

## CONTINUED HIGH-GRADE RARE EARTH ISR LEACHING RESULTS UP TO 5,700PPM AT EMA

Second Field Pilot Trial Area Returns Strong TREO Grades with Sustained  
High Magnet Rare Earth Oxide Contents

### Highlights

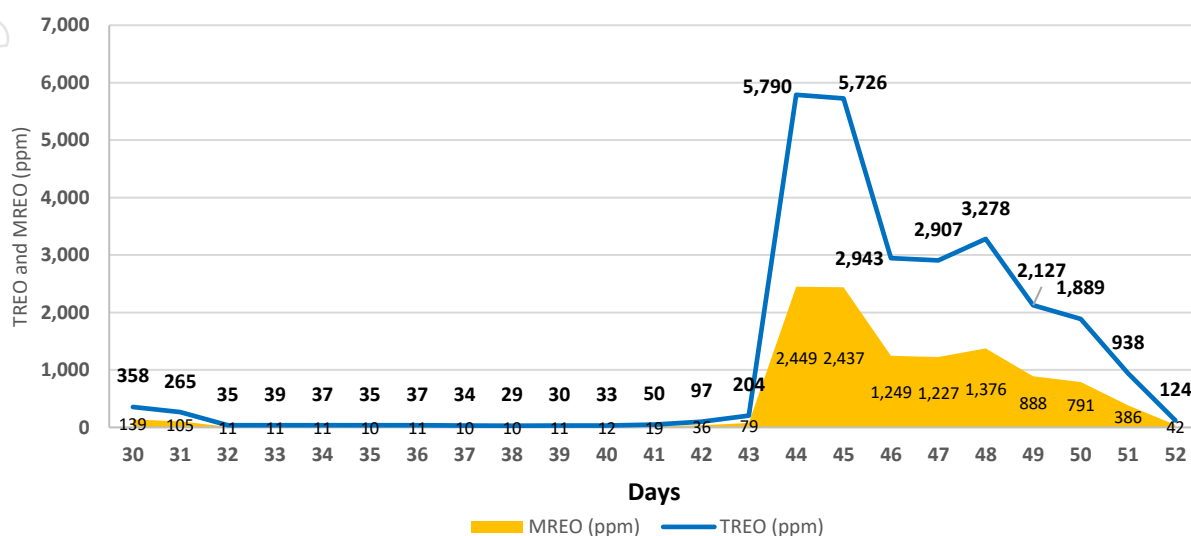
- **Pregnant leach solution (PLS)** from the 2nd pilot area continues to deliver exceptional TREO grades, with concentrations **exceeding 5,700 ppm**, building on results reported from H1-F6 (**ASX: 01 Sep 2025**)
- **Magnet rare earth oxides (Nd, Pr, Dy, Tb)** remain consistently strong, representing 41% of TREO in hole H2-F12 and 37% in hole H2-F11, reinforcing their potential to drive the majority of project revenues
- **Heavy rare earths** continue to present at meaningful levels, with dysprosium and terbium averaging a **combined 45ppm**, and samarium concentrations **reaching 5%** in hole H2-F12 over the leaching period
- **ISR performance** now confirmed, demonstrating repeatability across multiple test areas, underscoring the robustness of the ISR process
- **Over 3,000 litres** of PLS have now been extracted since field trials commenced in late May
- Dispatched PLS to **ANSTO** has arrived for process optimisation and **mixed rare earth carbonate (MREC)** product production and testing
- **Project development** remains on track with feasibility studies, environmental permitting, and hydrogeological modelling all advancing

Brazilian Critical Minerals Limited (**ASX: BCM**) (“**BCM**” or the “**Company**”) is pleased to announce further outstanding results from the ongoing in-situ recovery (ISR) field trials at the Ema Project in Brazil, confirming the project’s potential to deliver near-term rare-earth production.

