



DRILLING UNDERWAY ON HIGH-PRIORITY REE PROSPECTS

Magnum Minerals Limited (ASX:MGU, OTCQB: MGUFF) (Magnum, or the Company), is delighted to announce that auger drilling has begun on the Company's Azimuth REE Project (Figure 1 and Figure 2).

HIGHLIGHTS

- First pass auger drilling to focus on **high priority ionic clay REE targets**, which have been interpreted and defined from **radiometric anomalism and geology**.
- The auger drilling programme has a notional target of **333 holes for 1,665m**, with drilling sampling the peaks of the radiometric anomalies to a **nominal depth of 5m**.
- Areas returning high REE assays are planned to be **subsequently grid-drilled** to assess size potential.
- Prospects to be tested are within proximity to Appia's **PCH Project** and CMOC's **Catalão niobium mine, one of the highest-grade niobium operations in Brazil**.
- **No historic exploration activity** has occurred on any of these areas, representing **novel, high-potential Greenfields opportunities**.
- The program will be led by Antonio Vitor, a **major shareholder and an exceptional in-country manager** with extensive experience in managing field operations.
- Magnum's Azimuth REE Project leases **extend over 900km** of the Azimuth 125° lineament, a NW-SE structural corridor recognised as a **major source of mineralisation** with highly prospective geological features.

Magnum's Chairman, Michael Davy, commented: *"We are excited to commence auger drilling at our Azimuth REE Project in Brazil. The program represents a major step forward in testing the extensive radiometric anomalies that define multiple high-priority ionic clay rare earth targets. Significantly, these prospects have no historic exploration activity to date and are within proximity of other notable deposits such as PCH and Catalão. With field crews now active and on site, we look forward to reporting back with further results as they come to hand."*

Field crews have mobilised to, and started auger drilling on, high priority targets identified on the Company's Azimuth REE Project¹. The targets were identified from airborne radiometric data that have been interpreted to be caused by possible **ionic-clay hosted REE**².

The first-pass auger drilling is designed to sample areas with highly anomalous radiometric zones caused by elevated thorium in surficial clays (Figure 3). The association between thorium and clay-bearing REE is well documented in the area³.

¹ Refer to ASX release, "Auger Drilling to Start on Brazil Rare Earths Project", 3 October 2025

² Refer to ASX release, "Magnum Funded Corporate Strategy Presentation", 23 October 2025

³ CSE: API Technical Report on the Maiden Mineral Resource Estimate for The PCH Project, State of Goiás, Brazil, 15 April, 2024

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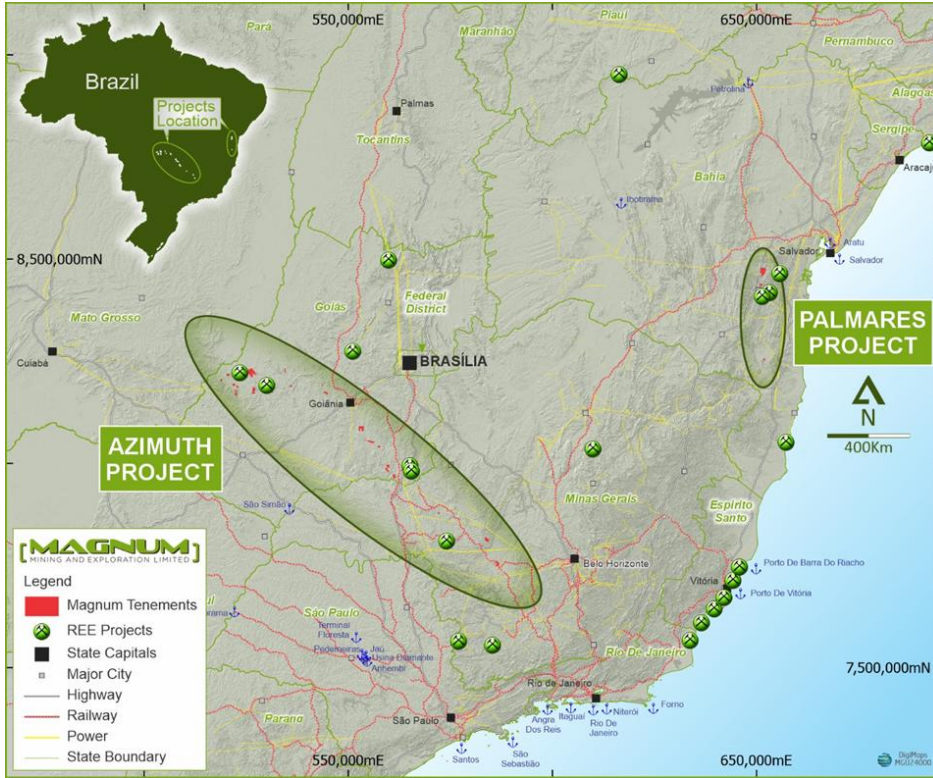


