



RESOURO
STRATEGIC METALS

ASX RAU TSX-V RSM FSE BU9 OTC RSGOF

Maiden JORC Resource for the Tiros Project Completed

Investor Presentation
18 July 2024

Disclaimer, Terms of the Presentation and Important Notices

NOT AN OFFER OF SECURITIES

This document has been independently prepared by Resouro Strategic Metals Inc. (RAU) and is provided for informational purposes only.

This document does not constitute or contain an offer, invitation, solicitation or recommendation with respect to the purchase or sale of any security in RAU. This document does not constitute an offer to sell, or a solicitation of an offer to buy, any securities in any jurisdiction (in particular, the United States or Canada), or a securities recommendation. This document is not a prospectus, product disclosure statement or other offering document under Australian law or any other law and will not be lodged with the Australian Securities and Investments Commission.

Summary information

This document contains a summary of information about RAU and its activities that is current as at the date of this document. The information in this document is general in nature and does not purport to be complete or to contain all the information which a prospective investor may require in evaluating a possible investment in RAU or that would be required in a prospectus or a product disclosure statement prepared in accordance with the Corporations Act 2001 (Cth) (**Corporations Act**).

No liability

The information contained in this document has been prepared in good faith by RAU, however no guaranteed representation or warranty expressed or implied is or will be made by any person (including RAU and its affiliates and their directors, officers, employees, associates, advisers and agents) as to the accuracy, reliability, correctness, completeness or adequacy of any statements, estimates, options, conclusions or other information contained in this document.

To the maximum extent permitted by law, RAU and its affiliates and their directors, officers employees, associates, advisers and agents each expressly disclaims any and all liability, including, without limitation, any liability arising out of fault or negligence, for any loss arising from the use of or reliance on information contained in this document including representations or warranties or in relation to the accuracy or completeness of the information, statements, opinions, forecasts, reports or other matters, express or implied, contained in, arising out of or derived from, or for omissions from, this document including, without limitation, any financial information, any estimates or projections and any other financial information derived therefrom.

Statements in this document are made only as of the date of this document unless otherwise stated and the information in this document remains subject to change without notice. No responsibility or liability is assumed by RAU or any of its affiliates for updating any information in this document or to inform any recipient of any new or more accurate information or any errors or mis-descriptions of which RAU and any of its affiliates or advisers may become aware.

Forward looking statement

Certain information in this document refers to the intentions of RAU, but these are not intended to be forecasts, forward looking statements or statements about the future matters for the purposes of the Corporations Act or any other applicable law. The occurrence of the events in the future are subject to risks, uncertainties and other actions that may cause RAU's actual results, performance or achievements to differ from those referred to in this document. Accordingly, RAU and its affiliates and their directors, officers, employees and agents do not give any assurance or guarantee that the occurrence of these events referred to in the document will actually occur as contemplated.

Statements contained in this document, including but not limited to those regarding the possible or assumed future costs, performance, dividends, returns, revenue, exchange rates, potential growth of RAU, industry growth or other projections and any estimated company earnings are or may be forward looking statements. Forward-looking statements can generally be identified by the use of words such as 'project', 'foresee', 'plan', 'expect', 'aim', 'intend', 'anticipate', 'believe', 'estimate', 'may', 'should', 'will' or similar expressions. These statements relate to future events and expectations and as such involve known and unknown risks and significant uncertainties, many of which are outside the control of RAU. Actual results, performance, actions and developments of RAU may differ materially from those expressed or implied by the forward-looking statements in this document.

Such forward-looking statements speak only as of the date of this document. There can be no assurance that actual outcomes will not differ materially from these statements. To the maximum extent permitted by law, RAU and any of its affiliates and their directors, officers, employees, agents, associates and advisers:

- disclaim any obligations or undertaking to release any updates or revisions to the information to reflect any change in expectations or assumptions; do not make any representation or warranty, express or implied, as to the accuracy, reliability or completeness of the information in this document, or likelihood of fulfilment of any forward-looking statement or any event or results expressed or implied in any forward-looking statement; and disclaim all responsibility and liability for these forward-looking statements (including, without limitation, liability for negligence).

Not financial product advice

This document does not constitute financial product advice or take into account your investment objectives, taxation situation, financial situation or needs. This document consists purely of factual information and does not involve or imply a recommendation of a statement of opinion in respect of whether to buy, sell or hold a financial product.

An investment in RAU is considered to be speculative in nature. Before making any investment decision in connection with any acquisition of securities, investors should consult their own legal, tax and/or financial advisers in relation to the information in, and action taken on the basis of, this document.

Use of Information in this document

This document may not be reproduced, disseminated, quoted or referred to, in whole or in part, without the express consent of RAU. By receiving this document, you agree not to copy, use, publish, record or reproduce the information in this document without the prior written consent of RAU, which may be withheld in its absolute discretion.

ACCEPTANCE: by attending an investor presentation or briefing, or accepting, accessing or reviewing this document you acknowledge and agree to the "Disclaimer" as detailed above.

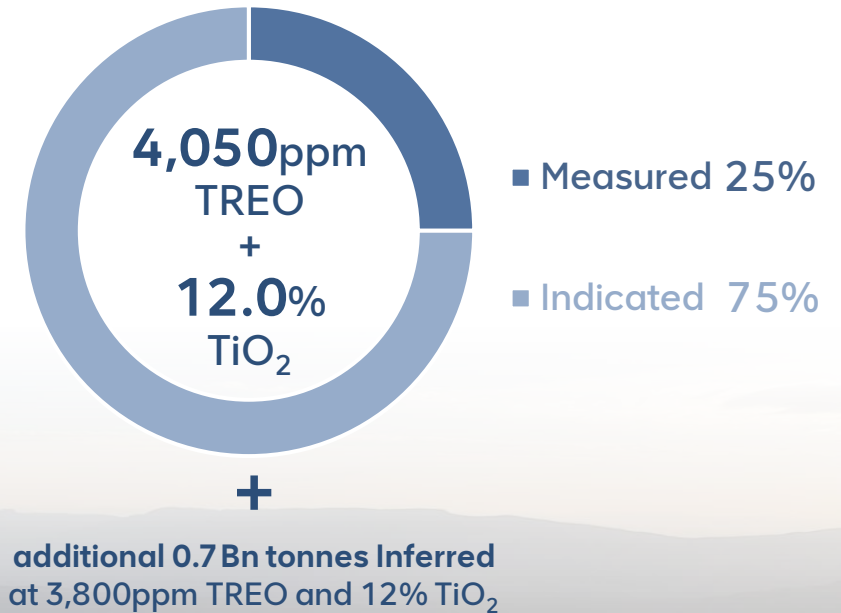
Competent Person Statement

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 and type 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.

Largest known JORC rare earth and titanium resource in Brazil

Emerging
Rare Earths and
Titanium Explorer
with significant deposit
and high grades

over
1Bn
tonnes



1.7 Billion tonnes
Total JORC Measured, Indicated and Inferred

¹ JORC Measured and Indicated at 1,000ppm TREO cut-off from the Central Block of Tiros Rare Earths and Titanium Project



RESOURO



Emerging Rare Earths and Titanium Explorer
with significant deposit & high grades



The deposit has unique features

- **Total Resources of 1.7 Bn tonnes** - 1 Bn tonnes measured + indicated, 0.7 Bn tonnes inferred.
- **Comprised of an outstanding grade-** 3,900ppm TREO, 1,100ppm MREO and 12% TiO_2 .
- **Ultra high-grade domain deposit** - 120Mt at 9,000ppm TREO, 2,400ppm MREO and 23% TiO_2 .
- Favourable geology in large land holding of approximately **450km²**.
- Extensive homogeneous layer of **consistent rock type and grade**.
- Testwork program with **metallurgical results expected shortly**.

