



NASDAQ: ATCX

Unlocking Brazil's Critical Minerals Potential



Brief Corporate Presentation
September 2026

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Investment Highlights



Largest Portfolio of Critical Minerals

- ▶ Controls 218,000+ hectares of high-potential mineral rights in Brazil including:
 - ▶ Rare Earths
 - ▶ Titanium
 - ▶ Graphite
 - ▶ Uranium



High-Quality Project Pipeline

- ▶ High-potential rare earths projects located in the states of Minas Gerais and Goiás
- ▶ Rare earths samples with grades up to 28,870+ ppm TREO
- ▶ Maiden graphite MRE: 24.2 Mt, incl. 17.2 Mt Indicated at 5.73% Cg – South America's largest graphite resource
- ▶ Multiple projects advancing in parallel, led by graphite with a defined resource



Geopolitical Importance

- ▶ China controls 90%+ of the world's rare earths processing capacity
- ▶ The U.S. defense sector is highly dependent: e.g. building a submarine requires over 4 tons of rare earths
- ▶ Brazil is a neutral jurisdiction with the world's 2nd largest rare earths reserves after China



Team with Proven Track Record

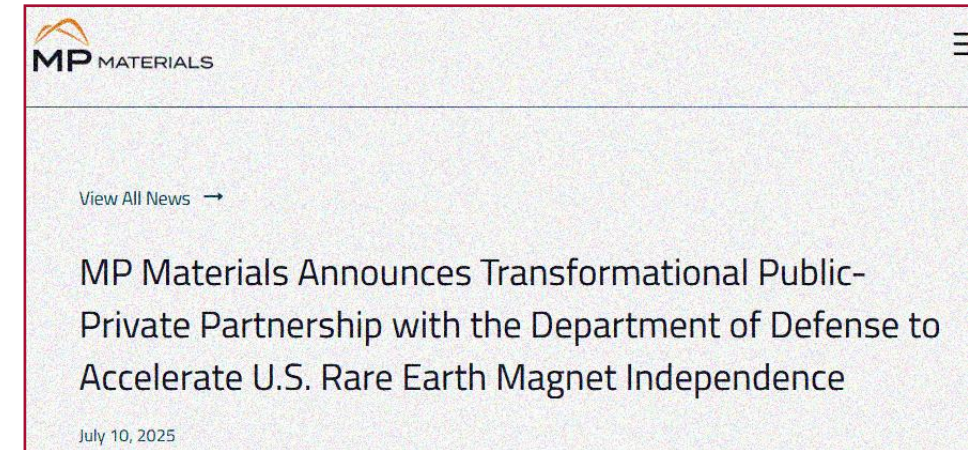
- ▶ Team with extensive Brazilian mining expertise
- ▶ Demonstrated ability to advance projects from exploration to production
- ▶ Track record includes Atlas Lithium's uplisting to Nasdaq; securing Tier 1 global strategic partnerships

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



Key Stock Highlights

NASDAQ: ATCX

Share Price	\$3.15
Outstanding Shares	5.11M
Market Capitalization	\$16.1M
52-week High	\$14.01
52-week Low	\$2.57

ANALYST COVERAGE

Firm	Analyst	Recommendation	Target Price
	Jake Sekelsky	Buy	\$42.00
	Heiko Ihle, CFA	Buy	\$13.75
	Ashok Kumar, PhD, CFA	Buy	\$15.00



MANAGEMENT TEAM



Marc Fogassa
Chairman & CEO

- ▶ 20+ years of 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



Virgilio Santiago
*Chief Financial Officer
& Treasurer*

- ▶ 20+ years of experience in mining sector corporate finance
- ▶ Previously served as CFO of a large-scale nickel project (CAPEX ~US\$1 billion), with expertise in project finance and international lender negotiations
- ▶ Former Senior Auditor at Deloitte Touche Tohmatsu; held CFO and Head of Finance roles across major multinational firms including SNC-Lavalin, Boart Longyear, and Ausenco



James Schloffer
Chief Technical Officer

- ▶ 15+ years of process engineering across rare earths, graphite, uranium, and iron ore
- ▶ Experience with major operators including Fortescue, Rio Tinto, and Deep Yellow Ltd
- ▶ Direct rare earths plant optimization experience at Northern Minerals' Browns Range operation in Australia
- ▶ Previously Senior Process Engineer for Sigma Lithium in Brazil's Minas Gerais state



Eduardo Queiroz
*Project Management
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



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

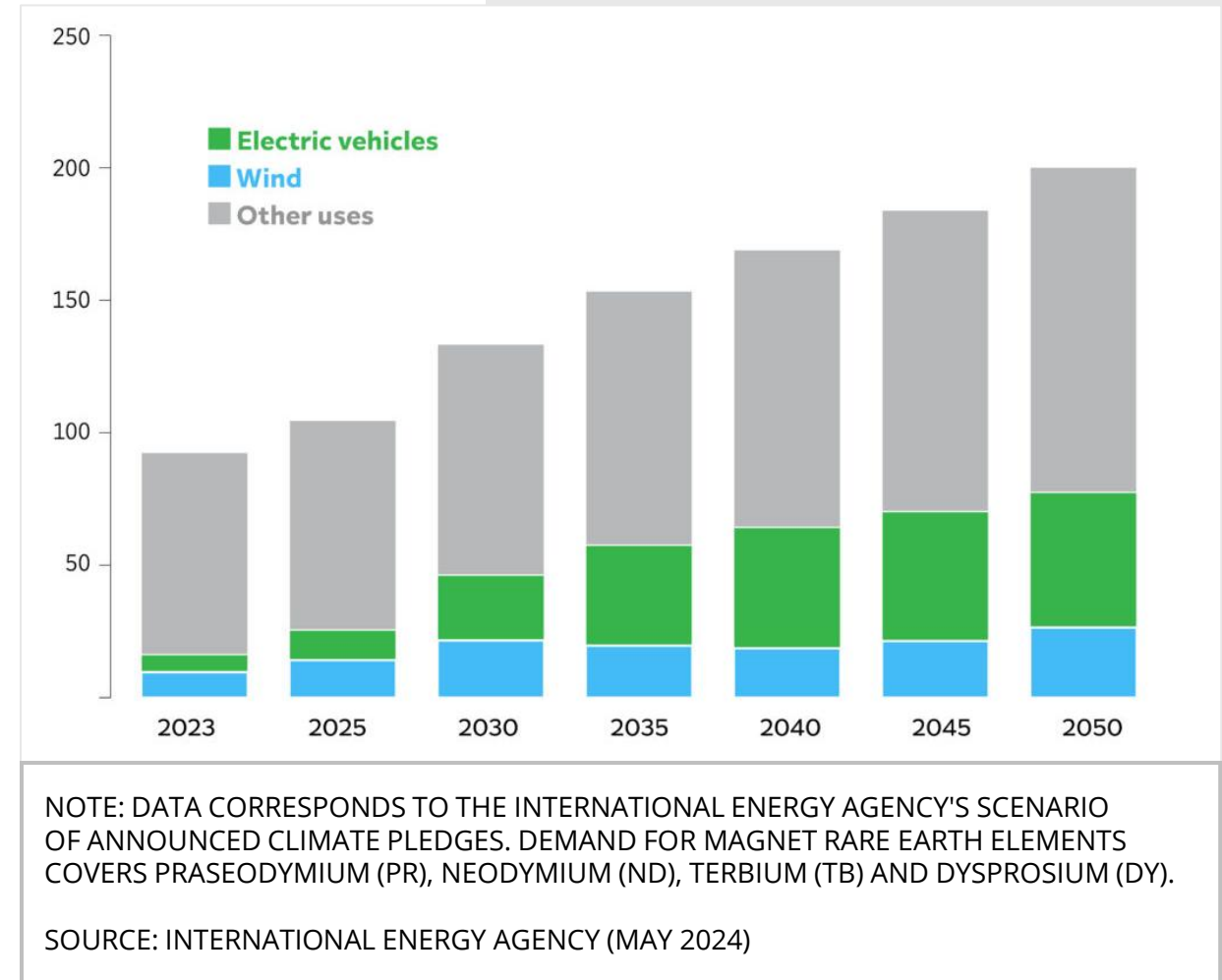


Rare Earths & Titanium

Rare Earths Demand

Geopolitical Context

- ▶ Global demand for magnet rare earth elements (Nd, Pr, Dy, Tb) 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



Rare Earths

Diversified Portfolio

- ▶ **53,939 hectares across 33 mineral rights** in Minas Gerais and Goiás
- ▶ Two primary project areas: **Alto Paranaíba Project** (Minas Gerais) and **Iporá Project** (Goiás)
- ▶ **Diversified rare earths portfolio strategy:** two distinct rare earth deposit types; reduced geological risk; enhanced development optionality
- ▶ **Strong initial results reported**
- ▶ SGS is a premier global mineral evaluation company; SGS geologists serve as QPs for our Rare Earths projects
- ▶ SGS-authored **SK-1300 Property of Merit** report for Alto Paranaíba project was published on August 14, 2025
- ▶ SGS-authored **SK-1300 Property of Merit** report for Iporá project was published on October 3, 2025



