Investor Presentation

OTCQB: ATLX

November 2022

Forward-Looking Disclaimer

This presentation contains, or incorporates by reference, “forward-looking information” within the meaning of applicable U.S. securities legislation. Forward-looking information may include, but is not limited to, statements with respect to the future performance of Atlas Lithium Corporation and its subsidiaries (together, “Atlas Lithium” or the “Company”), the Company’s mineral properties, the future price of lithium and other minerals, the mineralization of the Company’s properties, results of exploration activities and studies, the realization of mineral resource estimates, exploration activities, costs and timing of the development of new deposits, the results of future exploration and drilling, management’s skill and knowledge with respect to the exploration and development of mining properties in Brazil, the Company’s ability to raise adequate financing; government regulation of mining operations and exploration operations, timing and receipt of approvals and licenses under mineral legislation, and environmental risks. Although Atlas Lithium has attempted to identify important factors that could cause actual actions, events or results to differ materially from those described in forward looking statements, there may be other factors that cause actions, events or results to differ from those anticipated, estimated or intended. Forward looking statements contained herein are made as of the date of this presentation. There can be no assurance that forward-looking statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Information in this presentation relating to other companies are from their sources believed to be reliable but that have not been independently verified by the Company. Note that sampling results are not necessarily representative of mineralization of a project. Readers are cautioned that these potential grades are conceptual in nature; there has been insufficient exploration by Atlas Lithium at its Minas Gerais Lithium Project to define a mineral resource or mineral reserve estimate. This presentation and any oral presentation accompanying it should not be considered as an offer or invitation to subscribe for or purchase any securities or as an inducement to make an offer or invitation with respect to any securities.

Qualified Person’s Statement

Unless otherwise indicated, the scientific and technical information in this presentation has been reviewed and approved by Volodymir Myadzel, PhD, who is a Qualified Person for Lithium in accordance with Item 1300 of the U.S.’s Regulation S-K. Dr. Myadzel is the Sr. VP, Geology for Atlas Lithium.

Atlas Lithium Overview

- **We are a mineral exploration company focused on lithium and other battery metals** critical to powering the green energy revolution
- **We own the largest hard-rock lithium mineral property portfolio in Brazil**, spanning 293 km^2
- **Drilling to date has indicated several high-quality lithium deposits**; top intersect grade = 3.26% Li_2O
- **In discussions with several large, global enterprises seeking lithium supply** (driven by EV battery demand)
- **Highly experienced management team** with blended experience in U.S. (finance, capital markets) with Brazil (geology, project development, government interface)
- **Clean cap table with no debt**
- **Additional strategic investments** in projects located within premier mineral producing regions

Comparables

Hard-Rock Lithium Companies

Company	Lithium Properties[1]	Revenues	Market Cap[2]
Sigma Lithium Resources Nasdaq: SGML	**46,471 acres** (Minas Gerais, Brazil)	None	**US$3.5 Billion**
Piedmont Lithium Nasdaq: PLL	**3,245 acres** (North Carolina, U.S.)	None	**US$1.1 Billion**
Atlas Lithium OTCQB: ATLX	**56,078 acres** (Minas Gerais, Brazil) **16,266 acres** (Rio Grande do Norte & Paraiba, Brazil)	None	**US$74 Million**

