



Brief Corporate Overview



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.

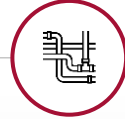
The following factors, among others, could cause actual results to differ from those set forth in the forward-looking statements: business conditions in Brazil, general economic conditions, geopolitical events and regulatory changes, availability of capital, Atlas Critical Minerals Corporation's ability 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.

INVESTMENT HIGHLIGHTS



Largest Portfolio of Critical Minerals

- ✓ Controls 218,000+ hectares of mineral rights in Brazil:
 - ✓ Rare Earths
 - ✓ Titanium
 - ✓ Graphite
 - ✓ Uranium
 - ✓ Copper
 - ✓ Nickel
 - ✓ Iron Ore



High-Quality Project Pipeline

- ✓ High-potential rare earths projects located in the states of Minas Gerais and Goiás
- ✓ Samples with grades up to 28,870+ ppm TREO
- ✓ Multiple projects advancing simultaneously across various commodities



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



Team with Proven Track Record

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



Early Revenue Generation

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

CRITICAL MINERALS MARKET TRANSFORMATION: GOVERNMENT BACKING CREATES UNPRECEDENTED OPPORTUNITY

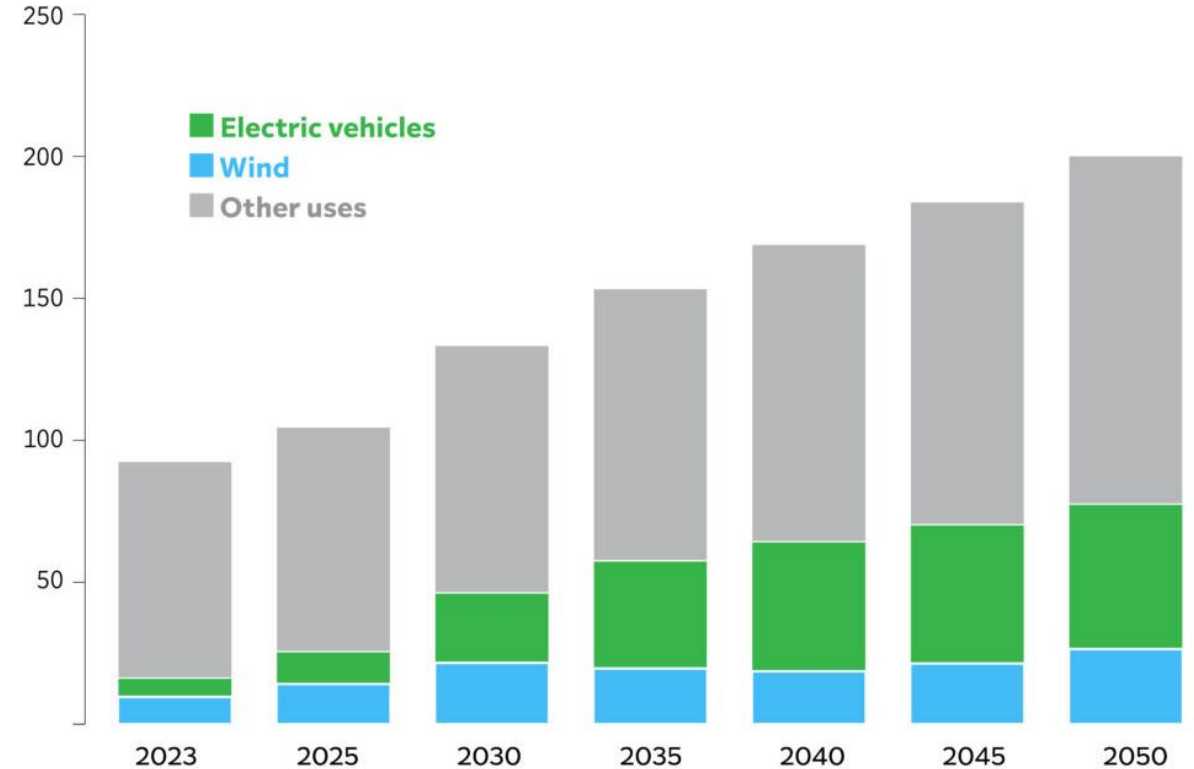
- ✓ July 10, 2025 - Historic Pentagon Investment: \$400M
DOD investment in MP Materials = largest gov't commitment to critical minerals sector
- ✓ 200% Premium Guarantees: U.S. guarantees \$110/kg for rare earth oxides (2x current market) for 10 years
- ✓ Wall Street Validation: JPMorgan + Goldman providing \$1B financing; MP Materials +\$2.5B market cap overnight
- ✓ Defense Premium Pricing: F-35 needs 900 lbs REEs, submarine needs 9,200 lbs = sustained high-value military demand



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)

KEY STOCK HIGHLIGHTS

OTCQB: JUPGF	
Share Price	\$3.29
Outstanding Shares	41.6M
Market Capitalization	\$136.9M
52-week High	\$3.93
52-week Low	\$0.40

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



RARE EARTHS & TITANIUM

RARE EARTHS PORTFOLIO



- ✓ 53,939 hectares across 33 mineral rights in Minas Gerais and Goiás
- ✓ Two primary project areas: Alto Paranaíba (Minas Gerais) Project and Iporá Project (Goiás)
- ✓ SGS-authored Property of Merit report for Alto Paranaíba project under Regulation SK-1300 was published on August 14, 2025 and filed with the SEC.
- ✓ SGS-authored Property of Merit report for Iporá project under Regulation SK-1300 was published on October 3, 2025 and filed with the SEC.

