MAGNUM MINING AND EXPLORATION LIMITED

ASX Release
30 January 2026

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ABN 70 003 170 376

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MGU

OTC Code
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QUARTERLY ACTIVITIES REPORT

For the Period Ending 31 December 2025

Magnum Mining & Exploration Limited (ASX: **MGU**) (**Magnum** or the **Company**) is pleased to provide a summary of its activities.

HIGHLIGHTS

- **Two drilling programmes commenced** across Magnum's highly prospective Palmares REE and Azimuth REE Projects.
- Acquisition of the Wet Mountains REE Project, **with historical surface assays up to 7.99% (79,900ppm) TREE.**
- **Ultra-high resolution airborne geophysics** completed over the Parker Walker Trend & La Cienega **Au-Cu-Ag Projects**.
- Leach testing at Feirinha returned >**1,100ppm TREO** from simple leach tests at ambient temperatures & low residency times, **confirming high-value magnet feedstock potential.**
- Binding MoU executed with HomeRun to **advance REE separation technology.**
- Continued evaluation of a **critical minerals processing hub** at the Lovelock (Huxley & Colado) sites in Nevada, with further advancement intended to follow **further metallurgical work and receipt of assays** from the drilling underway in Brazil.
- **Oversubscribed A$7.0 million capital raise completed** to support the Company's strategy to develop a critical minerals business for U.S. and allied markets.

POST-QUARTER

- Progress across the Palmares REE and Azimuth REE Projects continued **with four rigs**, with RC and auger programs **both continuing to advance and remaining within budget.**
- First REE drill samples from the Azimuth REE Project delivered to ALS Laboratory (Brazil), with initial assay results due early February.

BRAZIL RARE EARTH ELEMENT ('REE') PROJECTS

Palmares REE Project – Feirinha Prospect Leach Test Results

During the Quarter, on 2 October 2025[1], Magnum announced preliminary results for leach test work that was undertaken[2] on high-grade samples taken from its 100% owned Palmares Rare Earth Element (REE) Project ("**Palmares REE Project**", illustrated as part of Figure 1). Leach testing of high-grade samples (tenement 871332/2020, referred to as the "**Feirinha Prospect**") commenced to assess recovery rates and processing pathways. This work followed exceptional trenching and sampling results, which had previously returned up to 1.69% (16,884 ppm) TREO in trench sampling and 1.31% (13,082ppm) TREO from rock chip sampling in an extensive area of hard rock mineralisation.[3]

Figure 1 – Magnum's Azimuth and Palmares REE Projects are located across the states of Bahia, Minas Gerais and Goias states in south-central Brazil. The area is experiencing intense exploration in this emerging REE region.

Leach tests at very low residency times were achieved (5 minutes compared to some peers[4] of 30 minutes) and room temperature, deliver leachates in excess 1,100ppm TREO (338ppm MREO) from hard rock samples (Table 1).

[1] Refer to ASX release, *"Breakthrough REE Test Work Delivers Exceptional Results"*, 2 October 2025
[2] Refer to ASX release, "*HIGH-GRADE RARE EARTH LEACH TESTING BEGINS"*, 29 August 2025
[3] Refer to ASX release, "*Palmares Delivers up to 1.69% TREO Grades (Revised)"*, 20 December 2024
[4] Refer to ASX releases, ASX:VMM, 20 March 2024 *"80% Average Ionic Recoveries from First Colossus Hole"*, & ASX:BRE, 12 June 2025, *"Monte Alto Metallurgical Results Successfully Deliver High-Purity MREC"*.

	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Y	TREO	MREO	HREO
Min ppm	2.72	13.35	0.82	2.76	0.37	0.03	0.24	0.03	0.12	0.02	0.05	0.01	0.03	0.01	0.44	**27.8**	5.1	1.13
Max ppm	151.5	500.0	43.4	169.5	29.1	4.4	23.5	3.4	18.9	2.8	6.3	0.6	2.9	0.3	59.4	**1162**	*338*	*273.5*

Table 1 - Summary of leach assays from 23 Feirinha samples. Leaching was carried out at a pH of 2 with a five minute residency time.[1]

Significantly, the recovered NdPr values ranged up to 212ppm and over 270ppm of the more valuable Heavy REE, confirming high-value magnet feedstock potential. Further the Low Th and U levels (deleterious elements) enhance the prospect's metallurgical and permitting outlook. Magnum believes the work considerably derisked the project and provides the Company with confidence to undertake exploratory drilling, where G2 pegmatites were mapped for ~1.3km strike length (with known repetitions to exist along strike).[5]

Palmares & Azimuth REE Projects – Drilling Programs Announced

During the Quarter, on 3 October 2025[6], Magnum announced its intention to commence first pass auger drilling program on its Azimuth REE Project in Brazil (Figure 2). A total of 19 high priority areas were chosen for follow up (Figure 3). Magnum noted that thorium radiometric signatures of selected prospects (Figure 4) at the Azimuth Project could be compared to that of Appia's area (Figure 5). Significantly, no historic exploration activity has occurred on any of these areas, representing novel green fields opportunities for the Company.

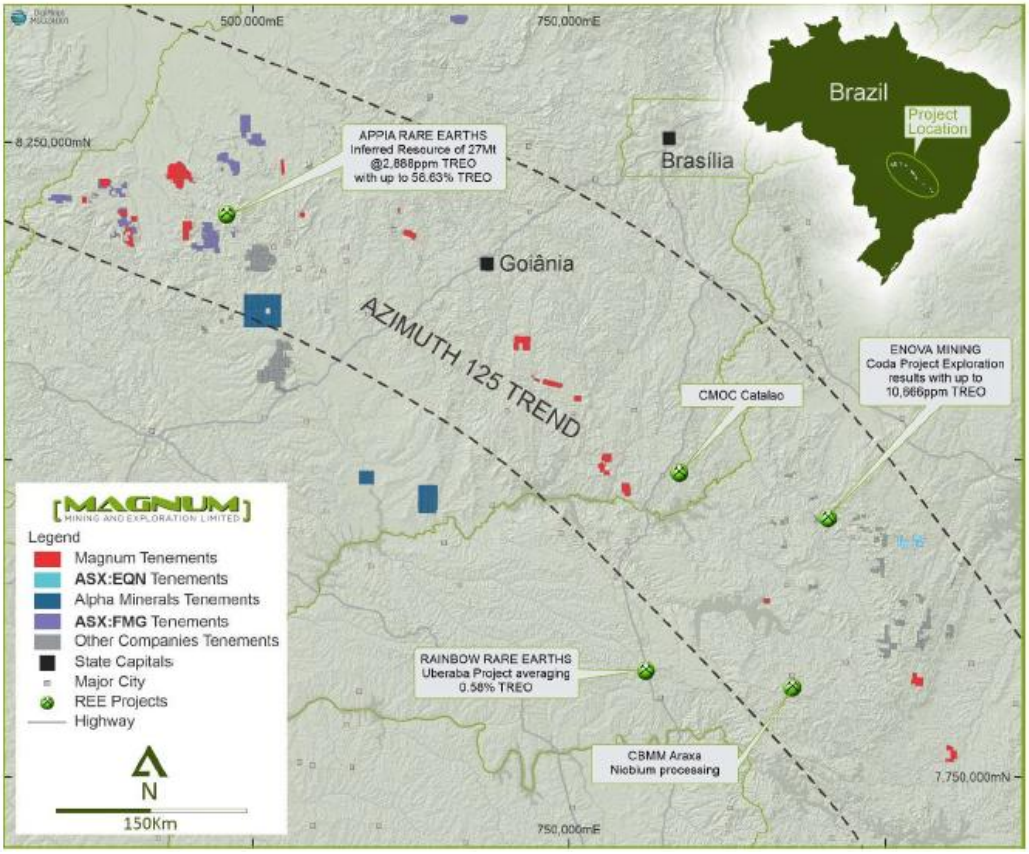

Figure 2 - The Azimuth Project is centred on the Azimuth 125° Lineament. The lineament is associated with significant REE mineralisation with Appia, Enova and Rainbow announcing exploration success. The tenements straddle the north-north-east trending Transbrazilian Lineament at its intersection with the Azimuth 125° Lineament.[6]