(1) Based on public company filings
(2) As of November 4, 2022

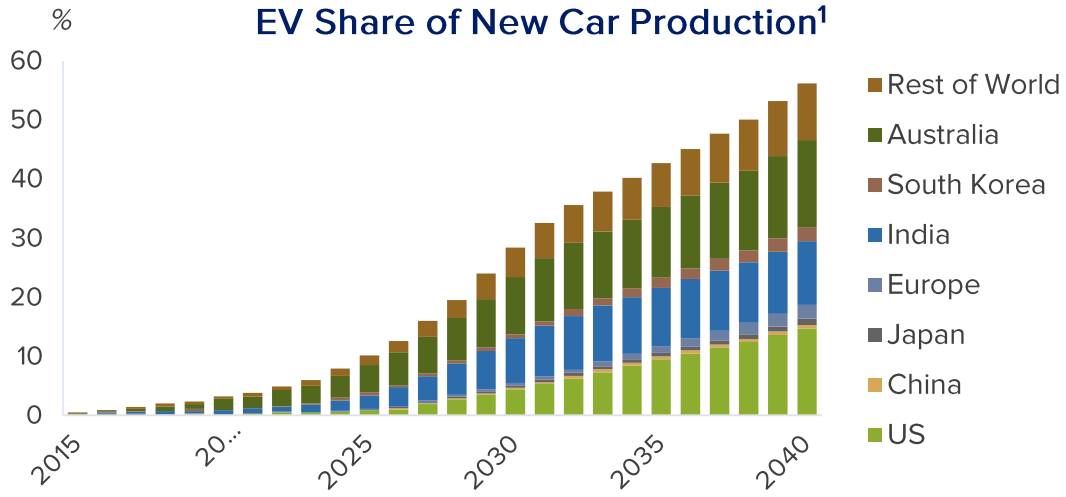
Lithium Market

Surging Demand = High Prices

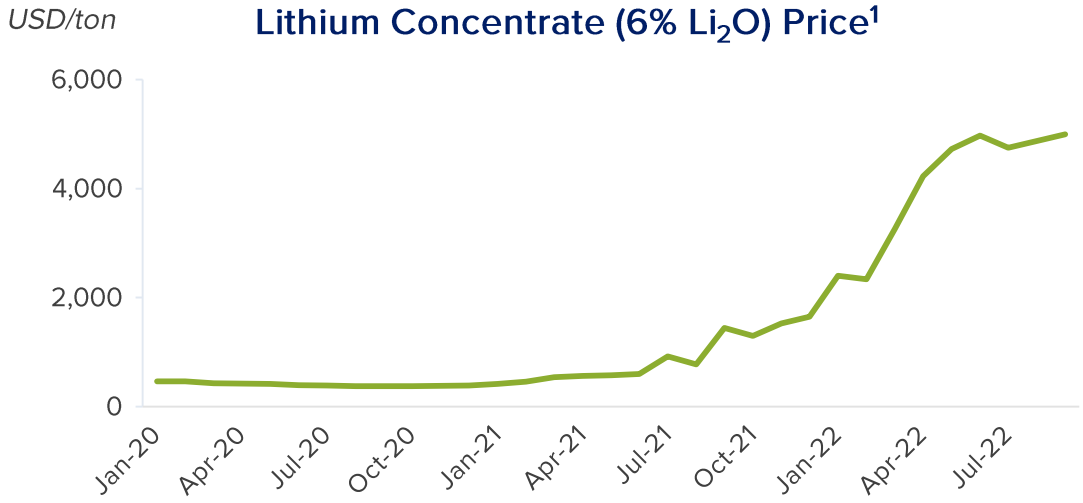
As a percentage of new car production, **electric vehicles (EVs) are expected to increase ~35% from 2021 – 2030**, driving continued lithium demand for EV batteries

Widespread EV adoption lifts demand for lithium, creating a favorable market for future sales of lithium concentrate yielded from Atlas Lithium's projects

EV Share of New Car Production[1]



Lithium Concentrate (6% Li_2O) Price[1]