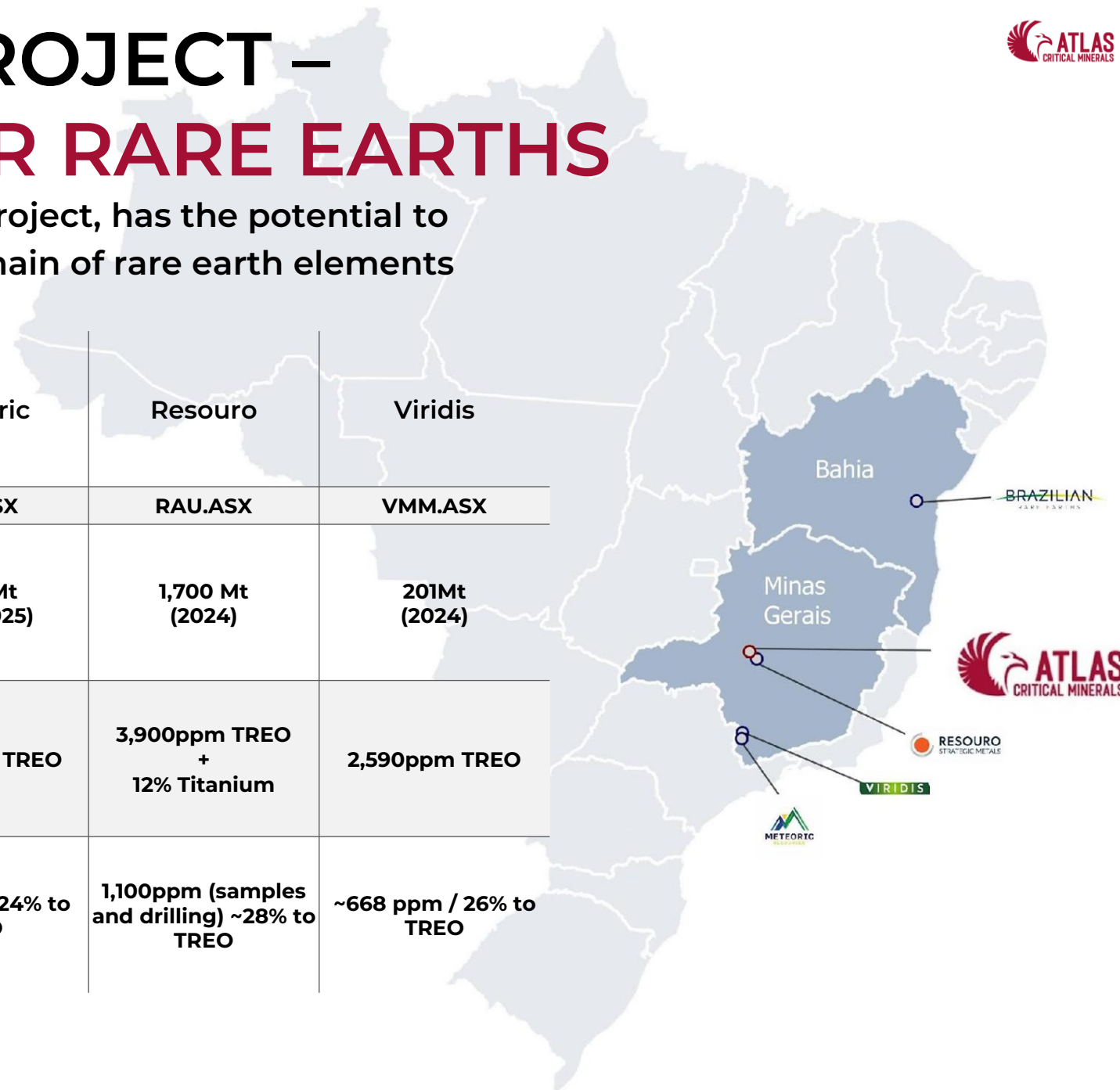
ALTO PARANAIBA PROJECT – PROVEN REGION FOR RARE EARTHS

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)	1,500 Mt (July, 2025)	1,700 Mt (2024)	201Mt (2024)
Average Overall Grade	4,818ppm TREO + 12% Titanium	1,513ppm TREO	2,359 ppm TREO	3,900ppm TREO + 12% Titanium	2,590ppm TREO
MREO Grade	1,352 ppm / 28% to TREO	~425 ppm / 28% to TREO	526ppm / ~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