To view the video of MD, Andrew Reid, discussing this announcement, click on the link below

<https://braziliancriticalminerals.com/link/ejYm0y>

### TREO & MREO ppm from hole H2-F12



**Figure 1.** Pregnant liquor solution (PLS) grades extracted from monitoring hole H2-F12 over the period in which 0.5M Magnesium Sulphate was injected into the mineralised horizon. Yellow range represents composition of MREO inside the TREO values averaging 41% over the 10-day leaching period.

**Andrew Reid, Managing Director, commented:**

“These latest results are another clear step forward for BCM and the Ema Project. Not only have we confirmed the exceptional leaching grades first reported, but we have now demonstrated repeatability across new pilot areas.

Importantly though, the consistent strength of magnet rare earths in the leach solution underscores the project’s strategic value. With NdPr, Dy and Tb central to clean energy and defence technologies, BCM is strongly positioned to play a role in securing critical mineral supply chains.

Elevated samarium concentrations (5%) are critical in permanent magnets where high temperature resistance, corrosion resistance and strong magnetism is required in applications like guidance systems, missiles and radar.

To date, the Company has done nothing more than add a low concentration, non-toxic, benign magnesium sulphate solution to the clay profile.

These results continue to de-risk the ISR approach and strengthens our confidence in Ema’s ability to become a near-term rare-earth producer.”

For personal use only



**Figure 2.** Field pilot trial and setup showing distribution of monitoring holes H2-F10, H2-F11, H2-F12. Rings indicate approximate area of leaching influencing grades received from the PLS, with H2-F10 being the smallest leaching area.

**Table 1.** PLS solution grades averaged over the leaching cycle from hole H2-F10, H2-F11 and H2-F12.

Hole ID	Day (from)	Day (to)	No. Days	Avg MREO (ppm)	Avg TREO (ppm)	MREO:TREO %
H2-F12	34	43	10	1,093	2,593	41%
H2-F11	13	37	25	269	714	37%
H2-F10	2	11	10	90	274	33%