Figure 1 - Magnum’s Brazilian based REE projects, the Azimuth REE Project and the Palmares REE Project, are located across the states of Bahia, Minas Gerais and Goiás states in south-central Brazil. Both Projects are in areas that hold notable REE deposits or emerging world-class REE resources at advanced exploration stages.

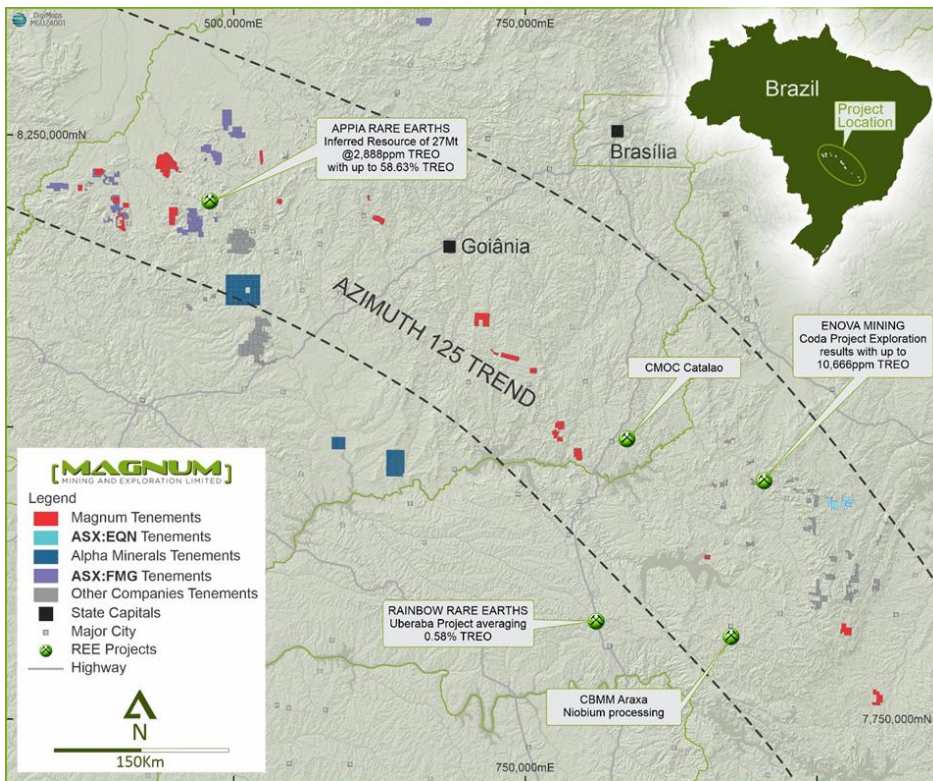


Figure 2 - The Az125 REE Project is centred on the Azimuth 125° Lineament. The lineament is associated with significant REE mineralisation with Appia, Enova, and Rainbow announcing exploration success. The tenements straddle the NNE trending Transbrasilian Lineament at its intersection with the Azimuth 125° Lineament.