[5] Refer to ASX release, *"High Grade Rare Earth Leach Testing Begins"*, 29 August, 2025
[6] Refer to ASX release, "*Auger Drilling to Start on Brazil Rare Earths Project"*, 3 October 2025

Figure 3 - REE prospects identified on Magnum's Azimuth Project (Yellow dots). The local road network provides easy access to these prospects. Note proximity to the city of Brasilia.[6]

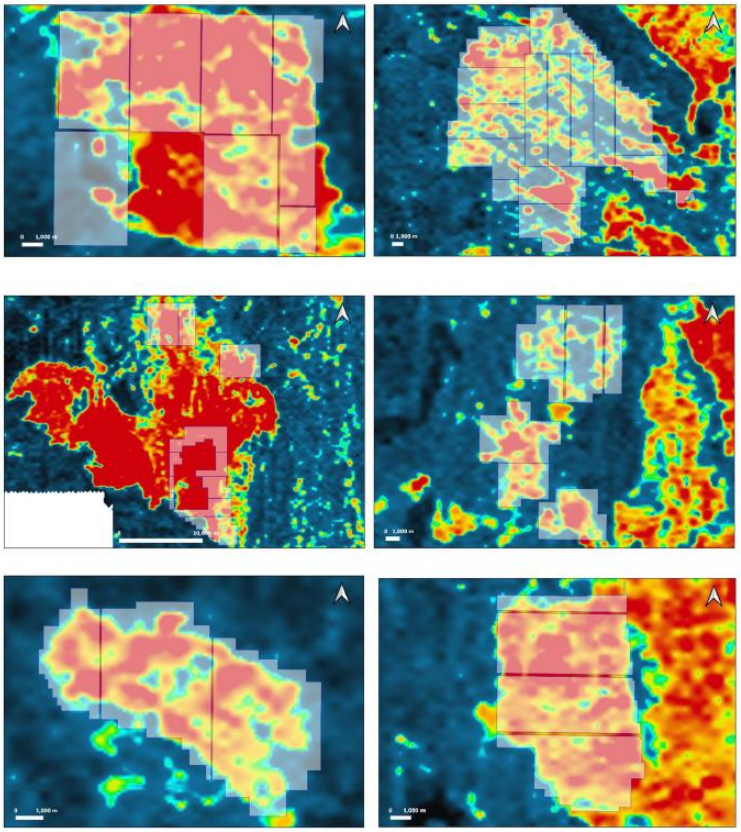

Figure 4[6] - Thorium signatures for selected targets. White shaded areas are Magnum's leases. Note scale bar in each image. The targets are:
Top left – Piracanjuba. **Top Right** - Montes Claros de Goiás.
Middle Left – Piranhas. **Middle Right** – Corumbaiba.
Bottom Left – Anicums. **Bottom Right** – Cumari.

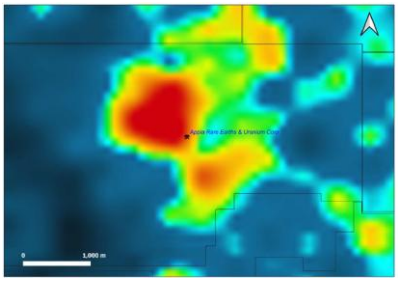

Figure 5[6] - Image of airborne radiometric thorium channel over Appia's PCH Project, Brazil. Note scale bar.

During the Quarter, on 7 October 2025,[7] Magnum announced that it was initiating a drilling campaign on priority targets that had been identified at its Azimuth and the Palmares REE Projects. Four of a total of 19 targets identified would be tested in the first phase of drilling at the Azimuth Project. This includes Piranhas and Montes Claros de Goias (Figure 6, proximal to ASX: FMG and CSE: API) and Piracanjuba and Corumbaiba (Figure 7, within 50km from CMOC Brazil Niobium Mine).

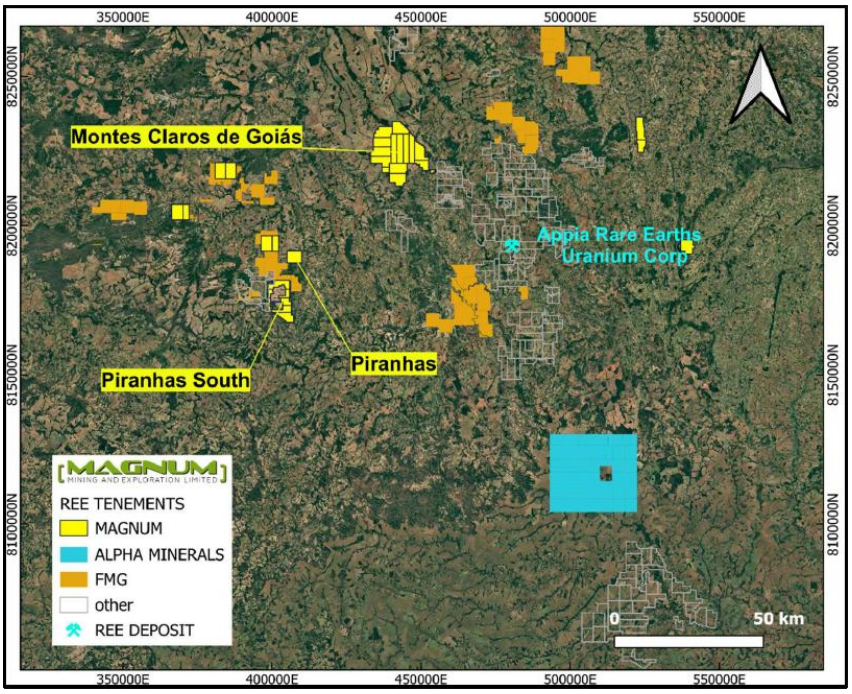

Figure 6 - Magnum's REE targets in the western part of the Azimuth REE Project. Note proximity to Alpha's REE deposit.[7]

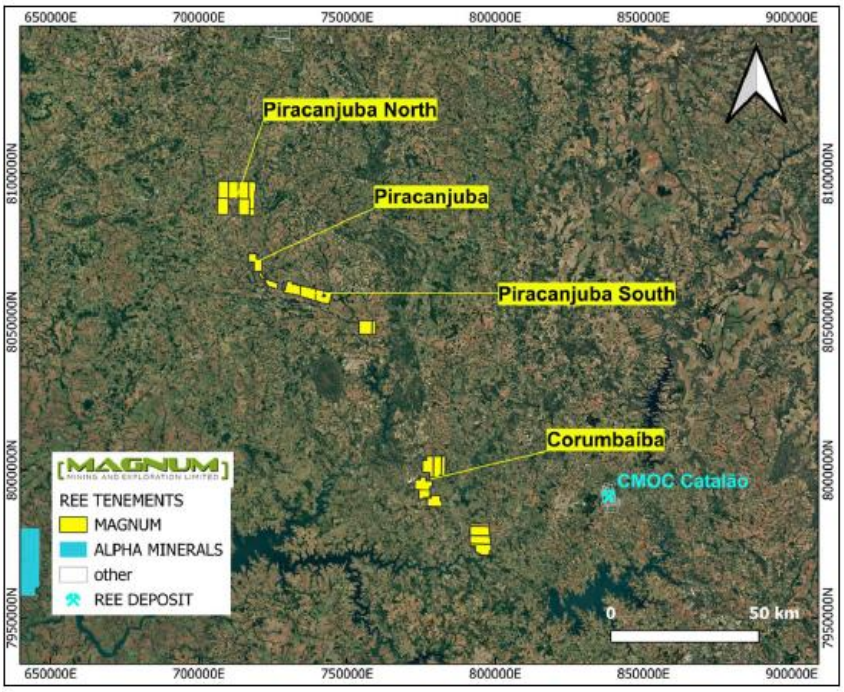

Figure 7 - Magnum's REE targets in the eastern part of the Azimuth REE Project. CMOC Catalao (subsidiary of China Molybdenum Co., Ltd.) is a producing niobium mine.[7]

[7] Refer to ASX release, *"GREEN LIGHT RECEIVED TO DRILL TEST BRAZIL REE TARGETS"*, 7 October 2025