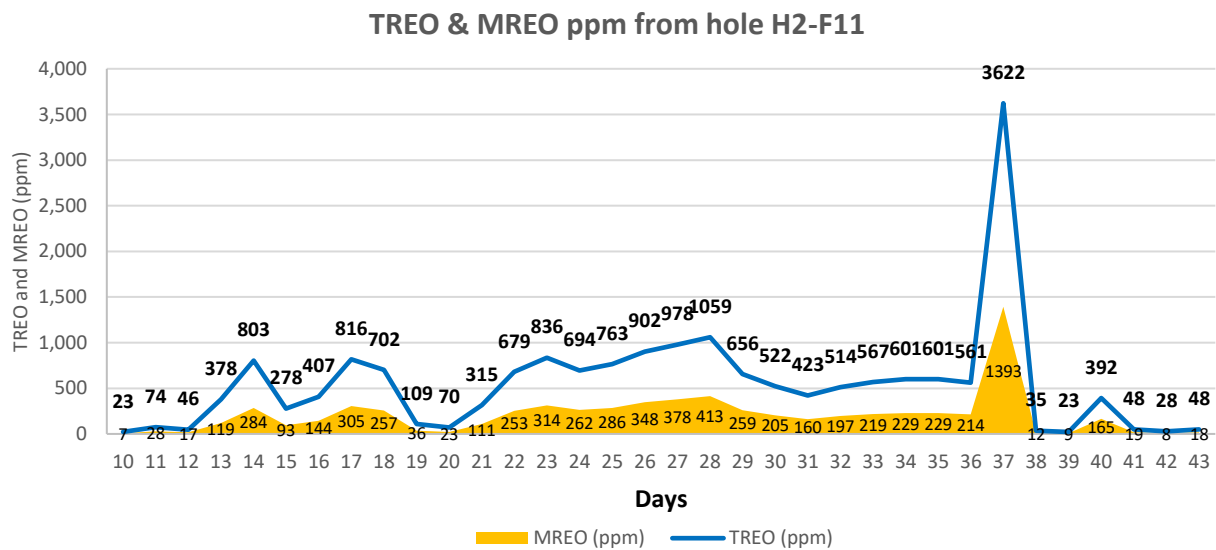
### Comments on Results

The 3-hole array for extraction as shown in figure 2 was designed specifically for the purpose of measuring solution permeability timing but subsequently retrofitted for PLS extraction. The vertical extraction hole design as shown in figure 2 only captures a small proportion of the PLS and was never contemplated for scale up commercialisation as it is not the method employed in any ISR rare earth operation. Final extraction of the PLS upon production will occur at the base of the leached hills captured by an efficient containment system which will funnel the solution back to the process plant.

For personal use only

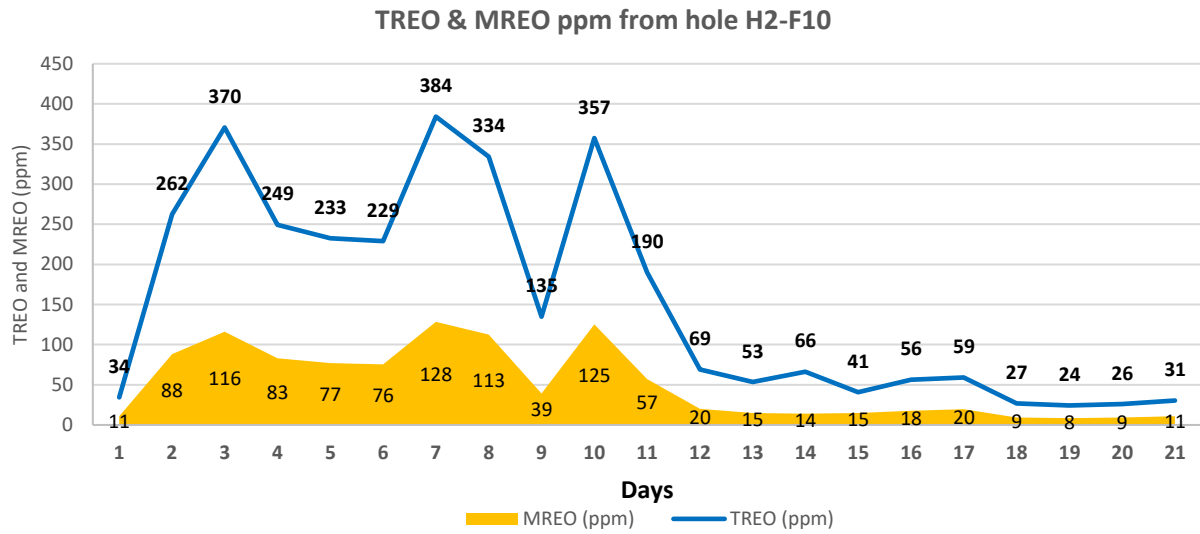
Figure 2 shows each extraction hole not only being a different distance away from the injection holes but also capturing PLS solution from an increasingly larger volume of mineralisation, with hole **H2-F12**, located at the furthest point downstream. The increased time for solution to percolate to hole H2-F12 (table 1) through a larger volume of material and the increased contact time of the PLS with the mineralisation has produced the strongest PLS leaching response up to 5,700ppmTREO similar to testing results generated by ANSTO (**ASX: 10 Mar 2025**)

In comparison, extraction holes **H2-F11** and **H2-F10** (Figure 3 & 4) were positioned closer to the injection hole array. These locations provided a smaller leaching area and shorter contact time, resulting in lower overall rare earth recovery and less complete ionic exchange prior to PLS extraction.



**Figure 3.** Pregnant liquor solution (PLS) grades extracted from monitoring hole H2-F11 over the period in which 0.5M Magnesium Sulphate was injected into the mineralised horizon. Yellow range represents composition of MREO inside the TREO values averaging 37% over the 25-day leaching period.