1



Extensive drilling works with consistent results

- 102 holes drilled for 4,766 metres¹ - only 7% of the tenements comprising the Tiros project area has been estimated in the maiden MRE - majority of resource open laterally and found 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 a leading mining jurisdiction (Minas Gerais, Brazil) with existing world class roads, rail, ports, power, water infrastructure and local qualified labour.

4



Near and medium-term catalysts to drive shareholder value

- ASX dual listing achieved - expected to generate greater market awareness and trading liquidity - coupled with ongoing assay, metallurgical results and confirmed JORC resource estimates.

5



Attractive 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 compared to peers.



¹ Included 20 historical drill holes in the Tiros Project.



Drilling Effective Outcomes

The MRE places Tiros as one of the largest undeveloped titanium (TiO_2) and rare earth (REE) resources in the world

Domain	Category	TONNES (t)	TiO_2 (%)	TREO (ppm)	MREO (ppm)
HG High Grade	Inferred	42,000,000	23	8,700	2,200
	Indicated	55,700,000	23	9,030	2,380
	Measured	20,800,000	24	9,320	2,530
	Sum	120,000,000	23	9,000	2,400
MG Medium 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
Totals		1,700,000,000	12	3,900	1,100

Attractive valuation relative to peers



Comparable



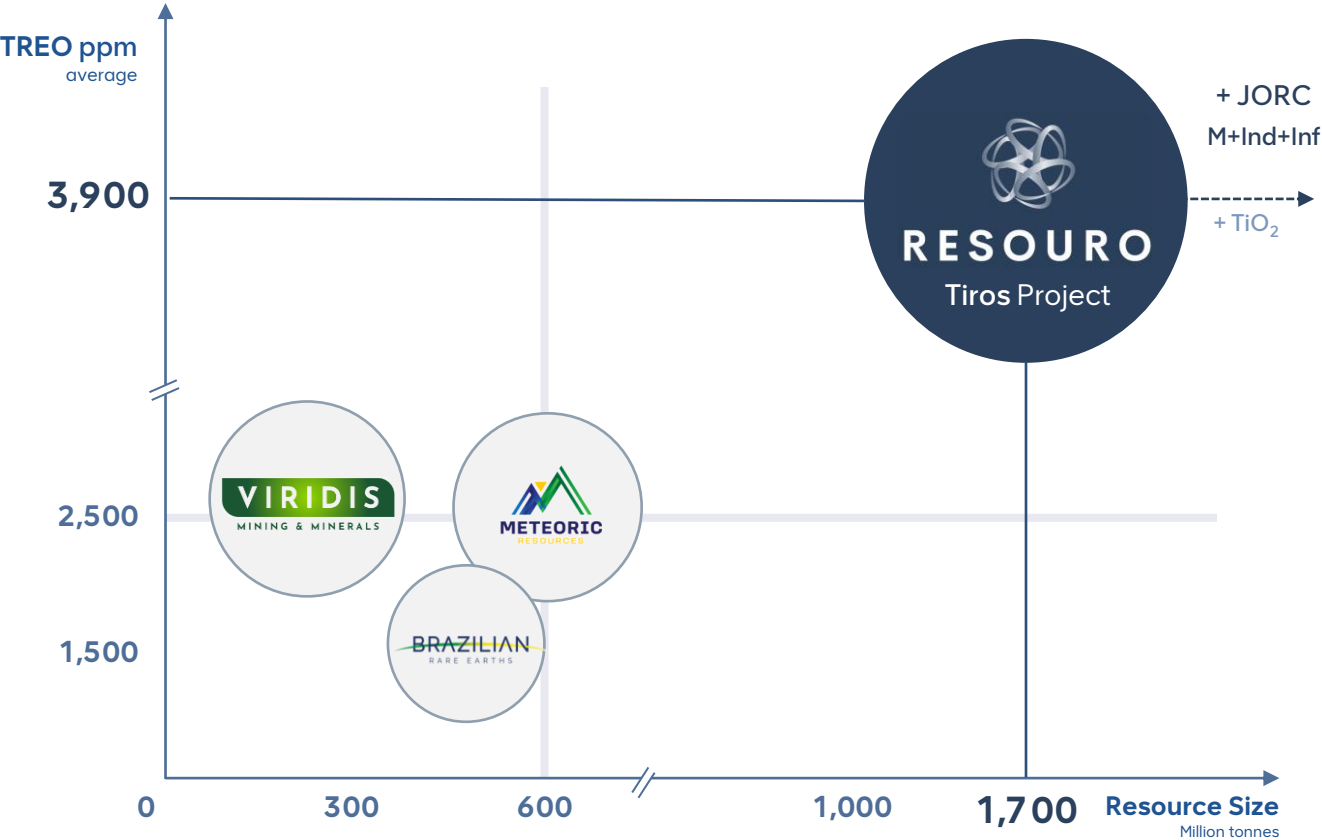
	Resouro RAU.ASX	Meteoric MEI.ASX	BRE BRE.ASX	Viridis VMM.ASX
Price	AUD 0.475	AUD 0.145	AUD 3.13	AUD 0.890
Top 20 Shareholders	75%	29%	73%	57%
Mkt Cap (AUD \$m) As of 15 July 2024, undiluted	44.6	288.6	771.7	57.2
Project Metrics	JORC - 1,700Mt (2024)	JORC - 619Mt (2024)	JORC - 510Mt (2023)	JORC - 201Mt (2024)
Average Overall Grade	3,900ppm TREO + 12% Titanium	2,538ppm TREO	1,513ppm TREO	2,590ppm TREO
MREO Grade	1,100ppm (samples and drilling) ~28% to TREO	600ppm / 24% to TREO	~425ppm / 28% to TREO	~668ppm / 26% to TREO

Resouro posing superior features when comparing to peers



Resources Potential

Size of bubble refers to TREO grade

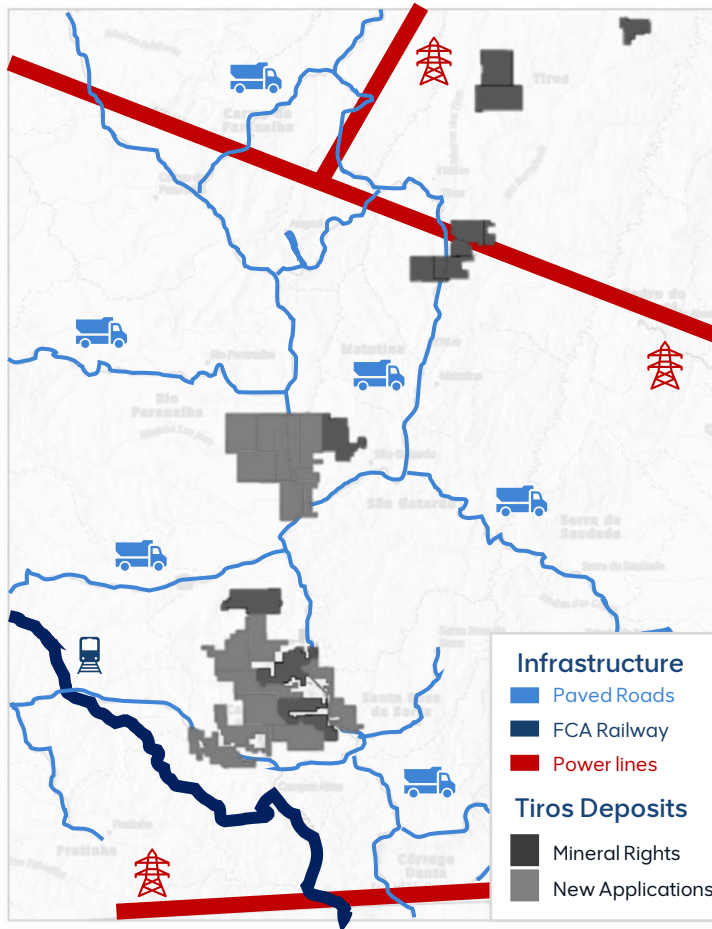


	Extension km ²	TREO ppm	Resources Mt
	450	3,900	1,700
	239	2,590	201
	1,410	1,513	510
	193	2,538	619

Source: Publications and official releases from MEI, BRE and VMM. Shares Prices and Market Caps updated as of 15 July 2024 from ASX.
Peer-group comparison summary showing nearest comparable projects to Tiros by resource tonnes, TREO and MREO grade, and associated reference. Note: comparable figures are based on an as-read basis; a resource model for deposits mentioned contains a project's unique geological and economic assumptions including cut-off grades and project potential not represented in the comparable figures.