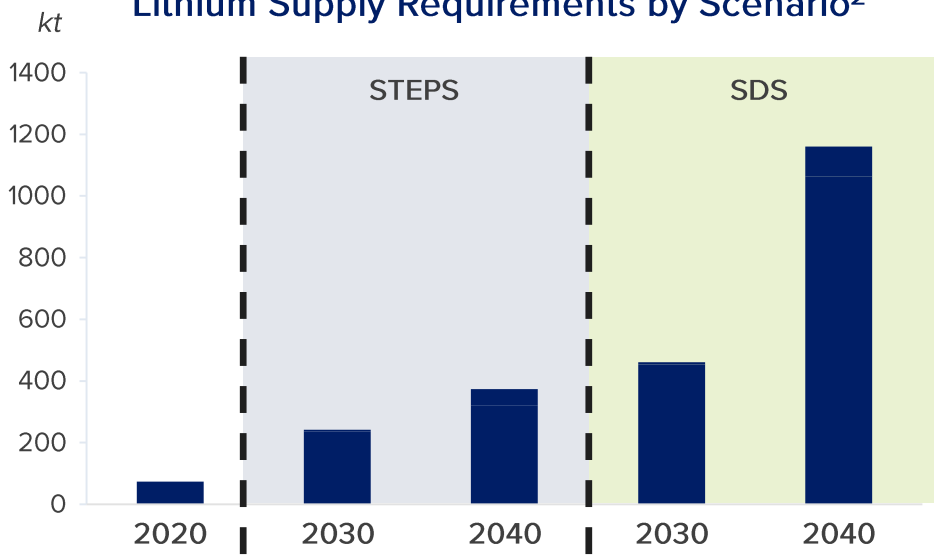
(1) Bloomberg LP

Lithium Supply Requirements

Accelerating EV Deployment and Demand Trajectories

- Lithium demand is growing at the fastest pace among major minerals, largely reflecting the dramatic increase in EV deployment
  - ➢ Automakers are increasing efforts to secure raw materials needed for making batteries as global demand for EVs rises
  - ➢ Lithium-ion batteries are attractive to EV manufacturers due to their lightweight nature, high density energy, and low cost
- Recent legislation is pushing major economies toward adopting zero-emissions vehicles in just over a decade
  - ➢ California, New York, and the EU each moved to effectively ban new sales of fossil fuel cars by 2035[1]
  - ➢ Satisfying battery metals demand for new government-backed sustainability goals will require significant additional lithium supply

Lithium Supply Requirements by Scenario[2]



STEPS = **Stated Policies Scenario,** an indication of where the energy system is heading based on a sector-by-sector analysis of today's policies and policy announcements

SDS = **Sustainable Development Scenario,** indicating what would be required in a trajectory consistent with meeting the Paris Agreement goals

(1) California Air Resources Board; New York State Office of the Governor; Reuters: EU Approves Effective Ban on New Fossil Fuel Cars From 2035
(2) IEA: *The Role of Critical Minerals in Clean Energy Transitions*

Projects & Properties

ATLAS LITHIUM

Battery Metals Portfolio
100%-Owned

- **Lithium** (2 projects)
  72,344 Acres (293 km²)
- **Nickel**
  54,950 Acres (222 km²)
- **Rare Earths**
  30,054 Acres (122 km²)
- **Titanium**
  22,050 Acres (89 km²)
- **Graphite**
  13,766 Acres (56 km²)