Rare Earths & Titanium

ALTO PARANAIBA PROJECT

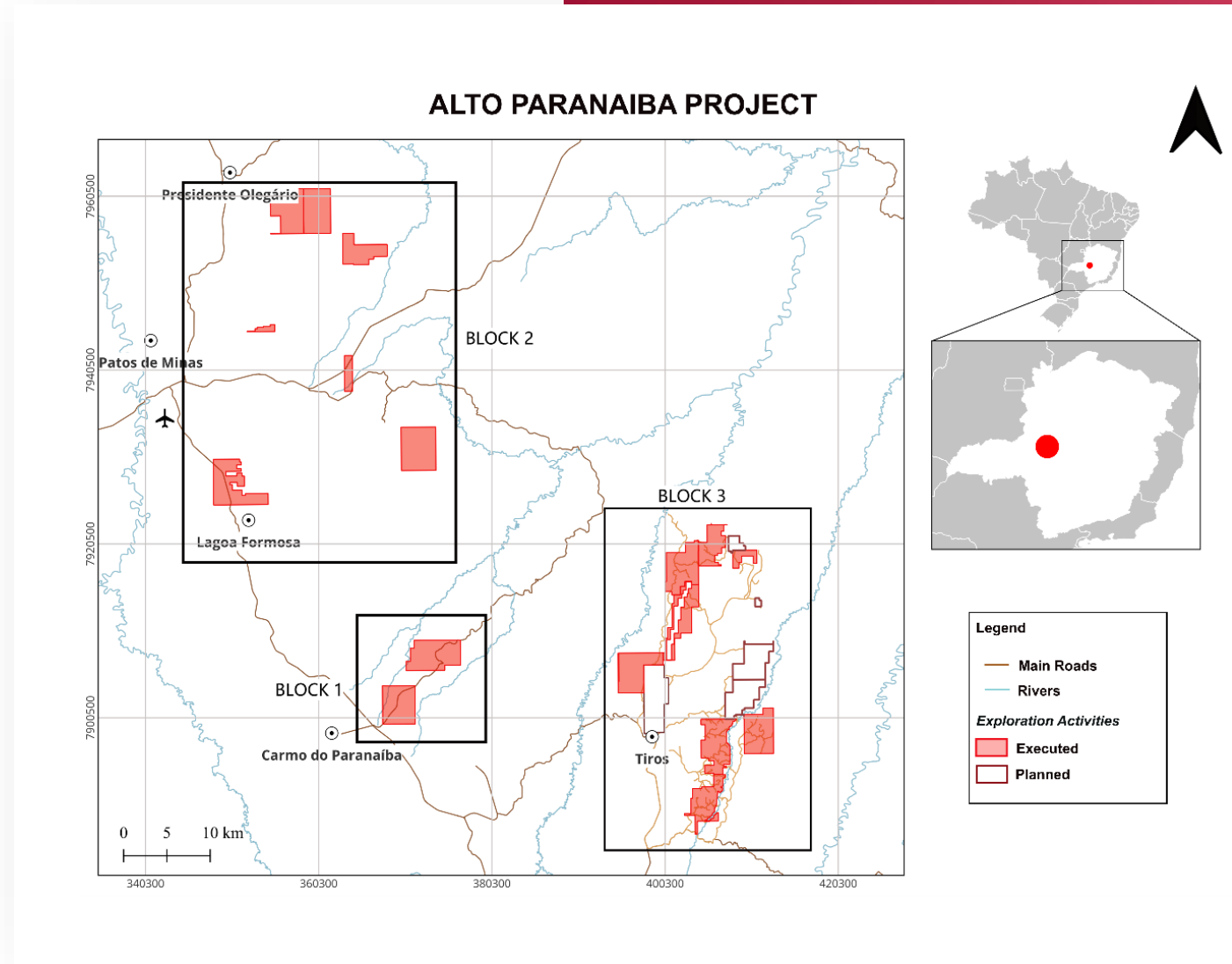
DRILLING RESULTS

11 complete Auger Drillholes for Mineralogical Tests



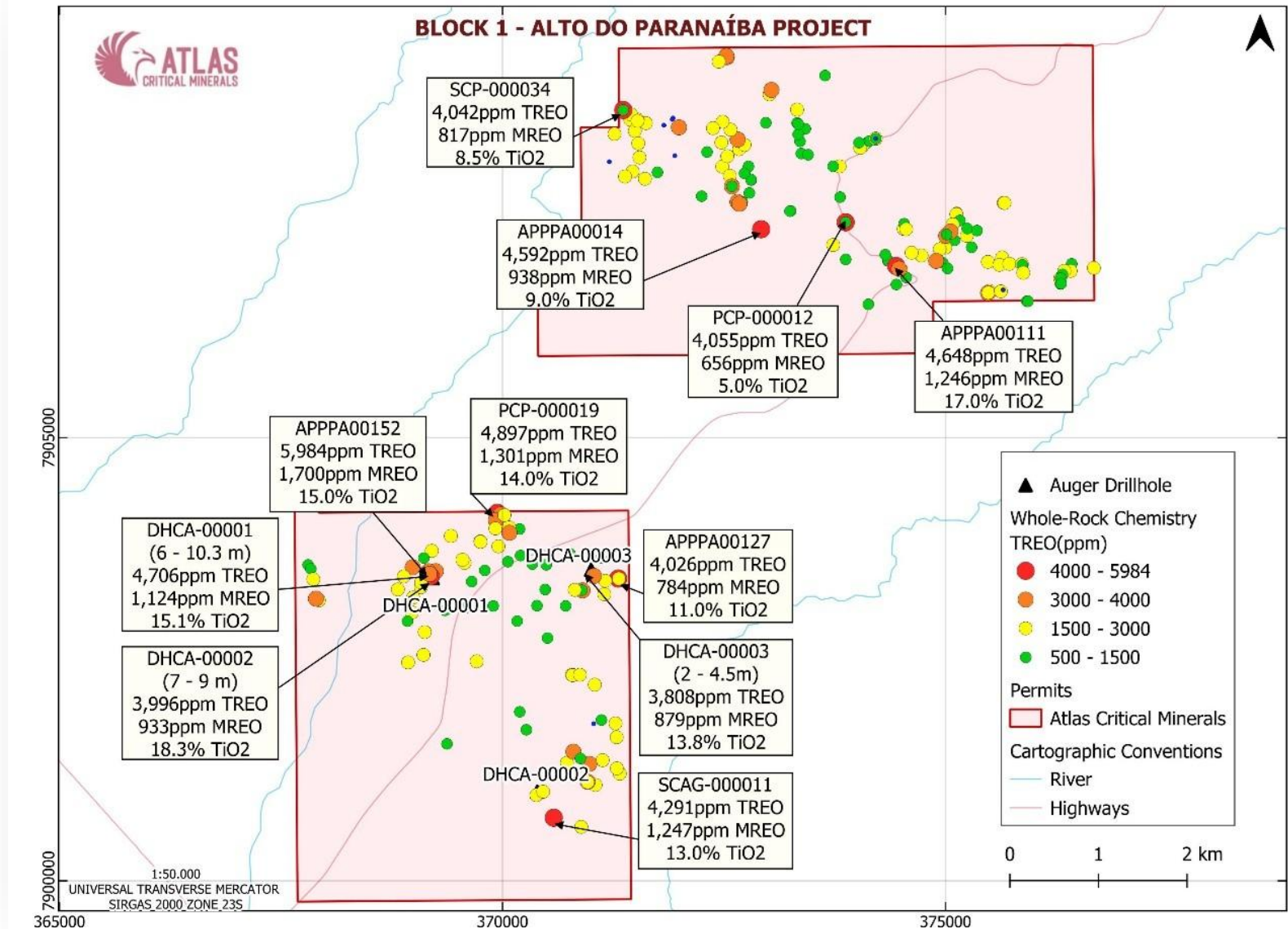
ALTO PARANAÍBA PROJECT (APP) HIGHLIGHTS

- ✓ 15 mineral rights located ~350km from Belo Horizonte, capital of Minas Gerais
- ✓ Favorable geology: Capacete Formation hosting rare earths alongside titanium
- ✓ 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 28,870 ppm TREO and 23.2% TiO_2



ALTO PARANAÍBA PROJECT (APP)

