



## Largest known JORC rare earth and titanium resource player in Brazil and World top-tier



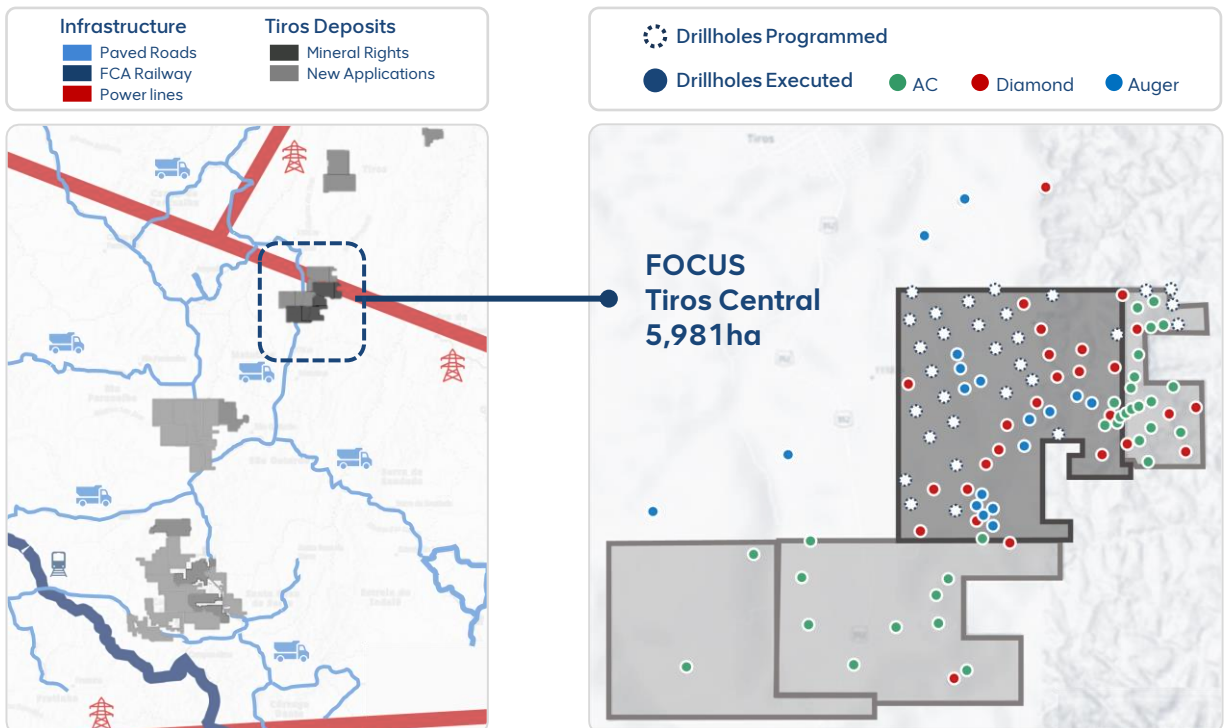
and other REE and minerals

### TIROS PROJECT

- 1 1.7 Billion Tonne JORC Resource with High-Grade REE and Ultra High-Grade TiO<sub>2</sub>**  
 102 holes drilled for 4,766 metres; only 7% of tenements comprising the Tiros project area in the maiden MRE; majority of resource open laterally and homogeneous in nature.
- 2 Comprehensive metallurgical testwork program underway**  
 Partnering with two premium laboratories, CIT SENAI and Altilium, to conduct detailed standard and high-recovery tests on samples from the central block over 2024.
- 3 Tier one mining jurisdiction with established infrastructure**  
 Project is well located in Minas Gerais, Brazil, a leading mining jurisdiction with existing world class roads, rail, ports, power, water infrastructure and local qualified labour.
- 4 Near and medium-term catalysts to drive shareholder value**  
 Ongoing infill drilling for mine planning, metallurgical testwork for plant flowsheet design, mine permitting, EIA (environmental assessment), PEA (economic assessment) and ESG Initiatives.
- 5 Accretive valuation relative to peers**  
 Tight capital structure and high-quality share register, 25% owned by management and board, 75% by institutions/family office/HNW/retail, with attractive market capitalisation.



### Drilling program for 45,000 ha of tenements



## Extensive, targeted land holding, 450 km<sup>2</sup>

The Capacete Formation is made up of a very consistent, flat layer of highly weathered volcanoclastic material, averaging 40 metres in thickness at or near surface and 71 km long, created 60 million years ago by severe weathering/oxidation in a sub-tropical environment.

Low-cost mining and development as a result of a soft clay-like material, requiring no drill, no blast; processing adjacent to railway line; no crushing, with minimal grinding, in a mining-friendly jurisdiction, allowing for streamlined permitting.