REE

RARE EARTHS



Alto Paranaíba 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 (Caldeira)	Viridis (Colossus)	Aclara Resources (Carina)
	NASDAQ: ATCX	ASX: BRE	ASX: MEI	ASX: VMM	TSX: ARA
Project Metrics	2,000+ Mt (Projected)	510 Mt (2023)	1,497 Mt (2025)	493 Mt (2025)	284 Mt (2025)
Average Overall Grade	3,157 ppm TREO + 12.7% Titanium	1,513 ppm TREO	2,359 ppm TREO	2,508 ppm TREO	1,430 ppm TREO
MREO Grade	759 ppm / 26% to TREO	~425 ppm / 28% to TREO	526 ppm / 22.3% to TREO	601 ppm / 24% to TREO	313 ppm MREO



Sources: Publicly-available reports from Brazilian Rare Earths, Meteoric, Viridis, and Aclara Resources



Alto Paranaíba Project

Rare Earths & Titanium

Alto Paranaíba Project Initial Drilling

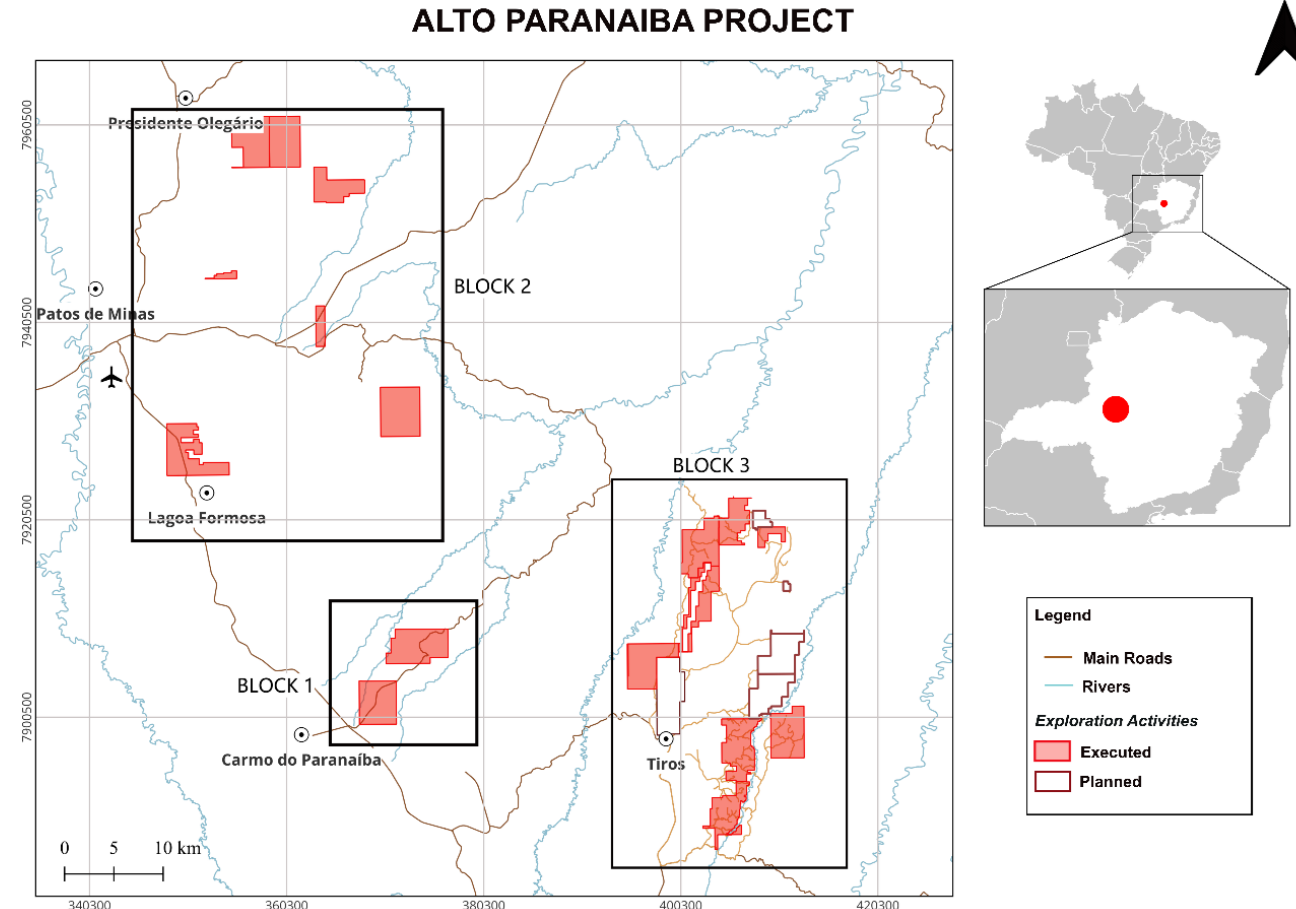
11 Auger Drillholes Produced Material for Mineralogical Tests



Alto Paranaíba Project (APP)

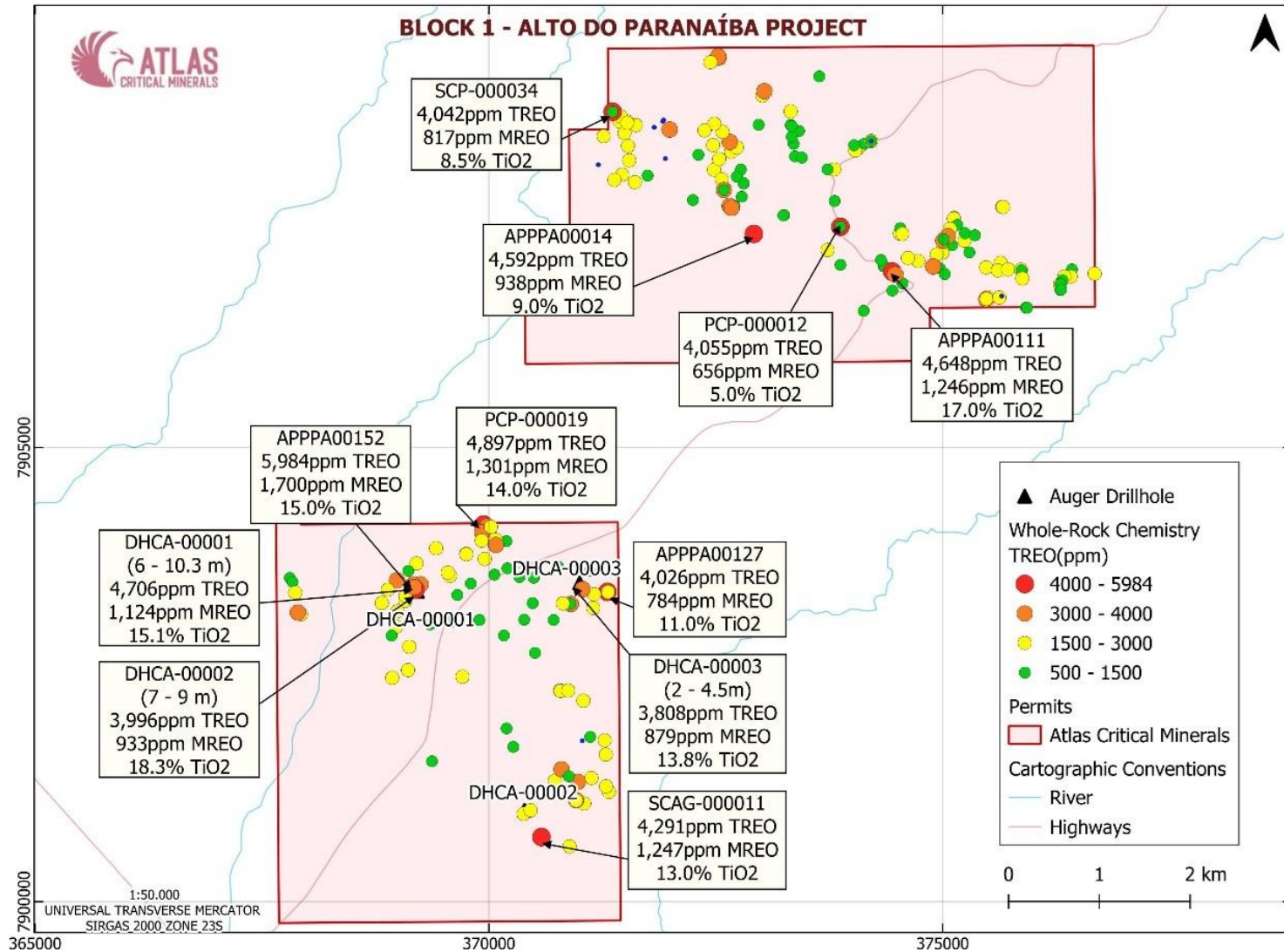
Highlights

- ▶ **21 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% TiO₂**



Alto Paranaíba Project (APP)