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Two motorised auger rigs with three-man crews are being used (Figure 4). These rigs will sample from surface to a nominal depth of five metres. Samples are being collected every half a metre and will be dispatched to ALS laboratories in Brazil for assaying. The upcoming exploration work has been planned and managed by Magnum's Brazil based exploration team (led by Antonio Vitor, a significant Magnum shareholder), who have a track record of REE discovery in the area.



Figure 3 - REE prospects identified on Magnum's Az125 REE Project (yellow dots). The local road network provides easy access to these prospects. The area hosts notable REE deposits. Note proximity to the city of Brasília.



Figure 4 - Auger drilling is being undertaken by two three-man crews. Samples are collected at each 0.5m interval to a nominal depth of five metres at each site. Assaying will be done by ALS, Brazil.

PLANNED WORK PROGRAMME AND NEWS FLOW

The auger drilling programme has a notional target of 333 holes for 1,665m. Field work is expected to take 40 days. Assay results from ALS are expected to be finalised in Q1 CY2026.

Once assessed, these results will drive the next phase of exploration which may consist of grid based auger drilling to define the aerial extent of the mineralisation defined from the first phase. Limited RC drilling may be used to assess thicker mineralised clays at depth.

ABOUT THE AZIMUTH REE PROJECT⁴

The Azimuth REE Project is a green field exploration project highly prospective for REE. It consists of 72 granted tenements (refer to JORC Table 1) covering ~1,201km² of highly prospective ground. The project extends over 900km of the regional Azimuth 125° (Az125°) Lineament across the states of Goiás and Minas Gerais, Brazil. The leases are 100% controlled by Magnum.

The Az125° Lineament is a crustal trans-Brazilian feature that reflects the deep plumbing system in the region. Diamond bearing lamprophyres and kimberlites have been the historic exploration targets. The lineament is now recognised as a major source of other metal mineralisation due to the exotic intrusives that occur along it. The Az125 leases cover granitic and alkaline intrusives lithologies that are a primary source of REEs, including monazite, xenotime, allanite, titanite, and apatite. Intrusive alkaline rocks typically host REE minerals eudialyte and loparite. These minerals may be weathered, and adsorbed and concentrated into surficial ionic clay deposits. The geophysical signatures of the source rocks are key to the exploration for REE deposits along this lineament.

Aeromagnetic data is used extensively to focus in on permissive lithologies for REE, while radiometric data is used to prioritise those targets.

The region has attracted major REE explorers, which include those with both announced REE resources and significant exploration results, as well as Fortescue Metals Group whom have secured a landholding close to some of the Azimuth Project granted claims.

⁴ Refer to ASX release, "Greenlight Received to Drill Test Brazil REE Targets", 7 October 2025.

CAUTIONARY STATEMENTS

This release contains “forward-looking information” that is based on the Company’s expectations, estimates and projections as of the date on which the statements were made. This forward-looking information includes, among other things, statements with respect to studies, the Company’s business strategy, plan, development, objectives, performance, outlook, growth, cash flow, projections, targets and expectations. Generally, this forward-looking information can be identified by the use of forward-looking terminology such as ‘outlook’, ‘anticipate’, ‘project’, ‘target’, ‘likely’, ‘believe’, ‘estimate’, ‘expect’, ‘intend’, ‘may’, ‘would’, ‘could’, ‘should’, ‘scheduled’, ‘will’, ‘plan’, ‘forecast’, ‘evolve’ and similar expressions. Persons reading this news release are cautioned that such statements are only predictions, and that the Company’s actual future results or performance may be materially different. Forward-looking information is subject to known and unknown risks, uncertainties and other factors that may cause the Company’s actual results, level of activity, performance or achievements to be materially different from those expressed or implied by such forward-looking information.

