RESOURO
STRATEGIC METALS

A new benchmark for Titanium and Rare Earths in Brazil

JANUARY 2026

TSX-V:RSM ASX:RAU FSE:BU9 OTC:RSGOF

Introduction

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The information in this document that relates to Exploration Targets, Exploration Results and Mineral Resources is based on, and fairly represents, information compiled by Mr Luis Oviedo, a Competent Person who is a member of the Australian Institute of Geoscientists FAIG#408. Mr Oviedo is a consultant for Atticus Geoscience and has sufficient experience that is relevant to the style of mineralisation andtype of deposit under consideration and to the activity being undertaken to qualify him as Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Certain information in this document is extracted from the ASX announcement titled "Resouro Strategic Metals Maiden JORC Resource for the Tiros Project" dated 18 July 2024 that relates to Exploration Targets, Exploration Results and Mineral Resources and is based upon information compiled by Mr Luis Oviedo. RAU confirms that it is not aware of any new information or data that materially affects the information included in the ASX announcement and, in the case of Exploration Targets, Exploration Results and Mineral Resources, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. RAU confirms that the form and context in which the Competent Person's findings are presented have not materially been modified from the original market announcement. Mr Luis Oviedo consents to the inclusion of this information in this document of the matters based on his information in the form and context in which it appears.

Titanium and REE – future facing commodities

Titanium (TiO_2)

strong, white and bright

- Exceptional corrosion resistance, lightweight, strength-to-density ratio
- High demand industrial use – automotive, defence, aerospace, energy, medical/healthcare, chemical, paint

REE (Nd, Pr, Dy)

enabling technology, transitioning energy

- REE carbonate demand to significantly outstrip supply by 2030
- Unlocking limitations of magnet and automaker markets outside China
- Improving pricing transparency

Tiros Project: Minas Gerais, Brazil

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- Leading mining jurisdiction home to most of Brazil's growth resources projects.
- Supportive legislative and regulatory frameworks.
- Existing world class roads, rail, ports, power, water infrastructure.
- Local, qualified and experienced labour force.
- Mining value creation trending up in Brazil, growing 8% in 2024 on previous year.
- Programmed investment forecast to grow 28% from 2024 – 2028 on previous five years.

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Tiros Project – premier location in a mining friendly jurisdiction

The region and Project have unique features

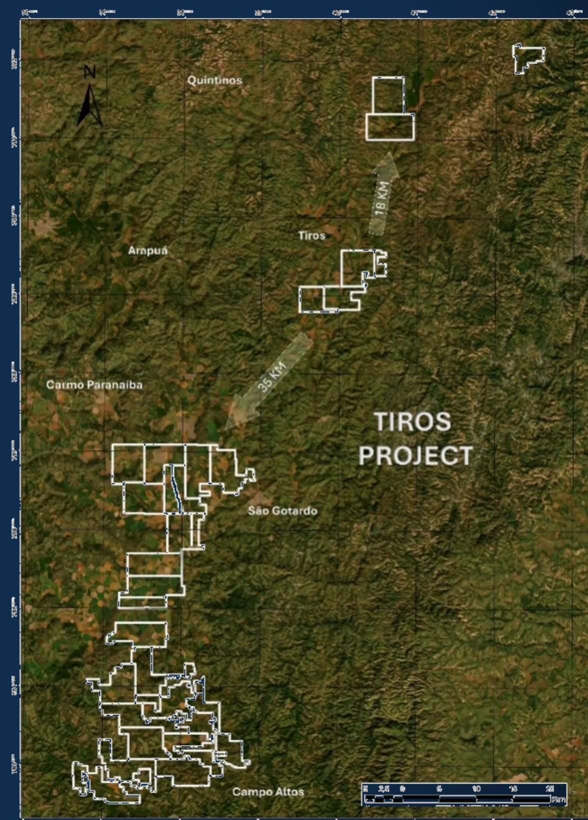
Favourable geology in large land holding of approximately 497km^2