Block 1 - Surface Sampling Campaign Results

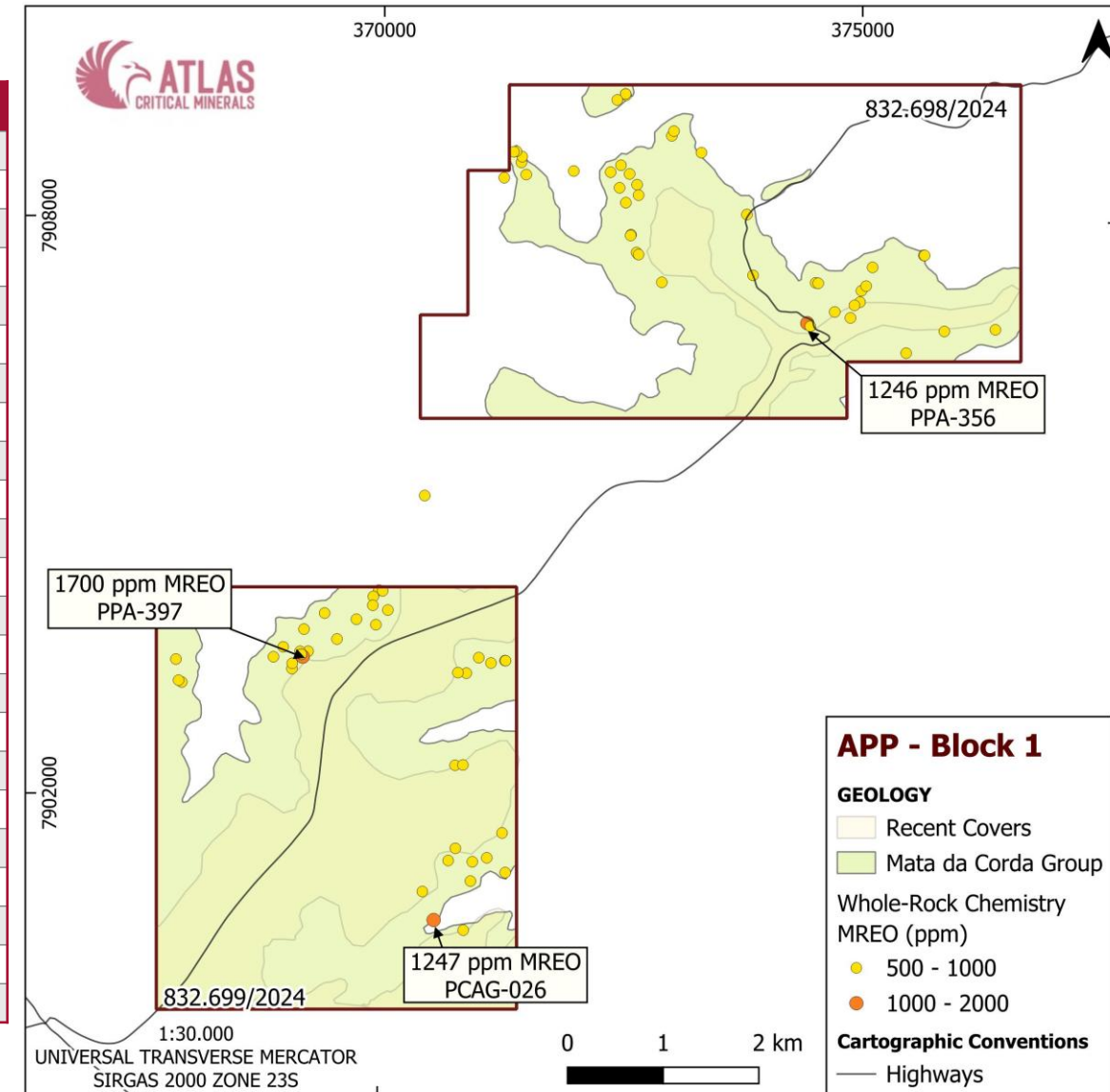


Block 1 – High MREO Averages

MREO Average: 23%

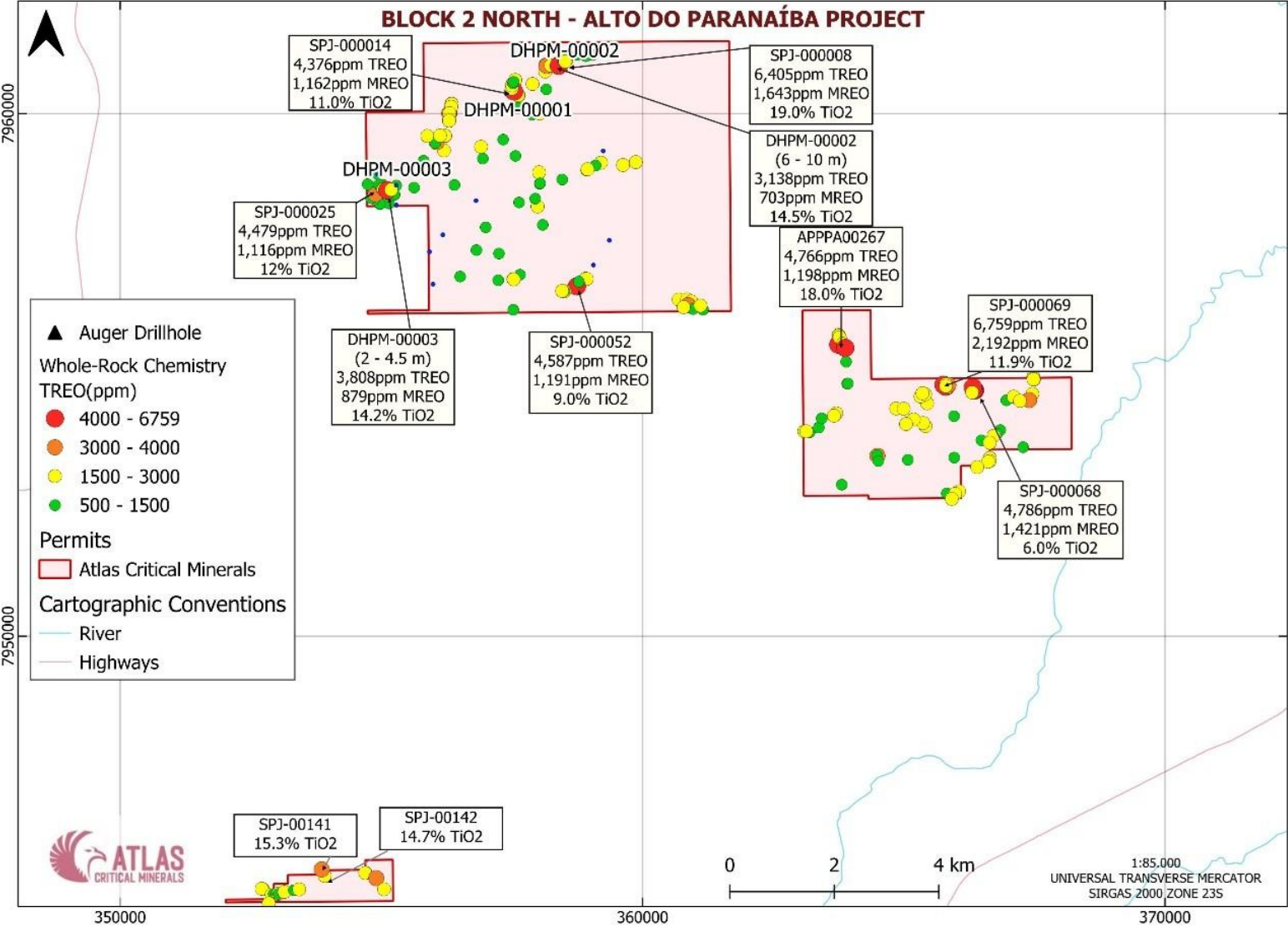
Sample ID	MREO (ppm)	TREO (ppm)	% M/TREO
APPPA00152	1700	5984	28
SCAG-000011	1247	4291	29
APPPA00111	1246	4648	27
APPPA00150	999	3931	25
PCP00003	993	3859	26
SCP00024	949	3729	25
APPPA00014	938	4592	20
SCP00040	927	3895	24
SCP00039	920	3789	24
APPPA00135	884	3282	27
SCP00037	882	3389	26
APPPA00003	877	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

MREO: Nd + Pr + Dy + Tb



Alto Paranaíba Project (APP)

