0.5	33.5	4.3	23.3	3.7	10.0	1.4	9.4	1.3	104.0	1006 1	Upper Saprolite	4	
RRMRB117	13	15	2	293.3	267.8	57.5	293.9	35.6	6.4	24.8	4.0	18.0	2.8	8.5	1.4	9.3 7.4	1.5	82.0	038.8	Upper Saprolite	8	075
RRMRB117	15	17	2	181.8	254.3	46.8	165.6	27.4	5.0	19.6	2.9	14.6	2.0	7.7	1.2	69	1.1	72.9	810.2	Saprock	Ŭ	515
RRMRB117	10	18	1	214.0	425.0	54 9	195.4	31.7	5.4	22.3	3.1	14.0	2.0	7.0	1.0	7.1	1.1	77.6	1065.0	Saprock	1	
RRMRB118	0	2	2	45.7	518.4	11.6	42.8	9.2	1.5	7.2	12	7.2	13	4.2	0.6	4.5	0.6	31.2	687	Hardcan	-	
RRMRB118	2	3	1	58.2	1234.5	14.0	47.2	10.2	1.0	7.5	1.2	6.9	1.3	4.1	0.0	4.3	0.0	28.6	1421	Hardcap	1	
RRMRB118	3	5	2	103.1	400.5	24.6	84.3	13.9	22	11.2	1.6	9.1	1.0	5.0	0.8	5.6	0.8	53.1	718	Clav	1	
RRMRB118	5	7	2	94.3	189.8	22.8	78.3	13.3	2.3	10.3	1.5	7.9	1.5	4.6	0.7	5.0	0.7	44.4	477	Upper Saprolite	1	
RRMRB118	7	9	2	93.7	133.9	22.0	76.7	12.8	2.2	10.4	1.5	7.4	1.5	4.3	0.7	4.7	0.7	48.6	421	Upper Saprolite	1	
RRMRB118	9	11	2	85.0	180.6	20.5	72.2	11.8	1.9	9.3	1.3	7.5	1.5	4.3	0.6	4.5	0.7	47.6	450	Upper Saprolite	1	
RRMRB118	11	13	2	84.2	124.7	20.3	70.7	11.2	2.0	9.8	1.3	7.6	1.6	4.2	0.6	4.5	0.6	46.6	390	Upper Saprolite	1	
RRMRB118	13	15	2	88.4	105.5	20.7	72.4	12.0	2.2	9.7	1.4	8.2	1.5	4.4	0.6	4.5	0.6	48.6	381	Upper Saprolite	1	
RRMRB118	15	16	1	84.1	108.3	19.9	71.5	11.4	2.1	9.8	1.4	8.1	1.5	4.4	0.6	4.4	0.6	46.4	374	Upper Saprolite	13	465
RRMRB119	0	2	2	112.6	606.8	20.7	64.7	10.7	1.9	7.9	1.4	8.0	1.4	4.4	0.6	4.6	0.7	38.4	885	Hardcap		
RRMRB119	2	3	1	153.1	791.1	24.6	70.5	11.7	2.0	8.0	1.3	7.0	1.4	4.1	0.6	4.1	0.6	33.1	1113	Transition	1	
RRMRB119	3	5	2	100.6	318.2	22.1	76.5	12.1	2.2	10.2	1.5	8.2	1.7	4.9	0.8	5.1	0.7	49.4	614	Clay	1	
RRMRB119	5	7	2	87.5	293.6	19.6	68.1	11.2	2.1	9.8	1.4	8.8	1.7	5.1	0.7	5.1	0.8	48.4	564	Clay	4	589
RRMRB119	7	9	2	54.8	85.7	13.4	49.0	8.8	1.6	7.6	1.1	6.7	1.3	3.6	0.6	4.0	0.6	38.1	277	Clay]	
RRMRB119	9	11	2	38.6	54.4	10.0	36.7	7.0	1.3	6.3	0.9	5.8	1.2	3.4	0.5	3.8	0.6	33.4	204	Clay]	
RRMRB119	11	12	1	26.9	44.7	7.2	27.4	4.6	1.1	5.2	0.8	5.1	0.9	2.8	0.5	3.3	0.4	27.8	159	Clay]	
RRMRB119	12	14	2	19.8	28.1	5.6	21.7	4.6	1.2	4.5	0.7	4.3	0.9	2.4	0.4	2.8	0.4	24.6	122	Upper Saprolite]	
RRMRB119	14	16	2	21.5	34.6	6.2	25.7	5.0	1.3	5.4	0.8	5.6	1.1	2.9	0.4	3.4	0.5	30.5	145	Upper Saprolite		
RRMRB119	16	18	2	45.3	36.6	14.1	55.3	11.1	2.9	11.1	1.8	11.2	2.2	6.4	0.9	6.1	0.9	74.3	280	Upper Saprolite	ļ	
RRMRB119	18	20	2	42.2	49.5	11.5	45.5	9.5	2.4	10.2	1.7	10.1	2.2	6.4	0.9	6.2	0.9	77.2	276	Upper Saprolite	ļ	
RRMRB119	20	22	2	38.0	60.2	10.5	41.6	8.5	2.3	9.8	1.6	10.0	2.0	5.5	0.8	6.0	0.8	66.5	264	Upper Saprolite		
RRMRB119	22	24	2	54.7	52.8	15.5	67.2	14.4	4.0	16.7	2.6	14.7	3.2	8.8	1.2	7.9	1.0	102.7	367	Upper Saprolite		
RRMRB119	24	26	2	68.0	50.9	19.6	81.6	17.2	4.7	19.1	3.0	18.1	3.5	9.8	1.3	9.3	1.3	119.4	427	Upper Saprolite	Į	
RRMRB119	26	28	2	77.4	54.2	23.8	99.5	21.1	5.7	24.2	3.7	20.9	4.2	11.8	1.6	10.6	1.4	138.4	499	Upper Saprolite	Į	
RRMRB119	28	29	1	53.2	44.3	15.1	61.9	13.9	3.9	15.7	2.4	14.8	3.2	9.0	1.1	7.8	1.1	108.8	356	Upper Saprolite		
RRMRB119	29	30	1	48.0	43.1	14.5	58.1	13.2	3.6	15.2	2.4	13.8	2.8	7.7	1.1	7.2	1.0	94.2	326	Lower Saprolite	14	351
RRMRB120	0	2	2	110.1	1474.1	24.5	85.0	14.6	2.8	11.6	1.8	10.0	1.8	5.9	0.8	5.9	0.9	49.5	1799	Hardcap	Į	
RRMRB120	2	4	2	77.5	1467.9	16.8	56.9	10.7	1.7	7.5	1.2	6.9	1.3	4.3	0.6	4.4	0.6	34.0	1692	Transition]	

																					>200 TREO-	ppm ∙CeO₂
Holo ID	From	То	Int.	La ₂ O ₃	CeO ₂	Pr ₂ O ₃	Nd ₂ O ₃	Sm ₂ O ₃	Eu ₂ O ₃	Gd ₂ O ₃	Tb ₂ O ₃	Dy ₂ O ₃	Ho ₂ O ₃	Er ₂ O ₃	Tm ₂ O ₃	Yb ₂ O ₃	Lu ₂ O ₃	Y ₂ O ₃	TREO	Regolith	Inter Length	rval TREO
Hole ID	m	m	m	ppm	ppm	ррт	ррт	ppm	ppm	ррт	ррт	ppm	ррт	ррт	ppm	ррт	ppm	ррт	ppm	Zone	(m)	ppm
RRMRB120	4	6	2	141.3	399.2	30.1	99.5	14.5	2.6	11.7	1.6	9.2	1.9	5.8	0.9	6.4	0.9	58.4	784	Clay		
RRMRB120	6	8	2	146.0	321.8	30.1	99.8	13.3	2.3	10.1	1.4	8.4	1.5	4.6	0.7	5.2	0.7	50.7	697	Clay	Į	
RRMRB120	8	10	2	107.9	171.4	22.7	75.3	10.8	1.8	8.1	1.0	5.7	1.0	3.1	0.5	3.2	0.5	35.0	448	Clay	Į	
RRMRB120	10	11	1	191.2	265.3	41.8	142.9	18.9	3.1	13.0	1.6	8.8	1.7	4.5	0.6	4.6	0.7	52.2	751	Clay	Į	
RRMRB120	11	13	2	150.7	351.3	33.2	110.7	14.7	2.5	10.8	1.5	7.7	1.4	4.2	0.6	4.4	0.7	46.5	741	Upper Saprolite	ļ	
RRMRB120	13	15	2	160.7	341.5	36.6	119.0	15.7	2.2	10.4	1.2	6.9	1.3	3.6	0.5	4.2	0.5	42.8	747	Upper Saprolite	Į	
RRMRB120	15	17	2	180.0	412.7	40.4	134.1	17.3	2.7	11.3	1.4	7.9	1.4	3.8	0.5	4.4	0.6	46.7	865	Upper Saprolite	ļ	
RRMRB120	17	19	2	185.9	384.5	41.7	135.9	18.3	2.6	11.6	1.5	7.9	1.5	4.2	0.5	4.0	0.7	47.6	848	Upper Saprolite	Į	
RRMRB120	19	21	2	188.2	362.4	41.8	136.5	18.0	2.7	12.4	1.6	7.7	1.5	4.1	0.6	4.3	0.6	47.4	830	Upper Saprolite	Į	
RRMRB120	21	23	2	187.1	352.6	40.5	135.9	18.7	2.8	11.7	1.5	7.5	1.4	3.9	0.6	4.3	0.6	46.5	816	Lower Saprolite		
RRMRB120	23	24	1	188.2	358.7	41.3	137.6	19.3	2.6	12.2	1.5	7.4	1.4	4.2	0.6	3.9	0.6	46.1	826	Lower Saprolite	20	756
RRMRB121	0	2	2	91.9	152.9	21.1	75.6	12.1	2.3	10.1	1.6	8.9	1.7	5.1	0.8	5.3	0.8	49.0	439	Soil	Į	
RRMRB121	2	4	2	53.6	355.0	12.6	42.9	7.5	1.4	6.2	1.1	6.0	1.2	3.5	0.6	4.3	0.6	30.7	527	Hardcap	Į	
RRMRB121	4	5	1	60.3	630.2	15.2	50.4	9.1	1.6	6.8	1.2	6.6	1.3	3.9	0.6	4.3	0.6	33.0	825	Hardcap	ļ	
RRMRB121	5	6	1	73.8	547.9	16.7	58.3	9.6	1.8	7.6	1.3	6.9	1.5	4.3	0.7	4.5	0.8	39.9	775	Transition		
RRMRB121	6	8	2	90.5	186.7	19.9	68.2	10.6	2.0	8.0	1.2	6.4	1.3	3.6	0.6	3.9	0.6	41.5	445	Upper Saprolite	Į	
RRMRB121	8	10	2	107.5	165.2	24.6	83.2	13.2	2.2	9.5	1.3	7.0	1.4	3.8	0.6	3.5	0.5	41.9	466	Upper Saprolite	ļ	
RRMRB121	10	12	2	106.0	157.8	23.9	82.2	12.4	2.4	9.4	1.2	6.4	1.3	3.4	0.6	3.5	0.5	42.0	453	Upper Saprolite	ļ	
RRMRB121	12	14	2	99.9	124.7	22.2	75.7	11.8	2.4	8.8	1.1	6.0	1.2	3.4	0.5	3.1	0.5	39.0	400	Upper Saprolite	Į	
RRMRB121	14	16	2	111.2	162.8	24.9	84.2	13.7	2.6	9.5	1.4	7.0	1.4	3.7	0.6	3.8	0.6	43.6	471	Upper Saprolite	Į	
RRMRB121	16	18	2	110.7	152.3	23.9	81.6	12.8	2.5	9.4	1.2	6.5	1.2	3.3	0.5	3.6	0.5	40.8	451	Upper Saprolite	Į	
RRMRB121	18	20	2	112.9	153.6	24.8	86.5	12.6	2.5	9.2	1.3	6.7	1.3	3.5	0.5	3.6	0.5	41.8	461	Upper Saprolite	ļ	
RRMRB121	20	22	2	109.7	156.6	24.2	84.1	13.3	2.4	9.5	1.2	7.2	1.3	3.9	0.5	3.7	0.6	44.4	463	Upper Saprolite	ļ	
RRMRB121	22	24	2	99.1	165.2	22.1	73.6	11.7	2.4	8.5	1.1	5.6	1.1	3.0	0.4	2.9	0.4	35.9	433	Upper Saprolite	Į	
RRMRB121	24	26	2	105.2	146.2	23.3	80.5	12.3	2.4	8.7	1.2	6.7	1.3	3.5	0.5	3.3	0.6	40.6	436	Upper Saprolite	20	448
RRMRB122	0	2	2	126.1	411.5	24.3	82.3	14.0	2.7	11.0	1.8	9.7	1.9	5.5	0.7	5.5	0.8	50.7	748	Hardcap	Į	
RRMRB122	2	4	2	172.4	762.8	28.0	83.6	12.8	2.3	8.9	1.3	7.7	1.3	3.8	0.6	4.1	0.6	33.5	1124	Hardcap	Į	
RRMRB122	4	5	1	134.9	588.4	29.0	98.9	17.0	3.0	13.1	2.0	10.9	2.0	5.8	0.9	5.7	0.9	57.5	970	Transition	[
RRMRB122	5	7	2	133.1	334.1	29.7	107.8	18.8	3.7	14.5	2.2	11.6	2.2	5.9	0.9	6.0	0.9	62.9	734	Clay	ļ	
RRMRB122	7	9	2	73.7	174.4	17.9	66.0	11.7	2.5	9.8	1.5	7.9	1.5	4.3	0.6	4.1	0.7	42.9	419	Clay	Į	
RRMRB122	9	11	2	53.6	160.3	14.4	55.6	10.4	2.1	8.6	1.2	6.5	1.3	3.7	0.5	3.4	0.5	39.9	362	Upper Saprolite	Į	
RRMRB122	11	13	2	57.2	159.1	14.0	52.4	10.2	2.2	8.4	1.2	6.2	1.1	3.3	0.5	3.1	0.5	34.4	354	Upper Saprolite	Į	
RRMRB122	13	15	2	67.0	102.4	15.9	58.9	11.0	2.8	8.6	1.2	6.7	1.1	3.2	0.5	2.6	0.4	34.8	317	Upper Saprolite	ļ	
RRMRB122	15	17	2	58.1	139.4	15.0	54.5	10.3	2.4	8.5	1.2	6.4	1.2	3.3	0.5	3.1	0.5	36.6	341	Upper Saprolite	ļ	
RRMRB122	17	19	2	58.2	131.4	14.8	57.4	10.5	2.5	8.9	1.3	6.7	1.2	3.4	0.5	3.4	0.4	40.5	341	Upper Saprolite		
RRMRB122	19	21	2	69.4	129.0	17.2	66.4	13.2	2.9	9.5	1.3	6.9	1.3	3.4	0.5	3.1	0.4	38.6	363	Upper Saprolite	Į	
RRMRB122	21	22	1	68.7	121.9	16.6	63.1	12.2	2.7	10.0	1.2	6.9	1.2	3.5	0.5	3.1	0.4	39.1	351	Upper Saprolite	17	401
RRMRB123	0	2	2	67.7	165.2	15.6	56.6	10.6	1.6	9.5	1.6	8.9	1.8	5.5	0.8	5.8	0.8	53.5	405	Hardcap		
RRMRB123	2	4	2	45.5	329.2	9.9	34.6	6.3	1.2	5.5	1.0	6.4	1.2	3.9	0.6	4.2	0.6	35.0	485	Hardcap	Į	
RRMRB123	4	6	2	77.3	218.0	17.1	58.6	11.1	1.7	9.8	1.6	9.8	1.9	5.8	1.0	6.4	0.9	62.6	484	Transition		
RRMRB123	6	7	1	85.5	400.5	19.0	64.9	12.2	1.9	10.6	1.7	10.5	2.2	6.1	1.0	7.1	1.0	70.1	694	Clay	Į	
RRMRB123	7	9	2	61.0	200.2	13.8	47.9	8.8	1.3	8.0	1.4	8.1	1.7	4.7	0.8	5.2	0.8	53.6	417	Upper Saprolite	Į	
RRMRB123	9	10	1	64.2	111.7	15.4	53.2	10.6	1.7	8.2	1.4	7.8	1.6	4.7	0.8	5.2	0.8	50.8	338	Upper Saprolite		
RRMRB123	10	12	2	141.9	129.6	33.5	115.2	21.5	3.2	17.0	2.6	14.7	2.9	8.1	1.2	8.1	1.2	94.4	595	Upper Saprolite		
RRMRB123	12	14	2	181.8	237.1	43.0	147.5	25.2	4.2	22.1	3.1	16.8	3.5	10.0	1.5	10.0	1.5	107.4	815	Upper Saprolite		
RRMRB123	14	16	2	143.7	124.7	31.3	111.0	19.6	3.3	17.2	2.6	13.8	2.8	8.3	1.3	8.7	1.4	89.7	579	Upper Saprolite	10	584
RRMRB123	16	18	2	58.5	73.7	13.3	48.4	8.5	1.6	8.3	1.3	6.2	1.5	3.8	0.6	3.8	0.6	40.0	270	Upper Saprolite	ļ	
RRMRB123	18	20	2	54.5	90.3	12.2	43.5	8.1	1.5	7.7	1.1	6.0	1.2	3.2	0.5	3.3	0.4	33.5	267	Upper Saprolite	Į	
RRMRB123	20	22	2	53.1	68.2	11.8	42.6	8.2	1.5	7.9	1.2	6.6	1.4	3.5	0.5	3.4	0.5	37.8	248	Upper Saprolite	Į	
RRMRB123	22	24	2	40.1	60.3	9.0	34.2	6.3	1.3	6.2	0.9	5.5	1.0	2.9	0.4	3.2	0.5	32.5	204	Upper Saprolite	Į	
RRMRB123	24	26	2	49.4	79.4	11.6	40.2	7.4	1.6	7.1	1.1	5.9	1.2	3.4	0.5	3.5	0.5	35.2	248	Upper Saprolite		