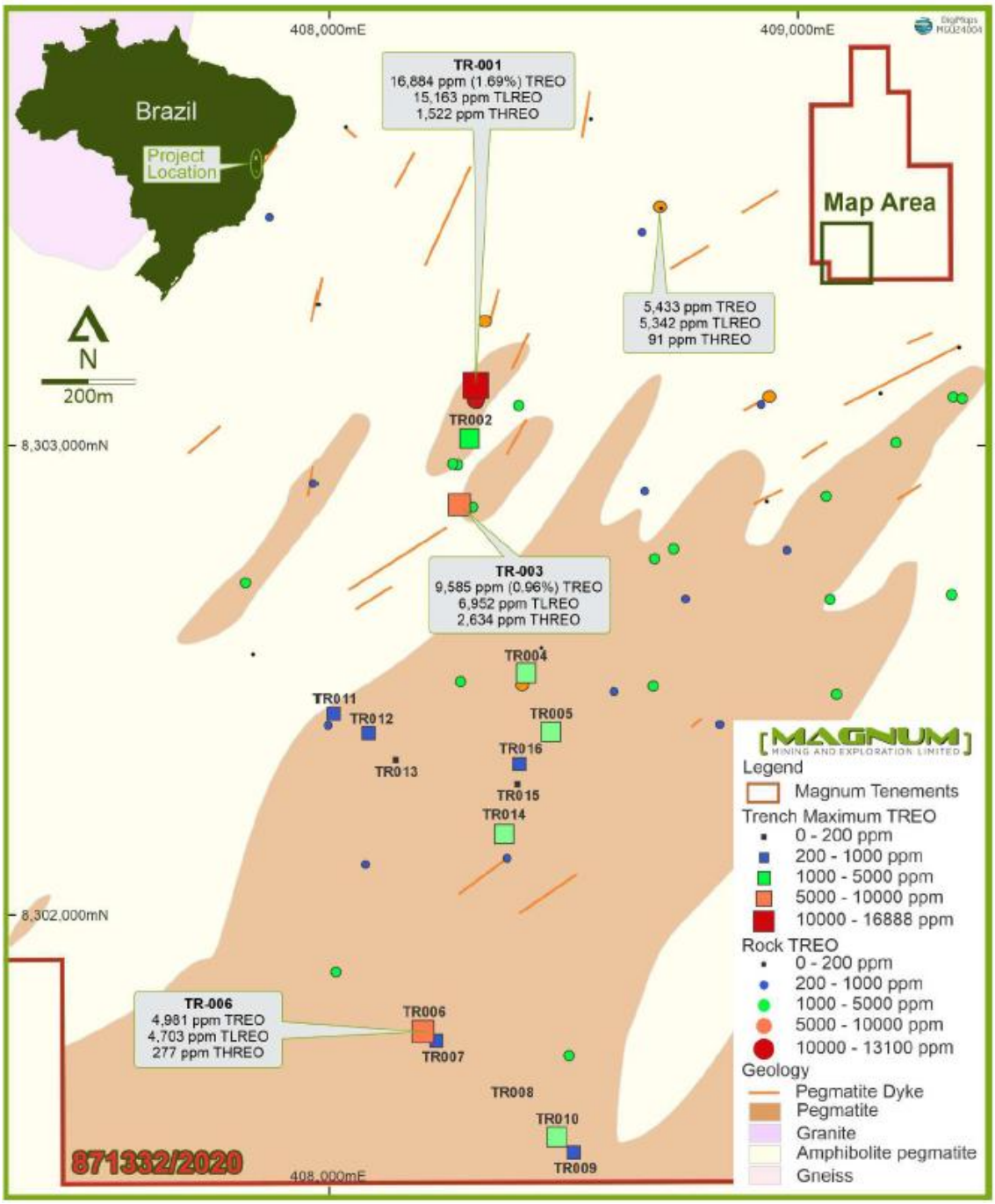

Figure 8 – Summary of geochemistry results from the Feirinha Prospect (Palmares REE Project).[7]

Palmares & Azimuth REE Projects – Drilling Programs Advanced

During the Quarter, on 14 November 2025,[8] Magnum announced that auger drilling had commenced on the Company's Azimuth REE Project. The auger drilling programme was noted to have a notional target of 333 holes for 1,665m, with drilling sampling the peaks of radiometric anomalies to a nominal depth of 5m. Following the end of the Quarter, average drill depths were subsequently increased from the previously planned 5m to 12m over Piracanjuba, with drilling extended where visual soil characteristics indicated prospective horizons consistent with clay layers that are regionally associated with rare earth mineralisation (refer to heading "*Palmares & Azimuth REE Projects – Drilling Program Update*" below).

[8] Refer to ASX release, *"DRILLING UNDERWAY ON HIGH-PRIORITY REE PROSPECTS"*, 14 November 2025

Figure 9 - Auger drilling to be undertaken by two three-man crews. Samples are to be collected at each 0.5m interval to a nominal depth of five metres at each site. Assaying will be done by ALS Laboratory, Brazil.[8]

During the Quarter, on 1 December 2025,[9] Magnum advised that a Reverse Circulation ("**RC**") drill programme with two drill rigs had commenced at the high-grade Feirinha Prospect, located at the Company's Palmares REE Project. The RC drill rigs are illustrated below in Figures 10 & 11.

Figure 10 (Left) - 1st RC Drill rig to undertake drilling at Feirinha. **Figure 11** (Right) – 2nd RC Drill rig to undertake drilling at Feirinha.[9]

[9] Refer to ASX release, "*TWO RIG DRILL PROGRAM COMMENCES OVER HIGH-GRADE FEIRINHA REE PROSPECT*", 1 December 2025

The RC drilling programme plan was noted to consist of 133 holes for a total of 2,000m. It was noted that drilling was to be done on a grid to a notional depth of 15m to map out and assess the grade of potentially REE-bearing ionic clays associated with REE bearing pegmatite dykes.

The Company noted that while the earlier focus has been on the pegmatite dykes (example shown in Figure 6), a relatively thick overburden of possibly ionic clays has been recognised. The RC drilling is anticipated to test the thickness, continuity, and grade of these clays. The drilling programme is specifically targeted for mineralisation at or near surface, providing a pathway to a potential low-cost REE discovery.

Figure 12 - Exposed pegmatite dyke in trench TR-001. This is one dyke of a swarm of similar dykes mapped at the Feirinha Prospect, located at the Company's Palmares REE Project.[10]

Palmares & Azimuth REE Projects – Drilling Program Update

Following the end of the Quarter, on the 6 January 2026,[11] Magnum provided an update on its ongoing active drilling activities at the Company's highly prospective Palmares and Azimuth REE Projects in Brazil.

It was reported that shallow RC drilling at the Feirinha REE prospect had progressed (Figure 13) with the resumption of drilling activities on 5 January following a planned Recesso period. By 6 January 2025, 15 holes for 225m had been completed out of a planned 143 holes for 2,145m. It was noted that the speed of the drilling program had been impacted by seasonal rain, which affected access to planned drilling locations. Magnum anticipates that the drilling program is planned to be undertaken on a 24-hour basis with 2 RC rigs operating in alternating 12-hour shifts, which is expected to accelerate drilling progress. As of the date of this Quarterly Activities report, the program remains within budget and drilling activities are expected to continue advancing as seasonal rainfall permits.

[10] Refer to ASX release, *"Magnum Funded Corporate Strategy Presentation"*, 23 October 2025
[11] Refer to ASX release, "*REE DRILLING AND EXPLORATION ACTIVITIES UPDATE"*, 6 January 2026

The drilling program at the Feirinha prospect is designed to assess the high levels of REE in previous surface and trench samples[12], by testing for lateral continuity and depth extent.

Figure 13 – Left: RC drilling on the Palmares REE Project, at the Feirinha Prospect. Right: Field technicians preparing RC drill samples from Feirinha.[11]

At Magnum's Azimuth REE Project, the Company noted that a total of 155m of the planned 1,665m program had been completed by 6 January 2026. The rate of progress was impacted due to a delay in the mobilisation and commencement of full-time operation of a second auger drill rig. Ongoing drilling activities are planned to be supported by two auger rigs operating concurrently in line with the planned auger drilling program.[13] As of the date of this Quarterly Report, the auger drilling program at the Azimuth REE Project remains within budget.

