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## Brief Corporate Overview

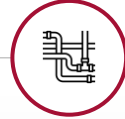
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# INVESTMENT HIGHLIGHTS



## Largest Portfolio of Critical Minerals

- ✓ Controls 575,000+ acres of mineral rights in Brazil:
  - ✓ Rare Earths
  - ✓ Titanium
  - ✓ Graphite
  - ✓ Uranium
  - ✓ Copper
  - ✓ Nickel
  - ✓ Iron Ore



## High-Quality Project Pipeline

- ✓ High-potential rare earths project located in the state of Minas Gerais
- ✓ Samples with grades up to 15,000+ ppm TREO
- ✓ Multiple projects advancing simultaneously across various commodities



## Potential for Early Revenue Generation

- ✓ Iron ore operation expected to generate revenues in 2025
- ✓ Quartzite operation generating revenue with 35% margins (2024)
- ✓ Cash flow from the above mines defray exploration costs for critical minerals



## Team with Proven Track Record

- ✓ Team with extensive Brazilian mining expertise
- ✓ Demonstrated ability to advance projects from exploration to production



## Favorable Geopolitics

- ✓ China processes 90%+ of all rare earths
- ✓ China stopped sale of rare earths to the U.S. as retribution for tariffs
- ✓ The U.S. defence sector is highly dependent: e.g., a submarine hull uses 4 tons of rare earths

# RARE EARTHS PORTFOLIO



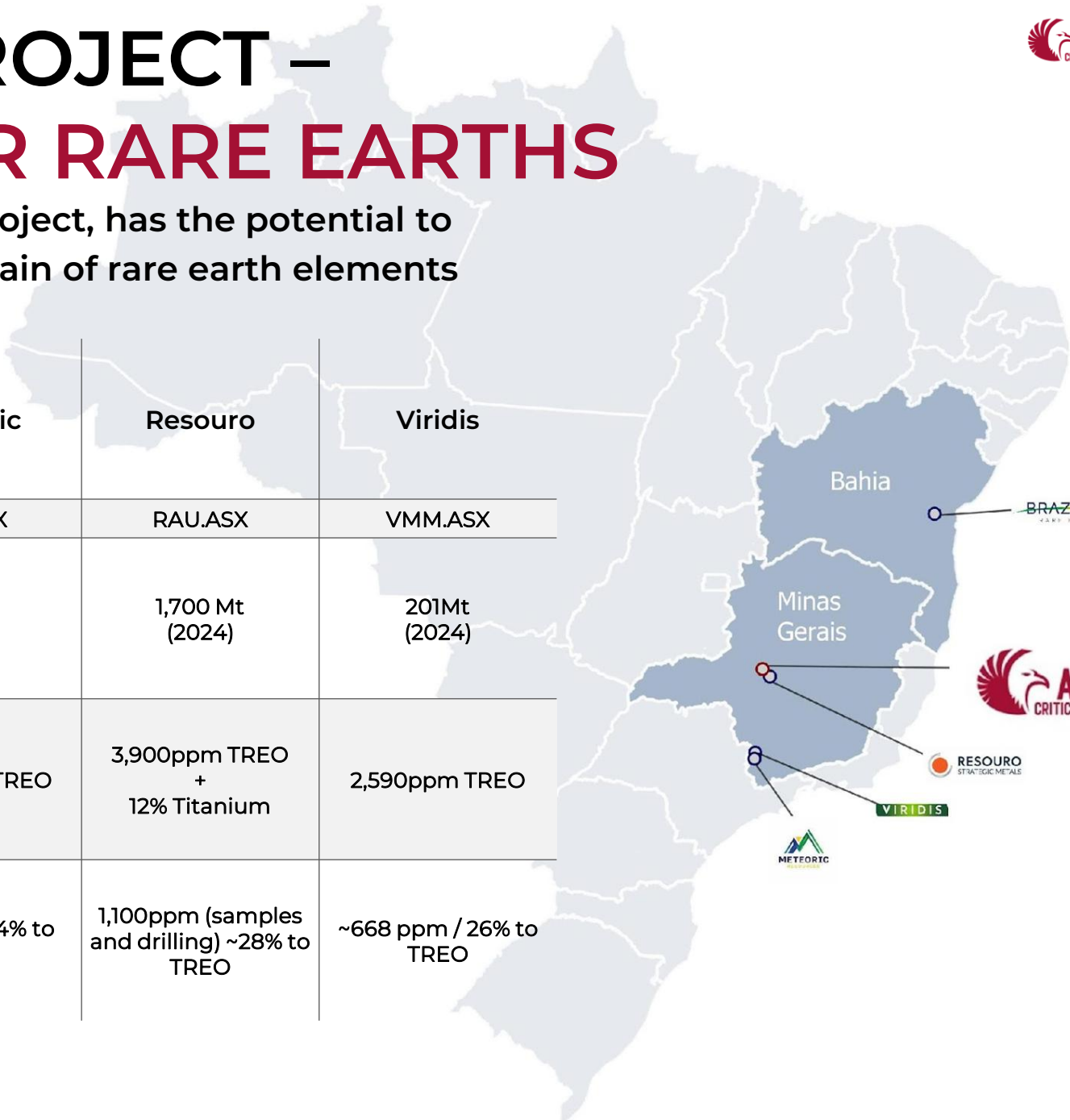
- ✓ 53,939 hectares (~133,286 acres) across 33 mineral rights in Minas Gerais and Goiás, Brazil
- ✓ Two primary project areas: Alto Paranaíba Project (active exploration) and Goiás Project (planned for 2025)
- ✓ Multiple mineral rights adjacent to publicly-listed companies with proven REE deposits
- ✓ Expected initial resource report under Regulation SK 1300 in 2025

# ALTO PARANAIBA PROJECT – PROVEN REGION FOR RARE EARTHS

Atlas Critical Minerals, with its Alto Paranaiba project, has the potential to become an important global player in supply chain of rare earth elements

	Atlas Critical Minerals	Brazilian Rare Earths	Meteoric	Resouro	Viridis
	OTCQB : JUPGF	BRE.ASX	MEI.ASX	RAU.ASX	VMM.ASX
Project Metrics	2,000+ Mt (Projected)	510Mt (2023)	619 Mt (2024)	1,700 Mt (2024)	201Mt (2024)
Average Overall Grade	4,818ppm TREO + 12% Titanium	1,513ppm TREO	2,538 ppm TREO	3,900ppm TREO + 12% Titanium	2,590ppm TREO
MREO Grade	1,352 ppm / 28% to TREO	~425 ppm / 28% to TREO	600ppm / 24% to TREO	1,100ppm (samples and drilling) ~28% to TREO	~668 ppm / 26% to TREO

Sources: Publicly-available reports from Resouro, Meteoric, Brazilian Rare Earths, and Viridis.