☑ Top whole rock sample results

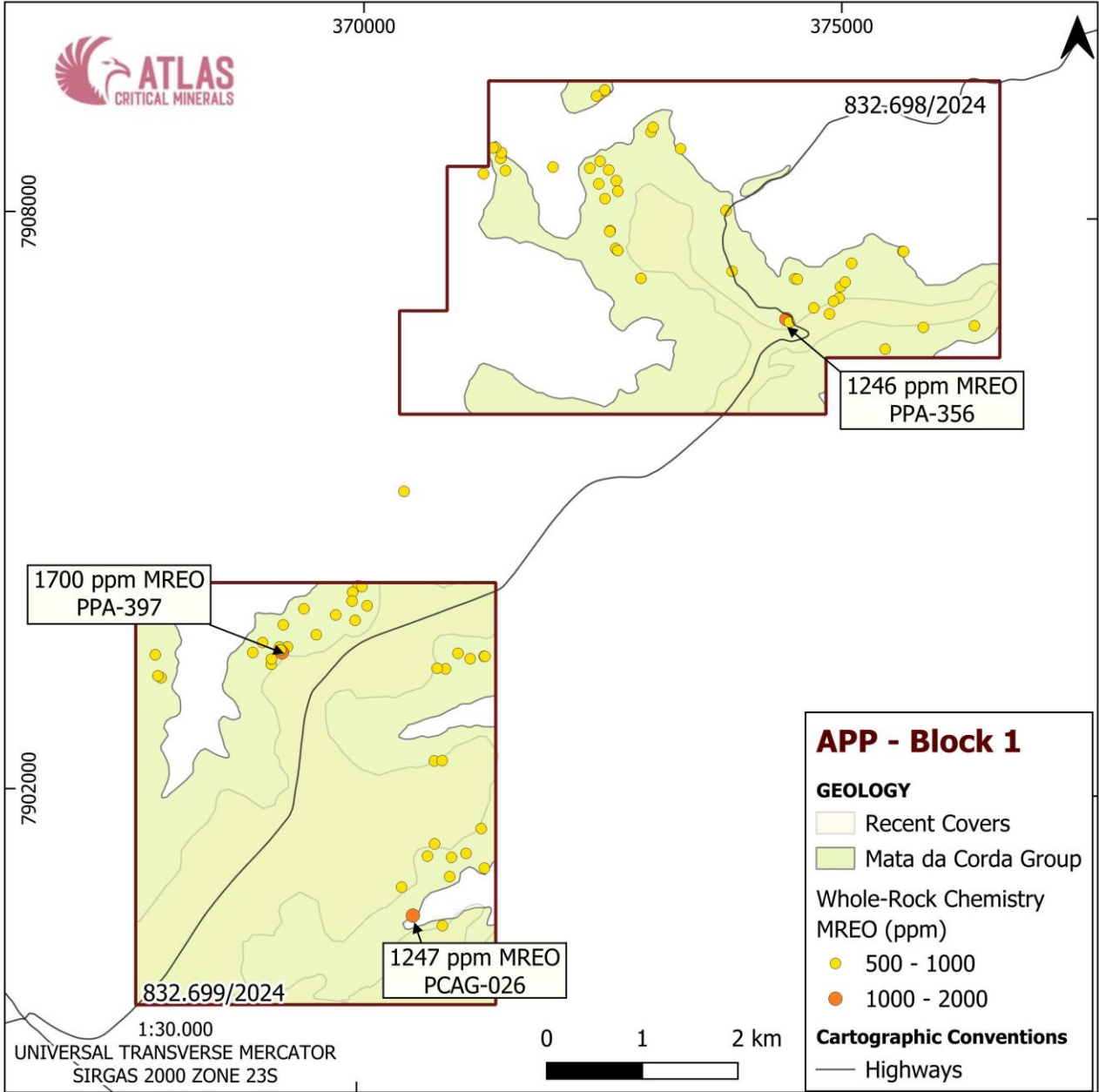


BLOCK 1 – MREO Grades

MREO: Nd + Pr + Dy + Tb oxides

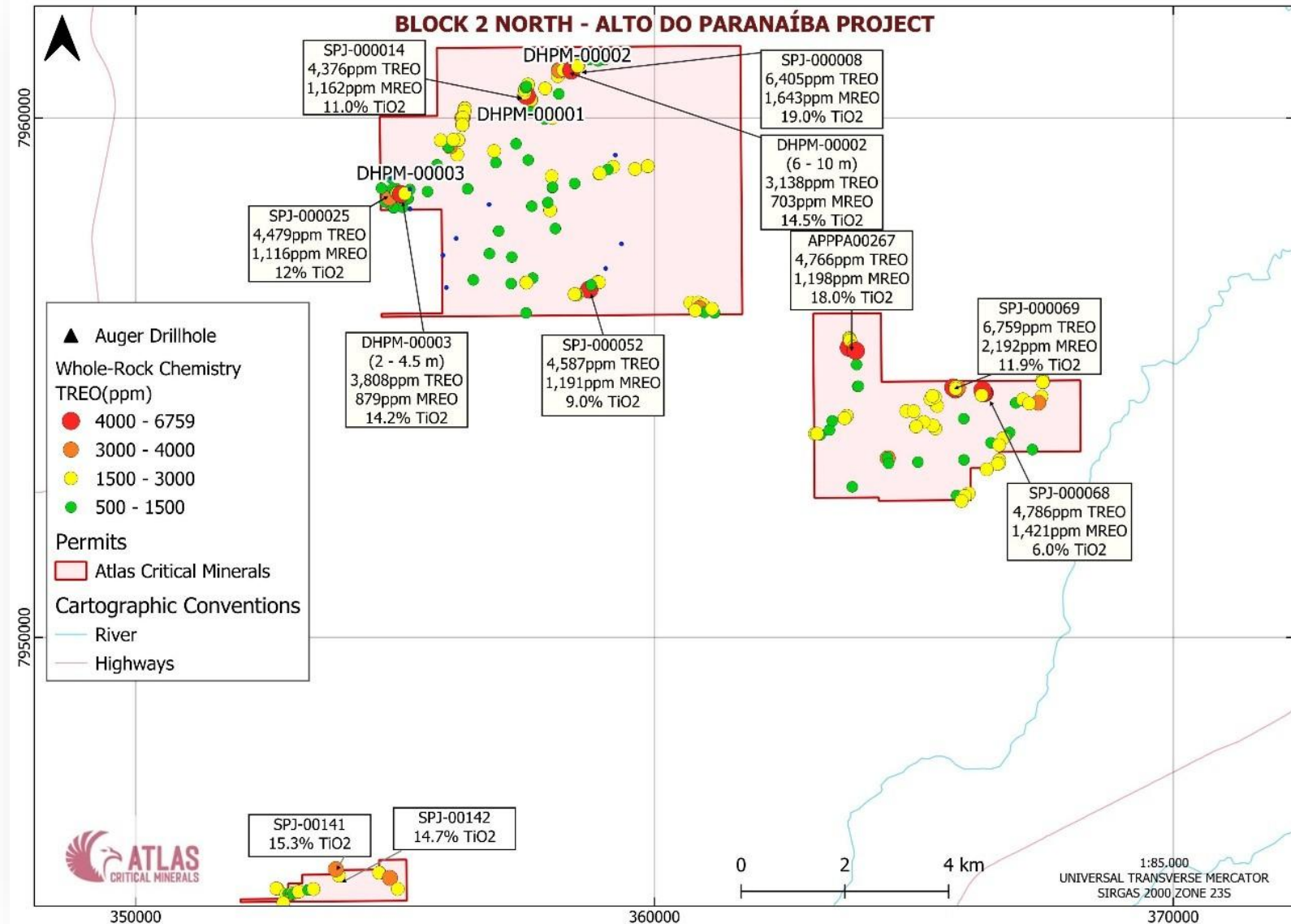
Average % of MREO to TREO grades
in the surface samples: **23%**

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



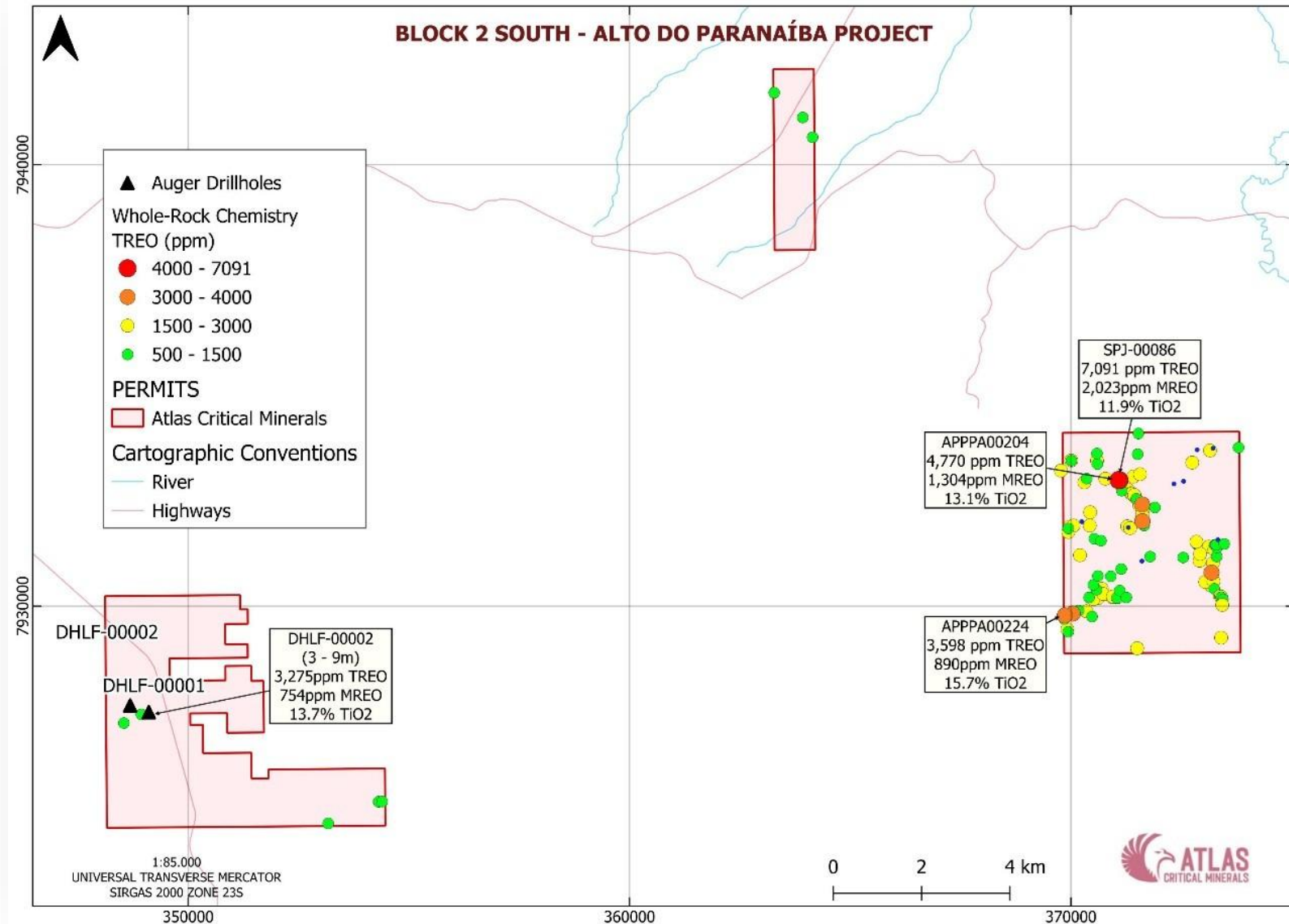
ALTO PARANAÍBA PROJECT (APP) BLOCK 2 North