From No. Ho. Ho.O. Ho.O																						TREO-	CeO ₂
Home From Ho Lob Colo Poid Mod Bood Bood Bodd Bod															_	-					_	Inter	val
ENSEMP12 Image: Solution of the state of th	Hole ID	From	То	Int.	La ₂ O ₃	CeO ₂	Pr ₂ O ₃	Nd ₂ O ₃	Sm ₂ O ₃	Eu ₂ O ₃	Gd ₂ O ₃	Tb ₂ O ₃	Dy ₂ O ₃	Ho ₂ O ₃	Er ₂ O ₃	Tm ₂ O ₃	Yb ₂ O ₃	Lu ₂ O ₃	Y ₂ O ₃	TREO	Regolith	Length	TREO
EBBBORG D 2 2 77 2 98 1.1 1.5 1.4 4.5 0.6 4.4 0.7 0.7 0.55 1.5 0.5 1.5 0.5 1.5 0.5 1.5 0.5 1.5 0.5 1.5 0.5 1.5 0.5 1.5 0.5 1.5 0.5 1.5 0.5 1.5 0.5	RRMRB123	26	27	1	59 5	77 <i>/</i>	13.1	48.2	ppin 03	2 ppm 1 7	8 1	1 3	7 0	1 3	4 0	ppin 0.5	ppin 4.2	ppm 0.6	40.5	277	Lipper Saprolite	(111)	ррш
PERPENDIQ Q V Vol Vol </td <td>DDMDB124</td> <td>20</td> <td>21</td> <td>2</td> <td>71.2</td> <td>505.8</td> <td>16.6</td> <td>40.2 50.4</td> <td>9.3 10.7</td> <td>1.7</td> <td>0.1</td> <td>1.3</td> <td>7.0</td> <td>1.5</td> <td>4.0</td> <td>0.0</td> <td>4.2</td> <td>0.0</td> <td>40.5</td> <td>835</td> <td>Upper Sapronite</td> <td></td> <td></td>	DDMDB124	20	21	2	71.2	505.8	16.6	40.2 50.4	9.3 10.7	1.7	0.1	1.3	7.0	1.5	4.0	0.0	4.2	0.0	40.5	835	Upper Sapronite		
ENERGIAL 4 5 7 2 63 13 84 14 80 17 44 80 17 44 80 17 44 80 17 44 80 17 44 80 17 44 80 17 44 80 17 44 80 17 44 80 17 44 80 17 45 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 18 14 13 37 17 16 41 16 41 16 41 16 44 16 44 16 44 16 44 16 44 16 44 16 44 16 44 16 44 16 44 16 44 16 44 16 44 16 44 16 44 16 4	RRMRB124	2	2	2	11.2	216.8	0.01	34.2	6.4	0.7	9.5 / Q	0.9	5.1	1.0	4.9	0.0	4.0	0.7	32.8	367	Gravel	ł	
BENER124 5 7 2 0.1 300.0 115 0.2 17 17 18 14 12 14 12 14 12 14 12 14 12 14 12 14 12 14 12 14 12 14 12 14 12 14 12 14 15 12 14 12 14 15 12 14 12 14 12 14 12 14 14 14 15 15 41 15 41 15 41 15 41 15 41 15 41 15 41 15 41 15 41 15 41 15 41 10	RRMRB124	4	5	1	70.6	255.5	15.6	53.3	9.6	1.3	8.4	1.4	8.0	1.0	4.8	0.0	5.5	0.0	54.2	492	Gravel	ł	
Unteresting 7 9 2 142 143 17 12 443 10 19 13 39 0.6 4.3 0.7 39.9 911 120 420 11 120 420 11 120 420 120 420 120 420 13 37 13 37 13 37 14 16 11 16 100 100 100 110 1	RRMRB124	5	7	2	80.1	320.6	18.1	61.2	10.7	1.0	84	1.1	8.2	1.1	4.8	0.8	5.4	0.8	50.3	574	Clav	2	574
EBBR/ER12 0 11 2 448 24 12 14 15 2 668 15 16 <	RRMRB124	7	9	2	54.2	133.9	12.3	41.8	7.7	1.7	6.4	1.0	5.9	1.0	3.9	0.5	4.3	0.7	35.9	311	Clay	-	0/1
ERMBARI24 11 11 12 2 66 910 161 600 93 1.4 6.6 1.5 4.1 1.6 4.3 0.6 4.3 0.4 0.6 4.3 0.4 4.3 0.6 4.3 0.3 0.6 4.3 4.3 0.6 4.3 4.3 0.6 4.3 0.6	RRMRB124	9	11	2	49.8	241.4	12.0	42.5	7.2	1.3	7.0	1.0	6.2	1.3	3.7	0.6	4.1	0.6	40.0	419	Upper Saprolite	l	
ERRAWER124 13 15 2 99 70.5 2 17 52 0.7 4.6 0.6 57.1 52.2 Upger Segroline ERRAWER124 17 19 2 74.1 77.4 18.3 85.8 15.8<	RRMRB124	11	13	2	66.6	191.0	16.1	60.0	9.3	1.4	8.6	1.3	7.3	1.5	4.1	0.6	4.3	0.6	48.3	421	Upper Saprolite		
IPURAPENIZA 115 117 2 7.41 17.44 18.3 6.68 10.5 1.6 100 1.3 7.7 1.6 4.1 0.66 4.23 0.00 4.20 Upper Seguritie BRWAREIZA 118 118.8 12.0 11.8 8.8 1.1 17.7 1.6 4.1 0.6 4.23 0.0 4.27 0.00 4.27 0.00 4.27 0.00 4.27 0.00 4.27 0.00 4.27 0.00 4.27 0.00 4.27 0.00 4.27 0.00 4.27 0.00 4.27 0.00 4.27 0.00 4.27 0.00 4.27 0.00 4.27 0.00 4.20 0.00 4.27 0.00 4.20 0.00 4.20 0.00 4.20 0.00 4.20 0.00 4.20 0.00 4.20 0.00 4.20 0.00 4.20 0.00 4.20 0.00 4.20 0.00 4.20 0.00 4.20 0.00	RRMRB124	13	15	2	99.9	204.5	25.1	87.1	13.7	1.9	11.1	1.6	8.3	1.7	5.2	0.7	4.6	0.6	57.1	523	Upper Saprolite	1	
RRMRP124 17 19 2 800. 180. 13. 77 16. 41. 0.6 39. 0.6 507. 433. Upper Sarroline RRMRP126 0 2 2 820. 17. 11. 41. 77. 15. 44. 0.0 507. 483. Upper Sarroline 10 451 RRMRP126 0 2 4 6 6.6 13. 17.7 15. 14. 47.0 130. 132. 15. 33. 0.5 33. 0.5 33. 0.5 34.0 44.1 10. 19. 10. 45.0 17.7 12.0 16.0 47.0 16.4 47.0 16.4 47.0 14.0 47.0 17.0 47.7 17.0 47.7 17.0 47.7 17.0 47.7 17.0 47.7 16.0 47.0 16.0 47.0 10.0 47.0 10.0 47.0 10.0 47.0 10.0 47.0 10.0	RRMRB124	15	17	2	74.1	171.4	18.3	65.8	10.5	1.6	9.0	1.3	7.4	1.5	4.1	0.6	4.2	0.6	49.3	420	Upper Saprolite	{	
RRMR0124 19 21 2 82.0 168.8 20.1 71.2 12.1 16 88.8 14.4 77.7 15.5 42.0 06 33 0.6 51.4 437 Upper Suprofie 10 451 RRMR0125 2 4.4 2 65.6 933 11.4 14.6 14.6 15.5 11.4 2.0 0.5 33 0.5 32.1 738 Hardage RFMR0125 4 5 6 1 888.9 164.8 10.0 19 8.9 11.3 78 17.4 2.0 0.6 4.33 4.34 Hardage RFMR0125 6 6 8 2 0.43 10.6 0.4 1.1 1.7 1.4 4.1 0.6 4.34 0.6 4.34 0.6 4.34 0.6 4.34 0.6 4.34 0.6 4.34 0.6 4.34 0.6 4.34 0.6 4.34 0.6 3.3 0.6	RRMRB124	17	19	2	80.6	186.1	20.6	71.9	11.8	1.8	9.6	1.3	7.7	1.6	4.1	0.6	3.9	0.6	50.7	453	Upper Saprolite	ł	
RRMR0125 0 2 2 151 12407 105 382 6.4 12 51 0.8 48 0.0 29 0.4 30 0.4 27.0 1322 Hardsap RRMR0125 4 5 1 0.86 64 10 58 11.1 32 0.6 4.7 0.7 4.77 548 Hardsap RRMR0125 5 6 1 0.84 64.1 1.3 7.5 1.4 4.1 0.6 4.2 0.6 4.3 0.3 0.5 4.3 4.3 0.3 0.5 1.4 4.1 0.6 4.3 0.6 4.4 3.3 0.6 4.3 0.6 4.4 3.3 0.6 4.4 4.4 0.6 4.4 4.33 0.6 4.4 4.4 4.4 4.4 4.4 4.4 4.4 4.4 4.4 4.4 4.4 4.4 4.4 4.4 4.4 4.4 4.4 4.4 4.4 </td <td>RRMRB124</td> <td>19</td> <td>21</td> <td>2</td> <td>82.0</td> <td>168.9</td> <td>20.1</td> <td>71.2</td> <td>12.1</td> <td>1.6</td> <td>9.8</td> <td>1.4</td> <td>7.7</td> <td>1.5</td> <td>4.2</td> <td>0.6</td> <td>3.9</td> <td>0.6</td> <td>51.4</td> <td>437</td> <td>Upper Saprolite</td> <td>10</td> <td>451</td>	RRMRB124	19	21	2	82.0	168.9	20.1	71.2	12.1	1.6	9.8	1.4	7.7	1.5	4.2	0.6	3.9	0.6	51.4	437	Upper Saprolite	10	451
RPRMR125 2 4 2 66.6 593.1 14.0 484.1 15 7.1 10 59.1 11.1 32.2 0.5 33.1 0.5 32.1 T78 Hurckap RRMR125 5 6 1 88.9 164.6 19.0 65.4 10.0 1.9 8.9 13.1 7.5 1.4 4.2 0.6 4.7 0.5 43.3 4.22 1.5 4.4 4.1 0.5 3.9 0.5 43.4 4.2 0.5 43.3 4.22 1.5 1.4 4.1 0.5 3.9 0.5 43.4 4.2 0.5 4.3 0.6 4.7.4 3.7 0.5 4.2 0.5 0.5 4.3 0.6 4.7.4 3.7 0.5 4.2 2.0 0.5 3.3 0.0 1.3 0.5 3.2 0.4 3.3 0.5 3.4 0.5 3.3 0.0 1.4 3.4 0.5 3.7 1.4 4.1 0.5 3.7 0.5 4.2 2.2 0.0 0.3 0.4 0.5 0.2	RRMRB125	0	2	2	51.5	1240.7	10.5	36.2	6.4	1.2	5.1	0.8	4.8	0.9	2.9	0.4	3.0	0.4	27.0	1392	Hardcap		
RRMR0125 4 5 1 188. 277.6 202 683 11.3 18. 9.4 13. 7.8 17. 4.2 0.6 4.7 0.7 4.77. 548 Hunckap RRMR0125 6 8 2 64.3 178.3 150 63.3 9.0 1.8 7.2 1.2 6.2 1.4 4.1 0.5 43.4 391 Clay RRMR0125 10 1.1 1 59.8 10.2 1.4 1.4 1.4 4.1 0.5 3.7 0.6 45.2 302 Clay Station 1.1 1.1 1.5 1.4 4.1	RRMRB125	2	4	2	66.6	593.3	14.6	49.6	8.4	1.5	7.1	1.0	5.9	1.1	3.2	0.5	3.3	0.5	32.1	789	Hardcap	ĺ	
RRMR8125 5 6 1 88.9 14.4 17.5 1.4 4.2 0.6 4.3 3.2 Tornstion RRMR8125 6 6 2 94.3 17.8 15.0 53.3 90.1 18.7.2 12.2 6.2 14.4 4.1 0.5 3.3 0.6 4.3.4 301 Clay RRMR8125 10 11 15.8 10.2 14.7 16.8 14.4 4.1 0.5 3.7 0.6 4.52 309 Upper Saprolite RRMR8125 12 14.2 4.64 10.0 5.7 14.4 4.1 0.5 3.7 0.6 4.52 309 Upper Saprolite RRMR8125 14 16 2 4.1 30.3 4.4 10.0 5.7 1.4 4.1 0.5 3.2 0.4 0.4 2.2 0.4 3.3 2.4 0.4 2.3 0.0 4.3 3.3 2.5 0.0 0.0 2.3	RRMRB125	4	5	1	89.8	277.6	20.2	69.3	11.3	1.8	9.4	1.3	7.8	1.7	4.2	0.6	4.7	0.7	47.7	548	Hardcap	ĺ	
RRMR8125 6 8 2 94.3 178.3 150 65.3 90.0 1.8 7.2 1.2 6.2 1.4 4.1 0.5 3.3 0.6 4.3.4 301 Clay RRMR8125 10 11 1 59.8 102.6 14.1 51.6 8.4 1.6 5.3 1.6 4.4 378 Clay 379 Clay 370 6.6 4.52 339 Clay 378 Clay 2000 Soc 320 Clay 370 6.6 4.52 320 Log 320 Clay 370 6.6 4.57 1.1 4.1 0.5 3.2 0.4 4.31 L22 0.2 1.3 0.0 4.2 0.42 0.3 2.4 0.4 2.5 2.4 0.4 2.5 2.4 0.4 2.5 2.4 0.4 2.5 2.4 0.4 2.5 2.4 0.4 2.5 2.4 0.4 2.5 2.4 0.4 </td <td>RRMRB125</td> <td>5</td> <td>6</td> <td>1</td> <td>88.9</td> <td>164.6</td> <td>19.0</td> <td>65.4</td> <td>10.0</td> <td>1.9</td> <td>8.9</td> <td>1.3</td> <td>7.5</td> <td>1.4</td> <td>4.2</td> <td>0.6</td> <td>4.2</td> <td>0.5</td> <td>43.3</td> <td>422</td> <td>Transition</td> <td>1</td> <td></td>	RRMRB125	5	6	1	88.9	164.6	19.0	65.4	10.0	1.9	8.9	1.3	7.5	1.4	4.2	0.6	4.2	0.5	43.3	422	Transition	1	
RRMR8125 8 10 2 77.3 124 18.0 64.7 10.8 2.1 9.7 1.3 7.4 1.6 4.3 0.6 47.4 378 Clay RRMR8125 10 11 1 58.8 0.2 4.41 51.6 0.6 1.4 3.0 0.5 45.2 320 Upper Sagnotile RRMR8125 12 14 2 45.0 84.5 11.0 39.3 6.6 1.6 1.0 5.7 1.1 3.1 1.6 6.4 0.0 2.2 1.1 3.0 0.4 2.7 0.4 3.3.1 2.5 0.6 0.9 4.5 0.8 2.4 0.4 0.4 2.5 2.2 0.4 0.4 1.3 0.6 0.4 0.0 2.2 0.3 2.2 0.3 2.2 0.3 2.2 2.5 2.27 0.4 0.4 1.3 7.0 1.3 1.4 1.4 0.0 0.2 2.0 3	RRMRB125	6	8	2	64.3	179.3	15.0	53.3	9.0	1.8	7.2	1.2	6.2	1.4	4.1	0.5	3.9	0.5	43.4	391	Clay	j	
RRMB8125 10 11 1 5.8 11 6.6 1.4 3.8 0.5 3.7 0.6 45.2 300 Clay RNMB8125 11 12 1 65.4 105.5 15.6 8.9 4.2 8.8 13 7.1 1.4 4.1 0.5 44.2 28.0 Upper Saprolite 6 383 RNMB8125 14 16 2 42.2 8.2 1.0 5.7 1.1 3.1 0.5 3.2 0.4 331 230 Upper Saprolite 6 383 RNMB125 18 20 4.03 107.2 34 3.8 5.7 1.4 5.0 0.7 4.1 0.8 2.8 0.3 2.4 0.4 2.5 2.7 1.0 3.2 0.3 2.24 0.3 2.21 0.3 2.25 2.27 1.0 0.5 5.0 0.8 4.1 0.8 2.4 0.3 2.2 0.3 2.2	RRMRB125	8	10	2	77.3	128.4	18.0	64.7	10.8	2.1	9.7	1.3	7.4	1.6	4.3	0.6	4.3	0.6	47.4	378	Clay)	
RRMR8125 11 12 1 65.4 105.5 15.7 66.8 9.4 2.1 8.8 1.3 7.1 1.4 4.1 0.5 3.7 0.5 44.2 230 Upper Saprolite RRMR8125 14 16 2 42.2 80.2 10.5 39.9 7.2 1.7 6.2 0.9 5.2 1.1 3.0 0.4 2.7 0.4 33.1 236 Upper Saprolite RRMR8125 18 10 13.4 1.4 5.0 0.7 4.1 0.8 2.3 0.3 2.4 0.4 2.76 2.2 1.0 3 2.85 2.2 1.0.3 2.85 2.2 1.0.3 2.85 2.2 1.0.3 2.85 2.2 1.0.3 2.85 2.2 1.0.3 2.85 2.2 1.0.9 3.8 5.1 0.7 1.3 0.3 2.4 0.4 2.3 0.3 2.5 1.0.9 1.1.1 3.0.6 4.0.3 2.3	RRMRB125	10	11	1	59.8	102.6	14.1	51.6	8.9	1.6	7.6	1.1	6.5	1.4	3.8	0.5	3.7	0.6	45.2	309	Clay)	
RRMR8125 12 14 2 45.0 84.5 11.0 39.3 6.8 1.6 6.4 1.0 5.7 1.1 3.1 0.5 3.2 0.4 38.7 249 Upper Saprolite RNMR8125 16 18 2 61.0 136.4 14.7 50.5 8.3 1.5 6.6 0.9 4.5 0.8 2.6 0.3 2.4 0.4 2.55 240 Upper Saprolite RNMR8125 20 22 2 41.3 92.3 10.1 3.4 6.4 1.3 5.1 0.7 4.0 0.9 2.3 0.3 2.2 0.3 2.2 2.0 2.9 4.3 0.99 8.9 8.9 1.0 7.4 0.0 9.2 3 0.3 2.2 1.0 3.2 4.0 8.2 4.0 9.2 1.3 0.3 2.5 2.27 Upper Saprolite 9.8 1.0 1.4 5.0 0.8 4.4 1.0 2.4 0.0 4.0 4.0 3.5 1.0 6.0 4.0 1.0 2.0 </td <td>RRMRB125</td> <td>11</td> <td>12</td> <td>1</td> <td>65.4</td> <td>105.5</td> <td>15.7</td> <td>56.8</td> <td>9.4</td> <td>2.1</td> <td>8.8</td> <td>1.3</td> <td>7.1</td> <td>1.4</td> <td>4.1</td> <td>0.5</td> <td>3.7</td> <td>0.5</td> <td>46.2</td> <td>329</td> <td>Upper Saprolite</td> <td>6</td> <td>363</td>	RRMRB125	11	12	1	65.4	105.5	15.7	56.8	9.4	2.1	8.8	1.3	7.1	1.4	4.1	0.5	3.7	0.5	46.2	329	Upper Saprolite	6	363
IRMM8125 14 16 2 42.2 42.2 40.2 10.5 39.9 7.2 1.7 6.2 0.9 5.2 1.1 3.0 0.4 32.1 23.5 Upper Saprolite RRMM8125 16 18 2 4.0.4 10.1 13.4 1.7 5.5 6.6 0.9 4.5 0.8 2.6 0.3 2.4 0.4 22.6 6.1 10.1 34.3 6.4 1.3 5.1 0.7 4.1 0.8 2.3 0.3 2.2 0.3 2.5 2.27 0.4 0.4 0.5 0.2 0.3 2.2 0.3 2.2 0.2 0.2 0.3 2.4 0.3 2.3 0.3 2.2 2.4 2.4 0.6 1.1 1.4 5.0 0.8 4.4 1.0 2.4 0.3 2.3 1.4 1.4 1.6 0.4 1.4 1.4 0.4 1.4 1.4 1.4 1.4 1.6 0.6 4.3 0.6 4.3 0.6 4.3 0.6 4.3 0.6 1.0 1.4	RRMRB125	12	14	2	45.0	84.5	11.0	39.3	6.8	1.6	6.4	1.0	5.7	1.1	3.1	0.5	3.2	0.4	38.7	249	Upper Saprolite		
IRRNR8125 16 18 2 6.10 138.4 14.7 50.5 8.3 1.5 6.6 0.9 4.5 0.8 2.6 0.3 2.4 0.4 27.6 318 Upper Saprolite RRNR8125 20 22 2.4 4.3 392.3 10.1 34.3 6.4 1.3 5.1 0.7 4.1 0.8 2.3 0.3 2.4 0.4 4.4 2.9 2.0 2.0 2.2 2.0 2.2 2.0 2.2 2.0 2.2 2.0 2.4 2.4 4.4 10.0 1.5 5.0 0.8 4.4 1.0 2.4 0.3 2.1 0.3 2.4 2.4 2.6 2.4 2.6 1.7 1.4 5.4 0.8 4.4 1.0 2.4 0.3 2.4 0.4 2.4 2.3 1.3 7.2 1.4 4.6 0.6 4.3 0.6 4.0 4.4 1.7 1.7 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.4 0.6 0.6 0.6 0.6	RRMRB125	14	16	2	42.2	80.2	10.5	39.9	7.2	1.7	6.2	0.9	5.2	1.1	3.0	0.4	2.7	0.4	33.1	235	Upper Saprolite		
RRMR8125 18 20 2 40.8 107.2 9.4 33.8 5.7 1.4 5.0 0.7 4.1 0.8 2.3 0.3 2.4 0.4 25.5 224 Upper Saprolite RRMR8125 22 2 2 4.13 9.3 1.6 1.3 5.1 0.7 4.0 0.8 2.3 0.3 2.2 0.3 2.55 2.27 Upper Saprolite RRMR8125 24 2.6 2 4.66 106.1 11.4 5.4 0.8 4.4 1.0 2.4 0.3 2.6.1 2.54 2.23 Upper Saprolite RRMR8126 0 2 2 6.47 312.0 16 4.6 0.6 4.3 0.6 4.6 0.6 4.3 1.0 6.6 1.0 1.0 1.0 1.0 1.0 1.7 7.7 1.3 4.3 0.6 4.5 0.6 4.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.	RRMRB125	16	18	2	61.0	136.4	14.7	50.5	8.3	1.5	6.6	0.9	4.5	0.8	2.6	0.3	2.4	0.4	27.6	318	Upper Saprolite	Į	
IRPRMB125 20 22 2 41.3 92.3 10.1 34.3 6.4 1.3 5.1 0.7 4.0 0.9 2.3 0.3 2.2 0.3 2.5 227 Upper Saprolite RRMRB125 24 23 2.1 0.3 25.4 253 Upper Saprolite RRMR5126 0 2 2 64.7 312.0 16.0 10.6 1.7 7.7 1.3 7.0 1.3 4.3 0.6 4.5 0.6 38.1 1422 Hardcap RRMR5126 5 6 1 11.5 140 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	RRMRB125	18	20	2	40.8	107.2	9.4	33.8	5.7	1.4	5.0	0.7	4.1	0.8	2.3	0.3	2.4	0.4	25.9	240	Upper Saprolite	Į	
RRMR8125 22 24 2 44.2 100.5 10.9 37.7 6.0 1.5 5.0 0.8 4.1 0.8 2.4 0.3 2.6.0 243 Upper Saprolite RRMR8126 0 2 2 64.7 312.0 15.3 51.8 9.4 1.8 8.2 1.3 7.2 1.4 4.6 0.6 4.3 0.6 40.8 524 Hardcap RRMR8126 2 3 1 76.5 1189.1 17.5 61.0 10.6 1.7 7.7 1.3 7.0 1.3 4.3 0.6 4.5 0.6 38.1 1422 Hardcap RRMR8126 5 6 1 115.8 196.0 11.4 2.3 11.1 1.6 9.4 1.8 5.5 0.9 59.1 639 Clay RRMR8126 6 1.1 1.8 8.6 1.0 5.9 1.1 3.4 0.5 3.3 0.5 35.8 30.6 Upper Saprolite Upper Saprolite 1.4 5.2 1.2 3.5	RRMRB125	20	22	2	41.3	92.3	10.1	34.3	6.4	1.3	5.1	0.7	4.0	0.9	2.3	0.3	2.2	0.3	25.5	227	Upper Saprolite		
RRMR8125 24 26 2 46.6 106.1 11.4 38.5 7.1 1.4 5.4 0.8 4.4 1.0 2.4 0.3 2.3 0.3 25.4 253 Upper Saprolite RRMR8126 2 3 1 76.5 118.91 17.5 61.0 10.6 1.7 7.7 1.3 7.0 1.3 4.3 0.6 4.08 5.4 0.9 56.1 142 Hardcap RRMR8126 3 5 2 117.3 291.1 28.0 86.1 14.4 2.3 10.9 1.6 9.6 1.9 5.7 0.8 5.5 0.8 5.4 0.9 59.1 530 Clay RRMR8126 6 8 1 1.4 2.3 10.9 1.6 9.6 1.9 5.7 0.8 5.5 0.8 5.0 1.539 Clay Clay Clay Clay 1.4 1.4 0.5 1.3 0.5 3.5 3.5 3.5 0.5 0.5 0.5 1.2 1.4 0.5 0.5	RRMRB125	22	24	2	44.2	100.5	10.9	37.7	6.0	1.5	5.0	0.8	4.1	0.8	2.4	0.3	2.1	0.3	26.0	243	Upper Saprolite	Į	