For personal use only



**Figure 4.** Pregnant liquor solution (PLS) grades extracted from monitoring hole H2-F10 over the period in which 0.5M Magnesium Sulphate was injected into the mineralised horizon. Yellow range represents composition of MREO inside the TREO values averaging 33% over the 10-day leaching period.

#### Background In-situ mineralised grades

As part of the pilot field trial, BCM drilled a single resource hole at the position of H2-F10 within the field trial area prior to the injection of any solution. The samples were assayed at SGS laboratory in Brazil (table 2).

Once the field trial water washing is complete a final hole will be drilled to cross-check leached grades with the original results.

For personal use only

**Table 2.** Assays returned from in-situ mineralisation drilled within second pilot field location prior to the field trial.

Hole ID	Depth (from)	Depth (to)	TREO (ppm)
H2-F10	0	1	673
	1	2	320
	2	3	517
	3	4	618
	4	5	619
	5	6	505
	6	7	651
	7	8	676
	8	9	565
	9	10	680
	10	11	969
	11	12	897
Average			641

### Field Trials Hugely Successful

BCM has successfully achieved all of its objectives initially established with its ISR pilot field trials over the last several months;

- Injected a low strength (0.5M)  $MgSO_4$  solution;
- Rapidly decreased the pH of the clay zone to the target zone required to leach rare earths over short distances of leaching;
- Achieved fast reactivity of the  $MgSO_4$  solution, resulting in rapid leaching of the rare earths into solution;
- Maintained a constant high flow rate of solution through the clays, indicating strong permeability;
- Maintained a steady and elevated increase in  $MgSO_4$  solution levels throughout the clay zone indicating that a solid impermeable basement exists;
- Extracted very high PLS grades from the test area; and
- Precipitated the rare earths from solution.

This announcement has been authorised for release by the Board of Directors.

## Enquiries

For more information please contact:

### Andrew Reid

Managing Director

Brazilian Critical Minerals Limited

[Andrew.reid@braziliancriticalminerals.com](mailto:Andrew.reid@braziliancriticalminerals.com)

Brazilian Critical Minerals Limited (BCM) is a mineral exploration company listed on the Australian Securities Exchange.

Its major exploration focus is Brazil, in the Apuí region, where BCM has discovered a world class Ionic Adsorbed Clay (IAC) Rare Earth Elements deposit. The Ema IAC project is contained within the 781 km<sup>2</sup> of exploration tenements within the Colider Group and adjacent sediments.

BCM has defined an indicated and inferred MRE of 943Mt of REE's with metallurgical recoveries averaging 68% MREO, representing some of the highest for these types of deposits anywhere in the world.

The Company has converted the MRE central portion from Inferred into the Indicated category with an extensive drill program during 2024 which has underpinned the scoping study and economic analysis released in February 2025.



*Ema REE Global Mineral Resource Estimate @COG 500ppm TREO*

JORC Category	cut-off ppm TREO	Tonnes Mt	TREO ppm	NdPr ppm	DyTb ppm	MREO ppm	MREO: TREO %
Indicated	500	248	759	176	16	192	25
Inferred	500	695	701	165	16	181	26
<b>Total</b>	<b>500</b>	<b>943</b>	<b>716</b>	<b>168</b>	<b>16</b>	<b>184</b>	<b>26</b>

For personal use only

The information in this announcement relates to previously reported exploration results and mineral resource estimates for the Ema Project released by the Company to ASX on 22 May 2023, 17 July 2023, 19 July 2023, 31 July 2023, 13 Sep 2023, 19 Oct 2023, 06 Dec 2023, 06 Feb 2024, 22 Feb 2024, 13 Mar 2024, 02 Apr 2024, 08 Oct 2024 19 Nov 2024, 21 Jan 2025, 17<sup>th</sup> Feb 2025, 26<sup>th</sup> Feb 2025, 10<sup>th</sup> March 2025, 13<sup>th</sup> March 2025, 28<sup>th</sup> April 2025, 27<sup>th</sup> May 2025, 28<sup>th</sup> May, 13 June 2025, 01 July 2025, 18 August 2025 and 01 Sep 2025. The Company confirms that is not aware of any new information or data that materially affects the information included in the above-mentioned releases and CONTINUES TO APPLY and have not materially changed in accordance with listing Rule 5.23.2.