Gold-Focused
24%-Owned

JUPITER GOLD
OTCQB: JUPGF

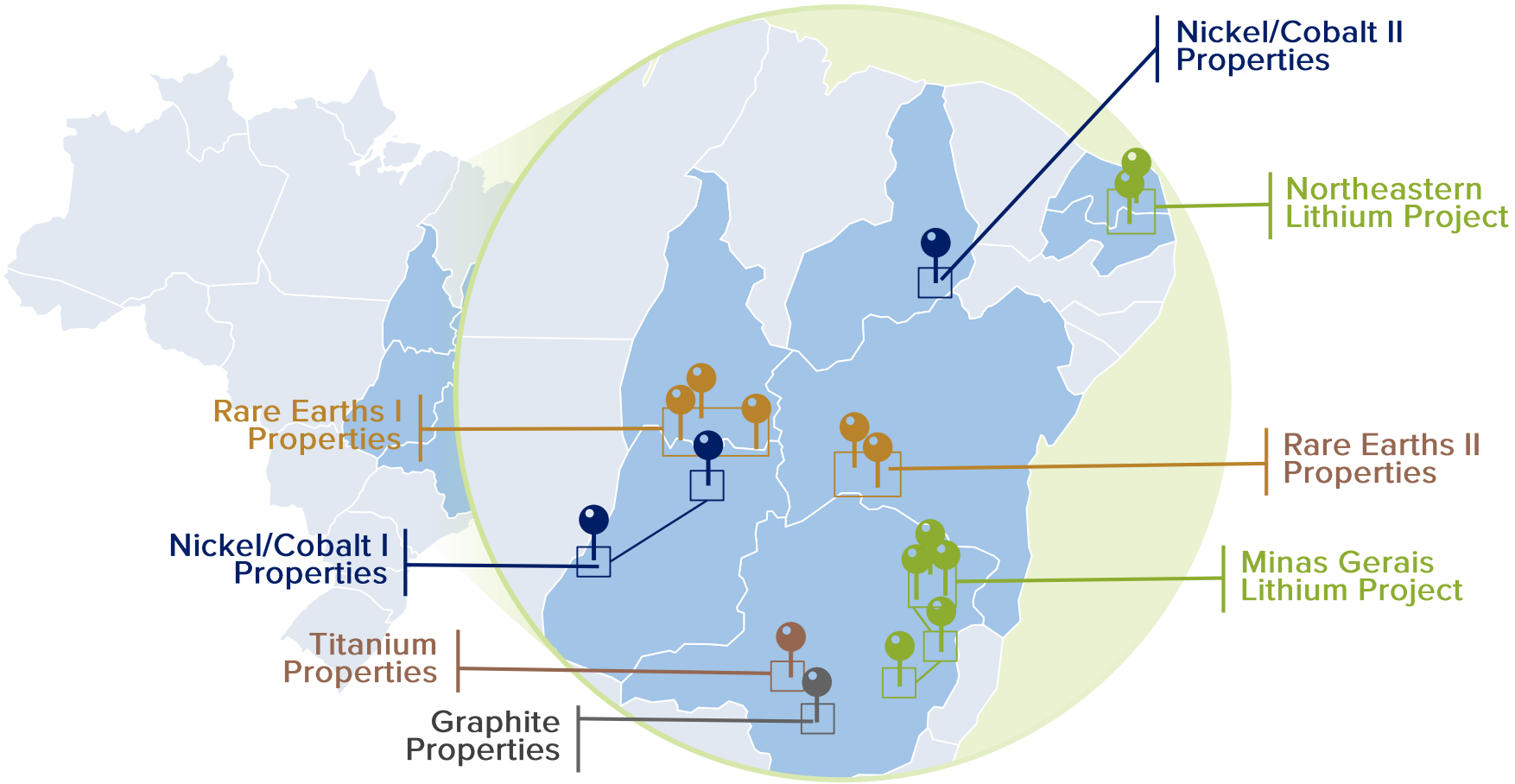
Iron-Focused
44%-Owned

APOLLO RESOURCES
Private

Battery Metals Exploration Portfolio

100% Owned by Atlas Lithium

- Lithium
- Nickel/Cobalt
- Rare Earths
- Graphite
- Titanium



Minas Gerais Lithium Project

- **Our flagship Minas Gerais Lithium Project encompasses 52 mineral rights (227 km^2)** in and around the municipalities of Araçuaí and Itinga, a well-known district for lithium

- Currently drilling one of our mineral rights, the Neves Area, where 20 pegmatite outcrops have been identified thus far

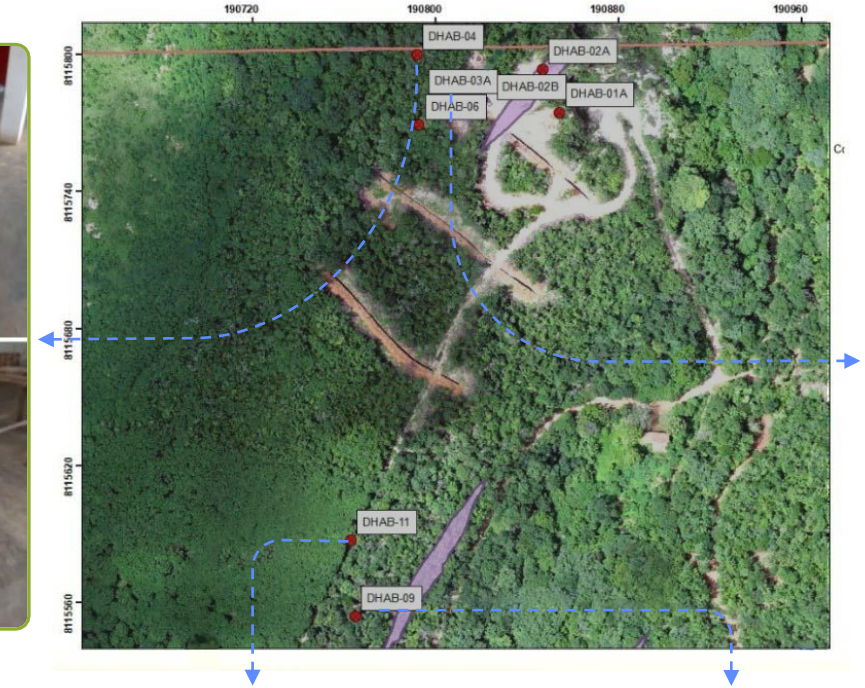
  ➢Drilling in some of these targets has yielded intersects of up to 3.26% Li_2O