Block 2 North - Surface Sampling Campaign Results



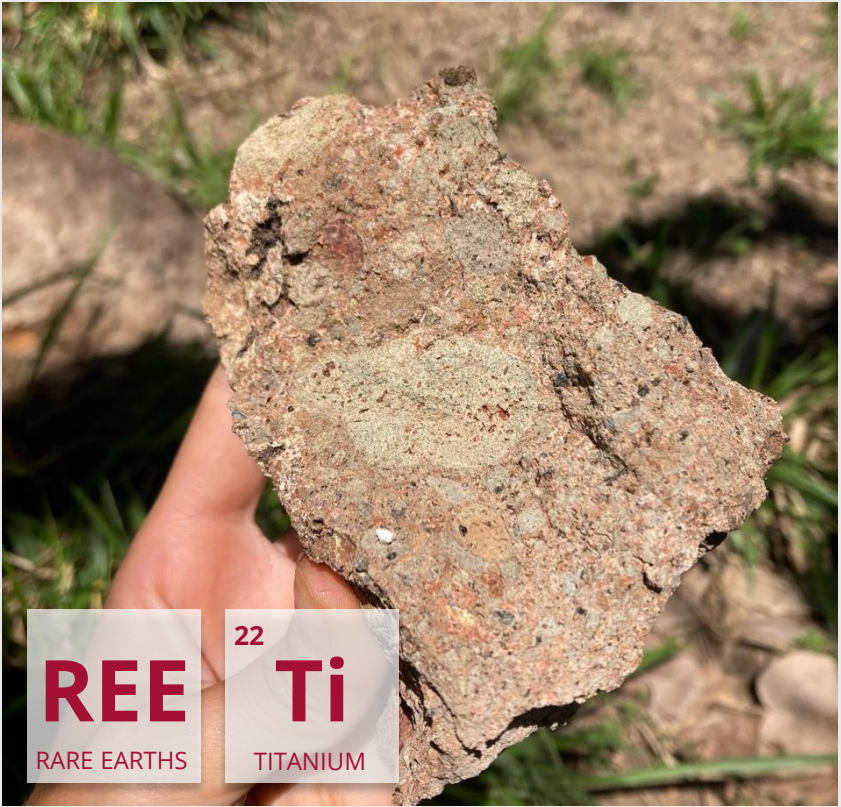
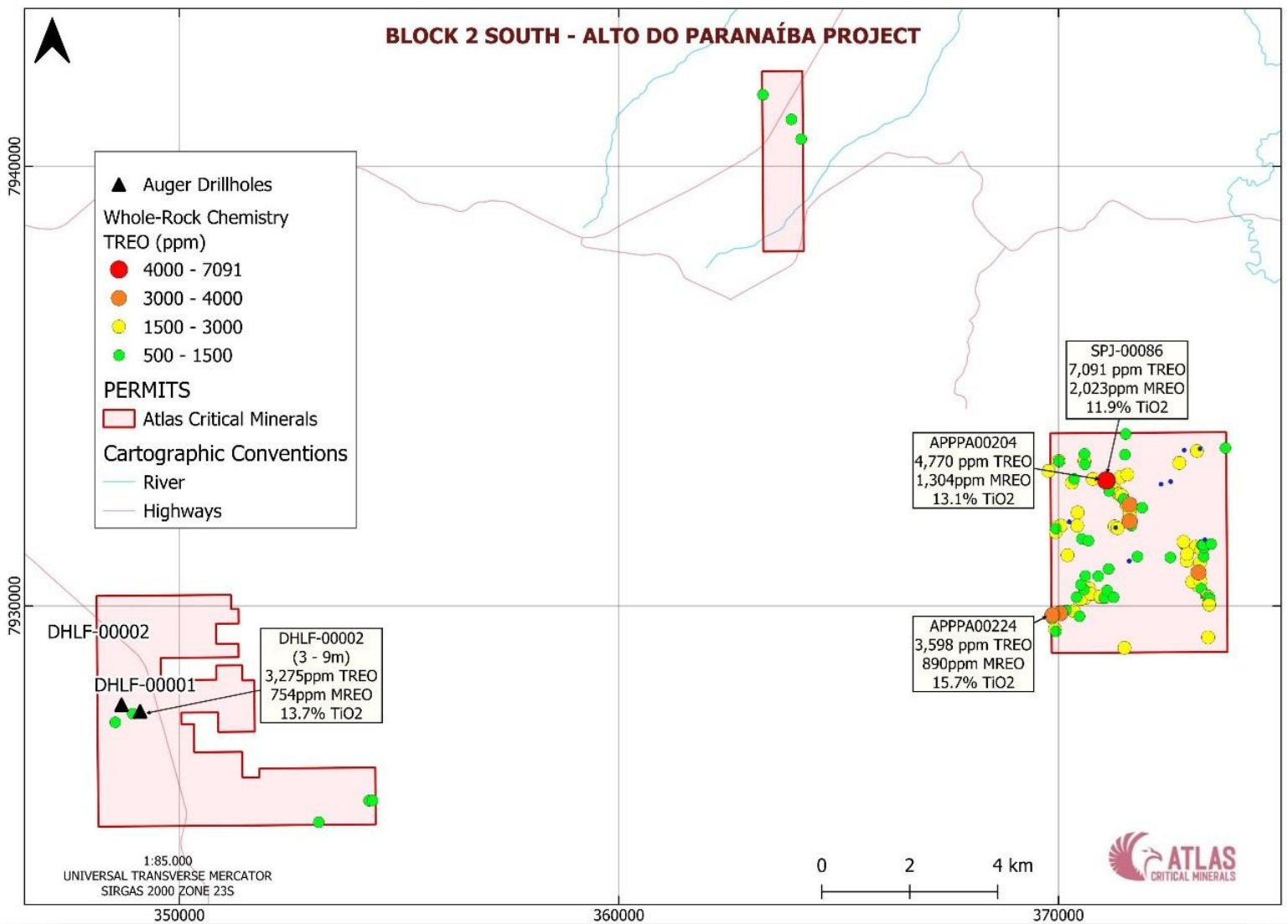
REE
RARE EARTHS

22 Ti
TITANIUM



Alto Paranaíba Project (APP)