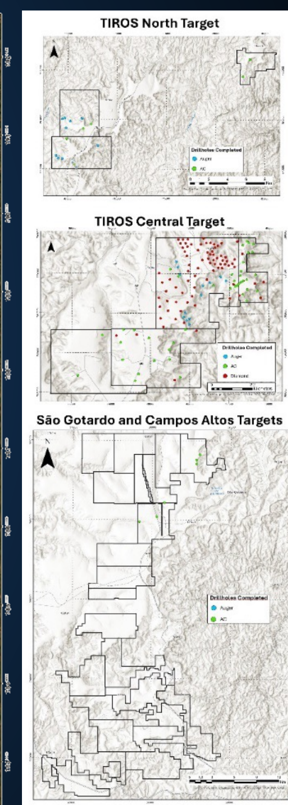
Extensive homogeneous layer of consistent host type and grade

Enormous 1.9 billion tonne MRE containing ultra high-grade TiO^2 mineralization

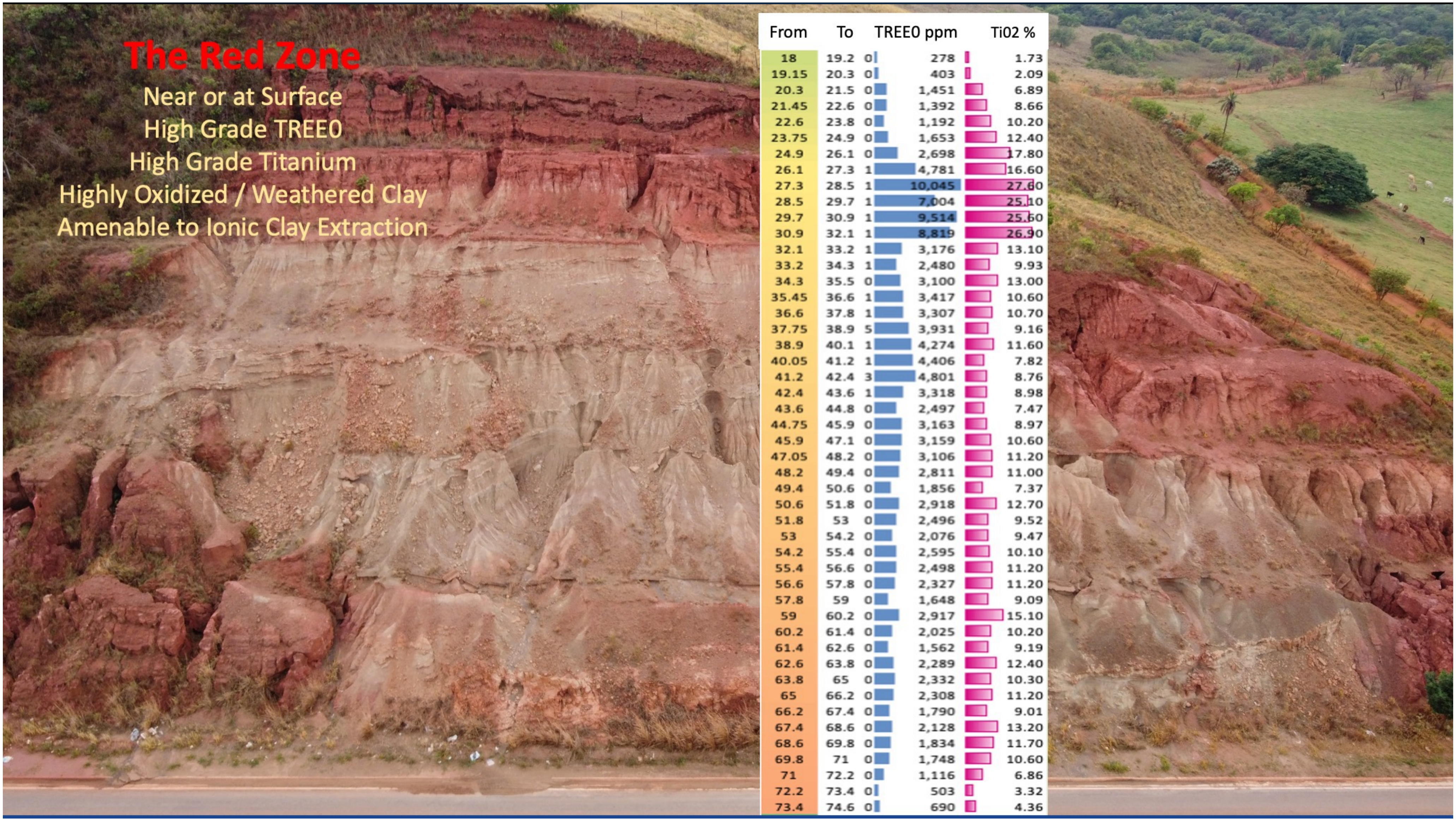
Note: Further details of the Company's JORC MRE are contained within the Company's ASX announcement of 9 April, 2025/TSXV 8 April 2025. Resouro is not aware of any new information or data that materially affects the information included in the Company's announcement and that all material assumptions and technical parameters underpinning the estimates referred to therein continue to apply and have not materially changed."