At the Azimuth REE Project, by 6 January 2026, drilling completed had targeted ionic clay hosted REE prospects and focused on the high priority Piracanjuba target (Figure 14). It was noted that initial indications are that thick sequences of clays from surface exist. Average drill depths were increased from the previously planned 5m to 12m over Piracanjuba, with drilling extended where visual soil characteristics indicated prospective horizons consistent with clay layers that are regionally associated with rare earth mineralisation.

Magnum noted that the first batch of REE samples from Piracanjuba had been delivered to ALS Lab in Brazil and were undergoing processing for assay (Figure 15). Currently, the first assay results from the program are expected by early February.

[12] Refer to ASX release, "*TWO RIG DRILL PROGRAM COMMENCES OVER HIGH-GRADE FEIRINHA REE PROSPECT*", 1 December 2025

[13] Refer to ASX release, *"DRILLING UNDERWAY ON HIGH-PRIORITY REE PROSPECTS"*, 14 November 2025

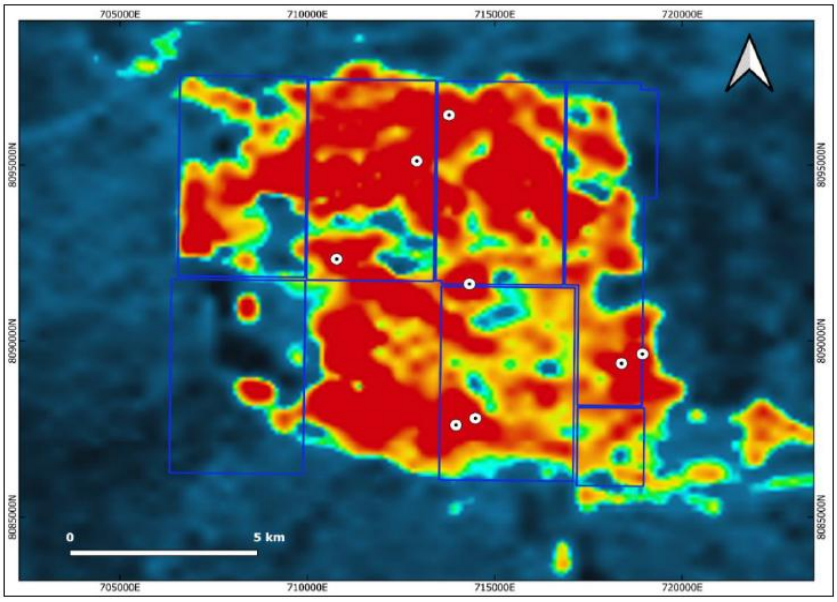

Figure 14 - Piracanjuba, Piracanjuba North, and Piracanjuba East REE targets. Auger drill hole locations on the image is the thorium channel from an airborne radiometric survey (Note the scale bar).[14]

Figure 15 – Samples arrived at ALS Lab in Brazil from the high-priority Piracanjuba target.

[14] Refer to ASX release, *"RARE EARTH EXPLORATION TARGETS IDENTIFIED AT AZIMUTH"*, 11 December 2024, Figure 5 Block 11, and "*Auger Drilling to Start on Brazil Rare Earths Project",* 03 October 2025, Figure 5, Top Left corner.

U.S.A PROJECTS

Acquisition of Wet Mountains Rare Earth Element (REE) Project

During the Quarter, on 11 December 2025[15], Magnum announced that it had entered into a Binding Term Sheet to acquire Wyoming Critical Minerals, Inc. (WCM), the sole owner of the Wet Mountains Rare Earth Element (REE) Project, a highly prospective REE project located in central Colorado, U.S.A. The proposed acquisition aligns with Magnum's focus to be at the forefront of U.S. aligned critical minerals supply.

The Wet Mountain REE Project exhibits both scale and high-grade surface REE anomalism that is comparable to, or higher than, many early-stage discoveries. The combination of elevated assays, favourable host lithologies, and structural corridors focused at intrusive contacts presents multiple high-priority exploration targets for rapid assessment.

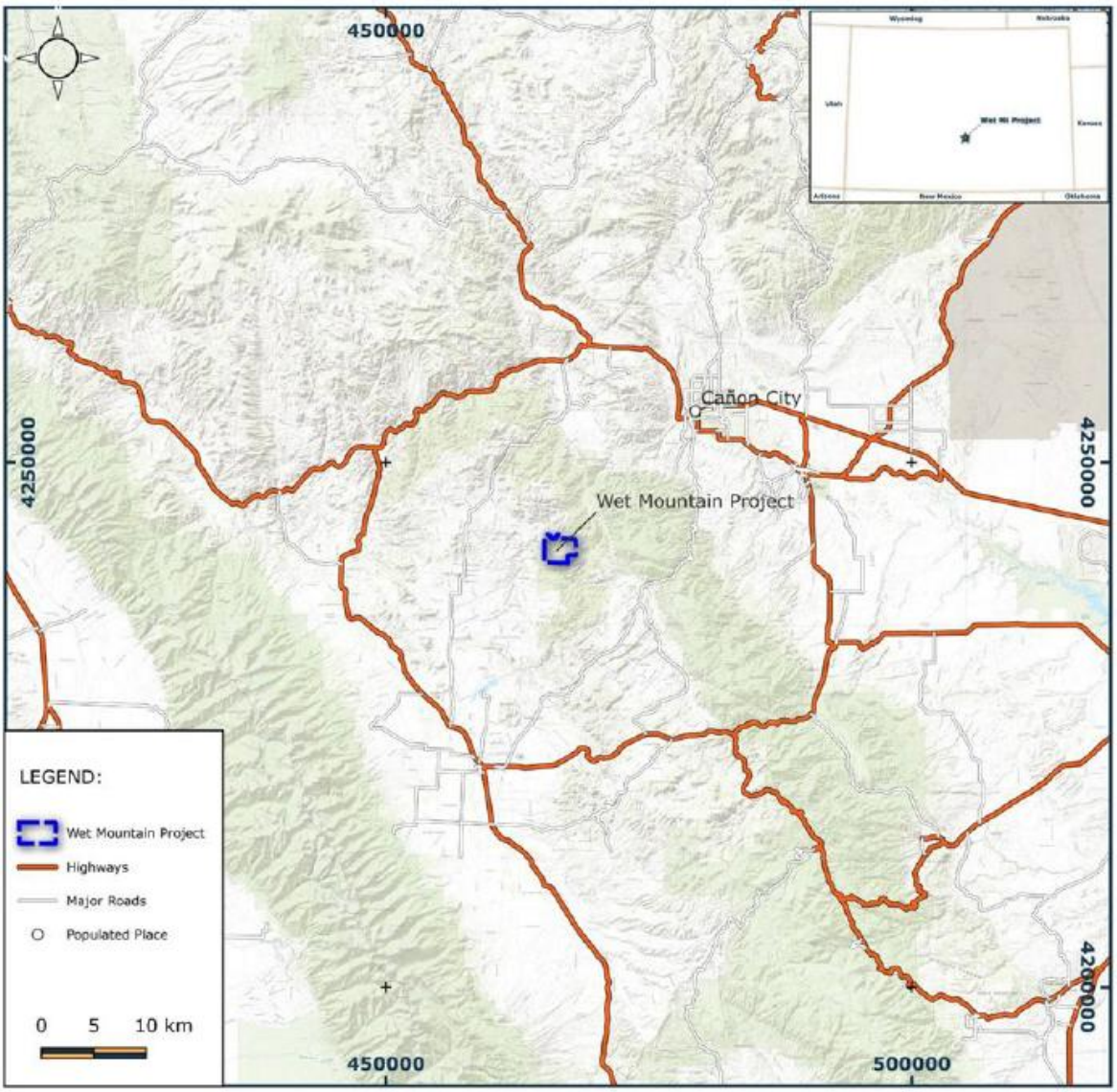

Figure 16 - Wet Mountain REE Project location and infrastructure map, Colorado, USA.[15]

The Wet Mountain area has been historically well known for thorium and uranium mineralisation. Historical exploration has been centred on the Haputa Ranch - a thorium, gold, REE, barium-barite, and lead mine located in Custer County, Colorado. The area has had intensive investigation by the

[15] Refer to ASX announcement, "*US REE PROJECT ACQUIRED WITH ASSAYS UP TO 7.99% TREE*", 11 December 2025.