Block 2 South - Surface Sampling Campaign Results



REE

RARE EARTHS

22

Ti

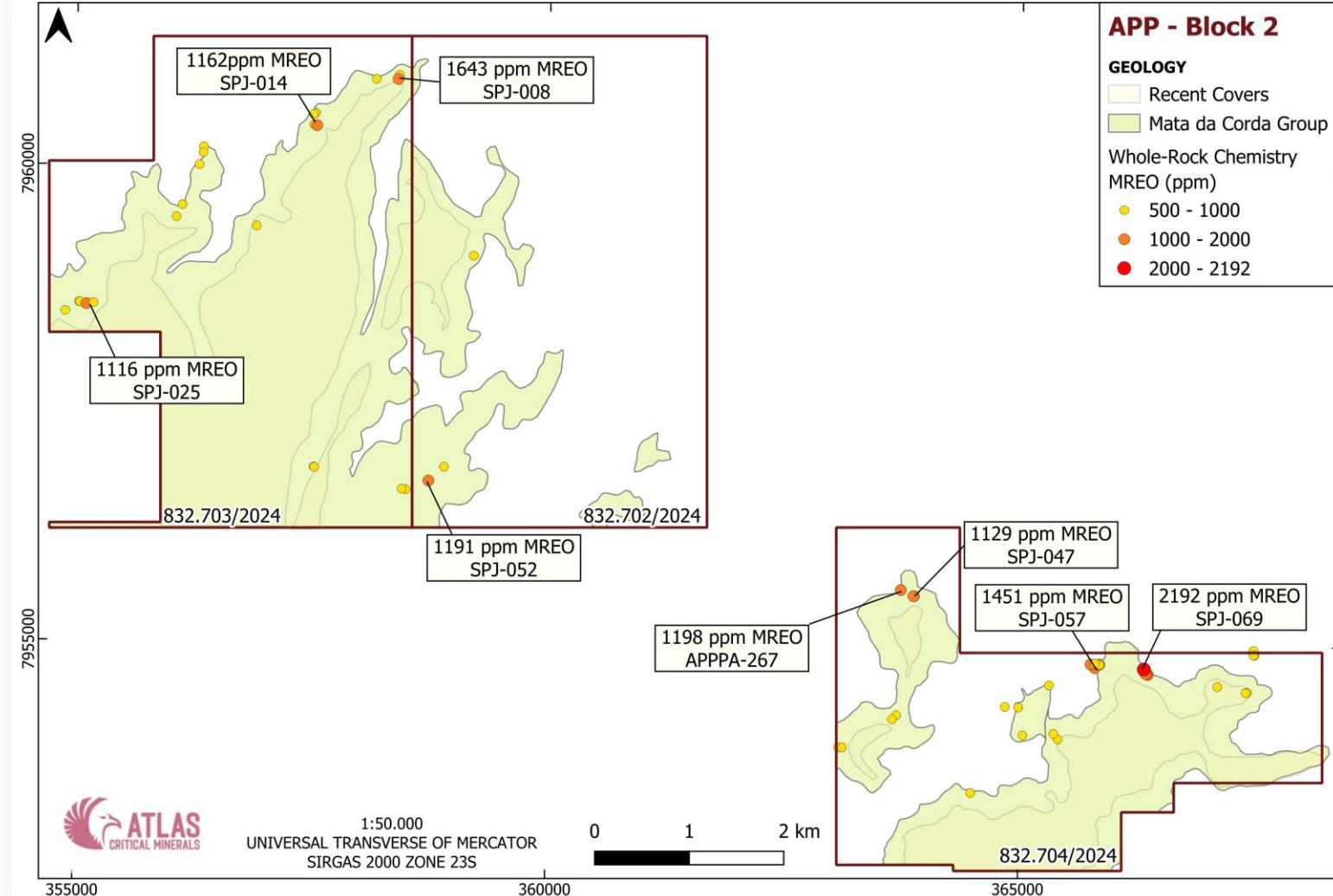
TITANIUM

Block 2 – High MREO Averages

MREO Average: 22%



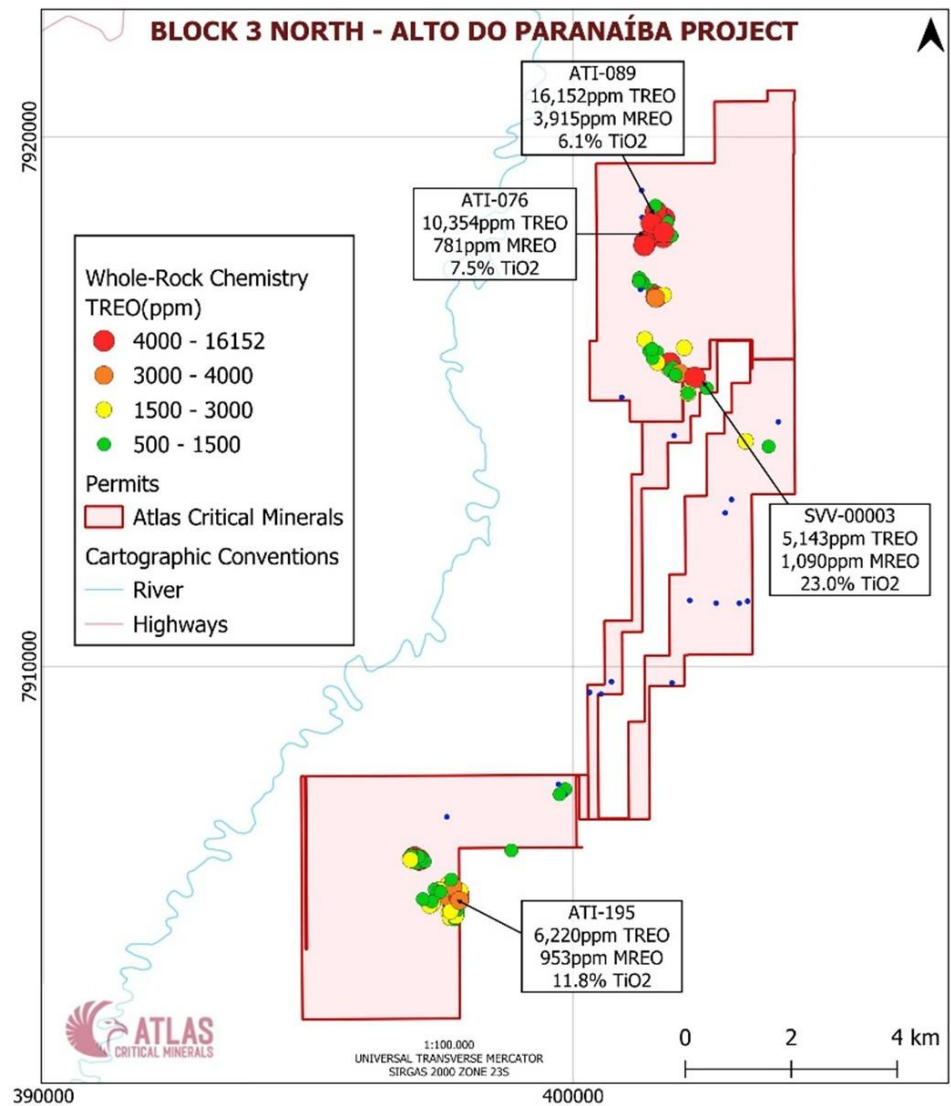
Sample ID	MREO (ppm)	TREO (ppm)	% M/TREO
SPJ-000069	2192	6759	32
SPJ-000008	1643	6405	26
SPJ-000057	1451	4538	32
SPJ-000068	1421	4786	30
SPJ-000064	1248	4742	26
SPJ-000066	1236	4376	28
SPJ-000059	1226	4717	26
APPPA00267	1198	4766	25
SPJ-000052	1191	4587	26
SPJ-000014	1162	4395	26
SPJ-000047	1129	4352	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



MREO: Nd + Pr + Dy + Tb

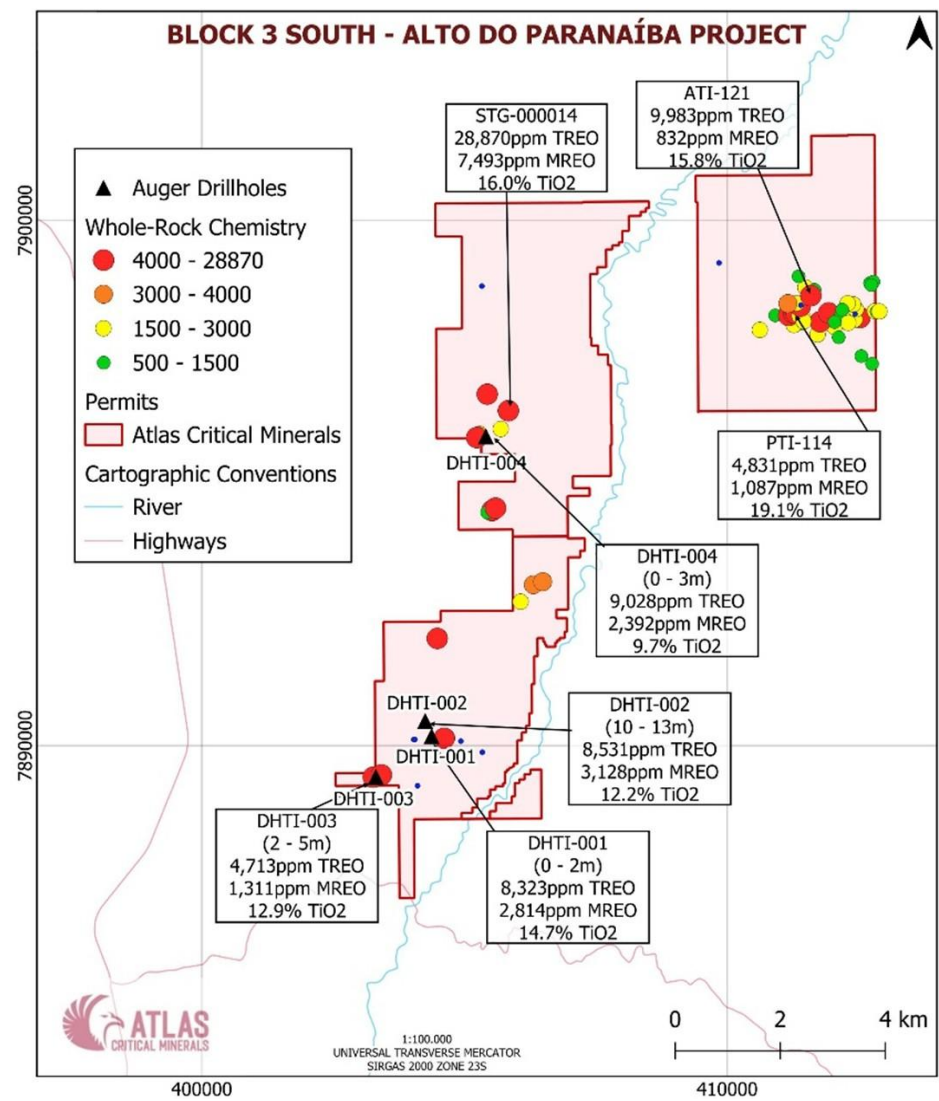
Alto Paranaíba Project (APP)

Block 3 North - Surface Sampling Campaign Results



Alto Paranaíba Project (APP)

Block 3 South - Surface Sampling Campaign Results



REE
RARE EARTHS

22 Ti
TITANIUM

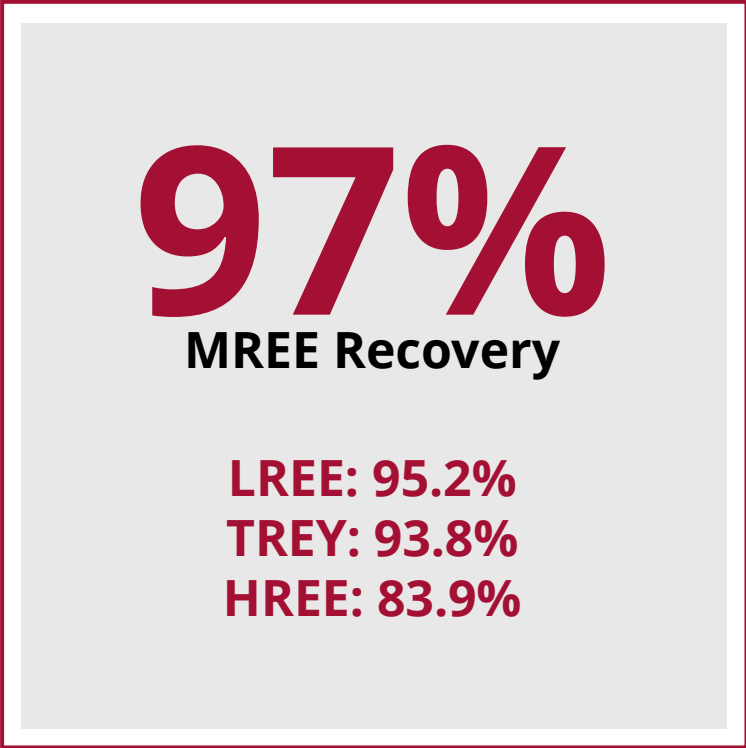


Alto Paranaíba Project (APP)