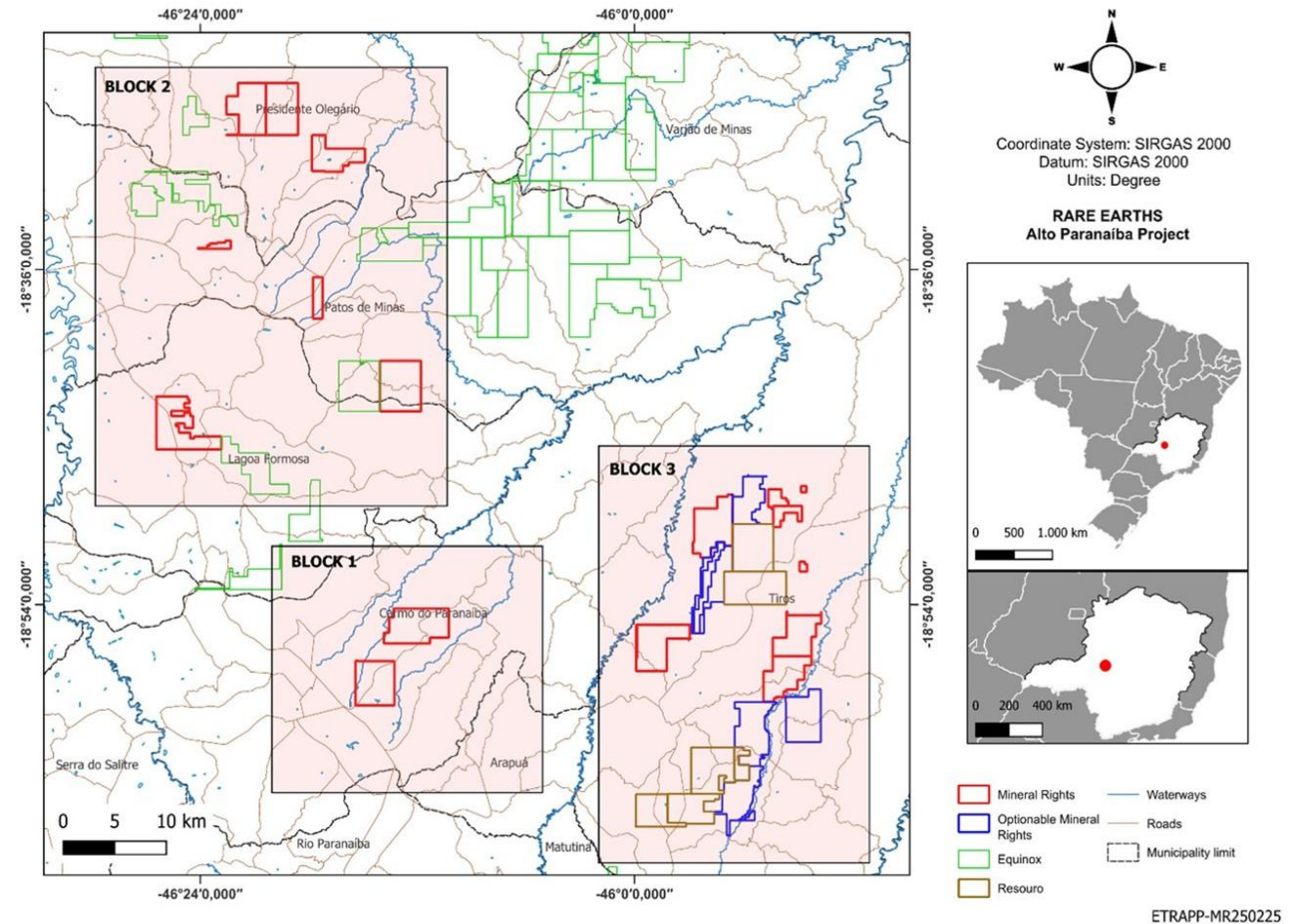




# ALTO PARANAÍBA PROJECT (APP)

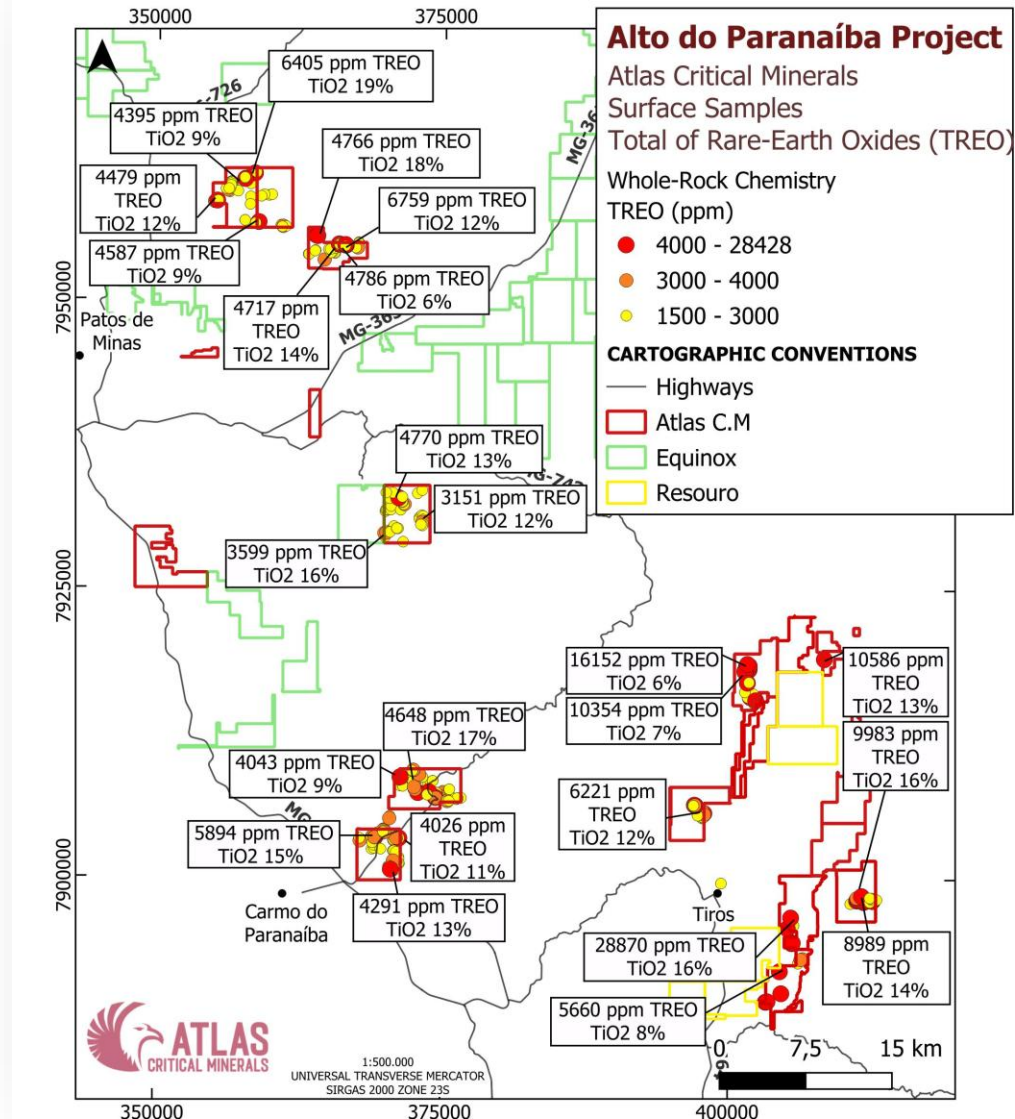
## HIGHLIGHTS

- ✓ 15 mineral rights located ~350km from Belo Horizonte, capital of Minas Gerais
- ✓ Favorable geology: Capacete Formation hosting rare earths in ionic clays; titanium is found alongside rare earths
- ✓ Three distinct exploration blocks being systematically evaluated:
- ✓ Block 1 (Carmo do Paranaíba)
- ✓ Block 2 (Patos de Minas)
- ✓ Block 3 (Tiros)
- ✓ Initial exploration yielded exceptional results: samples with up to 15,000 ppm TREO and 20%  $\text{TiO}_2$



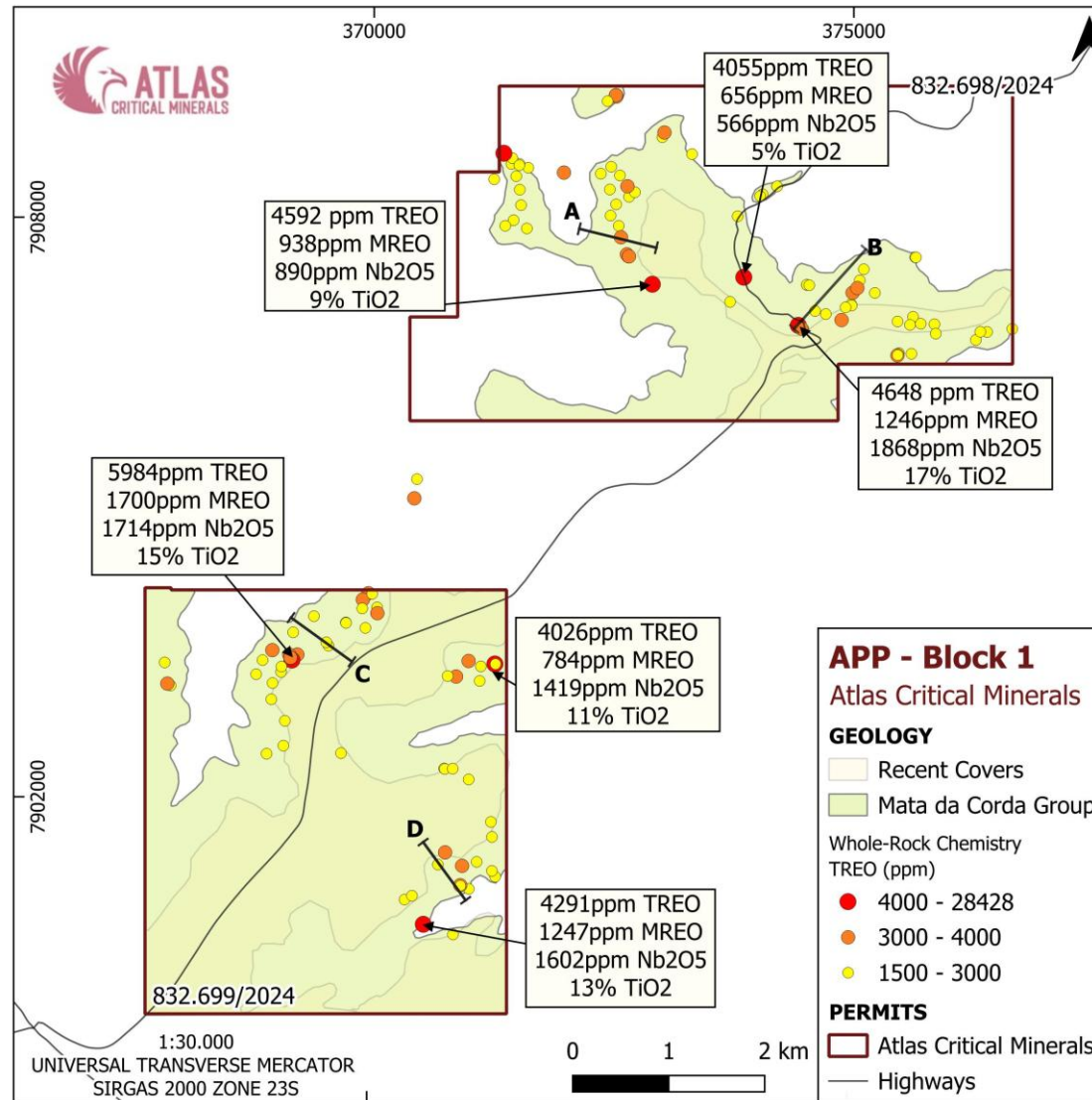
# ALTO PARANAÍBA PROJECT (APP)

✓ Top whole rock sample results



# ALTO PARANAÍBA PROJECT (APP) BLOCK 1

- Block 1 representative TREO and TiO<sub>2</sub> sample grades

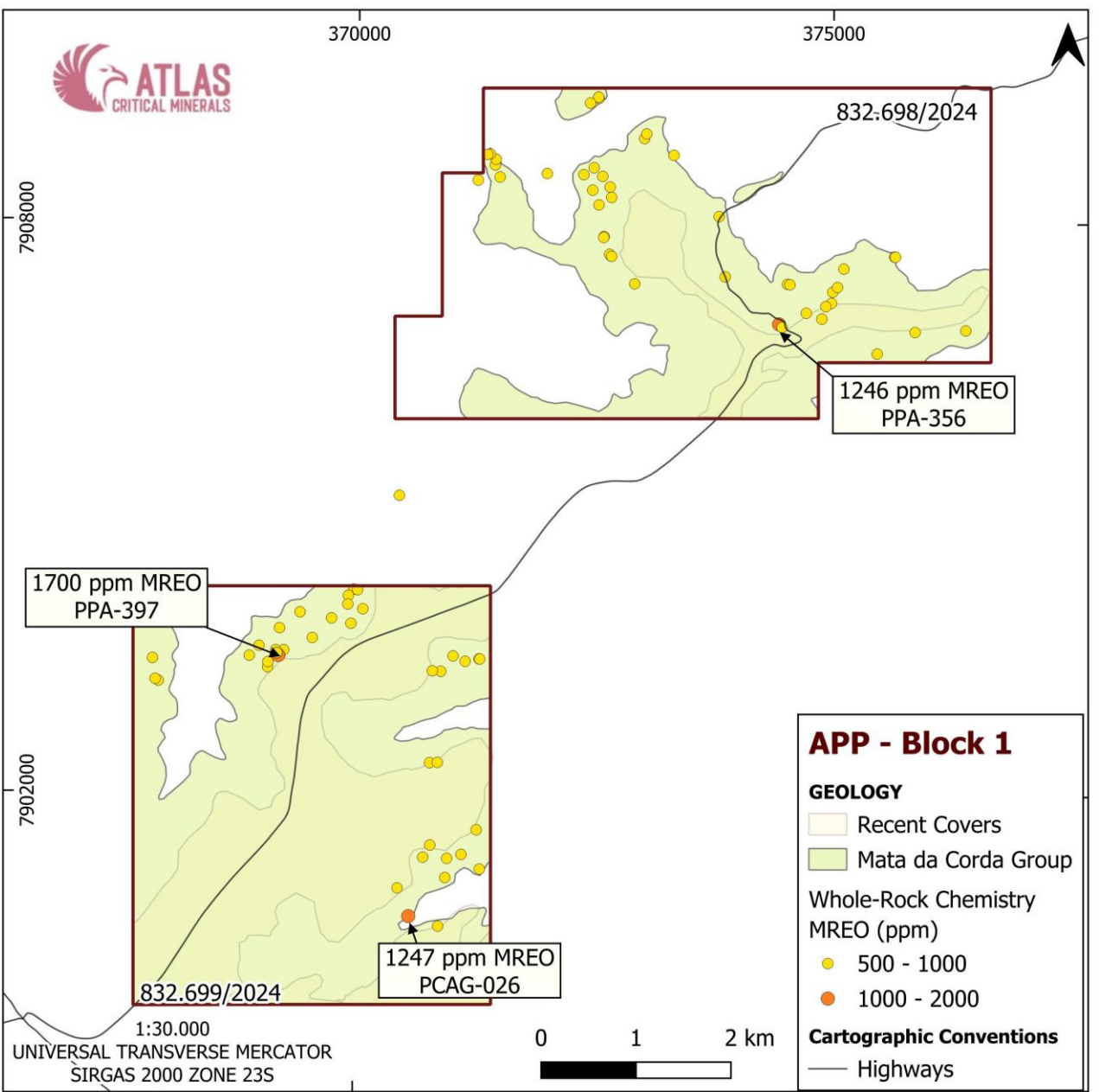


# BLOCK 1 – MREO Grades

**MREO:** Nd + Pr + Dy + Tb oxides

Average percentage of MREO to TREO grades in the surface samples: **23%**

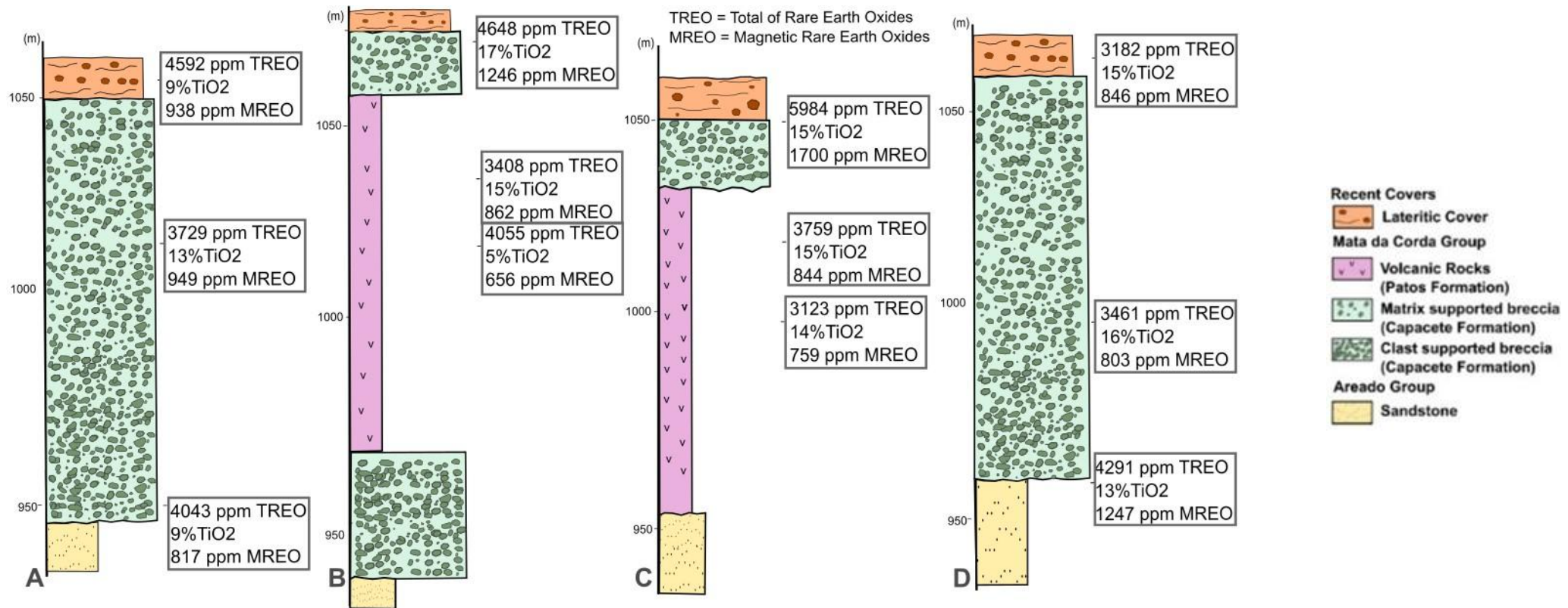
SampleID	MREO (ppm)	TREO (ppm)	% M/TREO
APPPA00152	1700	5984	28
SCAG-000011	1247	4291	29
APPPA00111	1246	4648	27
APPPA00150	999	3931	25
PCP00003	993	3859	26
SCP00024	949	3729	25
APPPA00014	938	4592	20
SCP00040	927	3895	24
SCP00039	920	3789	24
APPPA00135	884	3282	27
SCP00037	882	3389	26
APPPA00003	877	3355	26
PCP 00016	866	3659	24
APPPA00059	862	3408	25
SCP00038	856	3607	24
APPPA00025	850	3199	27
SCAG-000007	846	3182	27
APPPA00136	844	3759	22
APPPA00123	833	3298	25
APPPA00140	827	2875	29
SCP00034	817	4043	20
PCP00001	813	3212	25
PCP00017	808	3361	24