### Competent Person Statement

The information in this announcement that relates to exploration results is based on information compiled by Mr. Antonio de Castro, BSc (Hons), MEMBER of AusIMM, CREA, who acts as BCM’s Senior Consulting Geologist through the consultancy firm, ADC Geologia Ltda. Mr. de Castro has sufficient experience which is relevant to the type of deposit under consideration and to the reporting of exploration results and analytical and metallurgical test work to qualify as a competent person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) “Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves”. Mr. Castro consents to the report being issued in the form and context in which it appears.

### Appendix 1: Table 1 Ema project – JORC Code (2012 Edition) metallurgical sampling techniques and data.

Item	JORC code explanation	Comments
	<b>Sampling Techniques</b>	
	<ul style="list-style-type: none"> <li>Nature and quality of sampling.</li> <li>Include reference to measures taken to ensure sample representativity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> </ul>	<ul style="list-style-type: none"> <li>Exploration results are based on solution samples extracted during ISR field trials conducted by WSP with support of BCM’s exploration team.</li> <li>The data presented is based on solution collected from the monitoring holes after percolation through soils and saprolite, mined by in-situ techniques.</li> <li>Sampling and measurements were supervised by the Chief Metallurgist and WSP’s hydrogeologist.</li> <li>Sample was extracted from deep wells drilled down to bedrock basement whereby solution was pumped to the surface for collection and further analysis</li> <li>Solution samples were tested for pH with a probe called Incoterm brand pen-type digital pH meter, after calibration.</li> <li>Rare Earths + impurities were precipitated by the addition of sodium carbonate.</li> <li>These results are specific for the tracer test area.</li> </ul>

For personal use only

Item	JORC code explanation	Comments
<b>Drilling Techniques</b>	<ul style="list-style-type: none"> <li>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).</li> </ul>	<ul style="list-style-type: none"> <li>All auger holes in the test area were drilled with 6" bit.</li> <li>The deep injection holes in H2 area were the only ones cased with 2" sliced PVC pipes, all others were cased with sliced 4" PVC pipes.</li> <li>Coarse gravel sand was inserted between the pipes and the edges of the holes to create the filter zone.</li> <li>Cement around the collars were built to prevent running waters from rain to contaminate the underground water.</li> <li>Holes drilled are not included in any Mineral Resource Estimation.</li> </ul>
<b>Drill Sample Recovery</b>	<ul style="list-style-type: none"> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</li> </ul>	<ul style="list-style-type: none"> <li>n/a.</li> </ul>
<b>Logging</b>	<ul style="list-style-type: none"> <li>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.</li> <li>Whether logging is qualitative or quantitative in nature. Core (or costean. channel. etc) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> </ul>	<ul style="list-style-type: none"> <li>n/a</li> </ul>
<b>Sub-Sampling Techniques and Sampling Procedures</b>	<ul style="list-style-type: none"> <li>If core. whether cut or sawn and whether quarter. half or all core taken.</li> <li>If non-core. whether riffled. tube sampled. rotary split. etc and whether sampled wet or dry.</li> <li>For all sample types. the nature. quality and appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all sub-sampling stages to maximise representativity of samples.</li> <li>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.</li> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul>	<ul style="list-style-type: none"> <li>n/a</li> </ul>