Outstanding Metallurgical Recovery Results



- ▶ Initial testwork achieves **up to 97% extraction** for Magnetic Rare Earths Elements (MREE) using the Altilium Ti/REE Process™
- ▶ Light Rare Earth Elements (LREE): **95.2% extraction**
- ▶ Total Rare Earths plus Yttrium (TREY): **93.8% extraction**
- ▶ Heavy Rare Earth Elements (HREE): **83.9% extraction**
- ▶ **Titanium concentration upgrade:** 97% of TiO₂ to leach residue (13.4% → 26.0%)



Testing at **SGS Canada Inc.**, a premier global mineral evaluation company

Test	TREY	LREE	MREE	HREE
Leach 1 (Direct)	57.7%	57.1%	62.1%	63.4%
Leach 2 (Roasted)	93.8%	95.2%	97.0%	83.9%

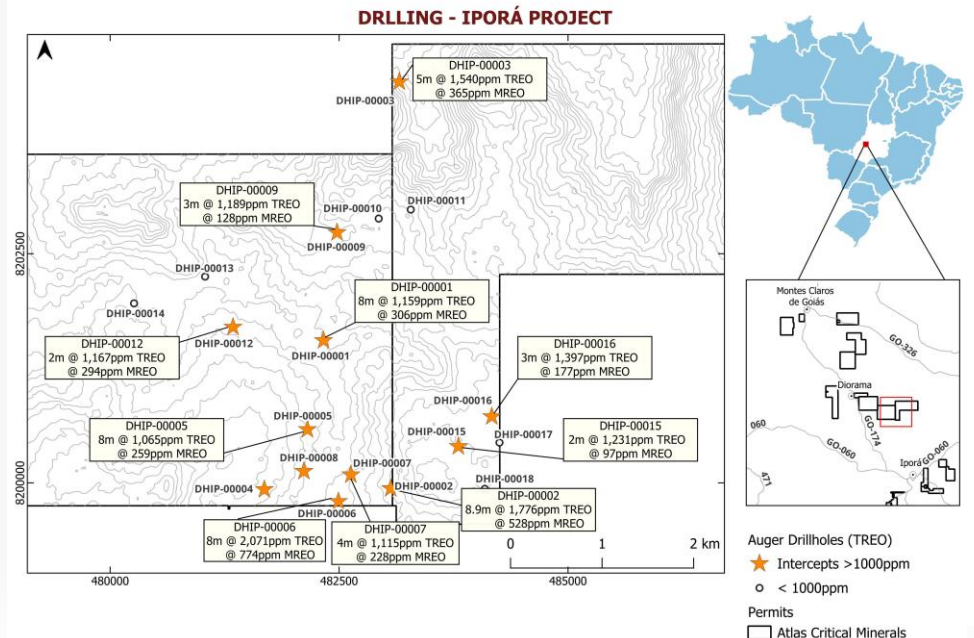


Iporá Project

Rare Earths

Proven Region For Rare Earths

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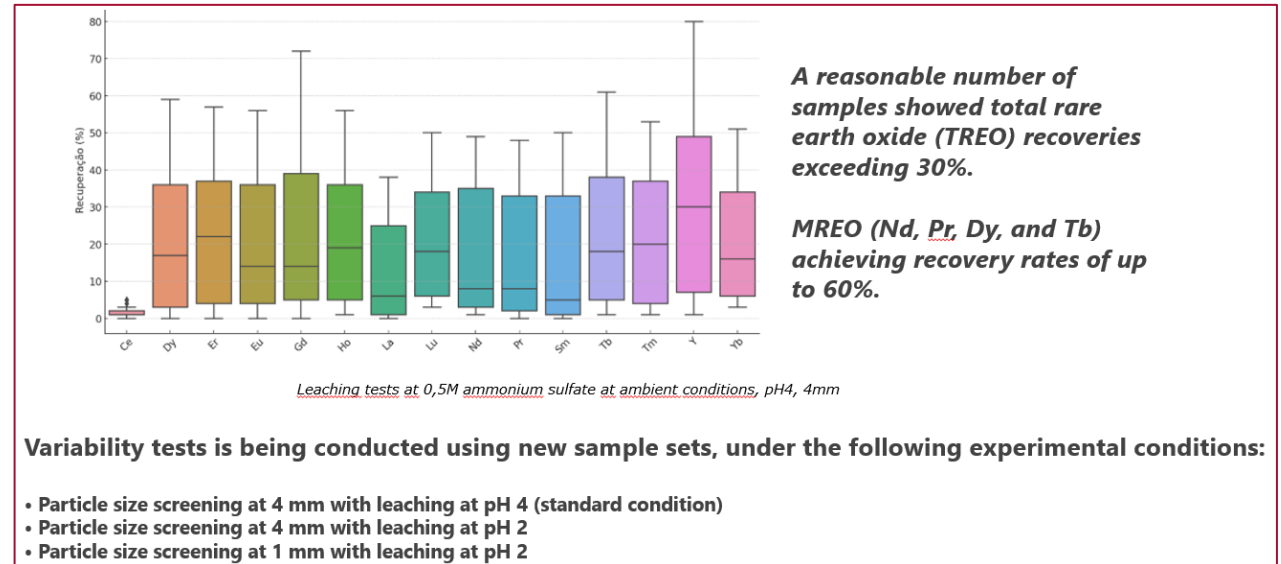


Iporá Project

Outstanding Initial Processing Results



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



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



Malacacheta Project

Graphite

Graphite



- ▶ **Strategic portfolio** of mineral rights in Minas Gerais and Bahia, Brazil
- ▶ **Maiden MRE (Sept. 2026):** 24.2 Mt, including 17.2 Mt Indicated at 5.73% Cg
- ▶ **Qualified by a U.S. laboratory** for EV batteries and nuclear reactors
- ▶ **97 new graphite mines** needed by 2035 (Benchmark Mineral Intelligence)



Malacacheta Project

2,822 hectares across three contiguous tenements

~11-km graphite corridor

Maiden Mineral Resource Estimate



24.2 Mt

Total resource, Indicated + Inferred

5.73% Cg

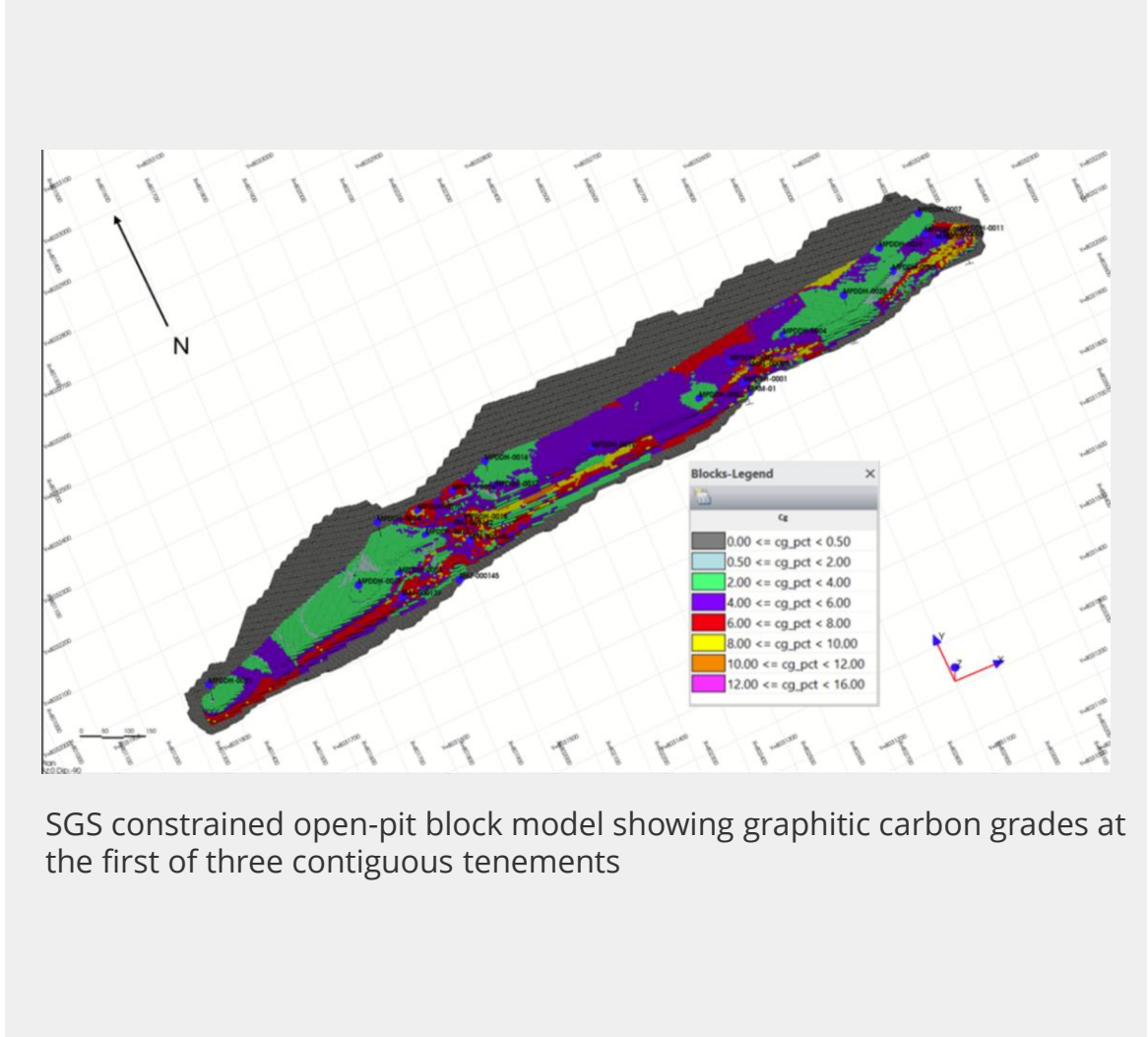
Indicated grade, ~25% above the largest known U.S. deposit