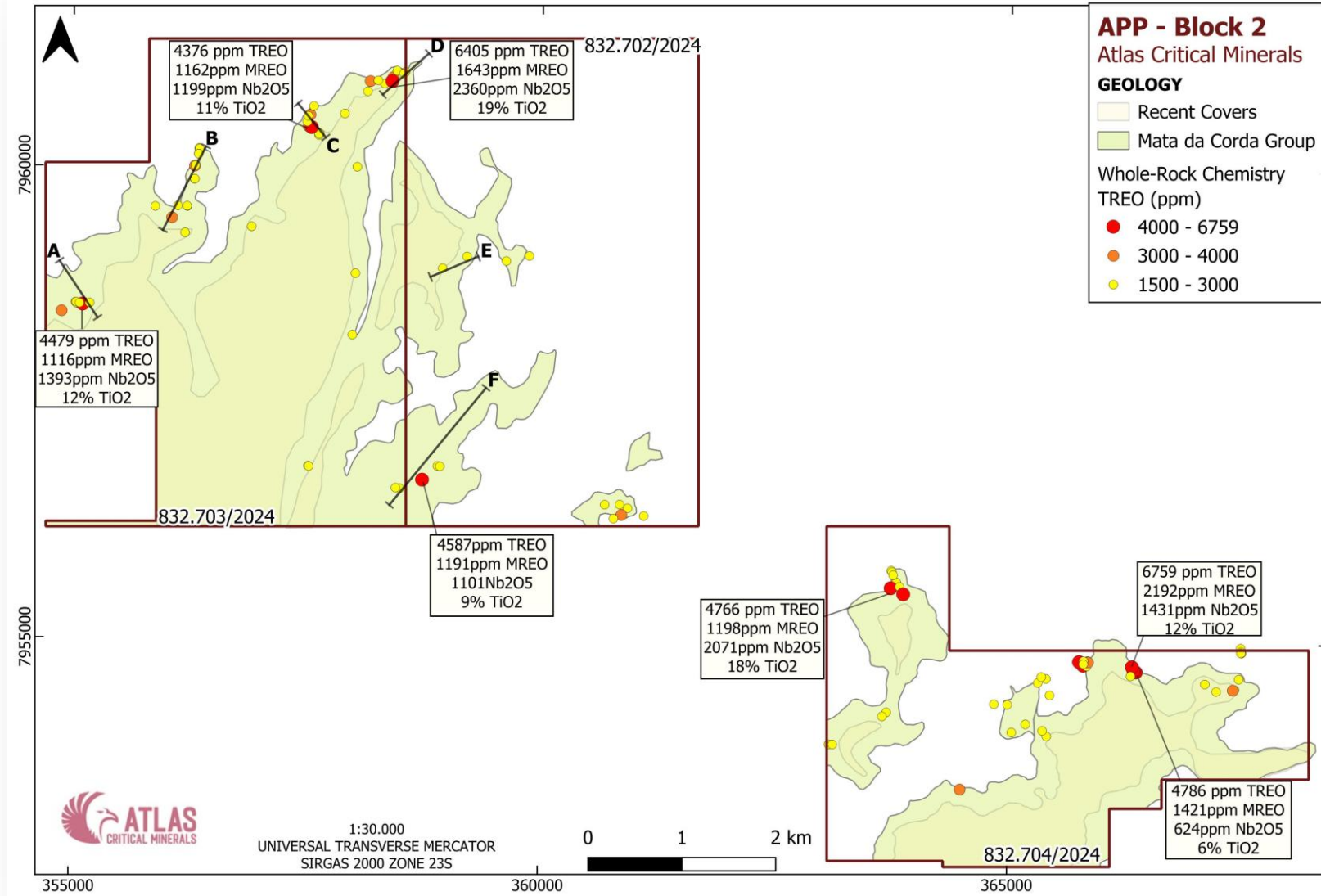
# BLOCK 1 - STRATIGRAPHIC PROFILES

## THICK LAYERS OF CONGLOMERATES FROM THE CAPACETE FORMATION AND THE PATOS FORMATION



# ALTO PARANAÍBA PROJECT (APP) BLOCK 2

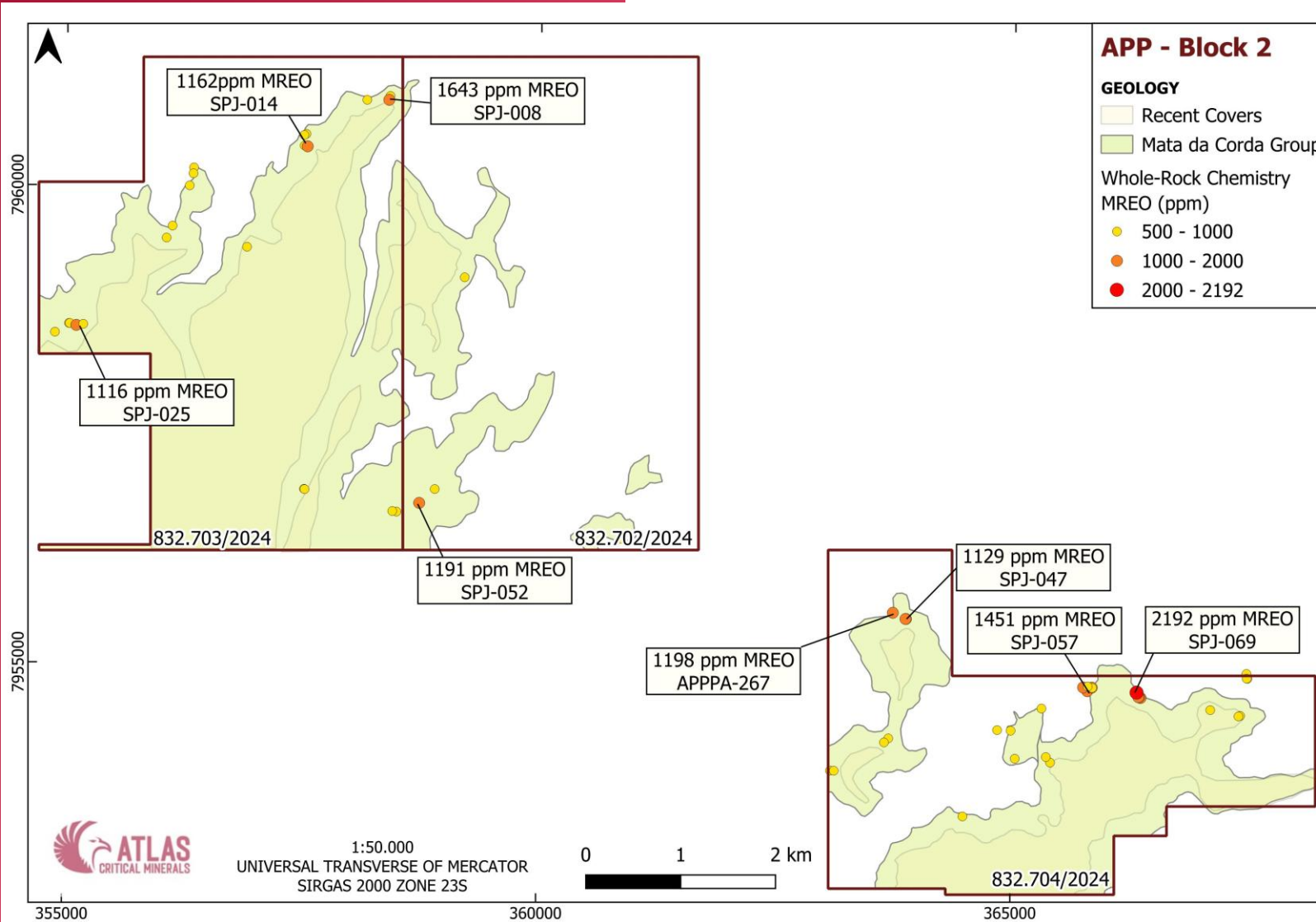
- Block 2 representative TREO and TiO<sub>2</sub> sample grades



# BLOCK 2 – MREO Grades

**MREO:** Nd + Pr + Dy + Tb oxides

Average percentage of MREO to TREO grades in the surface samples: **22%**



SampleID	MREO (ppm)	TREO (ppm)	% M/TREO
SPJ-000069	2192	6759	32
SPJ-000008	1643	6405	26
SPJ-000057	1451	4538	32
SPJ-000068	1421	4786	30
SPJ-000064	1248	4742	26
SPJ-000066	1236	4376	28
SPJ-000059	1226	4717	26
APPPA00267	1198	4766	25
SPJ-000052	1191	4587	26
SPJ-000014	1162	4395	26
SPJ-000047	1129	4352	26
SPJ-000025	1116	4479	25
APPPA00264	1053	3966	27
SPJ-000060	1018	3591	28
SPJ-000061	978	3535	28
APPPA00348	957	3836	25
APPPA00325	952	3483	27
APPPA00281	871	3562	24
SPJ-000041	836	3249	26
APPPA00364	799	3364	24
APPPA00334	787	3227	24
SPJ-000035	779	2923	27
APPPA00260	774	2981	26
APPPA00293	740	3191	23
APPPA00282	737	2932	25