- Block 2 North representative TREO and TiO₂ sample grades



ALTO PARANAÍBA PROJECT (APP) BLOCK 2 South

- Block 2 South representative TREO and TiO₂ sample grades

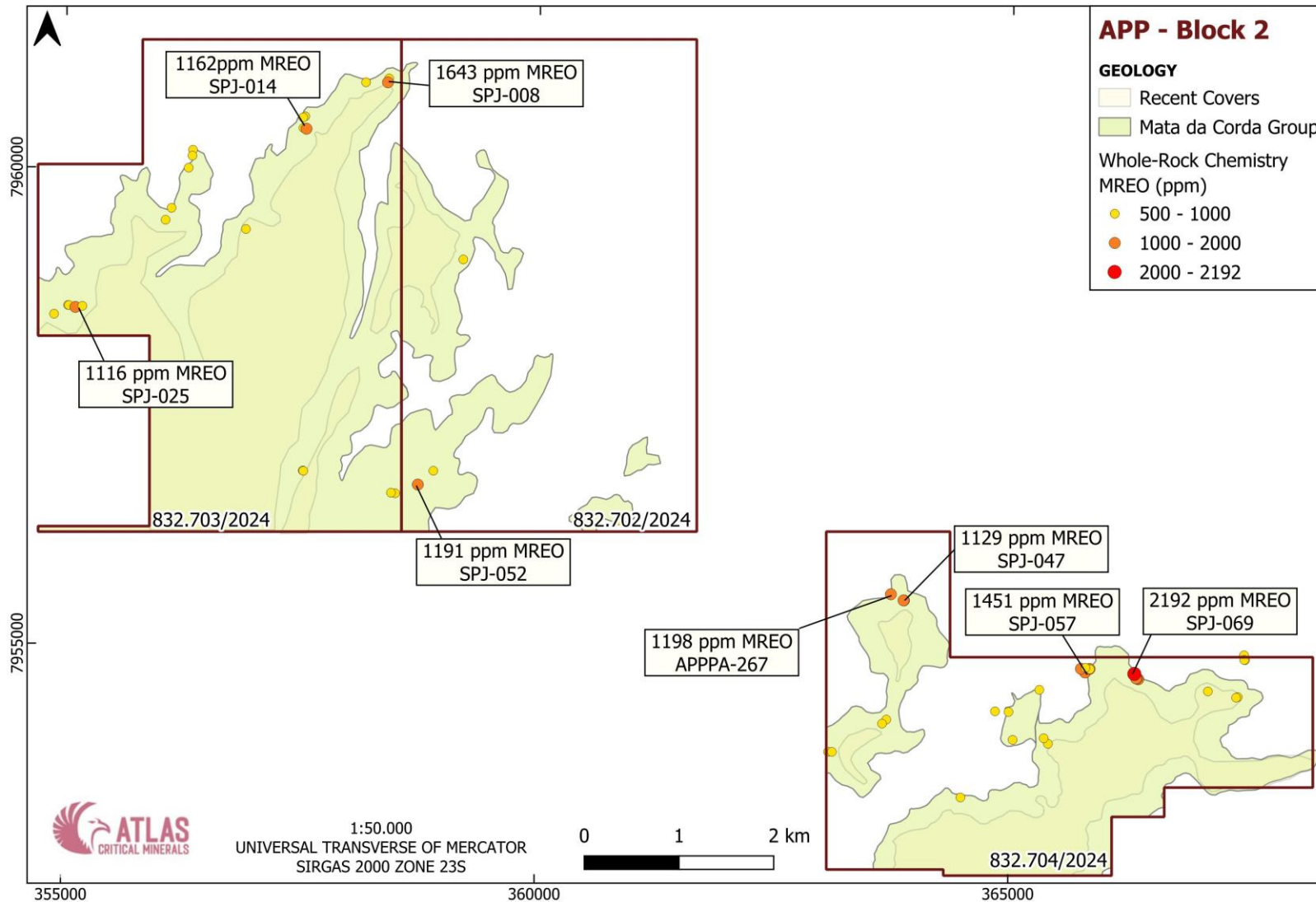


BLOCK 2 – MREO Grades

MREO: Nd + Pr + Dy + Tb oxides



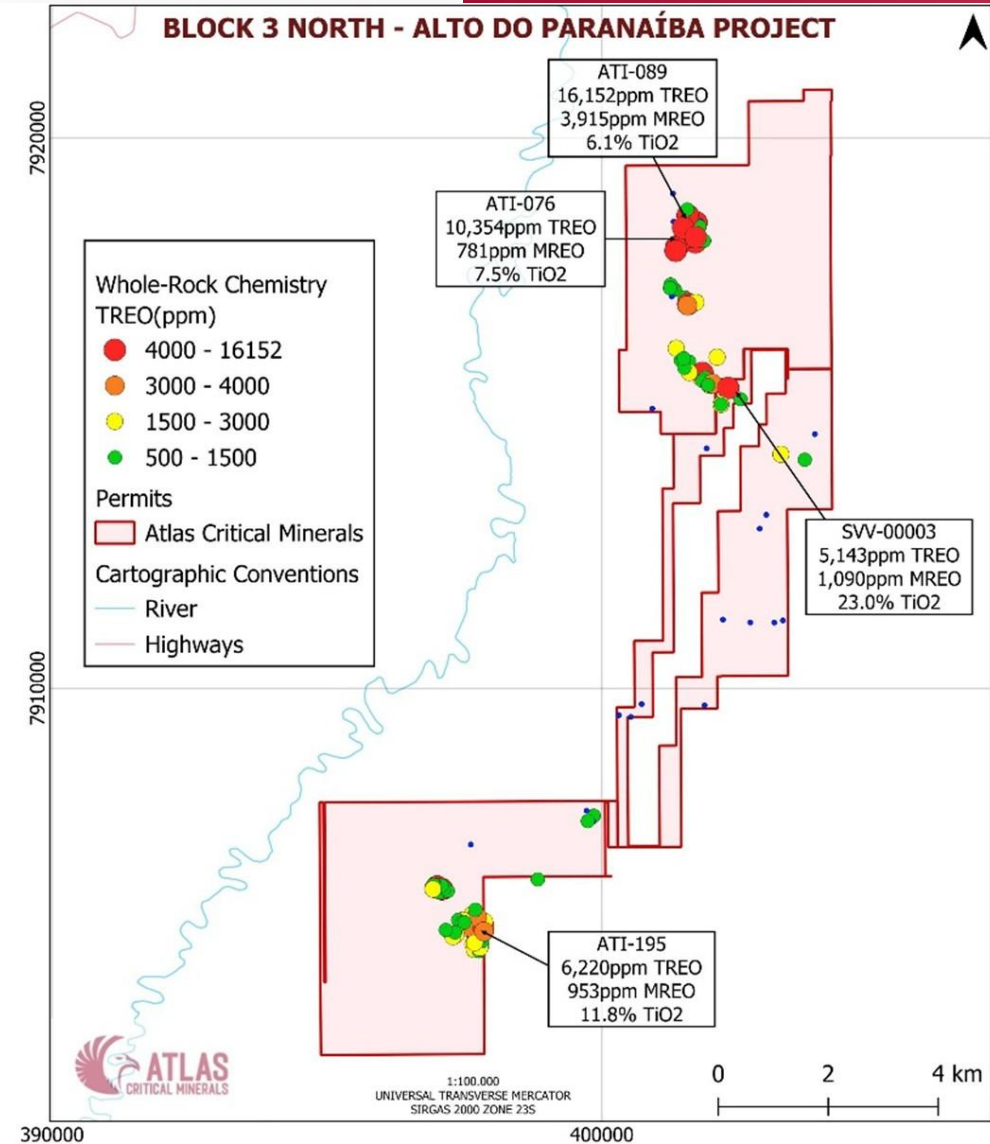
Average % of MREO to TREO grades
in the surface samples: **22%**