~1.36 Mt

Contained in-situ graphite

Category	Tonnage (Mt)	Grade (% Cg)	Contained Cg (t)
Indicated	17.2	5.73	~986,000
Inferred	7.0	5.40	~378,000

2.0% Cg cut-off; effective September 14, 2026. Prepared independently by SGS under S-K 1300.



SGS constrained open-pit block model showing graphitic carbon grades at the first of three contiguous tenements

South America's Largest Graphite Resource



- ▶ **100% drill success:** all 21 diamond core holes returned significant graphite intercepts
- ▶ **Near-surface** mineralization amenable to open-pit mining
- ▶ Only **~2.5 km of the ~11-km corridor** drilled; open along strike and at depth

By contained graphite, among South American projects reported under S-K 1300, NI 43-101 or JORC (Company review).

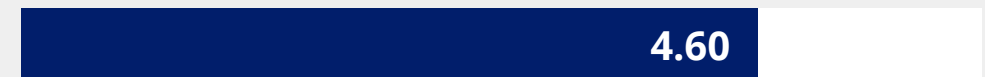
Higher grade than the largest known U.S. deposits

Malacacheta's Indicated grade is **~25% above Graphite Creek** and **nearly double Kilbourne**

Malacacheta, Brazil – Indicated



Graphite Creek, Alaska – M&I



Kilbourne, New York – Inferred

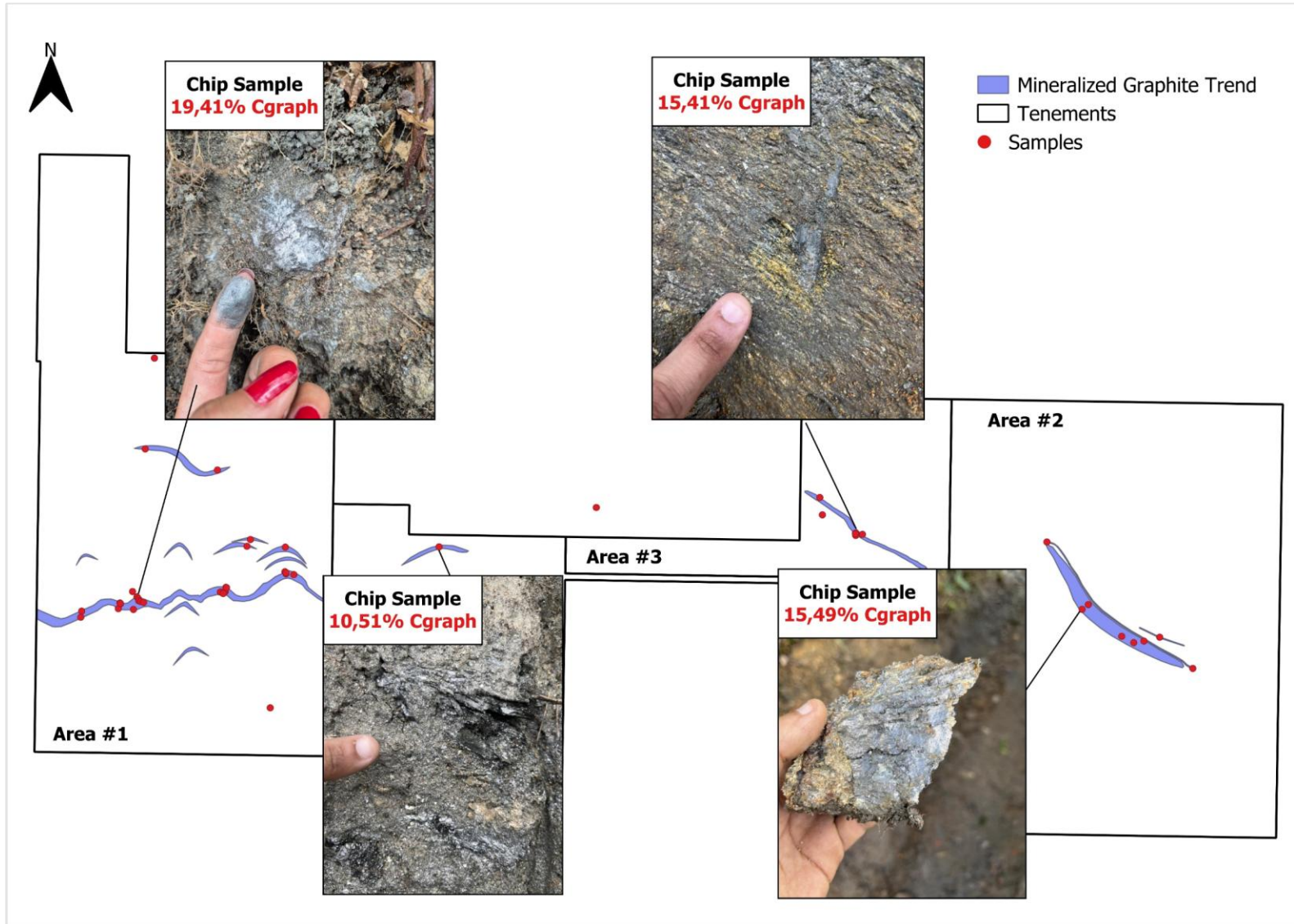


¹ Comparison of graphitic carbon grade (% Cg)

² Graphite Creek is the largest known U.S. flake graphite deposit (USGS); 2.0% Cg cut-off

³ Kilbourne: NI 43-101, 1.5% Cg cut-off.

11-Kilometer Graphite Corridor



~11 km

graphite corridor across three contiguous tenements

~2.5 km

drilled to define the maiden MRE

~8.5 km

untested along the same trend

High-Quality Large-Flake Graphite Deposit



Graphite at surface



Large-flake graphite

Graphite Concentrate

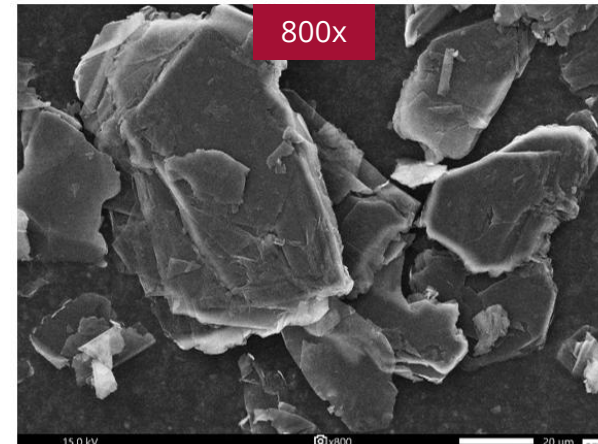
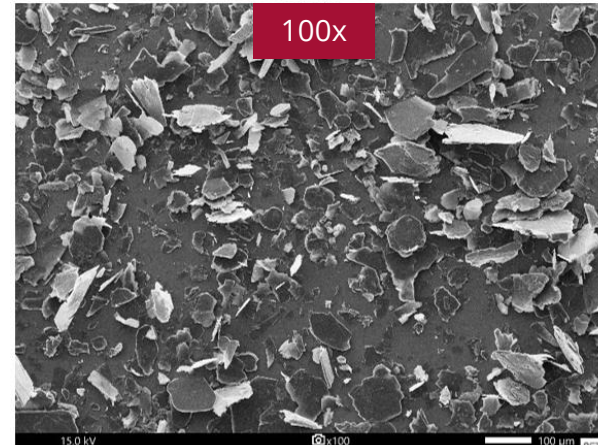


