

GOLD MOUNTAIN

CRITICAL MINERALS FOR THE CLEAN ENERGY TRANSITION

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EXPERIENCED BOARD AND MANAGEMENT



David Evans
Executive Director

- Founder, executive director and major shareholder of Mars Mines Limited with business experience spanning over 29 years in the mining and financial services sectors and as an entrepreneur and Company founder/Director.
- An experienced ASX investor and GMN shareholder.
- B.Sc. (Geology/Environmental Science).



Aharon Zaetz
Non-Executive Director

- A lawyer and experienced director bringing many years of legal expertise in corporate law, mergers and acquisitions, and business negotiations to his role including experience negotiating with tenement holders and landowners.
- A seasoned lawyer assisting clients from start-ups to established corporations.
- An experienced ASX investor and GMN shareholder.
- Dip Law.



Syed Hizam
Non-Executive Director

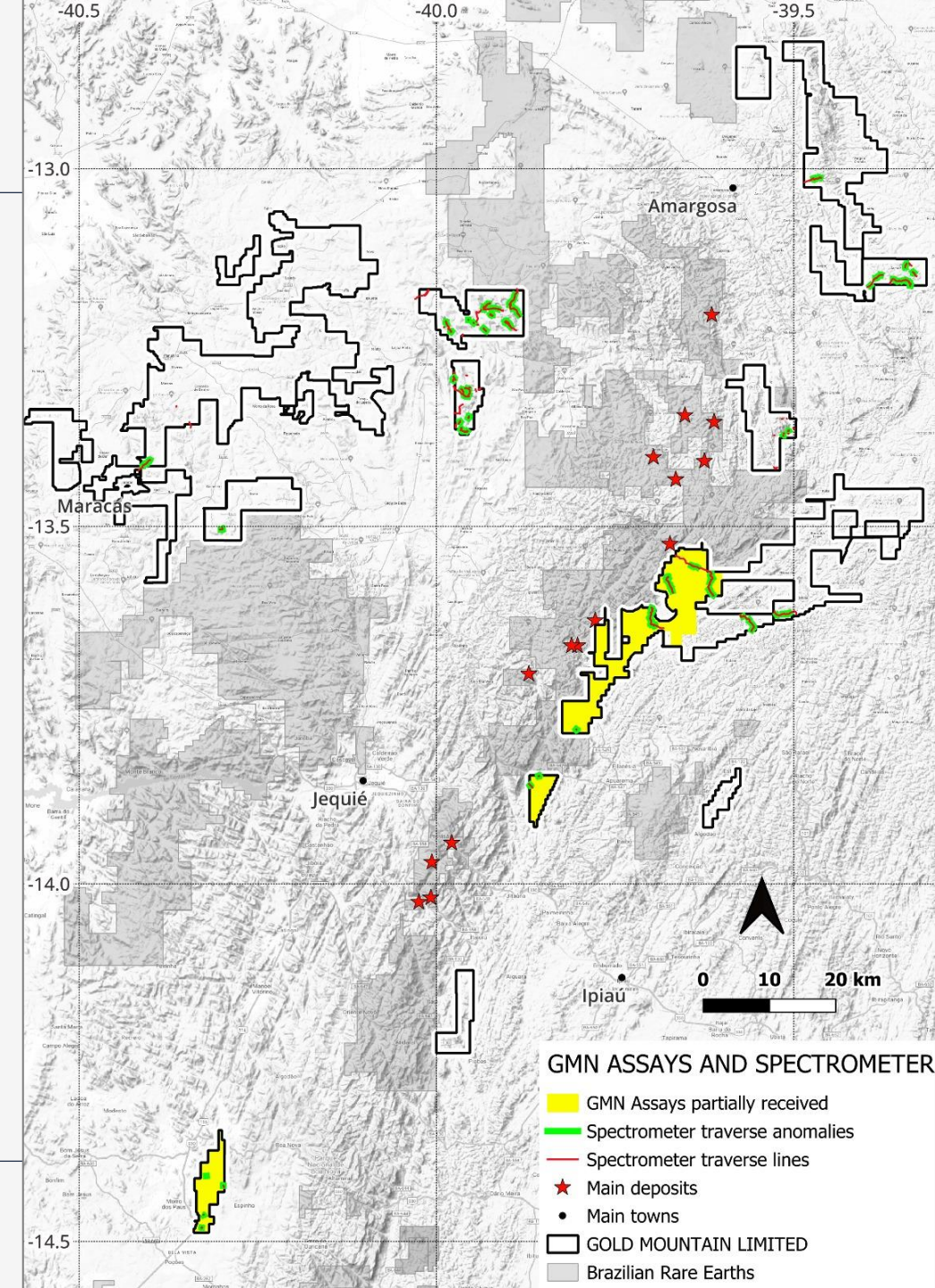
- Extensive global experience working in various roles and is currently a Non-Executive Director in a finance company in Saudi Arabia.
- Prior to this, he worked in various leadership positions in the Industrial Product Sector, Education, Textile, Semiconductor and Satellite Industry in Malaysia, Australia and the United States.
- Bachelor's Degree (Finance and Economics)

The image is a dark blue-toned abstract composition. In the foreground and middle ground, there are several translucent, wireframe-like outlines of cars, possibly representing electric vehicles. In the background, there are several vertical rectangular shapes that resemble battery packs, each with a small yellow lightning bolt icon on top. The overall aesthetic is futuristic and technological.

BRAZIL: RARE EARTHS

INVESTMENT HIGHLIGHTS

- Exposure to a portfolio of **rare earths and Niobium** assets across Brazil
- **Rare Earth** IAC type + REE-Nb-U-Sc exploration areas comprises 1,879.65km² of tenements Adjacent to and along strike of Brazilian Rare Earths' (BRE:ASX) project in the Jequié region.
- **Rare Earths** tenements cover high thorium anomalies and laterites in known and proven IAC and Ultra-high grade hard rock monazite hosted REE-Nb-U-Sc mineralisation.
- **Rare earth** exploration program in progress, Initial 260 analytical results received and interpreted, Yellow area includes areas where all analytical results have been received.
- **Rare Earth** anomalies cover about 80 km² of catchments, concentrated in 7 main areas, five of which are immediate drilling targets.



SIGNIFICANT TENEMENTS PROSPECTIVE FOR RARE EARTHS

Gold Mountain holds 97 granted tenements and 5 applications in the Jequié Block of the Sao Francisco craton

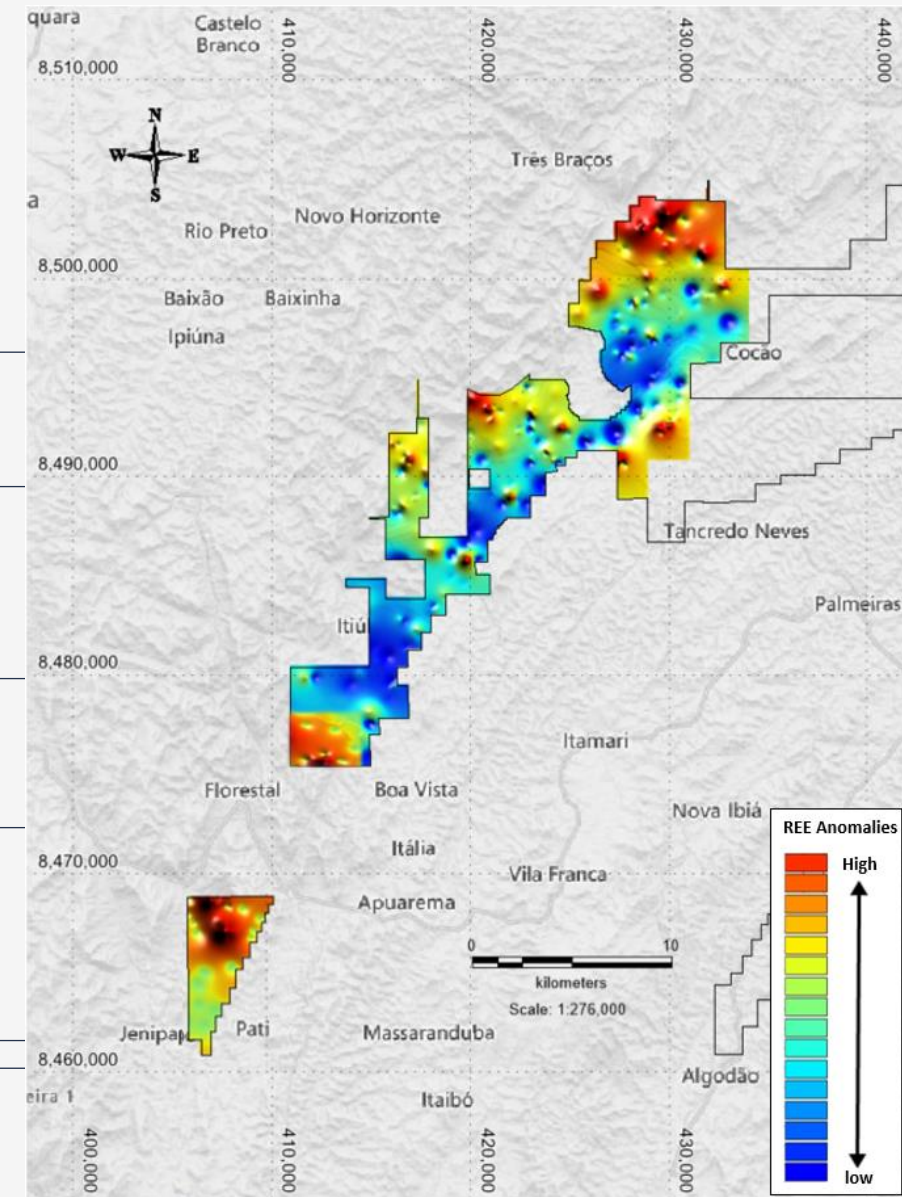
Rare Earths anomalies (TREE) composite map.