Forward-looking information is developed based on assumptions about such risks, uncertainties and other factors set out herein, including but not limited to general business, economic, competitive, political and social uncertainties; the actual results of current development activities; conclusions of economic evaluations; changes in project parameters as plans continue to be refined; future prices of metals; failure of plant, equipment or processes to operate as anticipated; accident, labour disputes and other risks of the mining industry; and delays in obtaining governmental approvals or financing or in the completion of development or construction activities. This list is not exhaustive of the factors that may affect our forward-looking information. These and other factors should be considered carefully, and readers should not place undue reliance on such forward-looking information.

Neither the Company, nor any other person, gives any representation, warranty, assurance or guarantee that the occurrence of the events expressed or implied in any forward-looking statement will actually occur. Except as required by law, and only to the extent so required, none of the Company, its subsidiaries or its or their directors, officers, employees, advisors or agents or any other person shall in any way be liable to any person or body for any loss, claim, demand, damages, costs or expenses of whatever nature arising in any way out of, or in connection with, the information contained in this document. The Company disclaims any intent or obligations to or revise any forward-looking statements whether as a result of new information, estimates, or options, future events or results or otherwise, unless required to do so by law.

COMPETENT PERSON'S 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.

BY ORDER OF THE BOARD

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JORC Code, 2012 Edition – Table 1 report**SECTION 1 – SAMPLING TECHNIQUES AND DATA**

CRITERIA	COMMENTARY
Sampling techniques	<ul style="list-style-type: none"> No results are reported.
Drilling techniques	<ul style="list-style-type: none"> Drilling is been undertaken by motorised auger to a nominal depth of 5m. The auger bit diameter is 3" and 4". Holes are vertical
Drill sample recovery	<ul style="list-style-type: none"> Samples are being collected every 0.5m down hole. 100% of the sample is recovered. Auger samples are less controlled than other methods and downhole contamination may occur.
Logging	<ul style="list-style-type: none"> Geological logging is being done on site.
Sub- sampling techniques and sample preparation	<ul style="list-style-type: none"> Not applicable.
Quality of assay data and laboratory tests	<ul style="list-style-type: none"> Not applicable.
Verification of sampling and assaying	<ul style="list-style-type: none"> No applicable.
Location of data points	<ul style="list-style-type: none"> Auger collars are recorded using as a hand held GPS unit with an accuracy of sub ± 10m. Data is collected using the UTM SIRGAS2000 zone 23S projection.
Data spacing and distribution	<ul style="list-style-type: none"> Auger collars are located on the maxima of airborne radiometric anomalies. Data spacing is irregular.
Orientation of data in relation to geological structure	<ul style="list-style-type: none"> Collars are located on radiometric anomalies with no reference to underlying geology or structures. This is considered adequate in the early stages of exploration.
Sample security	<ul style="list-style-type: none"> Samples are in the possession of contract geologists at all times until delivered to the assaying laboratory.
Audits or reviews	<ul style="list-style-type: none"> No audits have been done at this stage.