RRMR8126 0 2 2 64.7 312.0 15.3 51.8 9.4 1.8 8.2 1.3 7.2 1.4 4.6 0.6 4.3 0.6 4.08 524 Hardcap RRMR8126 2 3 1 765 1189.1 17.5 61.0 10.6 1.7 7.7 1.3 4.3 0.6 4.5 0.6 4.08 52.0 10.1 635 Clay RRMR8126 6 8 2 11.1 1.8 8.6 1.3 7.3 1.6 4.6 0.7 4.4 0.7 4.0 0.6 4.0 0.7 4.4 0.7 4.4 0.7 6.0 1.0 1.9 1.6 9.6 1.0 2.9 0.4 3.1 2.2 1.0 1.0 1.0 1.0 2.9 0.4 3.1 2.2 1.0 1.0 1.0 1.0 2.9 0.4 3.1 2.2 0.0 1.2 2.3 0.5 3.3 0.5 3.6 1.2 2.0 0.4 2.9 0.4 3.1 4.	RRMRB125	24	26	2	46.6	106.1	11.4	38.5	7.1	1.4	5.4	0.8	4.4	1.0	2.4	0.3	2.3	0.3	25.4	253	Upper Saprolite		
RRMR8126 2 3 1 76.5 119.1 117.5 61.0 10.6 1.7 7.7 1.3 7.0 1.3 4.3 0.6 4.5 0.6 38.1 1422 Hardcap RRMR8126 5 6 1 115.8 1990 25.6 86.1 14.1 2.3 11.0 1.6 9.6 1.9 5.7 0.8 5.5 0.9 5.01 5.30 Clay RRMR8126 6 8 2 91.1 139.4 2.0.1 68.6 1.11 1.8 6.6 0.7 4.4 0.7 46.0 407 Clay RRMR8126 10 12 6.92 10.0 15.7 7.1 6.0 0.5 0.1 0.2.9 0.4 2.9 0.4 31.2 239 Upper Saprolite RRMR8126 10 14 2 54.3 3.0 0.5 36.1 19 Upper Saprolite RRMR8126 14 16 2 74.8 221.1 17.0 59.3 9.5 2.1 8.4 1.2 <td>RRMRB126</td> <td>0</td> <td>2</td> <td>2</td> <td>64.7</td> <td>312.0</td> <td>15.3</td> <td>51.8</td> <td>9.4</td> <td>1.8</td> <td>8.2</td> <td>1.3</td> <td>7.2</td> <td>1.4</td> <td>4.6</td> <td>0.6</td> <td>4.3</td> <td>0.6</td> <td>40.8</td> <td>524</td> <td>Hardcap</td> <td>Į</td> <td></td>	RRMRB126	0	2	2	64.7	312.0	15.3	51.8	9.4	1.8	8.2	1.3	7.2	1.4	4.6	0.6	4.3	0.6	40.8	524	Hardcap	Į	
RRMRB126 3 5 2 117.3 291.1 26.0 86.9 14.3 2.3 11.1 1.6 9.4 1.8 5.5 0.8 5.4 0.9 61.0 632 Clay RRMRB126 5 6 1 115.8 190.0 25.6 86.1 14.1 2.3 10.9 1.6 9.6 1.9 5.7 0.8 5.5 0.9 5.9 5.33 Clay RRMR8126 6 8 10 2 62.6 8.1 14.1 2.3 11.1 16.8 9.6 1.1 3.4 0.5 3.3 0.5 35.8 Clay Clay RRMR8126 12 14 2 80.6 127.7 1.4 6.2 1.2 3.5 0.5 3.3 0.5 36.1 519 Upper Saprolite RRMR8126 14 16 2 74.8 221.1 17.2 1.1 6.2 1.2 3.5 0.5 3.3 0.5 38.1 425 Upper Saprolite RRMR8126 12 14.3	RRMRB126	2	3	1	76.5	1189.1	17.5	61.0	10.6	1.7	7.7	1.3	7.0	1.3	4.3	0.6	4.5	0.6	38.1	1422	Hardcap		
RRMR8122 5 6 1 1198 2.5 1.9 5.7 0.8 5.5 0.9 591 539 Clay RRMR8122 6 8 2 91.1 1394 20.1 686. 111 1.8 8.6 1.3 7.3 1.6 4.6 0.7 4.6. 0.7 4.7. 0.7 0.8 5.7 1.7 0.8 5.7 1.7 0.8 5.7 1.7 0.5 2.1 8.4 1.2 6.6 1.3 3.5 <td>RRMRB126</td> <td>3</td> <td>5</td> <td>2</td> <td>117.3</td> <td>291.1</td> <td>26.0</td> <td>86.9</td> <td>14.3</td> <td>2.3</td> <td>11.1</td> <td>1.6</td> <td>9.4</td> <td>1.8</td> <td>5.5</td> <td>0.8</td> <td>5.4</td> <td>0.9</td> <td>61.0</td> <td>635</td> <td>Clay</td> <td></td> <td></td>	RRMRB126	3	5	2	117.3	291.1	26.0	86.9	14.3	2.3	11.1	1.6	9.4	1.8	5.5	0.8	5.4	0.9	61.0	635	Clay		
RRMR8126 6 8 2 91.1 139.4 20.1 68.6 11.1 1.8 8.6 1.3 7.3 1.6 4.6 0.7 4.4 0.7 46.0 407 Clay RRMR8126 10 12 2 64.1 69.5 12.4 43.5 7.2 1.4 5.6 0.8 5.0 1.0 2.9 0.4 2.9 0.4 31.2 239 Upper Saprolite RRMR8126 12 14 2 89.6 27.4 16.7 54.2 9.3 2.1 7.2 1.1 6.2 1.2 0.5 3.3 0.5 3.3 0.5 3.1 54.13 45.0 Upper Saprolite RRMR8126 12 14 16 2 74.6 180.0 19.8 65.7 10.5 2.4 9.4 1.3 6.9 1.4 3.6 0.5 3.4 0.6 39.7 450 Upper Saprolite RRMR8126 20 2 8.6 1.0 2.4 9.4 1.3 6.6 1.3 4.0 0.5	RRMRB126	5	6	1	115.8	199.0	25.6	86.1	14.1	2.3	10.9	1.6	9.6	1.9	5.7	0.8	5.5	0.9	59.1	539	Clay	Į	
RRMRB126 8 10 2 69.2 100.7 15.7 51.8 8.8 1.4 6.9 1.0 5.9 1.1 3.4 0.5 3.3 0.5 33.8 30.6 Upper Saprolite RRMRB126 12 14 2 54.1 69.2 102.4 43.5 7.2 1.1 6.2 1.2 3.5 0.5 33.3 0.5 36.1 519 Upper Saprolite RRMRB126 14 16 2 74.8 221.1 17.0 59.3 9.5 2.1 8.4 1.2 6.9 1.4 4.0 0.6 3.7 0.5 34.1 34.50 Upper Saprolite RRMRB126 18 20 2 101.2 165.2 10.5 2.4 9.4 1.3 6.9 1.4 4.0 0.6 33.7 0.5 33.4 0.6 39.7 450 Upper Saprolite RNMRB126 20 22 8.75 155.4 16.7 57.7 9.5 2.2 8.0 1.2 6.6 1.3 4.0 0.5 33.2 <td>RRMRB126</td> <td>6</td> <td>8</td> <td>2</td> <td>91.1</td> <td>139.4</td> <td>20.1</td> <td>68.6</td> <td>11.1</td> <td>1.8</td> <td>8.6</td> <td>1.3</td> <td>7.3</td> <td>1.6</td> <td>4.6</td> <td>0.7</td> <td>4.4</td> <td>0.7</td> <td>46.0</td> <td>407</td> <td>Clay</td> <td>ļ</td> <td></td>	RRMRB126	6	8	2	91.1	139.4	20.1	68.6	11.1	1.8	8.6	1.3	7.3	1.6	4.6	0.7	4.4	0.7	46.0	407	Clay	ļ	
RRMRB126 10 12 2 54.1 69.5 12.4 43.5 12 1.0 2.9 0.4 2.9 0.4 3.2 1.2 2.9 0.967 Sprolite RRMRB126 12 14 2 89.6 287.4 16.7 54.2 9.3 2.1 7.2 1.1 6.2 1.2 3.5 0.5 3.3 0.5 34.1 452 Upper Saprolite RRMRB126 14 16 2 74.8 221.1 17.0 59.3 9.5 2.1 8.4 1.2 6.9 1.4 4.0 0.6 3.7 0.5 41.3 452 Upper Saprolite RRMRB126 16 18 2.0 10.5 2.4 9.4 1.3 6.9 1.4 3.6 0.5 3.4 0.5 3.7.2 391 Upper Saprolite RRMRB126 16 18 2.0 10.5 2.4 9.4 1.2 6.6 1.3 3.5 0.5 3.4 0.5 3.2.9 391 Upper Saprolite RRMRB126 2.2 <td>RRMRB126</td> <td>8</td> <td>10</td> <td>2</td> <td>69.2</td> <td>100.7</td> <td>15.7</td> <td>51.8</td> <td>8.8</td> <td>1.4</td> <td>6.9</td> <td>1.0</td> <td>5.9</td> <td>1.1</td> <td>3.4</td> <td>0.5</td> <td>3.3</td> <td>0.5</td> <td>35.8</td> <td>306</td> <td>Upper Saprolite</td> <td></td> <td></td>	RRMRB126	8	10	2	69.2	100.7	15.7	51.8	8.8	1.4	6.9	1.0	5.9	1.1	3.4	0.5	3.3	0.5	35.8	306	Upper Saprolite		
RRMRB126 12 14 2 88.6 287.4 16.7 34.2 9.3 2.1 7.2 1.1 6.2 1.2 3.3 0.5 3.3 0.5 3.1 519 Upper Saprolite RRMRB126 16 18 2 104.6 180.0 19.8 65.7 10.5 2.4 9.4 1.3 6.9 1.4 4.0 0.6 3.7 4.50 Upper Saprolite RRMRB126 16 18 2 104.6 180.0 19.8 65.7 10.5 2.4 9.4 1.3 6.9 1.4 4.0 0.6 3.7 0.5 34.1 452 Upper Saprolite RRMRB126 18 20 2 16.7 155.4 16.7 57.7 9.5 2.2 8.0 1.2 6.6 1.3 4.0 0.5 37.2 310 Upper Saprolite RRMRB126 24 26 2 71.5 156.6 14.6 51.9 7.6 1.9 6.5 1.0 5.8 1.1 3.1 0.5 32.9 0.5	RRMRB126	10	12	2	54.1	69.5	12.4	43.5	7.2	1.4	5.6	0.8	5.0	1.0	2.9	0.4	2.9	0.4	31.2	239	Upper Saprolite		
RRMRB126 14 16 2 74.8 22.1 17.0 39.3 9.3 2.1 8.4 1.2 6.9 1.4 4.0 0.5 3.7 0.5 4.13 4.92 Upper Saprolite RRMRB126 16 18 2 101.2 165.2 18.8 63.6 10.2 2.2 8.3 1.2 6.6 1.3 4.0 0.5 3.4 0.5 3.8.1 425 Upper Saprolite RRMRB126 20 22 2 8.7.5 155.4 16.7 57.7 9.5 2.2 8.0 1.2 6.6 1.3 3.5 0.5 3.4 0.5 3.2.9 410 Upper Saprolite RRMRB126 22 24 2 75.6 10.3 1.0 6.1 1.2 3.3 0.5 2.9 0.5 32.8 32.8 32.9 410 Upper Saprolite RRMRB126 24 26 2 75.5 1.4 4.0 5.0 1.1 3.0 0.4 2.7 0.4 30.4 319 0.8 32	RRMRB126	12	14	2	89.6	287.4	16.7	54.2	9.3	2.1	7.2	1.1	6.2	1.2	3.5	0.5	3.3	0.5	36.1	519	Upper Saprolite		
RRMRB126 16 16 12 104.6 160.0 19.6 63.7 1.3 2.4 9.4 1.3 6.9 1.4 3.6 0.5 3.4 0.05 3.1 0.05 <td>RRMRB126</td> <td>14</td> <td>10</td> <td>2</td> <td>104.6</td> <td>221.1</td> <td>17.0</td> <td>59.3</td> <td>9.5</td> <td>2.1</td> <td>8.4</td> <td>1.2</td> <td>6.9</td> <td>1.4</td> <td>4.0</td> <td>0.6</td> <td>3.7</td> <td>0.5</td> <td>41.3</td> <td>452</td> <td>Upper Saprolite</td> <td>ł</td> <td></td>	RRMRB126	14	10	2	104.6	221.1	17.0	59.3	9.5	2.1	8.4	1.2	6.9	1.4	4.0	0.6	3.7	0.5	41.3	452	Upper Saprolite	ł	
RRMRB126 20 2 101.2 105.2 10.6 63.6 10.2 2.2 8.3 1.2 6.6 1.3 4.0 0.5 3.3 0.3 3.6.1 4.42 Opper Saprolite RRMRB126 20 22 2 87.5 155.4 16.7 57.7 9.5 2.2 8.0 1.2 6.6 1.3 3.5 0.5 3.4 0.5 37.2 391 Upper Saprolite RRMRB126 22 24 2 75.6 203.3 15.2 50.6 8.8 2.0 6.5 1.0 6.1 1.12 3.3 0.5 3.2.9 4.10 Upper Saprolite RRMRB126 24 26 2 71.5 156.6 14.6 51.9 7.6 1.9 6.5 1.0 5.8 1.1 3.1 0.5 3.2.9 0.5 32.8 358 Upper Saprolite 23 423 RRMRB127 0 2 26.6.4 122.7 16.1 58.0 11.1 22.2 9.4 1.4 8.4 1.7 5.1 0	RRIVIRD 120	10	10	2	104.0	165.0	19.0	62.6	10.5	2.4	9.4	1.3	6.9	1.4	3.0	0.5	3.4	0.6	39.7	400	Upper Saprolite		
RNMRB126 22 2 61.3 13.4 10.7 13.7 13.3 2.2 8.0 1.2 0.0 1.3 3.3 0.3 3.4 0.3 3.7.2 391 Opper Saprolite RRMRB126 22 24 2 75.6 203.3 15.2 50.6 8.8 2.0 6.5 1.0 6.1 1.2 3.3 0.5 2.9 0.5 32.9 410 Upper Saprolite RRMRB126 26 2 71.5 156.6 14.6 51.9 7.6 1.9 6.5 1.0 5.8 1.1 3.1 0.5 2.9 0.5 32.8 358 Upper Saprolite RRMRB127 0 2 66.4 122.7 16.1 58.0 11.1 2.2 9.4 1.4 8.4 1.7 5.1 0.8 4.7 0.7 44.3 353 Hardcap RRMRB127 0 2 6.8 0.11.1 2.2 9.4 1.4 8.4 1.7 5.1 0.8 4.7 0.7 44.3 353 Hardcap </td <td>RRIVIRD 120</td> <td>10</td> <td>20</td> <td>2</td> <td>97.5</td> <td>165.4</td> <td>10.0</td> <td>63.0 57.7</td> <td>10.2</td> <td>2.2</td> <td>0.0</td> <td>1.2</td> <td>0.0</td> <td>1.3</td> <td>4.0</td> <td>0.5</td> <td>3.3</td> <td>0.5</td> <td>30.1</td> <td>420</td> <td>Upper Saprolite</td> <td></td> <td></td>	RRIVIRD 120	10	20	2	97.5	165.4	10.0	63.0 57.7	10.2	2.2	0.0	1.2	0.0	1.3	4.0	0.5	3.3	0.5	30.1	420	Upper Saprolite		
RNRB126 22 24 2 73.6 20.3 13.2 30.6 0.3 2.0 0.3 2.3 0.3 0.3 2.3 0.3 0.3 2.3 0.3 0.3 2.3 0.3 0.3 2.3 0.3 0.3 2.3 0.3 0.3 2.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 <th0.3< th=""> 0.3 0.3 <t< td=""><td>PDMDB126</td><td>20</td><td>22</td><td>2</td><td>75.6</td><td>203.3</td><td>10.7</td><td>50.6</td><td>9.0</td><td>2.2</td><td>6.0</td><td>1.2</td><td>6.1</td><td>1.3</td><td>3.0</td><td>0.5</td><td>2.4</td><td>0.5</td><td>37.2</td><td>391</td><td>Upper Saprolite</td><td>l</td><td></td></t<></th0.3<>	PDMDB126	20	22	2	75.6	203.3	10.7	50.6	9.0	2.2	6.0	1.2	6.1	1.3	3.0	0.5	2.4	0.5	37.2	391	Upper Saprolite	l	
RRMRB120 24 20 2 11.3 13.0 1.0 1.1 3.1 0.3 2.3 0.3 3.6.0 <th< td=""><td>RRMRB120</td><td>24</td><td>24</td><td>2</td><td>71.5</td><td>156.6</td><td>14.6</td><td>51.0</td><td>7.6</td><td>2.0</td><td>6.5</td><td>1.0</td><td>5.8</td><td>1.2</td><td>3.0</td><td>0.5</td><td>2.9</td><td>0.5</td><td>32.9</td><td>358</td><td>Upper Saprolite</td><td>23</td><td>123</td></th<>	RRMRB120	24	24	2	71.5	156.6	14.6	51.0	7.6	2.0	6.5	1.0	5.8	1.2	3.0	0.5	2.9	0.5	32.9	358	Upper Saprolite	23	123
RRMRB127 0 2 2 66.4 122.5 14.5 46.1 0.3 1.3 0.3 0.1 1.1 0.3 0.1 1.1 0.3 0.1 1.1 0.3 0.1 1.1 0.3 0.1 <	RRMRB126	24	20	2	69.4	125.3	14.5	49.1	83	1.0	6.8	0.9	5.0	1.1	3.0	0.5	2.3	0.0	30.4	319	Upper Saprolite	20	420
RNMRB127 2 4 2 4 2 4 1 1 2 3.4 1.4 0.4 1.4 0.4 1.4 0.6 4.7 0.7 44.3 303 Hardcap RRMRB127 2 4 2 46.0 556.5 11.2 38.4 7.0 1.4 6.0 1.0 6.0 1.1 3.5 0.6 3.8 0.6 28.4 711 Hardcap RRMB127 4 6 2 6.2 62.4 839.0 15.8 55.3 10.7 2.1 8.0 1.3 7.9 1.5 4.5 0.7 4.7 0.7 36.4 1051 Transition RRMB127 6 8 2 167.1 139.4 27.4 93.1 14.8 2.7 11.4 1.6 9.4 1.9 5.3 0.8 5.7 0.7 54.5 556 Clay RRMRB127 8 10 2 314.3 103.9 48.8 156.3 23.5 4.3 16.3 2.0 11.6 2.1 5.4 <td>RRMRB127</td> <td>0</td> <td>20</td> <td>2</td> <td>66.4</td> <td>120.0</td> <td>16.1</td> <td>58.0</td> <td>11 1</td> <td>2.2</td> <td>0.0 Q /</td> <td>1.4</td> <td>8.4</td> <td>1.1</td> <td>5.0</td> <td>0.4</td> <td>4.7</td> <td>0.7</td> <td>44.3</td> <td>353</td> <td>Hardcan</td> <td></td> <td></td>	RRMRB127	0	20	2	66.4	120.0	16.1	58.0	11 1	2.2	0.0 Q /	1.4	8.4	1.1	5.0	0.4	4.7	0.7	44.3	353	Hardcan		
RRMRB127 4 6 2 62.4 839.0 15.8 55.3 10.7 2.1 8.0 1.3 7.9 1.5 4.5 0.7 4.7 0.7 36.4 1051 Transition RRMRB127 4 6 2 62.4 839.0 15.8 55.3 10.7 2.1 8.0 1.3 7.9 1.5 4.5 0.7 4.7 0.7 36.4 1051 Transition RRMRB127 6 8 2 167.1 139.4 27.4 93.1 14.8 2.7 11.4 1.6 9.4 1.9 5.3 0.8 5.7 0.7 54.5 556 Clay RRMRB127 8 10 2 2 32.2 107.2 43.3 16.3 2.0 11.6 2.1 5.4 0.7 4.7 0.7 57.4 752 Upper Saprolite RRMRB127 10 12 2 23.2 107.2 43.6 14.4 1.8 9.8 1.6 4.2 0.6 3.7 0.6 47.6 63.4	RRMRB127	2	4	2	46.0	556.5	11.2	38.4	7.0	1.2	6.0	1.4	6.0	1.7	3.1	0.0	3.8	0.7	28.4	711	Hardcap	ł	
RRMRB127 6 8 2 167.1 139.4 27.4 93.1 14.8 2.7 11.4 1.6 9.4 1.9 5.3 0.8 5.7 0.7 54.5 536 Clay RRMRB127 8 10 2 314.3 103.9 48.8 156.3 23.5 4.3 16.3 2.0 11.6 2.1 5.4 0.7 5.7 57.4 752 Upper Saprolite RRMRB127 10 12 2 232.2 107.2 43.6 140.6 21.5 4.3 16.3 2.0 11.6 2.1 5.4 0.7 4.7 0.7 57.4 752 Upper Saprolite RRMRB127 10 12 2 232.2 107.2 43.6 140.6 21.5 4.3 14.4 1.8 9.8 1.6 4.2 0.6 3.7 0.6 47.6 634 Upper Saprolite RRMRB127 12 14 2 142.5 80.8 29.7 100.0 15.8 3.5 12.3 1.6 8.8 1.6 4.6	RRMRR127	<u>_</u>	ب 6	2	62.0	839.0	15.8	55.3	10.7	21	8.0	1.0	7 0	1.1	4 5	0.0	47	0.0	36.4	1051	Transition	ł	
RRMRB127 8 10 2 314.3 103.9 48.8 156.3 23.5 4.3 16.3 2.0 11.6 2.1 5.4 0.7 5.4 0.7 57.4 752 Upper Saprolite RRMRB127 10 12 2 232.2 107.2 43.6 140.6 21.5 4.3 16.3 2.0 11.6 2.1 5.4 0.7 4.7 0.7 57.4 752 Upper Saprolite RRMRB127 10 12 2 232.2 107.2 43.6 140.6 21.5 4.3 14.4 1.8 9.8 1.6 4.2 0.6 3.7 0.6 47.6 634 Upper Saprolite RRMRB127 12 14 2 142.5 80.8 29.7 100.0 15.8 3.5 12.3 1.6 8.8 1.6 4.6 0.6 4.4 0.6 48.8 456 Upper Saprolite RRMRB127 14 16 2 124.3 116.2 38.5 163.3 34.8 9.5 34.1 6.9 19.7	RRMRB127	- 6	8	2	167.1	139.4	27.4	93.1	14.8	2.1	11.4	1.5	9.4	1.0	5.3	0.7	57	0.7	54.5	536	Clav		
RRMRB127 10 12 2 232.2 107.2 43.6 140.6 21.5 4.3 14.4 1.8 9.8 1.6 4.2 0.6 3.7 0.6 47.6 634 Upper Saprolite RRMRB127 12 14 2 142.5 80.8 29.7 100.0 15.8 3.5 12.3 1.6 8.8 1.6 4.6 0.6 4.4 0.6 48.8 456 Upper Saprolite RRMRB127 14 16 2 12.3 1.6 8.8 1.6 4.6 0.6 4.4 0.6 48.8 456 Upper Saprolite RRMRB127 14 16 2 12.3 163.3 34.8 9.5 39.4 5.6 34.1 6.9 19.7 2.7 16.1 2.4 262.9 876 Upper Saprolite RRMRB127 16 18 2 73.2 99.6 21.5 94.9 19.3 5.4 20.7 2.9 17.2 3.7 10.9 1.4 8.2 1.3 141.6 522 Upper Saprolite	RRMRB127	8	10	2	314.3	103.9	48.8	156.3	23.5	4.3	16.3	2.0	11.6	21	5.4	0.0	47	0.7	57.4	752	Upper Saprolite		
RRMRB127 12 14 2 142.5 80.8 29.7 100.0 15.8 3.5 12.3 1.6 8.8 1.6 4.6 0.6 4.4 0.6 48.8 456 Upper Saprolite RRMRB127 14 16 2 124.3 116.2 38.5 163.3 34.8 9.5 39.4 5.6 34.1 6.9 19.7 2.7 16.1 2.4 262.9 876 Upper Saprolite RRMRB127 16 18 2 73.2 99.6 21.5 94.9 19.3 5.4 20.7 2.9 17.2 3.7 10.9 1.4 8.2 1.3 141.6 522 Upper Saprolite	RRMRB127	10	12	2	232.2	107.2	43.6	140.6	21.5	4.3	14.4	1.8	9.8	1.6	4.2	0.6	3.7	0.6	47.6	634	Upper Saprolite		
RRMRB127 16 18 2 73.2 99.6 21.5 94.9 19.3 5.4 20.7 2.9 17.2 3.7 10.9 1.4 8.2 1.3 14.6 5.4 20.7 2.9 17.2 3.7 10.9 1.4 8.2 1.3 14.6 522 Upper Saprolite	RRMRB127	12	14	2	142.5	80.8	29.7	100.0	15.8	3.5	12.3	1.6	8.8	1.0	4.6	0.0	4.4	0.6	48.8	456	Upper Saprolite		
RRMRB127 16 18 2 73.2 99.6 21.5 94.9 19.3 5.4 20.7 2.9 17.2 3.7 10.9 1.4 8.2 1.3 141.6 522 Upper Saprolite	RRMRB127	14	16	2	124.3	116.2	38.5	163.3	34.8	9.5	39.4	5.6	34.1	6.9	19.7	2.7	16.1	2.4	262.9	876	Upper Saprolite		
	RRMRB127	16	18	2	73.2	99.6	21.5	94.9	19.3	5.4	20.7	2.9	17.2	3.7	10.9	1.4	8.2	1.3	141.6	522	Upper Saprolite	ĺ	

