14 July 2021

PHASE 3 DRILLING RESULTS CONFIRM MAJOR EXTENSION POTENTIAL AT MAKUUTU

- **RAB exploration drilling program identifies extensive thick rare earth mineralisation at Makuutu East (EL00147)**
- **New exploration target areas identified, extending known mineralisation zones and providing major upside potential at Makuutu**
- **Additional REE bearing clay mineralisation extensions immediately adjacent to MRE identified and included for Phase 4 resource drilling**

Ionic Rare Earths Limited ("IonicRE" or "the Company") (ASX: IXR) is pleased to advise the receipt of assays from the Phase 3 Rotary Air Blast (RAB) exploration drill program at its 51% owned Makuutu Rare Earths Project ("Makuutu") in Uganda. The assay results reported are from 56 of the 67 RAB drill holes from the program that was completed during April 2021.

Clay and saprolite mineralisation intersections above the cut-off grade of 200 ppm Total Rare Earth Oxide less cerium oxide (TREO-CeO_2), consistent the current Mineral Resource Estimate (MRE) cut-off, have been achieved in many target areas notable intervals including:

- RRMRB036 12.0 metres at 937 ppm TREO from 4.0 metres
- RRMRB048 5.0 metres at 868 ppm TREO from 5.0 metres
- RRMDD031 10.0 metres at 856 ppm TREO from 5.0 metres
- RRMRB026 6.0 metres at 834 ppm TREO from 6.0 metres
- RRMRB019 10.0 metres at 832 ppm TREO from 8.0 metres
- RRMRB041 7.0 metres at 723 ppm TREO from 5.0 metres
- RRMRB028 18.0 metres at 661 ppm TREO from 5.0 metres

In a major positive development for the Project, rare earth element (REE) bearing clay mineralisation has been intersected in between previously targeted areas identified by the eU/eTh radiometric responses that indicate a laterite hardcap is present at surface. The drilling has shown that the hardcap is buried by over 1 metre of soil in some areas and the targeting eU/eTh radiometric response obscured. These results indicate new areas for follow up exploration that were previously not tested due to the lack of, or subdued, radiometric eU/eTh response.

Mineralisation in the regolith potentially derived from, and underlain by, rocks outside the mineralised basin have also been intersected in the RAB drilling. The Company will progress a selection of these

samples through salt desorption testwork to confirm the proportion of ionic adsorbed rare earth content prior to confirming a plan for further drilling these targets.

Ionic Rare Earths Managing Director Mr. Tim Harrison commented:

"The Phase 3 RAB assay results confirm this significantly successful exploration campaign. They confirm the massive potential of EL00147, having identified immediate extensions to the resource estimate beyond previous radiometric targeting, and additionally, indicate potential extension of IAC mineralisation outside of the basin which was thought to confine the IAC mineralisation."

"We will now progress initial salt desorption test work to confirm metallurgical characteristics of these new mineralisation areas identified, given that some of the mineralisation appears to be derived directly from granitic rocks, therefore it is possibly more consistent with those IAC deposits of southern China."

"The Phase 3 drill assays clearly confirm the significance of Makuutu as a world class and expanding IAC deposit. The Project scale expected will substantially increase in the future, with these new assays inferring considerable upside at Makuutu, beyond initial estimations. Simply put, there appears to be much more REE bearing clay at Makuutu than we had initially expected."

Drilling Program and Targets

The Phase 3 RAB drill program, which consisted of 67 drill holes for 1,206 metres, compromised reconnaissance exploration drilling only. The aim of the program was to test for rare earth element (REE) endowment and the origin of;

- Identified exploration targets within the interpreted mineralised sedimentary basin;
- Radiometric responses outside the interpreted basin;
- Previously untested or subdued radiometric targets; and
- Areas identified as potential infrastructure sites.

The distribution of RAB holes is shown in Figure 1, illustrating intersections of clay and saprolite greater than 200ppm TREO-CeO_2 from the program. The point size represents interval thickness and is coloured by TREO ppm grade. Holes RRMRB001 to RRMRB056 are reported in this announcement. 11 remaining holes are pending assay results across the Makuutu western area.

The results of reported areas are summarised separately in the following sections.

Makuutu East RAB Drilling Results

The Makuutu eastern area (EL00147) is interpreted from airborne magnetic and radiometric surveys to be the continuation of the sedimentary basin that hosts the Makuutu resource. Exploration targets K to O were identified for broad spaced, approximately 1-kilometre, RAB holes to test the REE endowment, mineralisation host and underlying rock types.

A total of 25 holes were drilled in this area. 23 of 25 holes intersected clay or saprolite hosted REE mineralisation.

The location, interval thickness, interval TREO grade and the area designations are shown on Figure 2. The intercept details for these holes are listed in Table 1 to Table 4 with a summary of each area provided.

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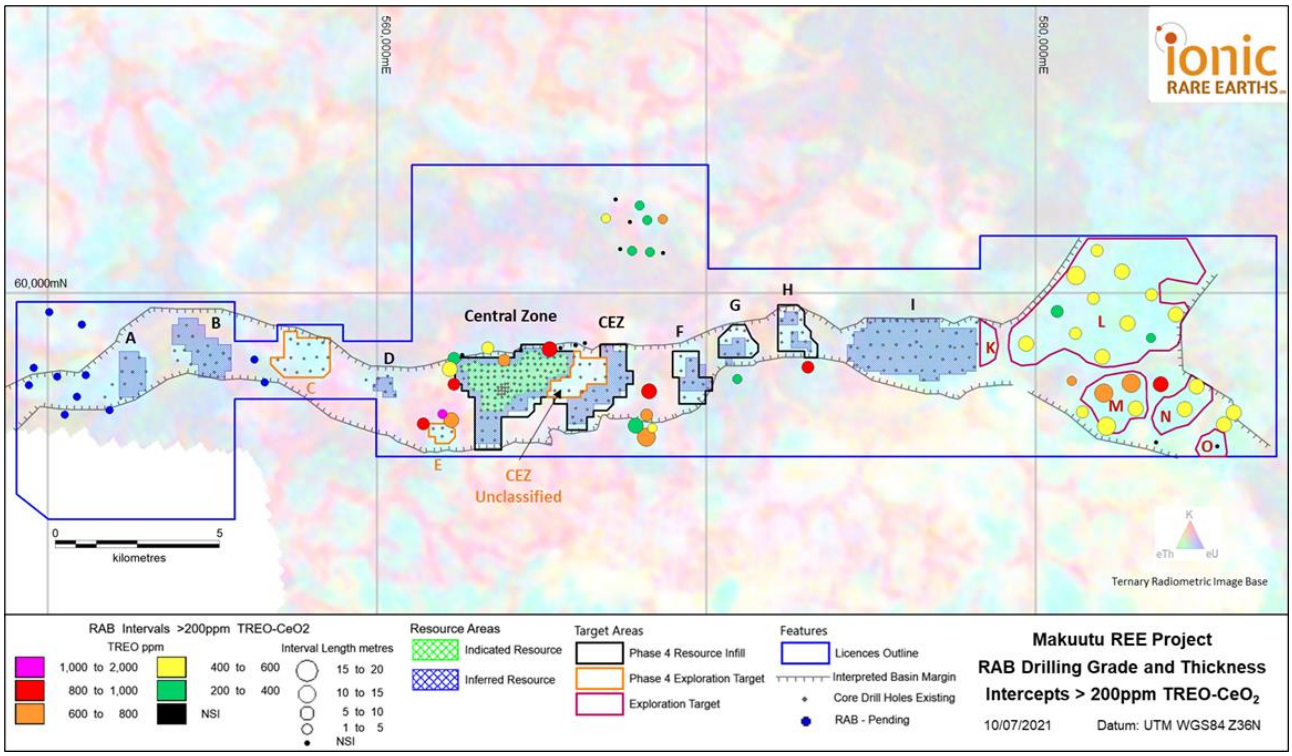

Figure 1: Drill program status plan showing completed and planned drill holes (up to Phase 3) covering the Makuutu Rare Earths Project with the MRE and target areas.

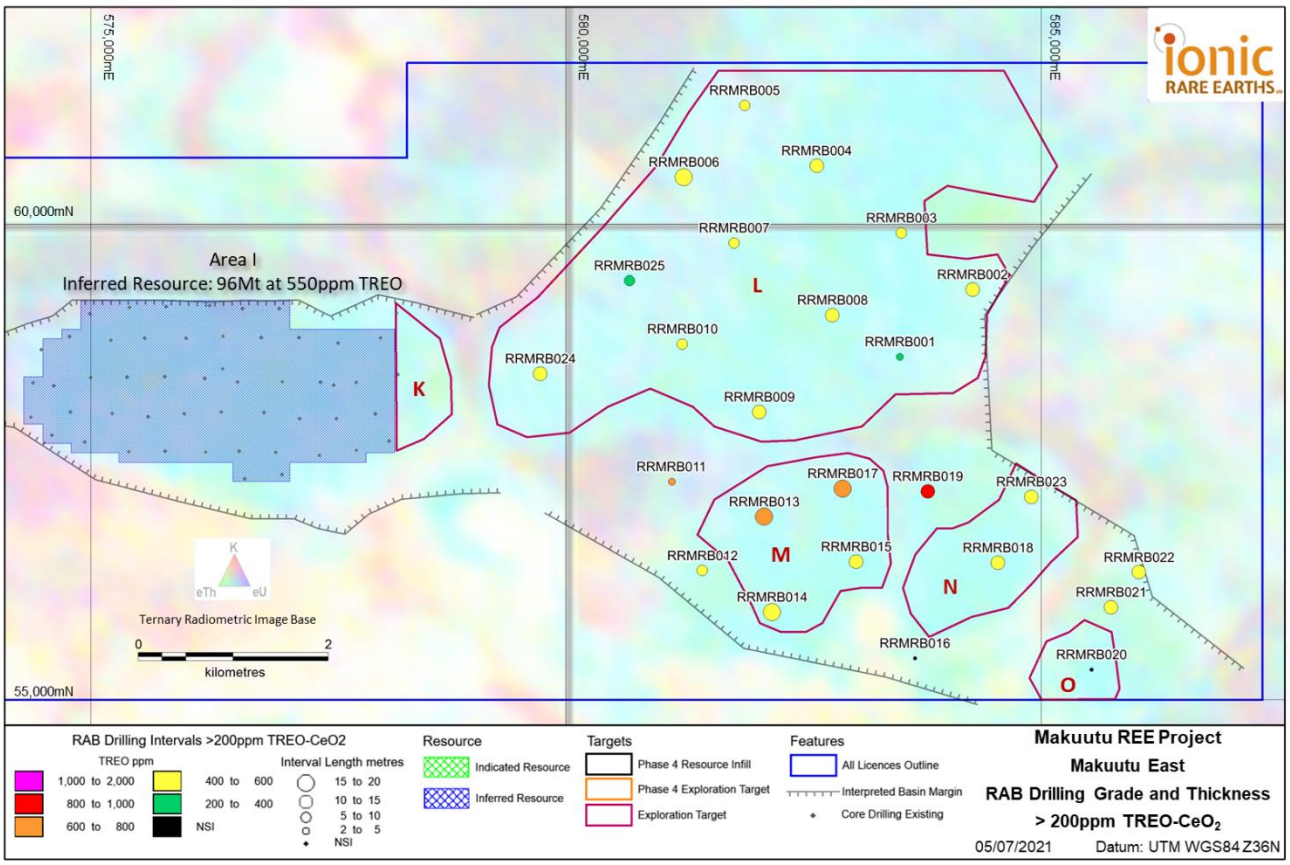

Figure 2: Makuutu East (EL00147) RAB exploration drilling results. Hole locations shown by intercept >200ppm TREO-CeO_2 point size interval length, point colour interval TREO ppm grade.

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Area L

Area L is interpreted to be the northeastern continuation of the mineralised sedimentary basin that hosts the Makuutu resource. RAB holes RRMRB001 to RRMRB010, RRMRB024 and RRMRB025 tested the area on an approximate 1-kilometre hole spacing.

The drilling showed the area is consistently mineralised above the MRE cut-off grade with intercepts ranging from 4 metres to 17 metres in thickness and 331 to 589 ppm TREO in grade. Holes RRMRB001, 002 and 003 and 009 all intersected metasediments and a fault zone indicating they are potentially outside, or on the margin of the Makuutu sedimentary basin.

Table 1: Makuutu East (EL00147) Area L RAB Intersections >200ppm TREO-CeO_2.

Hole ID	Depth From (metres)	Length (metres)	TREO (ppm)	TREO-CeO_2 (ppm)	HREO (ppm)	NdPr[1] (ppm)
RRMRB001	12.0	4.0	331	205	75	68
RRMRB002	5.0	12.0	440	260	72	89
RRMRB003	8.0	6.0	439	233	104	69
RRMRB004	6.0	10.0	437	270	119	82
RRMRB005	4.0	8.0	444	275	115	86
RRMRB006	4.0	17.0	435	281	118	88
RRMRB007	4.0	8.0	469	306	130	96
RRMRB008	5.0	10.0	517	341	157	103
RRMRB009	6.0	10.0	448	290	97	99
RRMRB010	5.0	5.0	589	453	244	192
RRMRB024	4.0	10.0	524	321	129	103
RRMRB025	4.0	7.0	393	269	112	81

Area M

Holes RRMRB013 to 015 and 017 tested the Area M exploration target. The holes intersected rock types including metasediments and granite with intercepts of granite derived colluvium and clays. All holes intersected rare earth mineralisation with intersections ranging between 6 and 19 metres. Intersection grades are from 588 to 654ppm TREO.

RRMRB011, 012 and 019, drilled were outside the Area M exploration target and intersected rare earth mineralisation in clays and metasediments.

[1] Applicable to all tables: NdPr is in oxide form calculated from Nd_2O_3 + Pr_6O_{11}

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Table 2: Makuutu East Area M RAB Intersections >200ppm TREO-CeO_2.

Hole ID	Depth From (metres)	Length (metres)	TREO (ppm)	TREO-CeO_2 (ppm)	HREO (ppm)	NdPr (ppm)
RRMRB011	3.0	4.0	656	268	103	84
RRMRB012	9.0	8.0	416	278	37	49
RRMRB013	8.0	16.0	636	425	104	121
RRMRB014	7.0	19.0	588	387	147	137
RRMRB015	12.0	12.0	548	212	85	54
RRMRB017	6.0	18.0	654	437	155	143
RRMRB019	8.0	10.0	832	671	240	213

Area N

Holes RRMRB018 and RRMRB023 tested Area N with both intersecting 11 and 10 metre intervals with 471ppm and 519ppm TREO respectively. The end of hole rock types indicates the protolith for these intervals are a granodiorite and granite. RRMRB016 southwest of Area N did not intersect any clay or saprolite regolith, passing from hardcap directly into fresh granite.

Table 3: Makuutu East Area N RAB Intersections >200ppm TREO-CeO_2.

Hole ID	Depth From (metres)	Length (metres)	TREO (ppm)	TREO-CeO_2 (ppm)	HREO (ppm)	NdPr (ppm)
RRMRB016	NSI	-	-	-	-	-
RRMRB018	12.0	11.0	471	300	121	101
RRMRB023	5.0	10.0	519	355	133	111

Area O

Hole RRMRB020 tested Area O and did not intersect clay or saprolite regolith. Holes RRMRB021 and 022, which were 600 metres and 1.1 kilometres apart respectively, northeast of RRMRAB20, intersected thick clay and saprolite mineralisation recording 13 metre and 12 metre intersections at 498ppm and 520ppm TREO. Hole RRMRB021 finished in a mafic (possibly ultramafic) rock with RRMRB022 finishing in a granodiorite similar to RRMRB023 in Area N.

Table 4: Makuutu East Area O RAB Intersections >200ppm TREO-CeO_2.

Hole ID	Depth From (metres)	Length (metres)	TREO (ppm)	TREO-CeO_2 (ppm)	HREO (ppm)	NdPr (ppm)
RRMRB020	NSI	-	-	-	-	-
RRMRB021	8.0	13.0	498	333	144	107
RRMRB022	4.0	12.0	520	261	71	86

The protolith rock types in many of the holes at Makuutu East show variety from those seen at the Makuutu resource area. Further extraction testwork and mineralogy studies are required to determine the potential for the mineralisation, identified in the RAB drilling, to be extractable ionic or colloidal rare earths.

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Makuutu Central RAB Drilling Results

RAB drilling in the Makuutu Central zone (RL 1693, EL 1766 and EL00148) targeted areas on the margins of known mineralisation and tested zones previously excluded from testing due to a lack of, or subdued, radiometric eU/eTh response.

Ten sterilisation holes were also drilled north of the resource area to provide sterilisation data and geological information for potential processing and infrastructure development sites.

The results for the Central Zone drilling are illustrated on Figure 3 and intersections tabulated with the summary of results.

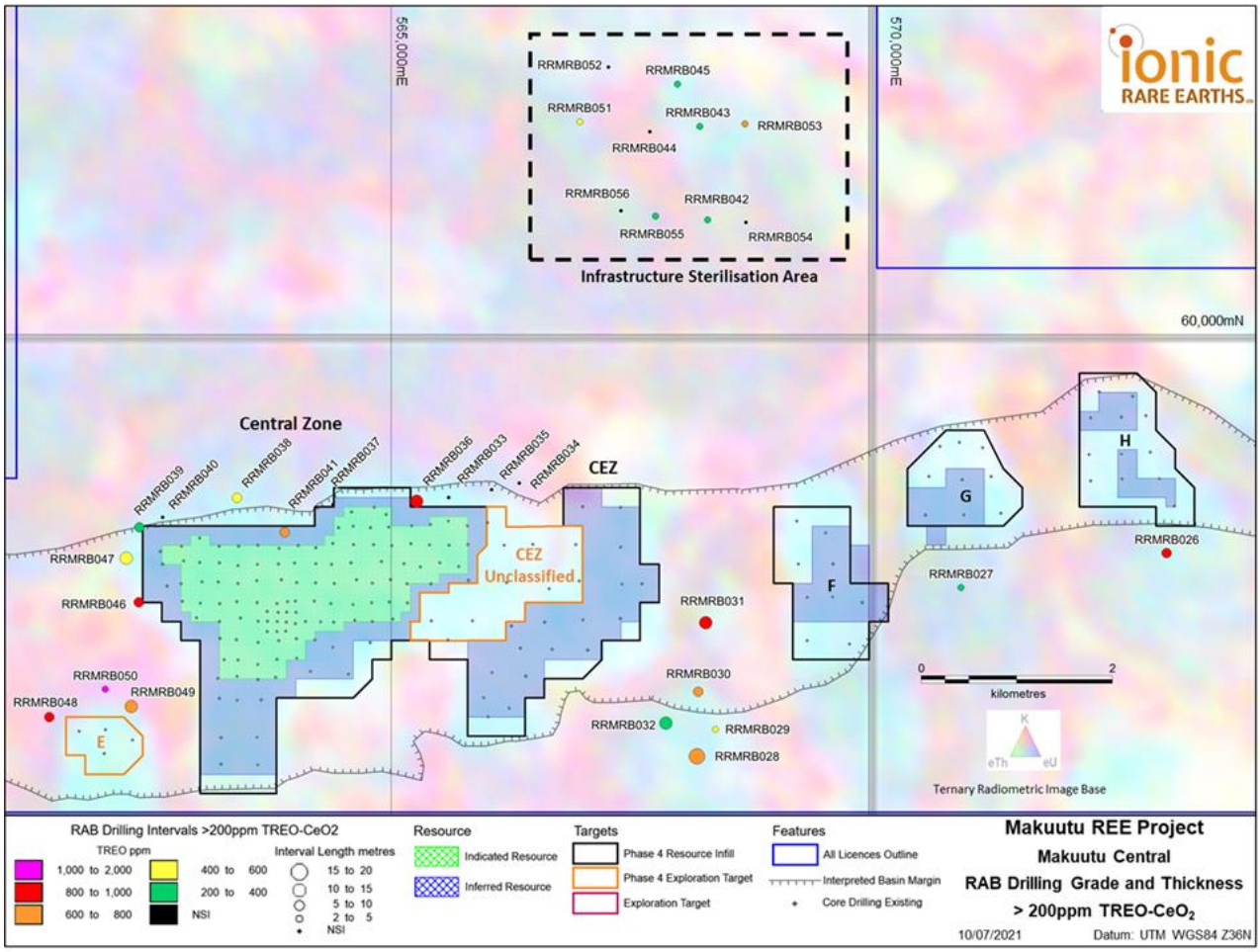

Figure 3: Makuutu Central RAB exploration drilling results across RL 1693, EL 1766 and EL00148. Hole locations shown by intercept >200ppm TREO-CeO_2 point size interval length, point colour interval TREO ppm grade.