SECTION 2 – REPORTING OF EXPLORATION RESULTS

Criteria listed in the preceding section also apply to this section

CRITERIA	COMMENTARY																																																												
Mineral tenement and land tenure status	<ul style="list-style-type: none"> The Azimuth REE Project is 100% owned and controlled by Magnum Mining and Exploration Ltd, an Australian ASX listed public company. The project consists of 72 granted mineral exploration permits covering ~1,201km² on the Azimuth 125° Lineament, Minas Gerais and Goiás states, Brazil. All permits are in good standing. The permits are registered at Agencia Nacional de Mineracao (ANM). Permits held in the Azimuth REE Project are: 																																																												
	<table border="1"> <thead> <tr> <th>#</th> <th>TENEMENT</th> <th>HA</th> <th>COUNTY STATE</th> <th>STATUS</th> <th>COMMODITY</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>830284/2024</td> <td>1765.35</td> <td>PATROCÍNIO /MG</td> <td>GRANTED</td> <td>REE</td> </tr> <tr> <td>2</td> <td>830285/2024</td> <td>1978.36</td> <td>SANTA ROSA DA SERRA /MG</td> <td>GRANTED</td> <td>REE</td> </tr> <tr> <td>3</td> <td>830286/2024</td> <td>1711.35</td> <td>SANTA ROSA DA SERRA /MG</td> <td>GRANTED</td> <td>REE</td> </tr> <tr> <td>4</td> <td>830287/2024</td> <td>1731.35</td> <td>SANTA ROSA DA SERRA /MG</td> <td>GRANTED</td> <td>REE</td> </tr> <tr> <td>5</td> <td>830288/2024</td> <td>1478.97</td> <td>SANTA ROSA DA SERRA /MG</td> <td>GRANTED</td> <td>REE</td> </tr> <tr> <td>6</td> <td>830289/2024</td> <td>1604.16</td> <td>IGUATAMA /MG</td> <td>GRANTED</td> <td>REE</td> </tr> <tr> <td>7</td> <td>830290/2024</td> <td>1815.11</td> <td>IGUATAMA /MG</td> <td>GRANTED</td> <td>REE</td> </tr> <tr> <td>8</td> <td>830291/2024</td> <td>1882.06</td> <td>IGUATAMA /MG</td> <td>GRANTED</td> <td>REE</td> </tr> <tr> <td>9</td> <td>830281/2024</td> <td>1531.83</td> <td>IGUATAMA /MG</td> <td>GRANTED</td> <td>REE</td> </tr> </tbody> </table>	#	TENEMENT	HA	COUNTY STATE	STATUS	COMMODITY	1	830284/2024	1765.35	PATROCÍNIO /MG	GRANTED	REE	2	830285/2024	1978.36	SANTA ROSA DA SERRA /MG	GRANTED	REE	3	830286/2024	1711.35	SANTA ROSA DA SERRA /MG	GRANTED	REE	4	830287/2024	1731.35	SANTA ROSA DA SERRA /MG	GRANTED	REE	5	830288/2024	1478.97	SANTA ROSA DA SERRA /MG	GRANTED	REE	6	830289/2024	1604.16	IGUATAMA /MG	GRANTED	REE	7	830290/2024	1815.11	IGUATAMA /MG	GRANTED	REE	8	830291/2024	1882.06	IGUATAMA /MG	GRANTED	REE	9	830281/2024	1531.83	IGUATAMA /MG	GRANTED	REE
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CRITERIA