For personal use only

Item	JORC code explanation	Comments
<b>Quality of Assay Data and Laboratory Tests</b>	<ul style="list-style-type: none"> <li>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <li>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.</li> <li>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</li> </ul>	<ul style="list-style-type: none"> <li>The filtered solution samples were assayed using a Varian ICP-OES instrument (model Vista MPX710), calibrated using Specsol certified standards for each of the rare earth elements. Quality control is conducted using a standard reference sample previously prepared from Ema mineralisation and assayed by SGS in Vaspasiano, Brazil. The reference sample is read for each element before and after running each assay batch. Any batches in which the standard sample result plots outside two standard deviations from the established value are re-run.</li> <li>The assaying methodology is in line with industry standard and is considered appropriate for rare earth solutions. The technique is considered to be total.</li> </ul>
<b>Verification of Sampling and Assaying</b>	<ul style="list-style-type: none"> <li>The verification of significant intersections by either independent or alternative company personnel.</li> <li>The use of twinned holes.</li> <li>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</li> <li>Discuss any adjustment to assay data.</li> </ul>	<ul style="list-style-type: none"> <li>n/a</li> </ul>
<b>Location of Data Points</b>	<ul style="list-style-type: none"> <li>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.</li> <li>Specification of the grid system used.</li> <li>Quality and adequacy of topographic control.</li> </ul>	<ul style="list-style-type: none"> <li>The UTM WGS84 zone 21S grid datum is used for current reporting. The drill holes collar locations were picked up by a licensed surveyor using a Trimble total station (+/- 5cm), referenced to a government survey point.</li> </ul>
<b>Data Spacing and Distribution</b>	<ul style="list-style-type: none"> <li>Data spacing for reporting of Exploration Results.</li> <li>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.</li> <li>Whether sample compositing has been applied.</li> </ul>	<ul style="list-style-type: none"> <li>n/a</li> </ul>
<b>Orientation of Data in relation to Geological Structure</b>	<ul style="list-style-type: none"> <li>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>n/a</li> </ul>

For personal use only

Item	JORC code explanation	Comments
<b>Sample security</b>	<ul style="list-style-type: none"><li>The measures taken to ensure sample security.</li></ul>	<ul style="list-style-type: none"><li>The solution samples sealed in plastic bags were sent directly to Catalão by airfreight and courier to the laboratory. The Company has no reason to believe that sample security poses a material risk to the integrity of the assay data.</li></ul>
<b>Audit or Reviews</b>	<ul style="list-style-type: none"><li>The results of any audits or reviews of sampling techniques and data.</li></ul>	<ul style="list-style-type: none"><li>The sampling techniques and data have been reviewed by the Competent Person and are found to be of industry standard.</li></ul>

For personal use only

## JORC (2012) Table 1 - Section 2: Reporting of Exploration Results

Criteria	JORC code explanation	Commentary
<b>Mineral Tenement and Land Tenure Status</b>	<ul style="list-style-type: none"> <li>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.</li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>The EMA and EMA EAST leases are 100% owned by BCM with no issues in respect to native title interests, historical sites, wilderness or national park and environmental settings.</li> <li>The company is not aware of any impediment to obtain a licence to operate in the area.</li> </ul>
<b>Exploration done by Other Parties</b>	<ul style="list-style-type: none"> <li>Acknowledgment and appraisal of exploration by other parties.</li> </ul>	<ul style="list-style-type: none"> <li>No exploration by other parties has been conducted in the region.</li> </ul>
<b>Geology</b>	<ul style="list-style-type: none"> <li>Deposit type, geological setting and style of mineralisation.</li> </ul>	<ul style="list-style-type: none"> <li>The REE mineralisation at EMA is contained within the tropical lateritic weathering profile developed on top of felsic rocks, rhyolites as per the Chinese deposits.</li> <li>The REE mineralisation is concentrated in the weathered profile where it has dissolved from the primary mineral, such as monazite and xenotime, then adsorbed on to the neo-forming fine particles of aluminosilicate clays (e.g. kaolinite, illite, smectite).</li> <li>This adsorbed iREE is the target for extraction and production of REO.</li> </ul>
<b>Drill Hole Information</b>	<ul style="list-style-type: none"> <li>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes: <ul style="list-style-type: none"> <li>easting and northing of the drill hole collar</li> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>dip and azimuth of the hole</li> <li>down hole length and interception depth</li> <li>hole length.</li> </ul> </li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Auger locations and diagrams are presented in this announcement.</li> <li>Details are tabulated in the announcement.</li> </ul>