Areas G and H Southern Extensions

Holes RRMRB026 and RRMRB027 were drilled to test the southern extensions of the resource areas G and H outside the interpreted mineralised sedimentary basin. Drilling targeted the eU/eTh radiometric responses that indicate laterite hardcap is present at surface.

RRMRB026 intersected 6 metres at 830 ppm TREO in weathered basin sediments showing both the mineralisation and the sedimentary basin extend further south than the current interpretation. Further drilling should test this area for potential resource extension.

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RRMRM027 intersected 2 metres of mineralised clay from 3 metres depth followed by a sequence of barren sand, gravel, pebbles, and clays. This suggests the hole has drilled on or close to the margin of the basin. Further drilling to the north of this hole, toward resource Area G is required to test for potential resource extension.

Table 5: Makuutu Central Southern Basin Margin RAB Drilling Intervals > 200ppm TREO-CeO_2.

Hole ID	Depth From (metres)	Length (metres)	TREO (ppm)	TREO-CeO_2 (ppm)	HREO (ppm)	NdPr (ppm)
RRMRB026	6.0	6.0	834	650	200	207
RRMRB027	5.0	2.0	372	228	82	70

Southern Basin Margin

Holes RRMRB028, RRMRB029, RRMRB030 and RRMRB032 were design to test the euU/eTh radiometric response on the southern margin of the basin. Previous field mapping and interpretation of aeromagnetic data suggested the area hosted granites and a major mafic dyke that crosscuts the region from north to south.

All the holes intersected rare earth mineralisation with RRMRB028 giving a significant intersection of 18.0 metres at 661 TREO ppm in weathered mafic rock. RRMRB032 also intersected mineralised weathered mafic rock. RRMRB029 intersected powdered clay indicating it was potentially on or close to the basin margin. RRMRB030 intersected mineralised weathered basin sediments with 8.0 metres at 663ppm TREO.

Further drilling will be planned to test this area. Extraction testwork and mineralogy are required to evaluate the mineralised weathered mafic rocks in RRMRB028 and RRMRB029.

Table 6: Makuutu Central Southern Basin Margin RAB Drilling Intervals > 200ppm TREO-CeO_2.

Hole ID	Depth From (metres)	Length (metres)	TREO (ppm)	TREO-CeO_2 (ppm)	HREO (ppm)	NdPr (ppm)
RRMRB028	5.0	18.0	661	457	176	148
RRMRB029	4.0	4.0	535	308	115	98
RRMRB030	5.0	8.0	663	465	188	135
RRMRB032	8.0	14.0	279	236	126	58

Central Basin

A single hole, RRMRB031, was drilled to test the relatively subdued eU/eTh radiometric response between the Central resource area and resource Area F. This hole recorded an intersection of 10 metres at 856ppm TREO. The drilling showed a relatively thick layer of transported soil is likely masking the radiometric response with 3 metres of hardcap intersected beneath the soil followed by the mineralised clay interval.

Resource drilling will be planned in this area to determine the extent of this mineralisation.

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Table 7: Makuutu Central Basin RAB Drilling Interval > 200ppm TREO-CeO_2.

Hole ID	Depth From (metres)	Length (metres)	TREO (ppm)	TREO-CeO_2 (ppm)	HREO (ppm)	NdPr (ppm)
RRMRB031	5.0	10.0	856	567	190	186

Northern Basin/Resource Margin

A series of RAB holes (RRMRB033 to RRMRB040) were drilled along the northern basin and resource margin to test for potential northern extensions to the Central mineral resource area. Of these holes RRMRB036 and RRMRB041 recorded significant mineralised intersections. Both were close to the existing inferred resource boundary. The current Phase 4 resource infill drilling program of this area has been adjusted to allow for these results.

RRMRB038 intersected 6 metres at 440ppm TREO in fine clays above weathered granite 300 metres north of the current resource limit. This material will require extraction testwork to determine its significance.

Table 8: Makuutu Central Northern Basin/Resource Margin RAB Drilling Intervals > 200ppm TREO-CeO_2.

Hole ID	Depth From (metres)	Length (metres)	TREO (ppm)	TREO-CeO_2 (ppm)	HREO (ppm)	NdPr (ppm)
RRMRB036	4.0	12.0	937	632	222	215
RRMRB037	NSI	-	-	-	-	-
RRMRB038	13.0	6.0	440	262	77	96
RRMRB039	4.0	6.0	389	265	89	92
RRMRB040	NSI	-	-	-	-	-
RRMRB041	5.0	7.0	723	347	104	127

Central Zone Resource Western Extension

RRMRB046 and RRMRB047 were drilled to test the western extension of the Central resource area. Both intersected mineralisation of 6 metres at 881ppm TREO and 12 metres at 595 ppm TREO respectively. The current Phase 4 resource infill drilling program design has been adjusted to include these extensions.

Table 9: Makuutu Central Zone Resource Western Extension RAB Drilling Intervals > 200ppm TREO-CeO_2.

Hole ID	Depth From (metres)	Length (metres)	TREO (ppm)	TREO-CeO_2 (ppm)	HREO (ppm)	NdPr (ppm)
RRMRB046	6.0	6.0	881	575	212	181
RRMRB047	12.0	12.0	595	381	164	120

Central Basin North of Exploration Target E

Three holes were drilled to test the area north of Exploration Target E where the radiometric response shows an eU/eK response adjacent to the known hardcap. The intention was to test if the clay hosted rare earth mineralisation exists outside the areas of hardcap cover.

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All three holes, RRMRB048 to RRMRB050, intersected clay hosted rare earth mineralisation with intersections of 5 metres at 868ppm TREO, 12 metres at 621 ppm TREO and 4 metres at 1,023 ppm respectively. All holes had a 2-metre coverage of transported soil above hardcap. This suggest that radiometric response (eK) from the thicker covering of soil is masking the hardcap response with potential to extend resources beyond current drilling.

Follow up RAB drilling will be undertaken to test areas of the Project where there is potential for thick soil covered mineralisation.

Table 10: Makuutu Central North of Exploration Target E RAB Drilling Intervals > 200ppm TREO-CeO_2.

Hole ID	Depth From (metres)	Length (metres)	TREO (ppm)	TREO-CeO_2 (ppm)	HREO (ppm)	NdPr (ppm)
RRMRB048	5.0	5.0	868	594	217	186
RRMRB049	5.0	12.0	621	423	128	147
RRMRB050	4.0	4.0	1023	664	198	221

Infrastructure Sterilisation

Ten RAB holes were drilled north of the Makuutu Central resource area to provide sterilisation data on a potential project infrastructure site, The drilling intersected some narrow rare earth intersections above granitic and mafic rocks. RRMRB053 intersected 2 metres of elevated TREO however this interval is largely comprised of cerium and of limited economic interest. Table 11 is a summary of the results from the sterilisation drilling.

Table 11: Makuutu Central Sterilisation RAB Drilling Intervals > 200ppm TREO-CeO_2.

Hole ID	Depth From (metres)	Length (metres)	TREO (ppm)	TREO-CeO_2 (ppm)	HREO (ppm)	NdPr (ppm)
RRMRB042	4.0	2.0	383	287	90	97
RRMRB043	6.0	2.0	384	234	88	71
RRMRB044	NSI	NSI	-	-	-	-
RRMRB045	12.0	4.0	399	264	98	83
RRMRB051	6.0	2.0	401	289	76	99
RRMRB052	NSI	NSI	-	-	-	-
RRMRB053	4.0	2.0	756	237	90	70
RRMRB054	NSI	NSI	-	-	-	-
RRMRB055	4.0	2.0	369	232	82	73
RRMRB056	NSI	NSI	-	-	-	-

Authorised for release by the Board.

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About Makuutu Rare Earths Project

The Makuutu Rare Earths Project is an ionic adsorption clay ("IAC") hosted Rare Earth Element ("REE") deposit located 120 km east of Kampala in Uganda and is well serviced by existing high quality infrastructure including roads, rail, power infrastructure and cell communications. The installed infrastructure is illustrated in Figure 4.

The Company will move to 60% ownership of Makuutu on the completion of the Feasibility Study and has a pre-emptive right over the remaining 40% stake in the Project.

The deposit stretches 37 km in length and has demonstrated potential for a long life, low-cost capital source of critical and heavy rare earths. These IAC deposits are prevalent in southern China which have been the source of the world's lowest cost critical and heavy REE production, however these deposits are gradually being exhausted and Makuutu represents one of only a handful of such deposits outside of southern China.

The Makuutu deposit is shallow, with less than 3 m of cover over a 9 m average thickness clay and saprolite zone which results in low-cost bulk mining methods with low strip ratio. A maximum thickness of 19.5 m has been identified at Makuutu. Processing is via simple acidified salt desorption heap leaching, breaking the chemical ionic bond which washes the rare earths (in a chemical form) from the ore into a pregnant leach solution ("PLS"). The PLS is concentrated up using membrane technology, from which the rare earths are precipitated as a mixed rare earth carbonate product; a product which attracts both a higher payability and achieves a high basket price due to the dominant high value critical and heavy rare earths which make up over 70% of the product basket.

The Project has the potential of generating a high margin product with an operation life exceeding 27 years. The Project is also prospective for a low-cost Scandium co-product.

Figure 4: Makuutu Rare Earths Project Location with major existing infrastructure.

Existing Infrastructure

One of the Makuutu Rare Earths Project's competitive advantages is its proximity to existing infrastructure. The Makuutu site is approximately 10km from Highway 109 which is a sealed bitumen road connecting to Kampala, to Kenya and on to the Port of Mombasa. All weather access roads connecting the site to the adjacent sealed bitumen highway are already existing. A rail line lies within 10 kilometres north of the Makuutu site near the town of Iganga. There are four hydroelectric power plants located within 65 km of the project area, with total installed generating capacity of approximately 810 MW, providing an abundant supply of cheap power to the Project.

Water will be sourced at the project by harvesting water from the Makuutu site, given the Project location in a positive rainfall environment, and a net positive process water balance will require membrane processes to be used to process site discharge water for reagent recovery. Excess water management will be a key focus of the Project the ensure environmental standards are met and reagent consumption is minimised.

A workforce of semi-skilled and artisanal workers is available in nearby towns and population centres. The closest major population centre is Iganga, which has a population of 50,000. The town of Mayuge is approximately 10 km from the Project site and the intent is to source local operations staff from the immediate districts and train staff accordingly. The operation is to be staffed by a residential workforce. No fly in – fly out is envisaged, and the number of expatriate staff is intended to be low, and to be phased out over time. Industrial facilities are available in the city of Jinja, approximately 40 km from the Project area. Additional industrial facilities are available on the outskirts of Kampala.

Competent Person Statements

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 crossed-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 3 March 2021 and is available to view on www.asx.com.au. 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.

Forward Looking Statements

This announcement has been prepared by Ionic 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 Ionic 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, Ionic 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.

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

Drill Hole ID	UTM East (m.)	UTM North (m.)	Elevation (m.a.s.l.)	Drill Type	Hole Length EOH (m.)	Azimuth	Inclination
RRMRB001	583 516	58 608	1180	RAB	22.00	0	-90
RRMRB002	584 279	59 316	1169	RAB	17.00	0	-90
RRMRB003	583 531	59 912	1184	RAB	33.00	0	-90
RRMRB004	582 640	60 618	1155	RAB	16.00	0	-90
RRMRB005	581 881	61 252	1131	RAB	13.00	0	-90
RRMRB006	581 242	60 498	1183	RAB	24.00	0	-90
RRMRB007	581 771	59 805	1143	RAB	13.00	0	-90
RRMRB008	582 804	59 049	1156	RAB	15.00	0	-90
RRMRB009	582 036	58 028	1200	RAB	21.00	0	-90
RRMRB010	581 227	58 743	1138	RAB	12.00	0	-90
RRMRB011	581 116	57 297	1162	RAB	27.00	0	-90
RRMRB012	581 437	56 362	1180	RAB	22.00	0	-90
RRMRB013	582 086	56 928	1165	RAB	24.00	0	-90
RRMRB014	582 171	55 925	1193	RAB	26.00	0	-90
RRMRB015	583 056	56 456	1205	RAB	24.00	0	-90
RRMRB016	583 673	55 438	1224	RAB	6.00	0	-90
RRMRB017	582 913	57 225	1179	RAB	24.00	0	-90
RRMRB018	584 545	56 444	1185	RAB	23.00	0	-90
RRMRB019	583 808	57 196	1209	RAB	21.00	0	-90
RRMRB020	585 530	55 318	1192	RAB	14.00	0	-90
RRMRB021	585 736	55 977	1176	RAB	21.00	0	-90
RRMRB022	586 029	56 344	1206	RAB	17.00	0	-90
RRMRB023	584 898	57 136	1173	RAB	15.00	0	-90
RRMRB024	579 733	58 431	1138	RAB	18.00	0	-90
RRMRB025	580 671	59 410	1164	RAB	20.00	0	-90
RRMRB026	573 109	57 716	1129	RAB	14.00	0	-90
RRMRB027	570 958	57 355	1131	RAB	24.00	0	-90
RRMRB028	568 195	55 590	1150	RAB	24.00	0	-90
RRMRB029	568 388	55 873	1136	RAB	12.00	0	-90
RRMRB030	568 209	56 267	1124	RAB	15.00	0	-90
RRMRB031	568 286	56 988	1113	RAB	15.00	0	-90
RRMRB032	567 872	55 939	1143	RAB	24.00	0	-90
RRMRB033	565 597	58 298	1139	RAB	24.00	0	-90
RRMRB034	566 337	58 451	1126	RAB	15.00	0	-90
RRMRB035	566 048	58 382	1140	RAB	17.00	0	-90
RRMRB036	565 262	58 260	1146	RAB	24.00	0	-90
RRMRB037	564 390	58 227	1156	RAB	24.00	0	-90
RRMRB038	563 386	58 296	1165	RAB	21.00	0	-90
RRMRB039	562 363	57 986	1153	RAB	24.00	0	-90
RRMRB040	562 608	58 091	1161	RAB	17.00	0	-90
RRMRB041	563 883	57 933	1149	RAB	12.00	0	-90
RRMRB042	568 308	61 205	1127	RAB	12.00	0	-90
RRMRB043	568 225	62 183	1148	RAB	16.00	0	-90
RRMRB044	567 702	62 128	1137	RAB	9.00	0	-90
RRMRB045	567 992	62 627	1153	RAB	16.00	0	-90
RRMRB046	562 358	57 202	1143	RAB	10.00	0	-90
RRMRB047	562 226	57 665	1142	RAB	15.00	0	-90
RRMRB048	561 422	56 001	1148	RAB	10.00	0	-90
RRMRB049	562 279	56 112	1155	RAB	18.00	0	-90
RRMRB050	562 006	56 291	1153	RAB	8.00	0	-90
RRMRB051	566 970	62 233	1149	RAB	12.00	0	-90
RRMRB052	567 268	62 803	1153	RAB	21.00	0	-90
RRMRB053	568 699	62 209	1147	RAB	16.00	0	-90
RRMRB054	568 708	61 179	1114	RAB	12.00	0	-90
RRMRB055	567 762	61 245	1127	RAB	7.00	0	-90
RRMRB056	567 402	61 300	1135	RAB	25.00	0	-90

Appendix 1: RAB Drilling Analytical Results RRMRB001 to RRMRB056 Including Highlighted Intersections >200 ppm TREO-CeO_2.
(Note: Rounding will cause minor value differences)