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

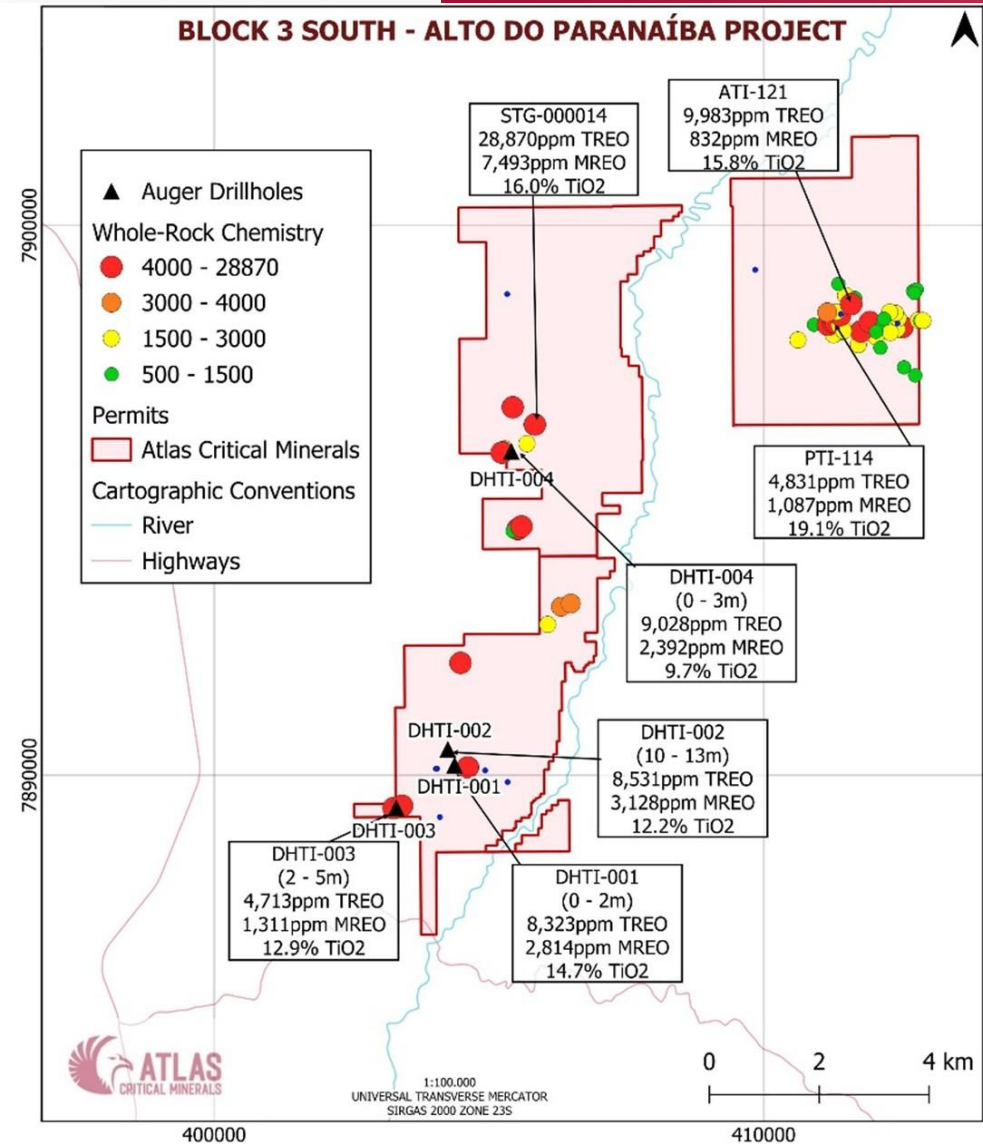
ALTO PARANAÍBA PROJECT (APP) BLOCK 3 North