Anomalous data interpretation also suggest ultra-high grade hard rock sources may be present

85 km of initial spectrometer radiometric traverses carried out. Positive correlation between anomalous catchments areas and anomalous spectrometer traverses.

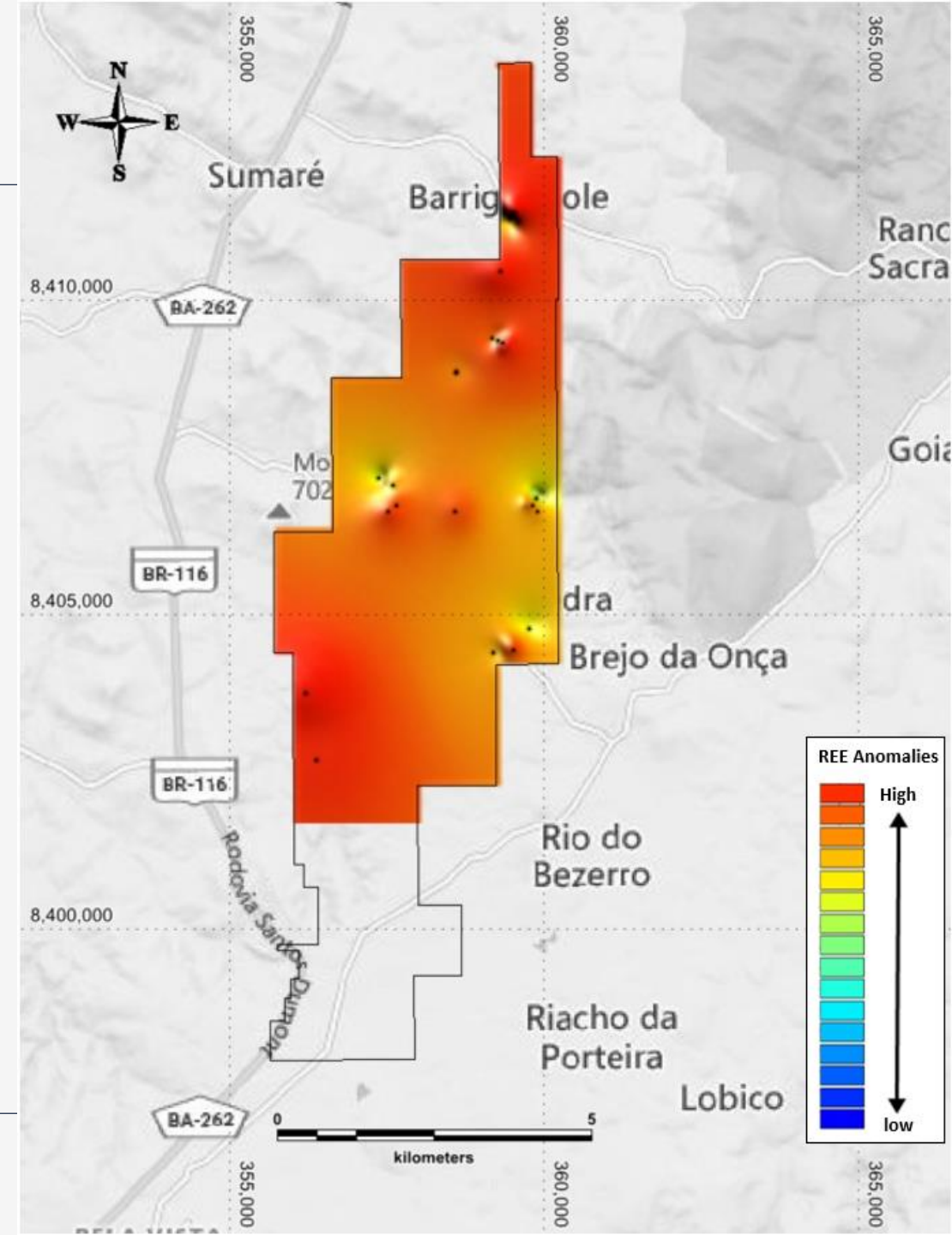
High Drilling Priority: Ultra-high grade hard rock potential and IAC potential in an area 8 km x 4 km adjacent to the BRE Três Braços deposit

BRE tenements contain a JORC compliant 510Mt Inferred resource @1,513 ppm Total Rare Earth Oxide with over 20% magnet Rare Earth Oxides



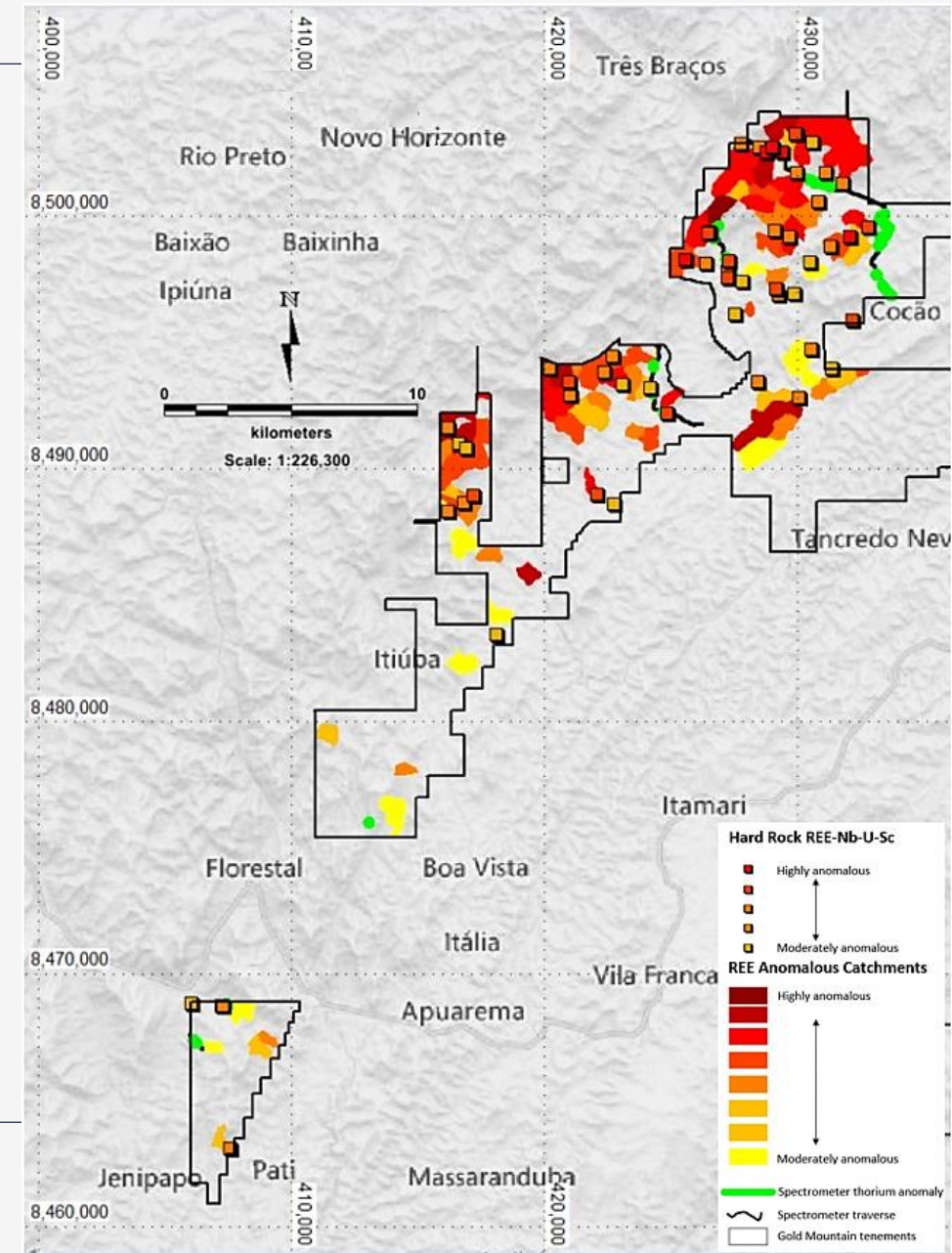
SIGNIFICANT TENEMENTS PROSPECTIVE FOR REE

- Poções area tenements have extensive strongly anomalous REE assay results.
- Extensive preserved old surfaces present, suggesting near fully preserved weathering profiles are present over substantial areas.
- Geochemical results also indicate potential in the northern part of the tenements for ultra-high grade hard rock REE-Nb-U-Sc type mineralisation.
- Drilling will commence as soon as permits are obtained and an auger drill rig is available
- No results received for samples in the southern part of the tenements.



ANOMALOUS CATCHMENTS - PROSPECTIVE FOR REE

- Total REE, Heavy REE and Light REE plot of anomalous catchments in the central part of the down under project.
- NW boundary of the tenements joins BRE areas with known significant mineralisation.
- Square dots represent areas with Ultra-high grade mineralisation potential indicated by geochemistry analysis.
- Many samples waiting for results within and outside the interpreted areas.