																				>200ppm TREO-CeO_2 Interval	
Hole ID	From m	To m	Int. m	La_2O_3 ppm	CeO_2 ppm	Pr_2O_3 ppm	Nd_2O_3 ppm	Sm_2O_3 ppm	Eu_2O_3 ppm	Gd_2O_3 ppm	Tb_2O_3 ppm	Dy_2O_3 ppm	Ho_2O_3 ppm	Er_2O_3 ppm	Tm_2O_3 ppm	Yb_2O_3 ppm	Lu_2O_3 ppm	Y_2O_3 ppm	TREO ppm	Regolith Zone	Length (m)	TREO ppm
RRMRB001	0.00	2.00	2.00	295.5	551.6	43.4	121.3	16.3	2.7	11.1	1.9	10.2	1.9	5.4	0.8	5.5	0.8	47.2	1115.4	Hardcap		
RRMRB001	2.00	4.00	2.00	256.8	551.6	42.9	120.7	16.4	2.6	11.3	1.9	10.7	2.1	6.2	0.9	6.4	0.9	54.1	1085.5	Hardcap		
RRMRB001	4.00	5.00	1.00	198.8	2014.6	40.8	127.7	19.6	3.1	13.8	2.4	12.9	2.6	7.7	1.1	7.3	1.0	66.0	2519.6	Hardcap		
RRMRB001	5.00	6.00	1.00	100.5	337.8	22.3	75.8	12.7	1.9	9.0	1.4	8.4	1.6	5.0	0.7	4.9	0.7	49.3	632.1	Transition		
RRMRB001	6.00	8.00	2.00	52.7	98.5	12.9	46.1	7.7	1.3	5.8	0.9	5.6	1.1	3.4	0.5	3.4	0.5	33.3	273.5	Mottled		
RRMRB001	8.00	10.00	2.00	38.2	149.3	10.8	40.7	7.0	1.3	5.3	0.8	5.2	1.0	2.9	0.4	3.0	0.4	30.4	296.7	Mottled		
RRMRB001	10.00	12.00	2.00	53.8	202.7	14.6	56.6	9.4	1.9	7.4	1.0	5.9	1.1	3.3	0.5	3.2	0.5	38.4	400.3	Mottled		
RRMRB001	12.00	14.00	2.00	58.5	137.0	14.3	52.6	8.7	2.2	8.0	1.1	6.3	1.2	3.7	0.5	3.2	0.4	43.2	340.7	Clay		
RRMRB001	14.00	16.00	2.00	66.4	114.9	14.9	53.3	8.9	2.1	7.2	1.0	5.7	1.1	3.4	0.4	2.9	0.4	39.1	321.5	Clay	4.00	331
RRMRB001	16.00	18.00	2.00	69.0	124.7	14.4	50.5	8.4	2.0	6.4	0.9	4.9	0.9	2.5	0.4	2.2	0.3	31.6	319.0	Clay		
RRMRB001	18.00	20.00	2.00	44.4	85.7	10.1	37.4	6.7	1.6	5.2	0.7	4.2	0.8	2.2	0.3	2.1	0.3	25.9	227.9	Upper Saprolite		
RRMRB001	20.00	22.00	2.00	46.6	88.2	10.5	37.7	6.7	1.6	5.2	0.7	4.2	0.7	2.2	0.3	2.0	0.3	25.0	231.8	Saprock		
RRMRB002	0.00	3.00	3.00	66.5	573.7	14.3	48.2	8.7	1.5	7.0	1.3	7.2	1.5	4.7	0.7	4.8	0.7	40.4	781.0	Hardcap		
RRMRB002	3.00	5.00	2.00	86.4	804.6	17.6	59.5	10.3	1.8	7.9	1.4	8.0	1.6	5.1	0.7	5.3	0.8	42.9	1054.0	Hardcap		
RRMRB002	5.00	7.00	2.00	83.7	156.6	16.2	55.8	9.6	1.6	7.4	1.1	7.2	1.4	4.5	0.7	4.6	0.7	45.7	396.9	Clay		
RRMRB002	7.00	9.00	2.00	89.0	270.2	20.3	66.6	10.3	2.1	7.2	1.0	5.7	1.0	3.2	0.5	2.8	0.4	34.7	515.0	Clay		
RRMRB002	9.00	11.00	2.00	115.1	165.2	25.1	81.6	12.3	2.4	8.1	1.1	6.3	1.2	3.2	0.5	3.1	0.4	39.4	465.0	Clay		
RRMRB002	11.00	13.00	2.00	124.9	165.8	24.4	79.1	11.9	2.3	7.8	1.1	6.3	1.1	3.4	0.5	3.0	0.4	40.9	472.9	Clay		
RRMRB002	13.00	15.00	2.00	94.9	160.9	19.4	62.9	9.4	1.9	6.3	0.9	4.8	0.8	2.6	0.4	2.2	0.3	30.6	398.3	Clay		
RRMRB002	15.00	17.00	2.00	87.5	159.1	18.6	61.2	9.6	1.9	6.7	0.9	5.2	1.0	2.8	0.4	2.7	0.4	33.0	390.9	Clay	12.00	440
RRMRB003	0.00	2.00	2.00	279.1	425.0	67.5	226.9	29.7	4.5	19.0	2.6	13.8	2.5	7.0	0.9	6.1	0.9	63.0	1148.3	Hardcap		
RRMRB003	2.00	4.00	2.00	217.6	374.7	50.6	172.0	23.5	3.6	13.7	2.1	11.4	2.1	5.8	0.8	6.0	0.8	50.3	935.0	Hardcap		
RRMRB003	4.00	6.00	2.00	171.8	275.2	43.1	153.4	22.6	3.1	13.0	1.7	9.8	1.8	5.0	0.7	5.2	0.7	45.2	752.3	Hardcap		
RRMRB003	6.00	8.00	2.00	156.6	281.3	36.9	130.6	20.6	3.2	13.7	2.1	12.5	2.3	7.0	1.1	7.4	1.0	59.8	736.0	Hardcap		
RRMRB003	8.00	10.00	2.00	77.5	250.6	17.9	63.9	11.4	2.0	9.9	1.5	9.3	1.8	5.5	0.8	5.5	0.8	51.2	509.6	Clay		
RRMRB003	10.00	12.00	2.00	58.8	265.3	13.7	50.5	10.8	1.9	10.2	1.7	10.5	2.0	6.1	0.9	6.1	0.9	58.8	498.2	Clay		
RRMRB003	12.00	14.00	2.00	45.6	102.6	12.3	47.2	10.1	2.2	10.2	1.7	9.5	1.9	5.6	0.8	5.3	0.8	54.5	310.2	Clay	6.00	439
RRMRB003	14.00	16.00	2.00	27.7	95.6	7.0	28.0	7.2	1.7	7.9	1.4	8.1	1.6	5.0	0.7	4.9	0.7	50.0	247.4	Clay		
RRMRB003	16.00	18.00	2.00	52.7	107.5	12.7	46.0	8.4	1.6	7.3	1.2	6.7	1.4	4.0	0.6	4.1	0.6	39.9	294.5	Clay		
RRMRB003	18.00	20.00	2.00	18.3	79.7	4.7	19.1	4.4	1.1	4.7	0.8	5.1	1.1	3.4	0.4	3.4	0.5	32.8	179.6	Clay		
RRMRB003	20.00	22.00	2.00	10.2	116.7	3.2	13.5	3.9	1.0	4.4	0.8	5.4	1.1	3.5	0.5	3.5	0.5	33.4	201.5	Clay		
RRMRB003	22.00	24.00	2.00	14.3	69.2	4.2	17.1	4.5	1.2	5.2	0.9	5.6	1.2	3.8	0.6	3.8	0.6	42.2	174.4	Clay		
RRMRB003	24.00	26.00	2.00	27.3	99.7	7.4	31.1	7.1	1.9	7.7	1.0	6.1	1.2	3.9	0.5	3.3	0.5	44.4	243.3	Clay		
RRMRB003	26.00	28.00	2.00	36.8	73.7	11.2	46.2	10.1	2.5	9.4	1.3	7.8	1.5	4.6	0.6	4.0	0.6	52.4	262.7	Clay		
RRMRB003	28.00	29.00	1.00	40.9	92.0	10.2	39.9	8.4	1.9	8.0	1.3	7.5	1.5	4.5	0.6	4.0	0.6	54.7	276.1	Clay		
RRMRB003	29.00	30.00	1.00	43.4	97.3	11.1	44.4	9.0	2.3	9.2	1.4	8.0	1.6	4.9	0.7	4.3	0.6	57.8	295.9	Clay		
RRMRB003	30.00	33.00	3.00	42.3	137.0	10.9	42.6	8.6	2.1	8.4	1.3	7.8	1.6	4.8	0.7	4.3	0.6	53.6	326.5	Upper Saprolite		
RRMRB004	0.00	2.00	2.00	77.6	503.6	15.0	51.4	8.9	1.7	7.3	1.3	7.1	1.5	4.4	0.6	4.6	0.6	35.0	720.8	Hardcap		
RRMRB004	2.00	4.00	2.00	137.2	826.7	29.0	99.6	17.1	3.0	13.0	2.2	12.2	2.4	7.2	1.0	7.1	1.0	61.1	1219.8	Hardcap		
RRMRB004	4.00	6.00	2.00	124.3	219.9	29.0	105.8	18.6	3.4	14.3	2.1	12.4	2.3	6.6	0.9	6.2	0.8	65.4	611.9	Transition		
RRMRB004	6.00	8.00	2.00	70.7	155.4	18.1	70.9	14.3	2.8	12.9	1.9	11.6	2.2	6.5	0.8	5.8	0.8	64.1	439.0	Clay		
RRMRB004	8.00	10.00	2.00	78.3	189.8	19.1	75.3	14.6	3.1	13.7	2.1	12.8	2.6	8.0	1.1	7.0	1.0	87.1	515.6	Clay		
RRMRB004	10.00	12.00	2.00	70.1	175.7	17.8	67.8	12.8	2.6	11.5	1.7	10.9	2.4	7.2	1.0	6.3	1.0	101.8	490.5	Clay		

RRMRB004	12.00	14.00	2.00	60.5	155.4	14.6	55.5	10.1	2.0	8.0	1.2	6.9	1.3	4.0	0.6	3.4	0.5	41.3	365.2	Upper Saprolite		
RRMRB004	14.00	16.00	2.00	63.1	157.2	15.0	57.3	10.6	2.0	8.2	1.2	7.1	1.4	3.8	0.6	3.8	0.5	42.2	374.0	Lower Saprolite	10.00	437
RRMRB005	0.00	2.00	2.00	67.4	755.5	12.9	42.3	7.0	1.3	5.7	1.0	5.7	1.2	3.7	0.5	3.8	0.6	32.9	941.5	Hardcap		
RRMRB005	2.00	3.00	1.00	74.9	669.5	14.0	45.7	7.4	1.3	5.9	1.0	6.1	1.2	3.8	0.6	3.8	0.6	32.8	868.7	Hardcap		
RRMRB005	3.00	4.00	1.00	95.2	684.2	17.8	58.2	9.7	1.7	7.1	1.2	6.8	1.4	4.3	0.6	4.4	0.6	39.0	932.2	Transition		
RRMRB005	4.00	6.00	2.00	87.4	219.3	18.5	65.3	11.5	2.3	9.5	1.5	9.1	1.7	5.5	0.8	5.4	0.8	54.5	493.0	Clay		
RRMRB005	6.00	8.00	2.00	91.9	181.2	25.0	98.0	17.7	3.6	16.7	2.6	15.3	3.1	8.8	1.2	7.8	1.1	111.8	585.9	Clay		
RRMRB005	8.00	10.00	2.00	61.1	141.3	14.8	56.1	10.4	2.2	8.9	1.3	7.8	1.5	4.3	0.6	4.0	0.6	46.9	361.7	Upper Saprolite		
RRMRB005	10.00	12.00	2.00	57.7	132.1	14.0	52.8	9.5	1.9	7.7	1.2	7.1	1.3	3.8	0.6	3.7	0.5	40.1	334.1	Lower Saprolite	8.00	444
RRMRB005	12.00	13.00	1.00	52.0	119.2	12.6	46.3	8.4	1.7	6.8	1.1	6.1	1.2	3.3	0.5	3.2	0.5	34.3	297.0	Lower Saprolite		
RRMRB006	0.00	2.00	2.00	87.3	843.9	15.6	49.8	8.6	1.5	6.4	1.2	6.7	1.4	4.3	0.6	4.2	0.6	36.2	1068.2	Hardcap		
RRMRB006	2.00	3.00	1.00	116.2	820.6	20.8	66.5	11.1	1.9	8.4	1.4	8.1	1.7	5.1	0.8	5.3	0.8	44.1	1112.7	Hardcap		
RRMRB006	3.00	4.00	1.00	113.2	823.0	22.9	74.9	12.7	2.2	9.6	1.7	9.6	2.1	5.9	0.9	6.1	0.8	51.9	1137.5	Transition		
RRMRB006	4.00	6.00	2.00	125.5	214.4	27.1	94.2	16.8	3.1	13.9	2.2	12.5	2.4	7.4	1.0	6.7	1.0	70.0	598.1	Clay		
RRMRB006	6.00	7.00	1.00	104.4	191.6	30.8	126.6	25.4	5.1	23.9	3.7	23.1	4.5	12.8	1.7	11.3	1.5	137.8	704.1	Clay		
RRMRB006	7.00	9.00	2.00	88.8	164.6	25.1	102.8	17.6	3.7	17.9	2.7	16.9	3.6	11.0	1.5	9.0	1.3	145.4	611.8	Clay		
RRMRB006	9.00	11.00	2.00	69.9	154.2	16.9	64.0	11.3	2.4	10.0	1.5	8.5	1.7	5.0	0.7	4.3	0.6	58.7	409.6	Clay		
RRMRB006	11.00	13.00	2.00	59.1	133.9	14.1	53.1	10.0	2.1	8.4	1.2	7.2	1.4	4.3	0.6	4.1	0.5	43.3	343.2	Clay		
RRMRB006	13.00	15.00	2.00	59.6	135.1	14.5	54.9	10.4	2.1	8.3	1.2	7.4	1.4	4.2	0.6	3.9	0.5	43.6	347.7	Clay		
RRMRB006	15.00	17.00	2.00	60.3	137.0	14.9	55.5	10.6	2.1	8.3	1.3	7.4	1.4	4.1	0.6	3.9	0.5	43.7	351.7	Upper Saprolite		
RRMRB006	17.00	19.00	2.00	58.2	135.1	14.2	54.0	9.9	2.0	8.3	1.2	7.2	1.4	4.0	0.6	3.8	0.5	42.7	343.1	Upper Saprolite		
RRMRB006	19.00	21.00	2.00	58.4	135.1	14.1	53.4	9.7	1.9	7.6	1.1	6.9	1.3	3.8	0.5	3.6	0.5	39.7	337.8	Upper Saprolite	17.00	435
RRMRB006	21.00	23.00	2.00	57.0	130.8	13.8	52.3	9.6	2.0	7.4	1.2	6.9	1.3	3.8	0.5	3.5	0.5	38.5	329.0	Upper Saprolite		
RRMRB006	23.00	24.00	1.00	55.5	130.8	13.6	51.0	9.7	2.0	7.4	1.1	6.9	1.3	4.1	0.5	3.7	0.6	41.5	329.7	Lower Saprolite		
RRMRB007	0.00	2.00	2.00	110.5	500.0	18.8	57.9	9.4	1.6	7.1	1.2	7.0	1.4	4.2	0.6	4.6	0.6	37.1	762.2	Hardcap		
RRMRB007	2.00	3.00	1.00	225.8	870.9	42.8	135.9	21.0	3.2	12.8	2.0	10.7	1.9	5.7	0.8	5.4	0.8	48.3	1387.9	Hardcap		
RRMRB007	3.00	4.00	1.00	202.9	832.9	42.0	138.8	22.7	3.8	15.8	2.4	12.5	2.4	6.6	0.9	6.2	0.9	55.7	1346.3	Transition		
RRMRB007	4.00	6.00	2.00	130.8	241.4	31.2	112.8	20.8	3.7	15.4	2.3	13.3	2.5	7.3	1.0	6.9	1.0	70.7	660.9	Clay		
RRMRB007	6.00	8.00	2.00	51.6	94.0	13.5	53.0	9.9	2.1	9.5	1.6	9.9	2.1	6.2	0.9	6.1	0.9	63.7	325.0	Clay		
RRMRB007	8.00	10.00	2.00	77.8	167.1	20.3	80.1	15.1	3.2	14.2	2.2	13.0	2.6	7.9	1.1	6.7	1.0	99.8	511.9	Upper Saprolite		
RRMRB007	10.00	12.00	2.00	62.2	149.3	15.2	57.0	10.8	2.2	9.2	1.4	8.2	1.6	4.7	0.7	4.3	0.6	51.4	378.8	Lower Saprolite	8.00	469
RRMRB007	12.00	13.00	1.00	59.6	140.0	14.5	54.5	9.8	2.0	7.2	1.1	6.2	1.2	3.4	0.5	3.4	0.5	35.2	339.2	Lower Saprolite		
RRMRB008	0.00	2.00	2.00	90.7	212.5	16.7	54.7	8.5	1.5	6.7	1.1	6.6	1.3	3.9	0.5	3.9	0.6	34.3	443.4	Hardcap		
RRMRB008	2.00	4.00	2.00	124.9	416.4	22.6	75.0	12.8	2.2	9.7	1.6	9.4	1.9	5.6	0.8	5.6	0.9	48.0	737.3	Hardcap		
RRMRB008	4.00	5.00	1.00	136.0	647.4	27.9	93.7	15.2	2.6	10.9	1.9	11.0	2.0	6.2	0.9	6.3	0.8	49.3	1012.0	Transition		
RRMRB008	5.00	7.00	2.00	122.0	256.7	29.4	103.3	16.7	2.9	11.3	1.7	10.3	1.8	5.2	0.8	5.1	0.7	46.5	614.3	Clay		
RRMRB008	7.00	9.00	2.00	80.6	173.8	21.6	84.8	16.6	3.3	13.0	2.0	10.8	1.8	5.1	0.7	4.7	0.7	45.0	464.4	Clay		
RRMRB008	9.00	11.00	2.00	77.8	173.2	21.1	82.5	17.0	3.5	17.4	2.7	16.8	3.6	10.5	1.5	9.5	1.5	121.0	559.6	Clay		
RRMRB008	11.00	13.00	2.00	68.1	141.3	20.6	86.7	16.6	3.4	20.2	3.1	20.0	4.8	14.0	2.0	12.1	1.9	188.6	603.5	Upper Saprolite		
RRMRB008	13.00	15.00	2.00	55.8	133.9	13.9	51.4	10.3	2.0	8.8	1.2	7.7	1.5	4.4	0.6	4.0	0.6	47.4	343.6	Lower Saprolite	10.00	517
RRMRB009	0.00	2.00	2.00	162.4	332.9	28.5	87.7	13.5	2.4	9.3	1.4	7.6	1.4	3.9	0.5	4.1	0.6	33.9	690.2	Hardcap		
RRMRB009	2.00	4.00	2.00	184.7	1098.2	36.0	120.1	18.6	3.4	13.5	2.1	11.1	2.2	6.3	0.8	6.1	0.8	57.5	1561.7	Transition		
RRMRB009	4.00	6.00	2.00	118.5	241.4	28.0	101.4	17.3	3.4	14.5	2.1	12.4	2.5	7.6	1.0	6.6	1.0	75.3	633.0	Transition		
RRMRB009	6.00	8.00	2.00	117.9	234.6	27.9	101.5	17.2	3.6	14.2	1.8	10.1	2.0	5.6	0.8	5.0	0.8	65.3	608.0	Clay		
RRMRB009	8.00	10.00	2.00	92.8	162.1	20.1	72.1	12.6	2.6	10.6	1.4	7.6	1.5	4.1	0.6	3.3	0.6	49.3	441.3	Clay		
RRMRB009	10.00	12.00	2.00	88.0	124.1	21.0	75.3	12.9	2.9	10.8	1.4	7.5	1.5	3.9	0.5	3.3	0.5	51.9	405.6	Clay		