COMMENTARY

10	860.248/2024	1758.56	PIRACANJUBA /GO	GRANTED	REE
11	860247/2024	1028.19	PIRACANJUBA /GO	GRANTED	REE
12	860219/2024	1964.55	PIRACANJUBA /GO	GRANTED	REE
13	860220/2024	1963.93	PIRACANJUBA /GO	GRANTED	REE
14	860221/2024	1932.79	PIRACANJUBA /GO	GRANTED	REE
15	860222/2024	1932.53	PIRACANJUBA /GO	GRANTED	REE
16	860227/2024	1976.42	PIRACANJUBA /GO	GRANTED	REE
17	860226/2024	1899.26	PIRACANJUBA /GO	GRANTED	REE
18	860225/2024	396.81	PIRACANJUBA /GO	GRANTED	REE
19	860224/2024	1889.61	PIRACANJUBA /GO	GRANTED	REE
20	860223/2024	1954.28	PIRACANJUBA /GO	GRANTED	REE
21	860190/2024	1894.43	BOM JARDIM DE GOIÁS /GO	GRANTED	REE
22	860191/2024	1972.35	PIRANHAS /GO	GRANTED	REE
23	860192/2024	1066.45	PIRANHAS /GO	GRANTED	REE
24	860246/2024	1972.35	PIRANHAS /GO	GRANTED	REE
25	860198/2024	1448.05	PIRANHAS /GO	GRANTED	REE
26	860196/2024	1916.3	PIRANHAS /GO	GRANTED	REE
27	860194/2024	1897.74	PIRANHAS /GO	GRANTED	REE
28	860197/2024	1597.89	PIRANHAS /GO	GRANTED	REE
29	860195/2024	1975.17	PIRANHAS /GO	GRANTED	REE
30	860241/2024	1965.49	PIRANHAS /GO	GRANTED	REE
31	860193/2024	1798.77	CÓRREGO DO OURO /GO	GRANTED	REE
32	860189/2024	1951.59	BOM JARDIM DE GOIÁS /GO	GRANTED	REE
33	860187/2024	1933.25	BOM JARDIM DE GOIÁS /GO	GRANTED	REE
34	860199/2024	1993.41	MONTES CLAROS DE GOIÁS /GO	GRANTED	REE
35	860202/2024	1997.22	MONTES CLAROS DE GOIÁS /GO	GRANTED	REE
36	860200/2024	1295.98	MONTES CLAROS DE GOIÁS /GO	GRANTED	REE
37	860203/2024	1949.28	MONTES CLAROS DE GOIÁS /GO	GRANTED	REE
38	860204/2024	1851.99	MONTES CLAROS DE GOIÁS /GO	GRANTED	REE
39	860205/2024	1999.62	MONTES CLAROS DE GOIÁS /GO	GRANTED	REE
40	860207/2024	1999.68	MONTES CLAROS DE GOIÁS /GO	GRANTED	REE
41	860208/2024	1923.15	MONTES CLAROS DE GOIÁS /GO	GRANTED	REE
42	860206/2024	1999.65	MONTES CLAROS DE GOIÁS /GO	GRANTED	REE
43	860209/2024	1969.44	MONTES CLAROS DE GOIÁS /GO	GRANTED	REE
44	860210/2024	1963.35	MONTES CLAROS DE GOIÁS /GO	GRANTED	REE
45	860211/2024	442.5	MONTES CLAROS DE GOIÁS /GO	GRANTED	REE
46	860243/2024	1977.68	MONTES CLAROS DE GOIÁS /GO	GRANTED	REE
47	860242/2024	1854.61	MONTES CLAROS DE GOIÁS /GO	GRANTED	REE
48	860212/2024	1919.77	JUSSARA /GO	GRANTED	REE
49	860213/2024	958.19	NOVO BRASIL /GO	GRANTED	REE
50	860217/2024	1907.76	ANICUNS /GO	GRANTED	REE
51	860218/2024	751.18	ANICUNS /GO	GRANTED	REE
52	860215/2024	745.7	ANICUNS /GO	GRANTED	REE
53	860216/2024	1970.98	ANICUNS /GO	GRANTED	REE
54	860229/2024	1953.94	CALDAS NOVAS /GO	GRANTED	REE
55	860228/2024	1972.11	CALDAS NOVAS /GO	GRANTED	REE
56	860231/2024	552.95	CALDAS NOVAS /GO	GRANTED	REE
57	860230/2024	1894.26	CORUMBAIBA /GO	GRANTED	REE
58	860232/2024	1862.56	CORUMBAIBA /GO	GRANTED	REE
59	860236/2024	1600.2	CORUMBAIBA /GO	GRANTED	REE
60	860234/2024	1961.99	CORUMBAIBA /GO	GRANTED	REE
61	860235/2024	1063.27	CORUMBAIBA /GO	GRANTED	REE
62	860233/2024	821.25	CORUMBAIBA /GO	GRANTED	REE
63	860239/2024	1902.73	CUMARI /GO	GRANTED	REE
64	860240/2024	505.19	CUMARI /GO	GRANTED	REE
65	860238/2024	1860.12	ANHANGUERA /GO	GRANTED	REE
66	860237/2024	1852.56	ANHANGUERA /GO	GRANTED	REE
67	860384/2020	1997.33	Block Arenopolis GOIAS	GRANTED	Au
68	860385/2020	1670.48		GRANTED	Au
69	860386/2020	1906.42		GRANTED	Au
70	860397/2020	1698.09		GRANTED	Au
71	860398/2020	1800.17		GRANTED	Au
72	860519/2020	212.7		GRANTED	Au
TOTAL		120,144.76			