Only 8% of total tenement explored to date with significant upside potential





Resouro's mineral right holding at Tiros North, Tiros Central, Sao Gotardo and Campos Altos.



From	To		TREE0 ppm	Ti02 %
18	19.2	0	278	1.73
19.15	20.3	0	403	2.09
20.3	21.5	0	1,451	6.89
21.45	22.6	0	1,392	8.66
22.6	23.8	0	1,192	10.20
23.75	24.9	0	1,653	12.40
24.9	26.1	0	2,698	17.80
26.1	27.3	1	4,781	16.60
27.3	28.5	1	10,045	27.60
28.5	29.7	1	7,004	25.10
29.7	30.9	1	9,514	25.60
30.9	32.1	1	8,819	26.90
32.1	33.2	1	3,176	13.10
33.2	34.3	1	2,480	9.93
34.3	35.5	0	3,100	13.00
35.45	36.6	1	3,417	10.60
36.6	37.8	1	3,307	10.70
37.75	38.9	5	3,931	9.16
38.9	40.1	1	4,274	11.60
40.05	41.2	1	4,406	7.82
41.2	42.4	3	4,801	8.76
42.4	43.6	1	3,318	8.98
43.6	44.8	0	2,497	7.47
44.75	45.9	0	3,163	8.97
45.9	47.1	0	3,159	10.60
47.05	48.2	0	3,106	11.20
48.2	49.4	0	2,811	11.00
49.4	50.6	0	1,856	7.37
50.6	51.8	0	2,918	12.70
51.8	53	0	2,496	9.52
53	54.2	0	2,076	9.47
54.2	55.4	0	2,595	10.10
55.4	56.6	0	2,498	11.20
56.6	57.8	0	2,327	11.20
57.8	59	0	1,648	9.09
59	60.2	0	2,917	15.10
60.2	61.4	0	2,025	10.20
61.4	62.6	0	1,562	9.19
62.6	63.8	0	2,289	12.40
63.8	65	0	2,332	10.30
65	66.2	0	2,308	11.20
66.2	67.4	0	1,790	9.01
67.4	68.6	0	2,128	13.20
68.6	69.8	0	1,834	11.70
69.8	71	0	1,748	10.60
71	72.2	0	1,116	6.86
72.2	73.4	0	503	3.32
73.4	74.6	0	690	4.36

Ionic clay and soft friable host across mostly flat, sparsely populated, unforested land

Competitive exploration, mining and processing edge

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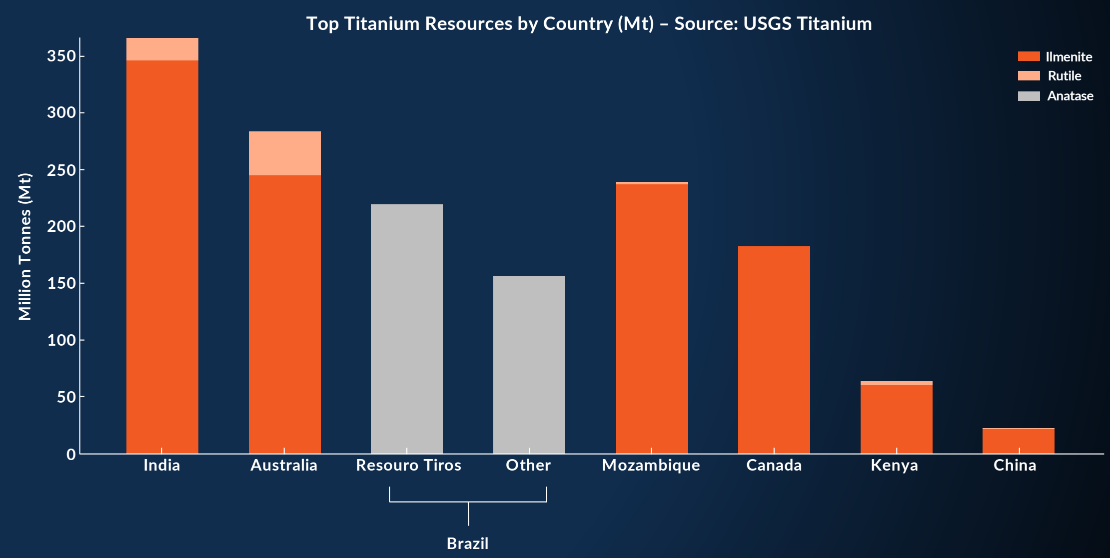
Soft friable host across mostly flat, sparsely populated, unforested land