RRMRB009	12.00	14.00	2.00	96.9	138.2	22.9	80.5	13.6	3.2	10.8	1.4	7.5	1.4	3.6	0.5	2.9	0.5	48.0	431.6	Clay		
RRMRB009	14.00	16.00	2.00	73.7	132.7	16.4	59.5	10.4	2.5	8.1	1.1	5.6	1.1	2.9	0.4	2.4	0.4	38.2	355.4	Upper Saprolite	10.00	448
RRMRB009	16.00	18.00	2.00	64.9	127.8	14.6	51.1	9.0	2.2	6.9	0.9	4.6	0.9	2.4	0.3	2.0	0.3	28.4	316.4	Upper Saprolite		
RRMRB009	18.00	20.00	2.00	52.1	101.1	11.7	42.0	7.5	1.7	5.7	0.7	3.8	0.7	1.8	0.3	1.8	0.3	22.7	253.9	Lower Saprolite		
RRMRB009	20.00	21.00	1.00	53.5	97.2	12.2	44.0	7.6	1.8	6.2	0.8	4.2	0.8	2.1	0.3	1.8	0.3	25.1	257.9	Lower Saprolite		
RRMRB010	0.00	2.00	2.00	74.0	203.9	14.9	49.7	9.2	1.6	7.8	1.4	7.8	1.6	5.0	0.7	5.0	0.7	47.0	430.0	Soil/Hardcap		
RRMRB010	2.00	4.00	2.00	75.5	514.7	15.1	49.6	8.7	1.6	7.0	1.2	6.7	1.4	4.2	0.6	4.2	0.6	34.5	725.6	Hardcap		
RRMRB010	4.00	5.00	1.00	162.4	560.2	29.2	88.5	14.3	2.5	11.0	1.8	10.5	2.1	6.0	0.9	6.3	0.9	54.7	951.4	Transition		
RRMRB010	5.00	7.00	2.00	170.1	149.9	37.7	118.4	20.5	3.6	16.1	2.2	12.3	2.3	6.3	0.9	5.8	0.9	61.8	608.7	Clay		
RRMRB010	7.00	9.00	2.00	93.6	130.8	30.4	120.7	24.2	4.6	23.2	3.5	21.0	4.0	11.1	1.6	10.0	1.5	120.8	601.1	Clay		
RRMRB010	9.00	10.00	1.00	59.1	116.9	18.9	80.0	15.5	3.2	18.4	2.7	16.5	3.7	10.9	1.5	9.0	1.5	166.4	524.1	Upper Saprolite	5.00	589
RRMRB010	10.00	12.00	2.00	48.9	109.0	12.4	47.1	9.5	2.1	9.2	1.4	7.8	1.5	4.2	0.6	3.8	0.6	44.7	302.7	Lower Saprolite		
RRMRB011	0.00	2.00	2.00	97.5	597.0	18.9	61.5	10.9	1.9	8.1	1.4	8.0	1.6	5.1	0.7	5.2	0.7	39.7	858.3	Hardcap		
RRMRB011	2.00	3.00	1.00	107.0	950.8	21.0	67.7	11.6	2.0	8.8	1.5	8.6	1.6	5.0	0.7	5.3	0.7	41.0	1233.2	Hardcap		
RRMRB011	3.00	5.00	2.00	103.7	474.2	23.3	80.6	14.1	2.5	12.7	1.8	11.1	2.2	6.2	0.9	6.2	1.0	64.3	804.8	Clay		
RRMRB011	5.00	7.00	2.00	58.4	303.4	14.1	49.3	9.3	1.7	8.2	1.3	7.6	1.5	4.3	0.7	4.5	0.7	42.9	508.0	Clay	4.00	656
RRMRB011	7.00	9.00	2.00	46.8	60.3	11.0	39.3	7.4	1.5	6.6	1.0	6.2	1.3	3.7	0.6	3.7	0.6	38.2	228.2	Clay		
RRMRB011	9.00	11.00	2.00	43.3	125.3	9.5	33.9	6.0	1.2	5.1	0.8	4.4	0.9	2.4	0.4	2.5	0.4	26.2	262.2	Clay		
RRMRB011	11.00	13.00	2.00	64.0	54.4	11.4	39.1	6.4	1.3	5.4	0.7	3.8	0.8	2.3	0.3	2.1	0.4	24.5	217.0	Upper Saprolite		
RRMRB011	13.00	15.00	2.00	37.6	151.1	9.6	35.0	6.1	1.4	4.9	0.7	3.8	0.7	2.0	0.3	1.9	0.3	22.0	277.4	Upper Saprolite		
RRMRB011	15.00	17.00	2.00	44.9	78.2	8.7	30.1	5.1	1.3	4.1	0.6	3.2	0.7	1.8	0.3	1.7	0.3	18.3	199.1	Upper Saprolite		
RRMRB011	17.00	19.00	2.00	40.7	96.2	10.8	39.1	7.0	1.7	5.6	0.8	4.2	0.8	2.2	0.3	1.9	0.3	24.0	235.7	Upper Saprolite		
RRMRB011	19.00	21.00	2.00	52.0	87.1	12.8	46.4	8.3	2.0	6.8	0.9	4.8	0.9	2.4	0.3	2.1	0.3	27.0	254.1	Upper Saprolite		
RRMRB011	21.00	23.00	2.00	39.6	77.6	9.1	32.1	5.6	1.5	4.8	0.7	3.6	0.7	1.8	0.3	1.7	0.3	21.8	201.2	Upper Saprolite		
RRMRB011	23.00	25.00	2.00	37.2	80.0	8.9	31.6	5.7	1.5	4.7	0.6	3.4	0.7	1.9	0.3	1.8	0.3	21.0	199.5	Upper Saprolite		
RRMRB011	25.00	27.00	2.00	33.8	70.5	8.2	29.4	5.4	1.4	4.3	0.6	3.3	0.6	1.8	0.3	1.6	0.3	18.9	180.3	Upper Saprolite		
RRMRB012	0.00	2.00	2.00	115.1	168.3	24.9	88.3	15.8	2.6	13.5	2.2	13.1	2.6	8.1	1.1	7.5	1.1	78.9	543.1	Soil		
RRMRB012	2.00	4.00	2.00	99.9	277.6	19.9	67.1	11.4	1.8	9.5	1.6	9.8	2.1	6.2	0.9	6.1	0.9	58.9	573.7	Hardcap		
RRMRB012	4.00	6.00	2.00	120.2	509.8	21.0	66.5	11.1	1.8	8.5	1.4	8.2	1.6	4.9	0.7	5.1	0.7	43.9	805.6	Hardcap		
RRMRB012	6.00	7.00	1.00	104.7	1167.0	23.0	77.7	14.6	2.3	11.7	1.8	10.7	2.1	5.9	0.9	5.9	0.9	54.0	1483.1	Hardcap		
RRMRB012	7.00	9.00	2.00	163.6	963.1	32.7	111.0	19.2	3.0	14.8	2.3	13.7	2.6	7.8	1.1	7.4	1.0	79.4	1422.8	Transition		
RRMRB012	9.00	11.00	2.00	118.5	170.1	22.8	79.0	13.2	2.1	10.8	1.6	9.5	1.9	5.6	0.8	5.2	0.8	59.8	501.7	Clay		
RRMRB012	11.00	13.00	2.00	96.8	147.4	18.3	62.2	10.4	1.8	8.0	1.2	7.0	1.4	3.9	0.6	3.8	0.5	42.5	405.8	Clay		
RRMRB012	13.00	15.00	2.00	101.8	115.1	23.3	83.4	13.3	2.5	9.1	1.2	6.8	1.2	3.5	0.5	3.0	0.4	39.7	404.7	Clay		
RRMRB012	15.00	17.00	2.00	77.9	120.4	18.9	69.1	11.4	2.4	7.8	1.0	5.4	1.0	2.7	0.3	2.3	0.4	32.4	353.4	Clay	8.00	416
RRMRB012	17.00	19.00	2.00	56.4	110.1	13.6	49.6	8.3	1.7	6.2	0.8	4.5	0.9	2.6	0.3	2.2	0.3	32.8	290.3	Clay		
RRMRB012	19.00	21.00	2.00	46.7	125.9	11.2	40.6	7.0	1.4	4.9	0.6	3.6	0.7	2.1	0.3	1.9	0.3	25.8	273.0	Clay		
RRMRB012	21.00	22.00	1.00	91.5	114.6	20.4	73.0	11.9	2.3	8.2	1.1	5.9	1.1	3.0	0.4	2.6	0.4	35.9	372.3	Clay		
RRMRB013	0.00	2.00	2.00	137.8	287.4	25.4	82.2	15.1	2.2	11.8	2.0	11.9	2.3	7.0	1.1	7.7	1.1	57.0	652.0	Hardcap		
RRMRB013	2.00	4.00	2.00	147.8	299.7	23.0	67.0	10.4	1.4	8.1	1.3	8.2	1.7	4.8	0.8	5.6	0.8	43.4	624.0	Hardcap		
RRMRB013	4.00	6.00	2.00	150.7	273.9	22.6	67.0	10.4	1.5	7.6	1.2	7.5	1.4	4.6	0.7	5.3	0.7	40.3	595.4	Hardcap		
RRMRB013	6.00	8.00	2.00	90.2	367.3	12.5	36.2	5.7	1.0	4.7	0.8	5.5	1.1	3.6	0.6	4.2	0.6	33.1	567.1	Hardcap		
RRMRB013	8.00	10.00	2.00	347.1	444.7	33.0	81.3	9.6	1.8	7.1	1.1	6.3	1.2	3.4	0.5	3.7	0.6	33.5	974.9	Clay		
RRMRB013	10.00	12.00	2.00	198.2	203.3	22.4	65.7	10.3	1.8	7.9	1.3	7.5	1.4	4.3	0.7	4.6	0.6	39.0	568.9	Clay		
RRMRB013	12.00	14.00	2.00	136.6	177.5	18.2	55.6	9.9	2.0	7.8	1.4	7.8	1.5	4.5	0.7	4.7	0.7	38.2	467.2	Upper Saprolite		
RRMRB013	14.00	16.00	2.00	160.7	149.9	20.9	62.8	10.8	2.1	7.7	1.3	8.2	1.6	4.3	0.7	4.7	0.7	40.8	477.1	Upper Saprolite		

RRMRB013	16.00	18.00	2.00	254.5	159.7	39.7	124.2	19.8	3.4	14.5	2.1	12.5	2.3	6.9	0.9	6.3	0.9	67.1	714.9	Upper Saprolite		
RRMRB013	18.00	20.00	2.00	211.7	129.0	40.8	138.2	22.0	3.9	16.0	2.3	12.7	2.3	7.1	0.9	6.5	0.9	71.0	665.5	Upper Saprolite		
RRMRB013	20.00	22.00	2.00	150.1	106.9	34.1	123.1	20.2	3.6	15.5	2.0	11.6	2.1	6.2	0.8	5.8	0.8	63.2	546.1	Upper Saprolite		
RRMRB013	22.00	24.00	2.00	136.6	324.3	24.3	81.1	14.4	2.4	11.1	1.7	10.6	2.0	5.9	0.8	5.6	0.8	55.6	677.2	Upper Saprolite	16.00	636
RRMRB014	0.00	2.00	2.00	289.7	855.0	66.3	189.5	23.1	2.8	13.7	2.2	13.1	2.4	7.3	1.1	7.9	1.1	58.4	1533.7	Hardcap		
RRMRB014	2.00	4.00	2.00	207.6	603.1	47.4	156.9	23.5	2.8	14.2	2.3	13.5	2.6	7.3	1.2	8.3	1.1	61.0	1152.8	Hardcap		
RRMRB014	4.00	6.00	2.00	209.9	410.3	49.8	164.5	24.7	2.6	14.3	2.2	12.9	2.4	6.8	1.0	7.5	1.0	57.4	967.3	Hardcap		
RRMRB014	6.00	7.00	1.00	280.3	425.0	59.6	180.8	24.0	2.7	15.7	2.3	14.1	2.6	7.6	1.2	7.8	1.1	71.5	1096.2	Hardcap		
RRMRB014	7.00	9.00	2.00	185.9	437.3	37.5	135.9	24.1	2.8	18.1	2.7	16.2	3.2	10.2	1.4	9.4	1.4	107.3	993.4	Clay		
RRMRB014	9.00	11.00	2.00	83.2	194.7	22.2	88.6	16.1	1.9	12.7	1.8	10.6	2.1	6.7	0.9	6.2	0.9	69.3	518.1	Clay		
RRMRB014	11.00	13.00	2.00	65.4	181.2	20.8	83.7	15.9	2.0	11.8	1.7	9.4	1.8	5.2	0.7	4.9	0.7	55.9	461.1	Clay		
RRMRB014	13.00	15.00	2.00	82.2	194.7	24.6	100.4	18.0	2.5	14.2	1.8	10.4	2.0	5.5	0.8	4.9	0.7	62.4	525.1	Clay		
RRMRB014	15.00	17.00	2.00	50.8	179.3	18.5	75.6	14.6	2.0	11.6	1.6	9.1	1.8	5.0	0.7	4.6	0.7	55.7	431.7	Clay		
RRMRB014	17.00	19.00	2.00	77.8	147.4	23.3	93.1	17.2	2.4	13.4	1.8	10.6	2.1	5.9	0.8	5.3	0.7	67.2	468.9	Clay		
RRMRB014	19.00	21.00	2.00	117.9	183.6	34.9	136.5	23.5	3.8	18.4	2.4	14.1	2.7	7.8	1.1	6.3	0.9	93.6	647.4	Clay		
RRMRB014	21.00	23.00	2.00	136.6	158.5	37.8	143.5	26.1	4.1	19.7	2.7	14.7	2.8	7.6	1.1	6.4	1.0	96.4	658.7	Clay		
RRMRB014	23.00	25.00	2.00	113.3	159.7	30.6	117.8	20.9	3.5	16.8	2.3	12.5	2.4	6.8	0.9	5.6	0.8	81.1	574.9	Clay		
RRMRB014	25.00	26.00	1.00	133.1	140.0	33.0	125.4	22.7	4.0	18.6	2.6	14.5	2.8	7.7	1.0	6.4	0.9	97.1	609.7	Clay	19.00	588
RRMRB015	0.00	2.00	2.00	262.7	568.7	42.8	116.6	15.5	2.1	10.5	1.6	9.9	1.9	5.7	0.9	6.2	0.8	52.7	1098.7	Hardcap		
RRMRB015	2.00	4.00	2.00	279.1	471.7	45.9	121.3	15.1	2.1	9.6	1.5	9.4	1.8	5.3	0.8	5.9	0.9	48.6	1019.1	Hardcap		
RRMRB015	4.00	6.00	2.00	255.7	665.8	43.7	117.2	14.3	1.8	9.0	1.5	8.8	1.7	5.2	0.8	5.7	0.8	46.5	1178.6	Hardcap		
RRMRB015	6.00	8.00	2.00	353.0	846.4	58.6	151.0	16.7	2.0	10.1	1.6	9.3	1.7	5.6	0.8	6.2	0.9	49.1	1513.0	Hardcap		
RRMRB015	8.00	10.00	2.00	459.7	1363.5	76.8	193.0	21.0	2.1	11.8	1.9	10.7	2.0	6.0	0.9	6.3	0.9	51.7	2208.4	Hardcap		
RRMRB015	10.00	12.00	2.00	297.9	986.4	45.2	117.2	14.8	1.4	9.7	1.6	9.8	2.0	5.6	0.9	6.3	0.9	50.7	1550.4	Transition		
RRMRB015	12.00	14.00	2.00	95.9	202.7	15.6	45.1	7.7	0.6	6.1	1.0	6.9	1.5	4.8	0.8	5.6	0.9	44.2	439.5	Clay		
RRMRB015	14.00	16.00	2.00	114.9	567.5	15.8	46.4	9.1	0.7	7.5	1.3	8.4	1.8	5.7	1.0	6.3	1.0	55.5	843.0	Clay		
RRMRB015	16.00	18.00	2.00	57.7	410.3	10.1	31.4	6.3	0.5	5.7	1.1	6.7	1.5	4.8	0.8	5.8	0.9	45.6	589.0	Clay		
RRMRB015	18.00	20.00	2.00	58.1	345.2	12.0	40.7	8.1	0.5	7.7	1.4	8.2	1.8	5.9	1.0	6.6	1.0	55.7	553.8	Clay		
RRMRB015	20.00	22.00	2.00	68.8	294.8	14.9	48.9	9.5	0.6	7.7	1.3	8.2	1.8	5.6	0.9	6.3	1.0	53.2	523.5	Clay		
RRMRB015	22.00	24.00	2.00	49.0	191.0	10.4	31.8	5.6	0.4	4.2	0.8	4.8	1.0	3.3	0.6	3.9	0.6	30.2	337.6	Clay	12.00	548
RRMRB016	0.00	2.00	2.00	86.9	979.0	20.0	66.0	11.9	1.2	9.2	1.6	9.4	1.8	5.5	0.9	5.9	0.9	49.4	1249.7	Hardcap		
RRMRB016	2.00	4.00	2.00	131.4	1126.4	29.6	96.2	18.8	1.7	12.3	2.1	13.0	2.4	7.6	1.1	8.5	1.1	56.4	1508.7	Hardcap		
RRMRB016	4.00	6.00	2.00	101.3	1042.9	22.5	73.5	14.0	1.3	9.9	1.7	9.7	1.8	5.5	0.9	6.1	0.9	50.9	1343.0	Hardcap		
RRMRB016	5.00	6.00	1.00	94.6	649.8	21.7	71.5	13.7	1.2	10.0	1.6	9.5	1.9	5.8	0.9	6.1	0.9	53.3	942.6	Fresh Rock		
RRMRB017	0.00	2.00	2.00	139.6	1106.8	22.7	66.7	11.1	1.5	8.0	1.4	8.5	1.6	5.2	0.7	5.5	0.8	43.3	1423.3	Hardcap		
RRMRB017	2.00	4.00	2.00	144.8	1017.1	24.5	72.7	12.0	1.7	8.3	1.5	8.8	1.7	5.4	0.9	5.9	0.8	46.9	1353.0	Hardcap		
RRMRB017	4.00	6.00	2.00	153.1	910.2	27.2	82.9	13.5	1.8	9.6	1.7	10.2	2.0	5.9	0.9	6.2	0.9	53.7	1279.8	Hardcap		
RRMRB017	6.00	8.00	2.00	139.6	352.6	26.7	84.4	14.7	2.2	11.4	1.8	10.6	2.1	6.5	1.0	6.6	1.0	66.5	727.8	Clay		
RRMRB017	8.00	10.00	2.00	117.9	245.7	28.4	95.9	16.6	2.5	11.9	1.9	10.1	2.0	6.0	0.9	5.3	0.8	61.6	607.4	Upper Saprolite		
RRMRB017	10.00	12.00	2.00	110.6	298.5	33.0	115.0	20.4	3.1	14.0	2.1	10.8	1.9	5.3	0.8	4.8	0.7	54.0	674.9	Upper Saprolite		
RRMRB017	12.00	14.00	2.00	175.3	208.8	40.1	142.3	24.6	3.9	19.1	2.7	14.5	2.8	7.6	1.1	6.7	1.0	87.2	737.8	Upper Saprolite		
RRMRB017	14.00	16.00	2.00	163.0	117.9	39.1	144.6	25.0	4.2	20.1	2.7	14.3	2.8	7.6	1.1	6.4	0.9	94.2	644.1	Upper Saprolite		
RRMRB017	16.00	18.00	2.00	158.3	223.0	34.7	124.8	22.4	4.2	20.7	3.0	16.8	3.3	9.4	1.3	7.5	1.1	123.7	754.1	Upper Saprolite		
RRMRB017	18.00	20.00	2.00	149.5	223.6	31.5	111.7	19.9	3.7	18.5	2.6	14.6	3.0	8.1	1.1	6.3	0.9	108.1	703.3	Upper Saprolite		
RRMRB017	20.00	22.00	2.00	123.7	146.8	28.0	99.3	17.5	3.3	14.9	2.1	11.5	2.3	6.5	0.9	5.2	0.7	87.6	550.5	Upper Saprolite		
RRMRB017	22.00	24.00	2.00	108.5	140.7	23.9	85.6	15.0	2.9	12.7	1.7	9.4	1.9	5.5	0.7	4.2	0.6	74.5	487.7	Lower Saprolite	18.00	654