- Block 3 North representative TREO and TiO₂ sample grades



ALTO PARANAÍBA PROJECT (APP) BLOCK 3 South

- Block 3 South representative TREO and TiO₂ sample grades





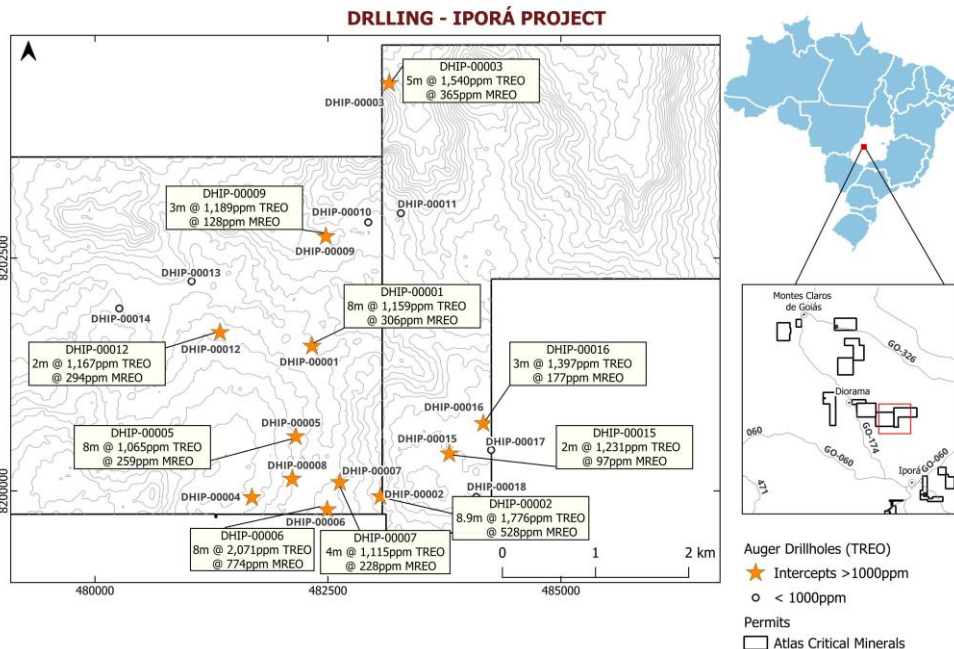
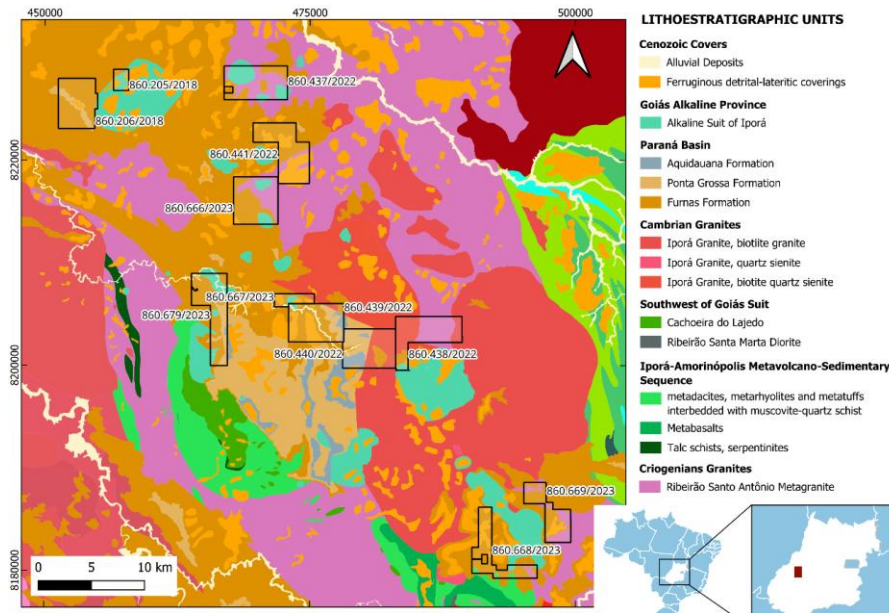
Iporá Project

Rare Earths

IPORÁ PROJECT

PROVEN REGION FOR RARE EARTHS

- ✓ 18,615 hectares (46,000 acres) across 12 mineral rights in Western Goiás State
- ✓ High-grade drilling intercepts including 8m at 2,071 ppm TREO and 774 ppm MREO in DHIP-0006
- ✓ Extensive mineralized zones with multiple drillholes exceeding 1,000 ppm TREO across 8-11 meter near-surface intervals
- ✓ Strategic location advantage: Goiás State hosts Serra Verde, one of the only integrated rare earths operations outside Asia
- ✓ Favorable geology: Iporá Alkaline Complex creating optimal conditions for ionic clay deposits



IPORÁ PROJECT

Outstanding Initial Processing Results

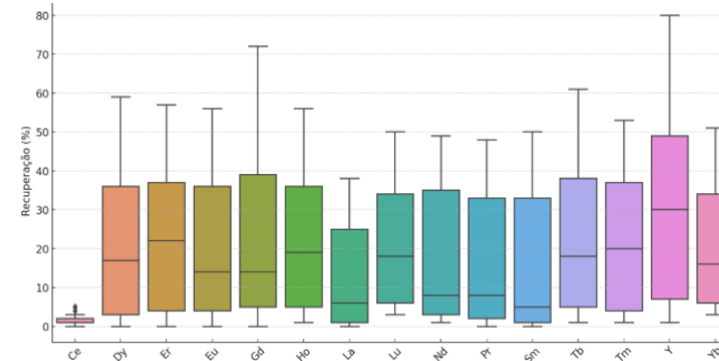
Strong Recovery Rates Achieved *

- ✓ MREO recovery rates exceeding 60% for critical permanent magnet elements
- ✓ Heavy Rare Earth Oxides (HREO): 55% recovery
- ✓ recovery
- ✓ TREO: 36% reYttrium: 63% covery under standard conditions

Diversified Portfolio Strategy

- ✓ Complementary to Alto Paranaíba Project: Two distinct rare earth deposit types
- ✓ Reduced geological risk through multiple deposit styles
- ✓ Enhanced development optionality: Ionic clay offers simpler processing with lower capital requirements

* Recoveries based on samples with 25% total TREO recovery cut-off



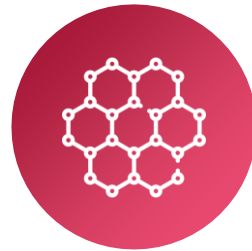
Leaching tests at 0,5M ammonium sulfate at ambient conditions, pH4, 4mm

A reasonable number of samples showed total rare earth oxide (TREO) recoveries exceeding 30%.

MREO (Nd, Pr, Dy, and Tb) achieving recovery rates of up to 60%.

Variability tests is being conducted using new sample sets, under the following experimental conditions:

- Particle size screening at 4 mm with leaching at pH 4 (standard condition)
- Particle size screening at 4 mm with leaching at pH 2
- Particle size screening at 1 mm with leaching at pH 2



Minas Gerais Project

Graphite

GRAPHITE

- ✓ Strategic portfolio of several mineral rights in Minas Gerais and Bahia, Brazil
- ✓ Prime position in critical minerals market as graphite demand soars for EV batteries
- ✓ Industry forecast: 97 new flake graphite mines needed by 2035
- ✓ SGS-authored Property of Merit report for Minas Gerais graphite project under Regulation SK-1300 was published on August 14, 2025 and filed with the SEC



Minas Gerais Project

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



FLAKE-SHAPED GRAPHITE AND GRAPHITE SCHIST OUTCROP

MINAS GERAIS PROJECT

MINAS GERAIS GRAPHITE PROJECT

Samples head grade. Source: SGS Report 4181-2503

CHEMICAL COMPOSITION OF THE ORIGINAL SAMPLES														
SAMPLE	C-Graph %	LOI %	Al ₂ O ₃ %	BaO %	Cr ₂ O ₃ %	Fe ₂ O ₃ %	K ₂ O %	MgO %	MnO %	P ₂ O ₅ %	SiO ₂ %	SrO %	TiO ₂ %	V ₂ O ₅ %
SMAL - 00001	15,4	19,4	13,1	0,04	0,03	3,24	1,31	0,35	0,01	0,05	62,3	0,02	0,72	0,09
SMAL - 00002	3,24	13,5	21,3	0,07	0,02	6,65	0,64	<0,1	0,02	0,14	56,9	0,02	1,32	0,06
SMAL - 00003	1,71	10,3	13,6	0,04	<0,01	5,43	0,34	<0,1	0,05	0,12	69,3	0,02	1,22	0,04
SMAL - 00004	11,1	15,2	16,1	0,11	0,05	3,56	2,12	0,28	<0,01	0,06	62,4	0,02	0,85	0,09
SMAL - 00005	11,5	14,2	13,7	0,11	0,03	1,78	2,26	0,31	<0,01	0,09	68,1	0,02	0,67	0,11
SMAL - 00006	12,2	15,1	12,7	0,13	0,02	1,53	2,09	0,24	0,01	0,08	68,5	0,04	0,70	0,09
SMAL - 00007	13,4	17,4	14,5	0,15	0,02	4,76	2,01	0,28	0,02	0,11	61,1	0,02	0,93	0,06
SMAL - 00008	11,3	14,8	15,4	0,09	0,02	1,93	2,30	0,32	0,01	0,07	65,1	0,02	0,72	0,09
SMAL - 00009	1,89	10,7	19,9	0,04	0,03	18,1	0,48	0,28	0,04	0,26	50,1	0,02	1,20	0,05