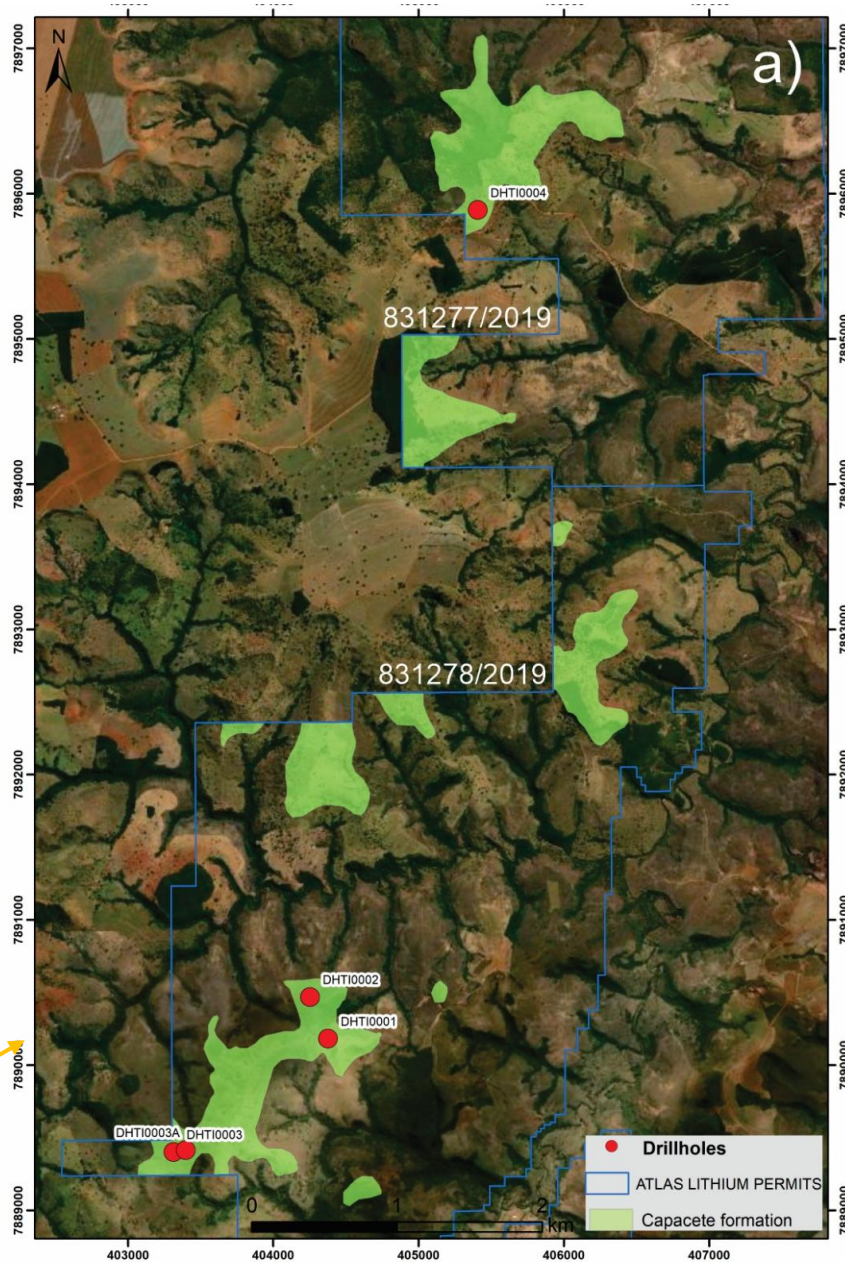
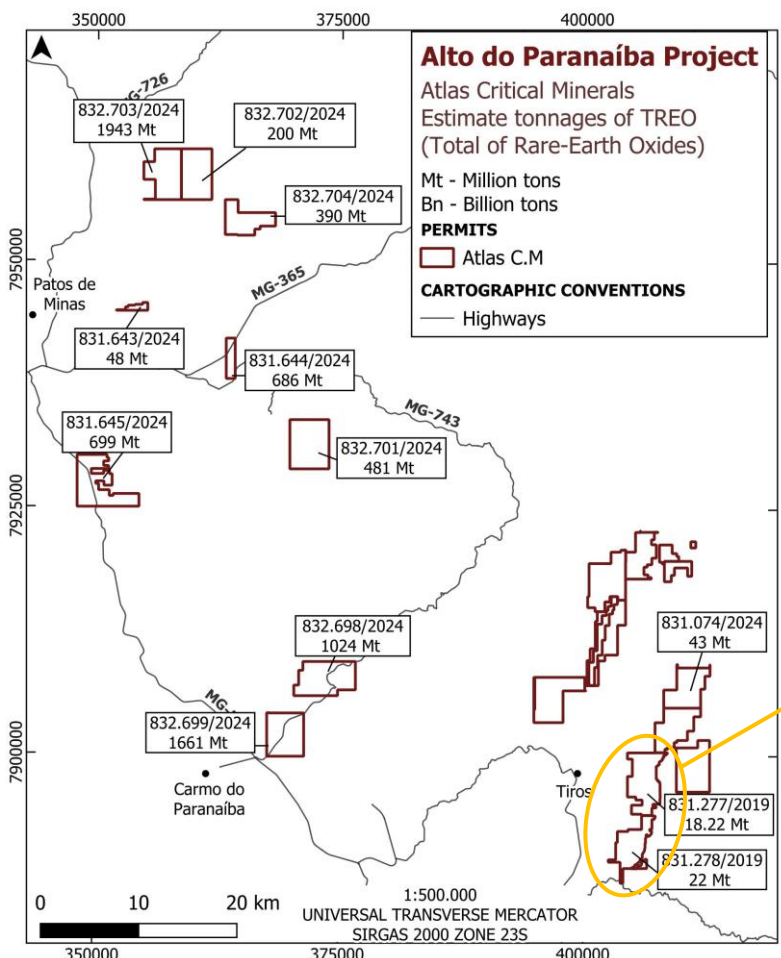


# Results - Tiros

**5 Auger Drillholes** display significant intercepts:

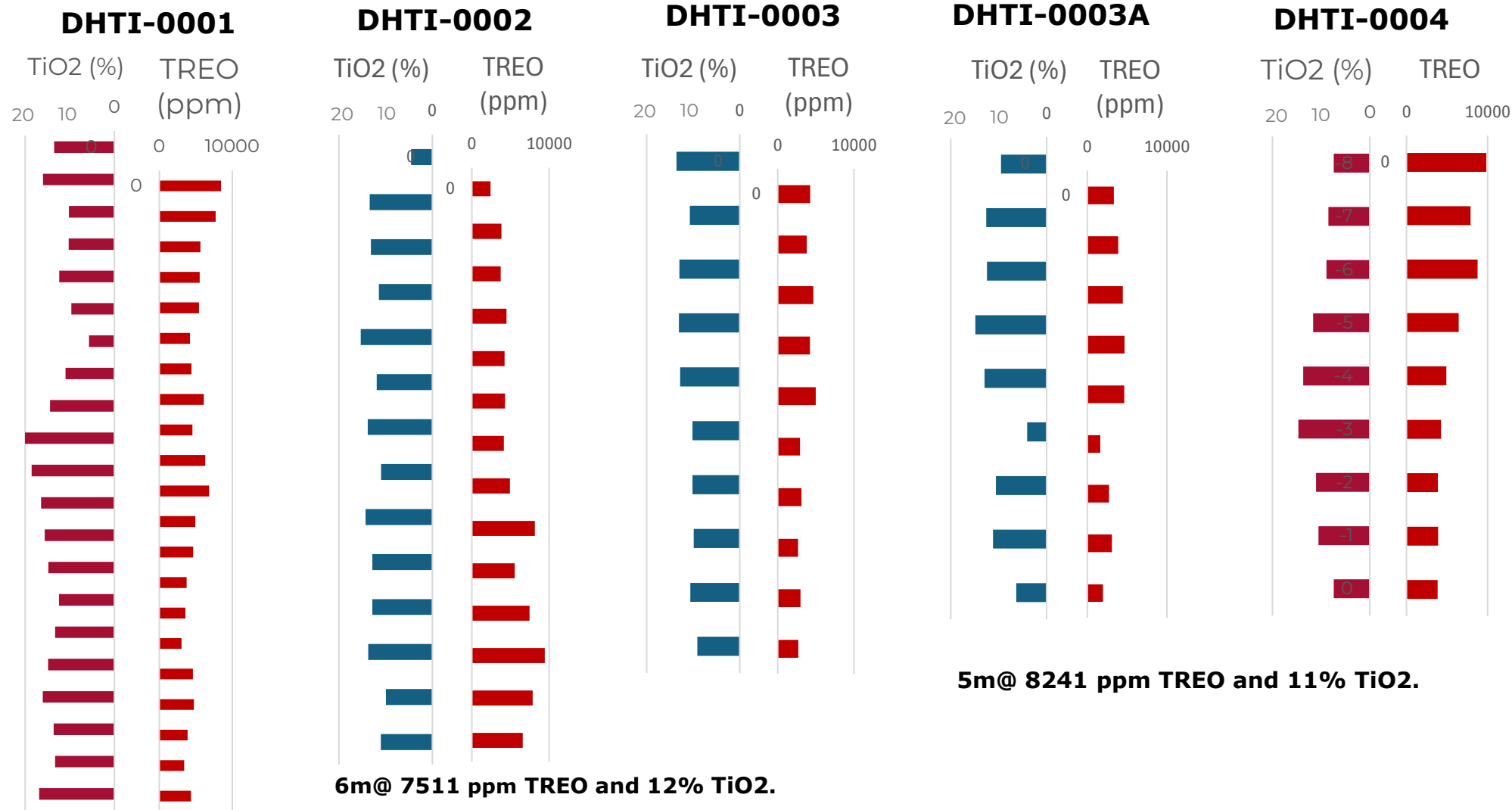
- 21m@ 4644 ppm TREO and 14% TiO<sub>2</sub>.
- 6m@ 7511 ppm TREO and 12% TiO<sub>2</sub>.
- 5m@ 8241 ppm TREO and 11% TiO<sub>2</sub>.

Tonnage Potential: **40 Mt**





# Results - Tiros



5m@ 8241 ppm TREO and 11% TiO2.

6m@ 7511 ppm TREO and 12% TiO2.

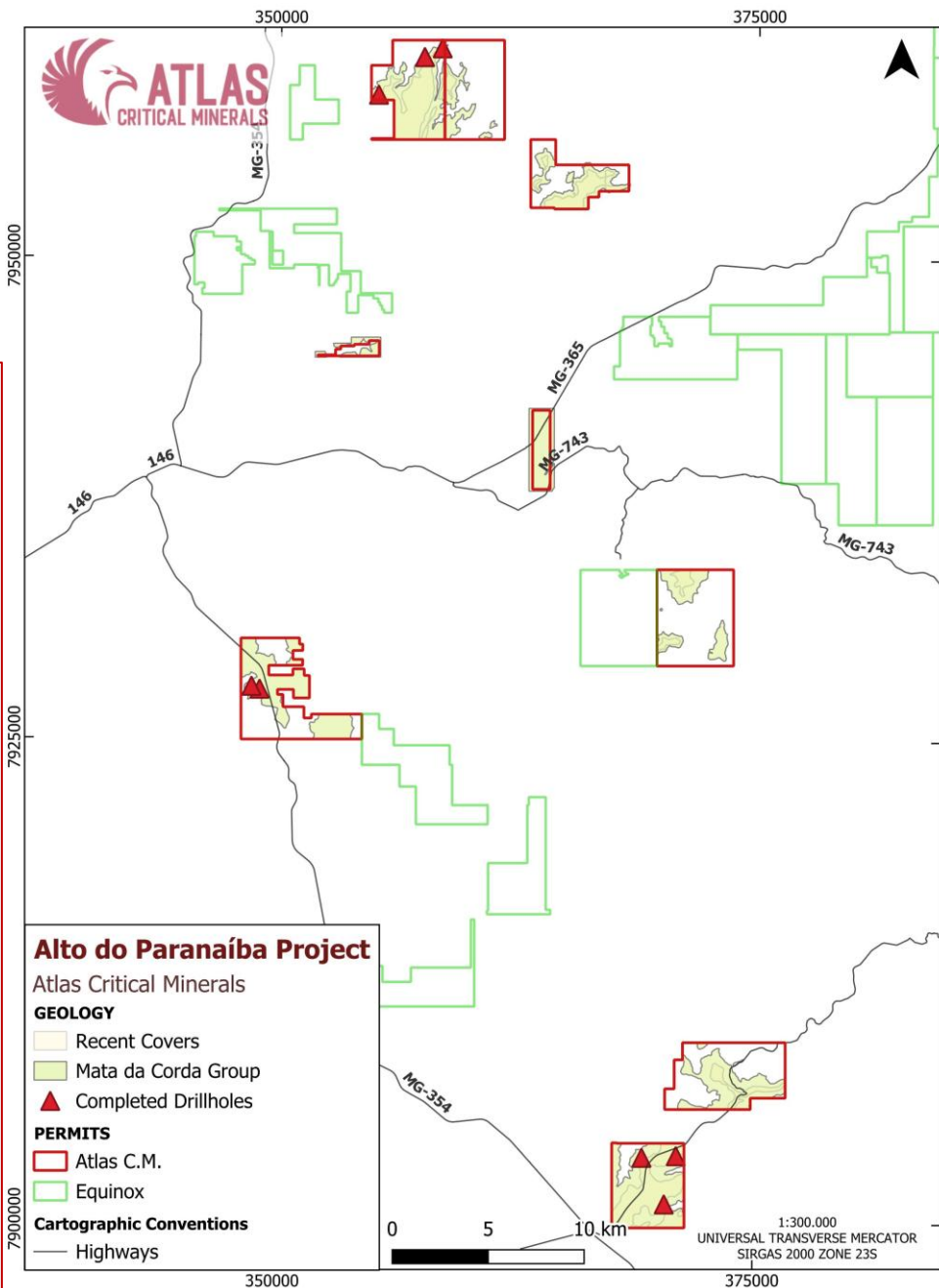
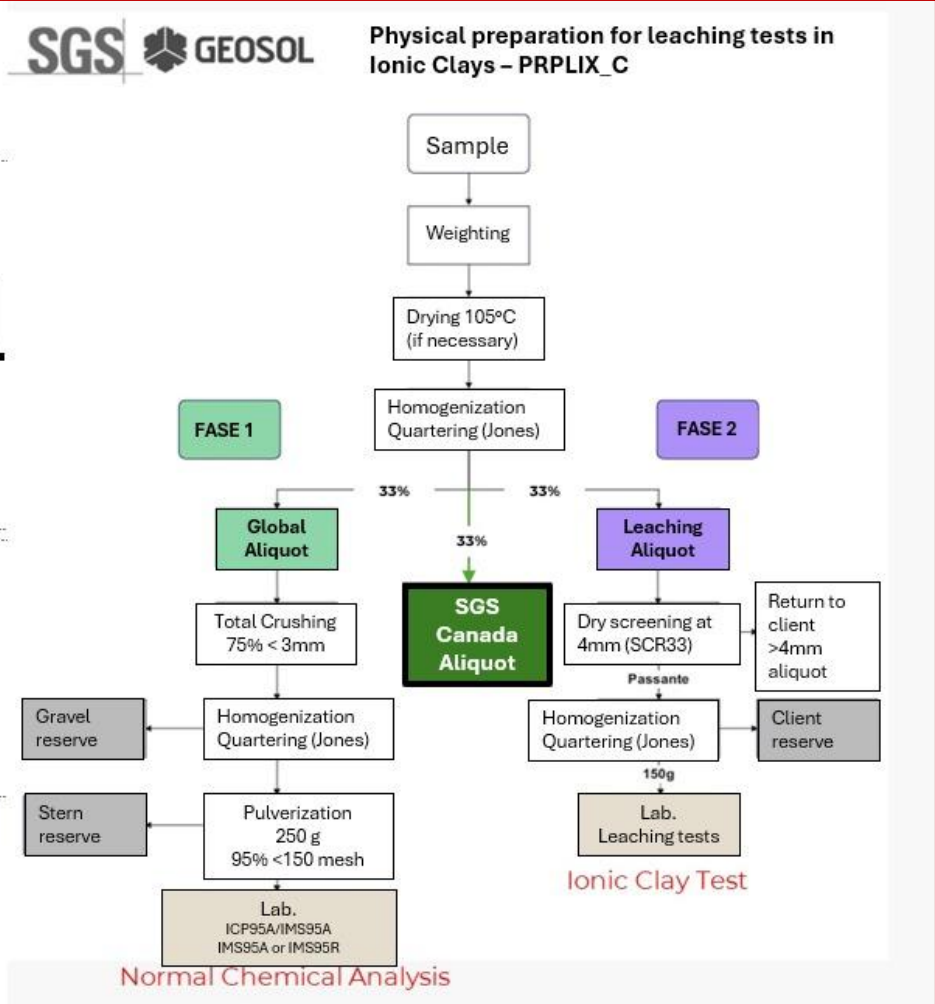
21m@ 4644 ppm TREO and 14% TiO2.