inter int int </th <th></th> <th>>200p TREO-(</th> <th>opm CeO₂</th>																						>200p TREO-(opm CeO₂
Integr Integr<																						Inter	val
NUMBERS 1 </th <th>Hole ID</th> <th>From m</th> <th>To m</th> <th>Int. m</th> <th>La₂O₃ ppm</th> <th>CeO₂ ppm</th> <th>Pr₂O₃ ppm</th> <th>Nd₂O₃ ppm</th> <th>Sm₂O₃ ppm</th> <th>Eu₂O₃ ppm</th> <th>Gd₂O₃ ppm</th> <th>Tb₂O₃ ppm</th> <th>Dy₂O₃ ppm</th> <th>Ho₂O₃ ppm</th> <th>Er₂O₃ ppm</th> <th>Tm₂O₃ ppm</th> <th>Yb₂O₃ ppm</th> <th>Lu₂O₃ ppm</th> <th>Y₂O₃ ppm</th> <th>TREO ppm</th> <th>Regolith Zone</th> <th>Length (m)</th> <th>TREO ppm</th>	Hole ID	From m	To m	Int. m	La₂O₃ ppm	CeO ₂ ppm	Pr₂O₃ ppm	Nd₂O₃ ppm	Sm ₂ O ₃ ppm	Eu ₂ O ₃ ppm	Gd₂O₃ ppm	Tb₂O₃ ppm	Dy₂O₃ ppm	Ho ₂ O ₃ ppm	Er ₂ O ₃ ppm	Tm₂O₃ ppm	Yb₂O₃ ppm	Lu₂O₃ ppm	Y₂O₃ ppm	TREO ppm	Regolith Zone	Length (m)	TREO ppm
SIGNEGRY Z Q Z Q Z Q Z Q Z Q Z<	RRMRB127	18	20	2	137.2	93.2	29.7	102.3	18.2	4.3	14.6	1.9	11.4	2.1	5.7	0.7	4.8	0.7	72.4	499	Upper Saprolite		
INVERSIZ 22 23 1 722 73 74 74 75 75 75 <t< td=""><td>RRMRB127</td><td>20</td><td>22</td><td>2</td><td>280.3</td><td>97.0</td><td>48.2</td><td>155.7</td><td>23.4</td><td>5.3</td><td>16.0</td><td>2.1</td><td>11.2</td><td>1.9</td><td>5.1</td><td>0.6</td><td>4.1</td><td>0.6</td><td>53.3</td><td>705</td><td>Upper Saprolite</td><td></td><td></td></t<>	RRMRB127	20	22	2	280.3	97.0	48.2	155.7	23.4	5.3	16.0	2.1	11.2	1.9	5.1	0.6	4.1	0.6	53.3	705	Upper Saprolite		
INNER I <td>RRMRB127</td> <td>22</td> <td>23</td> <td>1</td> <td>272.1</td> <td>95.2</td> <td>47.5</td> <td>158.0</td> <td>23.8</td> <td>4.9</td> <td>16.7</td> <td>2.1</td> <td>11.2</td> <td>2.0</td> <td>5.1</td> <td>0.7</td> <td>4.4</td> <td>0.7</td> <td>58.0</td> <td>702</td> <td>Lower Saprolite</td> <td>17</td> <td>627</td>	RRMRB127	22	23	1	272.1	95.2	47.5	158.0	23.8	4.9	16.7	2.1	11.2	2.0	5.1	0.7	4.4	0.7	58.0	702	Lower Saprolite	17	627
IPMAREN2 2 4 4 4 4 4 4 4 5 1 4 3 0.0 5.0 7.0 5.0 7.0 5.0 7.0 5.0 7.0 5.0 7.0 5.0 7.0 5.0 7.0 5.0 7.0 </td <td>RRMRB128</td> <td>0</td> <td>2</td> <td>2</td> <td>109.3</td> <td>547.9</td> <td>20.5</td> <td>67.7</td> <td>12.3</td> <td>2.0</td> <td>10.3</td> <td>1.5</td> <td>9.3</td> <td>1.8</td> <td>5.2</td> <td>0.8</td> <td>5.2</td> <td>0.7</td> <td>45.1</td> <td>839</td> <td>Hardcap</td> <td>-</td> <td></td>	RRMRB128	0	2	2	109.3	547.9	20.5	67.7	12.3	2.0	10.3	1.5	9.3	1.8	5.2	0.8	5.2	0.7	45.1	839	Hardcap	-	
International I <	RRMRB128	2	4	2	154.2	894.3	21.7	63.7	10.0	1.9	6.6	1.1	6.4	1.2	3.4	0.5	3.1	0.4	25.9	1194	Gravel		
FNMBR128 5 7 2 1 1 1 2 1 1 2 1 5 2 0 5 0 0 0 1<	RRMRB128	4	5	1	144.3	1480.2	28.3	92.1	17.2	2.7	11.6	1.8	10.9	2.0	6.3	0.9	5.9	0.9	53.6	1859	Transition		
FRAMBARS T 9 2 201 110 150 150 120 154 120 154 120 154 110 65 100 75 170	RRMRB128	5	7	2	148.4	218.0	32.6	110.7	19.2	3.2	13.6	2.0	11.6	2.2	6.2	1.0	5.9	0.9	62.1	638	Clay		
BRNB012 O 10 <th< td=""><td>RRMRB128</td><td>7</td><td>9</td><td>2</td><td>201.1</td><td>110.2</td><td>51.1</td><td>177.9</td><td>30.5</td><td>5.2</td><td>20.3</td><td>2.9</td><td>15.4</td><td>2.7</td><td>7.7</td><td>1.0</td><td>6.5</td><td>0.8</td><td>76.3</td><td>710</td><td>Clay</td><td></td><td></td></th<>	RRMRB128	7	9	2	201.1	110.2	51.1	177.9	30.5	5.2	20.3	2.9	15.4	2.7	7.7	1.0	6.5	0.8	76.3	710	Clay		
BRMBR128 10 112 2 200 121 1 140 152 150 <td>RRMRB128</td> <td>9</td> <td>10</td> <td>1</td> <td>176.5</td> <td>170.1</td> <td>39.9</td> <td>145.8</td> <td>25.0</td> <td>4.7</td> <td>20.9</td> <td>2.8</td> <td>16.0</td> <td>2.8</td> <td>8.1</td> <td>1.1</td> <td>6.7</td> <td>0.9</td> <td>81.4</td> <td>703</td> <td>Clay</td> <td></td> <td></td>	RRMRB128	9	10	1	176.5	170.1	39.9	145.8	25.0	4.7	20.9	2.8	16.0	2.8	8.1	1.1	6.7	0.9	81.4	703	Clay		
BNABR12 10 11 11.6 15.6 28 94.8 28 7.2 10.7 6.1 0.9 95.2 95.1 Upper Spruche BNABR12 15 15 17 24 17.2 11.8 11.8 11.8 11.8 12.1 12.1 13.0 13.1 13.0 </td <td>RRMRB128</td> <td>10</td> <td>12</td> <td>2</td> <td>207.0</td> <td>121.1</td> <td>40.6</td> <td>152.8</td> <td>27.3</td> <td>5.9</td> <td>27.7</td> <td>4.1</td> <td>24.2</td> <td>4.6</td> <td>13.4</td> <td>1.7</td> <td>10.3</td> <td>1.5</td> <td>156.8</td> <td>799</td> <td>Upper Saprolite</td> <td></td> <td></td>	RRMRB128	10	12	2	207.0	121.1	40.6	152.8	27.3	5.9	27.7	4.1	24.2	4.6	13.4	1.7	10.3	1.5	156.8	799	Upper Saprolite		
PRNMER129 113 115 12 110 12 110 12 110 12 110 12 110 12 110 12 110 12 110 12 110 12 110 12 110	RRMRB128	12	13	1	131.4	115.6	25.4	98.4	18.1	3.9	18.4	2.6	14.3	2.8	7.2	1.0	6.1	0.9	95.2	541	Upper Saprolite		
RNMR128 15 17 2 28.7 16.4 18.5 7.14 13.1 2.9 19 11.0 2.1 5.9 0.8 5.4 0.8 7.4 0.7 Low Segretie RNMR123 110 0.2	RRMRB128	13	15	2	107.2	130.8	21.4	86.8	17.4	4.4	20.6	2.8	18.6	3.8	10.7	1.3	7.5	1.1	150.5	585	Lower Saprolite		
RNMR123 17 19 2 70 100 500 11.8 27 11.2 1.6 9.7 1.9 5.8 0.7 4.5 0.7 6.51 4.20 Lower Suppoint RNMR120 0 2 2 70.3 55. 1.0 5.5 4.2 1.00 5.5 4.20 Lower Suppoint 5 57.2 4.50 0.0 5.6 0.0 5.6 0.0 5.6 0.0 5.6 0.0 5.6 0.0 5.6 0.0 5.6 0.0 6.6 0.0 6.6 0.0 6.6 0.0 6.6 0.0 6.6 0.0 6.6 0.0 </td <td>RRMRB128</td> <td>15</td> <td>17</td> <td>2</td> <td>85.7</td> <td>166.4</td> <td>18.5</td> <td>71.4</td> <td>13.1</td> <td>2.9</td> <td>12.9</td> <td>1.9</td> <td>11.1</td> <td>2.1</td> <td>5.9</td> <td>0.8</td> <td>5.4</td> <td>0.8</td> <td>78.4</td> <td>477</td> <td>Lower Saprolite</td> <td></td> <td></td>	RRMRB128	15	17	2	85.7	166.4	18.5	71.4	13.1	2.9	12.9	1.9	11.1	2.1	5.9	0.8	5.4	0.8	78.4	477	Lower Saprolite		
RNMR123 19 21 2 7 2 15.5 17.0 6.3.8 1.5 2.7 10.8 1.5 14.7 <td>RRMRB128</td> <td>17</td> <td>19</td> <td>2</td> <td>70.0</td> <td>160.9</td> <td>16.0</td> <td>59.0</td> <td>11.8</td> <td>2.7</td> <td>11.2</td> <td>1.6</td> <td>9.7</td> <td>1.9</td> <td>5.8</td> <td>0.7</td> <td>4.5</td> <td>0.7</td> <td>63.1</td> <td>420</td> <td>Lower Saprolite</td> <td></td> <td></td>	RRMRB128	17	19	2	70.0	160.9	16.0	59.0	11.8	2.7	11.2	1.6	9.7	1.9	5.8	0.7	4.5	0.7	63.1	420	Lower Saprolite		
RNMR120 0 0 2 2 2 3 94.4 20.8 71.1 13.6 2.4 11.15 14.15<	RRMRB128	19	21	2	76.2	185.5	17.0	63.6	12.5	2.7	10.8	1.5	9.1	1.7	4.7	0.7	3.9	0.5	54.2	445	Lower Saprolite	16	587
RNMR6123 2 3 1 1145. 1443.4 26.8 84.4 14.8 26.8 11.5 11.9 12.0 13.1 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 11.0 10.0 1	RRMRB129	0	2	2	92.3	545.4	21.9	78.1	13.6	2.4	11.6	1.7	10.1	1.9	5.6	0.8	5.4	0.9	51.9	844	Hardcap		
RRWR129 3 4 1 114.8 21402 27.1 00.4 15.9 2.6 11.0 1.7 10.5 1.9 5.2 0.9 5.6 0.8 45.8 774 Clay RRWR129 6 6 2 100.3 315.7 12.8 2.3 10.6 1.7 2.3 1.4 4.4 0.6 4.2 0.6 45.8 774 Clay RRWR129 0 1.1 2 10.8 1.4 7.4 1.3 3.6 0.5 3.1 0.6 45.1 100 10.9 1.8 5.1 0.6 0.5 0.5 0.6 45.1 72.0 10.0 1.8 5.1 0.6 0.5 0.5 0.6 45.1 72.0 10.0 1.8 1.5 0.6 0.7 4.5 0.6 6.6 1.0 0.6 1.0 0.6 0.7 4.5 0.6 0.6 1.0 0.6 0.7 0.6 0.8 0.7	RRMRB129	2	3	1	118.5	1443.4	26.8	88.4	14.8	2.5	11.5	1.9	10.3	1.9	6.0	0.9	5.6	0.8	46.5	1780	Hardcap		
RRNR8129 4 6 2 107.9 471.7 233 78.4 12.8 2.3 10.0 1.4 63.3 1.4 4.4 0.6 4.2 0.6 4.5.8 77.4 Clay RRNR8129 6 6 2 135.5 335.4 315.7 22.0 75.5 12.1 2.1 4.0 6.5 1.2 36.0 5.5 0.5 4.0.4 680 Upper Saprolite RRNR8129 10 12 2.16.4 4.4 65.0 2.0 1.0.8 1.8 5.0 0.7 4.3 0.6 6.41 0.6 4.1 0.6	RRMRB129	3	4	1	114.8	2149.7	27.1	90.4	15.9	2.6	11.0	1.7	10.5	1.9	5.2	0.9	5.6	0.8	49.5	2488	Transition		
RRWR129 6 8 10 2 10.2 3.6 12 3.6 0.5 3.1 0.5 3.61 0.69 Upper Saprolite RRWR129 10 12 2 214.6 445.3 49.4 165.0 25.9 3.3 16.5 10.0 1.8 5.0 0.7 4.3 0.6 54.1 7.06 54.1 7.07 1.07 1.1 1.05 1.0 1.6 1.4 1.0	RRMRB129	4	6	2	107.9	471.7	23.3	79.4	12.8	2.3	10.0	1.4	8.3	1.4	4.4	0.6	4.2	0.6	45.8	774	Clay		
RRMR8129 8 10 2 135.5 335.4 31.7 106.3 17.6 24 10.8 1.4 7.4 1.3 3.6 0.5 3.5 0.5 4.04 668 Upper Saprolite RRMR8129 12 14 2 164.4 445.9 440.4 650.2 2.5 3.3 15.5 2.0 1.6 1.0 1.8 5.1 0.6 4.1 0.6 54.1 722 Upper Saprolite RRMR8129 16 18 2 174.7 384.8 422 138.2 2.32 3.1 150.0 2.0 5.6 0.7 4.5 0.6 648.94 Upper Saprolite RRMR8129 20 2 163.322 3.1 3.7 12.0 1.6 2.0 5.5 0.8 4.7 0.6 648.94 Upper Saprolite RRMR8129 20 2 166.0 2.0 1.0 2.0 5.5 0.8 4.7 0.6 64.0 6.0 7.0 1.0 2.0 5.4 0.6 6.0 7.0 1.0	RRMRB129	6	8	2	102.3	315.7	22.9	79.5	12.1	2.1	8.9	1.2	6.5	1.2	3.6	0.5	3.1	0.5	38.1	598	Clay		
RRMR8129 10 12 2 214 64.8 334 165.0 20 10.8 1.9 5.0 0.7 4.3 0.6 59.1 1000 Upper Sagrolite RRMR8129 12 14.4 16 2 138.4 298.5 31.9 111.7 18.5 2.6 12.0 1.6 8.4 1.6 4.7 0.6 4.1 0.6 6.48.8 0.00per Sagrolite RRMR8129 16 18 2.0 1.7.7 38.48 2.22 2.3.1 15.6 2.0 1.0 2.0 5.5 0.8 4.7 0.6 6.1.8 P30 PDPF Sagrolite RRMR129 20 2.2 1.41 1.0 2.0 1.0 6.4 7.0 6.5 6.16 Upper Sagrolite Upper Sagrolite RRMR129 2.2 2.4 2.6 2.5 1.6 1.0 2.1 1.0 2.1 1.0 1.1 1.0 2.1 1.0 0.6 0.7 6.1 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	RRMRB129	8	10	2	135.5	335.4	31.7	106.3	17.6	2.4	10.8	1.4	7.4	1.3	3.6	0.5	3.5	0.5	40.4	698	Upper Saprolite		
RRMR8129 12 14 12 14 12 14 16 2 134 288 177 212 22 28 14 16 47 0.6 51 0.6 51 0.6 51 0.6 51 0.6 51 0.6 51 0.6 54.1 782 Upper Saprolite RRMR129 16 18 2 174 384.8 422 138.2 220 31 155 1.0 2.0 55 0.6 4.7 0.6 61.6 878 Upper Saprolite RRMR129 22 24 2 165.6 330.4 38.8 137.4 22.1 18 98 16.6 4.7 0.6 4.0 0.6 58.1 Upper Saprolite RRMR129 22 24 26 2 167.1 334.1 38.5 17.7 2.9 15.2 1.8 9.1 9.5 2.0 7.4 4.0.6 5.0 7.1 7.1 8.3 8.3 1.8 3.1 0.5 3.4 0.5 2.4 110 <t< td=""><td>RRMRB129</td><td>10</td><td>12</td><td>2</td><td>214.6</td><td>445.9</td><td>49.4</td><td>165.0</td><td>25.9</td><td>3.3</td><td>16.5</td><td>2.0</td><td>10.8</td><td>1.9</td><td>5.0</td><td>0.7</td><td>4.3</td><td>0.6</td><td>59.1</td><td>1005</td><td>Upper Saprolite</td><td></td><td></td></t<>	RRMRB129	10	12	2	214.6	445.9	49.4	165.0	25.9	3.3	16.5	2.0	10.8	1.9	5.0	0.7	4.3	0.6	59.1	1005	Upper Saprolite		
RRMR6129 14 16 2 13.4 298.5 31.9 111.7 18.5 2.6 12.0 1.6 8.4 1.6 4.7 0.6 3.7 0.6 48.8 684 Upper Saprolite RRMR6129 16 18 20 2.2 17.4 364.8 23.2 23.2 3.1 15.6 2.1 10.0 2.0 5.5 0.6 4.7 0.6 61.8 779 Upper Saprolite RRMR6129 20 2.2 17.4 38.6 13.8 13.4 2.8 16.6 2.1 10.0 2.0 5.5 0.8 4.7 0.6 61.8 789 Upper Saprolite RRMR6129 2.4 2.4 2.6 13.0 13.2 16.6 2.1 10.0 2.1 6.0 0.8 5.2 0.7 6.55 816 Upper Saprolite RRMR6130 2.2 2.4 16.5 13.1 2.5 13.8 9.0 19.9 5.2 0.7 4.4 0.6 570 780 Upper Saprolite 780 780 780 </td <td>RRMRB129</td> <td>12</td> <td>14</td> <td>2</td> <td>164.8</td> <td>334.1</td> <td>38.9</td> <td>127.7</td> <td>21.2</td> <td>2.8</td> <td>14.6</td> <td>1.9</td> <td>10.0</td> <td>1.8</td> <td>5.1</td> <td>0.6</td> <td>4.1</td> <td>0.6</td> <td>54.1</td> <td>782</td> <td>Upper Saprolite</td> <td></td> <td></td>	RRMRB129	12	14	2	164.8	334.1	38.9	127.7	21.2	2.8	14.6	1.9	10.0	1.8	5.1	0.6	4.1	0.6	54.1	782	Upper Saprolite		
IRRMB12129 16 18 2 174.7 384.8 44.2 138.2 23.2 3.1 156 2.1 10.6 2.0 56.6 0.7 4.5 0.6 62.6 881 Upper Saprolite RRMB129 20 2 173.1 383.6 41.8 137.6 22.0 3.1 13.7 1.8 9.6 1.6 4.7 0.6 60.6 50.0 834 Upper Saprolite RRMB129 22 22 42 166.1 13.8 13.2 16.6 2.0 11.0 2.0 5.5 0.8 4.0 0.6 6.16 7.6 0.5 0.6 16.0 0.6 6.52 0.7 4.5 0.7 0.6 0.0 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.7 4.4 0.6 0.50 0.7 1.0 0.7 0.6 0.0 0.8 0.7 0.6 0.0 0.6 0.7 4.4 0.6 0.6 0.6 0.7 4.51 0.7 1.6	RRMRB129	14	16	2	138.4	298.5	31.9	111.7	18.5	2.6	12.0	1.6	8.4	1.6	4.7	0.6	3.7	0.6	48.8	684	Upper Saprolite		
Inspace Index <	RRMRB129	16	18	2	174.7	364.8	42.2	138.2	23.2	3.1	15.6	2.1	10.6	2.0	5.6	0.7	4.5	0.6	62.6	851	Upper Saprolite		
RRMR8129 20 22 21 179.4 383.6 41.8 137.6 137.7 1.8 9.6 1.6 4.7 0.6 4.0 0.6 50.0 834 Upper Saprolite RRMR8129 22 24 2 167.1 334.1 338.6 132.2 156.6 2.0 10.7 2.0 5.4 0.8 5.2 0.7 65.5 816 Upper Saprolite RRMR8129 24 26 27 1 167.1 334.1 338.5 135.3 21.7 2.9 15.2 1.8 9.9 1.9 5.2 0.7 4.4 0.6 50.9 711 Lower Saprolite 24 781 RRMR8129 22 4.7.9 1008.5 10.9 38.0 6.9 1.2 5.6 1.0 5.4 1.0 3.1 0.5 2.4 1.10 1.1 1.6 4.7 0.6 4.4 0.6 50.9 716 Lower Saprolite 24 781 RRMR8130 2 2.4 3.9 10.2 1.8 0.9 2.0 <	RRMRB129	18	20	2	161.3	329.2	37.5	132.4	21.6	3.0	16.0	2.0	11.0	2.0	5.5	0.8	4.7	0.6	61.8	789	Upper Saprolite		
RRMR8129 22 24 2 167.1 334.1 38.8 139.4 23.1 3.2 16.6 2.1 11.0 2.1 6.0 0.8 5.2 0.7 65.5 316 Upper Saprolite RRMR8129 26 27 1 165.6 30.0 36.7 129.5 22.1 2.8 15.6 2.0 10.7 2.0 5.4 0.8 4.8 0.7 61.1 781 Upper Saprolite 2.8 781 RRMR8129 27 2.8 1.4 43.7 308.3 32.9 118.6 19.5 2.7 13.5 1.8 9.1 1.8 4.7 0.6 4.4 0.6 50.9 711 Lower Saprolite 2.4 781 RRMR8130 0 2.2 4.7.9 100.85 10.9 3.4 1.2 7.4 1.3 4.1 0.7 4.5 0.7 4.1.3 761 Tansition RRMR8130 4 1 1.2 7.6 1.0 1.4 1.4 1.5 4.2 0.6 3.9 0.6 41.3 </td <td>RRMRB129</td> <td>20</td> <td>22</td> <td>2</td> <td>179.4</td> <td>363.6</td> <td>41.8</td> <td>137.6</td> <td>22.0</td> <td>3.1</td> <td>13.7</td> <td>1.8</td> <td>9.6</td> <td>1.6</td> <td>4.7</td> <td>0.6</td> <td>4.0</td> <td>0.6</td> <td>50.0</td> <td>834</td> <td>Upper Saprolite</td> <td></td> <td></td>	RRMRB129	20	22	2	179.4	363.6	41.8	137.6	22.0	3.1	13.7	1.8	9.6	1.6	4.7	0.6	4.0	0.6	50.0	834	Upper Saprolite		
RRMR8129 24 26 2 156.6 30.4 36.7 129.5 22.1 2.8 15.6 2.0 10.7 2.0 5.4 0.8 4.8 0.7 61.1 781 Upper Saprolite RRMR8129 27 28 1 143.7 308.3 32.9 116.6 19.5 2.7 13.8 9.9 1.9 5.2 0.7 4.4 0.6 50.9 7711 Lower Saprolite 24 781 RRMR8130 0 2 47.9 100.65 10.9 38.0 6.9 1.2 5.6 1.0 5.4 1.0 3.1 0.5 3.4 0.5 2.6 11.0 Hardsapion RRMR8130 2 1.1 1.2 1.0 2.1 1.0 2.1 5.0 0.9 5.6 0.9 5.6 0.9 5.6 0.9 5.6 0.9 5.6 0.9 5.6 0.9 5.6 0.9 5.6 0.9 5.6 0.9 5.6 0.9 5.6 0.9 5.6 0.9 5.6 0.9 6.6	RRMRB129	22	24	2	167.1	334.1	38.8	139.4	23.1	3.2	16.6	2.1	11.0	2.1	6.0	0.8	5.2	0.7	65.5	816	Upper Saprolite		
RRMR8129 26 27 1 167.1 334.1 38.5 13.5 21.7 2.9 15.2 1.8 9.9 1.9 5.2 0.7 4.4 0.6 57.0 796 Upper Saprolite RRMR8129 27 28 1 143.7 308.3 32.9 116.6 19.5 2.7 13.5 13.8 9.1 1.8 4.7 0.6 4.4 0.6 50.9 711 Lower Saprolite 24 781 RRMR8130 0 2 3 1 83.7 470.5 17.6 62.5 10.1 2.1 8.0 1.2 7.4 1.3 4.1 0.7 4.5 0.7 4.1.3 74.6 Tarssition RRMR8130 4 6 2 13.7 362.4 31.5 107.3 17.2 3.4 12.6 1.9 10.3 2.1 5.9 0.9 5.6 0.9 59.3 755 Clay Clay 1.8 4.3 0.5 3.8 0.6 4.1.3 6.8 Clay Lay Lay Lay Lay </td <td>RRMRB129</td> <td>24</td> <td>26</td> <td>2</td> <td>156.6</td> <td>330.4</td> <td>36.7</td> <td>129.5</td> <td>22.1</td> <td>2.8</td> <td>15.6</td> <td>2.0</td> <td>10.7</td> <td>2.0</td> <td>5.4</td> <td>0.8</td> <td>4.8</td> <td>0.7</td> <td>61.1</td> <td>781</td> <td>Upper Saprolite</td> <td></td> <td></td>	RRMRB129	24	26	2	156.6	330.4	36.7	129.5	22.1	2.8	15.6	2.0	10.7	2.0	5.4	0.8	4.8	0.7	61.1	781	Upper Saprolite		
RRMRB129 27 28 1 143.7 308.3 32.9 116.6 19.5 2.7 13.8 4.7 0.6 4.4 0.6 50.9 711 Lowerscapule 24 781 RRMRB130 0 2 3 1 83.7 470.5 17.6 62.5 10.1 2.1 5.6 1.0 5.4 10.5 3.4 0.5 2.6 116.0 41.6 1.0 5.4 10.5 3.4 0.5 2.6 116.0 41.6 1.0 5.4 10.5 3.4 0.5 2.6 116.0 41.6 1.0 5.4 10.7 41.3 7.6 Transition RRMR8130 3 4 1 126.1 40.1 1.1 1.1 1.6 4.0 0.6 3.9 0.6 41.3 678 Clay Clay RMRB130 10 12 14.7 3.4 10.2 11.4 7.4 1.5 4.3 0.6 4.1 6.8 10.6 4.1 6.8 Upper Saprolite RMRB130 10 12 15.3 3.3	RRMRB129	26	27	1	167.1	334.1	38.5	135.3	21.7	2.9	15.2	1.8	9.9	1.9	5.2	0.7	4.4	0.6	57.0	796	Upper Saprolite		
RRMRB130 0 2 2 47.9 1008.5 10.9 38.0 6.9 1.2 5.6 1.0 5.4 1.0 3.1 0.5 3.4 0.5 2.64 1160 Hardcap RRMRB130 2 3 1 183.7 470.5 17.6 62.5 10.1 2.1 8.0 1.2 7.4 1.3 4.1 0.7 45.5 0.7 41.3 7.6 62.5 10.1 2.1 8.0 1.2 7.4 1.3 4.1 0.7 45.5 0.7 41.3 7.6 62.5 10.1 2.1 8.0 1.2 5.0 0.0 6.2 1.0 5.9 7.8 Clay RRMR8130 6 8 1.0 2.1 1.0 1.1 1.5 4.0 0.6 0.9 5.6 0.9 5.6 Clay Clay Restrict and	RRMRB129	27	28	1	143.7	308.3	32.9	116.6	19.5	2.7	13.5	1.8	9.1	1.8	4.7	0.6	4.4	0.6	50.9	711	Lower Saprolite	24	781
RRMRB130 2 3 1 83.7 470.5 17.6 62.5 10.1 2.1 8.0 1.2 7.4 1.3 4.1 0.7 4.5 0.7 4.13 716 Transition RRMRB130 3 4 1 126.1 409.1 22.6 104.3 17.0 3.1 12.0 18.8 9.9 2.0 6.0 0.9 6.2 1.0 59.4 788 Clay RRMRB130 4 6 2 13.3 36.4 31.5 107.3 17.2 3.4 12.6 1.9 10.3 2.1 5.0 3.4 10.2 1.4 7.4 1.5 4.0 0.6 3.9 0.6 41.3 678 Clay RRMRB130 10 2 10.7 37.5 13.3 10.2 1.4 7.4 1.5 4.0 0.6 3.8 0.6 41.3 678 Clay RRMRB130 10 12 14.4 14.1 18 9.6 18.4 4.0 0.7 61.2 828 Upper Saprolite <td>RRMRB130</td> <td>0</td> <td>2</td> <td>2</td> <td>47.9</td> <td>1008.5</td> <td>10.9</td> <td>38.0</td> <td>6.9</td> <td>1.2</td> <td>5.6</td> <td>1.0</td> <td>5.4</td> <td>1.0</td> <td>3.1</td> <td>0.5</td> <td>3.4</td> <td>0.5</td> <td>26.4</td> <td>1160</td> <td>Hardcap</td> <td></td> <td></td>	RRMRB130	0	2	2	47.9	1008.5	10.9	38.0	6.9	1.2	5.6	1.0	5.4	1.0	3.1	0.5	3.4	0.5	26.4	1160	Hardcap		
RRMRB130 3 4 1 12b.1 4091 29b.6 104.3 17.0 3.1 17.0 3.1 12.0 1.8 9.9 2.0 6.0 0.9 6.2 1.0 59.4 788 Clay RRMRB130 4 6 2 13.3 31.5 107.3 17.2 3.4 12.6 1.9 10.3 2.1 5.9 0.9 5.6 0.9 5.5 Clay RRMRB130 6 8 2 12.00 324.3 31.9 10.28 15.9 3.4 10.2 1.4 7.4 1.5 4.0 0.6 3.9 0.6 41.3 678 Clay RRMRB130 12 14 2 15.3 37.4 37.9 13.6 21.1 4.4 14.1 1.8 9.6 1.8 4.5 0.6 4.0 0.6 51.2 82.0 1.5 4.3 0.6 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.2 2.5 1.0 7.4 0.6 1.1 1.1 1.	RRMRB130	2	3	1	83.7	470.5	17.6	62.5	10.1	2.1	8.0	1.2	7.4	1.3	4.1	0.7	4.5	0.7	41.3	716	Transition		
RRMRB130 4 6 2 133.7 362.4 31.5 107.3 17.2 3.4 12.6 1.9 10.3 2.1 5.9 0.9 5.6 0.9 5.8 Clay RRMRB130 6 8 2 129.0 324.3 31.9 100.8 15.9 3.4 10.2 1.4 7.4 1.5 4.0 0.6 3.9 0.6 41.3 678 Clay RRMRB130 8 10 2 129.0 275.2 31.9 107.9 17.2 3.5 11.1 1.5 8.2 1.5 4.3 0.5 3.8 0.6 41.7 678 Clay RRMRB130 10 12 2 151.3 347.6 37.9 133.6 21.1 4.4 14.1 1.8 9.6 1.8 4.5 0.6 4.0 0.6 51.3 784 Upper Saprolite RRMRB130 16 17 1 129.6 281.3 31.7 107.4 17.7 3.3 16.0 2.0 10.7 2.0 5.4 0.8	RRMRB130	3	4	1	126.1	409.1	29.6	104.3	17.0	3.1	12.0	1.8	9.9	2.0	6.0	0.9	6.2	1.0	59.4	788	Clay		
RRMRB130 6 8 2 129.0 324.3 31.9 10.2 11.9 14.7.4 1.5 4.0 0.6 3.9 0.6 41.3 678 Clay RRMRB130 8 10 2 129.0 275.2 31.9 107.9 17.2 3.5 11.1 1.5 8.2 1.5 4.3 0.5 3.8 0.6 41.7 638 Upper Saprolite RRMRB130 12 14 2 167.7 335.4 42.2 148 16.7 2.2 11.2 2.2 5.8 0.7 4.6 0.7 61.2 828 Upper Saprolite RRMRB130 14 16 2 160.7 307.1 39.6 142.9 23.3 4.3 16.0 2.0 10.7 2.0 5.4 0.8 4.0 0.7 61.8 781 Upper Saprolite RRMRB130 17 1 129.6 281.3 31.7 107.4 17.7 3.3 14.4 3.9 0.5 3.2 0.5 3.81 568 Lower Saprolite 6.719	RRMRB130	4	6	2	133.7	362.4	31.5	107.3	17.2	3.4	12.6	1.9	10.3	2.1	5.9	0.9	5.6	0.9	59.3	755	Clay		
RRMRB130 8 10 2 129.0 27.5.2 31.9 10/9 17.2 3.3 11.1 1.5 8.2 1.5 4.3 0.5 3.8 0.6 41.7 638 Upper Saprolite RRMRB130 10 12 2 151.3 347.6 37.9 133.6 21.1 4.4 14.1 1.8 9.6 1.8 4.5 0.6 4.0 0.6 51.3 784 Upper Saprolite RRMRB130 12 14 2 160.7 307.1 39.6 142.9 23.3 4.3 16.0 2.0 10.7 2.0 5.4 0.8 4.0 0.7 61.8 781 Upper Saprolite RRMRB130 16 17 1 129.6 281.3 31.7 107.4 17.7 3.3 12.0 1.5 8.3 1.4 3.9 0.5 3.2 0.5 3.8 0.6 3.8 0.6 3.8 0.6 3.8 0.6 3.8 0.6 3.8 0.6 3.8 0.6 3.8 0.6 3.8 3.6 <t< td=""><td>RRMRB130</td><td>6</td><td>8</td><td>2</td><td>129.0</td><td>324.3</td><td>31.9</td><td>102.8</td><td>15.9</td><td>3.4</td><td>10.2</td><td>1.4</td><td>7.4</td><td>1.5</td><td>4.0</td><td>0.6</td><td>3.9</td><td>0.6</td><td>41.3</td><td>678</td><td>Clay</td><td></td><td></td></t<>	RRMRB130	6	8	2	129.0	324.3	31.9	102.8	15.9	3.4	10.2	1.4	7.4	1.5	4.0	0.6	3.9	0.6	41.3	678	Clay		
RRMRB130 10 12 2 151.3 347.6 37.9 133.6 21.1 4.4 14.1 1.8 9.6 1.8 4.5 0.6 4.0 0.6 51.3 784 Upper Saprolite RRMRB130 12 14 2 160.7 335.4 42.2 148.1 24.2 4.8 16.7 2.2 11.2 2.2 5.8 0.7 4.6 0.7 61.2 828 Upper Saprolite RMRB130 16 17 1 129.6 281.3 31.7 107.4 17.7 3.3 12.0 1.5 8.3 1.4 3.9 0.5 3.2 0.5 43.9 646 Upper Saprolite RMRB130 17 19 2 115.6 245.7 27.4 96.0 15.8 3.0 10.1 1.4 6.7 1.3 3.3 0.4 2.9 0.5 38.1 568 Lower Saprolite 16 719 RRMRB131 0 2 2.46.9 230.9 11.0 39.1 7.2 1.4 6.5 1.1 <td< td=""><td>RRMRB130</td><td>8</td><td>10</td><td>2</td><td>129.0</td><td>2/5.2</td><td>31.9</td><td>107.9</td><td>17.2</td><td>3.5</td><td>11.1</td><td>1.5</td><td>8.2</td><td>1.5</td><td>4.3</td><td>0.5</td><td>3.8</td><td>0.6</td><td>41.7</td><td>638</td><td>Upper Saprolite</td><td></td><td></td></td<>	RRMRB130	8	10	2	129.0	2/5.2	31.9	107.9	17.2	3.5	11.1	1.5	8.2	1.5	4.3	0.5	3.8	0.6	41.7	638	Upper Saprolite		
RRMRB130 12 14 2 16.7 335.4 42.2 148.1 24.2 4.8 16.7 2.2 1.2 2.2 5.8 0.7 4.6 0.7 61.2 828 Upper Saprolite RRMRB130 14 16 2 160.7 307.1 39.6 142.9 23.3 4.3 160.0 2.0 10.7 2.0 5.4 0.8 4.0 0.7 61.8 781 Upper Saprolite RRMRB130 16 17 1 129.6 281.3 31.7 107.4 17.7 3.3 12.0 1.5 8.3 1.4 3.9 0.5 3.2 0.5 43.9 646 Upper Saprolite RRMRB131 0 2 2 46.9 230.9 11.0 39.1 7.2 1.4 6.5 1.1 6.6 1.3 3.8 0.6 3.8 0.6 35.8 396 Hardcap RRMRB131 2 4 2 39.5 9.6 3.4 5.9 1.2 5.0 0.8 4.9 1.0 3.1 <t< td=""><td>RRMRB130</td><td>10</td><td>12</td><td>2</td><td>151.3</td><td>347.6</td><td>37.9</td><td>133.6</td><td>21.1</td><td>4.4</td><td>14.1</td><td>1.8</td><td>9.6</td><td>1.8</td><td>4.5</td><td>0.6</td><td>4.0</td><td>0.6</td><td>51.3</td><td>784</td><td>Upper Saprolite</td><td></td><td></td></t<>	RRMRB130	10	12	2	151.3	347.6	37.9	133.6	21.1	4.4	14.1	1.8	9.6	1.8	4.5	0.6	4.0	0.6	51.3	784	Upper Saprolite		
RRMRB130 14 16 2 160.7 30.0 142.9 23.3 4.3 10.0 2.0 10.7 2.0 5.4 0.8 4.0 0.7 61.8 781 Opper Saprolite RRMRB130 16 17 1 129.6 281.3 31.7 107.4 17.7 3.3 12.0 1.5 8.3 1.4 3.9 0.5 3.2 0.5 43.9 646 Upper Saprolite RRMRB130 17 19 2 115.6 245.7 27.4 96.0 15.8 3.0 10.1 1.4 6.7 1.3 3.3 0.4 2.9 0.5 38.1 568 Lower Saprolite 16 719 RRMRB131 0 2 4 2 38.9 285.0 9.6 34.4 5.9 1.2 5.0 0.8 4.9 1.0 3.1 0.5 3.0 0.4 2.3 42.0 Transition RRMRB131 4 5 1 86.7 277.6 19.7 70.8 11.9 2.0 9.1 1.3 <	RRMRB130	12	14	2	107.7	335.4	42.2	148.1	24.2	4.8	16.7	2.2	11.2	2.2	5.8	0.7	4.6	0.7	61.2	828	Upper Saprolite		
RRMRB130 16 17 1 129.6 261.3 31.7 107.4 17.7 3.3 12.0 1.3 8.3 1.4 3.9 0.5 3.2 0.5 43.9 646 Opper Saprolite RRMRB130 17 19 2 115.6 245.7 27.4 96.0 15.8 3.0 10.1 1.4 6.7 1.3 3.3 0.4 2.9 0.5 38.1 568 Lower Saprolite 16 719 RRMRB131 0 2 2 46.9 230.9 11.0 39.1 7.2 1.4 6.5 1.1 6.6 1.3 3.8 0.6 3.8 0.6 35.8 396 Hardcap RRMRB131 2 4 2 38.9 285.0 9.6 34.4 5.9 1.2 5.0 0.8 4.9 1.0 3.1 0.5 3.0 0.4 26.3 420 Transition RRMRB131 4 5 1 86.7 277.6 19.7 70.8 11.9 2.0 9.4 1.3 7.5	RRMRB130	14	10	2	100.7	307.1	39.0	142.9	23.3	4.3	10.0	2.0	10.7	2.0	5.4	0.8	4.0	0.7	01.8	781	Upper Saprolite		
RRMRB130 IT 19 2 IT 3.6 24.7 27.4 90.0 13.8 3.0 10.1 1.4 0.7 1.3 3.3 0.4 2.9 0.5 38.1 306 Lower saptoine 16 719 RRMRB131 0 2 2 46.9 230.9 11.0 39.1 7.2 1.4 6.5 1.1 6.6 1.3 3.8 0.6 3.8 0.6 35.8 396 Hardcap RRMB131 2 4 2 38.9 285.0 9.6 34.4 5.9 1.2 5.0 0.8 4.9 1.0 3.1 0.5 3.0 0.4 26.3 420 Transition RRMB131 4 5 1 86.7 277.6 19.7 70.8 11.9 2.0 10.1 1.4 8.0 1.7 4.9 0.7 4.9 0.7 4.9 0.7 4.9 0.7 4.9 0.7 4.9 0.7 4.9 0.7 4.9 0.7 4.9 0.7 4.9 0.7 4.9 4.9	RRIVIRB 130	10	10	1	129.0	201.3	31.7	107.4	17.7	3.3	12.0	1.5	0.3	1.4	3.9	0.5	3.2	0.5	43.9	040 569	Upper Saprolite	16	710
RRMRB131 0 2 2 46.9 23.9 11.0 39.1 7.2 1.4 6.5 1.1 6.6 1.3 3.6 0.6 3.6 0.6 33.6 396 Halddap RRMRB131 2 4 2 38.9 285.0 9.6 34.4 5.9 1.2 5.0 0.8 4.9 1.0 3.1 0.5 3.0 0.4 26.3 420 Transition RRMRB131 4 5 1 86.7 277.6 19.7 70.8 11.9 2.0 10.1 1.4 8.0 1.7 4.9 0.7 4.6	RRIVIRD 130	17	19	2	46.0	240.7	21.4	90.0	15.0	3.0	10.1	1.4	0.7	1.3	3.3	0.4	2.9	0.5	30.1	200	Lower Sapronite	10	/ 19
RNMRD131 2 4 2 30.9 20.0 30.9 34.4 3.9 1.2 3.0 0.0 4.9 1.0 3.1 0.5 3.0 0.4 20.3 420 Pransition RRMRB131 4 5 1 86.7 277.6 19.7 70.8 11.9 2.0 10.1 1.4 8.0 1.7 4.9 0.7 4.9 0.7 49.3 550 Clay RRMRB131 5 7 2 78.9 152.3 17.6 63.9 11.2 2.0 9.4 1.3 7.5 1.7 4.8 0.7 4.6 0.6 47.2 404 Upper Saprolite 3 453 RRMRB131 7 9 2 58.4 93.5 12.9 44.9 8.7 1.5 7.3 1.2 6.4 1.3 3.8 0.6 3.9 0.5 39.5 284 Upper Saprolite RRMRB131 9 10 11 44.4 87.8 10.1 36.6 0.9 5.0 1.1 3.3 0.4 3.		0	2	2	40.9	230.9	11.0	39.1	1.2	1.4	0.0	1.1	0.0	1.3	3.8 2 1	0.0	3.ð 2 0	0.0	30.0 26.2	390	Transition		
RNMRD131 4 5 1 00.7 211.0 19.7 70.0 11.9 2.0 10.1 1.4 8.0 1.7 4.9 0.7 4.9 0.7 49.3 550 Clay RRMRB131 5 7 2 78.9 152.3 17.6 63.9 11.2 2.0 9.4 1.3 7.5 1.7 4.8 0.7 4.6 0.6 47.2 404 Upper Saprolite 3 453 RRMRB131 7 9 2 58.4 93.5 12.9 44.9 8.7 1.5 7.3 1.2 6.4 1.3 3.8 0.6 3.9 0.5 39.5 284 Upper Saprolite 3 453 RRMRB131 9 10 1 44.4 87.8 10.1 36.6 6.4 1.3 5.6 0.9 5.0 1.1 3.3 0.4 3.0 0.4 32.5 289 Upper Saprolite 9 9 1.4 4.9 0.5 1.4 0.2 1.5 0.2 15.7 114 Upper Saprolite		۷	4 E	۷	30.9	200.0	9.0	34.4 70.0	5.9 11.0	1.2	0.U	0.0	4.9	1.0	3.1	0.5	3.0	0.4	20.3	420			
RNMRB131 7 9 2 58.4 93.5 12.9 44.9 8.7 1.5 7.3 1.2 6.4 1.3 7.8 0.7 4.0 0.6 47.2 404 Upper Saprolite 5 453 RRMRB131 7 9 2 58.4 93.5 12.9 44.9 8.7 1.5 7.3 1.2 6.4 1.3 3.8 0.6 3.9 0.5 39.5 284 Upper Saprolite RRMRB131 9 10 1 44.4 87.8 10.1 36.6 6.4 1.3 5.6 0.9 5.0 1.1 3.3 0.4 3.0 0.4 32.5 284 Upper Saprolite RRMRB131 10 11 1 21.6 41.4 4.8 17.5 3.2 0.6 2.6 0.4 2.4 0.5 1.4 0.2 1.5 0.2 15.7 114 Upper Saprolite RRMRB131 11 13 2 46.4 68.3 10.9 38.7 7.0 1.5 5.6 0.8 4.4		4	5 7	2	78.0	2/1.0	19.7	63.0	11.9	2.0	10.1	1.4	0.U 7.F	1.7	4.9	0.7	4.9	0.7	49.3	350	Upper Saprolite	2	452
RRMRB131 9 10 1 44.4 87.8 10.1 36.6 6.4 1.3 5.6 0.9 5.0 1.1 3.3 0.4 3.0 0.4 32.5 204 Opper Saprolite RRMRB131 9 10 1 44.4 87.8 10.1 36.6 6.4 1.3 5.6 0.9 5.0 1.1 3.3 0.4 3.0 0.4 32.5 204 Opper Saprolite RRMRB131 10 11 1 21.6 41.4 4.8 17.5 3.2 0.6 2.6 0.4 2.4 0.5 1.4 0.2 1.5 0.2 15.7 144 Upper Saprolite RRMRB131 11 13 2 46.4 68.3 10.9 38.7 7.0 1.5 5.6 0.8 4.4 0.9 2.7 0.4 2.5 0.3 27.3 218 Upper Saprolite RRMRB131 13 15 2 8.8 1.2 5.9 1.2 3.2 0.4 2.8 0.4 36.2 357 Upper	RRMPR131	5	ر ۵	2	10.9 58 1	02.5	12.0	03.9 44.0	9.7	2.0	9.4 7 3	1.3	6.4	1.7	4.0 2 Q	0.0	4.0 2.0	0.0	30.5	404 28/	Upper Saprolite	3	400
RRMRB131 10 11 1 21.6 41.4 4.8 17.5 3.2 0.6 2.6 0.4 2.4 0.5 1.4 0.2 1.5 0.2 15.7 114 Upper Saprolite RRMRB131 11 13 2 46.4 68.3 10.9 38.7 7.0 1.5 5.6 0.8 4.4 0.9 2.7 0.4 2.5 0.3 27.3 218 Upper Saprolite RRMRB131 13 15 2 83.4 11.8 19.3 68.2 11.9 2.6 8.8 1.2 5.9 1.2 3.2 0.4 2.8 0.4 36.2 32.5 Upper Saprolite	RRMRB131	í Q	9 10	<u> </u>	44.4	87.8	10.1	36.6	6.4	1.3	5.6	0.9	5.0	1.5	3.0	0.0	3.9	0.5	32.5	204	Upper Saprolite		
RRMRB131 11 13 2 46.4 68.3 10.9 38.7 7.0 1.5 5.6 0.8 4.4 0.9 2.7 0.4 2.5 0.3 27.3 21.8 Upper Saprolite RRMRB131 13 15 2 83.4 111.8 19.3 68.2 11.9 2.6 8.8 1.2 5.9 1.2 3.2 0.4 2.8 0.4 36.2 357 Upper Saprolite	RRMPR131	10	11	1	21.6	<u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u>	10.1	17.5	3.2	0.6	2.0	0.3	2.0	0.5	1 /	0.7	1.5	0.7	15.7	11/	Upper Caprolite		
RRMRB131 13 15 2 83.4 111.8 19.3 68.2 11.9 2.6 8.8 1.2 5.9 1.2 3.2 0.4 2.8 0.4 36.2 357 Unner Sanrolite	RRMRB131	11	13	2	46.4	68.3	10.9	38.7	7.0	1.5	5.6	0.8	4.4	0.0	27	0.2	2.5	0.2	27.3	218	Upper Saprolite		
	RRMRB131	13	15	2	83.4	111.8	19.3	68.2	11.9	2.6	8.8	1.2	5.9	1.2	3.2	0.4	2.8	0.4	36.2	357	Upper Saprolite		