Key Competitive Advantages

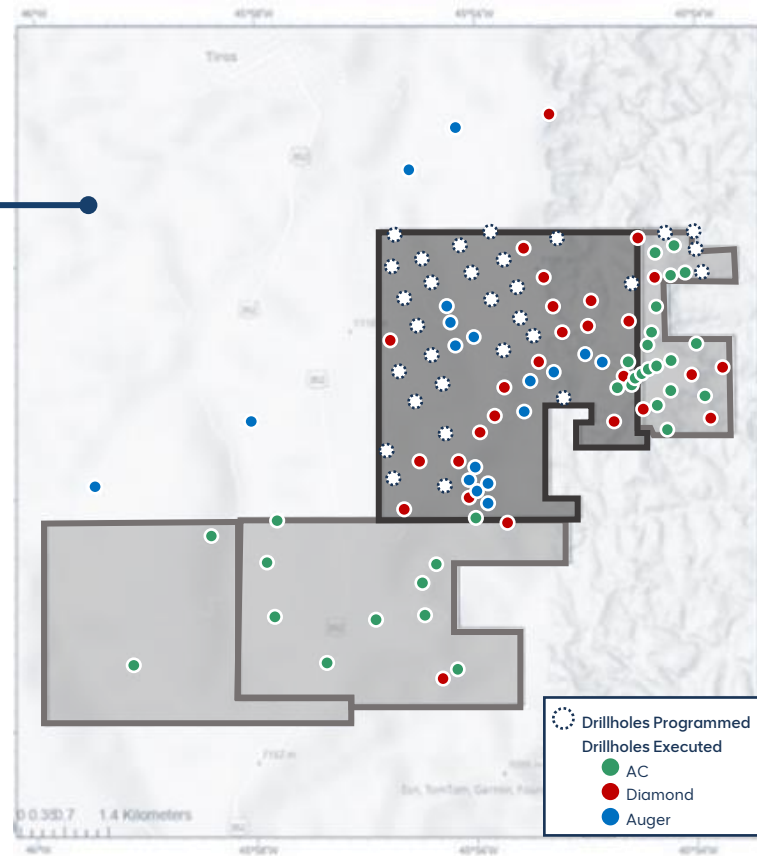
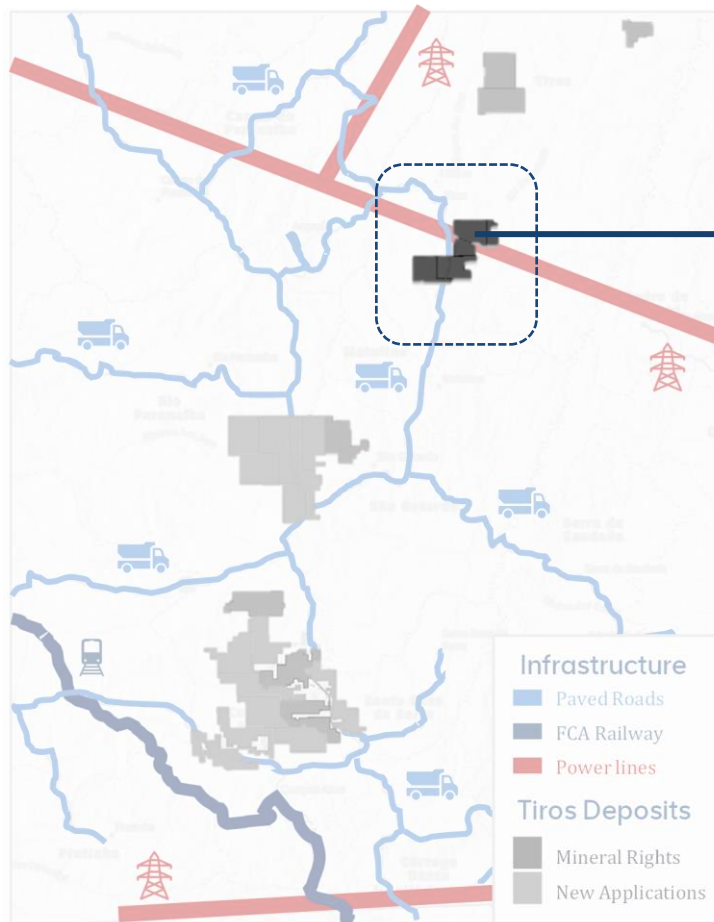


- The Capacete Formation extends over 71km in length with **boundaries of width, length and depth not yet determined.**
- Resouro has rights over all of the available geologically prospective parts of the Capacete Formation with recent additional areas **issued by the ANM. These exploration permits cover over 45,000 hectares in this area.**
- Resouro has data from **over 11 years of exploration** which includes, 20 Drill-holes, over 3,000 surface samples, geological mapping and geophysics.
- Resouro has completed 82 new drill holes, density measurements, initial metallurgical test work and topographic surveys to delineate a **JORC compliant resource.**