# ALTO PARANAIBA PROJECT

## DRILLING RESULTS

**8 complete Auger Drillholes** for Leaching and Mineralogical tests:

- 82.3 meters hit mineralized rocks.
- **76 samples- preparation & tests phase.**





# ALTO PARANAIBA PROJECT

## DRILLING RESULTS

8 complete Auger Drillholes for Leaching and Mineralogical tests





# Metallurgical Tests

## Neighboring Company

The sighter leach test conditions were assessed as follows:

- L1 test involved leaching at the standard acid concentration used in the Altilium Ti/REE Process™.
- L2 test involved leaching at high concentration of acid.
- L3 test involved a pre leach heat treatment process and leaching at the standard acid concentration used in the Altilium Ti/REE Process™.

In all these tests, REE metal extractions, acid consumptions and residue compositions were measured with the summary of extraction of the REE noted below.

TEST	TREY	LREE	MREE	HREE
L1	69.3%	69.3%	72.5%	73.8%
L2	59.8%	59.8%	63.8%	62.5%
L3	80.8%	81.6%	<b>96.2%</b>	74.8%

**Table 2:** Metallurgical Extraction using 50kg of representative sample under the three test conditions.

RESOURO results, using HNO<sub>3</sub>.

Source: <https://api.investi.com.au/api/announcements/rau/8f3fb983-263.pdf>

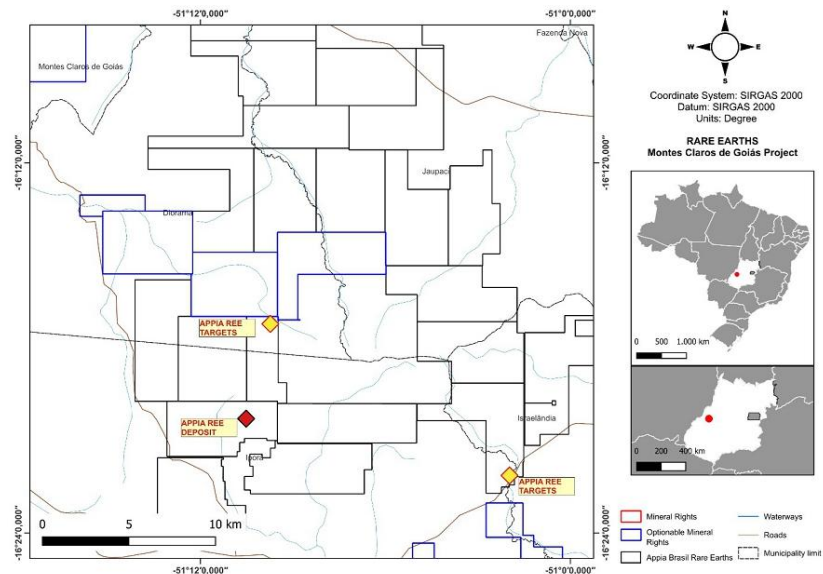
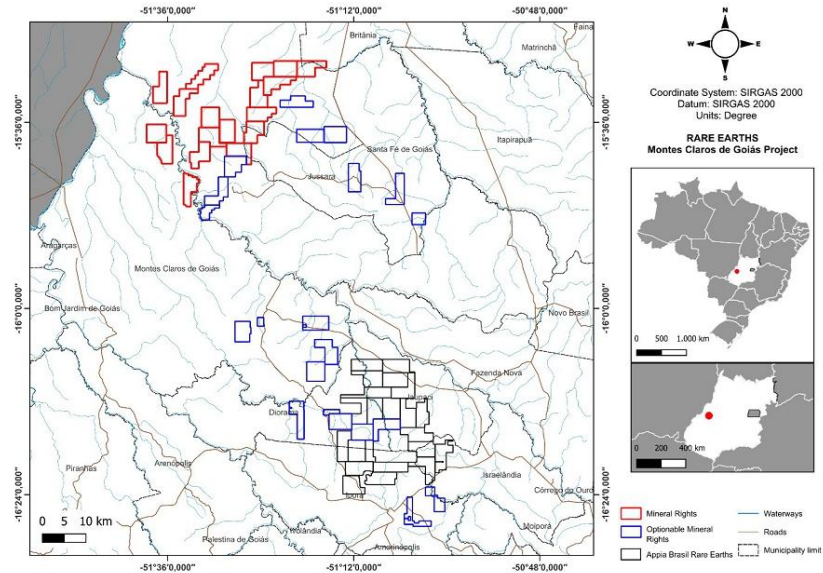


# CONGLOMERATES OF THE CAPACETE FORMATION IN BLOCK 1 AND 2, **CLAST- SUPPORTED FACIES AND MATRIX-SUPPORTED FACIES**



# GOIÁS PROJECT – PROVEN REGION FOR RARE EARTHS

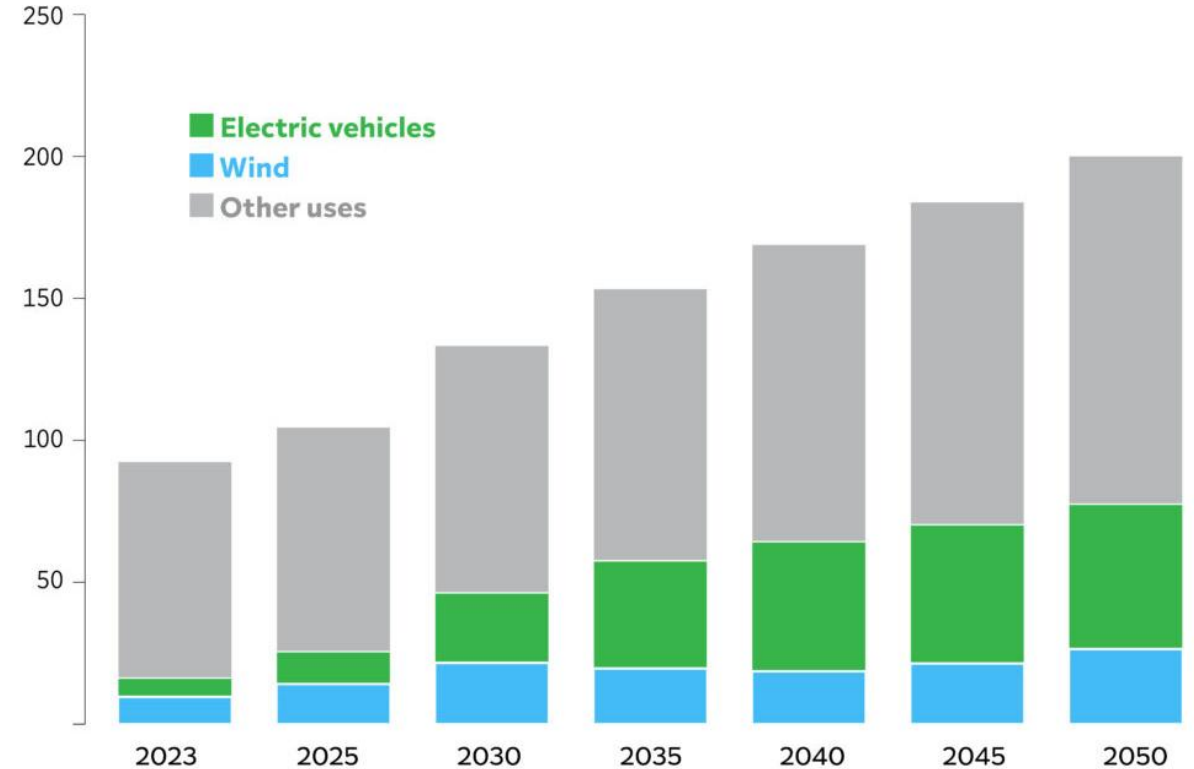
- ✓ 18 mineral rights in western Goiás
- ✓ Favorable geology: Iporá Alkaline Complex with high rare earths content in ionic clay deposits
- ✓ Strategic positioning: multiple mineral rights are adjacent to Appia's successful rare earths project



# RARE EARTHS DEMAND

## GEOPOLITICAL CONTEXT

- ✓ Global demand for magnet rare earth elements (Pr, Nd, Tb, Dy) projected to more than double from 2023 to 2050, with EVs accounting for ~40% of demand by 2050
- ✓ Rare earth elements provide unique magnetic and heat-resistant properties essential for advanced military systems including precision weapons, radar, and electronic warfare equipment
- ✓ China currently controls ~70% of global rare earth mining and ~90% of processing capacity as of August 2024, creating supply chain vulnerabilities for Western economies



NOTE: DATA CORRESPONDS TO THE INTERNATIONAL ENERGY AGENCY'S SCENARIO OF ANNOUNCED CLIMATE PLEDGES. DEMAND FOR MAGNET RARE EARTH ELEMENTS COVERS PRASEODYMIUM (PR), NEODYMIUM (ND), TERBIUM (TB) AND DYSPROSIUM (DY).