United States Geologic Survey (USGS), particularly in reference to the thorium exploration interest of the 1950s.[16]

As part of those investigations, areas of exceptional grades of REE mineralisation were defined by surface sampling of outcropping carbonatite dykes[17]. In the area of the Wet Mountain claims, up to 7.99% (79,900ppm) Total Rare Earth Elements (TREE) were delineated with zones of over 1% TREE being evident (Figure 2)[18]:

Sample ID	Easting (m)	Northing (m)	La ppm	Ce ppm	Pr ppm	Nd ppm	Sm ppm	Eu ppm	Gd ppm	Dy ppm	Ho ppm	Er ppm	Tm ppm	Yb ppm	Y ppm	TREE ppm	TREE %
75A-217	467081	4242338	10000	10000	1500	5000	700	150	200	200	20	0	0	15	300	**28085**	**2.81**
75A-218	466346	4241256	15000	15000	2000	7000	1000	300	300	200	30	0	0	15	300	**41145**	**4.11**
75A-219	466616	4241021	10000	10000	1500	5000	1000	150	300	200	30	0	0	50	700	**28930**	**2.89**
75A-220	466650	4241173	5000	5000	500	3000	700	150	500	300	50	0	0	20	1000	**16220**	**1.62**
75A-221	466921	4242514	30000	20000	5000	20000	2000	300	700	500	100	200	30	70	1000	**79900**	**7.99**
76A-444	467780	4241714	700	0	0	0	700	0	0	0	0	0	0	7	70	**1477**	**0.15**

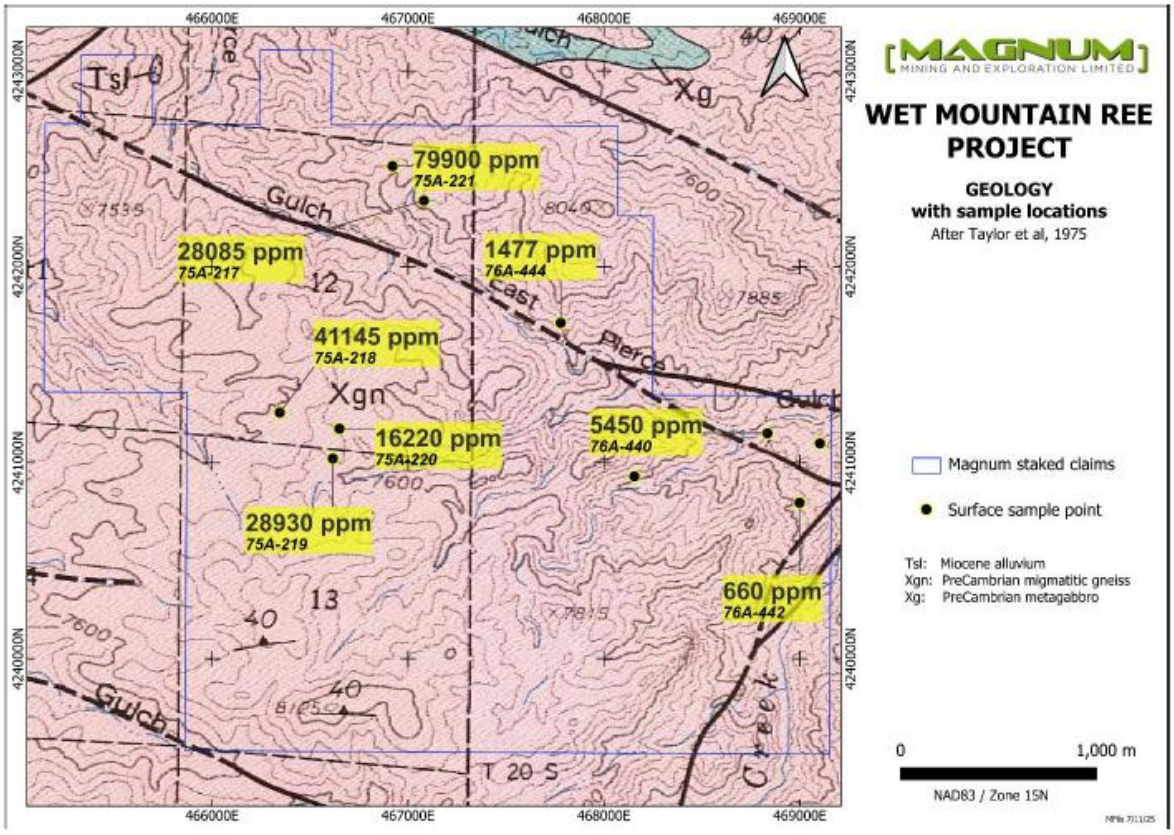

Figure 17 - Surface TREE assays on the Wet Mountain REE Project. Assays of up to 79,900ppm (7.99%) TREE are evident. Geology is after Taylor et al (1975).[15]

A heavy REE (HTREE) component of up to 1,900 ppm and up to 5,000 ppm Pr, 20,000 ppm Nd, and 2,000 ppm Sm are noted. On this basis, the area has the potential to host a commercially viable REE deposit.

[16] Armbrustmacher, T.J., 1988, Geology and resources of thorium and associated elements in the Wet Mountains area, Fremont and Custer Counties, Colorado: U.S. Geological Survey Professional Paper 1049-F, 34 p.
[17] Armbrustmacher, T.J., and Brownfield, I.K., 1978, Carbonatites in the Wet Mountains area, Custer and Fremont Counties, Colorado: Chemical and mineralogical data: U.S. Geological Survey Open-File Report 78-177, 7 p.
[18] Taylor, R. B., Scott, G. R., Wobus, R. A., and Epis, R. C., 1975, Reconnaissance geologic map of the Cotopaxi 15-minute quadrangle, Fremont and Custer Counties, Colorado: U.S. Geol. Survey Map 1-900.

Cautionary Statement: The results quoted above are based on historic sampling collected and assayed by the USGS. While primary information has been sourced and cited, the results must be treated with caution until the area is resampled using modern techniques and assayed using industry standard procedures and QA/QC controls. The reader is cautioned that the grades are conceptual in nature and it is uncertain if further exploration will confirm these results. It is recommended that investors consult with a qualified professional to assess the risks associated with investing in projects that use historical results.

Anomalous REEs coincide with structural intersections and intrusive contacts and are hosted by carbonatite rocks occurring in felsic/hornblend gneisses, granitic units, and other intrusives. Carbonatites are the classic host to many of the world's REE deposits including Bayan Obo (China), the world's largest REE deposit; Mountain Pass (USA), a major light REE source; and Mount Weld (Australia)[19]. Their presence highlights the credibility of the exploration model being pursued.

Magnum noted that it had gained access to an existing moderate resolution aeromagnetic and radiometric survey, which it considers to be a rarity in the USA. This data shows the major structural corridors with which the REE are associated and will be used to guide the exploration drilling campaign (Figure 18). Gravity data also exists over the area and will be used to support of the interpretation of the aeromagnetic data.