Present and planned drill program



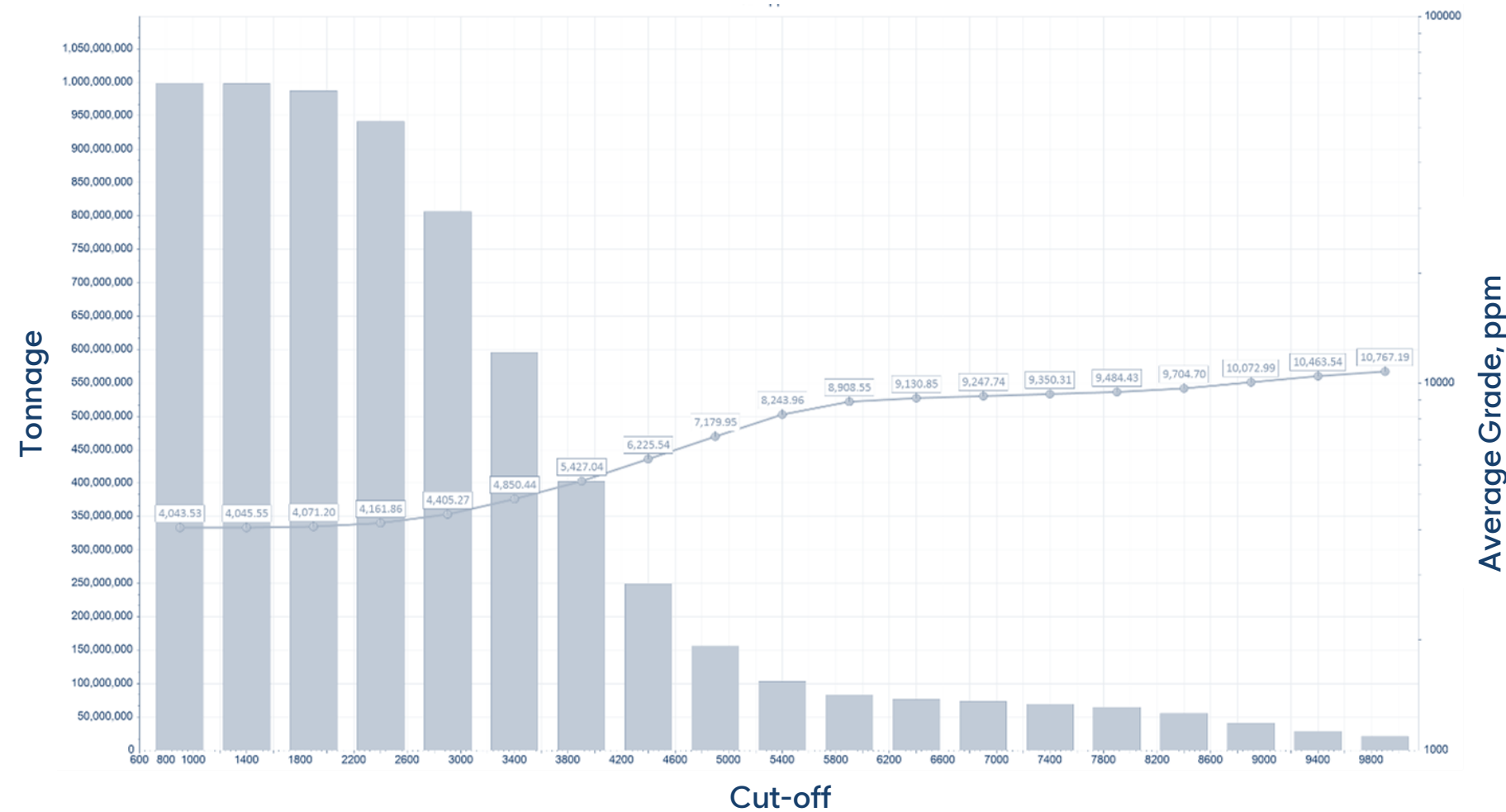
Drilling Program



- The Total Tiros Project tenements cover over 45,000 hectares
- Present focus is on Tiros Central which represents over 5,981ha of the total area located in the centre of the Tiros Project
- Current plans are to define the Tiros central blocks before exploring the Tiros Northern, Sao Gotardo and Campos Altos as separate potential new projects

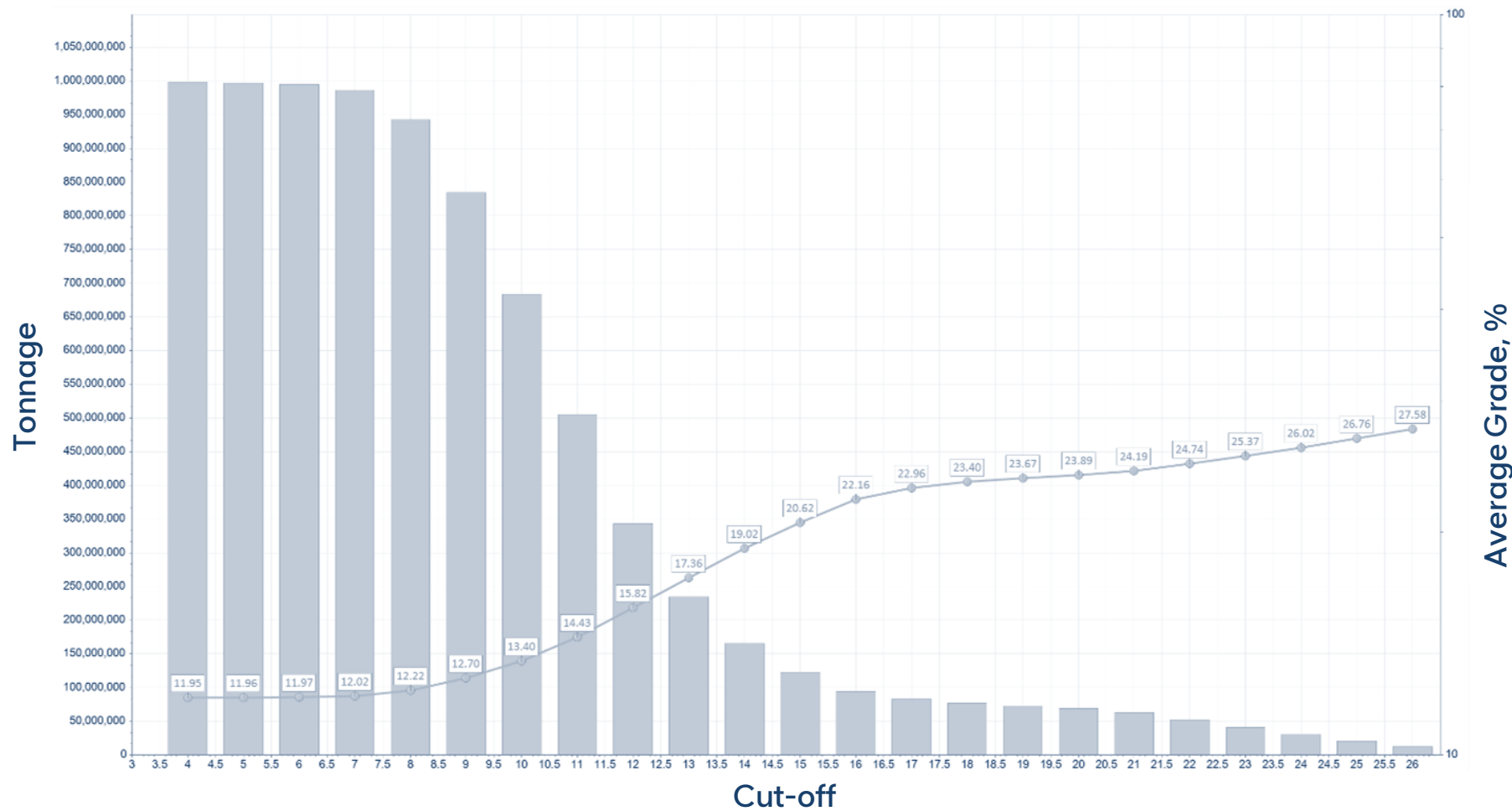


Grade Tonnage Curve – TREO ppm





Grade Tonnage Curve – TiO₂ %



Significant and consistent high-grade results



Resource Definition

CENTRAL BLOCK

Depth
metres

10

1,100

5,100

15%

20

1,000

5,000

15%

30

1,000

4,600

14%

40

1,000

4,400

13%

50

1,000

4,500

13%

60

1,100

4,500

12%

70

900

3,600

10%

80

750

3,300

10%

90

700

3,000

11%

- Consistent higher grades to depth, in average:
 - ✓ TREO ~4,200ppm
 - ✓ NdPr ~ 950ppm
 - ✓ TiO₂ ~12.5%
- Approximately 20~25% NdPr ratio to TREO
- Above 50 metres, ~14% TiO₂ associated to high TREO
- Regional drilling maintains promising results TREO ~4,000ppm, similar NdPr ratios and high TiO₂ grades