RRMRB018	0.00	2.00	2.00	185.3	630.2	34.4	93.2	13.0	1.5	9.2	1.6	9.9	1.9	5.9	0.9	6.6	0.9	50.0	1044.6	Hardcap		
RRMRB018	2.00	4.00	2.00	175.9	594.5	29.1	77.2	10.6	1.1	7.0	1.2	7.7	1.5	4.8	0.8	5.6	0.8	39.7	957.6	Hardcap		
RRMRB018	4.00	6.00	2.00	99.1	351.3	17.4	55.3	9.3	1.0	6.8	1.2	7.5	1.5	5.0	0.8	5.6	0.8	44.6	607.1	Hardcap		
RRMRB018	6.00	8.00	2.00	53.8	187.9	12.3	42.8	8.1	0.8	7.3	1.4	8.5	1.8	5.8	1.0	6.8	1.0	57.9	397.3	Clay		
RRMRB018	8.00	10.00	2.00	25.0	166.4	7.2	27.8	6.8	0.5	6.4	1.3	8.8	1.9	6.1	1.0	6.8	1.0	59.7	326.9	Clay		
RRMRB018	10.00	12.00	2.00	30.8	181.2	9.8	37.0	8.9	0.5	7.7	1.4	8.8	1.9	5.9	0.9	6.5	1.0	60.4	362.7	Clay		
RRMRB018	12.00	14.00	2.00	36.9	226.6	11.8	44.4	10.2	0.6	8.7	1.5	9.7	2.0	6.3	1.0	6.6	1.0	64.0	431.3	Clay		
RRMRB018	14.00	16.00	2.00	33.2	122.3	9.7	35.5	8.3	0.5	7.5	1.4	8.8	1.8	5.9	0.9	6.1	0.9	58.0	300.8	Clay		
RRMRB018	16.00	18.00	2.00	63.6	198.4	19.1	66.3	14.1	0.7	10.8	1.8	10.8	2.2	6.7	1.0	6.7	1.0	69.0	472.2	Clay		
RRMRB018	18.00	20.00	2.00	85.6	111.2	24.4	84.1	16.4	0.7	10.8	1.7	9.4	1.8	5.2	0.8	4.9	0.7	54.6	412.2	Clay		
RRMRB018	20.00	22.00	2.00	134.9	202.7	38.5	133.0	25.5	1.0	15.8	2.3	12.2	2.3	6.6	1.0	6.2	0.9	72.5	655.5	Clay		
RRMRB018	22.00	23.00	1.00	146.6	157.2	41.2	141.1	27.5	1.1	17.0	2.4	12.9	2.4	6.8	1.0	6.3	0.9	74.9	639.4	Clay	11.00	471
RRMRB019	0.00	2.00	2.00	116.1	389.4	21.7	67.1	11.3	1.5	8.1	1.4	8.3	1.6	5.2	0.8	5.9	0.8	44.4	683.6	Hardcap		
RRMRB019	2.00	4.00	2.00	175.9	571.2	30.9	95.2	14.7	1.8	8.9	1.5	9.0	1.7	5.3	0.9	5.9	0.8	47.0	970.6	Hardcap		
RRMRB019	4.00	6.00	2.00	148.9	256.7	21.6	59.3	8.5	1.1	6.4	1.0	7.0	1.4	4.4	0.7	4.9	0.8	41.3	564.0	Hardcap		
RRMRB019	6.00	8.00	2.00	171.2	643.7	32.5	108.2	19.6	2.9	15.6	2.5	14.1	2.8	8.3	1.3	8.1	1.2	88.5	1120.4	Transition		
RRMRB019	8.00	10.00	2.00	373.0	287.4	81.2	284.6	48.7	6.7	36.7	5.3	28.5	5.6	15.3	2.3	13.6	2.1	186.0	1376.8	Clay		
RRMRB019	10.00	12.00	2.00	351.8	159.7	78.2	285.8	46.6	7.1	37.0	4.6	23.9	4.5	11.8	1.6	9.5	1.5	148.6	1172.0	Clay		
RRMRB019	12.00	14.00	2.00	204.7	136.4	39.9	147.0	26.7	5.0	27.0	3.8	21.7	4.4	11.7	1.6	9.0	1.4	154.9	794.8	Upper Saprolite		
RRMRB019	14.00	16.00	2.00	89.1	109.0	17.5	62.6	11.9	2.7	14.1	2.4	14.9	3.3	9.0	1.2	6.8	1.0	134.0	479.4	Upper Saprolite		
RRMRB019	16.00	18.00	2.00	71.2	114.5	15.2	54.2	9.3	2.1	7.7	1.1	6.2	1.3	3.6	0.4	2.9	0.4	48.4	338.4	Upper Saprolite	10.00	832
RRMRB019	18.00	20.00	2.00	64.6	112.5	13.9	49.5	8.5	1.9	6.3	0.8	4.4	0.9	2.5	0.3	2.0	0.3	29.7	298.1	Upper Saprolite		
RRMRB019	19.00	21.00	2.00	58.8	102.4	12.5	44.7	7.9	1.8	5.7	0.8	4.2	0.8	2.3	0.3	2.0	0.3	26.9	271.4	Lower Saprolite		
RRMRB020	0.00	2.00	2.00	300.2	776.3	46.2	123.6	17.5	2.0	11.1	1.8	10.3	1.8	5.4	0.9	5.9	0.8	47.4	1351.2	Hardcap		
RRMRB020	2.00	4.00	2.00	294.4	506.1	46.9	130.6	18.0	1.9	11.0	1.7	10.0	1.8	5.1	0.8	6.1	0.8	43.7	1079.0	Hardcap		
RRMRB020	4.00	6.00	2.00	241.6	480.3	35.6	99.4	13.7	1.4	8.2	1.4	8.3	1.6	5.0	0.7	5.5	0.8	42.0	945.5	Hardcap		
RRMRB020	6.00	8.00	2.00	263.9	301.0	37.8	103.5	13.4	1.4	8.4	1.4	8.4	1.7	4.9	0.8	5.4	0.8	46.7	799.4	Hardcap		
RRMRB020	8.00	10.00	2.00	219.9	287.4	31.4	87.7	12.6	1.3	8.5	1.5	8.9	1.8	5.5	0.9	6.2	0.9	52.7	727.4	Hardcap		
RRMRB020	10.00	11.00	1.00	140.7	167.1	22.7	66.7	10.6	1.1	7.6	1.3	8.0	1.6	4.9	0.8	5.3	0.8	46.1	485.2	Hardcap		
RRMRB020	11.00	13.00	2.00	124.9	100.9	20.1	62.2	11.4	1.0	9.0	1.5	9.8	2.0	6.0	0.9	6.3	0.9	60.2	417.0	Transition		
RRMRB020	13.00	14.00	1.00	76.0	101.5	15.6	49.7	9.1	0.7	6.5	1.1	6.8	1.4	4.4	0.7	5.0	0.7	42.2	321.4	Saprock		
RRMRB021	0.00	2.00	2.00	93.5	497.5	18.5	61.2	10.9	1.6	8.3	1.4	8.6	1.7	5.1	0.8	5.5	0.7	47.4	762.7	Hardcap		
RRMRB021	2.00	4.00	2.00	110.4	520.8	19.0	59.7	10.7	1.5	7.7	1.3	7.8	1.6	4.9	0.8	5.2	0.7	40.5	792.6	Hardcap		
RRMRB021	4.00	6.00	2.00	207.0	684.2	36.9	106.0	16.2	2.2	10.5	1.7	9.7	1.9	5.4	0.8	5.6	0.8	46.7	1135.6	Hardcap		
RRMRB021	6.00	8.00	2.00	123.7	690.4	29.1	102.9	20.4	3.2	16.1	2.6	14.9	3.0	8.4	1.2	8.0	1.2	86.2	1111.3	Transition		
RRMRB021	8.00	10.00	2.00	80.9	297.3	20.9	79.7	16.1	2.7	13.6	2.1	11.8	2.3	6.7	1.0	6.3	0.9	67.2	609.3	Clay		
RRMRB021	10.00	12.00	2.00	53.0	187.9	14.6	57.5	11.3	2.0	9.3	1.4	8.3	1.7	4.8	0.7	4.8	0.7	50.5	408.6	Clay		
RRMRB021	12.00	14.00	2.00	62.3	117.6	20.2	82.3	14.5	2.4	11.3	1.4	7.9	1.6	4.3	0.6	4.1	0.6	51.8	383.0	Clay		
RRMRB021	14.00	16.00	2.00	74.0	108.7	18.1	70.5	13.0	2.4	10.6	1.4	7.8	1.5	4.3	0.6	3.7	0.6	52.3	369.4	Upper Saprolite		
RRMRB021	16.00	18.00	2.00	86.9	120.6	22.8	87.4	16.7	3.1	14.3	1.9	10.6	2.1	5.5	0.8	4.7	0.7	71.5	449.7	Upper Saprolite		
RRMRB021	18.00	20.00	2.00	129.6	154.2	32.9	128.9	26.1	5.4	27.3	4.0	23.6	4.9	13.1	1.7	9.9	1.5	184.1	747.2	Lower Saprolite		
RRMRB021	20.00	21.00	1.00	93.6	173.2	23.7	90.9	17.2	3.5	15.7	2.2	12.3	2.4	6.5	0.9	5.4	0.8	88.6	537.0	Lower Saprolite	13.00	498
RRMRB022	0.00	2.00	2.00	191.2	1910.2	31.8	89.0	13.4	2.1	8.7	1.5	8.1	1.5	4.6	0.7	4.9	0.7	40.8	2309.2	Hardcap		
RRMRB022	2.00	3.00	1.00	105.3	1652.2	19.1	62.1	9.9	1.6	7.5	1.3	7.0	1.5	4.5	0.7	5.0	0.7	41.7	1919.9	Hardcap		
RRMRB022	3.00	4.00	1.00	114.3	988.9	21.3	71.7	11.3	1.9	8.6	1.4	8.0	1.7	5.2	0.8	5.5	0.8	47.0	1288.6	Transition		
RRMRB022	4.00	6.00	2.00	111.9	511.0	22.0	72.4	12.2	2.0	9.1	1.4	8.6	1.8	5.2	0.8	5.2	0.8	53.1	817.5	Clay		

RRMRB022	6.00	8.00	2.00	78.5	141.9	15.0	49.3	8.2	1.6	6.0	0.9	5.3	1.1	3.2	0.5	3.3	0.5	34.3	349.5	Clay		
RRMRB022	8.00	10.00	2.00	110.8	250.6	21.6	69.5	10.7	2.1	7.2	1.0	5.3	1.0	2.9	0.4	2.6	0.4	32.4	518.6	Clay		
RRMRB022	10.00	12.00	2.00	133.1	224.8	25.4	82.0	12.2	2.6	8.0	1.1	5.7	1.1	3.0	0.4	2.7	0.4	35.4	537.8	Clay		
RRMRB022	12.00	14.00	2.00	99.9	179.3	19.9	64.0	10.0	2.0	6.7	1.0	5.4	1.0	2.8	0.4	2.7	0.4	33.9	429.6	Clay		
RRMRB022	14.00	16.00	2.00	86.0	246.9	17.1	57.5	9.2	1.6	5.8	0.9	4.8	0.9	2.7	0.4	2.6	0.4	29.6	466.3	Clay	12.00	520
RRMRB022	16.00	17.00	1.00	77.4	134.5	14.7	48.9	7.5	1.5	4.7	0.6	3.3	0.6	1.6	0.2	1.6	0.3	20.7	318.0	Upper Saprolite		
RRMRB023	0.00	2.00	2.00	99.2	573.7	18.6	63.0	10.8	1.7	8.7	1.5	8.6	1.7	5.4	0.8	5.3	0.8	47.2	846.9	Hardcap		
RRMRB023	2.00	4.00	2.00	92.9	1351.2	20.0	68.2	12.2	1.9	9.4	1.6	8.5	1.8	5.5	0.9	5.9	0.9	46.1	1626.9	Hardcap		
RRMRB023	4.00	5.00	1.00	146.0	1510.9	34.6	121.9	22.8	3.5	17.0	2.9	15.0	3.2	9.5	1.3	9.3	1.3	78.1	1977.4	Transition		
RRMRB023	5.00	7.00	2.00	120.8	165.8	24.8	87.6	15.5	2.5	12.6	2.1	13.2	2.8	8.9	1.2	8.4	1.3	97.0	564.4	Clay		
RRMRB023	7.00	9.00	2.00	198.8	165.2	41.4	141.1	21.5	3.6	15.7	2.4	13.5	2.6	7.6	1.0	6.7	1.0	87.4	709.7	Clay		
RRMRB023	9.00	11.00	2.00	134.9	173.2	25.1	85.5	13.5	2.4	10.2	1.4	7.9	1.6	4.7	0.6	3.8	0.6	55.7	521.1	Lower Saprolite		
RRMRB023	11.00	13.00	2.00	92.9	169.5	17.4	61.2	9.6	1.9	7.5	1.0	6.3	1.2	3.8	0.5	3.1	0.5	47.7	424.1	Lower Saprolite		
RRMRB023	13.00	15.00	2.00	86.3	148.0	16.6	55.2	8.8	1.8	6.7	0.9	5.2	1.1	3.1	0.4	2.6	0.4	40.4	377.4	Lower Saprolite	10.00	519
RRMRB024	0.00	2.00	2.00	106.4	603.1	18.1	57.3	9.5	1.6	7.4	1.2	6.5	1.3	3.9	0.6	4.4	0.6	34.8	856.8	Hardcap		
RRMRB024	2.00	4.00	2.00	95.6	679.3	20.1	69.2	11.7	1.9	8.4	1.4	7.6	1.6	4.7	0.7	4.8	0.8	39.9	947.5	Hardcap		
RRMRB024	4.00	6.00	2.00	93.2	278.8	20.6	70.8	12.8	2.1	9.0	1.4	8.4	1.7	4.9	0.7	4.9	0.7	48.8	558.7	Clay		
RRMRB024	6.00	8.00	2.00	106.5	191.6	27.5	101.7	20.1	3.8	16.9	2.6	14.2	2.6	7.1	1.0	6.1	0.8	72.6	575.3	Upper Saprolite		
RRMRB024	8.00	10.00	2.00	84.3	175.7	20.8	79.7	15.2	2.8	12.6	2.0	11.4	2.3	6.7	0.9	5.9	0.9	74.9	496.2	Upper Saprolite		
RRMRB024	10.00	12.00	2.00	83.6	188.6	21.4	80.4	14.3	2.7	12.2	1.9	11.5	2.4	7.4	1.0	6.9	1.0	92.6	527.8	Upper Saprolite		
RRMRB024	12.00	14.00	2.00	80.0	178.1	19.1	70.7	12.8	2.4	9.8	1.5	8.9	1.8	5.0	0.7	4.6	0.7	64.4	460.5	Lower Saprolite	10.00	524
RRMRB024	14.00	16.00	2.00	66.5	148.0	16.1	58.0	10.8	2.0	9.0	1.3	7.5	1.5	4.4	0.6	4.0	0.6	46.0	376.2	Lower Saprolite		
RRMRB024	16.00	18.00	2.00	66.5	144.3	15.3	55.8	10.2	2.2	9.1	1.4	7.8	1.5	4.4	0.6	4.3	0.6	44.4	368.4	Saprock		
RRMRB025	0.00	2.00	2.00	87.4	469.2	16.6	55.1	10.2	1.6	8.2	1.4	7.8	1.6	5.1	0.7	5.2	0.8	44.8	715.8	Hardcap		
RRMRB025	2.00	4.00	2.00	91.0	515.9	16.9	56.8	9.6	1.6	7.4	1.2	6.7	1.4	4.3	0.7	4.6	0.7	38.6	757.4	Transition		
RRMRB025	4.00	6.00	2.00	83.0	179.3	16.3	56.0	9.8	1.9	8.5	1.4	8.4	1.7	5.2	0.8	5.4	0.8	47.6	426.3	Clay		
RRMRB025	6.00	8.00	2.00	101.1	127.1	22.2	79.8	15.4	3.5	14.5	2.3	12.7	2.5	7.0	1.0	6.9	1.0	64.3	461.4	Clay		
RRMRB025	8.00	9.00	1.00	71.1	97.7	17.0	64.9	13.5	2.8	12.6	2.1	11.6	2.3	6.3	0.9	6.3	0.9	59.6	369.4	Clay		
RRMRB025	9.00	11.00	2.00	45.2	80.2	12.9	54.6	10.9	2.6	11.4	1.8	10.4	2.1	6.1	0.8	5.5	0.8	58.3	303.6	Clay	7.00	393
RRMRB025	11.00	13.00	2.00	22.2	37.3	7.6	33.8	7.3	1.9	9.0	1.5	9.7	2.2	6.6	0.9	5.6	0.9	65.1	211.7	Upper Saprolite		
RRMRB025	13.00	15.00	2.00	22.8	40.9	6.7	28.0	5.9	1.7	7.8	1.3	8.4	2.0	6.0	0.8	5.3	0.8	71.7	210.2	Upper Saprolite		
RRMRB025	15.00	17.00	2.00	14.1	29.5	3.9	15.5	3.5	1.0	4.1	0.7	4.4	1.0	3.0	0.4	3.1	0.5	29.6	114.4	Lower Saprolite		
RRMRB025	17.00	19.00	2.00	21.9	47.5	5.6	23.1	5.5	1.6	6.3	1.0	5.6	1.2	3.3	0.5	3.5	0.5	31.4	158.6	Lower Saprolite		
RRMRB025	19.00	20.00	1.00	76.2	172.0	17.2	61.4	11.2	2.5	10.3	1.6	9.0	1.8	5.1	0.7	5.1	0.7	50.5	425.2	Lower Saprolite		
RRMRB026	0.00	2.00	2.00	75.8	125.3	16.1	57.3	9.9	1.7	9.0	1.4	7.8	1.7	5.2	0.8	5.2	0.8	49.0	366.8	Soil		
RRMRB026	2.00	4.00	2.00	46.9	296.0	9.6	32.5	5.6	0.9	4.7	0.8	4.6	1.0	3.2	0.5	3.5	0.6	27.7	438.1	Hardcap		
RRMRB026	4.00	6.00	2.00	57.3	422.6	10.3	34.9	6.5	0.9	5.1	0.9	4.7	1.0	3.2	0.5	3.9	0.6	27.2	579.5	Hardcap		
RRMRB026	6.00	8.00	2.00	267.4	172.6	37.3	119.0	17.8	3.0	13.8	1.9	10.4	2.0	5.6	0.8	5.0	0.8	57.0	714.3	Clay		
RRMRB026	8.00	10.00	2.00	289.7	185.5	60.4	205.9	33.5	6.0	27.8	4.1	22.0	4.5	12.6	1.7	10.4	1.5	146.7	1012.1	Upper Saprolite		
RRMRB026	10.00	12.00	2.00	171.8	192.2	42.5	155.1	26.0	4.9	22.5	3.3	18.3	3.6	10.1	1.4	8.7	1.3	112.5	774.3	Upper Saprolite	6.00	834
RRMRB026	12.00	14.00	2.00	106.7	175.7	27.9	108.1	21.3	4.4	22.4	3.5	20.8	4.4	12.3	1.6	10.0	1.5	149.2	669.8	Saprock		
RRMRB027	0.00	2.00	2.00	63.8	176.9	14.7	53.2	10.0	1.6	8.0	1.3	7.0	1.5	4.5	0.6	4.4	0.7	42.5	390.6	Hardcap		
RRMRB027	2.00	3.00	1.00	51.0	1240.7	11.3	39.5	7.1	1.1	5.1	1.0	5.0	1.0	3.3	0.5	3.4	0.5	28.2	1398.8	Transition		
RRMRB027	3.00	5.00	2.00	65.3	458.2	13.7	48.5	7.8	1.3	6.4	1.1	5.8	1.2	3.7	0.5	3.7	0.6	35.6	653.4	Clay		
RRMRB027	5.00	7.00	2.00	76.9	143.7	15.5	54.6	8.7	1.6	7.9	1.2	7.4	1.5	4.3	0.6	4.3	0.7	43.4	372.4	Clay	2.00	372.4
RRMRB027	7.00	9.00	2.00	53.6	62.8	10.8	39.3	6.2	1.3	5.6	0.8	4.9	1.0	3.0	0.4	2.8	0.4	29.7	222.8	Clay		