Image Tab Image Loo Pool Pool <th< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>>200p TREO-</th><th>opm CeO₂</th></th<>																						>200p TREO-	opm CeO₂
Intend Int Path Path </th <th></th> <th>From</th> <th>То</th> <th>Int</th> <th>l a.O.</th> <th>CeO.</th> <th>Pr.O.</th> <th>Nd₂O₂</th> <th>Sm.O.</th> <th>Eu.O.</th> <th>Gd.O.</th> <th>Th₂O₂</th> <th>Dv.O.</th> <th>Ho.O.</th> <th>Er.O.</th> <th>Tm.O.</th> <th>Yh₂O₂</th> <th>Lu₂O₂</th> <th>Y.O.</th> <th>TREO</th> <th>Regolith</th> <th>Inter</th> <th>val TREO</th>		From	То	Int	l a.O.	CeO.	Pr.O.	Nd ₂ O ₂	Sm.O.	Eu.O.	Gd.O.	Th ₂ O ₂	Dv.O.	Ho.O.	Er.O.	Tm.O.	Yh ₂ O ₂	Lu ₂ O ₂	Y.O.	TREO	Regolith	Inter	val TREO
NUMBERS 16 17 2 0.00 170 120 170 10 10 10 27 0.44 2.3 0.00 2.3 0.00 2.3 0.00 2.3 0.00 2.3 0.00 2.3 0.00 2.3 0.00 2.4 0.00 2.3 0.00 2.4 0.00 2.3 0.00 2.4 0.00 2.3 0.00 2.4 0.00 2.3 0.00 2.4 0.00 2.3 0.00 2.4 0.00 2.3 0.00 2.4 0.00 2.3 0.00 0.00 0.00	Hole ID	m	m	m	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Zone	(m)	ppm
SIGNEGRA 1 1 10 1 10 1 10 1 10 1 10 10 10 100	RRMRB131	15	17	2	76.6	105.0	17.9	62.9	10.7	2.4	8.1	1.1	5.7	1.0	2.9	0.4	2.3	0.4	32.3	330	Upper Saprolite		
BINDERSID 16 17 100 15. 95. 101 12. 17. 10 5.3 1.1 14. 15. 14. 14. 15.<	RRMRB131	17	18	1	59.1	84.1	13.8	50.4	8.1	1.8	6.6	0.9	4.6	1.0	2.7	0.4	2.4	0.4	30.1	266	Upper Saprolite		
BNMB13 16 21 2 70 0.1 2.2 7.7 1.1 5.5 1.0 6.4 2.8 0.4 3.3 308 Ugee Saymetee BNMB13 2.2 2.2 0.6 0.00 1.0 5.4 1.0 5.4 1.0 5.4 1.0 5.4 1.0 5.4 1.0 5.4 1.0 5.4 1.0 5.4 1.0 5.4 1.0 5.4 1.0 5.4 1.0 5.4 1.0 5.4 1.0 5.4 1.0 1.0 1.0 </td <td>RRMRB131</td> <td>18</td> <td>19</td> <td>1</td> <td>67.9</td> <td>107.0</td> <td>15.5</td> <td>55.4</td> <td>10.1</td> <td>2.1</td> <td>7.7</td> <td>1.0</td> <td>5.3</td> <td>1.1</td> <td>2.8</td> <td>0.4</td> <td>2.4</td> <td>0.4</td> <td>30.5</td> <td>310</td> <td>Upper Saprolite</td> <td></td> <td></td>	RRMRB131	18	19	1	67.9	107.0	15.5	55.4	10.1	2.1	7.7	1.0	5.3	1.1	2.8	0.4	2.4	0.4	30.5	310	Upper Saprolite		
PRMBP13 2.1 2.8 2 5.6 0.9 2.6 0.4 2.4 0.5 2.0 2.7 1.0 1.0 2.0 </td <td>RRMRB131</td> <td>19</td> <td>21</td> <td>2</td> <td>70.5</td> <td>93.8</td> <td>16.0</td> <td>57.7</td> <td>10.6</td> <td>2.2</td> <td>7.7</td> <td>1.1</td> <td>5.5</td> <td>1.1</td> <td>3.4</td> <td>0.4</td> <td>2.8</td> <td>0.4</td> <td>33.1</td> <td>306</td> <td>Upper Saprolite</td> <td></td> <td></td>	RRMRB131	19	21	2	70.5	93.8	16.0	57.7	10.6	2.2	7.7	1.1	5.5	1.1	3.4	0.4	2.8	0.4	33.1	306	Upper Saprolite		
REMENDING 12 12 10 <	RRMRB131	21	23	2	56.6	102.0	13.0	48.2	8.4	1.7	6.2	0.9	5.0	0.9	2.6	0.4	2.4	0.3	29.0	278	Lower Saprolite		
RHMB182 0 2 2 3.3 799.2 7.8 2.6.7 6.3 0.9 4.3 0.9 2.8 0.8 2.8 0.8 2.8.4 0.7.6 Hardsop MOMB182 2 4 6.4 4 6.6 2.4 4.0 6.8 2.4 0.5 0.0 2.0 0.0 2.0 0	RRMRB131	23	25	2	67.7	109.1	15.9	56.0	9.3	2.1	7.0	1.0	5.4	1.1	2.9	0.4	2.4	0.4	31.7	312	Lower Saprolite	12	312
REMBERS12 2 4 2 4 2 4 2 4 2 4 2 4 2 4 2 4 2 4 1 6 1 1 1 6 1 1 1 6 1 1 2 4 1 1 1 2 1	RRMRB132	0	2	2	33.7	759.2	7.6	26.7	5.3	0.9	4.3	0.7	4.7	0.9	2.9	0.4	3.0	0.5	25.4	876	Hardcap		
PRMRe132 -4 -6 -2 -4.0 10.2 10.0 5.5 0.8 4.8 10.0 3.1 0.5 3.7 0.6 3.07 2.26 Cole Cole Cole Cole S.7 0.6 3.07 2.26 Cole S.7 0.6 3.07 2.26 Cole 3.7 0.6 3.07 2.26 Cole 2.4 Cole 3.7 0.6 3.07 2.26 Cole 2.4 Cole 3.7 0.6 3.07 2.26 Cole 3.7 0.6 0.0 2.2 0.4 2.20 0.4 2.20 0.4 2.20 0.4 2.20 0.4 2.20 0.4 2.20 0.4 2.20 2.20 2.20 0.20 2.20 2.20 2.20 2.20 2.20 2.20 2.20 2.20	RRMRB132	2	4	2	40.5	633.9	9.2	32.1	5.9	1.1	5.0	0.9	5.0	1.0	3.3	0.5	4.1	0.6	31.9	775	Hardcap		
RNM.R132 6 8 2 64.2 68.7 11.1 30.5 6.2 1.4 5.7 0.8 4.8 10 2.8 0.4 2.0 0.5 31.6 2.22 Upper Specifie RMM.R132 10 10.2 2.4 2.62 1.04 10.2 2.6 0.4 2.6 0.4 2.6 0.4 2.6 0.4 2.6 0.4 2.6 0.4 2.6 0.4 2.6 0.4 2.6 0.4 2.6 0.4 2.6 0.4 0.6 2.6 0.4 0.6 2.6 0.4 0.6 <td>RRMRB132</td> <td>4</td> <td>6</td> <td>2</td> <td>44.0</td> <td>108.2</td> <td>10.9</td> <td>37.3</td> <td>7.0</td> <td>1.0</td> <td>5.5</td> <td>0.8</td> <td>4.8</td> <td>1.0</td> <td>3.1</td> <td>0.5</td> <td>3.7</td> <td>0.6</td> <td>30.7</td> <td>259</td> <td>Gravel</td> <td></td> <td></td>	RRMRB132	4	6	2	44.0	108.2	10.9	37.3	7.0	1.0	5.5	0.8	4.8	1.0	3.1	0.5	3.7	0.6	30.7	259	Gravel		
RRMBR13 8 10 2 60.2 10.4 10 80.2 10.4 10 22 62.4 12 63.4 10 23.6 0.4 21.6 24.6 10.4	RRMRB132	6	8	2	54.2	88.7	11.1	39.5	6.2	1.4	5.7	0.8	4.8	1.0	2.8	0.4	2.9	0.5	31.6	252	Upper Saprolite		
PROMENIS 10 12 2 4 2 12 54 0.8 4.1 0.8 2.2 0.3 19 0.3 2.41 2.40 0.90 2.90 0.90 2.41 2.40 0.24 2.44 0.42 2.44 0.42 2.44 0.42 2.44 0.42 2.44 0.42 2.44 0.42 2.44 0.42 2.44 0.90 2.44 0.8 2.44 0.8 2.44 0.8 2.44 0.8 2.44 0.8 2.44 0.8 2.44 0.8 2.41 0.8 2.41 0.8 2.41 0.8 2.41 0.8 2.41 0.8 0.8 2.41 0.8 2.21 0.4 2.81 0.41 2.81 0.42 2.41 0.8 2.81 0.8	RRMRB132	8	10	2	50.2	110.4	10.9	39.2	6.2	1.5	5.5	0.8	4.9	1.0	2.8	0.4	2.6	0.4	31.2	268	Upper Saprolite		
Medden 12 12 14 15 15 0.02 0.02 12 14 14 14 15 0.02 0.02 12 14 14 15 15 0.02 0.02 12 14 12 10ppc Suprotine RMME132 10 12 155 10 15 10 15 10 15 10 12 14 <td>RRMRB132</td> <td>10</td> <td>12</td> <td>2</td> <td>45.2</td> <td>98.4</td> <td>11.9</td> <td>41.5</td> <td>7.4</td> <td>1.2</td> <td>5.4</td> <td>0.8</td> <td>4.1</td> <td>0.8</td> <td>2.2</td> <td>0.3</td> <td>1.9</td> <td>0.3</td> <td>24.1</td> <td>246</td> <td>Upper Saprolite</td> <td></td> <td></td>	RRMRB132	10	12	2	45.2	98.4	11.9	41.5	7.4	1.2	5.4	0.8	4.1	0.8	2.2	0.3	1.9	0.3	24.1	246	Upper Saprolite		
Producting 12 11 15 12 130 88.3 8.3 4.34 0.0 1.4 4.3 0.03 2.4 0.01 2.3 0.04 2.00 2.4 0.00 2.40 0.24 0.00 2.4 0.03 2.4 0.03 2.4 0.03 2.4 0.03 2.2 0.04 2.00 2.2 0.00 2.2 0.00 2.2 0.01 2.00 2.2 0.01 2.00	RRMRB132	12	14	2	39.5	86.0	10.1	36.4	6.4	1.2	5.0	0.7	3.8	0.8	2.5	0.3	2.4	0.4	24.4	220	Upper Saprolite		
Prime 1 2 4 0 1 0 <td>RRMRB132</td> <td>14</td> <td>16</td> <td>2</td> <td>37.9</td> <td>89.3</td> <td>9.8</td> <td>33.4</td> <td>6.0</td> <td>1.3</td> <td>4.9</td> <td>0.8</td> <td>4.5</td> <td>0.9</td> <td>2.6</td> <td>0.4</td> <td>2.5</td> <td>0.4</td> <td>29.0</td> <td>224</td> <td>Upper Saprolite</td> <td></td> <td></td>	RRMRB132	14	16	2	37.9	89.3	9.8	33.4	6.0	1.3	4.9	0.8	4.5	0.9	2.6	0.4	2.5	0.4	29.0	224	Upper Saprolite		
RNMER132 0 0 0<	RRMRB132	16	18	2	42.8	79.4	10.7	36.7	6.6 7.7	1.5	5.6	0.8	4.6	0.9	2.4	0.3	2.2	0.4	29.8	225	Upper Saprolite		
Andmania 20 24 2 1 1 2 1 <th1< td=""><td>RRIMRB132</td><td>18</td><td>20</td><td>2</td><td>52.5</td><td>110.8</td><td>13.2</td><td>45.5</td><td>7.0</td><td>1.1</td><td>5.9</td><td>0.9</td><td>4.7</td><td>0.9</td><td>2.4</td><td>0.3</td><td>2.3</td><td>0.4</td><td>28.1</td><td>277</td><td>Upper Saprolite</td><td></td><td></td></th1<>	RRIMRB132	18	20	2	52.5	110.8	13.2	45.5	7.0	1.1	5.9	0.9	4.7	0.9	2.4	0.3	2.3	0.4	28.1	277	Upper Saprolite		
RAWRING 12 22 24 25 1 10 10 10 100	RRIVIRD 132	20	22	2	57.0	110.0	12.9	43.2	1.0	0.0	5.9	0.0	4.3	0.0	2.3	0.3	2.2	0.4	20.2	219	Lower Saprolite		
Interval Image is a bit is bit is a bit is a bit is bit bit is a bit is bit is b	RRIVIRB132	22	24		59.1	127.1	14.1	47.0	0.3	0.9	6.8	0.9		1.0	2.9	0.4	2.0	0.4	20.7	300	Lower Saprolite		
RRMR61:3 0 2 4 2 4/2 1/2	DDMDB132	24	23	2	74.0	174.4	17.9	60.3	10.6	1.9	10.0	0.0	7.0	1.6	2.5	0.4	2.0	0.4	29.7	/10	Lower Sapronte		
NUMBERIS L To L To L To L Lo Lo <thlo< th=""> Lo <thlo< th=""> <th< td=""><td>RRMRB133</td><td>2</td><td><u></u></td><td>2</td><td>/4.9</td><td>174.4</td><td>9.7</td><td>32.0</td><td>6.0</td><td>1.0</td><td>5.1</td><td>0.8</td><td>1.9</td><td>0.8</td><td>4.7</td><td>0.0</td><td>4.7</td><td>0.7</td><td>25.7</td><td>316</td><td>Transition</td><td></td><td></td></th<></thlo<></thlo<>	RRMRB133	2	<u></u>	2	/4.9	174.4	9.7	32.0	6.0	1.0	5.1	0.8	1.9	0.8	4.7	0.0	4.7	0.7	25.7	316	Transition		
BRMRB133 5 7 2 74.2 15.2 15.2 15.3 15.3 15.2 15.3	RRMRB133	4	5	1	33.0	214.4	6.2	21.8	3.5	0.6	3.0	0.0	3.0	0.0	2.0	0.4	1.8	0.0	19.0	311	Gravel		
RRMRB133 7 0 2 640 132.7 137 16 72 1.1 6.4 1.3 4.3 0.5 3.4 0.6 401 334 Clay Clay 4 367 RRMR133 9 11 12 18.5 155 157 1.1 6.4 1.3 6.5 3.3 0.5 3.4 0.6 40.1 334 Clay Upper Saprolite RRMR133 11 12 1 85.5 115.7 1.4 6.4 0.6 1.1 0.3 0.5 3.4 0.6 40.1 20 0.5 3.4 0.6 3.0 0.6 1.6 0.2 1.8.6 2.6 1.0.5 0.6 0.6 0.7 0.3 1.9 0.3 2.4.9 0.1 Upper Saprolite 0.6 0.4 0.6 0.7 1.8 0.7 0.9 0.4 0.6 1.6 0.2 1.8.6 0.2 1.8.0 0.2 1.8.0 0.2 1.8.0 0.2 1.8.0 0.2 1.8.0 0.2 1.6.0 0.2 1.6.0 <td>RRMRB133</td> <td>5</td> <td>7</td> <td>2</td> <td>74.6</td> <td>181.2</td> <td>15.2</td> <td>51.9</td> <td>9.5</td> <td>1.3</td> <td>7.2</td> <td>11</td> <td>6.8</td> <td>1.3</td> <td>4 1</td> <td>0.0</td> <td>4.2</td> <td>0.0</td> <td>40.8</td> <td>400</td> <td>Clav</td> <td></td> <td></td>	RRMRB133	5	7	2	74.6	181.2	15.2	51.9	9.5	1.3	7.2	11	6.8	1.3	4 1	0.0	4.2	0.0	40.8	400	Clav		
RRMB8133 9 11 2 6.85 10.2 4.1 1.1 3.3 0.5 3.3 0.5 3.42 278 Upper Saprolite RRMR8133 11 12 14 2.54.7 11.1 45.8 8.2 1.4 6.4 0.8 4.8 1.0 2.8 0.4 2.7 0.4 30.4 2.92 Upper Saprolite RRMR8133 12 14 2 54.7 114.7 13.3 44.6 7.7 0.9 4.8 0.6 3.0 0.6 1.6 0.2 1.6 0.2 16.8 2.67 Upper Saprolite RRMR8133 16 18 2 4.2 8.4 10.4 7.7 1.2 5.5 0.7 3.5 0.7 1.0 0.3 1.9 0.3 2.49 2.4 Upper Saprolite RRMR8133 20 2.2 2 4.3.7 7.8.9 9.9 3.7.7 6.6 1.4 5.6 0.8 2.1 0.3 2.1 0.3 2.23 Upper Saprolite RRMR8133 2.4 <td< td=""><td>RRMRB133</td><td>7</td><td>9</td><td>2</td><td>64.9</td><td>132.1</td><td>13.7</td><td>49.0</td><td>7.7</td><td>1.6</td><td>7.2</td><td>1.1</td><td>6.4</td><td>1.3</td><td>4.3</td><td>0.5</td><td>3.4</td><td>0.6</td><td>40.1</td><td>334</td><td>Clay</td><td>4</td><td>367</td></td<>	RRMRB133	7	9	2	64.9	132.1	13.7	49.0	7.7	1.6	7.2	1.1	6.4	1.3	4.3	0.5	3.4	0.6	40.1	334	Clay	4	367
RRMRB133 11 12 1 9.5 115.7 13.1 4.6.8 0.2 1.0 2.8 0.4 2.7 0.4 3.0.4 202 Upper Saprolite RRMRB133 12 14 14 16 2 65.2 12.6 6.8 4.0 0.6 1.6 0.2 1.6 0.3 2.7 0.4 <td< td=""><td>RRMRB133</td><td>9</td><td>11</td><td>2</td><td>58.5</td><td>96.8</td><td>12.7</td><td>45.1</td><td>7.2</td><td>1.3</td><td>5.9</td><td>1.0</td><td>6.1</td><td>1.0</td><td>3.3</td><td>0.5</td><td>3.3</td><td>0.5</td><td>34.2</td><td>278</td><td>Upper Saprolite</td><td></td><td>001</td></td<>	RRMRB133	9	11	2	58.5	96.8	12.7	45.1	7.2	1.3	5.9	1.0	6.1	1.0	3.3	0.5	3.3	0.5	34.2	278	Upper Saprolite		001
RRMRB133 112 14 2 54.7 114.7 13.3 44.66 7.7 0.9 4.8 0.6 3.0 0.6 1.6 0.2 1.6 0.2 1.8 2.67 Upper Saprolite RRMRB133 16 16 2 65.2 126.5 1.5 5.7 0.8 3.5 0.7 1.9 0.3 1.9 0.3 24.9 3.11 Upper Saprolite RRMRB133 16 18 2 44.2 84.4 10.4 7.7 1.2 5.5 0.7 3.5 0.7 1.9 0.3 1.9 0.3 24.8 239 Upper Saprolite RRMRB133 22 2.4 43.7 9.9 37.7 6.6 1.4 5.6 0.8 4.3 0.8 2.3 0.3 2.2 0.3 2.82 2.24 Upper Saprolite RRMR8133 24 2.5 1 45.8 1.4 5.6 0.8 4.3 0.8 2.3 0.3 2.2 0.3 2.82 2.92 Upper Saprolite 0.8 0.1 0.7	RRMRB133	11	12	1	58.5	115.7	13.1	45.8	8.2	1.4	6.4	0.8	4.8	1.0	2.8	0.4	2.7	0.4	30.4	292	Upper Saprolite		
RPMRB133 14 16 2 65.2 12.6 5.2 6.5 1.5 5.7 0.8 4.0 0.7 1.9 0.3 1.9 0.3 2.4.9 214 Upper Saprolite RRMRB133 16 18 2 44.2 84.4 10.4 37.2 6.5 1.5 5.7 0.8 3.5 0.7 1.9 0.3 2.0 0.3 24.9 224 Upper Saprolite RRMRB133 20 2 4.3.7 98.9 10.8 36.2 6.4 1.2 5.0 0.7 3.5 0.8 2.1 0.3 1.8 0.3 2.8.2 2.24 Upper Saprolite RRMRB133 24 25 1 4.59 9.8 3.0.3 5.8 0.7 4.0 0.8 2.1 0.3 2.2 0.3 2.2 Upper Saprolite RRMRB134 0 2 2 4.6 3.3.3 5.8 0.9 4.4 0.8 4.2 0.3 2.7 0.4 2.4 2.8 Gravel RRMRB134 1 <	RRMRB133	12	14	2	54.7	114.7	13.3	44.6	7.7	0.9	4.8	0.6	3.0	0.6	1.6	0.2	1.6	0.2	18.8	267	Upper Saprolite		
RRMRB133 16 18 2 44.2 84.4 10.4 37.2 6.5 1.5 5.7 0.8 3.5 0.7 2.0 0.3 2.0 0.3 2.49 224 Upper Saprolite RRMRB133 18 20 2 47.9 90.9 11.5 40.4 7.7 1.2 5.5 0.7 3.5 0.7 1.9 0.3 1.9 0.3 24.8 239 Upper Saprolite RRMRB133 20 22 2 43.7 98.9 10.8 6.6 1.4 5.6 0.7 3.5 0.8 2.1 0.3 1.8 0.3 2.3 Upper Saprolite RRMRB133 24 2 44.3 7.8 9.9 37.7 6.6 1.4 5.6 0.8 4.3 0.8 2.1 0.3 2.2 0.3 2.2 2.4 8.4 10.5 3.6.3 1.3 5.7 0.7 4.0 0.8 2.1 0.3 2.1 0.3 2.2 0.3 2.2 2.4 4.6 Sol 3.3 0.5 <td< td=""><td>RRMRB133</td><td>14</td><td>16</td><td>2</td><td>65.2</td><td>126.5</td><td>15.6</td><td>52.6</td><td>8.8</td><td>1.2</td><td>6.2</td><td>0.8</td><td>4.0</td><td>0.7</td><td>1.9</td><td>0.3</td><td>1.9</td><td>0.3</td><td>24.9</td><td>311</td><td>Upper Saprolite</td><td></td><td></td></td<>	RRMRB133	14	16	2	65.2	126.5	15.6	52.6	8.8	1.2	6.2	0.8	4.0	0.7	1.9	0.3	1.9	0.3	24.9	311	Upper Saprolite		
RRMRB133 18 20 2 47.9 90.9 11.5 40.4 7.7 1.2 5.5 0.7 3.5 0.7 1.9 0.3 1.9 0.3 24.8 239 Upper Saprolite RRMRB133 20 22 2 43.7 98.9 10.8 36.2 6.4 1.2 5.0 0.7 3.5 0.8 2.1 0.3 1.8 0.3 2.35 2.35 Upper Saprolite RRMRB133 24 25 1 45.9 88.4 10.5 36.3 6.3 1.3 5.7 0.7 4.0 0.8 2.1 0.3 2.1 0.3 2.1 0.3 2.2 2.03 2.2 Upper Saprolite RRMRB134 0 2 2 4.8 4.2 0.8 2.5 0.3 2.7 0.4 2.4 4.2 2.8 2.9 0.3 5.5 0.1 1.4 0.5 3.3 0.5 3.5.8 3.5 Clay RAR 1.8 0.2 0.3 2.0 0.3 2.0 0.3 2.0 0	RRMRB133	16	18	2	44.2	84.4	10.4	37.2	6.5	1.5	5.7	0.8	3.5	0.7	2.0	0.3	2.0	0.3	24.9	224	Upper Saprolite		
RRMRB133 20 22 2 43.7 98.9 10.8 86.2 6.4 1.2 5.0 0.7 3.5 0.8 2.1 0.3 1.8 0.3 2.35 2.35 Upper Saprolite RRMRB133 22 24 2 44.3 78.9 9.9 37.7 6.6 1.4 5.6 0.8 4.3 0.8 2.3 0.3 2.2 0.3 2.7.3 2.32 Upper Saprolite RRMRB134 2 4 2.2 48.6 332.9 8.2 2.8.1 5.2 1.0 3.8 0.7 4.1 0.7 2.3 0.4 2.3 0.4 2.8 G.3 2.7 2.83 G.4 0.8 2.5 0.3 2.7 0.4 2.4 C28 Gravel	RRMRB133	18	20	2	47.9	90.9	11.5	40.4	7.7	1.2	5.5	0.7	3.5	0.7	1.9	0.3	1.9	0.3	24.8	239	Upper Saprolite		
RRMRB133 22 24 2 44.3 78.9 9.9 37.7 6.6 1.4 5.6 0.8 4.3 0.8 2.2 0.3 2.22 0.3 2.22 0.3 2.24 Upper Saprolite RRMRB134 0 2 2 48.6 33.29 8.2 28.1 5.2 1.0 3.8 0.7 4.1 0.7 2.3 0.4 2.3 0.4 2.3 0.4 2.4 0.4 2.4 0.4 2.4 0.4 2.4 0.4 2.4 0.4 2.4 0.4 2.4 0.4 2.4 0.4 2.4 0.4 2.4 0.4 2.4 0.4 2.4 0.4 2.4 0.4 2.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.5 0.3 2.0 0.3 2.0 0.3 2.0 0.3 2.0 0.3 2.0 0.3 2.0 0.3 0.0 0.3 0.0 0.3 <t< td=""><td>RRMRB133</td><td>20</td><td>22</td><td>2</td><td>43.7</td><td>98.9</td><td>10.8</td><td>36.2</td><td>6.4</td><td>1.2</td><td>5.0</td><td>0.7</td><td>3.5</td><td>0.8</td><td>2.1</td><td>0.3</td><td>1.8</td><td>0.3</td><td>23.5</td><td>235</td><td>Upper Saprolite</td><td></td><td></td></t<>	RRMRB133	20	22	2	43.7	98.9	10.8	36.2	6.4	1.2	5.0	0.7	3.5	0.8	2.1	0.3	1.8	0.3	23.5	235	Upper Saprolite		
RRMRB133 24 25 1 45.9 88.4 10.5 36.3 6.3 1.3 5.7 0.7 4.0 0.8 2.1 0.3 2.1 0.3 2.7.3 2.32 Upper Saprolite RRMRB134 0 2 2 46.6 332.9 8.2 28.1 5.5 1.0 3.8 0.7 4.1 0.7 2.3 0.4 2.3 0.4 2.8 40.2 Solt Solt Solt Solt 3.5 0.9 4.4 0.8 2.5 0.3 2.7 0.4 2.4 2.2 Gravel RRMRB134 4 5 1 64.4 136.4 14.7 50.9 8.1 1.6 7.2 1.0 5.8 1.1 3.4 0.5 3.3 0.5 3.5.8 3.35 Clay RRMRB134 7 9 2 3.25 59.3 7.2 2.48 3.7 0.8 3.2 0.4 1.3 0.2 1.0 0.2 14.0 19.3 Upper Saprolite RRMRB134 11 13	RRMRB133	22	24	2	44.3	78.9	9.9	37.7	6.6	1.4	5.6	0.8	4.3	0.8	2.3	0.3	2.2	0.3	28.2	224	Upper Saprolite		
RRMRB134 0 2 2 48.6 33.29 8.2 28.1 5.2 1.0 3.8 0.7 4.1 0.7 2.3 0.4 2.3 0.4 21.8 441 Soli RRMRB134 4 5 1 64.4 136.4 14.7 50.9 8.1 1.6 7.2 1.0 5.8 1.1 3.4 0.5 3.3 0.5 3.35 Clay RRMRB134 5 7 2 48.0 74.2 10.0 35.3 5.3 1.1 4.6 0.7 3.4 0.8 2.0 0.3 2.0 0.3 2.0 0.3 2.0 1.0 1.0 1.0 0.2 <td>RRMRB133</td> <td>24</td> <td>25</td> <td>1</td> <td>45.9</td> <td>88.4</td> <td>10.5</td> <td>36.3</td> <td>6.3</td> <td>1.3</td> <td>5.7</td> <td>0.7</td> <td>4.0</td> <td>0.8</td> <td>2.1</td> <td>0.3</td> <td>2.1</td> <td>0.3</td> <td>27.3</td> <td>232</td> <td>Upper Saprolite</td> <td></td> <td></td>	RRMRB133	24	25	1	45.9	88.4	10.5	36.3	6.3	1.3	5.7	0.7	4.0	0.8	2.1	0.3	2.1	0.3	27.3	232	Upper Saprolite		
RRMRB134 2 44 2 40.2 155.4 8.9 30.3 5.8 0.9 4.4 0.8 4.2 0.8 2.5 0.3 2.7 0.4 24.4 282 Gravel RRMRB134 4 5 1 64.4 136.4 14.7 50.9 8.1 1.6 7.2 1.0 5.8 1.1 3.4 0.5 3.3 0.5 35.8 335 Clay RRMRB134 7 9 2 32.5 59.3 7.2 24.8 3.7 0.8 3.2 0.5 1.3 0.2 1.3 0.2 1.0 1.4 Upper Saprolite RRMRB134 9 11 2 37.3 90.9 8.3 2.8 0.4 1.9 0.4 0.9 0.1 1.0 0.1 1.1 2.0 14.0 193 Upper Saprolite RRMRB134 13 15 2 7.2 149.3 17.0 54.6 7.7 1.0 4.2 0.4 1.2 0.1 1.0 0.1 1.4 3.3 1.0	RRMRB134	0	2	2	48.6	332.9	8.2	28.1	5.2	1.0	3.8	0.7	4.1	0.7	2.3	0.4	2.3	0.4	21.8	461	Soil		
RRMRB134 4 5 1 64.4 136.4 14.7 50.9 8.1 1.6 7.2 1.0 5.8 1.1 3.4 0.5 3.3 0.5 35.8 335 Clay RRMRB134 5 7 2 48.0 74.2 10.0 35.3 5.3 1.1 4.6 0.7 3.4 0.8 2.0 0.3 2.0 0.3 2.49 21.3 Upper Saprolite RRMRB134 9 11 2 37.3 90.9 8.3 28.7 4.1 0.9 3.2 0.4 1.3 0.2 1.0 0.2 14.0 193 Upper Saprolite RRMRB134 11 13 2 45.0 94.1 10.0 33.1 5.1 0.9 3.0 0.4 1.9 0.4 0.9 0.1 1.0 0.1 11.7 208 Upper Saprolite RRMRB134 15 17 2 75.9 148.0 17.9 55.2 8.4 0.9 4.5 0.6 2.5 0.4 1.2 0.2 1.0	RRMRB134	2	4	2	40.2	155.4	8.9	30.3	5.8	0.9	4.4	0.8	4.2	0.8	2.5	0.3	2.7	0.4	24.4	282	Gravel		
RRMRB134 5 7 2 48.0 74.2 10.0 35.3 5.3 1.1 4.6 0.7 3.4 0.8 2.0 0.3 2.0 0.3 24.9 213 Upper Saprolite RRMRB134 7 9 2 32.5 59.3 7.2 24.8 3.7 0.8 3.2 0.4 1.3 0.2 1.3 0.2 1.4 0.9 14.0 Upper Saprolite RRMRB134 11 13 2 45.0 94.1 10.0 33.1 5.1 0.9 3.0 0.4 1.3 0.2 1.0 1.0 11.1 13.0 11.9 14.0 19.0 4.2 0.4 1.3 0.2 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 4.2 0.5 2.2 0.4 1.2 0.1 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 <t< td=""><td>RRMRB134</td><td>4</td><td>5</td><td>1</td><td>64.4</td><td>136.4</td><td>14.7</td><td>50.9</td><td>8.1</td><td>1.6</td><td>7.2</td><td>1.0</td><td>5.8</td><td>1.1</td><td>3.4</td><td>0.5</td><td>3.3</td><td>0.5</td><td>35.8</td><td>335</td><td>Clay</td><td></td><td></td></t<>	RRMRB134	4	5	1	64.4	136.4	14.7	50.9	8.1	1.6	7.2	1.0	5.8	1.1	3.4	0.5	3.3	0.5	35.8	335	Clay		
RRMRB134 7 9 2 32.5 59.3 7.2 24.8 3.7 0.8 3.2 0.5 1.3 0.2 1.3 0.2 1.5 1.54 Upper Saprolite RRMRB134 9 11 2 37.3 90.9 8.3 28.7 4.1 0.9 3.2 0.4 1.3 0.2 1.0 0.2 14.0 193 Upper Saprolite RRMRB134 11 13 2 45.0 94.1 10.0 33.1 5.1 0.9 3.0 0.4 1.9 0.4 0.9 0.1 1.0 0.1 11.7 208 Upper Saprolite RMRB134 15 2 7.5.9 14.80 17.9 55.2 8.4 0.9 4.5 0.6 2.5 0.4 1.2 0.1 1.0 0.2 14.0 331 Lower Saprolite RMRB134 17 19 2 51.5 113.0 11.9 39.8 6.0 0.7 3.7 0.4 2.2 0.3 0.9 0.1 0.8 0.1 19.7 17	RRMRB134	5	7	2	48.0	74.2	10.0	35.3	5.3	1.1	4.6	0.7	3.4	0.8	2.0	0.3	2.0	0.3	24.9	213	Upper Saprolite		
RRMRB134 9 11 2 37.3 90.9 8.3 28.7 4.1 0.9 3.2 0.4 1.3 0.2 1.0 0.2 14.0 193 Upper Saprolite RRMRB134 11 13 2 45.0 94.1 10.0 33.1 5.1 0.9 3.0 0.4 1.9 0.4 0.9 0.1 1.0 0.1 11.7 208 Upper Saprolite RRMRB134 13 15 2 73.2 149.3 17.0 54.6 7.7 1.0 4.2 0.5 2.2 0.4 1.2 0.1 1.2 0.2 14.0 331 Lower Saprolite RRMRB134 15 17 2 75.9 148.0 17.9 55.2 8.4 0.9 4.5 0.6 2.5 0.4 1.2 0.1 1.0 0.2 14.0 331 Lower Saprolite RRMRB134 19 2.1 2 37.1 76.9 8.6 29.0 4.2 0.3 0.7 0.1 0.8 0.1 9.7 173	RRMRB134	7	9	2	32.5	59.3	7.2	24.8	3.7	0.8	3.2	0.5	2.3	0.5	1.3	0.2	1.3	0.2	15.9	154	Upper Saprolite		
RRMRB134 11 13 2 45.0 94.1 10.0 33.1 5.1 0.9 3.0 0.4 1.9 0.4 0.9 0.1 1.0 0.1 11.7 208 Upper Saprolite RRMRB134 13 15 2 73.2 149.3 17.0 54.6 7.7 1.0 4.2 0.5 2.2 0.4 1.2 0.1 1.2 0.2 14.7 327 Upper Saprolite RRMRB134 15 17 2 75.9 148.0 17.9 55.2 8.4 0.9 4.5 0.6 2.5 0.4 1.2 0.2 1.0 0.2 14.0 331 Lower Saprolite RRMRB134 17 19 2 51.5 113.0 11.9 39.8 6.0 0.7 3.7 0.4 2.2 0.3 0.1 0.8 0.1 10.9 242 Lower Saprolite RRMRB134 19 21 2 37.1 76.9 8.6 29.0 4.2 0.7 2.5 0.3 1.6 0.3 0.5 <t< td=""><td>RRMRB134</td><td>9</td><td>11</td><td>2</td><td>37.3</td><td>90.9</td><td>8.3</td><td>28.7</td><td>4.1</td><td>0.9</td><td>3.2</td><td>0.4</td><td>2.3</td><td>0.4</td><td>1.3</td><td>0.2</td><td>1.0</td><td>0.2</td><td>14.0</td><td>193</td><td>Upper Saprolite</td><td></td><td></td></t<>	RRMRB134	9	11	2	37.3	90.9	8.3	28.7	4.1	0.9	3.2	0.4	2.3	0.4	1.3	0.2	1.0	0.2	14.0	193	Upper Saprolite		
RRMRB134 13 15 2 73.2 149.3 17.0 54.6 7.7 1.0 4.2 0.5 2.2 0.4 1.2 0.1 1.2 0.2 14.7 327 Upper Saprolite RRMRB134 15 17 2 75.9 148.0 17.9 55.2 8.4 0.9 4.5 0.6 2.5 0.4 1.2 0.2 1.0 0.2 14.0 331 Lower Saprolite RRMRB134 17 19 2 51.5 113.0 11.9 39.8 6.0 0.7 3.7 0.4 2.2 0.3 0.9 0.1 0.8 0.1 10.9 242 Lower Saprolite RRMB134 19 21 2 37.1 76.9 8.6 29.0 4.2 0.7 2.5 0.3 1.6 0.3 0.7 0.1 0.8 0.1 9.7 173 Lower Saprolite RRMB135 0 2 45.0 198.4 9.9 33.4 6.4 1.2 5.1 0.8 4.9 1.0 2.9 0	RRMRB134	11	13	2	45.0	94.1	10.0	33.1	5.1	0.9	3.0	0.4	1.9	0.4	0.9	0.1	1.0	0.1	11.7	208	Upper Saprolite		
KRMKB134 15 17 2 7.5.9 148.0 17.9 55.2 8.4 0.9 4.5 0.6 2.5 0.4 1.2 0.2 1.0 0.2 14.0 331 Lower Saprolite RRMRB134 17 19 2 51.5 113.0 11.9 39.8 6.0 0.7 3.7 0.4 2.2 0.3 0.9 0.1 0.8 0.1 10.9 242 Lower Saprolite RRMRB134 19 21 2 37.1 76.9 8.6 29.0 4.2 0.7 2.5 0.3 1.6 0.3 0.7 0.1 0.8 0.1 9.7 173 Lower Saprolite RRMRB135 0 2 4.50 198.4 9.9 33.4 6.4 1.2 5.1 0.8 4.9 1.0 2.9 0.4 3.0 0.5 28.8 342 Soit RRMRB135 2 4 2 32.0 12.1 4.0 0.8 3.2 0.5 2.8 0.6 1.8 0.3 1.8 0.3	RRMRB134	13	15	2	73.2	149.3	17.0	54.6	7.7	1.0	4.2	0.5	2.2	0.4	1.2	0.1	1.2	0.2	14.7	327	Upper Saprolite		
KRMKB134 17 19 2 51.5 113.0 11.9 39.8 6.0 0.7 3.7 0.4 2.2 0.3 0.9 0.1 0.8 0.1 10.9 242 Lower Saprolite RRMRB134 19 21 2 37.1 76.9 8.6 29.0 4.2 0.7 2.5 0.3 1.6 0.3 0.7 0.1 0.8 0.1 9.7 173 Lower Saprolite RRMRB135 0 2 2 45.0 198.4 9.9 33.4 6.4 1.2 5.1 0.8 4.9 1.0 2.9 0.4 3.0 0.5 28.8 342 Soil RRMRB135 2 4 2 32.0 121.1 6.5 23.1 4.0 0.8 3.2 0.5 2.8 0.6 1.8 0.3 2.0 0.3 17.5 217 Gravel RRMRB135 4 5 1 28.7 72.5 6.0 21.7 3.6 0.7 2.5 0.3 2.6 0.6 1.6 0.3	RRMRB134	15	17	2	/5.9	148.0	17.9	55.2	8.4	0.9	4.5	0.6	2.5	0.4	1.2	0.2	1.0	0.2	14.0	331	Lower Saprolite		
RRMRB135 Q Q Solution Q Solution Q <td>RKIMRB134</td> <td>1/</td> <td>19</td> <td>2</td> <td>51.5</td> <td>113.0</td> <td>11.9</td> <td>39.8</td> <td>6.0</td> <td>0.7</td> <td>3.7</td> <td>0.4</td> <td>2.2</td> <td>0.3</td> <td>0.9</td> <td>0.1</td> <td>0.8</td> <td>0.1</td> <td>10.9</td> <td>242</td> <td>Lower Saprolite</td> <td></td> <td></td>	RKIMRB134	1/	19	2	51.5	113.0	11.9	39.8	6.0	0.7	3.7	0.4	2.2	0.3	0.9	0.1	0.8	0.1	10.9	242	Lower Saprolite		
KRMKB135 U Z Z 43.0 U Z Z 43.0 U U Z Z Solit RRMRB135 Q 4 Q U U U Z U		19	21	2	37.1	/6.9	8.6	29.0	4.2	0.7	2.5	0.3	1.6	0.3	0.7	0.1	0.8	0.1	9.7	1/3	Lower Saprolite		
RRMRB135 2 4 2 32.0 121.1 0.5 23.1 4.0 0.8 32.2 0.0 2.8 0.6 1.8 0.3 2.0 0.3 17.5 217 Gravel RRMRB135 4 5 1 28.7 72.5 6.0 21.7 3.6 0.7 3.3 0.4 2.6 0.6 1.6 0.3 1.8 0.3 17.5 217 Gravel RRMRB135 4 5 1 28.7 72.5 6.0 21.7 3.6 0.7 3.3 0.4 2.6 0.6 1.6 0.3 1.8 0.3 17.5 217 Gravel RRMB135 5 7 2 29.2 59.8 6.1 23.0 3.5 0.6 2.9 0.4 2.2 0.5 1.5 0.2 1.7 0.3 15.7 148 Clay RRMB135 7 8 1 23.7 36.5 5.1 17.5 2.8 0.7 2.5 0.3 2.0 1.3 0.2 1.3 0.2	RKIMRB135	0	2	2	45.0	198.4	9.9	33.4	6.4	1.2	5.1	0.8	4.9	1.0	2.9	0.4	3.0	0.5	28.8	342	Soll		
RRMRB135 5 7 2 29.2 59.8 6.1 23.0 3.5 0.6 2.9 0.4 2.2 0.5 1.6 0.3 1.8 0.3 17.3 162 Iffailtion RRMRB135 5 7 2 29.2 59.8 6.1 23.0 3.5 0.6 2.9 0.4 2.2 0.5 1.5 0.2 1.7 0.3 15.7 148 Clay RRMRB135 7 8 1 23.7 36.5 5.1 17.5 2.8 0.7 2.5 0.3 2.0 1.3 0.2 1.3 0.2 13.0 2 148 Clay RRMRB135 7 8 1 23.7 36.5 5.1 17.5 2.8 0.7 2.5 0.3 2.0 1.3 0.2 1.3 0.2 13.2 108 Upper Saprolite RRMRB135 8 10 2.6 0.7 3.8 0.7 2.2 0.3 2.0 0.3 24.9 194 Upper Saprolite RBMRB135 10		2	4	2	32.0	72.5	6.5	23.1	4.0	0.8	3.2	0.5	2.8	0.6	1.8	0.3	2.0	0.3	17.5	217	Gravel		
RNMRD135 5 7 2 23.7 36.5 0.1 23.0 3.5 0.0 2.5 0.4 2.2 0.5 1.7 0.3 15.7 146 Clay RRMRB135 7 8 1 23.7 36.5 5.1 17.5 2.8 0.7 2.5 0.3 2.0 0.5 1.3 0.2 1.3 0.2 13.2 108 Upper Saprolite RRMRB135 8 10 2 49.7 49.6 10.8 36.7 5.8 1.1 4.9 0.7 3.8 0.7 2.2 0.3 2.0 0.3 24.9 194 Upper Saprolite RBMRB135 10 12 2 34.7 57.2 8.4 28.5 4.5 1.0 3.6 0.5 1.5 0.2 1.5 0.2 164 10 10per Saprolite		4	5	2	20.7	12.0	0.U 6 1	21.7	3.0	0.7	3.3	0.4	2.0	0.0	1.0	0.3	1.0	0.3	17.5	1/02	Clay		
RRMRB135 10 2 49.7 49.6 10.8 36.7 5.8 1.1 4.9 0.7 3.8 0.7 2.2 0.3 2.0 0.3 2.1 10.8 10.8 10.8 10.7 2.5 0.7 3.8 0.7 2.2 0.3 2.0 0.3 2.1 10.8 10.8 10.8 10.7 3.8 0.7 2.2 0.3 2.0 0.3 24.9 194 Upper Saprolite RBMRB135 10 12 2 34.7 57.2 8.4 28.5 4.5 1.0 3.6 0.5 2.5 0.5 1.5 0.2 1.5 0.2 1.64 10 Upper Saprolite		э 7	/ 0	<u>∠</u>	29.2	36 5	5.1	23.U	3.3	0.0	2.9	0.4	2.2	0.5	1.0	0.2	1./	0.3	13.7	140	Uppor Saprolita		
RRMRB135 10 12 2 347 572 84 285 45 10 36 05 25 05 15 02 15 02 164 161 Unper Saprolite	RRMPR135	/ g	0 10	2	23.7 20.7	20.5 20.6	ט.ד 10 פ	36.7	2.0 5.8	0.7	2.3 1 Q	0.3	2.0	0.5	1.3	0.2	2.0	0.2	2/ 0	100	Upper Saprolite		
	RRMRB135	10	12	2	34.7	57.2	84	28.5	4.5	10	3.6	0.7	2.5	0.7	1.5	0.0	1.5	0.0	16.4	161	Upper Saprolite		