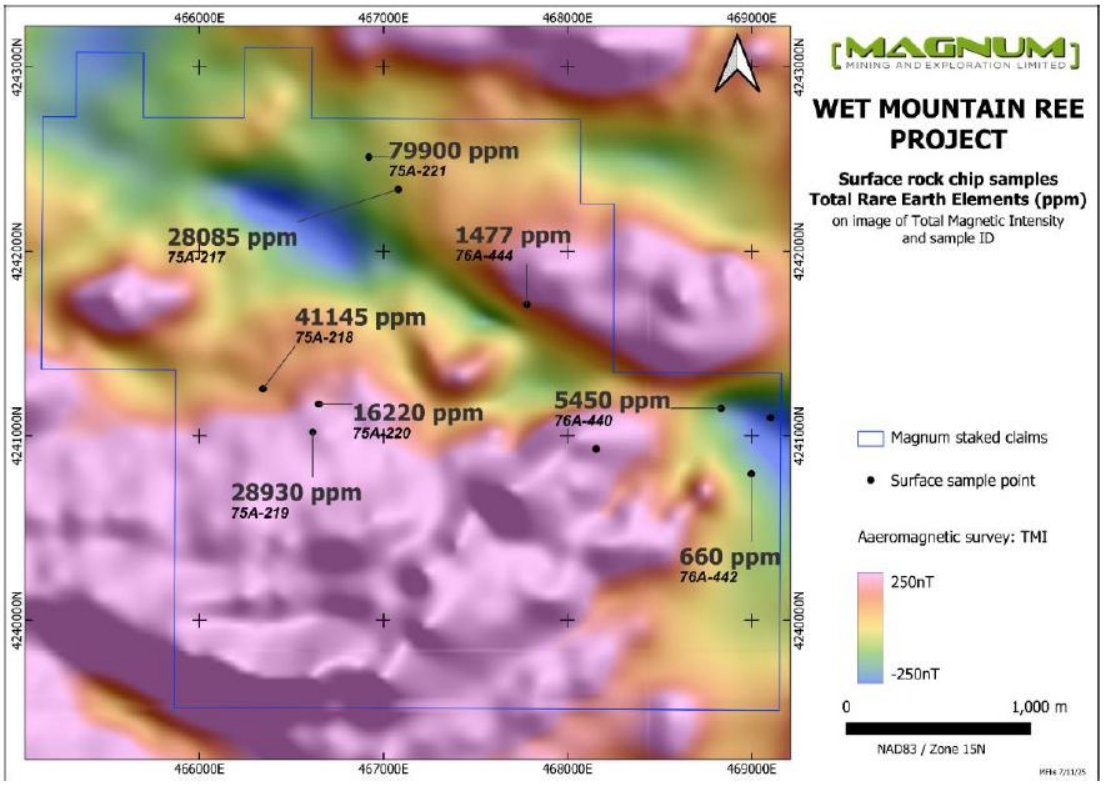

Figure 18 - Image of the Total Magnetic Intensity (TMI) over the Wet Mountain REE Project area. This survey was done at a flight line spacing of 150m and a sensor height of 80m and is considered high resolution in the USA.[15]

With over 10.47 km² of tenure and multiple high-grade corridors, the Wet Mountain REE Project offers Magnum the opportunity to uncover a new REE greenfield discovery in the United States. Magnum is moving quickly to convert the exceptional dataset it has available into drill-ready targets, positioning the Company at the forefront of America's critical minerals push.

[19] David A. Neave, Martin Black, Teal R. Riley, Sally A. Gibson, Graham Ferrier, Frances Wall, Sam Broom-Fendley; On the Feasibility of Imaging Carbonatite-Hosted Rare Earth Element Deposits Using Remote Sensing. Economic Geology 2016;; 111 (3): 641–665. doi: https://doi.org/10.2113/econgeo.111.3.641

High-res Geophysics Commissioned at Walker Trend Gold and Copper Projects

During the Quarter, on 17 December 2025,[20] Magnum announced that very high resolution airborne geophysical surveys have been commissioned over two of Magnum's high grade copper-gold claims, the Parker Gold Project ("**Parker**") and the La Cienega Project ("**La Cienega**") in Arizona, U.S.A (Figure 19).

Figure 19 – The location of the Parker Gold and La Cienega Projects in Arizona, USA.[20]

Magnum commissioned Precision GeoSurveys Inc. to undertake a very-high resolution airborne geophysics survey over the two project areas. The survey comprised a helicopter-borne programme flown at 20m above ground level on lines spaced 40m apart. The Company opted for a manned platform rather than drone, as it will deliver higher accuracy aeromagnetic data and also include the collection of high resolution gamma ray spectrometer data.

During the Quarter, on 30 December 2025,[21] Magnum announced that this ultra-high resolution aeromagnetic and radiometric survey had completed.

[20] Refer to ASX release, "*HIGH-RES GEOPHYSICS COMMISSIONED AT WALKER TREND GOLD AND COPPER PROJECTS"*, 17 December 2025

[21] Refer to ASX release, "*GEOPHYSICAL SURVEY COMPLETE OVER HIGHLY PROSPECTIVE WALKER TREND PROJECTS*", 30 December 2025

Figure 20 - Helicopter used for the ultra-high resolution airborne aeromagnetic and radiometric survey at the Parker Gold (Cu-Au) Project, shown at the base station magnetometer.[21]

Magnum noted that preliminary images of the unprocessed data exhibited a great deal of detail that was not evident in existing geological mapping. Once the final processed data are received, Magnum intends to move forward with the next phase of exploration.

Soil Sampling Program

During the Quarter, on 30 December 2025,[22] Magnum announced that it would seek to undertake a detailed surface sampling program across at the Parker Gold Project. The programme is expected to comprise systematic soil sampling along 100m spaced profile lines, with samples collected at nominal 50-100m intervals to provide consistent coverage and support the delineation of geochemical anomalies. In addition, targeted rock-chip sampling will focus on previously identified mineralised structures and alteration zones, including mapped veining and brecciation associated with known gold and copper mineralisation. Soil samples will be screened using pXRF prior to laboratory submission, with only samples exceeding predefined thresholds selected for laboratory analysis.

Geochemical results from the surface sampling programme are expected to be integrated with data from the completed heliborne magnetic survey and updated geological interpretation. This integrated approach is expected to refine and prioritise drill targets and support the planning of follow up drilling at the Parker Gold Project.

U.S. Critical Minerals Processing Hub

During the Quarter, Magnum continued to evaluate the potential establishment of a Critical Minerals processing hub at its 100% owned Huxley and Colado sites (Lovelock Processing Hub) in Nevada, U.S.A. The Lovelock Processing hub is strategically positioned adjacent to Interstate highway with direct rail access and within close proximity to the Hawthorne Military Depot, a key U.S. facility for critical minerals stockpiling (Figure 21).

Currently, Magnum intends to sequence further activities at Lovelock to follow metallurgical programs and assay results from the ongoing drilling campaigns which are underway at its Palmares and Azimuth REE Projects in Brazil. Magnum considers that development across the Palmares and Azimuth REE Projects may potentially inform potential feedstock options at the Lovelock Processing Hub. Magnum continues to see potential to align the Lovelock Processing Hub with domestic U.S. critical mineral initiatives as well as possible FAST-41 eligibility and intends to pursue these opportunities further in due course.

[22] Refer to ASX release, "*GEOPHYSICAL SURVEY COMPLETE OVER HIGHLY PROSPECTIVE WALKER TREND PROJECTS*", 30 December 2025

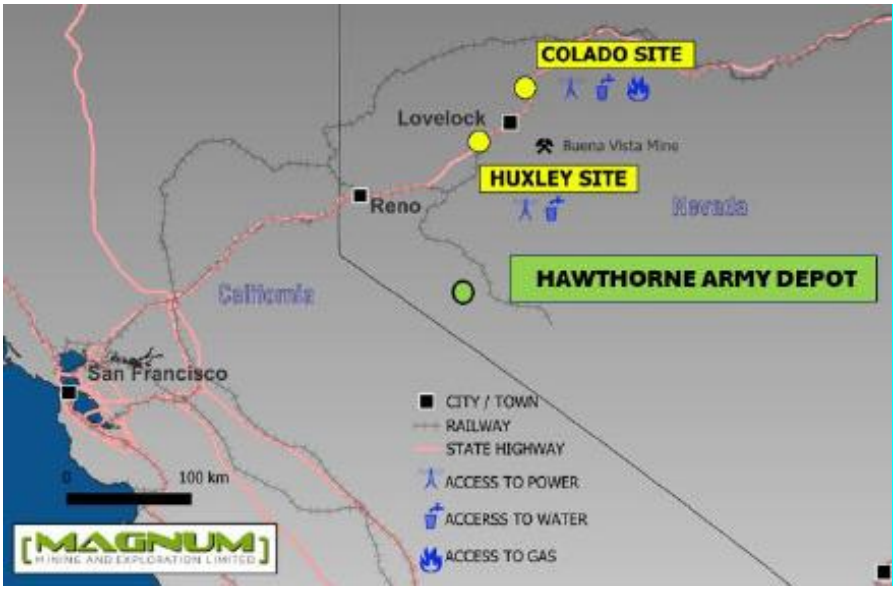

Figure 21 - Magnum's Lovelock Processing Hub Sites (Colado & Huxley) relative to the approximate location of Hawthorne Army Depot.[23]

OTHER GROWTH INITIATIVES

During the Quarter, 29 October 2025[24], Magnum announced that it had executed a binding MoU with Homerun Resources Inc. ("Homerun", TSXV:HMR, OTC:HMRFF), to jointly evaluate the application of Homerun's ultra-pure silica sand for the adsorption and chromatographic separation of REE samples supplied by Magnum.