Low exploration costs with minimal environmental harm

No drill and blast or crushing required, meaning low excavation costs

Tiros MRE upgrade – more than half Brazil's known titanium resources in one deposit

- Increase of 12% to 1.9 billion tonnes
- Measured and Indicated Resources increase by 37% to 1.4Bt @ 12% TiO_2 and 4,000ppm TREO
- Includes ultra high-grade mineralisation of 103Mt at 23% TiO_2 and 9,100 ppm TREO
- Total 165Mt of contained TiO_2
- Includes 1.5Mt contained MREO



Tiros Central Block contained metal – a giant in rare earth minerals compared to peers

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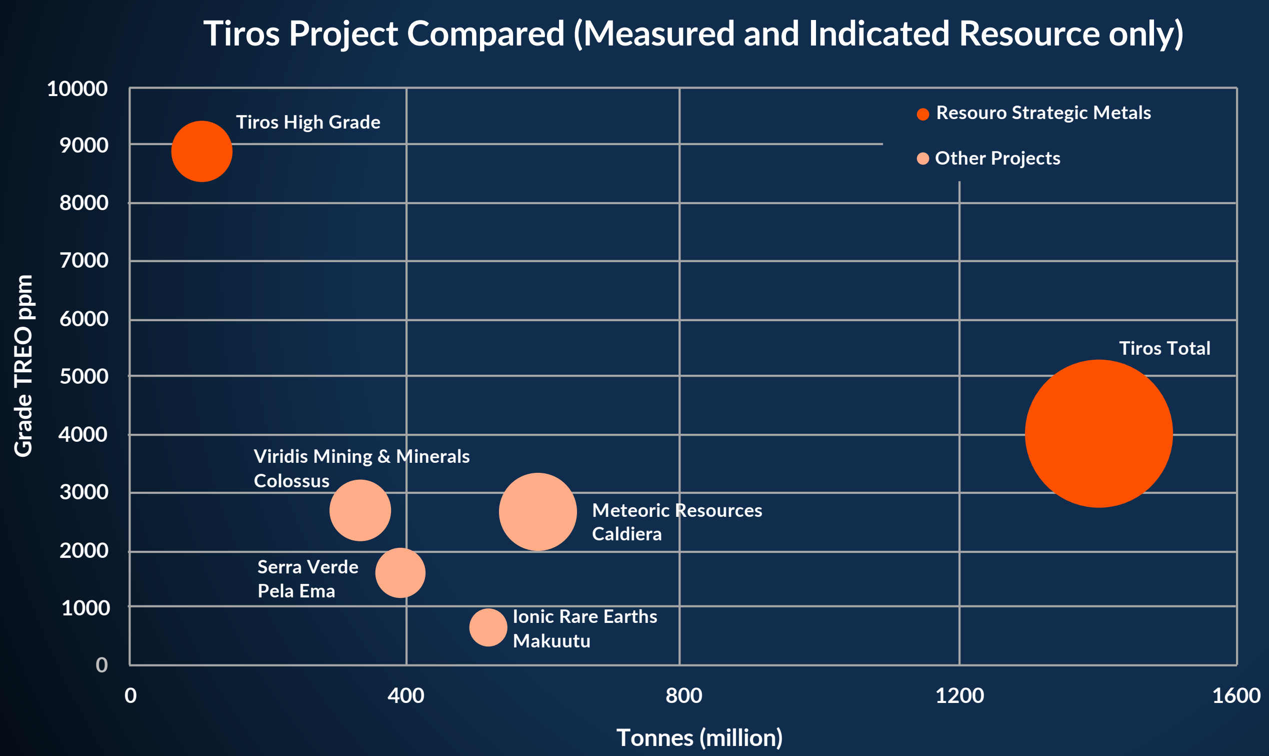

Bubble chart of Tiros total and high-grade MRE for rare earths in comparison to selected peer projects in relation to tonnage of Measured and or Indicated mineral resources against average grade. The bubble size reflects the metal content calculated as total resource tonnes times average resource grade.