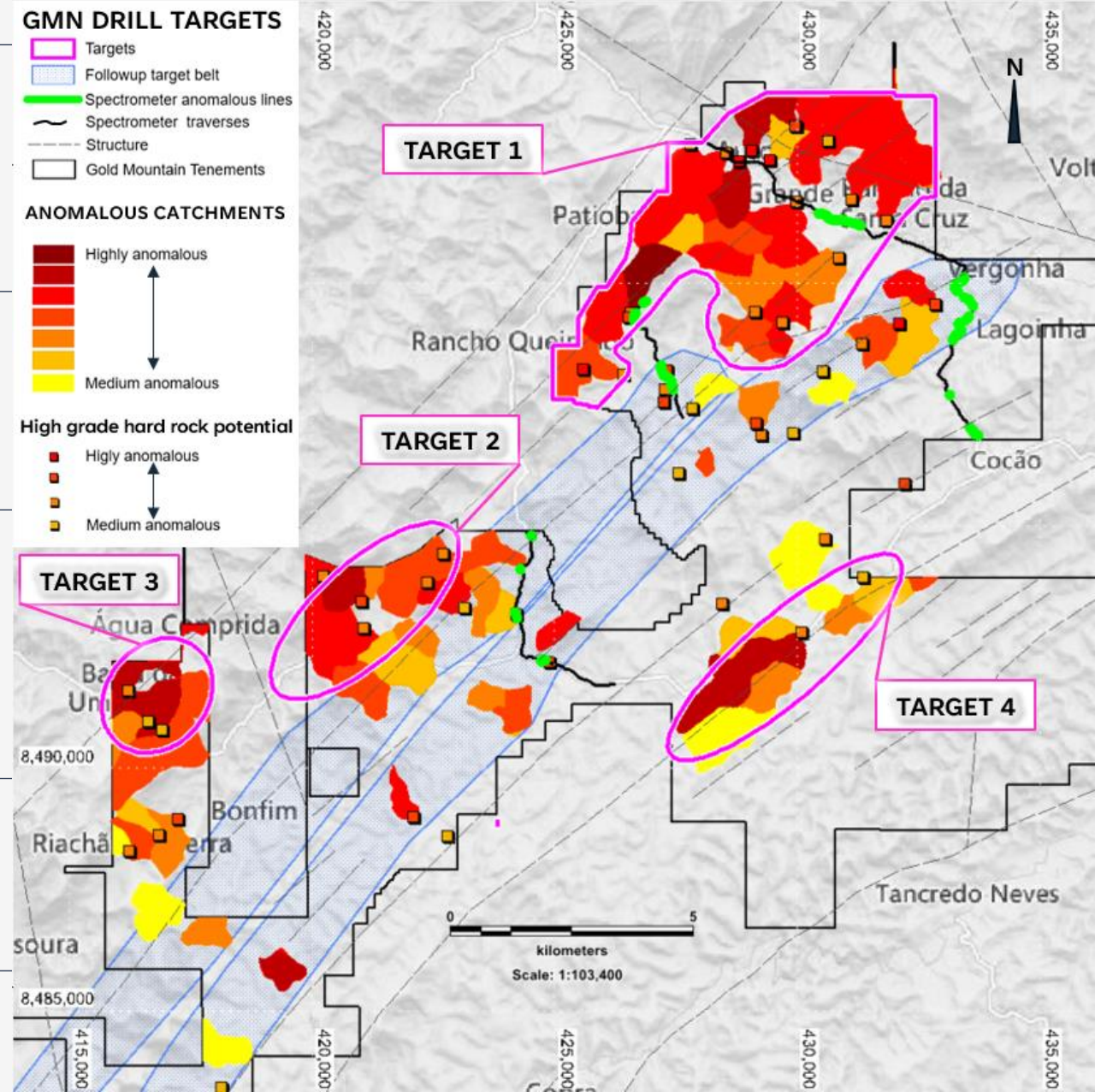
5 DEFINED DRILLING TARGETS - PROSPECTIVE FOR REE

4 Major drilling targets identified in Central tenements

Square dots indicate potential areas for Ultra-high grade hard rock monazite hosted REE-Nb-U-Sc mineralisation defined by geochemistry analyses.

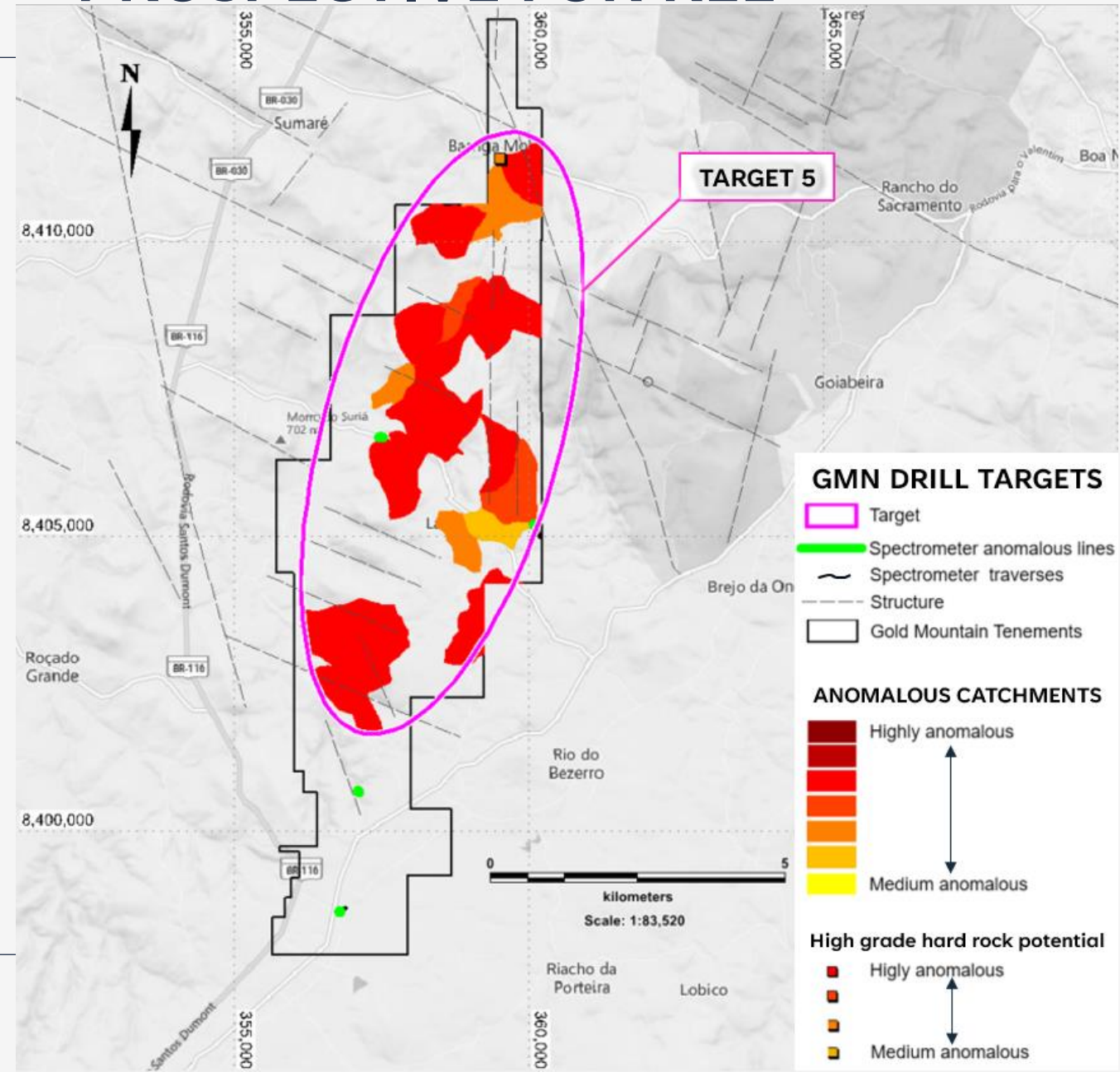
Major structures may host ultramafic rocks, the host to very high grade REE mineralisation found in several localities in the BRE tenements. Similar mapped major structures and shear zones occur within the Down Under project.

Many samples waiting for results within the map area.