SOURCE: INTERNATIONAL ENERGY AGENCY (MAY 2024)



# GRAPHITE

- ✓ Strategic portfolio of 2,918 hectares (7,212 acres) across 3 mineral rights in Minas Gerais, Brazil
- ✓ High-purity graphite formed through billions of years of geological refinement in the Araçuaí Orogen
- ✓ Prime position in critical minerals market as graphite demand soars for EV batteries
- ✓ Industry forecast: 97 new flake graphite mines needed by 2035



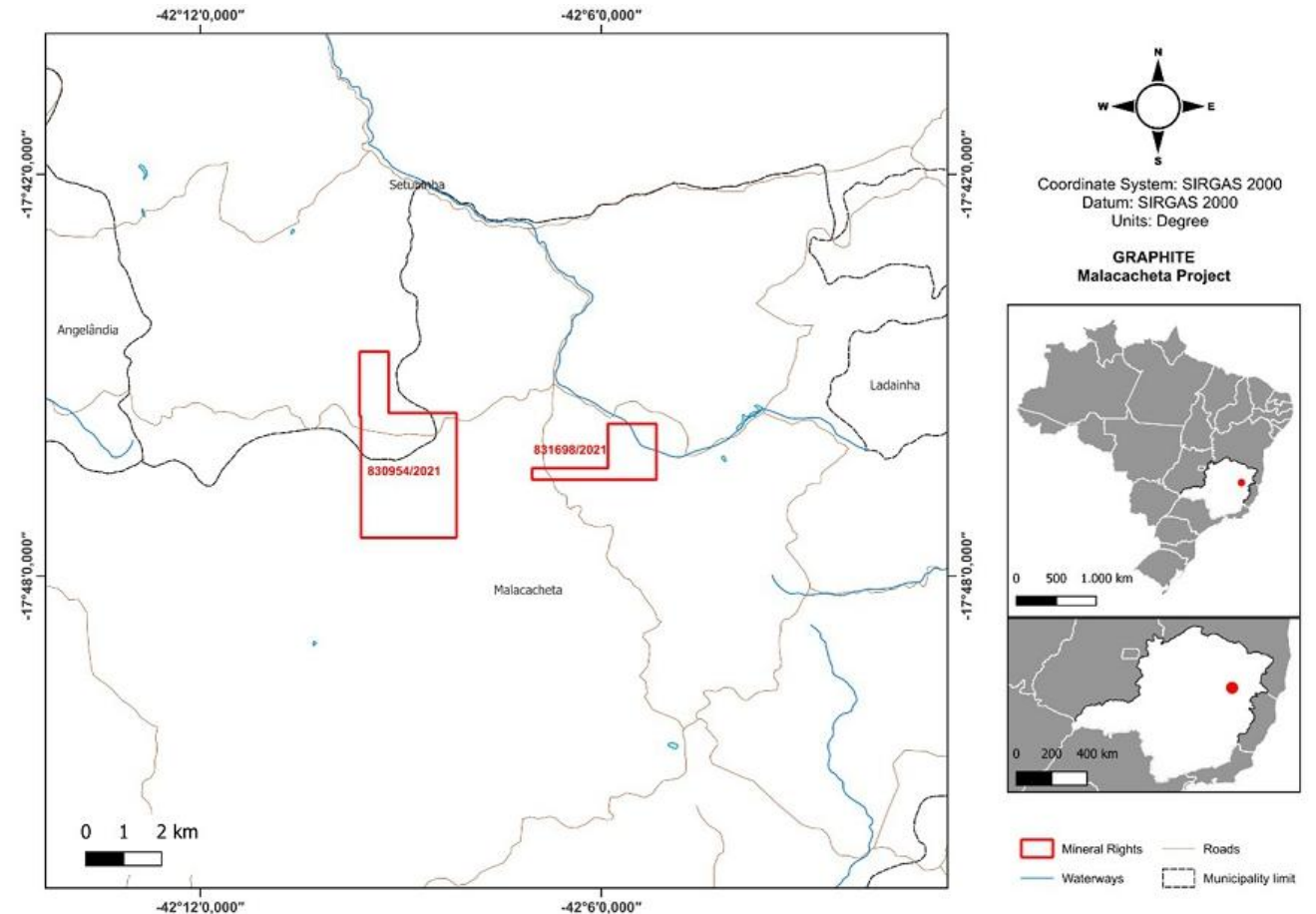
## Malacacheta Project

1,258 hectares with  
visible surface graphite  
occurrences and  
significant potential

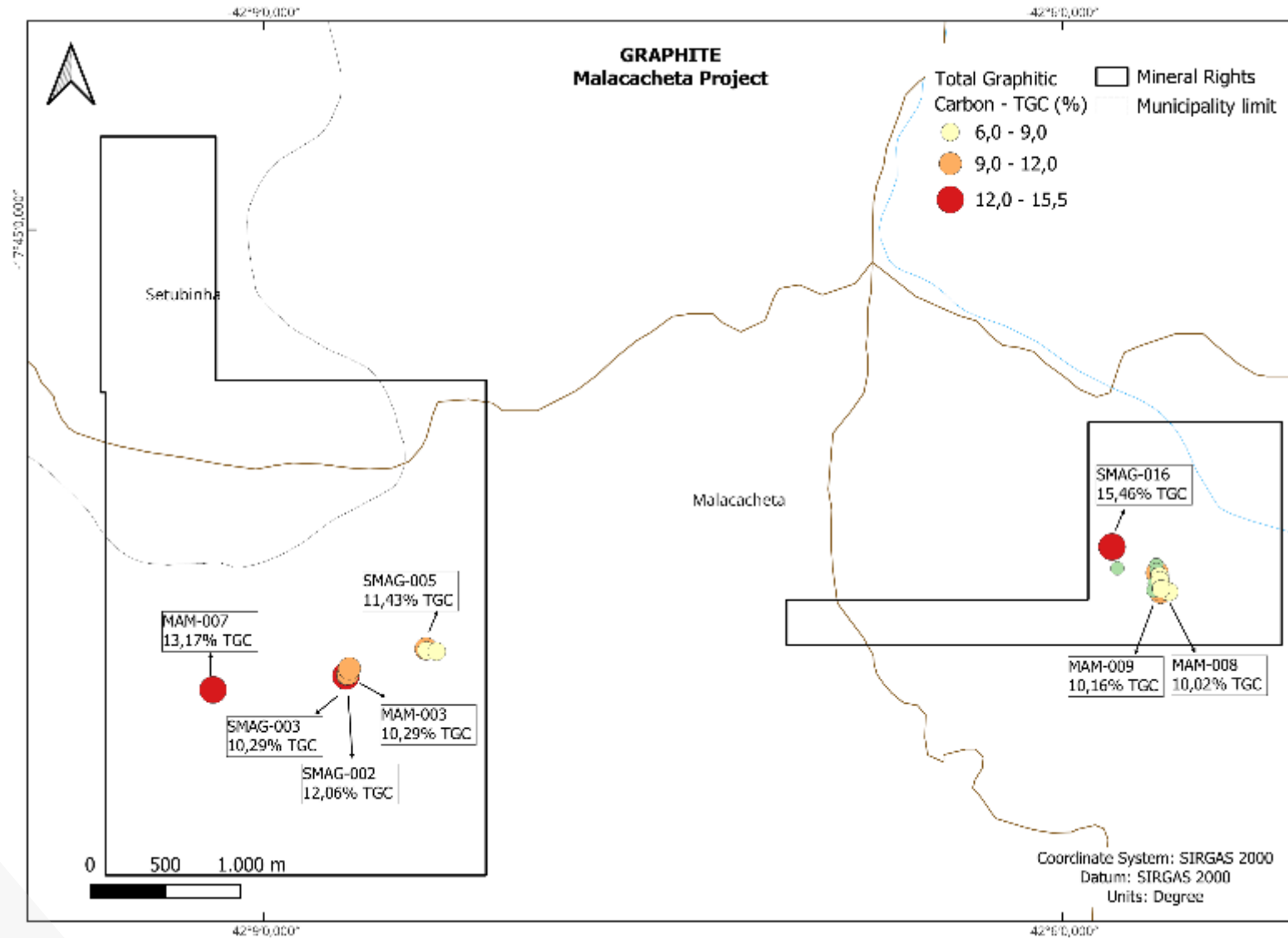


# MALACACHETA PROJECT – PROVEN GRAPHITE AREA

- ✓ Latest exploration at Malacacheta: 43 new targets identified and mapped
- ✓ 17 samples of graphite schist collected for analysis
- ✓ Significant graphite schist bodies discovered intercalated as lenses within mica schist