*Refer ASX announcement 9 April 2025: Tiros Measured and Indicated Resource increased by 37% to 1.4 billion tonnes at 12% TiO_2 and 4,000 ppm TREO

Technical MRE* detail worth noting of one of the world's largest undeveloped TiO_2 and REE deposits

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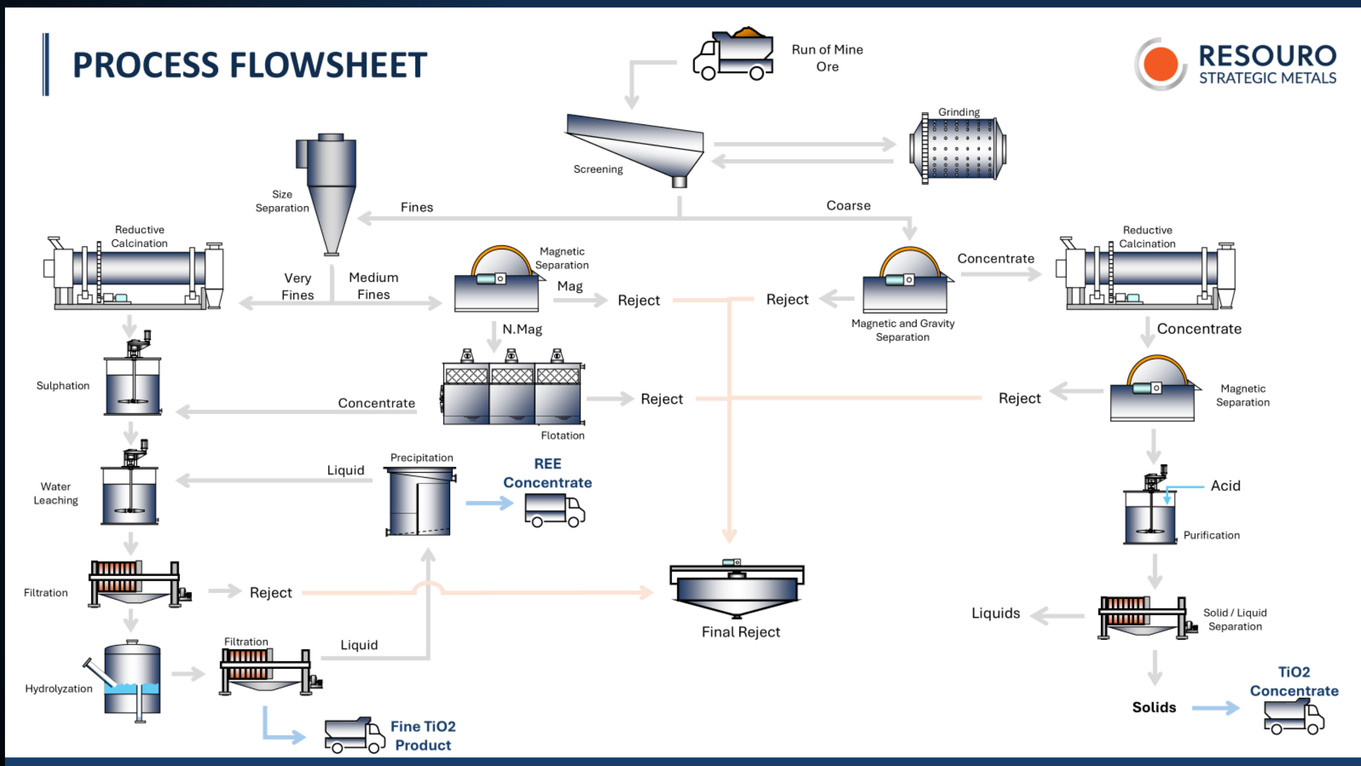
DOMAIN	Category	Million tonne	TiO_2%	TREO (ppm)	MREO (ppm)	MREO/TREO ratio %
High Grade (G)	Measured	30	24	9,300	2,500	27
	Indicated	74	23	8,900	2,300	26
	M + I	**103**	**23**	**9,100**	**2,400**	**26**
	Inferred	33	22	8.300	2,200	26
Medium Grade (MG)	Measured	340	11	3,700	1,000	28
	Indicated	930	11	3,600	1,000	28
	M + I	**1,300**	**11**	**3,600**	**1,000**	**28**
	Inferred	470	11	3,400	920	27
Total (HG + MG)	Measured	367	12	4,100	1,100	28
	Indicated	1,000	12	4,000	1,100	27
	M + I	**1,400**	**12**	**4,000**	**1,100**	**28**
	Inferred	500	12	3,700	1,000	27