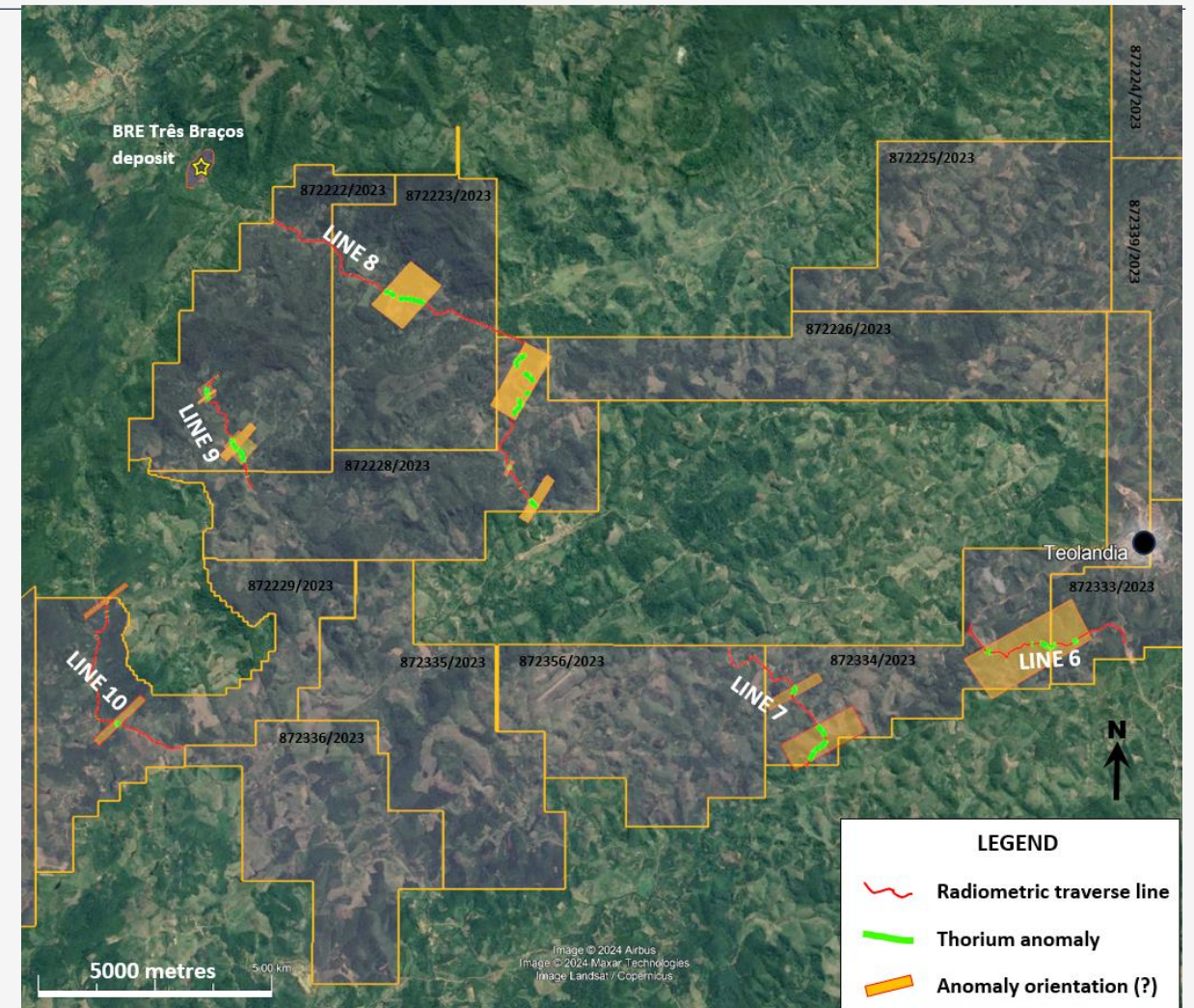
5 DEFINED DRILLING TARGETS - PROSPECTIVE FOR REE

- 1 Major drilling target identified in southern tenements
- Square dot indicate potential area for Ultra-high grade hard rock monazite hosted REE-Nb-U-Sc mineralisation defined by geochemistry analyses.
- Many samples waiting for results within the map area.



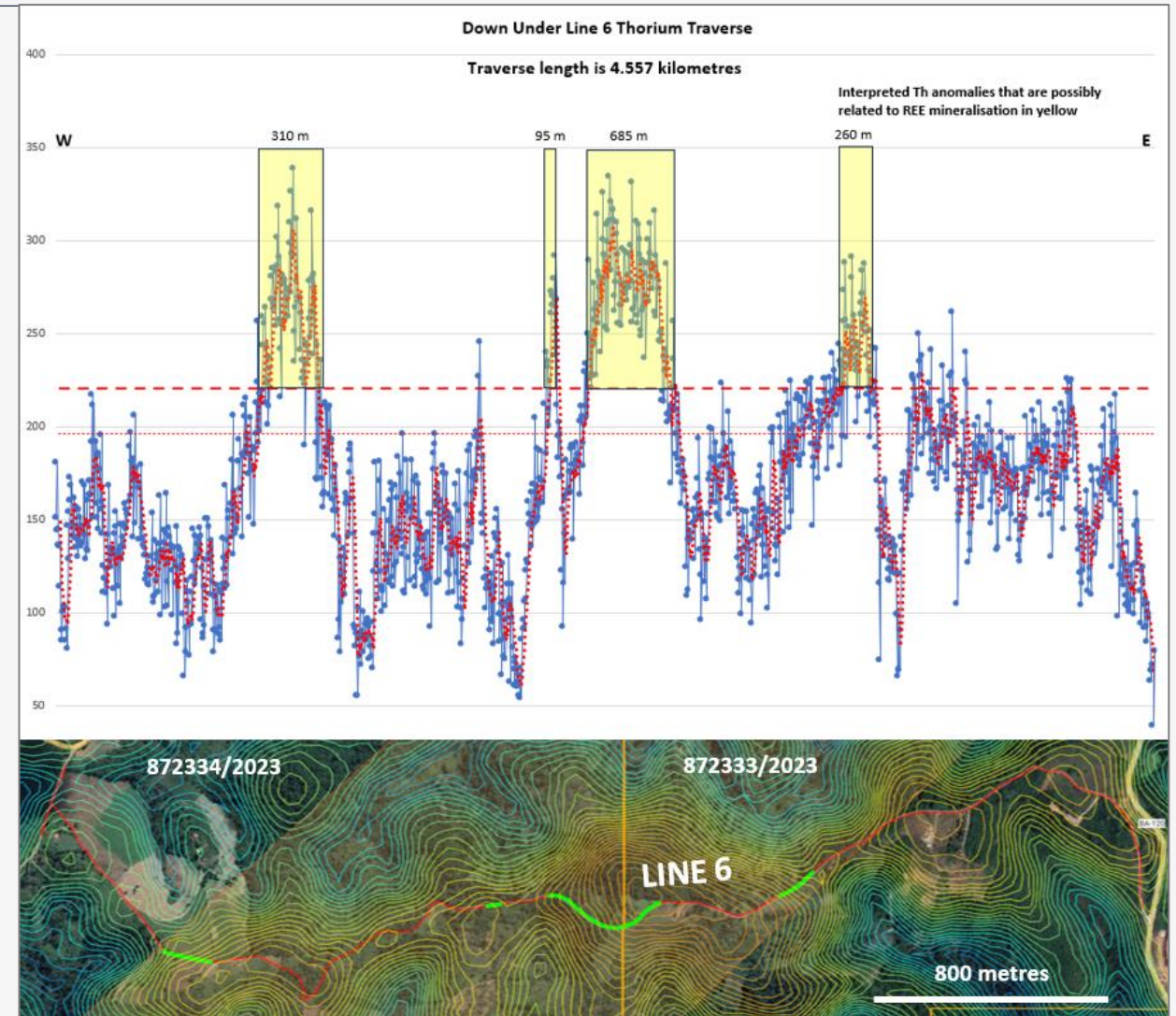
RADIOMETRIC TRAVERSES - REE PROSPECTIVITY

- Radiometric spectrometer traversing was carried out over 85 km in an initial trial series of surveys
- Extensive thorium anomalies up to 1,600 metres wide were identified.
- Assayed REE anomalies correlate positively with spectrometer radiometric thorium anomalies
- Radiometrics assists in validating geochemical anomalies for drilling



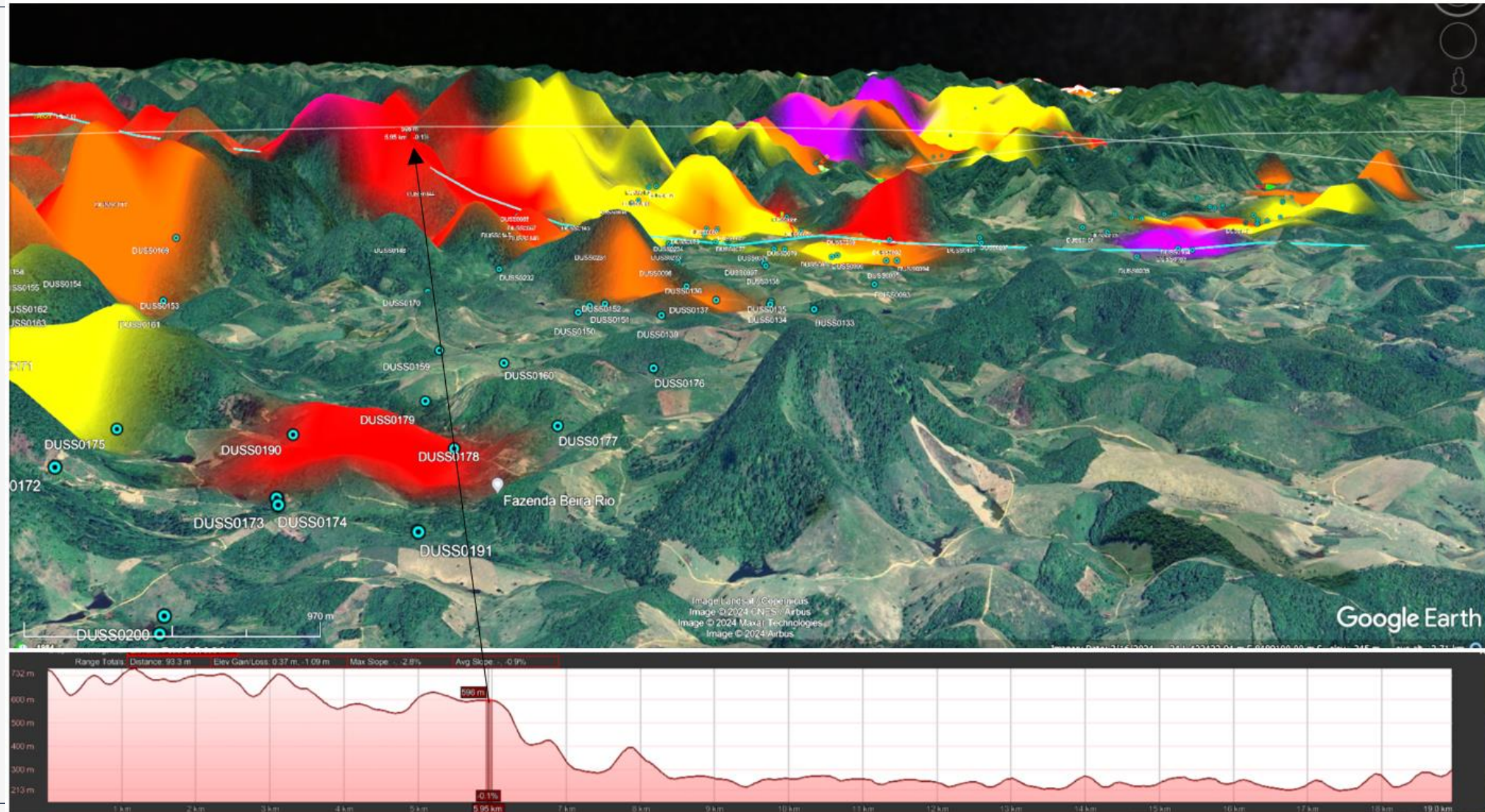
RADIOMETRIC TRAVERSE – DOWN UNDER PROJECT

- Yellow highlight shows anomalous thorium responses, plotted as green lines on the red spectrometer traverse line.
- Line 6 radiometric traverse showing thorium anomalies associated with two of the three old surfaces recognised in the region by GMN.
- Anomalies are present almost exclusively on the slopes between surfaces, the absence of anomaly at surface suggests there is still potential for REE mineralisation below a leached surface.
- The anomalies present on the traverse shown are drilling targets, to be confirmed by stream sediment samples results, with initial drilling to commence as soon as permits are in place and the auger drill rigs are delivered.