# MALACACHETA PROJECT – PROVEN GRAPHITE AREA



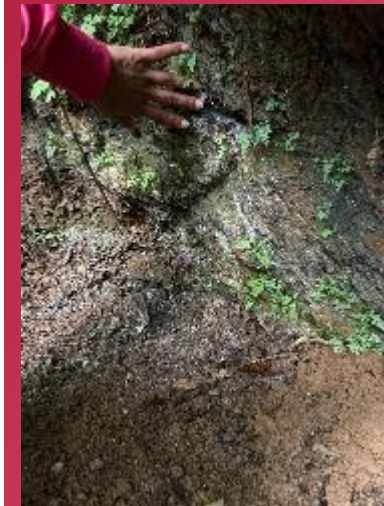
SMAG - 016



SMAG - 005



MAM-007



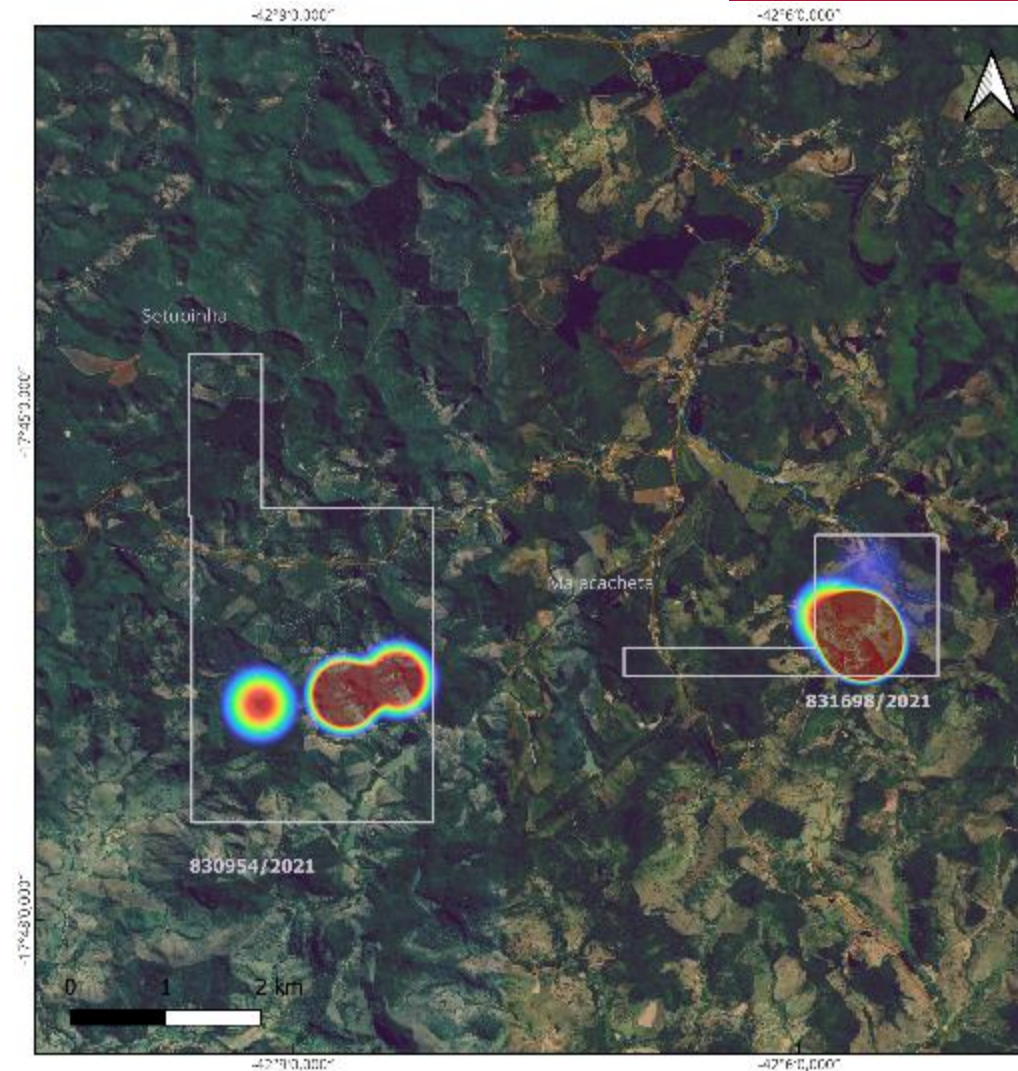
SMAG - 002



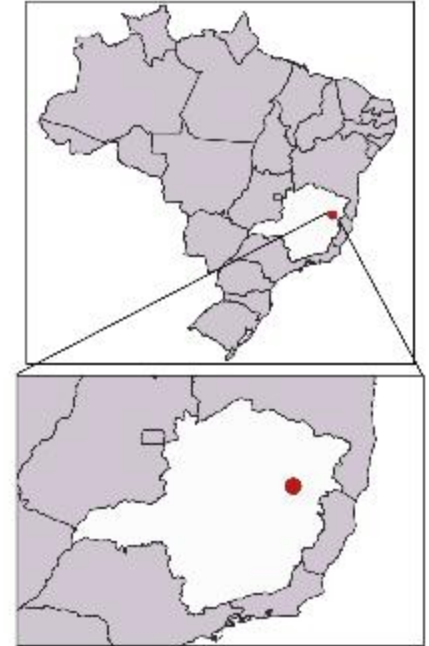


# MALACACHETA PROJECT – PROVEN GRAPHITE AREA

- ✓ Heat map made from chemical results for graphitic carbon in mining rights



**GRAPHITE**  
Malacacheta Project



Graphitic Carbon (%) Mineral Rights  
 15,5  
 0  
 Municipality limit

Coordinate System: SIRGAS 2000  
Datum: SIRGAS 2000  
Units: Degree





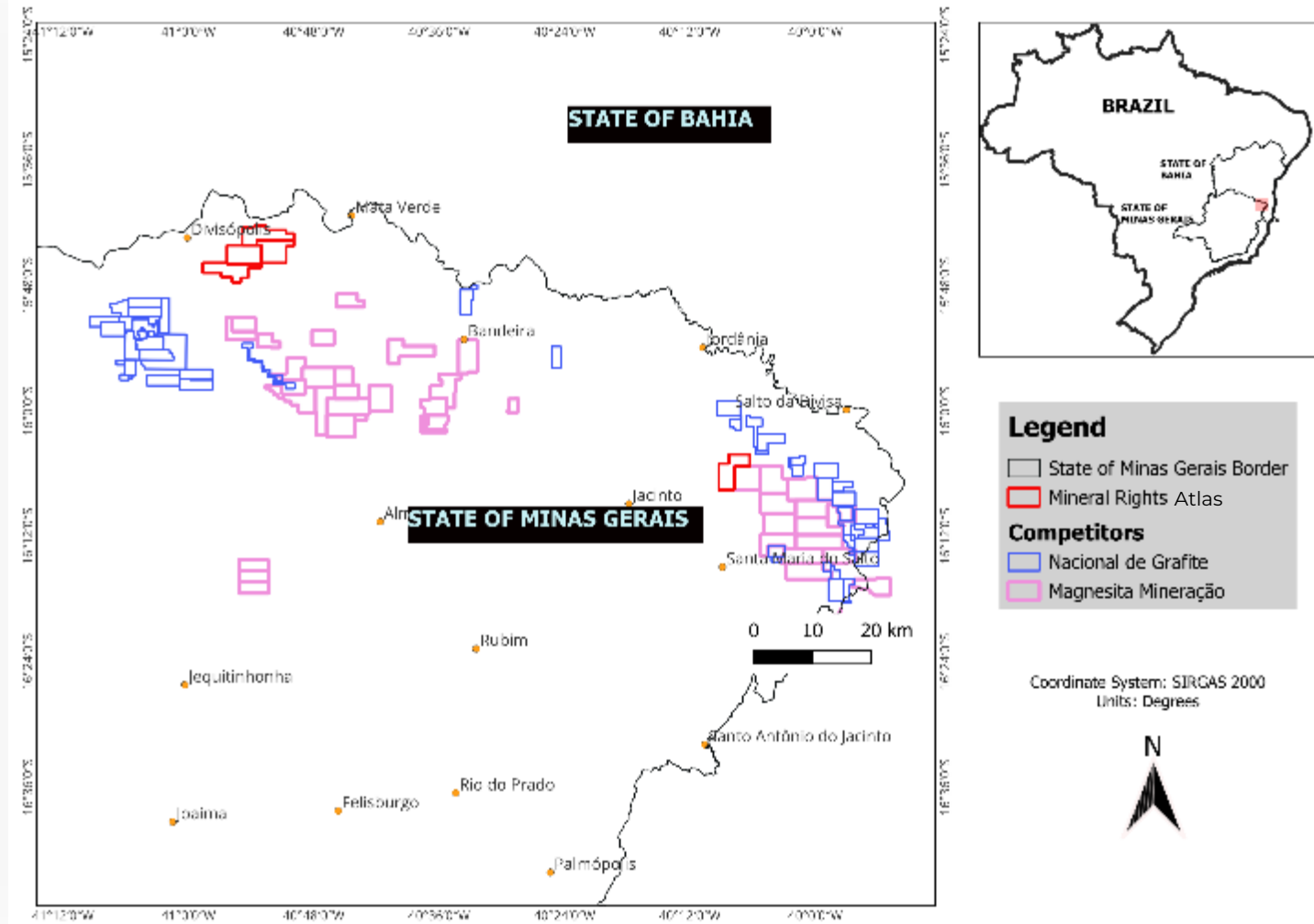
FLAKE-SHAPED GRAPHITE AND GRAPHITE  
SCHIST OUTCROP

MALACACHETA PROJECT



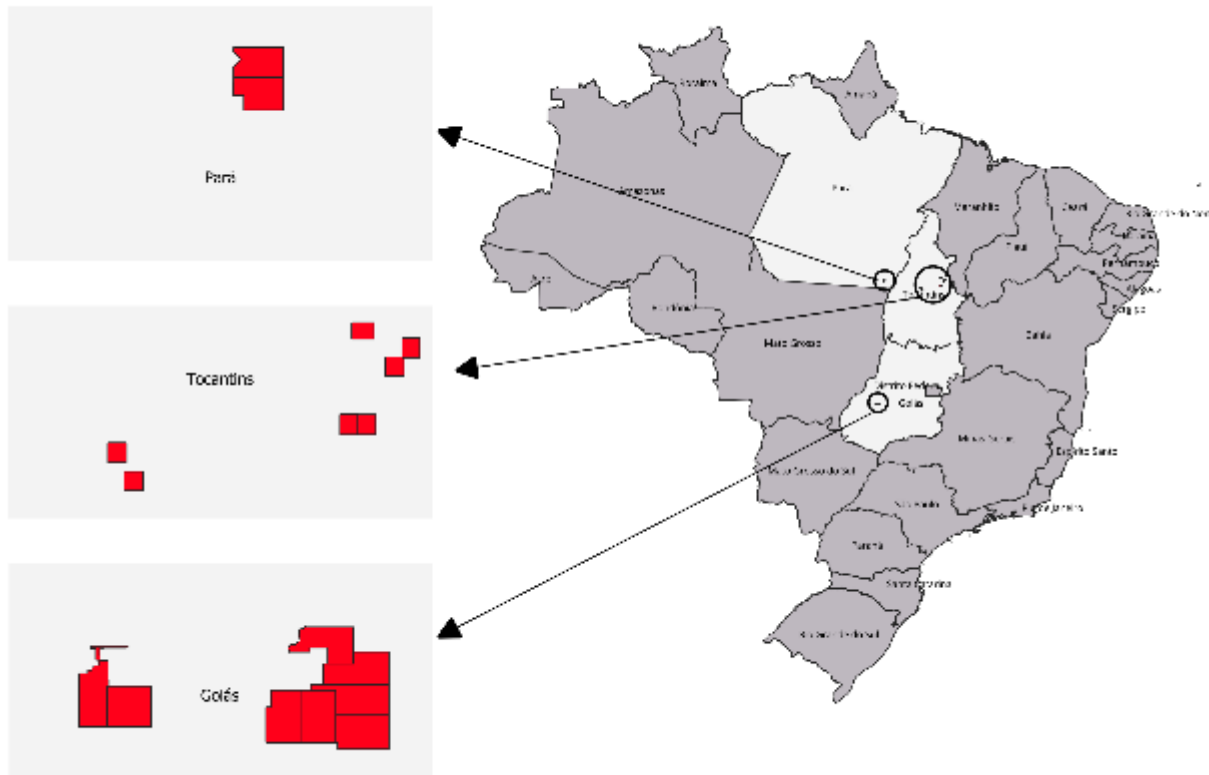
# MINAS GERAIS / BAHIA PROJECT

- ✓ **Portfolio:** 9,715 hectares (24,006 acres) in 5 mineral rights on the border between Minas Gerais and Bahia, states of Brazil



# URANIUM

Uranium Tenement's Location Map



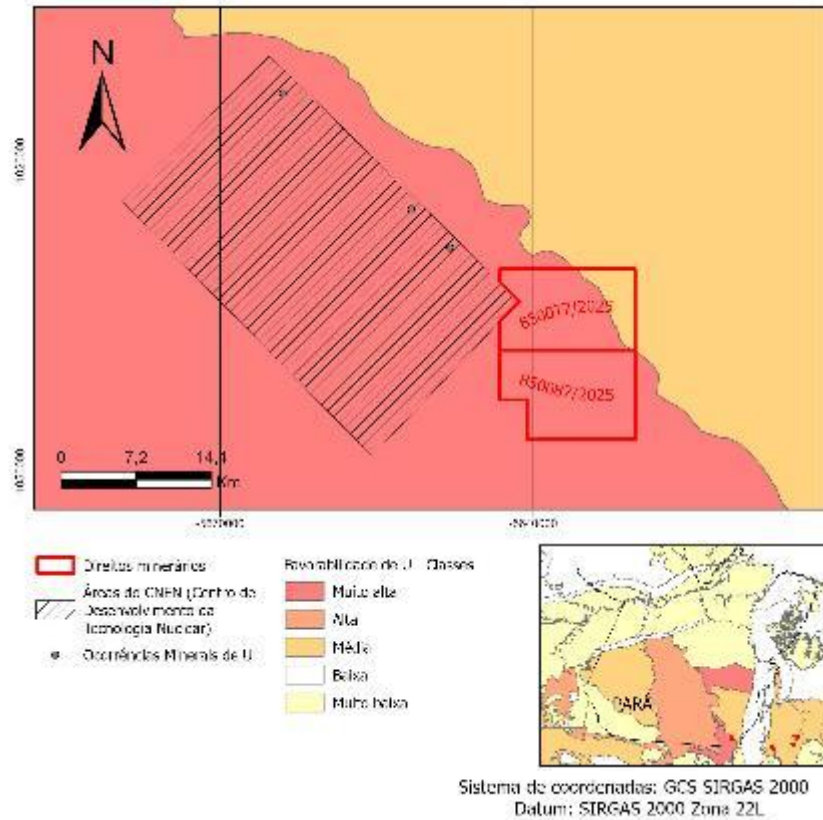
- ✓ **Portfolio:** 103,882 hectares (256,699 acres) across 17 mineral rights in Goiás, Pará, and Tocantins states in Brazil
- ✓ **Properties distribution:** 7 mineral rights in Tocantins (68,441 hectares), 8 in Goiás (15,576 hectares), and 2 in Pará (19,865 hectares)
- ✓ **Strategic Approach:** Applications list copper, phosphate and/or rare earths as primary minerals due to current Brazilian legislation prohibiting uranium as primary mineral
- ✓ **Market Opportunity:** Global uranium prices exceeding \$70/pound in 2024 driven by nuclear energy growth, decarbonization goals, and supply constraints
- ✓ **Brazilian Context:** Global uranium prices exceeding \$70/pound in 2024 driven by nuclear energy growth, decarbonization goals, and supply constraints
- ✓ **Future Positioning:** Applications strategically submitted in anticipation of potential legislative changes, aligning with long-term critical minerals strategy