Under the MoU, Magnum and Homerun will evaluate the use of Homerun's high-purity silica and graphite as potential column media for ion-exchange chromatography, as reported in scientific literature for REE separation. If successful, the program has the potential to lead to a lower-footprint alternative to conventional solvent extraction for REEs, and in particular, Heavy REEs. Any new process know-how or IP generated during testing will be jointly owned by the parties.

Recent peer-reviewed studies[25] report bench-scale continuous extraction chromatography on silica-based media achieving ≥99.9% purity for individual Heavy REEs using mineral-acid eluents, indicating potential process and environmental advantages versus conventional bulk solvent extraction.

The research initiative complements Magnum's focus to accelerate the development and commercialisation of its Brazilian REE projects. Magnum continues to engage with Homerun with the view of progressing work under the announced MoU framework.

Currently, Magnum is awaiting further assay results from drilling across its Palmares and Azimuth REE Projects in Brazil, prior to considering further advancements with Homerun.

CAPITAL RAISE

During the Quarter, on 13 October 2025,[26] Magnum announced that it had successfully raised $7m (before costs) via an oversubscribed placement.

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[23] Refer to ASX release, *"MAGNUM TO ADVANCE CRITICAL MINERALS PROCESSING HUB FOR ANTIMONY AND REE IN NEVADA, USA"*, 22 September 2025

[24] Refer to ASX release, "Magnum to Advance REE Separation Technology", 29 October 2025

[25] Journal of Chromatography, Volume 1745, 29 March 2025, *"Efficient extraction chromatography method for the separation of heavy rare earth elements from various sources."*, and Journal of Rare Earths, Volume 41, Issue 2, February 2023, *"Research progress of rare earth separation methods and technologies"*.

[26] Refer to ASX release, *"OVERSUBSCRIBED $7M PLACEMENT TO ADVANCE USA CRITICAL MINERALS STRATEGY"*, 13 October 2025.

GENERAL MEETING

During the Quarter, On 22 December 2025,[27] Magnum announced that all resolutions which were put to a General Meeting of Shareholders at 10:00 am (AWST) on 22 December 2025, were passed without amendment.

MINING TENEMENTS

A list of the Company's mining tenements as of the date of this Quarterly report can be found here.

APPENDIX 5B

Appendix 5B for the period is as attached.

The cash balance at the end of Q4 was $5.862m (Q3: $0.513m).

Net cash outflows from operating activities for Q4 were $1.179m

The major cash movements during the quarter included:

- net proceeds received from the Placement Tranches 1 and 2 $7.001m (including $0.001m from placement options subscriptions)
- payments for tenements acquired in previous quarters - $0.42m, and
- payments for exploration and evaluation of $0.902m including land holding costs geology, research and development and REE drilling in Brazil,

In accordance with ASX Listing Rule 5.3, the Company advises that there were:

- no substantive mining development or production activities conducted during the quarter, and
- no mining tenements acquired or disposed during the quarter.

Payments to related parties during Q4 were $0.060m.

This document has been authorised for release to the ASX by the Company's Board of Directors.

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[27] Refer to ASX release "*RESULTS OF GENERAL MEETING*", 22 December 2025

Competent Person's and Compliance Statement

The information in this announcement is based on information compiled by Mr Marcus Flis, a Competent Person who is a Fellow of the Australasian Institute of Mining and Metallurgy and a full time employee of Rountree Pty Ltd. Mr Flis has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 edition of the "Australasian Code for Reporting Exploration Results, Mineral Resources and Ore Reserves." Mr Flis consents to the inclusion of the matters outlined in this announcement the form and context in which they appear.

The information in the referenced announcements footnoted above (and listed below) that relate to Exploration Results has previously been released to the ASX. The Company confirms that it is not aware of any information or data that materially affects the information included in the market announcements, and that all material assumptions and technical parameters underpinning the announcements continue to apply. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcements.

ASX Announcements & Information referenced in this Quarterly activities release

1 ASX:MGU, *"Breakthrough REE Test Work Delivers Exceptional Results",* 2 October 2025
2 ASX:MGU, "*HIGH-GRADE RARE EARTH LEACH TESTING BEGINS",* 29 August 2025
3 ASX:MGU, "*Palmares Delivers up to 1.69% TREO Grades (Revised)",* 20 December, 2024
4 ASX:VMM, *"80% Average Ionic Recoveries from First Colossus Hole"*, 20 March 2024 & ASX:BRE, *"Monte Alto Metallurgical Results Successfully Deliver High-Purity MREC",* 12 June 2025
5 ASX: MGU, *"High Grade Rare Earth Leach Testing Begins",* 29 August, 2025
6 ASX:MGU, "*Auger Drilling to Start on Brazil Rare Earths Project",* 3 October 2025
7 ASX:MGU, *"GREEN LIGHT RECEIVED TO DRILL TEST BRAZIL REE TARGETS",* 7 October 2025
8 ASX:MGU, *"DRILLING UNDERWAY ON HIGH-PRIORITY REE PROSPECTS"*, 14 November 2025
9 ASX:MGU, "*TWO RIG DRILL PROGRAM COMMENCES OVER HIGH-GRADE FEIRINHA REE PROSPECT*", 1 December 2025
10 ASX:MGU, "*Magnum Funded Corporate Strategy Presentation*", 23 October 2025
11 ASX:MGU, "*REE DRILLING AND EXPLORATION ACTIVITIES UPDATE*", 6 January 2026
12 ASX:MGU, "*TWO RIG DRILL PROGRAM COMMENCES OVER HIGH-GRADE FEIRINHA REE PROSPECT*", 1 December 2025
13 ASX:MGU, *"DRILLING UNDERWAY ON HIGH-PRIORITY REE PROSPECTS"*, 14 November 2025
14 ASX:MGU, *"RARE EARTH EXPLORATION TARGETS IDENTIFIED AT AZIMUTH*", 11 December 2024, Figure 5 Block 11, and "*Auger Drilling to Start on Brazil Rare Earths Project",* 03 October 2025, Figure 5, Top Left corner.
15 ASX:MGU, "*US REE PROJECT ACQUIRED WITH ASSAYS UP TO 7.99% TREE*", 11 December 2025.
20 ASX:MGU, "HIGH-RES GEOPHYSICS COMMISSIONED AT WALKER TREND GOLD AND COPPER PROJECTS", 17 December 2025
21 ASX:MGU, "*GEOPHYSICAL SURVEY COMPLETE OVER HIGHLY PROSPECTIVE WALKER TREND PROJECTS*", 30 December 2025
22 ASX:MGU, "*GEOPHYSICAL SURVEY COMPLETE OVER HIGHLY PROSPECTIVE WALKER TREND PROJECTS*", 30 December 2025
23 ASX:MGU, *"MAGNUM TO ADVANCE CRITICAL MINERALS PROCESSING HUB FOR ANTIMONY AND REE IN NEVADA, USA",* 22 September 2025
24 ASX:MGU, "*Magnum to Advance REE Separation Technology*", 29 October 2025,
25 ASX:MGU, "*OVERSUBSCRIBED $7M PLACEMENT TO ADVANCE USA CRITICAL MINERALS STRATEGY",* 13 October 2025
26 ASX:MGU, "*RESULTS OF GENERAL MEETING*", 22 December 2025

Disclaimer

Forward-looking statements are statements that are not historical facts. Words such as “expect(s)”, “feel(s)”, “believe(s)”, “will”, “may”, “anticipate(s)”, “potential(s)”and similar expressions are intended to identify forward-looking statements. These statements include, but are not limited to statements regarding future production, resources or reserves and exploration results. All of such statements are subject to certain risks and uncertainties, many of which are difficult to predict and generally beyond the control of the Company, that could cause actual results to differ materially from those expressed in, or implied or projected by, the forward-looking information and statements. These risks and uncertainties include, but are not limited to: (i) those relating to the interpretation of drill results, the geology, grade and continuity of mineral deposits and conclusions of economic evaluations, (ii) risks relating to possible variations in reserves, grade, planned mining dilution and ore loss, or recovery rates and changes in project parameters as plans continue to be refined, (iii) the potential for delays in exploration or development activities or the completion of feasibility studies, (iv) risks related to commodity price and foreign exchange rate fluctuations, (v) risks related to failure to obtain adequate financing on a timely basis and on acceptable terms or delays in obtaining governmental approvals or in the completion of development or construction activities, and (vi) other risks and uncertainties related to the Company’s prospects, properties and business strategy. Investors are cautioned not to place undue reliance on these forward-looking statements that speak only as of the date hereof, and the Company does not undertake any obligation to revise and disseminate forward-looking statements to reflect events or circumstances after the date hereof, or to reflect the occurrence of or non-occurrence of any events.