BRAZIL – DOWN UNDER-DISTRIBUTION OF REE ANOMALIES

- View NNW over the TREE geochemical anomalies in the NW sampled areas, adjacent to BRE's Tres Braços mineralised area of the Down Under Project.
- Section line is shown in blue in image of vertically exaggerated topography.



EXPLORING IN THE JEQUIÉ REGION

- First pass is to carry out carefully taken stream sediment samples and outcrop channel samples to find REE and pathfinder element anomalies.
- Describing the rocks is the geologist's job at each stream sediment sample site.
- Follow up with radiometric traversing in the anomalous catchment to find areas to auger drill
- Third phase drilling to validate thickness and grade of REE mineralised zones with auger, RC and sonic drilling



DOWN UNDER REE PROJECT

EXPLORATION IN PROGRESS

Radiometric traversing in road cuts



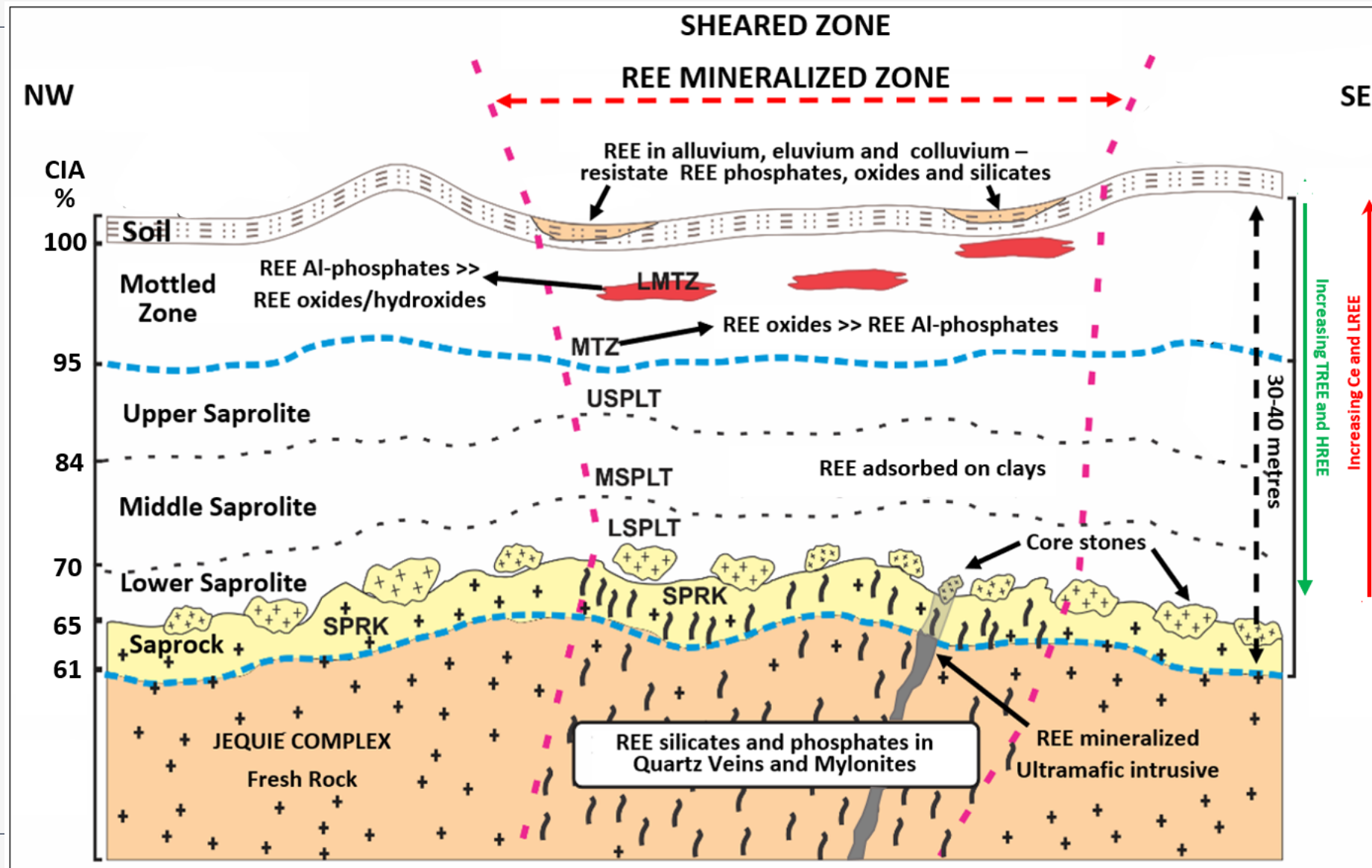
FAVOURABLE GEOLOGY PROSPECTIVE FOR REE

Gold Mountain personnel using MS350 spectrometers testing for thorium anomalies, often associated with REE



BRAZIL – JEQUIÉ REGION WEATHERING – REE MODEL

- Different zones in a weathered profile contain different amounts and types of REE mineralisation
- Mineralised ultramafics can have exceptionally high REE and Nb grades



METALLURGY IN THE JEQUIÉ REGION IS WELL UNDERSTOOD

- Extensive metallurgy conducted on BRE projects in the region.
- Extracted readily with Ammonium sulphate with adjustment to pH 4. Economic level recoveries recorded.
- Deleterious U and Th not extracted from the REE ore.
- Clay mineralogy important for metallurgical characteristics.
- High P usually indicates primary monazite is present, considered to be economically recoverable in part of the BRE resource.

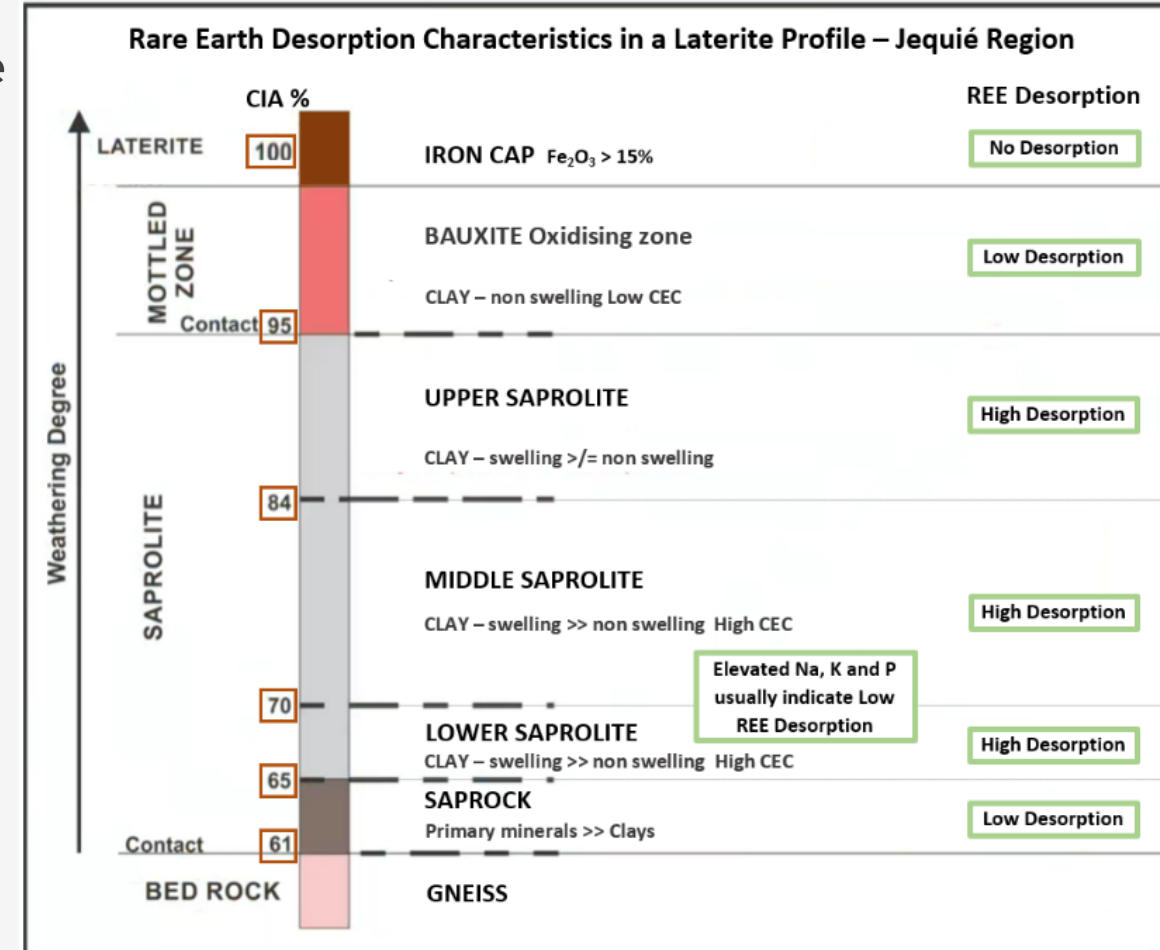


Table adapted from Presentation by Gerson Romano dos Santos Junior; PhD student - Geometallurgy REE-IAC, Master - REE-IAC Geochemistry