Resource Definition

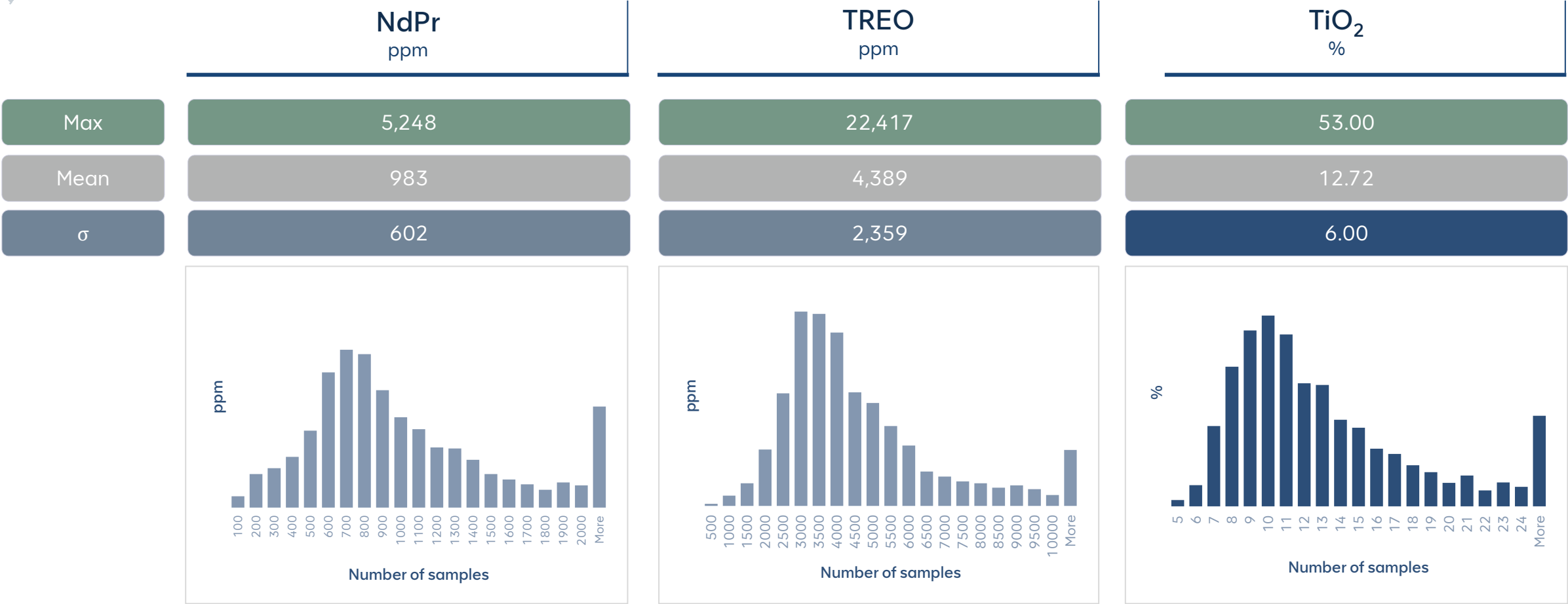
Number of samples
in mineralised intervals¹

3,218

Number of holes
intercepting mineralisation

102

CENTRAL BLOCK



¹ statistics of samples within mineralised zone, refers to one metre length sample