RRMRB027	9.00	11.00	2.00	37.4	72.5	7.7	27.1	4.5	0.8	3.7	0.6	3.3	0.6	1.8	0.3	1.8	0.3	19.6	181.8	Clay		
RRMRB027	11.00	13.00	2.00	38.0	90.3	8.2	28.8	4.7	1.0	4.2	0.6	3.2	0.6	2.0	0.3	1.7	0.3	19.4	203.2	Clay		
RRMRB027	13.00	15.00	2.00	40.3	91.9	9.4	33.6	5.8	1.4	4.1	0.6	3.2	0.6	1.8	0.2	1.7	0.3	18.9	213.9	Clay		
RRMRB027	15.00	17.00	2.00	45.0	96.1	10.6	37.2	6.3	1.5	5.3	0.7	3.8	0.7	2.3	0.3	2.0	0.3	22.4	234.5	Clay		
RRMRB027	17.00	19.00	2.00	50.9	104.4	11.6	40.7	7.1	1.5	5.1	0.7	3.9	0.7	2.0	0.3	2.0	0.3	22.7	253.9	Clay		
RRMRB027	19.00	21.00	2.00	67.3	125.9	15.9	56.9	9.7	1.9	7.2	1.0	4.9	0.9	2.3	0.3	2.2	0.3	25.9	322.6	Clay		
RRMRB027	21.00	23.00	2.00	47.0	84.8	10.2	37.3	6.7	1.6	5.5	0.7	4.1	0.8	2.1	0.3	2.0	0.3	26.3	229.8	Upper Saprolite		
RRMRB027	23.00	24.00	1.00	45.0	91.5	10.5	38.4	6.5	1.4	4.8	0.7	3.7	0.7	1.9	0.3	1.9	0.3	22.0	229.5	Upper Saprolite		
RRMRB028	0.00	2.00	2.00	62.0	211.3	14.4	52.0	10.2	1.6	7.8	1.3	7.2	1.5	4.7	0.7	4.7	0.7	45.0	425.2	Hardcap		
RRMRB028	2.00	4.00	2.00	48.9	447.1	11.2	40.0	7.4	1.3	5.6	1.0	5.6	1.2	3.6	0.6	3.8	0.6	31.7	609.7	Hardcap		
RRMRB028	4.00	5.00	1.00	61.1	899.2	13.8	47.2	8.8	1.7	6.8	1.2	6.7	1.3	4.0	0.6	4.3	0.6	32.4	1089.6	Hardcap		
RRMRB028	5.00	7.00	2.00	80.1	332.9	17.5	61.8	11.5	2.2	8.3	1.4	8.1	1.6	4.8	0.8	5.1	0.8	45.8	582.6	Clay		
RRMRB028	7.00	9.00	2.00	170.6	210.7	37.1	131.2	21.7	4.5	16.3	2.3	12.9	2.4	6.7	1.0	6.4	0.9	78.5	703.4	Clay		
RRMRB028	9.00	11.00	2.00	192.3	216.8	49.8	179.0	30.4	6.8	21.8	3.1	16.9	3.1	8.1	1.2	7.1	1.0	96.1	833.7	Clay		
RRMRB028	11.00	13.00	2.00	344.8	236.5	73.0	283.4	54.2	14.4	56.4	8.6	48.9	9.5	24.4	3.3	18.6	2.7	341.6	1520.2	Clay		
RRMRB028	13.00	15.00	2.00	111.3	191.0	25.4	100.0	18.5	5.1	17.5	2.5	13.4	2.6	6.8	1.0	5.5	0.7	94.6	595.9	Clay		
RRMRB028	15.00	17.00	2.00	75.4	145.0	18.8	71.9	13.3	3.7	11.1	1.6	8.5	1.6	4.2	0.6	3.5	0.5	53.7	413.3	Clay		
RRMRB028	17.00	19.00	2.00	87.1	183.6	22.5	84.2	16.0	4.1	12.4	1.8	9.7	1.7	4.6	0.7	3.9	0.5	53.6	486.6	Upper Saprolite		
RRMRB028	19.00	21.00	2.00	78.3	149.9	20.0	75.7	14.0	3.9	11.3	1.6	8.6	1.5	3.8	0.5	3.2	0.5	46.2	419.1	Upper Saprolite		
RRMRB028	21.00	23.00	2.00	63.3	167.7	16.7	64.6	11.8	3.4	9.5	1.4	7.6	1.4	3.7	0.5	2.9	0.4	40.6	395.5	Lower Saprolite	18.00	661
RRMRB028	23.00	24.00	1.00	79.3	172.6	20.2	76.2	14.0	4.0	10.9	1.5	8.1	1.5	4.0	0.5	3.2	0.5	45.1	441.5	Saprock		
RRMRB029	0.00	2.00	2.00	48.1	533.1	10.9	38.1	7.2	1.2	5.7	1.1	6.0	1.2	3.9	0.5	4.0	0.6	32.8	694.5	Hardcap		
RRMRB029	2.00	4.00	2.00	91.0	1167.0	21.1	74.3	13.6	2.4	10.8	1.8	9.4	1.8	5.4	0.7	5.3	0.8	45.8	1451.2	Hardcap		
RRMRB029	4.00	6.00	2.00	104.5	256.7	24.2	84.9	15.4	2.7	12.0	2.0	11.4	2.3	6.5	1.0	6.9	1.0	67.3	598.8	Clay		
RRMRB029	6.00	8.00	2.00	85.1	197.2	19.1	67.4	11.8	2.0	9.4	1.4	8.8	1.7	4.9	0.8	5.2	0.8	55.7	471.3	Clay	4.00	535
RRMRB029	8.00	10.00	2.00	41.8	105.3	9.8	35.0	6.1	1.2	5.2	0.8	4.8	0.9	2.8	0.5	3.0	0.5	31.5	248.9	Clay		
RRMRB029	10.00	12.00	2.00	46.7	72.6	10.9	39.2	7.1	1.4	5.3	0.8	4.9	1.0	2.8	0.5	3.3	0.5	33.3	230.1	Clay		
RRMRB030	0.00	2.00	2.00	59.8	105.2	12.6	44.9	8.1	1.5	7.4	1.2	7.0	1.5	4.7	0.7	4.7	0.7	44.3	304.2	Soil/Alluvium		
RRMRB030	2.00	4.00	2.00	49.0	231.6	10.7	39.0	7.1	1.3	6.2	1.1	6.2	1.3	4.4	0.6	4.5	0.7	35.7	399.2	Alluvium		
RRMRB030	4.00	5.00	1.00	54.7	1092.0	13.7	48.8	9.7	1.6	7.6	1.4	7.6	1.5	4.6	0.7	4.8	0.6	37.1	1286.5	Hardcap		
RRMRB030	5.00	7.00	2.00	107.7	183.6	17.9	58.8	9.8	1.7	8.6	1.3	7.8	1.6	4.9	0.7	4.9	0.8	49.7	459.7	Clay		
RRMRB030	7.00	9.00	2.00	231.6	254.3	49.8	172.6	29.7	5.2	24.1	3.8	22.4	4.7	13.2	1.9	11.4	1.7	161.9	988.4	Clay		
RRMRB030	9.00	11.00	2.00	133.7	194.7	32.7	119.0	20.6	3.8	19.2	2.8	17.5	3.8	10.6	1.5	8.8	1.3	128.3	698.2	Upper Saprolite		
RRMRB030	11.00	13.00	2.00	93.0	157.2	19.2	71.9	12.9	2.6	13.0	1.9	11.5	2.6	7.4	1.0	6.1	0.9	103.2	504.3	Lower Saprolite	8.00	663
RRMRB030	13.00	15.00	2.00	69.8	175.7	18.2	68.1	13.7	2.6	11.9	1.8	11.1	2.2	6.2	0.9	5.1	0.7	71.0	458.8	Saprock		
RRMRB031	0.00	2.00	2.00	65.1	264.1	13.4	47.6	8.2	1.2	7.1	1.2	6.9	1.5	4.8	0.7	4.8	0.7	45.1	472.5	Soil/Hardcap		
RRMRB031	2.00	4.00	2.00	92.8	996.2	19.8	70.5	11.8	1.8	9.3	1.6	8.6	1.8	5.4	0.8	5.6	0.8	48.3	1274.9	Hardcap		
RRMRB031	4.00	5.00	1.00	65.0	931.1	14.3	50.0	8.6	1.4	6.7	1.2	6.6	1.3	4.2	0.6	4.3	0.6	35.9	1131.9	Transition		
RRMRB031	5.00	7.00	2.00	112.0	271.5	23.7	84.0	12.8	2.1	9.6	1.5	7.9	1.6	4.9	0.7	4.5	0.7	50.3	587.7	Clay		
RRMRB031	7.00	9.00	2.00	383.5	375.9	75.3	250.8	39.5	6.4	28.9	4.0	22.0	4.2	10.9	1.5	9.0	1.3	137.8	1351.0	Clay		
RRMRB031	9.00	11.00	2.00	227.5	269.0	54.0	203.0	36.4	6.5	34.8	5.0	29.3	5.9	16.1	2.2	12.8	1.9	213.3	1117.8	Clay		
RRMRB031	11.00	13.00	2.00	129.0	288.7	29.2	104.3	17.8	3.1	14.2	2.1	11.7	2.2	6.0	0.8	5.2	0.8	73.9	689.0	Upper Saprolite		
RRMRB031	13.00	15.00	2.00	102.4	240.8	24.0	81.5	14.0	2.0	10.1	1.3	7.2	1.4	3.8	0.5	3.3	0.5	42.5	535.2	Lower Saprolite	10.00	856
RRMRB032	0.00	2.00	2.00	65.7	353.8	15.0	54.8	10.3	1.7	9.2	1.5	8.2	1.7	5.1	0.7	5.1	0.8	48.9	582.5	Hardcap		
RRMRB032	2.00	4.00	2.00	66.6	1222.3	16.3	58.1	10.9	1.7	7.9	1.4	7.7	1.5	4.8	0.7	4.9	0.7	39.6	1445.1	Hardcap		
RRMRB032	4.00	6.00	2.00	88.2	970.4	21.7	77.2	14.4	2.3	10.5	1.8	10.4	2.1	6.5	1.0	6.5	1.0	55.5	1269.4	Transition		

RRMRB032	6.00	8.00	2.00	74.7	261.6	18.5	64.5	12.1	2.2	10.6	1.7	10.4	2.2	6.3	0.9	6.4	0.9	62.6	535.7	Transition		
RRMRB032	8.00	10.00	2.00	76.9	98.6	18.4	67.8	12.8	2.3	11.4	1.8	10.8	2.2	6.5	1.0	6.2	0.9	60.1	377.7	Clay		
RRMRB032	10.00	12.00	2.00	69.2	43.7	16.1	60.1	11.5	2.2	10.4	1.5	9.6	1.8	5.5	0.8	5.2	0.8	54.9	293.3	Clay		
RRMRB032	12.00	14.00	2.00	45.0	18.5	10.4	40.4	8.2	2.0	9.1	1.4	8.7	1.7	5.4	0.8	5.1	0.7	53.8	211.5	Clay		
RRMRB032	14.00	16.00	2.00	50.9	23.5	11.0	43.4	9.3	2.4	10.7	1.7	11.4	2.4	7.3	1.0	6.1	0.9	74.7	256.6	Clay		
RRMRB032	16.00	18.00	2.00	42.7	25.2	9.6	37.9	9.1	2.6	11.4	1.9	12.3	2.6	7.4	1.1	6.5	0.9	82.9	254.1	Upper Saprolite		
RRMRB032	18.00	20.00	2.00	42.3	30.7	9.3	40.4	10.2	2.8	13.6	2.3	14.2	3.0	8.7	1.2	7.5	1.1	98.4	285.9	Upper Saprolite		
RRMRB032	20.00	22.00	2.00	30.6	66.0	8.1	35.1	9.3	2.4	11.4	2.0	12.2	2.6	7.6	1.0	6.8	1.0	80.8	276.8	Lower Saprolite	14.00	279
RRMRB032	22.00	24.00	2.00	17.9	33.4	4.8	20.8	5.6	1.4	7.1	1.2	7.3	1.5	4.6	0.6	4.0	0.6	51.6	162.5	Lower Saprolite		
RRMRB033	0.00	1.00	1.00	173.6	348.9	30.0	93.0	13.8	2.5	9.8	1.5	8.0	1.5	4.4	0.6	4.3	0.6	40.8	733.1	Hardcap		
RRMRB033	1.00	3.00	2.00	83.6	206.4	16.7	56.0	9.4	1.8	7.2	1.2	6.8	1.4	3.9	0.6	4.1	0.5	39.4	438.9	Transition		
RRMRB033	3.00	5.00	2.00	41.4	146.2	9.3	33.1	5.5	1.0	4.5	0.7	4.2	0.8	2.5	0.4	2.5	0.3	24.5	276.9	Clay		
RRMRB033	5.00	7.00	2.00	35.9	98.0	8.3	30.3	5.2	1.1	4.4	0.7	4.1	0.8	2.3	0.4	2.3	0.3	22.4	216.4	Clay		
RRMRB033	7.00	9.00	2.00	57.2	93.4	8.9	30.0	5.0	1.1	4.2	0.6	3.6	0.7	2.1	0.3	2.0	0.3	20.2	229.7	Clay		
RRMRB033	9.00	11.00	2.00	71.1	81.8	12.9	42.8	6.6	1.3	4.9	0.7	3.8	0.7	2.1	0.3	2.1	0.3	21.2	252.7	Clay		
RRMRB033	11.00	13.00	2.00	36.6	83.0	8.8	32.2	5.6	1.3	4.6	0.6	3.5	0.7	2.1	0.3	1.9	0.3	21.5	202.9	Clay		
RRMRB033	13.00	15.00	2.00	34.8	60.3	9.3	35.7	6.5	1.6	5.0	0.7	3.8	0.8	2.3	0.3	1.9	0.3	23.1	186.5	Clay		
RRMRB033	15.00	17.00	2.00	40.9	80.3	10.0	37.4	6.6	1.5	5.3	0.7	4.1	0.8	2.1	0.4	2.1	0.3	24.0	216.7	Clay		
RRMRB033	17.00	19.00	2.00	35.7	88.6	8.5	31.6	5.6	1.3	4.4	0.6	3.5	0.7	2.0	0.3	1.7	0.3	20.4	205.2	Clay		
RRMRB033	19.00	21.00	2.00	40.0	73.3	9.6	35.3	6.2	1.5	5.1	0.7	4.0	0.8	2.3	0.3	2.1	0.3	23.4	205.0	Clay		
RRMRB033	21.00	23.00	2.00	41.6	80.2	9.6	35.5	6.1	1.4	5.1	0.7	3.7	0.7	2.0	0.3	1.9	0.3	22.2	211.4	Clay		
RRMRB033	23.00	24.00	1.00	40.6	79.5	9.3	34.4	6.2	1.4	4.8	0.7	3.7	0.7	1.9	0.3	1.9	0.3	21.1	206.7	Clay		
RRMRB034	0.00	2.00	2.00	92.3	610.5	17.8	57.3	9.2	1.7	7.7	1.2	6.4	1.2	3.5	0.5	3.8	0.5	35.3	848.9	Hardcap		
RRMRB034	2.00	4.00	2.00	51.3	318.2	11.0	37.6	6.4	1.1	4.9	0.8	4.5	0.9	2.9	0.4	2.8	0.4	29.6	472.9	Transition		
RRMRB034	4.00	6.00	2.00	35.2	50.5	7.3	25.5	4.3	0.8	3.9	0.6	3.5	0.7	2.1	0.4	2.4	0.4	22.9	160.3	Clay		
RRMRB034	6.00	8.00	2.00	33.0	46.3	7.1	25.3	4.3	0.8	3.6	0.6	3.4	0.7	2.2	0.3	2.1	0.3	21.8	151.7	Clay		
RRMRB034	8.00	10.00	2.00	33.8	65.8	7.6	27.8	4.6	1.0	3.8	0.6	3.2	0.6	1.9	0.3	2.0	0.3	20.1	173.5	Clay		
RRMRB034	10.00	12.00	2.00	35.3	84.3	7.7	27.5	4.6	1.0	3.9	0.6	3.2	0.6	1.9	0.3	1.7	0.3	18.8	191.6	Clay		
RRMRB034	12.00	14.00	2.00	31.1	74.9	7.0	25.2	4.4	1.0	3.4	0.5	2.7	0.5	1.7	0.2	1.7	0.2	16.5	171.1	Clay		
RRMRB034	14.00	15.00	1.00	36.6	66.6	8.8	32.8	5.5	1.3	4.3	0.6	3.2	0.6	1.8	0.3	1.8	0.3	18.4	182.8	Clay		
RRMRB035	0.00	2.00	2.00	86.9	818.1	16.3	52.1	8.9	1.6	6.8	1.2	6.4	1.2	3.6	0.6	3.8	0.5	32.4	1040.4	Hardcap		
RRMRB035	2.00	4.00	2.00	57.7	398.0	11.0	36.9	6.1	1.0	4.8	0.8	4.9	1.0	3.0	0.5	3.1	0.4	29.7	558.9	Watercourse		
RRMRB035	4.00	6.00	2.00	48.3	113.1	10.4	36.6	6.5	1.1	5.5	0.8	5.0	0.9	2.9	0.4	3.0	0.4	30.0	265.2	Clay		
RRMRB035	6.00	8.00	2.00	37.2	88.0	8.7	32.1	5.3	1.0	4.4	0.7	3.9	0.8	2.3	0.4	2.3	0.4	24.0	211.3	Clay		
RRMRB035	8.00	10.00	2.00	39.5	98.6	8.6	32.2	5.1	1.2	4.2	0.6	3.4	0.7	2.0	0.3	1.9	0.3	20.8	219.4	Clay		
RRMRB035	10.00	12.00	2.00	30.4	94.5	7.6	28.1	4.9	1.1	3.9	0.5	3.2	0.6	1.8	0.3	1.8	0.2	18.8	197.7	Clay		
RRMRB035	12.00	14.00	2.00	32.7	138.8	7.7	28.9	4.9	1.0	3.6	0.5	3.3	0.6	1.8	0.3	1.9	0.3	18.5	244.9	Clay		
RRMRB035	14.00	16.00	2.00	29.2	114.7	7.4	26.0	4.7	1.0	3.3	0.5	2.7	0.5	1.6	0.2	1.6	0.2	15.6	209.4	Clay		
RRMRB035	16.00	17.00	1.00	33.8	102.2	7.5	25.7	4.6	0.9	3.3	0.5	2.7	0.5	1.4	0.2	1.5	0.2	16.0	201.0	Saprock		
RRMRB036	0.00	2.00	2.00	115.3	662.1	18.7	56.3	8.2	1.4	5.7	1.0	5.2	1.0	3.0	0.4	3.1	0.4	25.8	907.7	Hardcap		
RRMRB036	2.00	4.00	2.00	136.0	662.1	21.8	66.1	9.3	1.8	6.8	1.1	6.1	1.1	3.5	0.6	3.5	0.5	31.6	952.1	Hardcap		
RRMRB036	4.00	6.00	2.00	334.2	486.4	74.2	249.6	41.6	7.6	31.7	4.4	24.7	4.4	11.7	1.6	10.2	1.4	141.0	1424.8	Clay		
RRMRB036	6.00	8.00	2.00	248.6	313.2	76.0	271.8	48.1	9.1	38.7	5.5	30.6	5.7	15.5	2.1	13.2	1.8	196.8	1276.9	Clay		
RRMRB036	8.00	10.00	2.00	279.1	449.6	56.4	205.3	35.4	6.9	32.3	4.6	26.1	5.0	13.9	1.8	11.1	1.6	175.9	1305.0	Clay		
RRMRB036	10.00	11.00	1.00	141.3	267.8	37.5	137.1	25.2	4.7	20.2	2.9	16.2	3.0	8.5	1.2	7.4	1.1	98.3	772.1	Clay		
RRMRB036	11.00	13.00	2.00	74.8	137.6	21.5	78.3	13.5	2.6	9.9	1.3	6.8	1.2	3.3	0.4	2.9	0.4	34.4	389.0	Clay		