- A processing study at SGS-Geosol laboratory showed our ability to concentrate our lithium samples to **6.78% Li2O, a commercial grade**

Neves Area

Several Lithium Pegmatites Already Identified

Lithium Pegmatite with >20% spodumene visually estimated



Lithium Pegmatite with 10-20% visually estimated spodumene and with the presence of petalite, another lithium-bearing mineral

Lithium Pegmatite with >30% spodumene visually estimated

Neighboring Site

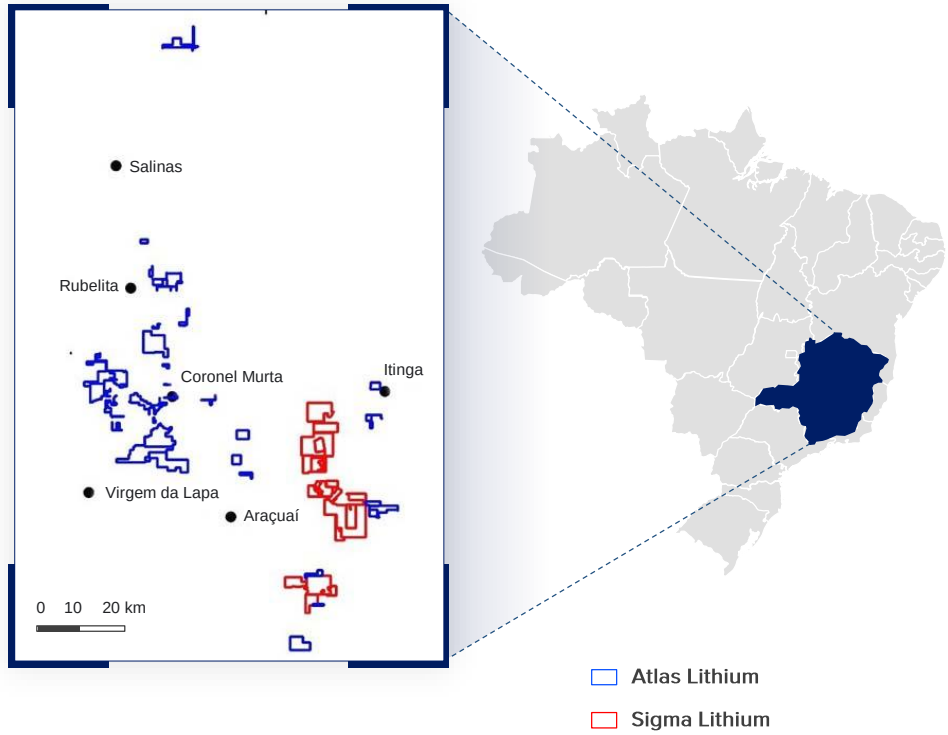
Sigma Lithium (Nasdaq: SGML)

Sigma Lithium Resources

- The most active lithium explorer in the region with a world-class lithium resource base (currently stands at ~80MT of Li_2O contained within four separate deposits)
- 27 mineral rights spread over 191 km^2

Our Minas Gerais Project

- Several of our mineral rights are adjacent to Sigma Lithium's; our Neves Area, currently under our first drilling campaign, is immediately adjacent to a Sigma Lithium mineral right
- 52 mineral rights spread over 227 km^2



The Company notes that details of projects near or adjacent to the Company's projects are set out for information purposes only and not a guarantee or an indication of the productivity of the geology of the Company's projects.