EXPLORATION PLAN – DOWN UNDER REE PROJECT

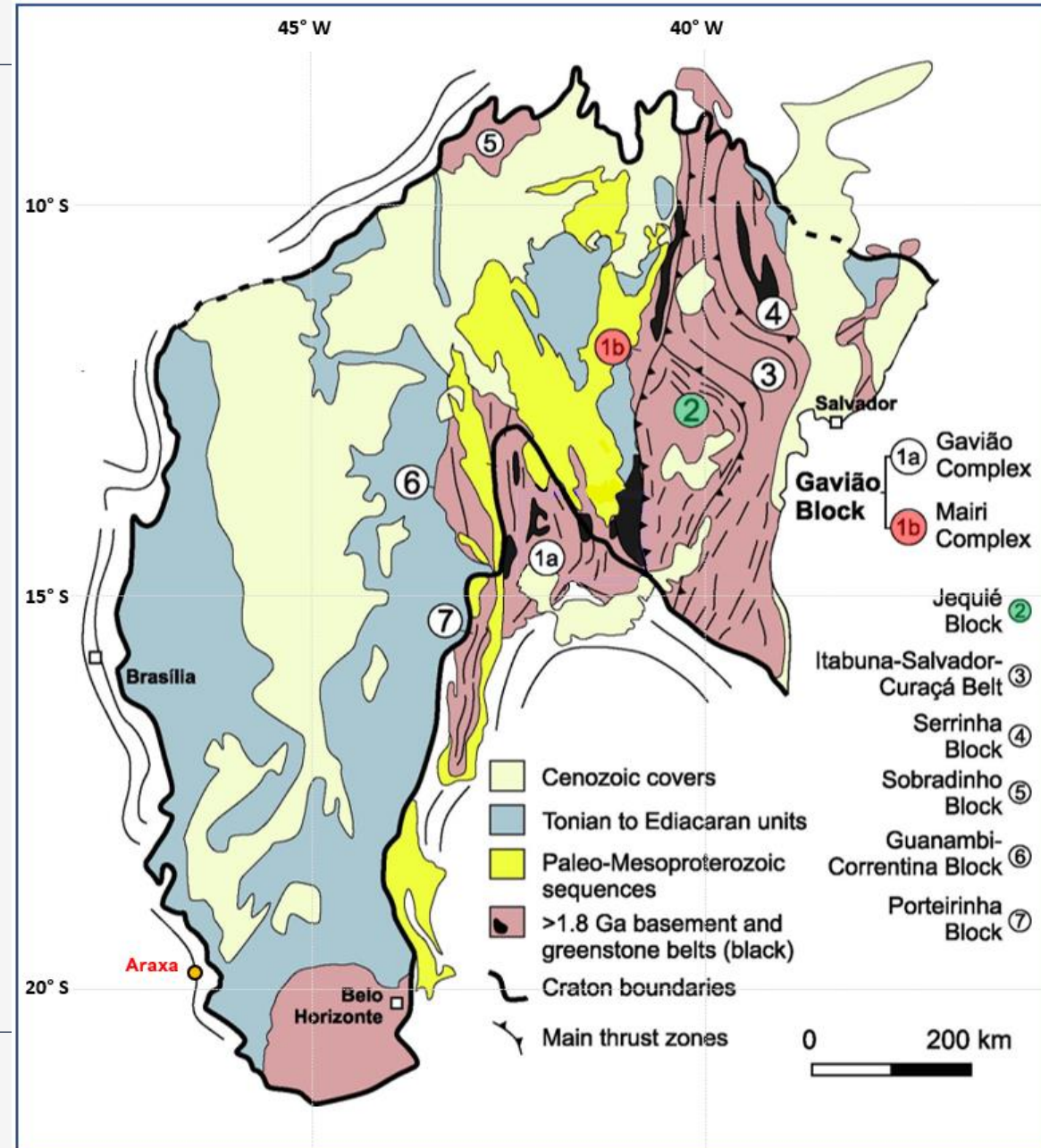
- Remote sensing work completed to define areas of laterite. Geomorphic mapping completed, Sample site planning completed. Initial drill hole traverse sites identified, permitting in progress.
 - Logistics bases set up in suitable areas for working tenements. Three teams on site since March. Local REE consultant has agreed to assist GMN.
 - Orientation sampling commenced on March 4th on preplanned sites, stream sediment sampling in selected GMN tenement areas commenced in the same week. Channel sampling on exposures were taken when found. Radiometric traverses are undertaken routinely to assess whether any very highly anomalous areas, indicative of high-grade mineralisation are present.
 - Laboratory results on over 350 samples expected commencing at the end of July. Anomalous areas defined by stream sediment sample assays and radiometric traversing. Reconnaissance auger drilling starting as soon as drill rig is delivered to GMN's field base.
 - Applications for drilling permits being prepared for RC or Sonic drilling anticipated for Q4 2024.
 - Regional stream sediment sampling will be ongoing throughout 2024.
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The background is a dark, abstract composition featuring glowing blue and cyan elements. Two large, interlocking gears are prominent in the center, their teeth and internal structures illuminated with a bright blue light. Surrounding these gears are various circuit-like patterns, including lines, dots, and rectangular shapes, some of which are also glowing. The overall effect is a high-tech, futuristic aesthetic with a strong emphasis on blue tones and light effects.

BRAZIL: NIOBIUM – RARE EARTHS

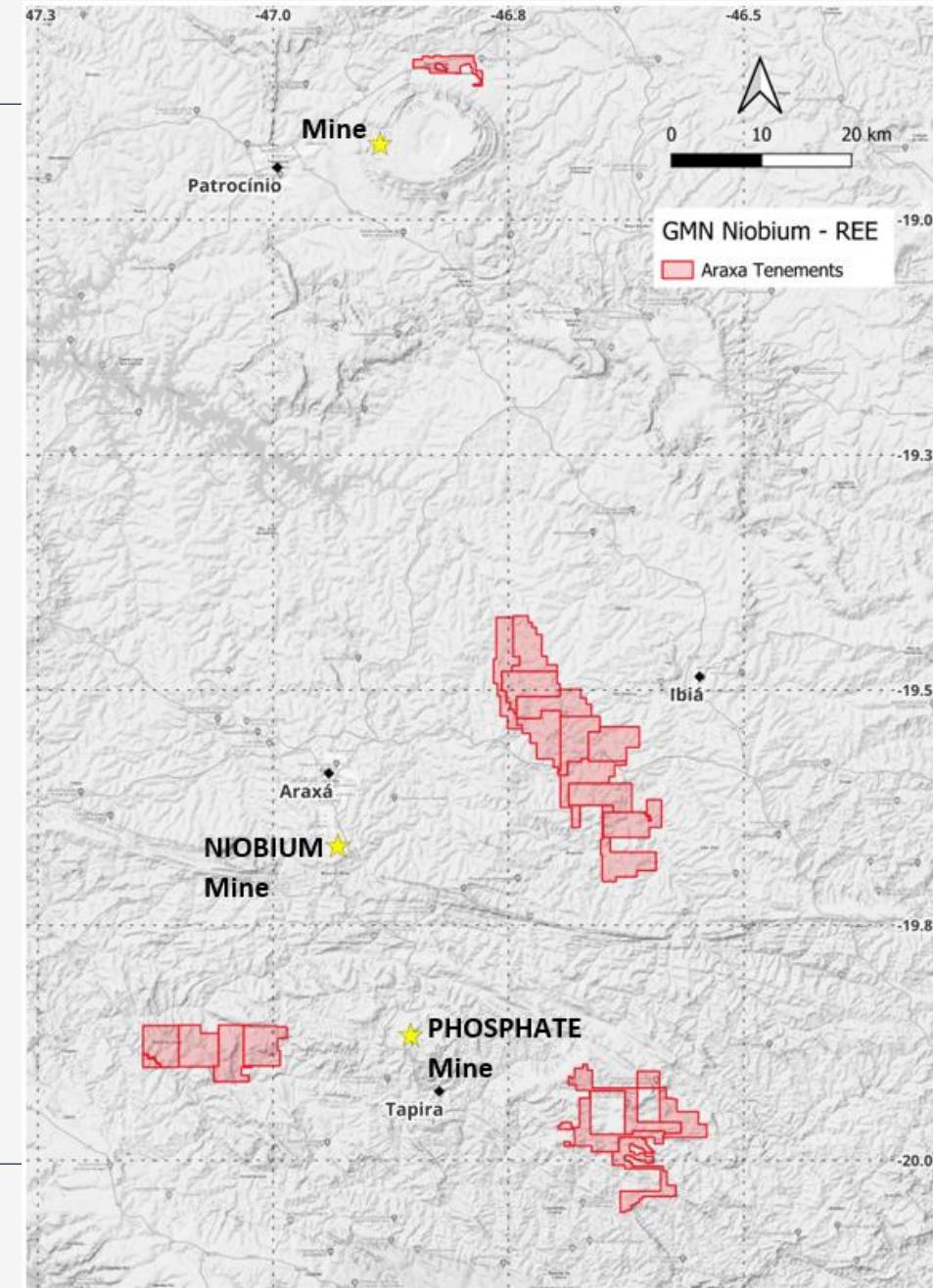
ARAXÁ REGION NIOBIUM AND REE PROJECTS

- Located in the Barreiro carbonatite-alkaline igneous complex near Araxá
- The Araxá region contains the largest niobium mine in the world
- The mine contains 94% of the world niobium reserves
- Located along the “125° lineament” a major crustal depth structural zone on the craton margin
- Initial stream sediment sampling and radiometric surveys planned for Q3-Q4 2024.