RRMRB036	13.00	15.00	2.00	116.8	230.3	27.1	94.6	16.0	3.2	13.5	1.9	11.0	2.0	5.8	0.8	5.5	0.8	65.1	594.4	Clay		
RRMRB036	15.00	16.00	1.00	85.0	155.4	21.0	79.2	15.6	3.4	15.6	2.3	13.5	2.6	7.2	0.9	5.7	0.8	83.3	491.4	Clay	12.00	937
RRMRB036	16.00	17.00	1.00	38.6	71.6	8.3	28.3	4.7	1.2	3.9	0.5	3.1	0.5	1.5	0.2	1.5	0.2	17.5	181.7	Clay		
RRMRB036	17.00	19.00	2.00	61.6	125.3	12.4	43.3	7.2	1.5	6.2	0.9	5.7	1.1	3.2	0.5	3.2	0.5	38.9	311.4	Clay		
RRMRB036	19.00	21.00	2.00	70.0	157.8	14.7	48.9	8.1	1.7	6.9	1.0	5.8	1.2	3.4	0.5	3.3	0.5	40.8	364.5	Upper Saprolite	2.00	364.5
RRMRB036	21.00	22.00	1.00	50.9	102.8	10.6	35.8	6.1	1.2	5.0	0.7	4.2	0.9	2.7	0.4	2.9	0.4	30.7	255.5	Upper Saprolite		
RRMRB036	22.00	24.00	2.00	75.5	171.4	16.1	55.8	9.6	1.9	8.1	1.2	6.6	1.3	3.7	0.5	3.2	0.4	41.3	396.5	Lower Saprolite	2.00	396.5
RRMRB037	0.00	2.00	2.00	65.9	765.3	12.9	43.3	7.1	1.3	5.6	1.0	5.7	1.1	3.5	0.5	3.7	0.6	33.3	950.8	Hardcap		
RRMRB037	2.00	4.00	2.00	83.5	459.4	16.8	57.0	9.1	1.6	7.4	1.2	7.1	1.4	4.4	0.6	4.5	0.7	44.2	699.0	Hardcap		
RRMRB037	4.00	6.00	2.00	68.6	226.6	14.2	47.0	7.5	1.4	6.4	0.9	5.7	1.1	3.3	0.5	3.5	0.6	37.8	425.2	Clay		
RRMRB037	6.00	8.00	2.00	41.0	98.0	8.8	29.5	5.1	0.9	4.4	0.7	4.0	0.8	2.4	0.4	2.5	0.4	26.3	225.2	Clay		
RRMRB037	8.00	10.00	2.00	32.0	102.6	7.2	24.6	4.2	0.8	3.6	0.6	3.5	0.7	2.1	0.3	2.1	0.3	23.1	207.9	Clay		
RRMRB037	10.00	12.00	2.00	36.2	90.8	8.3	28.7	4.7	0.9	3.9	0.6	3.8	0.8	2.2	0.3	2.3	0.3	24.5	208.5	Clay		
RRMRB037	12.00	14.00	2.00	51.1	105.5	11.6	40.6	6.5	1.4	5.0	0.7	4.0	0.7	2.1	0.3	2.1	0.3	23.6	255.5	Clay		
RRMRB037	14.00	16.00	2.00	43.4	93.0	10.1	34.6	5.9	1.2	4.8	0.6	3.6	0.7	1.8	0.3	1.8	0.3	22.0	224.1	Clay		
RRMRB037	16.00	18.00	2.00	42.0	85.0	9.8	33.4	5.5	1.3	4.4	0.6	3.2	0.6	1.8	0.3	1.8	0.3	20.4	210.3	Clay		
RRMRB037	18.00	20.00	2.00	39.2	68.8	9.1	32.4	5.2	1.2	4.0	0.6	3.2	0.6	1.9	0.3	1.7	0.3	19.9	188.3	Clay		
RRMRB037	20.00	22.00	2.00	43.3	77.1	10.1	34.8	5.8	1.3	4.6	0.6	3.5	0.6	2.0	0.3	1.8	0.3	21.5	207.5	Clay		
RRMRB037	22.00	24.00	2.00	45.7	68.4	10.6	37.2	6.1	1.4	4.7	0.7	3.8	0.7	2.0	0.3	2.0	0.3	22.6	206.4	Clay		
RRMRB038	0.00	2.00	2.00	72.6	411.5	13.8	46.0	8.0	1.4	6.2	1.1	5.7	1.2	3.6	0.6	3.7	0.5	32.6	608.4	Hardcap		
RRMRB038	2.00	4.00	2.00	136.0	925.0	24.3	77.1	13.5	2.3	8.4	1.6	8.3	1.6	4.7	0.7	5.0	0.7	38.1	1247.2	Hardcap		
RRMRB038	4.00	5.00	1.00	177.7	1030.6	30.3	93.1	14.8	2.6	9.6	1.7	8.7	1.7	5.1	0.8	5.3	0.8	40.3	1422.9	Transition		
RRMRB038	5.00	7.00	2.00	62.6	242.6	12.1	38.5	6.5	1.2	5.4	0.8	5.0	0.9	2.9	0.4	3.1	0.4	29.1	411.5	Clay		
RRMRB038	7.00	9.00	2.00	44.3	198.4	10.2	34.9	6.1	1.1	5.1	0.8	4.5	1.0	2.8	0.4	2.8	0.4	30.5	343.3	Clay		
RRMRB038	9.00	11.00	2.00	41.8	101.2	10.1	35.8	5.7	1.2	5.2	0.8	4.7	0.9	2.8	0.4	2.8	0.4	30.2	244.0	Clay		
RRMRB038	11.00	13.00	2.00	50.0	120.8	12.3	41.5	7.2	1.2	5.8	0.8	4.7	0.9	2.6	0.4	2.7	0.4	29.5	280.7	Clay		
RRMRB038	13.00	15.00	2.00	75.8	151.7	18.2	59.3	10.6	1.4	7.5	1.1	5.7	1.0	2.8	0.4	2.8	0.4	33.0	371.7	Clay		
RRMRB038	15.00	17.00	2.00	91.5	199.6	22.7	74.1	13.5	1.5	9.3	1.3	6.6	1.2	3.2	0.5	3.0	0.5	37.5	466.0	Clay		
RRMRB038	17.00	19.00	2.00	103.3	180.6	26.3	86.2	15.9	1.8	10.8	1.5	7.1	1.2	3.6	0.5	3.3	0.5	38.6	481.3	Upper Saprolite	6.00	440
RRMRB038	19.00	21.00	2.00	99.5	159.1	25.5	83.0	15.3	1.8	10.2	1.4	7.2	1.2	3.4	0.5	3.2	0.5	39.2	451.0	Saprock		
RRMRB039	0.00	2.00	2.00	59.0	610.5	11.6	39.3	7.6	1.3	5.7	1.0	5.8	1.2	3.5	0.6	3.8	0.6	31.0	782.4	Hardcap		
RRMRB039	2.00	4.00	2.00	84.9	987.6	18.9	63.8	11.3	1.9	8.3	1.6	8.3	1.6	4.9	0.8	5.2	0.7	43.3	1243.1	Hardcap		
RRMRB039	4.00	6.00	2.00	91.6	190.4	20.3	69.8	12.3	2.1	9.8	1.5	8.6	1.7	5.1	0.7	4.7	0.7	55.4	474.8	Clay		
RRMRB039	6.00	8.00	2.00	81.9	96.9	20.9	75.0	12.9	2.3	9.3	1.3	7.3	1.5	4.1	0.6	3.7	0.6	45.3	363.5	Clay		
RRMRB039	8.00	10.00	2.00	78.6	84.4	19.4	69.4	12.2	2.4	8.7	1.2	6.2	1.2	3.3	0.5	2.9	0.4	36.8	327.5	Clay	6.00	389
RRMRB039	10.00	12.00	2.00	52.2	91.3	11.8	41.8	7.7	1.6	6.2	0.9	4.8	0.9	2.7	0.4	2.3	0.4	29.8	254.7	Clay		
RRMRB039	12.00	14.00	2.00	48.9	92.1	11.2	39.2	7.4	1.7	6.5	1.0	6.2	1.3	3.9	0.6	3.5	0.6	46.4	270.5	Clay		
RRMRB039	14.00	16.00	2.00	44.3	79.6	10.3	37.1	7.0	1.6	5.8	0.9	4.6	0.9	2.5	0.4	2.2	0.4	29.0	226.5	Clay		
RRMRB039	16.00	18.00	2.00	41.3	77.0	9.7	35.7	7.1	1.7	6.3	1.0	6.1	1.2	3.5	0.5	3.1	0.5	39.6	234.2	Clay		
RRMRB039	18.00	20.00	2.00	42.1	78.6	9.8	35.2	6.7	1.6	5.5	0.8	4.4	0.8	2.6	0.4	2.2	0.4	27.7	218.6	Clay		
RRMRB039	20.00	22.00	2.00	37.6	71.7	9.0	32.3	6.3	1.3	5.1	0.7	3.9	0.8	2.2	0.3	2.1	0.3	25.0	198.7	Clay		
RRMRB039	22.00	24.00	2.00	52.3	81.4	12.1	41.6	7.4	1.7	6.1	0.8	4.7	1.0	2.7	0.4	2.4	0.4	30.9	245.9	Clay		
RRMRB040	0.00	2.00	2.00	54.2	310.8	12.4	43.0	7.9	1.5	6.3	1.1	6.2	1.2	3.8	0.6	3.9	0.6	33.9	487.5	Hardcap		
RRMRB040	2.00	4.00	2.00	86.1	800.9	20.6	71.3	12.7	2.4	9.7	1.6	8.8	1.7	5.2	0.8	5.2	0.8	42.5	1070.2	Hardcap		
RRMRB040	4.00	6.00	2.00	52.0	115.0	11.3	38.5	6.8	1.2	5.4	0.8	5.0	1.0	3.0	0.4	3.0	0.5	32.1	276.0	Clay		
RRMRB040	6.00	8.00	2.00	62.0	100.2	13.5	46.9	8.1	1.6	6.7	1.0	5.6	1.1	3.2	0.5	3.2	0.5	36.4	290.7	Clay		

RRMRB040	8.00	10.00	2.00	52.2	61.2	11.7	41.2	7.5	1.6	5.9	0.8	4.7	0.9	2.7	0.4	2.6	0.4	30.2	224.0	Clay		
RRMRB040	10.00	12.00	2.00	62.3	78.1	14.0	50.0	9.0	1.9	6.7	0.9	5.0	1.0	3.0	0.4	2.7	0.4	33.1	268.8	Clay		
RRMRB040	12.00	14.00	2.00	54.3	105.8	12.5	45.0	8.1	1.7	5.9	0.8	4.5	0.9	2.5	0.4	2.4	0.4	29.5	274.8	Clay		
RRMRB040	14.00	16.00	2.00	53.8	86.8	12.7	45.7	8.5	1.8	6.4	0.8	4.5	0.9	2.6	0.4	2.3	0.4	29.0	256.6	Clay		
RRMRB040	16.00	17.00	1.00	55.0	83.3	12.6	44.0	8.3	1.9	6.1	0.8	4.6	0.9	2.6	0.4	2.4	0.4	29.0	252.3	Clay		
RRMRB041	0.00	2.00	2.00	69.8	211.9	13.2	42.2	7.1	1.3	4.8	0.8	5.0	1.0	3.2	0.5	3.3	0.5	25.8	390.4	Hardcap		
RRMRB041	2.00	4.00	2.00	97.8	621.6	16.7	51.6	8.3	1.3	5.7	1.0	5.8	1.1	3.7	0.6	3.8	0.6	29.8	849.3	Hardcap		
RRMRB041	4.00	5.00	1.00	130.2	776.3	21.0	63.6	9.5	1.6	6.5	1.2	6.0	1.2	3.7	0.6	4.0	0.6	33.7	1059.6	Transition		
RRMRB041	5.00	7.00	2.00	67.6	309.6	14.0	46.2	7.6	1.3	6.0	1.0	5.9	1.2	3.9	0.7	4.4	0.7	40.8	510.7	Clay		
RRMRB041	7.00	9.00	2.00	91.6	389.4	22.2	74.2	12.6	2.0	8.9	1.3	7.5	1.5	4.6	0.7	4.7	0.8	47.5	669.6	Clay		
RRMRB041	9.00	11.00	2.00	174.7	364.8	46.6	152.2	26.7	4.4	16.4	2.2	11.8	2.1	6.1	0.9	6.0	0.9	56.5	872.4	Clay		
RRMRB041	11.00	12.00	1.00	144.8	502.4	41.0	137.1	23.5	3.9	15.0	2.1	11.0	2.1	5.7	0.9	5.6	0.9	58.3	954.3	Clay	7.00	723
RRMRB042	0.00	2.00	2.00	51.6	1119.1	11.1	36.5	7.0	1.1	5.3	1.0	5.5	1.1	3.3	0.5	3.7	0.5	28.4	1275.8	Hardcap		
RRMRB042	2.00	4.00	2.00	53.2	843.9	11.3	37.1	6.6	1.0	5.2	0.9	5.4	1.1	3.3	0.5	3.6	0.5	30.4	1004.1	Hardcap		
RRMRB042	4.00	6.00	2.00	101.2	95.4	21.7	75.3	12.8	2.0	9.5	1.3	7.1	1.4	3.9	0.6	3.7	0.6	46.7	383.3	Clay	2.00	383.3
RRMRB042	6.00	8.00	2.00	36.2	63.9	9.2	32.7	7.6	0.8	5.6	0.8	4.5	0.8	2.3	0.3	2.3	0.4	27.4	194.9	Upper Saprolite		
RRMRB042	8.00	10.00	2.00	29.7	63.9	7.7	27.5	6.2	0.8	4.5	0.7	3.7	0.7	2.0	0.3	1.8	0.3	22.9	172.6	Lower Saprolite		
RRMRB042	10.00	12.00	2.00	34.5	68.8	9.5	33.6	7.1	1.2	5.3	0.8	4.1	0.8	2.3	0.3	2.3	0.3	27.0	197.9	Lower Saprolite		
RRMRB043	0.00	2.00	2.00	73.9	198.4	18.0	64.4	12.5	2.0	10.2	1.7	9.1	1.9	5.6	0.8	5.3	0.8	55.6	460.2	Soil		
RRMRB043	2.00	4.00	2.00	54.8	470.5	12.8	45.0	8.2	1.4	6.5	1.2	6.6	1.3	4.0	0.6	4.2	0.7	36.2	653.9	Hardcap		
RRMRB043	4.00	6.00	2.00	96.5	938.5	22.9	80.5	14.3	2.5	11.5	1.9	10.7	2.2	6.4	0.9	6.6	0.9	59.2	1255.4	Transition		
RRMRB043	6.00	8.00	2.00	75.1	150.5	16.3	55.1	9.8	1.7	8.5	1.3	7.9	1.6	4.6	0.7	4.6	0.7	46.2	384.5	Clay	2.00	384.5
RRMRB043	8.00	10.00	2.00	50.0	94.3	9.7	32.2	5.7	1.0	4.6	0.7	4.2	0.8	2.3	0.4	2.5	0.4	25.0	233.8	Clay		
RRMRB043	10.00	12.00	2.00	63.8	130.2	12.4	40.6	7.0	1.2	5.1	0.7	4.2	0.8	2.4	0.3	2.4	0.3	24.5	296.0	Clay		
RRMRB043	12.00	14.00	2.00	53.7	102.9	11.6	38.4	6.7	1.2	5.1	0.7	4.0	0.8	2.3	0.3	2.2	0.3	24.0	254.1	Clay		
RRMRB043	14.00	16.00	2.00	51.7	96.6	11.2	38.5	6.8	1.3	5.2	0.7	4.0	0.8	2.4	0.4	2.5	0.4	25.0	247.5	Upper Saprolite		
RRMRB044	0.00	2.00	2.00	20.5	76.0	4.7	16.8	3.3	0.4	2.9	0.5	3.3	0.7	2.3	0.4	2.6	0.4	22.9	157.8	Soil		
RRMRB044	2.00	4.00	2.00	21.6	60.7	4.8	16.8	3.6	0.5	3.1	0.6	3.8	0.8	2.5	0.4	2.8	0.4	23.6	146.1	Hardcap		
RRMRB044	4.00	6.00	2.00	15.6	34.6	3.6	13.5	2.9	0.4	2.7	0.5	3.4	0.7	2.5	0.4	2.8	0.4	22.7	107.0	Hardcap		
RRMRB044	6.00	8.00	2.00	12.9	30.1	3.0	10.5	2.5	0.3	2.6	0.5	3.4	0.7	2.3	0.4	2.7	0.4	22.4	94.6	Lower Saprolite		
RRMRB044	8.00	9.00	1.00	17.0	35.6	3.8	13.1	2.8	0.4	2.7	0.5	3.3	0.7	2.1	0.3	2.5	0.4	20.2	105.3	Lower Saprolite		
RRMRB045	0.00	2.00	2.00	55.7	576.1	12.6	43.7	8.2	1.3	6.6	1.2	6.6	1.4	4.3	0.7	4.5	0.7	39.7	763.3	Hardcap		
RRMRB045	2.00	4.00	2.00	42.7	590.9	9.3	32.3	5.9	0.9	4.9	0.9	5.4	1.2	3.6	0.6	4.0	0.6	31.9	734.9	Hardcap		
RRMRB045	4.00	6.00	2.00	43.9	135.1	8.2	27.2	5.0	0.6	4.0	0.7	4.3	0.9	2.8	0.5	3.6	0.5	26.4	263.8	Clay		
RRMRB045	6.00	8.00	2.00	41.8	81.7	7.1	22.4	3.9	0.5	3.6	0.7	4.8	1.0	3.3	0.5	4.1	0.6	32.9	208.9	Clay		
RRMRB045	8.00	10.00	2.00	61.9	140.7	12.1	38.4	6.3	0.5	4.9	0.8	5.3	1.1	3.6	0.6	4.0	0.6	34.5	315.4	Clay		
RRMRB045	10.00	12.00	2.00	48.4	78.2	12.1	40.7	8.4	0.8	6.7	1.1	7.1	1.5	4.5	0.7	4.9	0.7	43.8	259.6	Clay		
RRMRB045	12.00	14.00	2.00	85.7	136.4	19.6	64.7	12.0	1.1	8.7	1.3	8.0	1.6	4.6	0.7	4.8	0.7	48.3	398.2	Upper Saprolite		
RRMRB045	14.00	16.00	2.00	79.2	133.9	19.0	63.5	12.1	1.1	9.6	1.5	9.0	1.8	5.8	0.9	6.0	0.9	56.1	400.2	Lower Saprolite	4.00	399
RRMRB046	0.00	2.00	2.00	64.6	857.4	13.0	45.1	7.6	1.4	6.2	1.1	6.2	1.2	3.9	0.6	3.9	0.6	36.6	1049.4	Hardcap		
RRMRB046	2.00	4.00	2.00	191.2	711.2	26.8	82.9	13.1	2.2	10.1	1.4	8.3	1.7	5.1	0.7	4.8	0.7	53.8	1114.2	Transition		
RRMRB046	4.00	6.00	2.00	364.7	549.1	80.5	278.8	49.1	8.4	41.0	5.7	32.8	6.5	18.5	2.5	15.1	2.2	208.3	1663.2	Clay		
RRMRB046	6.00	8.00	2.00	119.0	220.5	26.1	91.3	17.2	3.1	15.1	2.1	12.7	2.7	7.9	1.1	6.9	1.0	100.3	627.1	Lower Saprolite		
RRMRB046	8.00	10.00	2.00	62.4	148.6	14.6	51.1	10.0	1.8	7.6	1.1	6.5	1.3	3.8	0.6	3.7	0.5	39.2	353.0	Lower Saprolite	6.00	881
RRMRB047	0.00	2.00	2.00	77.1	474.2	14.3	45.8	8.4	1.5	6.5	1.2	6.8	1.3	4.0	0.7	4.4	0.6	33.9	680.8	Hardcap		
RRMRB047	2.00	3.00	1.00	124.9	1003.6	22.2	69.6	11.1	2.0	7.8	1.4	7.3	1.4	4.4	0.6	4.6	0.6	37.0	1298.6	Hardcap		