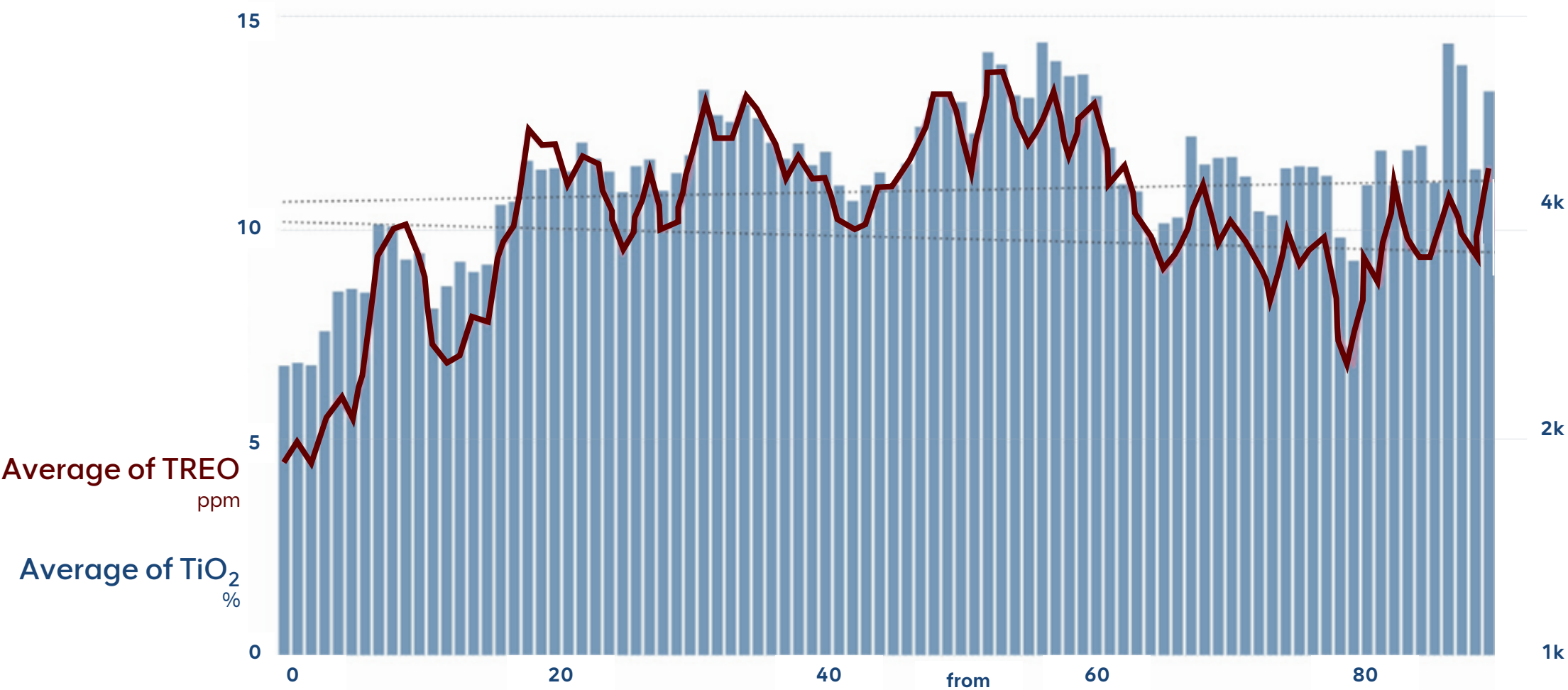


Resource Definition

Number of samples
in mineralised intervals¹ **3,218**

Number of holes
intercepting mineralisation **102**

CENTRAL BLOCK

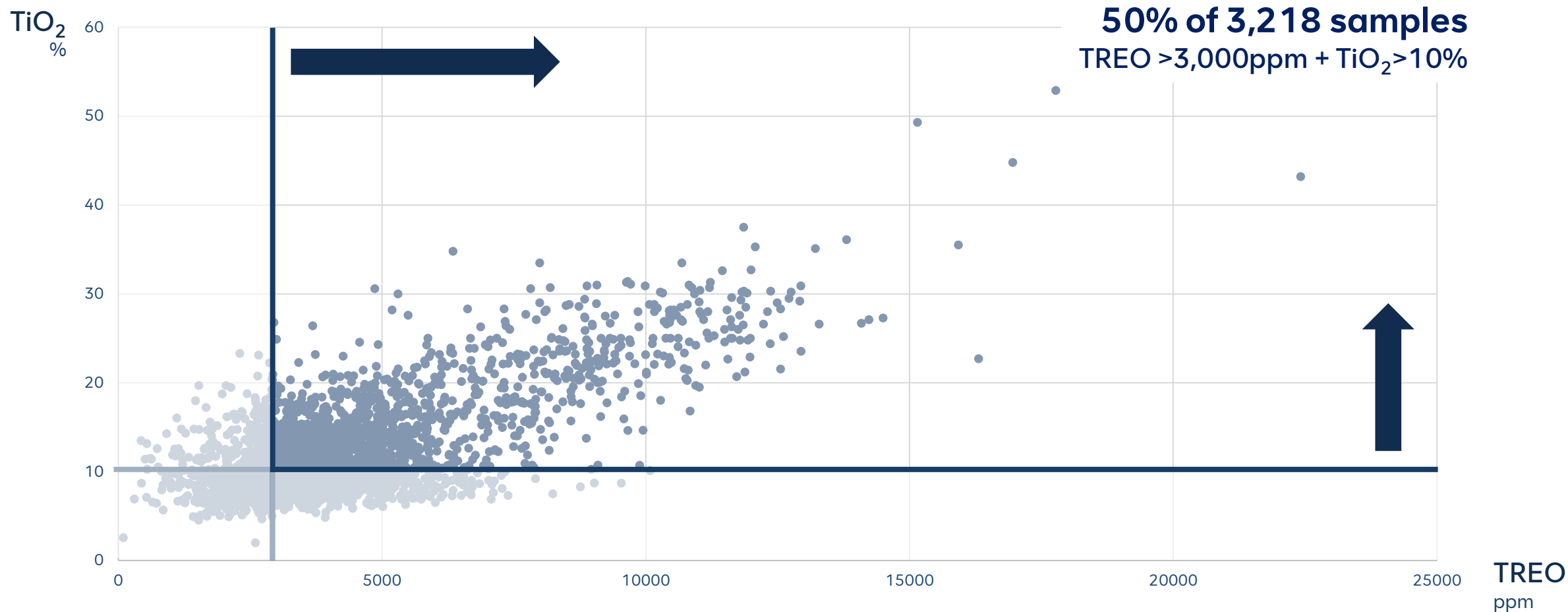


¹ statistics of samples within mineralised zone, refers to one metre length sample



Sample Analysis

CENTRAL BLOCK

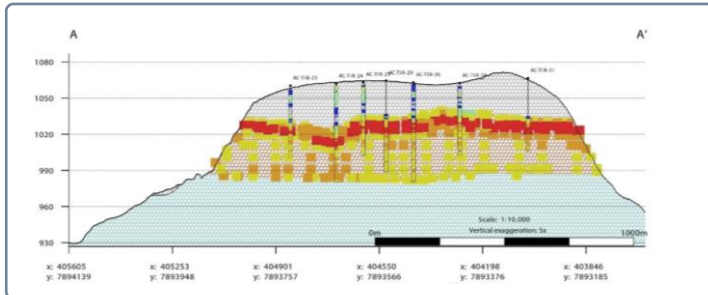


¹ statistics of samples within mineralised zone, refers to one metre length sample



Ultra high-grade domain deposit - 120Mt at 9,000ppm TREO, 2,400ppm MREO and 23% TiO₂

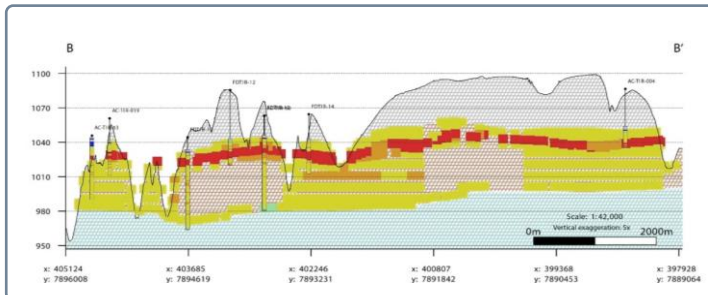
Section A



Section view (A-A) of the Tiros Ti + REE deposit

showing High Grade (HG) in red (section is rendered with a x5 vertical exaggeration)

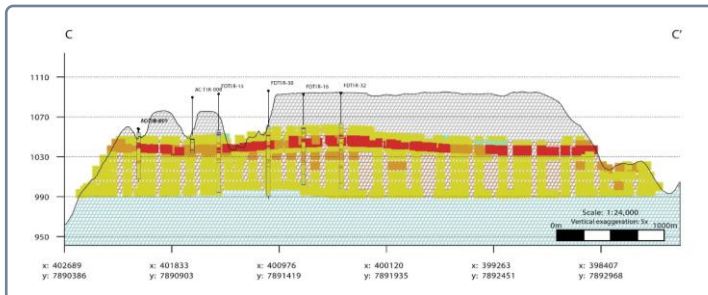
Section B



Section view (B-B) of the Tiros Ti + REE deposit

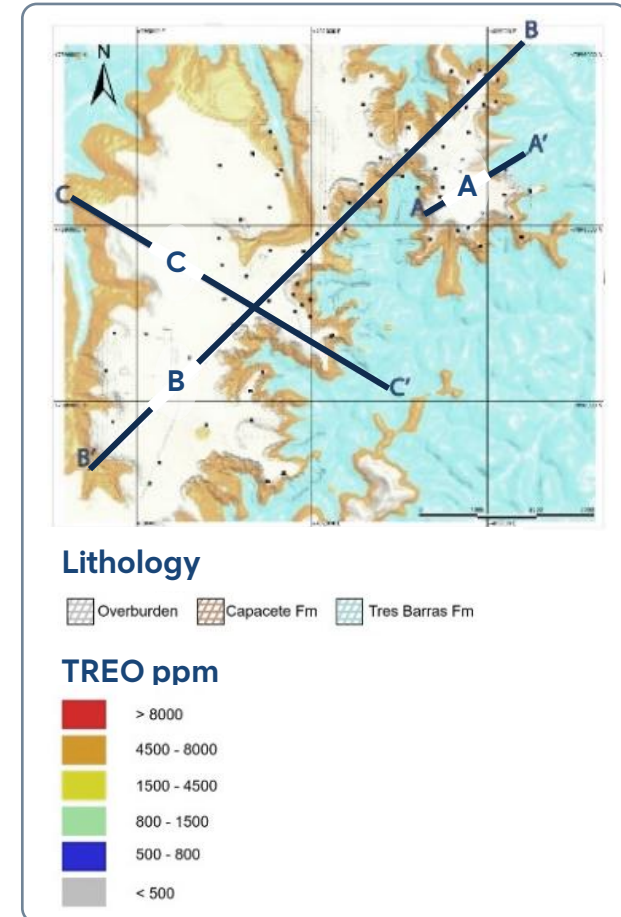
showing High Grade (HG) in red (section is rendered with a x5 vertical exaggeration).