For personal use only

Criteria	JORC code explanation	Commentary
<b>Data aggregation methods</b>	<ul style="list-style-type: none"> <li>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.</li> <li>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.</li> <li>The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul>	<ul style="list-style-type: none"> <li>REE grades reported refer to solution collected to monitor the ISR process.</li> <li>No metal equivalent values are reported.</li> </ul>
<b>Relationship between mineralization widths and intercepted lengths</b>	<ul style="list-style-type: none"> <li>These relationships are particularly important in the reporting of Exploration Results.</li> <li>If the geometry of the mineralisation with respect to the drill hole angle is known. its nature should be reported.</li> <li>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').</li> </ul>	<ul style="list-style-type: none"> <li>REE grades reported refer to solution collected to monitor the ISR process.</li> <li>Mineralisation orientation is assumed to be flat.</li> </ul>
<b>Diagrams</b>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Maps and tables of the auger hole's location and target location are inserted.</li> </ul>
<b>Balanced reporting</b>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>REE grades reported refer to solution collected to monitor the ISR process.</li> </ul>
<b>Other substantive exploration data</b>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>No other significant exploration data has been acquired by the Company.</li> </ul>

For personal use only

Criteria	JORC code explanation	Commentary
<b>Further Work</b>	<ul style="list-style-type: none"> <li>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>Diagrams clearly highlighting the areas of possible extensions. including the main geological interpretations and future drilling areas. provided this information is not commercially sensitive.</li> </ul>	<ul style="list-style-type: none"> <li>Additional metallurgical test work with magnesium sulphate leach.</li> <li>Extraction of PLS for stream line precipitation and impurity removals at ANSTO.</li> <li>Detail topography survey with LIDAR for mine planning</li> <li>Geophysics survey, Electro resistivity to define the saprolite/fresh rock boundary and faults in the rock.</li> </ul>

#### Appendix 2 – List of Drill Hole Collars

Hole ID	East	North	RL (m)	Depth (m)	Azimuth	Dip
TANKS	185682,99	9183028,31	146,27	na		
HI01-F1	185670,65	9183034,56	144,36	10.0	0	-90
HI01-F2	185673,64	9183034,40	144,25	9.7	0	-90
HI01-F3	185676,63	9183034,13	144,40	9.3	0	-90
HI01-F4	185679,64	9183033,91	144,36	11.2	0	-90
HI01-F5	185682,60	9183033,81	144,55	11.5	0	-90
HI01-F6	185672,24	9183037,43	143,99	11.6	0	-90
HI01-F7	185675,16	9183037,22	143,81	11.4	0	-90
HI01-F8	185678,26	9183036,92	143,90	10.7	0	-90
HI01-F9	185681,29	9183036,74	143,67	10.0	0	-90
HI02-F1	185658,77	9183055,00	141,37	5.7	0	-90
HI02-F2	185660,73	9183054,87	141,58	5.7	0	-90
HI02-F3	185662,73	9183054,95	141,38	5.7	0	-90
HI02-F4	185658,75	9183057,06	141,16	5.7	0	-90
HI02-F5	185660,59	9183056,71	141,08	5.7	0	-90
HI02-F6	185662,62	9183056,84	141,21	5.7	0	-90
HI02-F7	185658,54	9183059,01	140,83	5.7	0	-90
HI02-F8	185660,56	9183058,92	140,69	5.7	0	-90
HI02-F9	185662,53	9183058,74	140,80	5.7	0	-90
HI02-F10	185659,77	9183057,94	140,82	12.0	0	-90
HI02-F11	185659,62	9183060,83	140,37	12.0	0	-90
HI02-F12	185659,51	9183062,82	140,09	12.0	0	-90

For personal use only