ARAXÁ REGION NIOBIUM AND REE PROJECTS

- Located 300 km west of Belo Horizonte in Minas Gerais state.
- Minas Gerais is a very mining-oriented state in a mining friendly federal jurisdiction.
- GMN holds 19 granted tenements and 1 application covering 388 km².
- Initial sampling is planned for Q3-Q4 2024.



ARAXÁ REGION NIOBIUM AND REE CARBONATITE PROJECTS

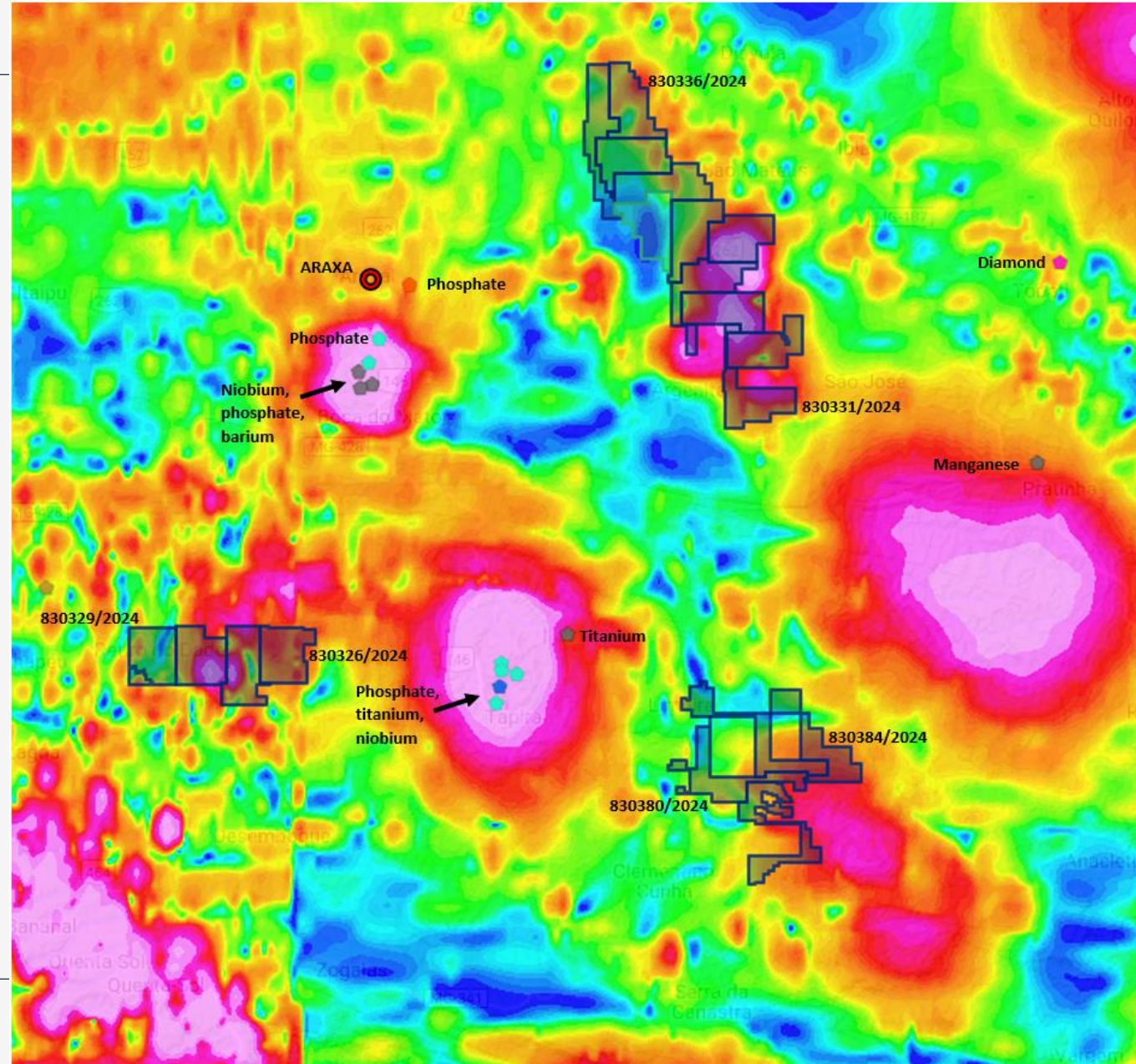
Carbonatites are mined for many different elements, including iron, titanium, vermiculite, tantalum, phosphate, zirconium, niobium and REE, not all from the same mine, but many mines have significant co-products.

PERIODIC TABLE OF THE ELEMENTS

1 H 1.008																	2 He 4.003																		
3 Li 6.941	4 Be 9.012																	5 B 10.81	6 C 12.01	7 N 14.01	8 O 16.00	9 F 19.00	10 Ne 20.18												
11 Na 22.99	12 Mg 24.31																	13 Al 26.98	14 Si 28.09	15 P 30.97	16 S 32.07	17 Cl 35.45	18 Ar 39.95												
19 K 39.10	20 Ca 40.08	21 Sc 44.96	22 Ti 47.88	23 V 50.94	24 Cr 52.00	25 Mn 54.94	26 Fe 55.85	27 Co 58.47	28 Ni 58.69	29 Cu 63.55	30 Zn 65.39	31 Ga 69.72	32 Ge 72.59	33 As 74.92	34 Se 78.96	35 Br 79.90	36 Kr 83.80																		
37 Rb 85.47	38 Sr 87.62	39 Y 88.91	40 Zr 91.22	41 Nb 92.91	42 Mo 95.94	43 Tc (98)	44 Ru 101.1	45 Rh 102.9	46 Pd 106.4	47 Ag 107.9	48 Cd 112.4	49 In 114.8	50 Sn 118.7	51 Sb 121.8	52 Te 127.6	53 I 126.9	54 Xe 131.3																		
55 Cs 132.9	56 Ba 137.3	57 - 71 *	72 Hf 178.5	73 Ta 180.9	74 W 183.9	75 Re 186.2	76 Os 190.2	77 Ir 190.2	78 Pt 195.1	79 Au 197.0	80 Hg 200.5	81 Tl 204.4	82 Pb 207.2	83 Bi 209.0	84 Po (210)	85 At (210)	86 Rn (222)																		
87 Fr (223)	88 Ra (226)	89 - 103 **	104 Rf (257)	105 Db (260)	106 Sg (263)	107 Bh (262)	108 Hs (265)	109 Mt (266)	110 Uun (271)	111 Uuu (272)	112 Uub (277)																								
Lanthanide Series*			57 La 138.9	58 Ce 140.1	59 Pr 140.9	60 Nd 144.2	61 Pm (147)	62 Sm 150.4	63 Eu 152.0	64 Gd 157.3	65 Tb 158.9	66 Dy 162.5	67 Ho 164.9	68 Er 167.3	69 Tm 168.9	70 Yb 173.0	71 Lu 175.0																		
Actinide Series**			89 Ac (227)	90 Th 232.0	91 Pa (231)	92 U (238)	93 Np (237)	94 Pu (242)	95 Am (243)	96 Cm (247)	97 Bk (247)	98 Cf (249)	99 Es (254)	100 Fm (253)	101 Md (256)	102 No (254)	103 Lr (262)																		