Section C



Section view (C-C) of the Tiros Ti + REE deposit

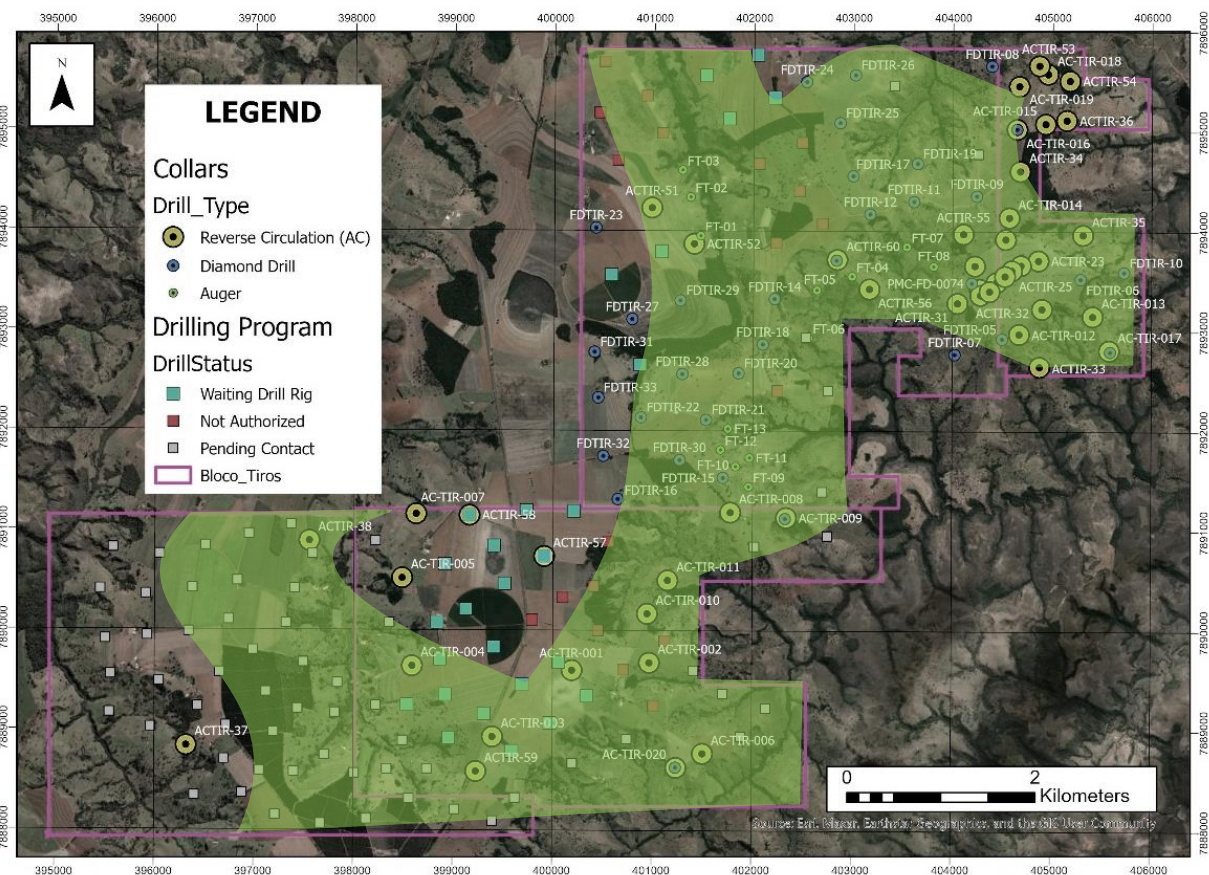
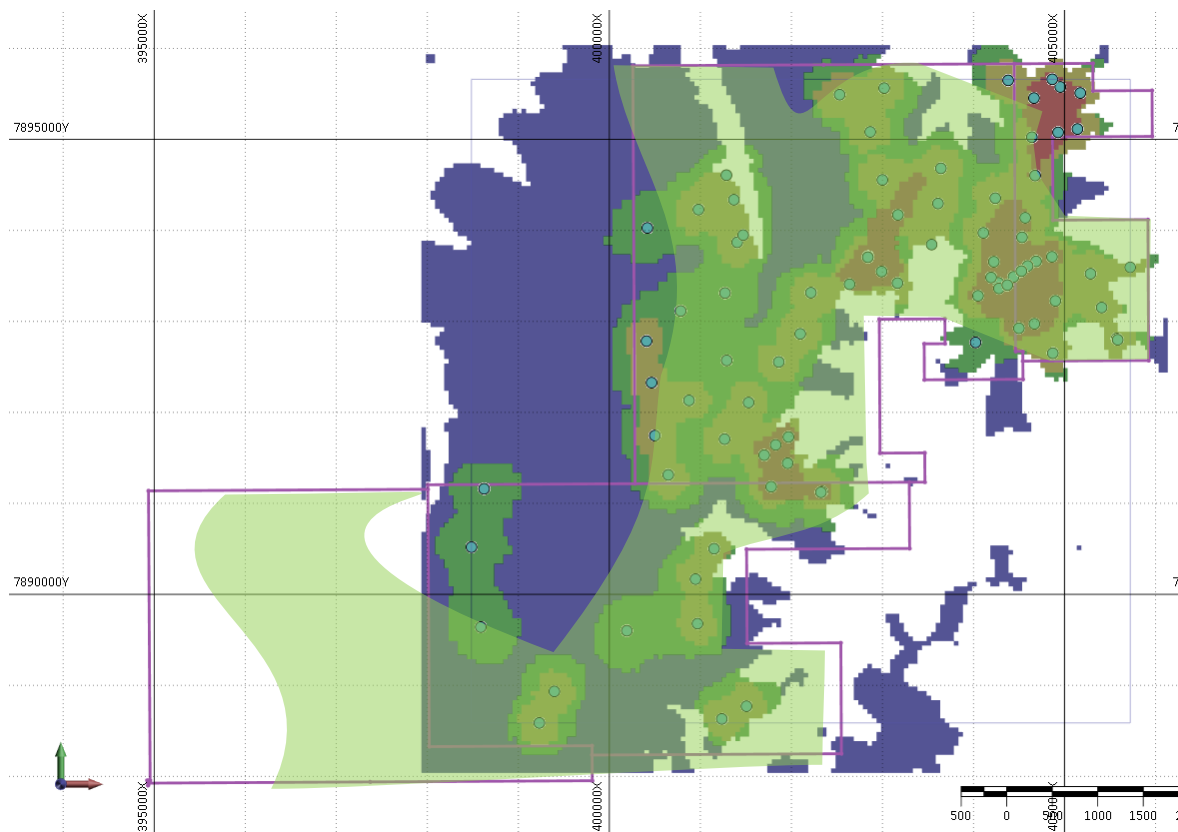
showing High Grade (HG) in red (section is rendered with a x5 vertical exaggeration).





Planning Details

Drilling will shift to green areas where a bulk mining program will likely commence



Plan view of the Tiros Ti + REE deposit with the classification of the mineral resources: Measured (red), Indicated (yellow), and Inferred (green); blue material is the area of potential forming an exploration target.



Project Indicative Timelines

	DRILLING CAMPAIGN	SAMPLE ANALYSIS	RESOURCE CONFIRMATION	METALLURGICAL TESTING
Phases				
	Complete	Complete	Complete	In progress
	Auger and RC drilling to provide sample for Assay and Metallurgical test work	Samples to specialist mineral processing partners to evaluate a combined REE & TiO ₂ flowsheet	Infill Drilling to delineate a JORC compliant resource	Metallurgical test work programs with preferred laboratory partners to optimise REE leaching and TiO ₂ conditions
			LASTEST MILESTONE 	NEXT MILESTONE

Resouro started the 12,000m aircore and diamond drilling survey campaign in September 2023 with the first 4,766m drilling reported in the recently released JORC report



Leading Edge Laboratories undertaking test work



Conventional Ionic Clay REE and TiO₂ Recovery CIT SENAI – Brazil's Leading Industry Technology Group

CIT Senai are custodians to a world class mineral laboratory pilot plant facility in Belo Horizonte Brazil. The group is well supported by the Brazilian mining industry and Government. Resouro has engaged CIT to undertake a detailed standard Rare Earth and Titanium recovery testwork with the ultimate aim of achieving the most optimised standard REE and Titanium Flow sheet

~250kg of representative samples from the Tiros Central project, representing ~61 holes that have been selected by our chief metallurgist.

Post listing, this material will commence 4 phases of testwork over 12 months including Characterisation, REE Recovery, TiO₂ Recovery, optimisation



Non - Conventional Ionic Clay REE and TiO₂ Recovery Altilium - Australian Critical Minerals Metallurgy Technology Group

Altilium are custodians to many international mineral processing patents, determined as highly suitable for the Tiros feedstock. Altilium and RSM have agreed with the assistance of Core Laboratories in Brisbane Australia that testwork using the Altilium sustainable and patented technology to develop and unconventional high recovery flowsheet related to their prior successful projects, which is predicted to enable recovery of other critical minerals in Tiro's project including niobium and phosphate.

2 x 50kg representative samples representing the entire orebody from the Tiros central project of approximately 61 holes that have been selected by our chief metallurgist.