RRMRB047	3.00	5.00	2.00	127.8	254.3	28.5	94.1	16.6	2.7	11.6	1.6	9.4	1.8	5.3	0.8	5.3	0.8	54.2	615.0	Clay		
RRMRB047	5.00	7.00	2.00	103.4	227.9	28.9	108.6	22.9	4.3	19.1	2.7	15.1	2.9	8.0	1.1	7.2	1.0	83.1	636.1	Clay		
RRMRB047	7.00	9.00	2.00	107.5	238.9	38.5	164.5	35.3	6.8	38.2	5.6	33.9	7.2	20.7	2.7	16.9	2.4	240.6	959.5	Clay		
RRMRB047	9.00	11.00	2.00	72.6	167.1	17.2	61.5	11.7	2.2	9.9	1.4	8.1	1.7	4.9	0.7	4.4	0.6	64.8	428.8	Upper Saprolite		
RRMRB047	11.00	13.00	2.00	87.4	213.1	20.9	72.9	13.6	2.6	10.4	1.4	8.1	1.5	4.3	0.6	3.9	0.6	45.2	486.5	Lower Saprolite		
RRMRB047	13.00	15.00	2.00	78.5	184.3	18.9	66.7	12.6	2.3	10.2	1.4	8.2	1.5	4.6	0.6	4.3	0.6	49.1	443.9	Lower Saprolite	12.00	595
RRMRB048	0.00	2.00	2.00	46.8	85.7	9.3	32.3	5.8	0.9	5.1	0.9	5.5	1.2	3.6	0.6	4.0	0.6	36.8	239.1	Soil		
RRMRB048	2.00	4.00	2.00	56.1	127.8	11.8	41.2	7.4	1.2	6.1	1.1	6.9	1.5	4.3	0.7	4.7	0.7	42.0	313.4	Hardcap		
RRMRB048	4.00	5.00	1.00	29.0	134.5	6.8	24.8	5.0	0.9	4.2	0.7	4.5	1.0	2.8	0.5	3.1	0.5	24.6	242.8	Hardcap		
RRMRB048	5.00	7.00	2.00	194.1	296.0	43.3	149.3	27.1	4.6	22.5	3.2	18.7	3.7	10.7	1.5	9.3	1.4	123.6	909.0	Clay		
RRMRB048	7.00	9.00	2.00	198.2	265.3	42.6	147.0	25.6	4.3	21.5	2.9	16.8	3.4	9.6	1.3	8.0	1.2	121.8	869.6	Upper Saprolite		
RRMRB048	9.00	10.00	1.00	171.2	245.7	37.0	127.7	22.6	3.9	19.6	2.7	16.0	3.3	9.6	1.3	8.3	1.3	112.8	782.8	Lower Saprolite	5.00	868
RRMRB049	0.00	2.00	2.00	69.4	91.5	14.5	50.3	9.0	1.4	7.8	1.3	7.9	1.7	5.2	0.8	5.5	0.8	52.4	319.6	Soil		
RRMRB049	2.00	4.00	2.00	77.9	219.9	17.3	60.4	10.9	1.7	9.4	1.5	9.4	1.9	5.7	0.9	6.0	0.9	57.7	481.4	Hardcap		
RRMRB049	4.00	5.00	1.00	54.7	183.6	12.9	43.9	8.9	1.5	7.3	1.2	7.8	1.6	4.9	0.7	5.1	0.8	43.4	378.3	Clay		
RRMRB049	5.00	7.00	2.00	185.9	152.9	38.3	127.1	22.0	3.5	18.1	2.6	15.8	3.2	9.3	1.3	8.9	1.3	106.3	696.6	Clay		
RRMRB049	7.00	9.00	2.00	263.9	208.8	57.0	191.9	30.1	5.0	23.2	3.3	17.3	3.5	9.8	1.4	8.5	1.3	119.8	944.7	Clay		
RRMRB049	9.00	11.00	2.00	234.6	550.3	61.0	200.0	31.2	4.9	19.5	2.7	12.8	2.2	5.7	0.8	5.0	0.7	58.7	1190.0	Clay		
RRMRB049	11.00	13.00	2.00	92.5	112.6	21.4	73.4	11.9	2.0	8.6	1.2	6.5	1.3	3.6	0.5	3.5	0.5	40.4	380.2	Upper Saprolite		
RRMRB049	13.00	15.00	2.00	49.0	62.8	11.2	38.6	6.7	1.1	4.7	0.8	4.2	0.8	2.5	0.4	2.5	0.4	26.4	212.0	Upper Saprolite		
RRMRB049	15.00	17.00	2.00	65.4	96.4	14.3	48.9	8.3	1.4	7.1	1.1	6.2	1.2	3.9	0.6	4.0	0.6	40.8	300.3	Lower Saprolite	12.00	621
RRMRB049	17.00	18.00	1.00	38.8	66.5	8.6	29.6	5.2	0.9	4.4	0.7	3.8	0.8	2.6	0.4	2.8	0.4	26.5	191.9	Lower Saprolite		
RRMRB050	0.00	2.00	2.00	37.5	93.7	7.7	26.2	4.7	0.8	4.1	0.7	4.5	1.0	3.2	0.5	3.4	0.5	30.9	219.6	Soil		
RRMRB050	2.00	4.00	2.00	36.4	93.4	8.8	31.3	5.9	1.0	4.7	0.9	5.5	1.2	3.7	0.6	3.9	0.6	30.9	228.6	Transition		
RRMRB050	4.00	6.00	2.00	202.3	313.2	43.7	147.0	23.4	3.9	18.4	2.6	13.7	2.7	7.5	1.1	6.9	1.0	85.6	873.1	Clay		
RRMRB050	6.00	7.00	1.00	280.3	411.5	56.9	191.3	29.8	5.1	23.3	3.3	17.6	3.5	9.6	1.4	8.4	1.2	115.6	1158.7	Upper Saprolite		
RRMRB050	7.00	8.00	1.00	293.2	398.0	56.9	198.9	31.5	5.9	27.7	3.9	21.2	4.1	11.1	1.7	9.8	1.4	121.7	1186.8	Lower Saprolite	4.00	1023
RRMRB051	0.00	2.00	2.00	33.7	649.8	7.9	27.1	5.8	0.9	4.6	0.9	5.0	1.0	3.0	0.5	3.4	0.5	24.0	768.0	Hardcap		
RRMRB051	2.00	3.00	1.00	37.5	815.7	9.4	33.5	6.9	1.2	5.6	1.0	6.3	1.2	3.6	0.6	4.3	0.6	29.0	956.3	Hardcap		
RRMRB051	3.00	4.00	1.00	65.3	652.3	14.7	50.4	9.0	1.5	6.7	1.2	6.9	1.4	4.2	0.6	4.5	0.6	36.8	856.3	Transition		
RRMRB051	4.00	6.00	2.00	79.5	141.3	15.3	48.5	6.7	1.1	5.0	0.7	4.1	0.8	2.4	0.3	2.4	0.3	23.9	332.5	Clay		
RRMRB051	6.00	8.00	2.00	113.3	112.5	23.7	75.7	10.9	1.8	8.4	1.2	6.3	1.2	3.4	0.5	3.5	0.5	38.2	401.1	Clay	2.00	401.1
RRMRB051	8.00	10.00	2.00	48.9	67.7	11.2	38.1	6.5	1.2	5.8	1.0	6.0	1.2	3.6	0.5	3.5	0.5	40.5	236.2	Clay		
RRMRB051	10.00	12.00	2.00	34.9	61.9	7.8	26.8	5.1	0.9	4.9	0.8	4.9	1.0	3.0	0.4	3.0	0.4	34.3	190.2	Upper Saprolite		
RRMRB052	0.00	2.00	2.00	38.9	391.9	8.7	30.8	6.1	0.8	5.1	0.9	4.9	1.0	3.0	0.5	3.2	0.5	28.6	524.8	Soil/Clay		
RRMRB052	2.00	4.00	2.00	41.0	157.2	9.1	32.0	6.3	0.7	5.1	0.7	4.3	0.9	2.6	0.4	2.6	0.4	25.4	288.8	Clay		
RRMRB052	4.00	6.00	2.00	38.8	82.9	8.6	29.6	5.9	0.4	4.7	0.6	3.1	0.6	1.7	0.2	1.8	0.3	18.3	197.6	Clay		
RRMRB052	6.00	8.00	2.00	29.9	78.6	7.1	25.1	5.1	0.3	4.3	0.6	3.6	0.7	2.1	0.3	2.2	0.3	22.2	182.4	Clay		
RRMRB052	8.00	10.00	2.00	35.7	64.7	8.5	30.1	6.1	0.4	5.4	0.9	4.8	1.0	2.7	0.4	3.1	0.5	31.4	195.6	Clay		
RRMRB052	10.00	12.00	2.00	31.5	72.1	8.8	32.0	7.5	0.3	5.9	0.9	4.9	0.9	2.5	0.4	2.9	0.4	27.7	198.6	Clay		
RRMRB052	12.00	15.00	3.00	20.3	48.5	5.5	19.5	4.6	0.2	3.7	0.6	3.2	0.6	1.8	0.3	2.1	0.3	18.9	130.1	Clay		
RRMRB052	14.00	16.00	2.00	17.1	38.7	4.8	16.8	3.9	0.2	3.2	0.5	2.7	0.5	1.5	0.2	1.8	0.2	15.2	107.3	Upper Saprolite		
RRMRB052	16.00	18.00	2.00	20.9	46.8	5.8	21.1	5.2	0.2	3.9	0.7	3.7	0.7	2.1	0.3	2.2	0.4	22.4	136.2	Upper Saprolite		
RRMRB052	18.00	20.00	2.00	26.4	59.0	7.4	26.5	6.0	0.2	4.9	0.8	4.4	0.8	2.2	0.4	2.7	0.4	24.9	167.0	Upper Saprolite		
RRMRB052	20.00	21.00	1.00	26.7	63.1	7.8	28.2	6.9	0.2	5.7	0.9	5.2	1.0	2.7	0.4	2.9	0.5	30.0	182.2	Upper Saprolite		
RRMRB053	0.00	2.00	2.00	53.1	155.4	12.0	42.9	8.0	1.2	7.0	1.1	6.6	1.3	3.7	0.6	4.1	0.6	38.4	336.2	Soil		

RRMRB053	2.00	4.00	2.00	53.6	390.6	11.7	40.0	7.1	1.0	5.9	1.0	5.9	1.2	3.6	0.5	4.0	0.6	34.2	560.9	Hardcap/Clay		
RRMRB053	4.00	6.00	2.00	76.2	519.6	15.9	54.5	9.6	1.4	7.8	1.3	7.8	1.6	4.7	0.7	4.9	0.8	49.4	756.3	Clay	2.00	756.3
RRMRB053	6.00	8.00	2.00	47.1	248.1	9.3	31.3	6.1	0.8	4.8	0.8	4.7	0.9	2.6	0.4	2.7	0.4	29.0	388.8	Clay		
RRMRB053	8.00	10.00	2.00	69.2	95.4	13.2	42.5	7.7	0.8	5.8	1.0	6.1	1.2	3.6	0.6	4.0	0.6	38.7	290.3	Upper Saprolite		
RRMRB053	10.00	12.00	2.00	84.9	69.4	20.4	71.0	12.8	1.7	9.4	1.6	9.5	1.9	5.5	0.8	5.5	0.8	62.1	357.5	Upper Saprolite	2.00	357.5
RRMRB053	12.00	14.00	2.00	53.5	75.9	13.6	46.8	8.9	1.1	6.7	1.2	7.2	1.4	4.4	0.7	4.5	0.7	46.1	272.5	Lower Saprolite		
RRMRB053	14.00	16.00	2.00	36.2	69.2	9.4	32.7	6.5	0.7	5.0	0.9	5.9	1.2	3.6	0.6	3.9	0.6	39.6	216.0	Saprock		
RRMRB054	0.00	2.00	2.00	19.9	76.2	5.6	20.5	4.6	0.8	3.6	0.7	4.2	0.8	2.6	0.4	2.9	0.4	20.1	163.2	Hardcap		
RRMRB054	2.00	4.00	2.00	30.1	112.6	8.1	30.3	6.1	1.1	5.3	1.0	5.7	1.1	3.4	0.5	3.9	0.5	26.8	236.6	Hardcap		
RRMRB054	4.00	6.00	2.00	58.5	36.2	11.9	42.3	7.5	1.4	6.4	1.0	6.3	1.2	3.6	0.5	3.7	0.5	40.0	221.3	Clay		
RRMRB054	6.00	8.00	2.00	54.9	36.1	11.5	42.1	7.5	1.5	6.7	1.0	6.3	1.3	3.9	0.5	3.5	0.5	40.5	217.8	Clay		
RRMRB054	8.00	10.00	2.00	54.1	47.9	11.7	43.0	7.9	1.7	7.2	1.1	7.0	1.4	4.2	0.6	3.9	0.6	42.9	235.1	Upper Saprolite		
RRMRB054	10.00	12.00	2.00	32.4	29.7	7.3	27.3	5.5	1.3	5.5	0.9	5.4	1.1	3.2	0.5	3.0	0.5	33.9	157.4	Lower Saprolite		
RRMRB055	0.00	2.00	2.00	25.7	318.2	5.6	19.6	4.1	0.6	3.3	0.6	3.8	0.8	2.3	0.4	2.8	0.4	20.8	409.0	Hardcap		
RRMRB055	2.00	4.00	2.00	46.9	422.6	10.3	36.2	6.6	1.0	5.1	0.8	4.5	0.9	2.5	0.4	2.7	0.4	24.6	565.5	Transition/Clay		
RRMRB055	4.00	6.00	2.00	76.7	137.6	15.6	57.2	10.0	2.0	8.9	1.2	6.8	1.3	3.7	0.5	3.3	0.5	44.1	369.3	Clay/Saprock	2.00	369.3
RRMRB055	6.00	7.00	1.00	22.5	156.6	5.3	19.4	3.7	0.8	3.0	0.5	2.9	0.5	1.7	0.2	1.8	0.3	16.3	235.6	Saprock		
RRMRB056	0.00	2.00	2.00	46.8	910.2	10.2	35.7	6.9	1.1	5.4	1.0	5.3	1.1	3.0	0.5	3.4	0.4	29.8	1060.8	Soil/Hardcap		
RRMRB056	2.00	4.00	2.00	41.5	502.4	8.8	31.0	5.7	1.0	4.7	0.8	4.8	1.0	3.0	0.5	3.2	0.5	29.2	638.2	Clay		
RRMRB056	4.00	6.00	2.00	41.5	112.4	7.9	28.0	4.7	0.7	4.2	0.7	4.5	1.0	3.0	0.5	3.2	0.5	31.0	243.8	Clay		
RRMRB056	6.00	8.00	2.00	35.3	87.7	7.3	25.3	4.8	0.7	4.1	0.7	4.6	1.0	3.1	0.5	3.5	0.5	32.1	211.3	Clay		
RRMRB056	8.00	10.00	2.00	28.5	48.2	6.6	23.0	4.7	0.7	4.4	0.8	5.2	1.1	3.6	0.5	3.7	0.6	36.1	167.6	Upper Saprolite		
RRMRB056	10.00	12.00	2.00	21.5	39.1	5.2	18.1	4.0	0.6	4.3	0.8	5.0	1.1	3.3	0.5	3.5	0.5	35.8	143.1	Upper Saprolite		
RRMRB056	12.00	14.00	2.00	18.8	40.0	4.7	16.3	3.9	0.5	4.1	0.8	5.0	1.0	3.4	0.5	3.4	0.5	35.9	138.6	Upper Saprolite		
RRMRB056	14.00	16.00	2.00	15.7	34.9	3.7	13.9	3.4	0.5	3.7	0.7	4.6	1.0	3.1	0.4	3.2	0.5	34.7	123.9	Upper Saprolite		
RRMRB056	16.00	18.00	2.00	14.3	33.7	3.6	12.7	3.5	0.4	3.8	0.7	4.5	1.0	3.1	0.4	3.1	0.5	33.8	119.0	Upper Saprolite		
RRMRB056	18.00	20.00	2.00	14.0	35.7	3.4	12.2	3.1	0.4	3.6	0.6	4.4	0.9	2.9	0.4	3.1	0.4	31.1	116.4	Upper Saprolite		
RRMRB056	20.00	22.00	2.00	15.1	34.6	3.6	12.9	3.4	0.4	3.7	0.7	4.5	0.9	3.0	0.4	3.2	0.5	33.4	120.4	Lower Saprolite		
RRMRB056	22.00	24.00	2.00	13.8	34.0	3.4	12.8	3.3	0.4	3.4	0.6	4.2	0.9	2.7	0.4	2.9	0.4	30.4	113.7	Saprock		
RRMRB056	24.00	25.00	1.00	12.5	33.2	3.0	11.0	3.0	0.3	2.9	0.6	3.9	0.8	2.5	0.4	2.6	0.4	27.6	104.6	Saprock		

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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*	Individual 1 metre samples weighed after collection in its plastic sample bag. There is no evidence of grade bias due to sample recovery

<table>
<tr><th>Criteria</th><th>JORC Code explanation</th><th>Commentary</th></tr>
<tr><td></td><td>loss/gain of fine/coarse material.</td><td></td></tr>
<tr><td>Logging</td><td>• 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.</td><td>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.</td></tr>
<tr><td>Sub-sampling techniques and sample preparation</td><td>• If core, whether cut or sawn and whether quarter, half or all core taken.
• If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.
• For all sample types, the nature, quality and appropriateness of the sample preparation technique.
• Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.
• Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.
• Whether sample sizes are appropriate to the grain size of the material being sampled.</td><td>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.

This sample collection protocol is adequate for the reconnaissance style exploration being conducted.

A geological sample increment is selected and transferred to a chip tray for geological logging and storage.</td></tr>
<tr><td>Quality of assay data and laboratory tests</td><td>• The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.
• For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.
• Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.</td><td>Assay and Laboratory Procedures – All Samples

Samples were dispatched by air freight direct to ALS laboratory Perth Australia. The preparation and analysis protocol used is as follows:

<table>
<tr><th>ALS Code</th><th>Description</th></tr>
<tr><td>WEI-21</td><td>Received sample weight</td></tr>
<tr><td>LOG-22</td><td>Sample Login w/o Barcode</td></tr>
<tr><td>DRY-21</td><td>High temperature drying</td></tr>
</table>
</td></tr>
</table>

Criteria	JORC Code explanation	Commentary

CRU-21	Crush entire sample
CRU-31	Fine crushing – 70% <2mm
SPL-22Y	Split sample – Boyd Rotary Splitter
PUL-31h	Pulverise 750g to 85% passing 75 micron
CRU-QC	Crushing QC Test
PUL-QC	Pulverising QC 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:

Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga
Gd	Hf	Ho	La	Lu	Nb	Nd	Pr
Rb	Sm	Sn	Sr	Ta	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

Criteria	JORC Code explanation	Commentary
		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. • Duplicates Field duplicate sampling was conducted at a ratio of 1:25 samples. Duplicates were created by Selecting a separate 1.5kg sample from the composited sample intervals. Duplicate samples were allocated separate sample numbers and submitted with the same analytical batch as the primary sample. Variability between duplicate results is considered acceptable and no sampling bias is evident. Laboratory inserted standards, blanks and duplicates were analysed as per industry standard practice. There is no evidence of bias from these results.
Verification of sampling and assaying	• *The verification of significant intersections by either independent or alternative company personnel.* • *The use of twinned holes.* • *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* • *Discuss any adjustment to assay data.*	No independent verification of significant intersection undertaken. No twinning of diamond core drill holes was undertaken. Sampling protocols for diamond core sampling and QAQC were documented and held on site by the responsible geologist. No procedures for data storage and management have been compiled as yet.

Criteria	JORC Code explanation	Commentary
		Data were collected in the field by hand and entered into Excel spreadsheet. Data are then compiled with assay results compiled and stored in Access database. Data verification is conducted on data entry including hole depths, sample intervals and sample numbers. Sample numbers from assay data are verified by algorithm in spreadsheet prior to entry int the database. Assay data was received in digital format from the laboratory and merged with the sampling data into an Excel spreadsheet format for QAQC analysis and review against field data. Once finalised and validated data is stored in a protected Access database. Data validation of assay data and sampling data have been conducted to ensure data entry is correct. All assay data is received from the laboratory in element form is unadjusted for data entry. Conversion of elemental analysis (REE) to stoichiometric oxide (REO) was undertaken by spreadsheet using defined conversion factors.(Source:https://www.jcu.edu.au/advanced-analytical-centre/services-and-resources/resources-and-extras/element-to-stoichiometric-oxide-conversion-factors)

Element ppm	Conversion Factor	Oxide Form
Ce	1.2284	CeO_2
Dy	1.1477	Dy_2O_3
Er	1.1435	Er_2O_3
Eu	1.1579	Eu_2O_3
Gd	1.1526	Gd_2O_3
Ho	1.1455	Ho_2O_3
La	1.1728	La_2O_3
Lu	1.1371	Lu_2O_3
Nd	1.1664	Nd_2O_3

Pr	1.2082	Pr_6O_{11}
Sm	1.1596	Sm_2O_3
Tb	1.1762	Tb_4O_7
Tm	1.1421	Tm_2O_3
Y	1.2699	Y_2O_3
Yb	1.1387	Yb_2O_3
Sc	1.5338	Sc_2O_3

Rare earth oxide is the industry accepted form for reporting rare earths. The following calculations are 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 + Y_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, + Y_2O_3 + Lu_2O_3

CREO (Critical Rare Earth Oxide) = Nd_2O_3 + Eu_2O_3 + Tb_4O_7 + Dy_2O_3 + Y_2O_3

(From U.S. Department of Energy, Critical Materials Strategy, December 2011)

LREO (Light Rare Earth Oxide) = La_2O_3 + CeO2 + Pr_6O_{11} + Nd_2O_3

NdPr = Nd_2O_3 + Pr_6O_{11}

HREO% of TREO= HREO/TREO x 100

In elemental form the classifications are:

Note that Y is included in the TREE, HREE and CREE calculation.

TREE: La+Ce+Pr+Nd+Sm+Eu+Gd+Tb+Dy+Ho+Er+Tm+Yb+Lu+Y

Criteria	JORC Code explanation	Commentary
		HREE: Sm+Eu+Gd+Tb+Dy+Ho+Er+Tm+Yb+Y+Lu CREE: Nd+Eu+Tb+Dy+Y LREE: La+Ce+Pr+Nd
Location of data points	• *Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.* • *Specification of the grid system used.* • *Quality and adequacy of topographic control.*	RAB collar locations were surveyed using handheld GPS. For this type of instrument, the general accuracy in x and y coordinates is + 5m. The elevation component of coordinates is variable and 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.

Criteria	JORC Code explanation	Commentary
		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). All licences are in good standing with no known impediments. 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: 1. IonicRE to fund to completion of a Bankable Feasibility Study (BFS) to earn an additional 9% interest for a cumulative 60% interest in RRM. 2. Milestone payments, payable in cash or IonicRE shares at the election of the Vendor, as follows: a. US$375,000 on production of 10 kg of mixed rare-earth product from pilot or demonstration plant activities; and b. US$375,000 on conversion of existing licences to mining licences.

Criteria	JORC Code explanation	Commentary
		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.

Criteria	JORC Code explanation	Commentary
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. 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.*
		The material information for drill holes relating to this announcement are contained in Appendix 1.

Criteria	JORC Code explanation	Commentary
	• *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.*	
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-CeO_2 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.
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.

Criteria	JORC Code explanation	Commentary
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-in-leach (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 Feasibility Study.