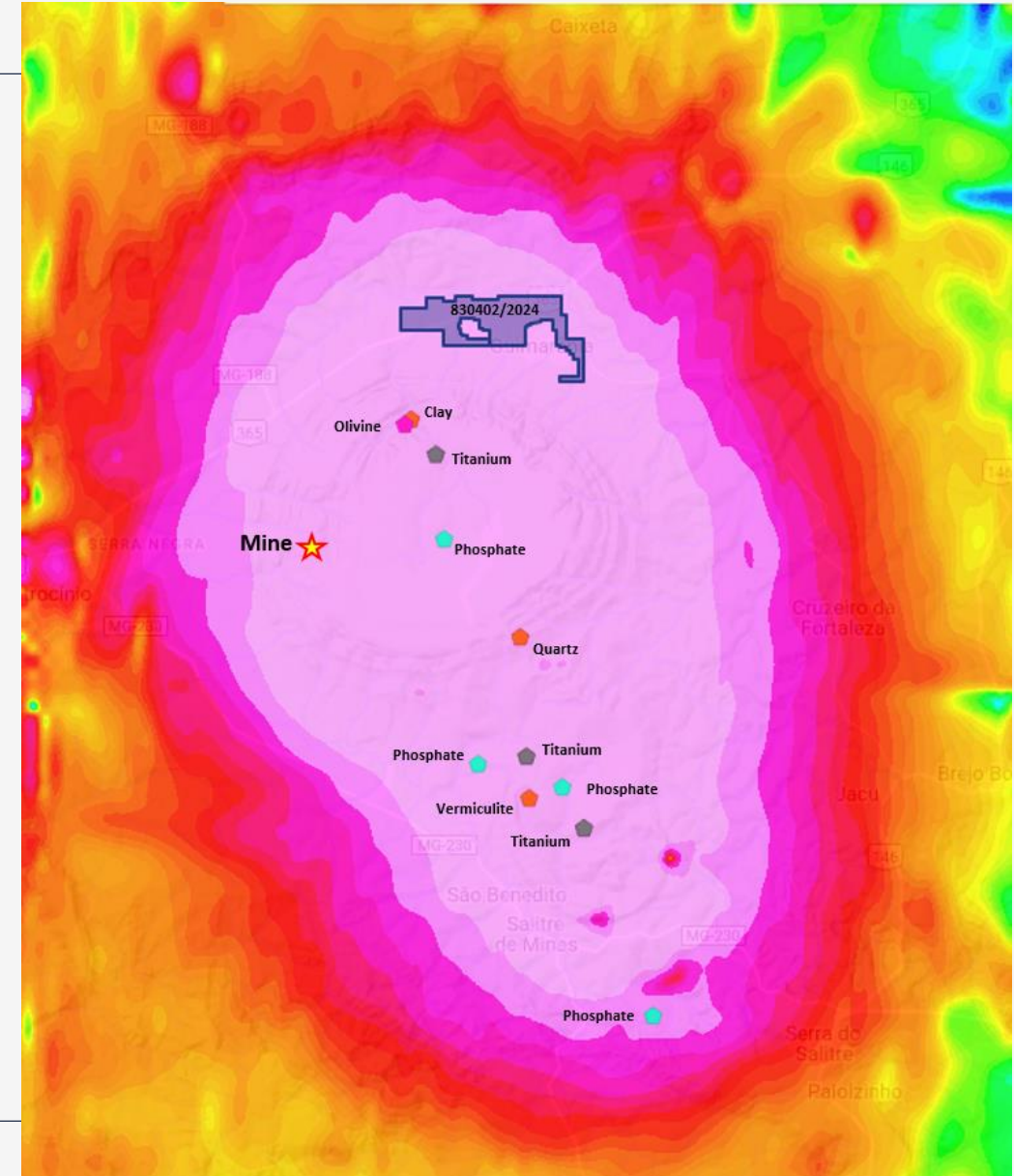
ARAXÁ REGION NIOBIUM AND REE PROJECTS

- Tenements in relation to total gradient field and to known mineralisation, mostly related to carbonatites.
- All GMN tenements are located in, or in the vicinity of, Carbonatite like magnetic responses.
- Dykes in the 125° lineament show as spotty red-orange lines in the top right of the image



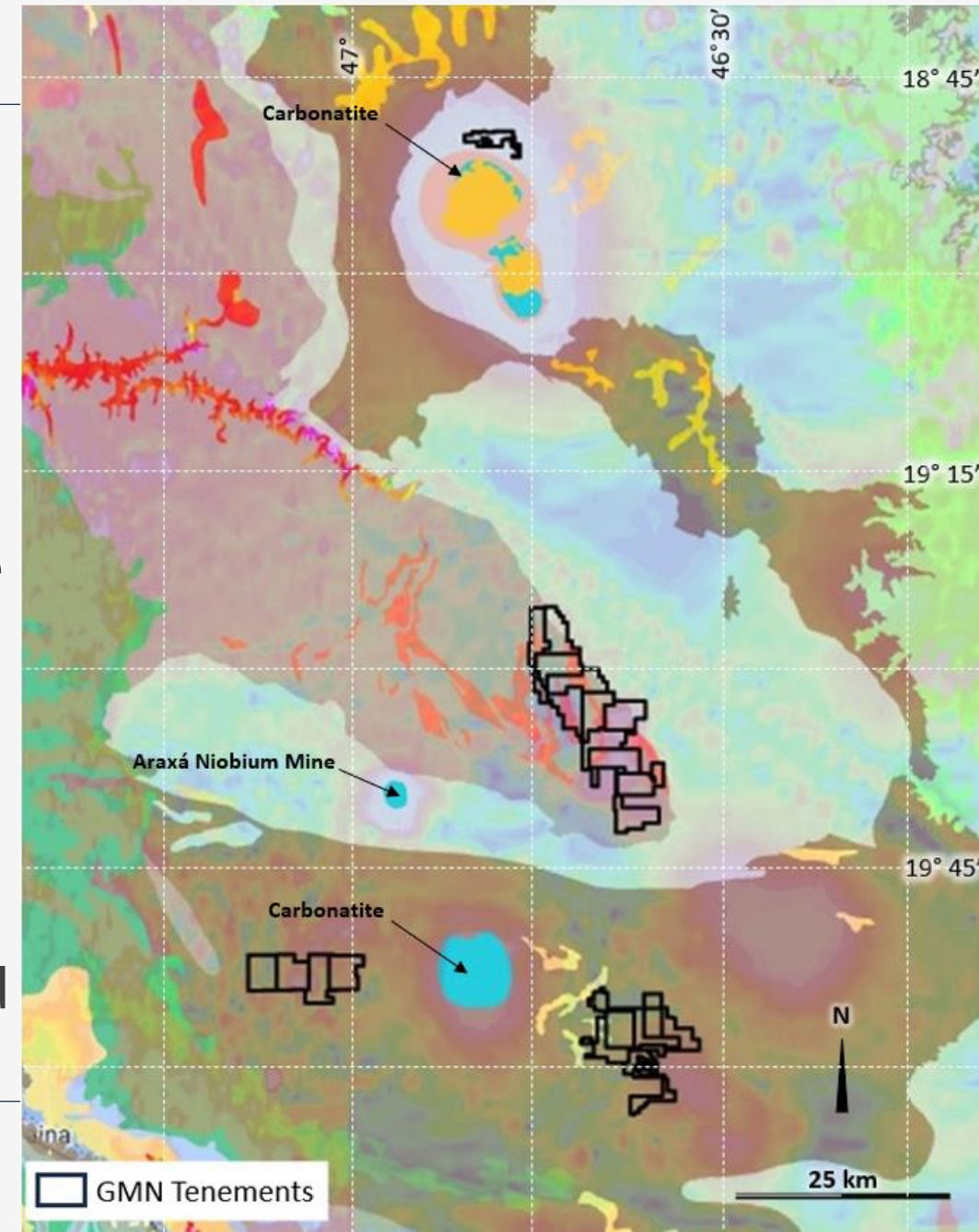
ARAXÁ REGION NIOBIUM AND REE PROJECTS

- Northern tenement in relation to total gradient field and to known mineralisation related to carbonatites
- Carbonatites in the Araxá region form deposits of niobium, phosphate, barite, vermiculite, gem quality olivine and titanium.



ARAXÁ REGION NIOBIUM AND REE PROJECTS

- Mapped mid Proterozoic sedimentary sequence with the mapped Late Cretaceous carbonatite complexes shown in bright blue. The geology is overlaid on the magnetic gradient image.
- Weathering is up to 250 metres thick and the ore body at the Nb mine at Araxá is completely within the weathered zone, same as Mt Weld in Western Australia
- IAC type REE potential also exists over these alkaline complexes as well as phosphate and titanium.



ARAXÁ REGION NIOBIUM AND REE PROJECTS

- Drainage sample planning has been completed
 - Geologists in Brazil are being brought up to speed on the local carbonatite geology, alteration halos and laterite zonation.
 - Sampling strategy being assessed at present to optimise exploration speed and sampling effectiveness.
 - Field base for the region is being located.
-

APPENDIX: REFERENCES

Where a Competent Person has previously issued the written consent to the inclusion of their findings in a report, a company re-issuing that information to the Public whether in the form of a presentation or a subsequent announcement must, state the report name, date and reference the location of the original source Public Report for public access. The information is extracted from the following announcements:

- GMN ASX Release 28 April 2023 Quarterly Activities Report for the Quarter Ended 31 March 2023
- GMN ASX Release 19 June 2023 Proposed acquisition of 75% interest in Significant Lithium Tenement package, Brazil
- GMN ASX Release 14 July 2023 Market Update – Brazil Lithium Exploration Update Exploration at Logradouro finds over 250 pegmatites
- GMN ASX Release 1 October 2023 Market Update – Lithium soil anomalies over 2 kilometres at Salitre
- GMN ASX Release 22 November 2023 Exploration Update and Exciting New Exploration Results
- GMN ASX Release 1 December 2023 GMN Secures over 100,000 Ha in Premier Rare Earths rich region in Brazil
- GMN ASX Release 19 January 2024 Custodia Project Update
- GMN ASX Release 2 February 2024 Down Under Rare Earths Element Project Update
- GMN ASX Release 15 February 2024 Exploration commences on Clay-Hosted REE tenements
- GMN ASX Release 23 February 2024 GMN secures ground near world's largest Niobium producer
- GMN ASX Release 21 March 2024 GMN identifies rocks prospective for high grade REE
- GMN ASX Release 2 April 2024 GMN acquires Ronaldinho Rare Earths Project
- GMN ASX Release 7 June 2024 Significant anomalies identified on Ronaldinho Project
- GMN ASX Release 08 July 2024 Highly anomalous widespread REE assays at Down Under
- AL8 ASX Release 18 June 2024 Alderan Completes Earn-in Agreement on Salitre Lithium Prospect, Bahia, Brazil
- AL8 ASX Release 30 May 2024 Highly Anomalous Lithium in Itambacuri Stream Sediments, Minas Gerais, Brazil
- Brazilian Rare Earths Prospectus dated 13 November 2023. Brazilian Rare Earths Limited
- Brazil Geological Survey (CPRM) websites and the Brazil National Mining Agency (ANM) website

They are available to view on www.goldmountainltd.com.au. The company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and, in the case of estimates of Mineral Resources or Ore Reserves, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. 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 announcement.