*Refer ASX announcement 9 April 2025: Tiros Measured and Indicated Resource increased by 37% to 1.4 billion tonnes at 12% TiO_2 and 4,000 ppm TREO

Process Flowsheet for PEA Defined

The process flowsheet uses conventional mineral processing technologies to produce Titanium Dioxide Concentrates and Mixed Rare Earths Sulfates



The flowsheet is comprised of two circuits :

A coarse particle treatment stream designed to recover a high-grade titanium concentrate for sale to traditional titanium markets, through the use of mineral dressing technologies, and some calcination / leaching technologies

A fine particle treatment stream optimized for the recovery of a fine titanium powder, as well as rare earth elements, by using a calcination / acid baking / leach process.

Metallurgical and Flowsheet Development Continues

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Key highlights:

- PEA Metallurgical Testwork and Flowsheet Complete; test work ongoing for PFS
- Focused on unlocking additional value from the project's multi-commodity potential
- Work designed to confirm optimal recovery strategies for Ti and Total Rare Earth Oxides (TREO)
- Basic PEA Flowsheet defined, Cost Benefit Studies for various flowsheets to be done at PFS
- Commencing PFS in Quarter 1 2026

Strong activity and news flow pipeline

Next operational steps

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Environmental studies commenced with a particular focus on minimising the use of water through extraction processes.

Metallurgical test for Preliminary Economic Study (PEA), mining studies complete

CAPEX and OPEX estimation underway

Preliminary Economic Assessment (PEA)

Q1 2026

Progressing to pilot plant in second half of 2026.

Partnerships and collaborations

MagBras

MagBras Initiative
Leading Brazil's REE permanent magnet production

PROGESYS

Progesys International B Ltda
Project Engineering Managers

sete

Sete Soluções e Tecnologia Ambiental
Conducting Environmental Impact Assessment

Strategic focus, local expertise and critical minerals experience

Board & Management

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Christopher Eager

Chairman and CEO (Chile)

Philippe Martins

Director & Chief
Legal Counsel (Brazil)

Justin Clyne

Director (Australia)

Anne Landry

Director (Canada)

Sandra Evans

CFO and
Corporate Secretary

Capital structure

ASX Chess Depositary Interests	**45,529,818**
TSXV Common Stock	62,060,231
Total on Issue	107,590,049
Options issued under the Company Plan	10,495,000
Options issued to Brokers	1,843,643
Warrants	7,500,000
Warrants issued to Brokers	600,616
Performance Rights	750,000
Fully Diluted Securities	128,779,308

Investment highlights

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Distinct asset
Single project focus offering multi-commodity development and production options

World-class location
Project in world-renowned Minas Gerais mining area with excellent established infrastructure

Growth opportunity
Huge global market growth for Ti and REE across a range of applications

ESG outcomes
Strong focus on clean energy, novel metallurgy, premium waste management and establishing social license to operate

Low risk
Expanding resource base of high-grade Ti + REE with significant exploration upside

Downstream ecosystem
Access to Brazil's downstream value adding manufacturing sector

Partnerships
Established partnerships exploring novel metallurgical and tailing management process

Offtake advancing
Potential low-risk offtake options with support from Minas Gerais Government

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For further information:

CEO Christopher Eager

chris.eager@resouro.com

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This Presentation has been approved by the CEO & Board of Directors of Resouro Strategic Metals Inc.