Post listing, this material will commence 3 phases of testwork over 6 months including Characterisation, REE Recovery and TiO₂ Recovery



Proposed Future Works

	TECHNICAL STUDIES	FURTHER JORC COMPLIANT RESOURCE	SCOPING STUDY	GROWTH PATHWAY
Phases				
	In progress	In planning	In planning	In planning
	Complete Preliminary Mining and Environmental Baseline with focus on areas with optimal stripping ratios for bulk mining trials to deliver quickest to mining time frames	Expand project size through drilling, met work and topography over owned neighbouring - infill drilling (150m x 150m) to define further JORC compliant Resource	Complete the Scoping Study with preferred EPCM partner and Subject Matter Experts prior to undertaking any Prefeasibility Studies, including community and infrastructure assessments	Conduct downstream studies and product testing to align the metallurgical flow sheet with strategic partners potential

CREC – Corporate Responsibility and Ethical Commitment



Continue to foster and develop Resouro's existing relationships with communities and all stakeholders surrounding our projects for mutually beneficially co-existence



Seek to minimize the footprint of the unavoidable disturbance and rehabilitate these areas as quickly as practical with detailed well-defined plans in advance



Shall implement a policy of employing local people as well as sourcing equipment & services from the surrounding regions where possible



Continue to examine and adopt the best environmental practices such as dry-stack tailings disposal and minimising water and non-renewable energy sources

Following the United Nations Sustainable Development Guidelines

ASX Secondary Listing

Total C\$6.3m raised Pre-IPO to accelerate drilling and resource definition activities

AUD 8 million Gross raised at IPO
16 million Shares at AUD 50c

C\$ 4.8m Raising Completed
for pre-Resource Target works

C\$ 1.5m Raising Completed
for Resource Target works

ASX Secondary
Listing Completed June
2024

Preliminary Economic
Assessment Commenced

CAPITAL STRUCTURE

Equities

Shares on issue

92,332,192

Options ⁽¹⁾⁽²⁾

10,610,000

Warrants ⁽³⁾

600,616

Lead Manager Options ⁽⁴⁾

1,843,643

RBM Performance Rights

750,000

Fully Diluted

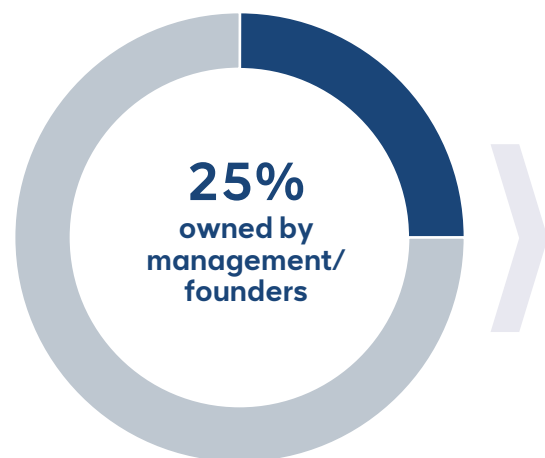
106,136,451

(1) Management Options 4,560,000 Strike Price CAD 17.5c expiry June 13, 2028 and 2,250,000 Strike Price CAD 50c expiry October 11, 2028

(2) 4,000,000 Options Issued to Resmin Pte Ltd (Chris Eager) with a strike price of CAD 20c and expiry date of March 11, 2029

(3) 600,616 Strike Price CAD 20c, expire July 2026, issued to Taylor Collison

(4) 1,843,643 Lead Manager Options issued to Taylor Collison with strike price of CAD 68c, Expiry June 5, 2027



75%
owned by
the top 20
shareholders

Chris Eager
Director,
President & CEO

Mr Christopher Eager is a mining engineer and has 35 years of experience in the mining industry. After graduating as a Mining Engineer, he worked in and managed various gold mining operations in Australia and South America. Following on from completing an MBA at ISG in Paris, Mr Eager worked in Mining Project Finance for NM Rothschild (Australia). Mr Eager was a co-founder of Monterrico Metals PLC which unlocked value in the Peruvian Rio Blanco copper project that was acquired in 2007 at a valuation of ~USD\$200 million. Mr Eager also co-founded Asia Energy PLC and CoalMont Ltd.

Anne Landry
Director

Ms Anne Landry is an international finance professional with experience in financial structuring, investments and strategy. Ms Landry has been responsible for the oversight and bankable structuring of projects in various sectors, including mining, and with financial institutions and multilateral organisations worldwide. Ms Landry holds a Bachelor of Commerce from McGill University, a Master of Business Administration from Institut Supérieur de Gestion in Paris and is a CFA charter holder.

Justin Clyne
Director

Mr Justin Clyne is an Australian based company director and company secretary for public-listed and unlisted companies. Mr Clyne has significant experience and knowledge in international law and corporate regulatory requirements. Mr Clyne was admitted as a solicitor of the Supreme Court of New South Wales and High Court of Australia in 1996 before gaining admission as a barrister in 1998. Over the past 16 years, Mr Clyne has dedicated full time to the provision of corporate advisory and related services for listed entities from incorporation through to takeovers and other large corporate transactions. Mr Clyne holds a Master of Laws in International Law from the University of New South Wales. Mr Clyne is also a qualified Chartered Company Secretary and a Member of the Australian Institute of Company Director.

Philippe Martins
Director

Mr Philippe Martins is a lawyer designated by the Brazilian Bar Association (OAB), specializing in Corporate and Mining Law, with more than 20 years of experience in the Brazilian mineral market and over 10 years of experience in legal consultancy, advisory and litigation for national and international companies established in Brazil. Mr. Martins holds *latu sensu* post-graduation in Corporate Law and Mining Law, respectively at FUMEC/CAD and CEDIN, Belo Horizonte, Brazil. Mr Martins served Luna Gold Corp. (currently Equinox Gold) for over seven years in the roles of General Legal Manager and Legal Director. An independent lawyer since 2015, Mr Martins has supported junior and mid-tier mining companies registered and operating in Brazil and effected the acquisition of mining projects and mineral rights via incorporations, mergers, and joint ventures.

Fundamentals



- **Exceptional properties:** corrosion resistance, light weight and strength-to-density ratio.
- **High demand from an extensive range of industries:** aerospace, defence, automotive, energy, healthcare and chemical.
- **No suitable substitutes** for Titanium Dioxide in the highly demanded paint industry.
- **No demand for recycling of Titanium oxides:** complicated and hard to recycle.
- **Potential for new generation of batteries and power storage systems:** new compositions with Ti and Na

Fundamentals



- Rare Earths market is mainly driven by the **magnets segment, which accounts for ~30% of volume, but captures most of market value (~80%).**
- Magnet market **growth is driven by NdFeB magnets application**, which accounts for two-thirds of all permanent magnets.
- **Strengthening of energy transition, specially by EV and Wind Turbines usage**, will drive growth in NdFeB magnet demand which contains mainly Nd/Pr and Dy/Tb
- Consequently, demand rate shall increase in the next decade, and **new projects must be underway by 2030 and beyond to close the gap.**

What makes Resouro UNIQUE

TIROS

An emerging project
in the REE and
Titanium industry

Asset Value

Long-life, high-grade, large-tonnage, low-cost potential project located in a mining jurisdiction that blends world-class infrastructure for utilities and transport.



Premium Infrastructure

Adjacent to Tiros - access to renewable power, water and local labour - existing top-tier rail and roads connecting to port, to enable exports and receipt of goods.



Broad experience

Resouro's founder, CEO and major shareholder, Chris Eager, has a strong track record in building shareholder value in resources companies.



Positive relations

Favourable government support, very positive community and stakeholder relations, with active participation and engagement in local social initiatives





RESOURO
STRATEGIC METALS

Chris Eager, CEO

chris.eager@resouro.com

+44 73 88 05 79 80