Strategic Investments

Apollo Resources Corp.

- **Atlas Lithium owns 44%** (acquired in 2020)
- A private company focused on iron projects in Brazil
- Owns 57,665 acres of mineral rights for iron distributed in six projects
- Project located in the well-known Iron Quadrangle mining district is expected to begin operations in early 2023

Jupiter Gold Corp. (OTCQB: JUPGF)

- **Atlas Lithium owns 24%**
- Focused on the exploration of several highly promising gold areas in Brazil
- Owns over 140,490 acres of mineral rights for gold distributed in seven projects
- Alpha Project located in the number one gold-producing region in Brazil

Apollo Resources

100%-Owned Iron Projects

Project Name	Mineral	Location in Brazil (State)	Area (Acres)	Highlights
Rio Piracicaba	Iron Ore	Iron Quadrangle, Minas Gerais	641	**In Operational Licensing:** Premier location next to Vale's iron mine. Technical Report Summary presents an estimate of 7.85M tons of iron ore resources. Raw iron ore is able to be concentrated to 64.2% iron (a premium product) using standard crushing and magnetic separation. Potential to produce premium product is highly important
Barão de Cocais	Iron Ore	Iron Quadrangle, Minas Gerais	363	**Exploration Stage:** Geochemical surface sampling up to 62% of iron ore grade; excellent logistics; close to producing iron mines
Itabira	Iron Ore	Iron Quadrangle, Minas Gerais	3,792	**Exploration Stage:** Geochemical surface sampling up to 53% of iron ore grade; excellent logistics; close to producing iron mines
Alagoas	Iron Ore	Alagoas	31,173	**Exploration Stage:** Historical prospector records indicate 55% iron oxide concentration; some of our properties are next to areas purchased by mining fund Appian for US$40M and developed into a large copper mine
Minas Norte	Iron Ore	Minas Gerais	16,727	**Exploration Stage:** Known iron deposits in nearby areas; our areas show promising geophysical anomaly
Mato Grosso do Sul	Iron Ore	Mato Grosso do Sul	4,969	**Exploration Stage:** Large area with potential for a large project; located in a well-know iron ore district, the third in total production in Brazil
Projects located in different iron ore provinces in Brazil, including three in the well-known "Iron Quadrangle"			**57,665**	**One project de-risked and in operational licensing and strong pipeline of additional high-quality iron mineral rights**

Jupiter Gold

100%-Owned Projects

Project Name	Mineral	Location in Brazil (State)	Area (Acres)	Highlights
Alpha	Gold	Minas Gerais	28,167	**Exploration Stage:** 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	24,610	**Exploration Stage:** Premier new gold mining district of Alta Floresta. Our area is located adjacent to a producing gold mine
Quartzite	Quartzite	Minas Gerais	233	**In Operational Licensing:** Four quartzite deposits identified in 2021, followed by drilling campaign. Potential to produce high quality quartzite. Awaiting final permit to begin operations; expected start is Q1 2023 for open-pit quarry
Paracatu	Gold	Minas Gerais	733	**Exploration Stage:** Well-known gold district where Kinross Gold has its largest gold mine in Brazil
Apuí	Gold	Amazonas	69,330	**Exploration Stage:** New gold frontier with large (> 1M oz) deposits
Crixás	Gold	Goiás	3,068	**Exploration Stage:** Indications of targets from artisanal mining
Cavalcante	Gold	Goiás, Tocantins	4,771	**Exploration Stage:** Indications of targets from artisanal mining
Brotas	Gold, Palladium, Platinum	Bahia	9,578	**Exploration Stage:** Indications of targets from artisanal mining
Projects located in several well-known gold jurisdictions in Brazil			**140,490**	**Strong pipeline of gold projects and potential for revenues from quartzite mining**

Management Team

Marc Fogassa
Chairman & CEO

- 10-yr experience as CEO of Atlas Lithium; previously was in U.S. venture capital for 8 yrs
- Fluent in Portuguese, the language of Brazil, where projects are located
- MIT, double-major undergraduate; Harvard MBA