																					>200 TREO	ppm -CeO ₂
Hole ID	From m	To m	Int. m	La₂O₃ ppm	CeO ₂ ppm	Pr ₂ O ₃ ppm	Nd ₂ O ₃ ppm	Sm₂O₃ ppm	Eu₂O₃ ppm	Gd₂O₃ ppm	Tb₂O₃ ppm	Dy₂O₃ ppm	Ho₂O₃ ppm	Er₂O₃ ppm	Tm₂O₃ ppm	Yb₂O₃ ppm	Lu₂O₃ ppm	Y₂O₃ ppm	TREO ppm	Regolith Zone	Length (m)	TREO ppm
RRMRB135	12	14	2	42.3	85.9	9.8	33.4	5.2	0.9	3.5	0.5	2.1	0.5	1.2	0.2	1.1	0.2	14.2	201	Upper Saprolite		
RRMRB135	14	16	2	57.5	116.0	12.5	41.1	5.9	1.0	4.1	0.5	2.2	0.4	1.3	0.2	1.3	0.2	14.2	258	Upper Saprolite		
RRMRB135	16	17	1	62.9	119.0	13.8	47.1	7.3	1.3	4.8	0.6	3.1	0.6	1.5	0.2	1.5	0.2	18.0	282	Lower Saprolite		
RRMRB135	17	19	2	41.5	86.2	9.0	30.2	5.0	0.9	3.0	0.5	2.4	0.5	1.4	0.2	1.3	0.2	14.2	196	Lower Saprolite]	
RRMRB135	19	20	1	49.0	96.2	10.8	36.2	6.1	1.0	4.0	0.5	3.2	0.5	1.5	0.2	1.5	0.2	18.3	229	Lower Saprolite		
RRMRB136	0	2	2					8.4			1.1				0.5	4.0		35.8		Soil		
RRMRB136	2	4	2	34.6	644.9	8.2	28.9	5.1	1.1	4.8	0.8	5.2	0.9	2.9	0.5	3.0	0.5	24.6	766	Clay		
RRMRB136	4	6	2	31.7	133.3	7.6	26.2	5.0	0.9	4.0	0.7	4.3	0.8	2.7	0.4	2.7	0.4	26.3	247	Gravel		
RRMRB136	6	8	2	43.0	135.1	9.9	36.5	7.6	1.3	6.4	1.1	6.6	1.3	4.1	0.6	4.1	0.6	36.8	295	Upper Saprolite		
RRMRB136	8	10	2	36.7	55.0	9.0	33.8	7.4	1.6	6.2	1.0	6.8	1.3	4.1	0.7	4.2	0.6	38.0	207	Upper Saprolite		
RRMRB136	10	11	1	50.3	63.0	11.5	44.3	9.6	2.1	9.5	1.6	10.5	2.1	6.4	0.9	6.4	0.9	64.3	284	Upper Saprolite		
RRMRB136	11	13	2	62.7	45.5	15.3	60.3	12.1	3.5	14.2	2.4	15.4	3.1	9.2	1.4	9.5	1.4	91.7	348	Upper Saprolite	6	
RRMRB136	13	15	2	74.4	23.3	17.8	75.6	17.9	4.6	21.0	3.4	20.3	3.9	11.4	1.6	9.6	1.4	126.1	412	Upper Saprolite		
RRMRB136	15	16	1	38.1	27.5	9.4	37.2	9.0	2.6	11.0	1.9	11.5	2.5	7.0	1.0	6.7	1.0	75.2	242	Upper Saprolite		000
RRMRB136	16	18	2	40.7	60.1	10.2	39.1	8.9	2.4	10.8	1.6	11.0	2.1	6.4	0.8	6.3	0.9	65.9	267	Lower Saprolite	8	322
RRMRB136	18	20	2	30.0	35.6	7.8	32.2	7.8	2.2	9.6	1.0	9.6	1.9	6.0	0.9	5.5	0.9	62.0	214	Lower Saprolite	6	
RRIVIRD 130	20	22	2	10.1	32.1 660.5	0.2	21.1	5.7 5.6	1.7	0.7	1.1	1.3	1.5	4.5	0.0	4.2	0.7	40.0	100	Saprock		_
RRIVIRD 137	0	2	2	30.7	124 5	0.3	29.0	0.0	1.1	4.7	0.0	4.2	0.0	2.2	0.4	2.0	0.4	23.7	790	Transition	{	
DDMDB137	Z 1	4	2	53.1	134.3	10.5	23.4	4.3	0.0	5.7	0.0	3.3	0.7	2.0	0.3	2.4	0.4	20.6	237	Clay		
RRIVIRB137	4	0	2	34.1	61.3	7.2	26.8	5.1	0.8	3.1	0.0	4.1	0.9	2.7	0.4	2.0	0.4	29.0	171	Linner Sanrolite		
RRMRB137	8	9	1	37.2	62.5	8.6	30.4	5.2	0.0	4 1	0.5	3.0	0.0	2.1	0.3	2.0	0.3	22.0	183	Upper Saprolite		
RRMRB137	9	10	1	16.8	35.9	3.2	10.4	2.0	0.5	16	0.0	1.6	0.7	1.0	0.0	11	0.0	10.3	85	Upper Saprolite		
RRMRB137	10	12	2	24.2	56.5	5.6	19.7	3.4	0.8	2.8	0.5	2.7	0.5	1.4	0.2	1.6	0.3	15.2	135	Upper Saprolite		
RRMRB137	12	14	2	35.1	78.2	9.0	33.5	5.2	1.4	4.2	0.6	3.2	0.6	1.1	0.2	1.0	0.3	18.5	193	Upper Saprolite	ł	
RRMRB137	14	16	2	49.6	114.2	12.4	45.1	8.0	1.8	5.9	0.8	4.0	0.7	2.0	0.3	1.9	0.2	22.6	270	Upper Saprolite		
RRMRB137	16	18	2	49.0	107.1	12.3	44.6	7.9	1.5	5.3	0.7	3.6	0.6	1.8	0.2	1.5	0.2	21.0	257	Upper Saprolite		
RRMRB137	18	20	2	46.6	103.8	11.8	42.7	7.1	1.5	5.0	0.7	3.4	0.6	1.7	0.2	1.3	0.2	20.3	247	Upper Saprolite		
RRMRB137	20	22	2	34.0	65.5	8.2	30.6	4.9	1.1	3.9	0.5	2.8	0.4	1.3	0.2	1.2	0.2	16.3	171	Lower Saprolite	ĺ	
RRMRB137	22	24	2	31.2	71.4	7.7	28.0	5.1	1.2	3.7	0.5	2.6	0.5	1.3	0.2	1.5	0.2	15.4	170	Lower Saprolite	1	
RRMRB138	0	2	2	73.1	156.6	17.0	59.0	11.5	1.9	10.4	1.6	9.5	1.9	6.0	0.8	5.9	0.9	58.7	415	Soil		
RRMRB138	2	4	2	52.7	581.0	12.5	42.7	7.9	1.2	6.3	1.0	6.8	1.2	3.6	0.5	4.0	0.6	35.4	757	Hardcap]	
RRMRB138	4	6	2	72.9	269.0	15.4	54.0	9.8	1.5	8.0	1.2	7.8	1.5	4.3	0.6	4.6	0.7	49.5	501	Clay]	
RRMRB138	6	8	2	89.5	235.2	17.0	60.5	10.5	1.7	8.3	1.3	8.2	1.7	5.0	0.7	5.4	0.7	52.4	498	Clay		
RRMRB138	8	9	1	63.4	133.9	14.3	50.7	9.0	1.4	7.7	1.1	7.5	1.4	4.5	0.6	4.2	0.6	45.0	345	Clay	5	469
RRMRB138	9	10	1	56.5	173.8	11.8	40.8	7.4	1.2	6.3	1.0	6.1	1.2	3.5	0.5	3.6	0.5	37.8	352	Upper Saprolite		
RRMRB138	10	12	2	48.4	119.5	9.9	35.6	6.0	1.0	5.3	0.8	5.0	1.0	2.8	0.5	2.9	0.4	31.5	271	Upper Saprolite		
RRMRB138	12	14	2	45.9	137.6	11.0	38.6	6.6	1.0	5.4	0.8	4.5	0.9	2.7	0.4	2.4	0.4	27.6	286	Upper Saprolite		
RRMRB138	14	16	2	43.7	116.6	10.0	34.9	6.2	1.0	5.1	0.7	4.7	0.8	2.7	0.3	2.5	0.3	27.2	257	Upper Saprolite		
RRMRB138	16	18	2	53.9	112.4	12.4	42.8	7.2	1.1	5.6	0.8	5.2	0.9	2.9	0.4	2.6	0.4	29.0	278	Upper Saprolite	6	
RRMRB138	18	20	2	46.3	136.4	10.7	37.0	7.1	1.1	5.2	0.7	4.3	0.9	2.5	0.3	2.4	0.4	26.9	282	Upper Saprolite	6	
RRMRB138	20	22	2	55.2	110.9	13.1	46.5	8.4	1.2	5.6	0.9	5.3	0.9	2.7	0.4	2.5	0.4	32.5	287	Upper Saprolite		
RRMRB138	22	24	2	52.5	94.2	12.4	43.5	7.8	1.3	5.9	0.9	5.0	0.9	2.8	0.4	2.6	0.4	30.0	261	Upper Saprolite		-
RKMRB139	0	2	2	106.5	226.0	23.0	81.3	13.9	2.0	11.9	1.9	10.7	2.0	6.3	0.8	6.0	0.9	64.8	558	Soll	ł	
RKMRB139	2	4	2	63.1	289.9	13.9	50.0	8.8	1.1	6.4	1.0	6.2	1.3	3.6	0.5	4.1	0.6	38.2	489	Hardcap		
RKMRB139	4	6	2	88.9	237.1	18.2	61.7	10.5	1.3	/.8	1.2	/.8	1.5	4.5	0.6	4.6	0.7	47.1	494	Clay		
RKIVIKB139	6	8 40	2	104.8	1/9.3	22.5	/6.2	12.2	1./	10.2	1.6	9.0	1.8	5.2	0.7	5.1	0.7	57.8 AF F	489	Upper Secretite		
	0 10	10	2	120.7	77.6	20.0	90.0	10.1	2.0	10.3	1.0	1.9	1.4	4.0	0.0	3.9	0.0	40.0	404	Upper Saprolite		
RRMPR120	10	12	<u>∠</u> 1	53.Q	/1.0 /0.5	24.0 10.7	27.0	12.0	1.9	0.0	1.1	0.2	0.7	3.U 1 ຊ	0.4	2.9 1 0	0.4	20.2	300 102	Upper Saprolite		
REMPE120	12	10	1	116.0	49.0	26.7	016	15.0	1.1	4.4 Q Q	1.0	0.0 6.0	0.7	1.0	0.3	۳.۱ ۲.۵	0.3	20.3	303	Lower Saprolite	10	110
NRIVIRD 139	13	14		110.2	04.0	20.7	91.0	10.2	1.9	0.9	1.2	0.2	1.1	۲.3	0.4	2.0	0.4	32.3	392	Lower Saprolle	10	419