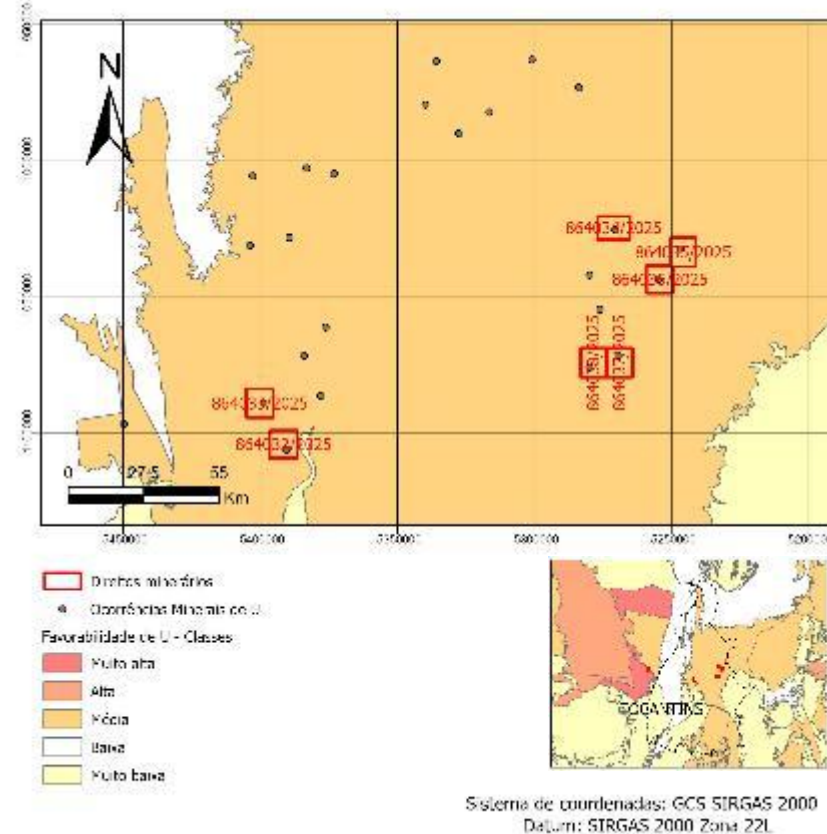
# URANIUM

- ✓ The favorability of uranium deposits in Brazil was assessed by the Brazilian Geological Survey (SGB) and the national territory was divided into geological regions called "geocompartments"

URANIUM FAVORABILITY MAP - STATE OF PARÁ

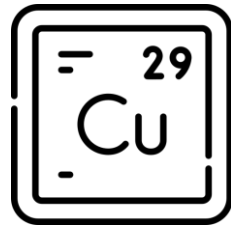


URANIUM FAVORABILITY MAP - STATE OF TOCANTINS



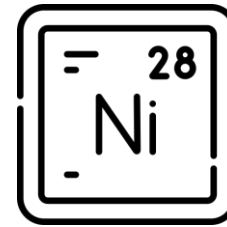
# OTHER **CRITICAL MINERALS** HOLDINGS

## PRE-EXPLORATION STAGE



**Copper**

17,683 Acres  
(~72 km<sup>2</sup>)



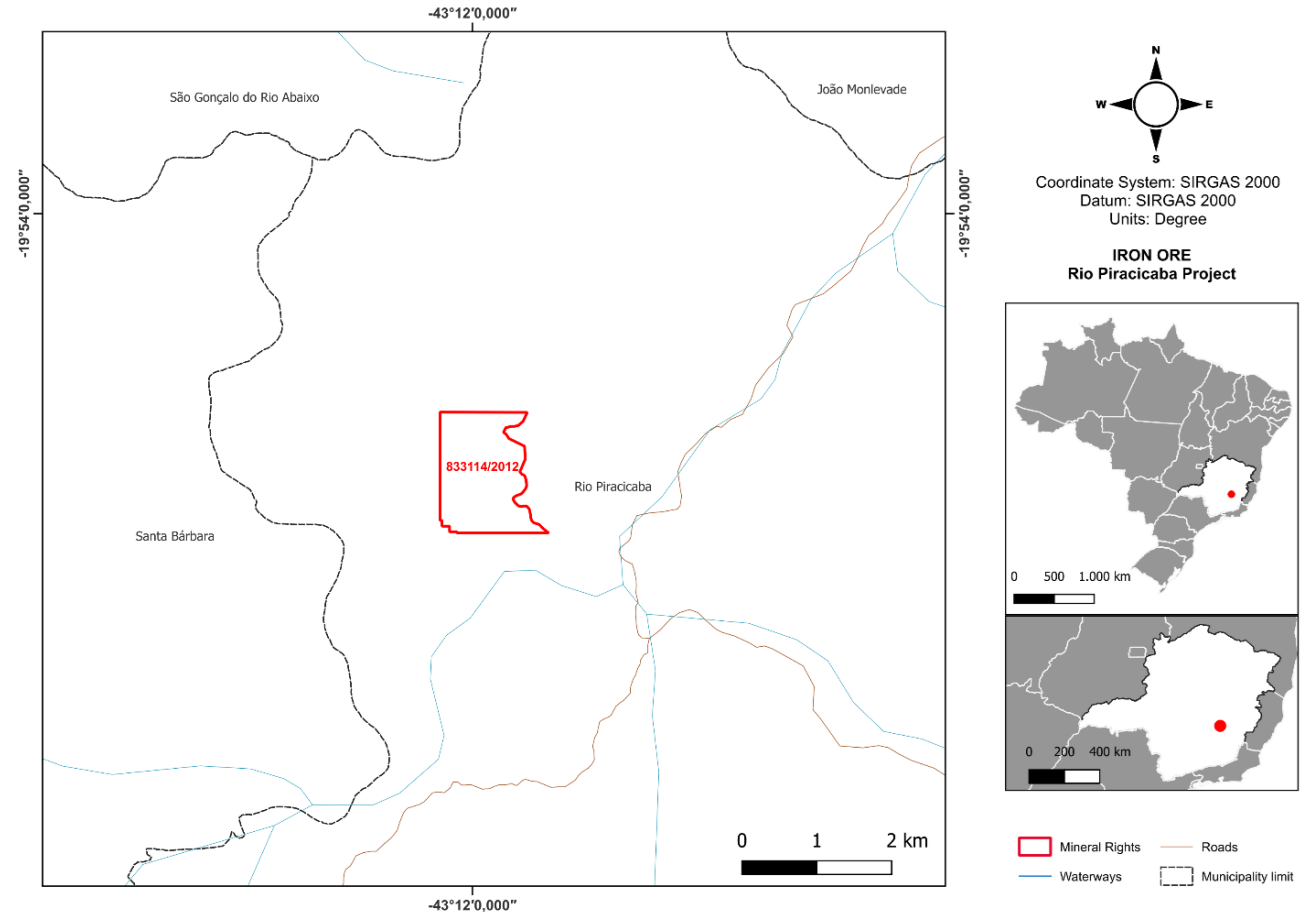
**Nickel**

2,721 Acres  
(~11 km<sup>2</sup>)



# RIO PIRACICABA IRON ORE PROJECT

- ✓ 188.31-hectare area located in Brazil's Iron Quadrangle, the largest mineral province in the country, and immediately next to Vale's Água Limpa iron ore mine
- ✓ Our SK1300 issued report showed 7,852,912 tons of iron ore reserves with 32% Fe average grade; laboratory tests achieved 64.2% Fe product
- ✓ All needed permits secured for 300,000 tons/year extraction, allowing immediate operations





# QUARTZITE OUTCROP DISCOVERED IN **OUR MINERAL RIGHT**

- ✓ **Estimated Tonnage:** 3,377,700 Tonnes
- ✓ **Life of Mine:** ~40 Years



## EXAMPLES OF BLOCKS PRODUCED AT OUR QUARTZITE QUARRY



## POLISHED QUARTZITE SLAB FROM OUR QUARTZITE QUARRY PRODUCTION



# GOLD: 100%-OWNED PROJECTS

Project Name	Mineral	Location in Brazil (State)	Area (Acres)	Highlights
Alpha	Gold	Minas Gerais	26,447	<b>Exploration Stage:</b> Greenstone belt formation in an area known for artisanal gold. Gold mineralization reported by prior owner and verified by us in new trenching.
Alta Floresta	Gold	Mato Grosso	24,387	<b>Exploration Stage:</b> Premier new gold mining district of Alta Floresta. Our area is located adjacent to a producing gold mine.
Paracatu	Gold	Minas Gerais	773	<b>Exploration Stage:</b> Well-known gold district where Kinross Gold has its largest gold mine in Brazil.
Apuí	Gold	Amazonas	69,330	<b>Exploration Stage:</b> New gold frontier with large (> 1M oz) deposits.
Cavalcante	Gold	Goiás, Tocantins	4,771	<b>Exploration Stage:</b> Indications of targets from artisanal mining.



# MANAGEMENT TEAM

## Marc Fogassa

Chairman & CEO



- 20-yr experience in finance and executive management;
- Successfully grew Atlas Lithium (Nasdaq: AT LX) as CEO and Chairman
- Fluent in Portuguese, the language of Brazil
- MIT, double-major undergraduate; Harvard MBA

## Rodrigo Menck

Chief Financial Officer & Treasurer



- Previously CFO of Sigma Lithium and Nexa Resources
- 25+ years of experience in the Financial and Natural Resources sectors

## Eduardo Queiroz

Chief Technical Consultant



- 20+ years of experience managing complex, large-scale mining projects
- Previously General Manager of Planning and Management at Bamin (Eurasian Resources Group), managing projects over US\$3 billion
- Expertise in engineering oversight, environmental compliance, and risk management

## Brian W. Bernier

VP, Investor Relations



- 35-yr experience in investor relations and capital raising
- Experience with corporate finance transactions and equity analysts

## Areli Nogueira

VP, Mineral Exploration & Director



- Expert geologist in multiple critical minerals
- Founder and former CTO of MineXplore, mineral rights database
- Former analyst at the Brazilian mining department

## Joel Monteiro, Esq.

VP, Administration & Director



- Expertise in the interface with government regulators, contractors, and communities
- Former partner and head of business law in prestigious mid-size Brazilian law firm

# BOARD OF DIRECTORS



**Agenor Cuculicchio, Esq.**  
Independent Director

- ✓ 20+ years of experience in mining law
- ✓ Founding Partner of Cuculicchio & Fontes, focused on mining and regulatory law
- ✓ Non-management shareholder in various local mining ventures



**Joel Monteiro, Esq.**  
Director

- ✓ VP, Administration, for Atlas Critical Minerals
- ✓ Expert in advancing our projects with mining regulators and communities in Brazil
- ✓ Prior head of business law for mid-size law firm



**Marc Fogassa**  
Chairman & CEO

- ✓ 25-yr experience in finance and executive management
- ✓ Successfully grew Atlas Lithium (Nasdaq: AT LX) as CEO and Chairman
- ✓ MIT, double-major undergraduate; Harvard MBA



**Areli Nogueira**  
Director

- ✓ VP, Mineral Exploration, for Atlas Critical Minerals
- ✓ Expert at multiple critical minerals
- ✓ Prior founder and former CTO of MineXplore
- ✓ Prior analyst at the Brazilian mining department



**Gabriel Santos, Esq.**  
Independent Director

- ✓ 20+ years of experience in mergers and acquisitions, and other complex business transactions
- ✓ Founding Partner of ARM Mentoria Juridica, a business law firm in Belo Horizonte, Brazil



# KEY STOCK HIGHLIGHTS

OTCQB: JUPGF	
Share Price	\$0.75
Outstanding Shares	33M
Market Capitalization	\$25M
52-week High	\$1.10
52-week Low	\$0.40



# SAFE HARBOR

This presentation contains forward-looking statements made under the "safe harbor" provisions of the U.S. Private Securities Litigation Reform Act of 1995. Forward looking statements are based upon the current plans, estimates and projections of Atlas Critical Minerals Corporation's management and are subject to risks and uncertainties, which could cause actual results to differ from the forward- looking statements. Such statements include, among others, those concerning market and industry segment growth and demand and acceptance of new and existing products; any projections of production, reserves, sales, earnings, revenue, margins or other financial items; any statements of the plans, strategies and objectives of management for future operations; any statements regarding future economic conditions or performance; uncertainties related to conducting business in Brazil, as well as all assumptions, expectations, predictions, intentions or beliefs about future events. Therefore, you should not place undue reliance on these forward-looking statements.

The following factors, among others, could cause actual results to differ from those set forth in the forward-looking statements: business conditions in Brazil, general economic conditions, geopolitical events and regulatory changes, availability of capital, Atlas Critical Minerals Corporation's ability to maintain its competitive position and dependence on key management. This press release does not constitute an offer to sell or the solicitation of an offer to buy any security and shall not constitute an offer, solicitation or sale of any securities in any jurisdiction in which such offer, solicitation or sale would be unlawful prior to registration or qualification under the securities laws of such jurisdiction. We advise U.S. investors that as of now the projects listed do not have "reserves" as such term is defined in the Securities and Exchange Commission's Industry Guide 7.



# INVESTOR RELATIONS:



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