Volodymyr Myadzel, PhD
Sr. VP, Geology

- "Qualified Person" (Expert) in lithium under the SEC's Regulation SK 1300 for mining companies
- 23-yr experience in geological and economical modelling of deposits; 10-yrs in Brazil

Gustavo Aguiar
CFO & Treasurer

- 16-yr experience in finance/accounting
- Previously was Controller for Jaguar Mining ($160M mkt cap; profitable mines in Brazil)
- Fluent in English and Portuguese

Joel Monteiro, Esq.
ESG Chief & VP, Admin & Ops

- Expert in advancing our projects with mining regulators and communities in Brazil
- Former Partner and Head of Business Law for mid-size Brazil-based law firm

Brian W. Bernier
VP, Corporate Development

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

Mark Petersen
Chief Technical Advisor

- Background in taking projects from discovery to production; 33-yr experience as geologist; speaks Portuguese
- Prior senior management and exploration oversight role in several public companies

Board of Directors

Ambassador Roger Noriega
Independent Director

- Nominated by President George W. Bush for Assistant Secretary of State; unanimously confirmed by the U.S. Senate.
- Former U.S. Ambassador to the Organization of American States (OAS)
- Founder and managing director of Visión Américas, global business advisors

Stephen Petersen, CFA
Independent Director

- 40-yr experience in capital markets and investment management
- 32-yr career at Fidelity serving as portfolio manager of multiple equity funds
- Managing director at Prior Wealth, $3B in assets under management

Cassi Olson, Esq.
Independent Director

- Extensive experience in global contracts and venture transactions
- Attorney, Ellenoff Grossman & Schole LP

Marc Fogassa
Chairman & CEO

- 10-yr experience as CEO of Atlas Lithium; previously was in U.S. venture capital for 8 yrs
- Fluent in Portuguese, the language of Brazil, where projects are located
- MIT, double-major undergraduate; Harvard MBA

Key Takeaways

Atlas Lithium provides an opportunity to partner with a proven management team in unlocking the upside in a unique asset

1. **100% ownership of the largest lithium area footprint in Brazil** creates a leadership position in the well-known and premier jurisdiction for hard-rock lithium
2. **Global lithium battery market expected to grow 5-10x in the next decade**[1] driven by accelerating EV deployment
3. **Opportunity to capitalize on scarce lithium supply for foreseeable future** showcased by demand from large, global enterprises
4. **Ability to produce commercial grade lithium concentrate validated** by top-tier independent lab (SGS-Geosol)
5. **Elite leadership team** with expertise in U.S. capital markets & Brazilian geology, project development, and government interface
6. **Debt-free balance sheet and clean cap table**