MINAS GERAIS GRAPHITE PROJECT

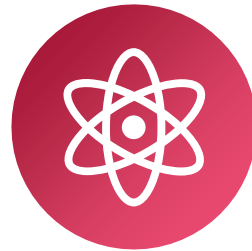
Final Product. Source: SGS Report 4181-2503

Size interval (μm)	C-Graph (%) SMAL-00001	C-Graph (%) SMAL-00009
+300	93,0	-
-300+180	96,6	93,8
-180+150	94,5	95,3
-150+75	93,1	97,7
-75	91,3	93,0
CONC CLN V EXP	91,9	96,5

MINAS GERAIS GRAPHITE PROJECT

Final Product. Floated material and filtered material after vacuum filtration.





URANIUM

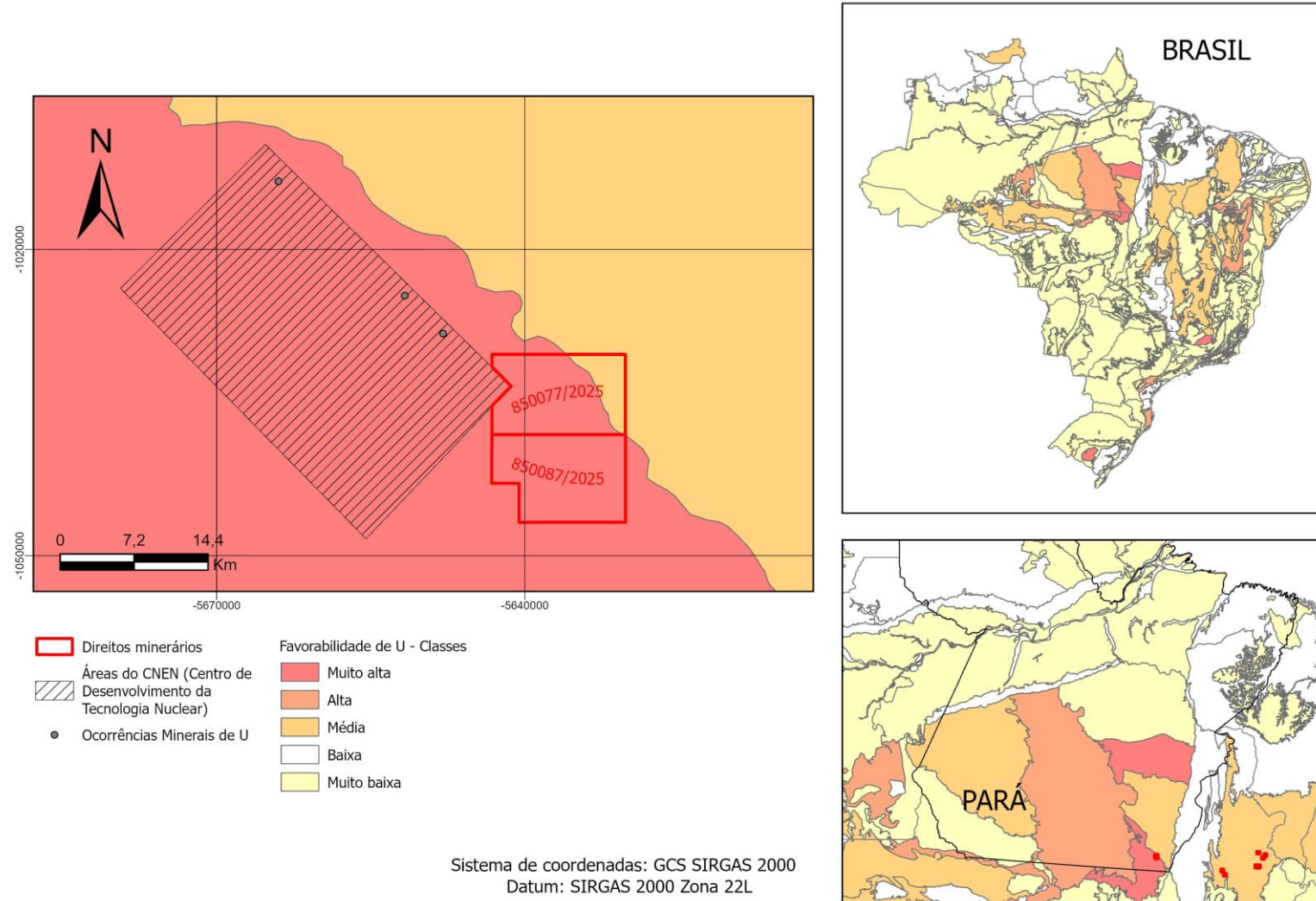
URANIUM

- **Portfolio:** 143,725 hectares across 39 mineral rights in Bahia, Ceará, Goiás, Piauí, Pará, and Tocantins states in Brazil
- **Operational 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
- **Future Positioning:** Potential legislative changes, aligning with long-term critical minerals strategy

URANIUM

- ✓ Atlas Critical Minerals secured areas next/close to areas delineated by INB as restricted due to uranium deposits

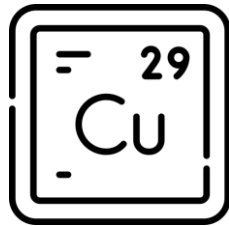
URANIUM FAVORABILITY MAP - STATE OF PARÁ



APPENDIX

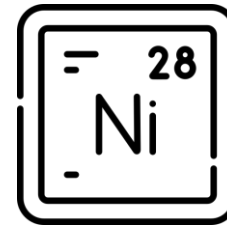
OTHER **CRITICAL MINERALS** HOLDINGS

PRE-EXPLORATION STAGE



Copper

7,156 Hectares



Nickel

1,101 Hectares

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 SK-1300 issued report showed 7,852,912 tons of iron ore reserves with 32% Fe average grade; laboratory tests achieved 64.8% Fe product
- ✓ All needed permits secured for 300,000 tons/year extraction, allowing immediate operations



LEGACY BUSINESS - QUARTZITE

EXAMPLES OF BLOCKS PRODUCED AT
OUR QUARTZITE QUARRY



POLISHED QUARTZITE SLAB FROM OUR
QUARTZITE QUARRY PRODUCTION



INVESTOR RELATIONS:



Brian W. Bernier

Vice President, Investor Relations

+1-833-661-7900

brian.bernier@atlas-cm.com

www.atlascriticalminerals.com

[@Atlas_Crit_Min](https://twitter.com/Atlas_Crit_Min)

[LinkedIn](#)