Exploration done by other parties

- The area remains poorly explored with no recorded historic exploration.
- Servico Geologico do Brasil (Geological Survey of Brazil) has undertaken regional geological field mapping and regional airborne geophysical surveying.

Geology

- The basement rocks underlying Brazil formed during the Precambrian and include the São Francisco Craton which outcrops in Minas Gerais and Bahia.
- The Azimuth 125 REE Project is located within the Tocantins Structural Province in the Brasilia Fold Belt, which is part of the Goiás Magmatic Arc. The Tocantins Province is composed of a series of SSW-NNE trending terranes of mainly Proterozoic ages which stabilised in the Neoproterozoic in the final collision between the Amazon and São Francisco cratons. The Tocantins Province is divided into an eastern and western section. The eastern section is located in a N-S arc-shaped folded belt known as the Brasilia Folded Belt (BFB), which extends northwards to the state of Tocantins and southwards to the state of Minas Gerais.

CRITERIA	COMMENTARY
	<p>The Brasilia Fold Belt consists of a deformed mobile belt deposited during the Meso to Neoproterozoic in the western margin of the Sao Francisco Craton over a basement of Paleoproterozoic granitic-gneissic terrane affected by Mesoproterozoic deformation. The Azimuth REE Project lies at the centre of the BFB on the western margin of the belt and extends from adjacent to Appia's PCH deposit to \ near CBMM's Araxa REE deposit. It lies in the Goiás Alkaline Province of the BFB, an area dominated by Upper Cretaceous alkaline magmatism.</p> <ul style="list-style-type: none"> • The area is transected by the Azimuth 125° (AZ125°) Lineament. This is crustal scale feature that cuts across the whole of Brazil. It is associated with basic dyke swarms and intrusives. The Azimuth REE Project has claims over the area where the AZ125° intersects the NE trending Transbrasiliano Lineament. • The northern permits are underlain by Iporá Granite with carbonatite (phosphate intrusion) and detrital-alluvial cover. The southern permits are underlain by gabbros of the Goiás Alkaline Province with overlying detrital-alluvial cover. • The mineralisation sought falls into two categories: <ul style="list-style-type: none"> • Carbonatite hosted REE • Rare earth ionic adsorption clay-(IAC) style deposits • IAC is the focus of exploration at the Project. Ionic clay-style deposits are especially important because they are rich in heavy rare earth elements (HREEs), which are more valuable and less abundant than the light rare earth elements (LREEs). These include elements like dysprosium and terbium, which are essential for many high-tech applications, including wind turbines, hybrid vehicles, and defence technologies.
Drill hole information	<ul style="list-style-type: none"> • No historic drilling exists. • Hole information will be tabulated once the programme is completed..
Data aggregation methods	<ul style="list-style-type: none"> • Not applicable.
Relation between mineralisation widths and intercept lengths	<ul style="list-style-type: none"> • Not applicable.
Diagrams	<ul style="list-style-type: none"> • See diagrams included in this announcement.
Balanced reporting	<ul style="list-style-type: none"> • No results are reported in this release.
Other substantive exploration data	<ul style="list-style-type: none"> • No substantive exploration data exists for the permit areas other than the airborne geophysical surveys.
Further work	<ul style="list-style-type: none"> • Pattern drilling will be considered once the current work programme is completed.