																					>200p TREO-	opm CeO₂ val
Hole ID	From m	To m	Int. m	La₂O₃ ppm	CeO₂ ppm	Pr₂O₃ ppm	Nd₂O₃ ppm	Sm₂O₃ ppm	Eu₂O₃ ppm	Gd₂O₃ ppm	Tb₂O₃ ppm	Dy ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Er₂O₃ ppm	Tm₂O₃ ppm	Yb₂O₃ ppm	Lu₂O₃ ppm	Y₂O₃ ppm	TREO ppm	Regolith Zone	Length (m)	TREO
RRMRB139	14	16	2	80.2	96.4	18.4	60.2	9.3	1.3	6.5	0.8	4.0	0.7	1.8	0.3	1.6	0.3	20.4	302	Saprock		
RRMRB139	16	18	2	55.9	86.2	12.6	42.2	7.1	1.3	5.4	0.7	3.8	0.7	1.7	0.3	1.6	0.3	20.7	240	Saprock		
RRMRB140	0	2	2	38.0	213.1	7.7	26.2	4.6	0.5	4.1	0.8	5.1	1.1	3.5	0.5	3.8	0.6	36.7	346	Hardcap		
RRMRB140	2	4	2	63.1	218.7	13.6	47.2	8.3	1.1	7.2	1.1	7.5	1.6	4.7	0.7	5.1	0.8	49.0	430	Clay		
RRMRB140	4	6	2	43.6	97.4	9.8	34.3	7.4	0.8	9.0	1.7	13.5	3.0	9.9	1.7	11.7	1.9	109.0	355	Clay		
RRMRB140	6	8	2	34.7	61.7	7.6	26.5	5.6	0.6	7.2	1.5	11.1	2.6	8.5	1.4	9.2	1.5	90.7	271	Upper Saprolite	6	352
RRMRB140	8	10	2	45.0	89.6	10.1	32.7	6.2	0.6	6.3	1.1	7.9	1.7	5.4	1.0	6.3	1.0	61.7	277	Upper Saprolite		
RRMRB140	10	12	2	59.5	116.2	13.6	44.4	8.5	0.7	5.6	0.8	4.6	0.9	2.5	0.4	2.5	0.4	29.2	290	Upper Saprolite		
RRMRB140	12	14	2	58.2	104.2	13.6	44.3	7.5	0.8	6.2	0.9	4.6	0.9	2.6	0.3	2.5	0.4	29.8	277	Upper Saprolite		
RRMRB140	14	16	2	50.1	89.2	11.9	37.9	7.1	0.7	5.2	0.7	4.2	0.8	2.5	0.4	2.1	0.3	26.3	239	Upper Saprolite		
RRMRB140	16	18	2	59.2	124.1	14.1	45.6	8.7	0.8	6.2	0.8	4.5	0.8	2.3	0.4	2.2	0.4	26.5	297	Upper Saprolite		
RRMRB141	0	2	2	41.8	470.5	9.6	35.0	6.5	1.0	5.5	1.0	5.1	1.0	3.2	0.5	3.4	0.6	33.0	618	Hardcap		
RRMRB141	2	4	2	66.1	315.7	14.5	50.3	8.8	1.4	7.4	1.2	7.1	1.4	4.3	0.7	4.7	0.7	44.4	529	Clay		
RRMRB141	4	5	1	97.6	219.3	23.7	80.4	13.2	2.2	11.9	1.9	11.2	2.2	6.4	1.0	6.2	1.0	71.4	550	Clay		
RRMRB141	5	7	2	82.9	137.6	19.6	68.2	11.5	1.9	9.5	1.5	9.2	2.0	5.5	0.9	5.3	0.8	59.6	416	Upper Saprolite		
RRMRB141	7	9	2	110.5	93.0	24.5	88.8	14.8	2.4	10.6	1.5	9.1	1.8	5.5	0.8	5.4	0.8	60.4	430	Upper Saprolite		
RRMRB141	9	11	2	110.5	87.6	24.0	83.6	14.1	2.3	11.4	1.5	8.5	1./	4.6	0.7	4.6	0.6	56.3	412	Upper Saprolite		
RRMRB141	11	13	2	11.3	74.9	16.1	56.6	10.5	2.1	9.8	1.4	8.4	1.6	4.5	0.7	4.1	0.7	56.0	325	Upper Saprolite	11	434
RRIVIRB141	13	15	2	41.5	64.9 52.0	9.5	31.1	0.2	1.2	5.0	1.0	5.9	1.1	3.4	0.5	3.1	0.5	39.6	215	Upper Saprolite		
RRIVIRB141	15	17	2	34.9	52.U	8.0	21.2	4.7	0.9	4.5	0.8	4.9	1.0	3.0	0.5	2.9	0.5	34.4	180	Lower Saprolite		
	10	19	2	47.1	01.Z	10.1	34.0	5.0	1.3	5.5	0.0	5.0	1.1	2.9	0.5	2.0	0.4	20.8	230	Lower Saprolite		
DDMDB142	0	20	2	73.8	10/ 1	17.0	64.0	12.7	1.1	10.6	1.7	10.6	2.0	2.0	1.0	6.4	1.0	64.1	469	Soil		
RRMRB142	2	2	2	52.1	350.0	17.9	/3.7	8/	1.0	7.3	1.7	7.8	2.0	1.0	0.7	5.6	1.0	04.1 11 1	552	Hardcan		
RRMRB142	4	6	2	63.7	337.8	14.9	51.1	10.1	1.2	87	1.2	87	1.0	5.3	0.7	5.0	0.0	53.7	566	Transition		
RRMRB142	6	7	1	84.3	270.2	19.9	65.8	12.9	1.8	11.0	1.1	10.9	2.2	6.5	1.1	7.2	1.0	69.7	566	Clay		
RRMRB142	7	8	1	80.2	144.3	18.4	63.2	12.2	1.6	9.6	1.5	.0.0	1.8	5.3	0.9	5.8	1.0	59.4	415	Upper Saprolite		
RRMRB142	8	10	2	59.9	60.4	13.8	49.0	8.4	1.2	6.7	1.0	6.6	1.2	4.0	0.6	4.1	0.6	45.8	263	Upper Saprolite		
RRMRB142	10	12	2	82.0	60.2	18.8	66.4	11.7	1.7	10.3	1.4	8.7	1.7	5.0	0.8	5.2	0.8	61.5	336	Upper Saprolite		
RRMRB142	12	14	2	207.6	138.2	48.1	159.2	28.9	4.6	26.3	4.0	24.3	4.9	14.5	2.2	13.2	2.4	185.4	864	Upper Saprolite		
RRMRB142	14	16	2	430.4	141.9	106.8	352.3	64.4	9.5	47.6	6.7	37.5	6.3	17.2	2.4	15.1	2.4	203.8	1444	Lower Saprolite		
RRMRB142	16	18	2	148.4	104.3	32.3	108.0	21.6	2.9	18.5	2.8	16.2	3.0	8.4	1.3	8.0	1.2	101.8	579	Lower Saprolite		
RRMRB142	18	20	2	127.2	122.0	28.4	100.3	16.4	2.4	15.6	2.4	13.4	2.4	6.8	1.0	6.6	1.1	84.1	530	Lower Saprolite		
RRMRB142	20	22	2	145.4	116.6	32.7	110.7	21.8	3.0	17.8	2.7	15.4	3.0	8.8	1.3	8.3	1.3	98.3	587	Lower Saprolite		
RRMRB142	22	24	2	90.9	107.1	20.4	68.8	13.5	1.6	12.0	1.8	10.5	2.0	5.7	0.9	6.0	0.9	68.6	411	Lower Saprolite	18	612
RRMRB143	0	2	2	57.8	193.5	12.4	44.3	8.5	1.1	7.2	1.1	6.7	1.4	4.2	0.6	4.1	0.6	40.8	384	Hardcap		
RRMRB143	2	4	2	35.2	384.5	7.2	25.8	5.1	0.8	3.8	0.7	4.2	0.8	2.5	0.4	2.8	0.4	25.8	500	Hardcap		
RRMRB143	4	5	1	63.6	204.5	13.9	45.4	7.8	1.1	6.5	1.1	7.0	1.4	4.1	0.7	4.7	0.7	45.8	408	Transition		
RRMRB143	5	7	2	78.8	171.4	17.0	56.7	10.6	1.6	8.8	1.4	8.3	1.7	5.3	0.8	5.5	0.8	56.9	426	Clay	2	426
RRMRB143	7	9	2	38.6	79.7	8.4	28.3	5.9	0.6	4.4	0.7	4.4	0.9	3.0	0.5	3.2	0.5	30.7	210	Clay		
RRMRB143	9	11	2	44.0	87.8	10.0	31.8	6.3	0.7	5.0	0.8	5.1	1.1	3.2	0.5	3.3	0.6	34.3	235	Upper Saprolite		
RRMRB143	11	13	2	44.7	97.2	10.5	35.5	6.8	0.7	5.7	1.0	5.7	1.2	3.4	0.5	3.8	0.6	37.2	254	Upper Saprolite		
RRMRB143	13	15	2	49.3	101.8	11.8	38.0	6.9	0.6	5.6	1.0	5.9	1.2	3.9	0.6	4.3	0.7	38.2	270	Upper Saprolite		
RRMRB143	15	17	2	52.8	111.3	12.5	40.4	8.2	0.7	6.4	1.0	6.6	1.4	4.3	0.7	4.4	0.7	43.2	294	Upper Saprolite		
RRMRB143	17	19	2	55.2	116.5	13.1	43.7	8.8	0.7	6.1	1.0	6.8	1.3	4.1	0.7	4.8	0.8	45.5	309	Upper Saprolite		
RRMRB143	19	21	2	53.0	114.2	12.5	41.5	9.0	0.7	6.7	1.0	6.6	1.3	4.1	0.6	4.4	0.7	42.4	299	Upper Saprolite		
RRMRB143	21	23	2	57.0	117.8	13.7	44.6	9.2	0.8	7.0	1.2	6.9	1.5	4.6	0.8	4.6	0.8	47.9	318	Upper Saprolite	2	318
RRMRB143	23	24	1	55.1	114.5	13.2	43.3	8.2	0.7	6.4	1.1	5.9	1.3	3.7	0.6	3.9	0.6	39.9	298	Upper Saprolite		