Appendix 5B

Mining exploration entity or oil and gas exploration entity quarterly cash flow report

Name of entity	
Magnum Mining and Exploration Limited	
ABN	**Quarter ended ("current quarter")**
70 003 170 376	31 December 2025

Consolidated statement of cash flows		**Current quarter $A'000**	**Year to date (12 months) $A'000**
1.	**Cash flows from operating activities**		
1.1	Receipts from customers		
1.2	Payments for		
	(a) exploration & evaluation	(902)	(1595)
	(b) development		
	(c) production		
	(d) staff costs	(4)	(8)
	(e) administration and corporate costs	(273)	(1,337)
1.3	Dividends received (see note 3)		
1.4	Interest received		
1.5	Interest and other costs of finance paid		
1.6	Income taxes paid		
1.7	Government grants and tax incentives		
1.8	Other (provide details if material)		(1)
1.9	**Net cash from / (used in) operating activities**	**(1,179)**	**(2,941)**

2.	**Cash flows from investing activities**		
2.1	Payments to acquire or for:		
	(a) entities		
	(b) tenements	(42)	(270)
	(c) property, plant and equipment		
	(d) exploration & evaluation		

Consolidated statement of cash flows		Current quarter $A'000	Year to date (12 months) $A'000
	(e) investments		
	(f) other non-current assets		
2.2	Proceeds from the disposal of:		
	(a) entities		
	(b) tenements		
	(c) property, plant and equipment		
	(d) investments		
	(e) other non-current assets		
2.3	Cash flows from loans to other entities		
2.4	Dividends received (see note 3)		
2.5	Other (provide details if material)		
2.6	**Net cash from / (used in) investing activities**	**(42)**	**(270)**

3.	**Cash flows from financing activities**		
3.1	Proceeds from issues of equity securities (excluding convertible debt securities)	7,001	9,697
3.2	Proceeds from issue of convertible debt securities		
3.3	Proceeds from exercise of options		
3.4	Transaction costs related to issues of equity securities or convertible debt securities	(439)	(988)
3.5	Proceeds from borrowings		
3.6	Repayment of borrowings		
3.7	Transaction costs related to loans and borrowings		
3.8	Dividends paid		
3.9	Other (provide details if material)		
3.10	**Net cash from / (used in) financing activities**	**6,562**	**8,709**

4.	**Net increase / (decrease) in cash and cash equivalents for the period**	**5,341**	**5,498**
4.1	Cash and cash equivalents at beginning of period	513	357
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(1,179)	(2,941)

Consolidated statement of cash flows		Current quarter $A'000	Year to date (12 months) $A'000
4.3	Net cash from / (used in) investing activities (item 2.6 above)	(42)	(270)
4.4	Net cash from / (used in) financing activities (item 3.10 above)	6,562	8,709
4.5	Effect of movement in exchange rates on cash held	8	7
4.6	**Cash and cash equivalents at end of period**	**5,862**	**5,862**

5.	Reconciliation of cash and cash equivalents at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts	Current quarter $A'000	Previous quarter $A'000
5.1	Bank balances	5,862	513
5.2	Call deposits		
5.3	Bank overdrafts		
5.4	Other (provide details)		
5.5	**Cash and cash equivalents at end of quarter (should equal item 4.6 above)**	**5,862**	**513**

6.	Payments to related parties of the entity and their associates	Current quarter $A'000
6.1	Aggregate amount of payments to related parties and their associates included in item 1	(60)
6.2	Aggregate amount of payments to related parties and their associates included in item 2	-

Note: if any amounts are shown in items 6.1 or 6.2, your quarterly activity report must include a description of, and an explanation for, such payments.

7.	**Financing facilities** *Note: the term "facility' includes all forms of financing arrangements available to the entity.* *Add notes as necessary for an understanding of the sources of finance available to the entity.*	**Total facility amount at quarter end $A'000**	**Amount drawn at quarter end $A'000**
7.1	Loan facilities	-	-
7.2	Credit standby arrangements	-	-
7.3	Other (please specify)	-	-
7.4	**Total financing facilities**	-	-

7.5	**Unused financing facilities available at quarter end**	-

7.6 Include in the box below a description of each facility above, including the lender, interest rate, maturity date and whether it is secured or unsecured. If any additional financing facilities have been entered into or are proposed to be entered into after quarter end, include a note providing details of those facilities as well.

8.	**Estimated cash available for future operating activities**	**$A'000**
8.1	Net cash from / (used in) operating activities (item 1.9)	(1,179)
8.2	(Payments for exploration & evaluation classified as investing activities) (item 2.1(d))	
8.3	Total relevant outgoings (item 8.1 + item 8.2)	(1,179)
8.4	Cash and cash equivalents at quarter end (item 4.6)	5,862
8.5	Unused finance facilities available at quarter end (item 7.5)	-
8.6	Total available funding (item 8.4 + item 8.5)	5,862
8.7	**Estimated quarters of funding available (item 8.6 divided by item 8.3)**	4.97

Note: if the entity has reported positive relevant outgoings (i.e. a net cash inflow) in item 8.3, answer item 8.7 as "N/A". Otherwise, a figure for the estimated quarters of funding available must be included in item 8.7.

8.8 If item 8.7 is less than 2 quarters, please provide answers to the following questions:

8.8.1 Does the entity expect that it will continue to have the current level of net operating cash flows for the time being and, if not, why not?

Answer: NA.

8.8.2 Has the entity taken any steps, or does it propose to take any steps, to raise further cash to fund its operations and, if so, what are those steps and how likely does it believe that they will be successful?

Answer: NA.

8.8.3 Does the entity expect to be able to continue its operations and to meet its business objectives and, if so, on what basis?

Answer: NA.

Note: where item 8.7 is less than 2 quarters, all of questions 8.8.1, 8.8.2 and 8.8.3 above must be answered.

Compliance statement

1 This statement has been prepared in accordance with accounting standards and policies which comply with Listing Rule 19.11A.

2 This statement gives a true and fair view of the matters disclosed.

29 January 2026

Date: .....

The Board of Directors.

Authorised by: .....
(Name of body or officer authorising release – see note 4)

Notes

1. This quarterly cash flow report and the accompanying activity report provide a basis for informing the market about the entity's activities for the past quarter, how they have been financed and the effect this has had on its cash position. An entity that wishes to disclose additional information over and above the minimum required under the Listing Rules is encouraged to do so.

2. If this quarterly cash flow report has been prepared in accordance with Australian Accounting Standards, the definitions in, and provisions of, *AASB 6: Exploration for and Evaluation of Mineral Resources* and *AASB 107: Statement of Cash Flows* apply to this report. If this quarterly cash flow report has been prepared in accordance with other accounting standards agreed by ASX pursuant to Listing Rule 19.11A, the corresponding equivalent standards apply to this report.

3. Dividends received may be classified either as cash flows from operating activities or cash flows from investing activities, depending on the accounting policy of the entity.

4. If this report has been authorised for release to the market by your board of directors, you can insert here: "By the board". If it has been authorised for release to the market by a committee of your board of directors, you can insert here: "By the [*name of board committee – e.g. Audit and Risk Committee*]". If it has been authorised for release to the market by a disclosure committee, you can insert here: "By the Disclosure Committee".

5. If this report has been authorised for release to the market by your board of directors and you wish to hold yourself out as complying with recommendation 4.2 of the ASX Corporate Governance Council's *Corporate Governance Principles and Recommendations*, the board should have received a declaration from its CEO and CFO that, in their opinion, the financial records of the entity have been properly maintained, that this report complies with the appropriate accounting standards and gives a true and fair view of the cash flows of the entity, and that their opinion has been formed on the basis of a sound system of risk management and internal control which is operating effectively.