## Drilling effective outcomes

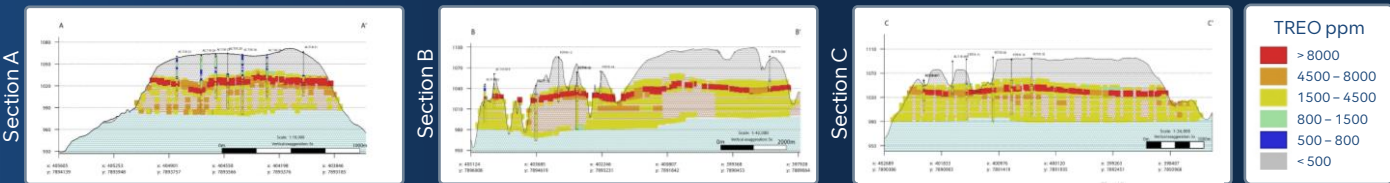
Over 1 Bn tonnes JORC Measured + Indicated Resource @ 4,050ppm TREO + 12.0% TiO<sub>2</sub>

Domain	Category	TONNES (t)	TiO <sub>2</sub> (%)	TREO (ppm)	MREO (ppm)
High-Grade	Inferred	620,000,000	11	3,500	950
	Indicated	704,000,000	11	3,650	1,020
	Measured	224,000,000	11	3,570	997
	Sum	1,500,000,000	11	3,500	930

## A special gem: ultra high-grade domain deposit

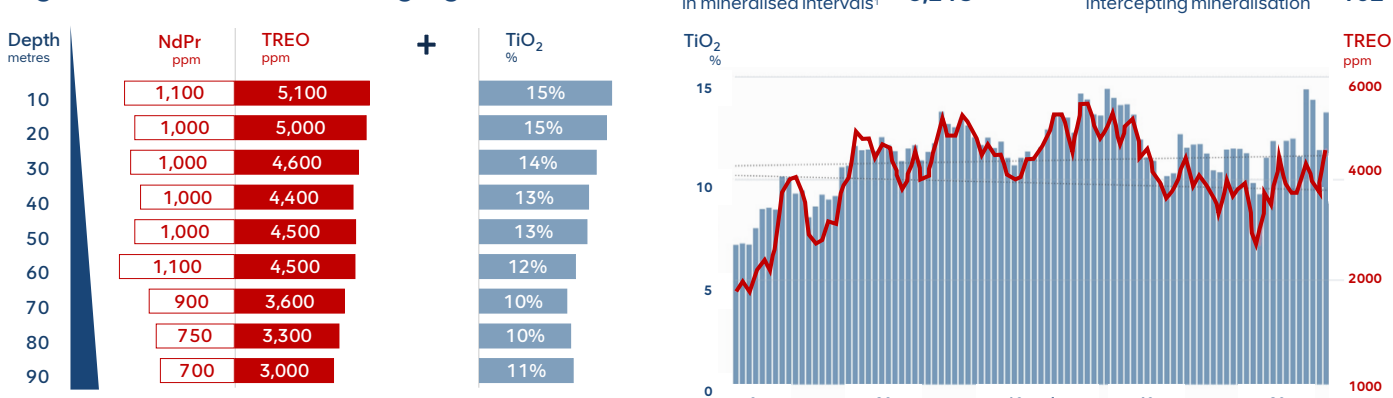
120Mt at 9,000ppm TREO, 2,400ppm MREO and 23% TiO<sub>2</sub>

Domain	TONNES (t)	TiO <sub>2</sub> (%)	TREO (ppm)	MREO (ppm)
Ultra High-Grade	42,000,000	23	8,700	2,200
	55,700,000	23	9,030	2,380
	20,800,000	24	9,320	2,530
	120,000,000	23	9,000	2,400

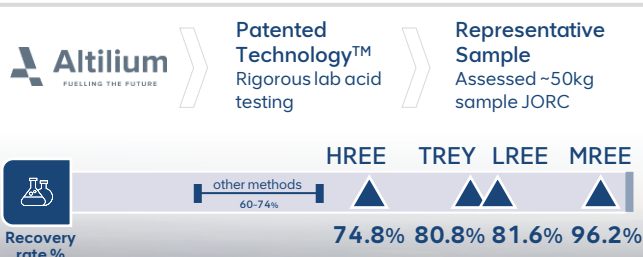


Sections are angular views showing High Grade (HG) in red. Sections A and B are northeast to southwest; Section C is northwest to southeast (sections are rendered with a x5 vertical exaggeration)

## Significant and consistent high-grade results



## Exceptional metallurgical study results



## Capital structure

CAD

Shares on issue	92.332 M
Options, Warrants, Performance rights	13.804 M
Fully Diluted	105.386 M
Cash (Sept 1 <sup>st</sup> , 2024)	5.22 M
Share Price (Sept 1 <sup>st</sup> , 2024)	0.335
Market Cap	30.93 M

For more information, please visit our website, [www.resouro.com](http://www.resouro.com) or contact:

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