JORC Code, 2012 Edition – Table 1 report

Section 1 Sampling Techniques and Data

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

Criteria	JORC Code explanation	Commentary
Sampling techniques	 Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling. Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information. 	Rotary Air Blast (RAB) Drilling RAB drill cuttings collected by a specifically designed sample collection tray at the collar of the hole for each measured 1 metre of drill advance. All (100%) of collected sample transferred from tray to individually numbered plastic bag.
Drilling techniques	 Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc). 	Hole diameter was 10.16cm (4 inch)
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. 	Individual 1 metre samples weighed after collection in its plastic sample bag. There is no evidence of grade bias due to 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. 	RAB chips geologically logged based on 1 metre drill interval. Logging is qualitative with description of colour, weathering status, alteration, major and minor rock types, texture, grain size, regolith zone and comments added where further observation is made. Additional non-geological qualitative logging includes comments for sample recovery, humidity, and hardness for each logged interval.
Sub- sampling techniques and sample preparation	 If core, whether cut or sawn and whether quarter, half or all core taken. If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry. For all sample types, the nature, quality and appropriateness of the sample preparation technique. 	Sample collected by a tray at the collar of the hole for each 1 metre of drill advance. All (100%) of collected sample transferred from tray to individually numbered plastic bag. Samples are then transferred to a plastic basin an mixed by hand prior to extraction of a 1.5kg sample for geochemical analysis.

reconnaissance style exploration being d to a chip tray for geological logging and
pratory Perth Australia. The preparation
le weight
v/o Barcode
ire drying
mple
70% <2mm
Boyd Rotary Splitter
to 85% passing 75
est
test

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

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

Analysis for scandium (Sc) was by Lithium Borate Fusion ICP-AES (ALS code Sc-ICP06). The sample preparation and assay techniques used are industry standard and provide a total analysis.

All laboratories used are ISO 17025 accredited.

QAQC

• Analytical Standards

CRMs AMIS0276 and MUIACREI01 were included in sample batches at a ratio of 1:25 to drill samples submitted. This is an acceptable ratio.

The assay results for the standards were consistent with the certified levels of accuracy and precision and no bias is evident.

• Blanks

CRM blanks AMIS0681 and OREAS22e were included in sample batches at a ratio of 1:25 to drill samples submitted for analysis. This is an acceptable ratio.

Both CRM blanks contain some REE, with elements critical elements Ce, Nd, Dy and Y present in small quantities. The analysis results were consistent with the certified values for the blanks. No laboratory contamination or bias is evident from these results.

		-				
Criteria	JORC Code explanation	Commentary				
		 Duplicates 				
		Field duplicate sa	mpling was conduct	ted at a ratio of 1:25 sam	ples. Duplicates w	ere created by
		Selecting a separ	ate 1.5kg sample fro	om the composited samp	le intervals. Duplic	ate samples were
		allocated separate	e sample numbers a	and submitted with the sa	me analytical batc	n as the primary
		sample. variability	/ between duplicate	results is considered ac	ceptable and no sa	ampling blas is
		Laboratory insort	od standards blan	ke and duplicator word	analysed as nor	inductry ctandard
		nractice There is	no evidence of hiss	from these results	analysed as per	
Verification	The verification of significant intersections by either independent or	No independent v	rerification of signific	cant intersection undertal	(en	
of sampling	alternative company personnel	No twinning of dia	amond core drill hole	es was undertaken.		
and	The use of twinned holes.	Sampling protoco	ls for diamond core	sampling and QAQC we	re documented ar	nd held on site by
assaying	 Documentation of primary data, data entry procedures, data 	the responsible g	eologist. No proced	ures for data storage and	management hav	e been compiled
	verification, data storage (physical and electronic) protocols.	as yet.				
	 Discuss any adjustment to assay data. 	Data were collect	ed in the field by ha	nd and entered into Exce	l spreadsheet. Dat	ta are then
		compiled with ass	ay results compiled	and stored in Access da	tabase. Data verifi	cation is
		conducted on dat	a entry including ho	ele depths, sample interva	als and sample nur	nbers. Sample
		numbers from ass	say data are verified	by algorithm in spreads	neet prior to entry	int the database.
		Assay data was re	eceived in digital for	mat from the laboratory a	and merged with tr	he sampling data
		and validated dat	ausneet ionnat ion		w against heid dat	a. Once infalised
		Data validation of	assav data and sam	nling data have been co	nducted to ensure	data entry is
		correct.	accuy data and can	iping data nave been ee		
		All assay data is r	eceived from the lat	poratory in element form	is unadjusted for c	data entry.
		Conversion of ele	mental analysis (RE	E) to stoichiometric oxide	e (REO) was under	taken by
		spreadsheet using	g defined conversio	n factors.(Source: <u>https://</u>	www.jcu.edu.au/ad	lvanced-analytical-
		centre/services-a	nd-resources/resou	rces-and-extras/element-	to-stoichiometric-o	<u> xide-conversion-</u>
		<u>factors</u>)	_			7
			Element ppm	Conversion Factor	Oxide Form	4
			Ce	1.2284		-
			Dy En	1.14/7		-
				1.1433		-
			Eu	1.1579		-
			Gu	1.1520		-
			110	1.1433		1
				1 1371		1
			Nd	1 1664	Nd ₂ O ₂	-
			Pr	1,2082	Pr _e O ₁₁	1
			Sm	1.1596	Sm ₂ O ₃	1
			Tb	1.1762	Tb ₄ O ₇	1
			Tm	1.1421	Tm ₂ O ₃	1

Y

Yb

Sc

1.2699

1.1387

1.5338

 Y_2O_3

Yb₂O₃

 Sc_2O_3

Criteria	JORC Code explanation	Commentary
Criteria 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	CommentaryRare earth oxide is the industry accepted form for reporting rare earths. The following calculationsare used for compiling REO into their reporting and evaluation groups:Note that Y_2O_3 is included in the TREO, HREO and CREO calculation.TREO (Total Rare Earth Oxide) = $La_2O_3 + CeO_2 + Pr_6O_{11} + Nd_2O_3 + Sm_2O_3 + Eu_2O_3 + Gd_2O_3 + Tb_4O_7 + Dy_2O_3 + Ho_2O_3 + Er_2O_3 + Tm_2O_3 + Yb_2O_3 + Yb_2O_3 + Yb_2O_3 + Lu_2O_3.HREO (Heavy Rare Earth Oxide) = Sm_2O_3 + Eu_2O_3 + Gd_2O_3 + Tb_4O_7 + Dy_2O_3 + Ho_2O_3 + Er_2O_3 + Tm_2O_3 + Yb_2O_3 + Yb_2O_3 + Tb_4O_7 + Dy_2O_3 + Ho_2O_3 + Er_2O_3 + Tm_2O_3 + Yb_2O_3 + Yb$
uala points	 Mineral Resource estimation. Specification of the grid system used. Quality and adequacy of topographic control. 	may be low accuracy using this type of device. Datum WGS84 Zone 36 North was used for location data collection and storage. This is the appropriate datum for the project area. No grid transformations were applied to the data.
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. 	RAB reconnaissance drill holes have been drilled on a broad spacing, generally >1km, based on testing radiometric anomalies over a large area
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. 	Orientation of potential mineralisation unknown in this area but assumed to be horizontal as seen in the Makuutu deposit
Sample security	The measures taken to ensure sample security.	After collection, the samples were transported by Company representatives to Entebbe airport and dispatched via airfreight to Perth Australia. Samples were received by Australian customs authorities in Perth within 48 hours of dispatch and were still contained in the sealed shipment bags. Samples were subsequently transported from Australian customs to ALS Perth via road freight and inspected on arrival by a Company representative
Audits or reviews	• The results of any audits or reviews of sampling techniques and data.	No audits or reviews have been undertaken

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 Makuutu Project is located in the Republic of Uganda. The mineral tenements comprise two (2) granted Retention Licences (RL1693 and RL00007), three (3) Exploration Licences (EL1766, EL00147 and EL00148) and one (1) Exploration Licence application TN03573. All granted licences are in good standing with no known impediments. TN03573 is pending grant with all application requirements met. The Makuutu Rare Earths Project is 100% owned by Rwenzori Rare Metals Limited ("RRM"), a Ugandan registered company. IonicRE currently has earned a 51% shareholding in RRM and may increase its shareholding to 60% by meeting further commitments as follows: IonicRE to fund to completion of a Bankable Feasibility Study (BFS) to earn an additional 9% interest for a cumulative 60% interest in RRM. Milestone payments, payable in cash or IonicRE shares at the election of the Vendor, as follows: US\$375,000 on production of 10 kg of mixed rare-earth product from pilot or demonstration plant activities; and US\$375,000 on conversion of existing licences to mining licences. At any time should IonicRE not continue to invest in the project and project development ceases for at least two months RRM has the right to return the capital sunk by IonicRE and reclaim all interest earnt by IonicRE.
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	 Previous exploration includes: 1980: Country wide airborne geophysical survey identifying uranium anomalies in the Project area. 1990s: French BRGM and Ugandan DGSM undertook geochemical and geological survey over South-Eastern Uganda including the Project area. Anomalous Au, Zn, Cu, Sn, Nb and V identified. 2006-2009: Country wide high resolution airborne magnetic and radiometric survey identified U anomalism in the Project area. 2009: Finland GTK reprocessed radiometric data and refined the Project anomalies. 2010: Kweri Ltd undertook field verification of radiometric anomalies including scout sampling of existing community pits. Samples showed an enrichment of REE and Sc. 2011: Kweri Ltd conducted ground radiometric survey and evaluated historic groundwater borehole logs. 2012: Kweri Ltd and partner Berkley Reef Ltd conducted prospect wide pit excavation and sampling of 48 pits and a ground gravity traverse. Pit samples showed enrichment of REE weathered profile. Five (5) samples sent to Toronto Aqueous Research Laboratory for REE leach testwork. 2016 – 2017: Rwenzori Rare Metals conduct excavation of 11 pits, ground gravity survey, RAB drilling (109 drill holes) and one (1) diamond drill hole. The historic exploration has been conducted to a professional standard and is appropriate for the exploration stage of the prospect. 2019-2022: lonic Rare Earths under agreement with RRM completed 711 core drill holes and processing testwork leading to compilation of a DFS and statement of an ore reserve.
Geology	Deposit type, geological setting and style of mineralisation.	The Makuutu deposit is interpreted to be an ionic adsorption REE clay-type deposits similar to those in South China, Chile, Madagascar and Brazil.

Criteria	JORC Code explanation	Commentary
		The mineralisation is contained within the tropical lateritic weathering profile of a basin filled with sedimentary rocks including shales, mudstones and sandstones potentially derived from the surrounding granitic and mafic rocks. These rocks are considered the original source of the REE which were then accumulated in the sediments (via ionic bonds with the clays) of the basin as the surrounding rocks have degraded. These sediments then form the protolith that was subjected to prolonged tropical weathering. The weathering developed a lateritic regolith with a surface indurated hardcap, followed downward by clay rich zones that grade down through saprolite and saprock to unweathered sediments. The thickness of the regolith is between 10 and 20 metres from surface. The REE mineralisation is concentrated in the weathered profile where it has dissolved from its primary mineral form, such as monazite and xenotime, then ionically bonded (adsorbed) or colloidally bonded on to fine particles of aluminosilicate clays (e.g. kaolinite, illite, smectite). The adsorbed and colloidal REE is the target for extraction and production of REO at Makuutu.
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. 	The material information for drill holes relating to this announcement are contained in Appendix 1.
Data aggregation methods	 In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg 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. 	A lower cut-off of 200 ppm TREO-Ce ₂ O ₃ was used for data aggregation of significant intervals with a maximum of 2 metres of internal dilution and no top-cuts applied. This lower cut-off is consistent with the marginal cut-off grade estimated and applied in the resource statements on the Makuutu Project Significant intervals were tabulated downhole for reporting. All individual samples were included in length weighted averaging over the entire tabulated range. No metal equivalents values are used.
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 lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known'). 	Down hole lengths, true widths are 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. 	Refer to diagrams in body of text.

Criteria	JORC Code explanation	Commentary
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. 	This report contains all drilling results that are consistent with the JORC guidelines. Where data may have been excluded, it is considered not material.
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. 	 Metallurgical leach testing was previously conducted on samples derived from exploration pits, RAB drilling, and one 8.5 tonne bulk pit sample. In 2012, 5 pit samples were sent to the Toronto Aqueous Research Laboratory at the University of Toronto for leachability tests In 2017, 2 pit samples were sent to SGS Laboratory Toronto for leachability tests. 2017/18, 29 samples were collected from 7 RAB drill holes. 20 of these were consigned to SGS Canada and 4 to Aqueous Process Research (APR) in Ontario Canada. The remaining 5 samples were consigned to Bio Lantanidos in Chile. 2018/19, 8.5 tonne bulk sample was consigned to Mintek, South Africa, to evaluate using Resin-inleach (RIL) technology for the recovery of REE. 2019: 118 samples from 31 holes from the 2019 diamond drilling program had preliminary variation testwork conducted TREE-Ce extraction ranged from 3% to 75%. 2020: Testing of composite samples with lower extractions from the 2019 variation testing using increasing rates of acid addition and leach time. Significant increases in extractions were achieved. 2020: Testing of composited samples from two exploration holes east of the Makuutu Central Zone provided an average extraction of TREE-Ce recovery of 41% @ pH1 Testing of samples from the project is ongoing.
Further work	 The nature and scale of planned further work (eg 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. 	Future work programs are intended to evaluate the economic opportunity of the project including extraction recovery maximisation, continued resource definition and estimation, regional exploration on adjoining licences and compilation of a Scoping Study.