Qualified by a U.S. graphite laboratory for
use in EV batteries and nuclear reactors

Nuclear-Grade Graphite Confirmed



- ▶ **Independent U.S. laboratory testing achieved exceptional 99.9995% carbon purity** – meeting stringent nuclear-grade specifications and positioning Malacacheta graphite for ultra-premium market applications
- ▶ **Robust crystalline flake structure confirmed** – SEM analysis shows thick, clean flake particles (~5 μm) comparable to premium Chinese deposits, with BET surface area (0.89 m^2/g) competitive with global industry leaders
- ▶ **10-15x premium pricing opportunity** – nuclear-grade graphite commands \$25,000-\$35,000 per tonne versus \$2,000-\$2,400 for standard high-quality flake graphite



Scanning Electron Microscopy images at 100x and 800x magnification showing clean, pure crystalline flake structure





Uranium

Uranium

- ▶ **Portfolio:** 143,725 hectares across 39 mineral rights in Bahia, Ceará, Goiás, Piauí, Pará, and Tocantins states in Brazil
- ▶ **Highly strategic areas secured** next/close to areas delineated by INB as restricted due to uranium deposits
- ▶ **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

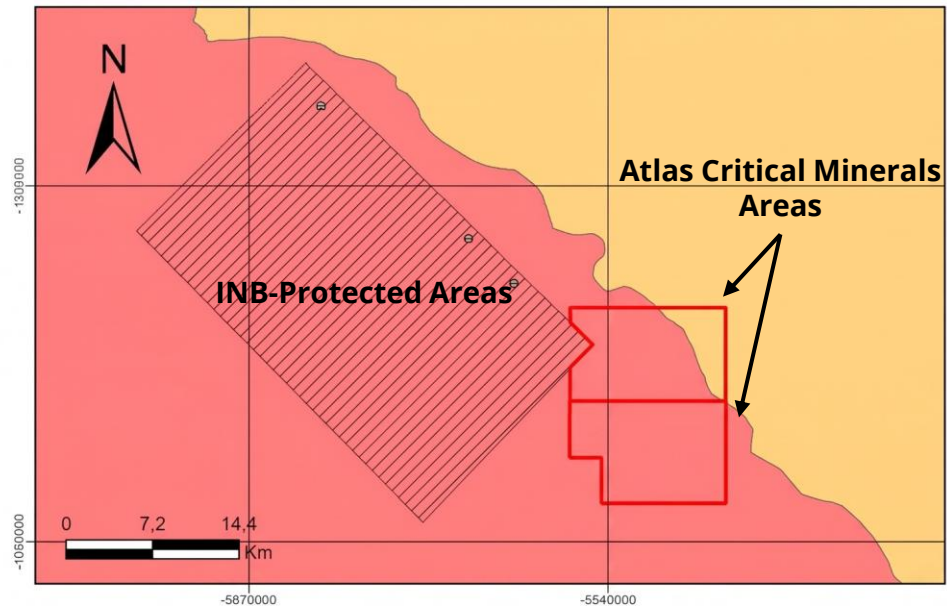
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URANIUM

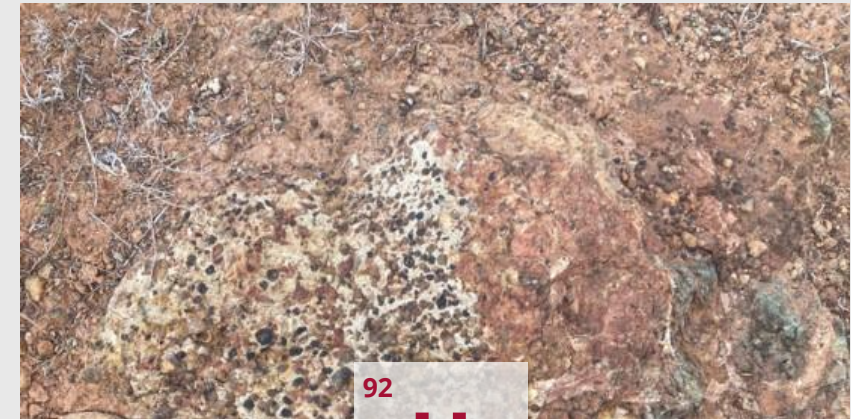
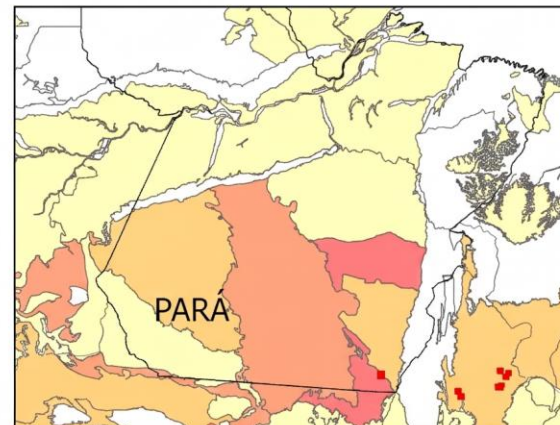
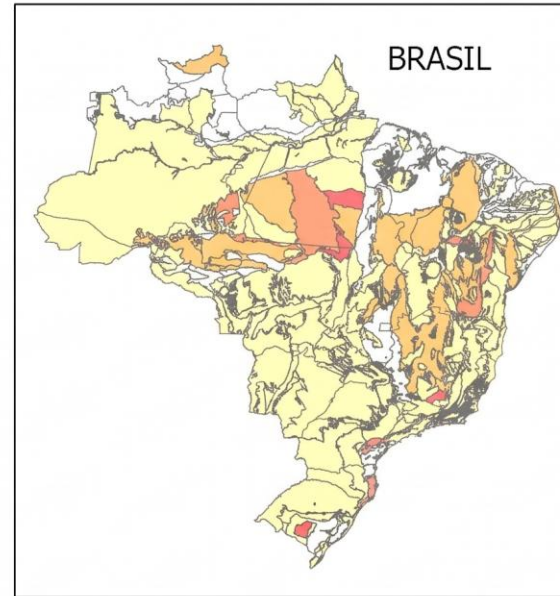


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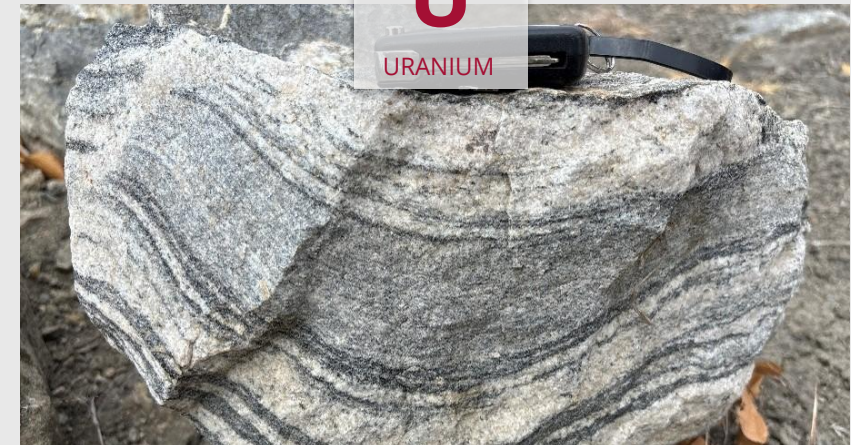


- Direitos minerários
 - Áreas do CNEN (Centro de Desenvolvimento da Tecnologia Nuclear)
 - Ocorrências Minerais de U
- Favorabilidade de U - Classes**
- Muito alta
 - Alta
 - Média
 - Baixa
 - Muito baixa

Sistema de coordenadas: GCS SIRGAS 2000
Datum: SIRGAS 2000 Zona 22L



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URANIUM





Corporate Upside

Corporate Upside

- ▶ **Multiple near-term value catalysts** across diversified project portfolio with staggered development timelines
- ▶ Rare Earths market transformation underway: **Pentagon's historic \$400M investment** in MP Materials. Atlas Critical Minerals controls Brazil's **largest Rare Earths portfolio** with **dual deposit types** enhancing development optionality
- ▶ **Maiden MRE at Malacacheta: 24.2 Mt**, incl. 17.2 Mt Indicated at 5.73% Cg – **South America's largest graphite resource**; nuclear-grade potential confirmed (99.9995%)
- ▶ **SK-1300 Mineral Resource Estimate delivered for Graphite**; Rare Earths technical reports filed; systematically advancing multiple assets through the mining study cycle toward development decisions
- ▶ **Strategic uranium portfolio** across 39 mineral rights positioned for potential legislative reform in Brazil



Investor Relations

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