(1) U.S. Dept. of Energy: *National Blueprint for Lithium Batteries 2021-2030*

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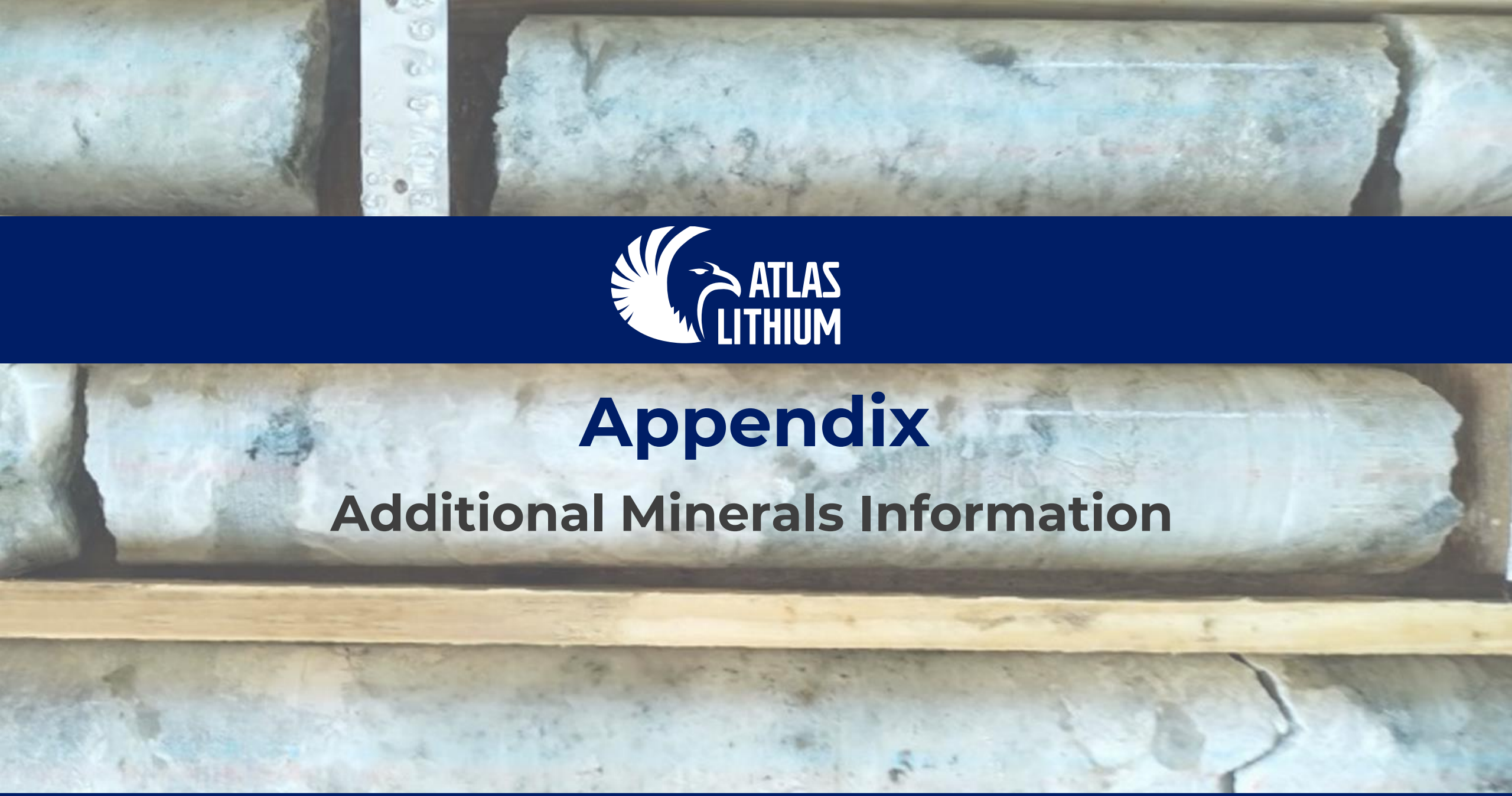


Appendix

Additional Minerals Information

Lithium Deposits & Mining

Hard Rock Lithium	Lithium Brines
Lithium Deposits	
• Lithium minerals hosted in igneous pegmatite bodies distributed around margins of large granitic intrusions • Spodumene and petalite are primary commercial Li minerals • Economic hard rock lithium deposits range from ~10 to 100+ Mt with grades ranging from 0.3% to 3.2% Li_2O (0.15% - 1.5% Li)	• Occur in arid regions dominated by high evaporation rates • Lithium dissolved in saline groundwater brines below dry lake bed salt flats or 'Salars' - e.g: Chilean Atacama, Bolivian Altiplano • Economic lithium brine resources range from ~1 to 5+ Bt with brine concentrations ranging from 0.02% to 0.3% Li2O (0.01% - 0.15% Li)
Lithium Mining & Processing	
• Direct extraction via conventional surface mining methods • Li ore is processed via conventional crushing followed by density separation and/or froth flotation methods to produce commercial spodumene mineral concentrate • Refining involves heating, chemical separation and concentration for either lithium hydroxide or lithium carbonate as final product	• Brine solution pumped to series of large containment ponds for evaporation over periods ranging from months to years • Lithium brine gradually transferred between ponds to increase concentration until most of the water has been evaporated • Refining by filtration and chemical treatment to remove contaminants to yield final lithium carbonate product
• Less environmental impact than brine mining – smaller surface footprint and less water and energy consumed • Requires secure access to mineral rights, energy and water • Shorter time to deliver product to market	• Uncertain long term environmental impacts • Requires secure access to large water supply and water rights • Multi-year extraction process subject to remoteness, variations in seasonal weather conditions, impact of potential contaminants

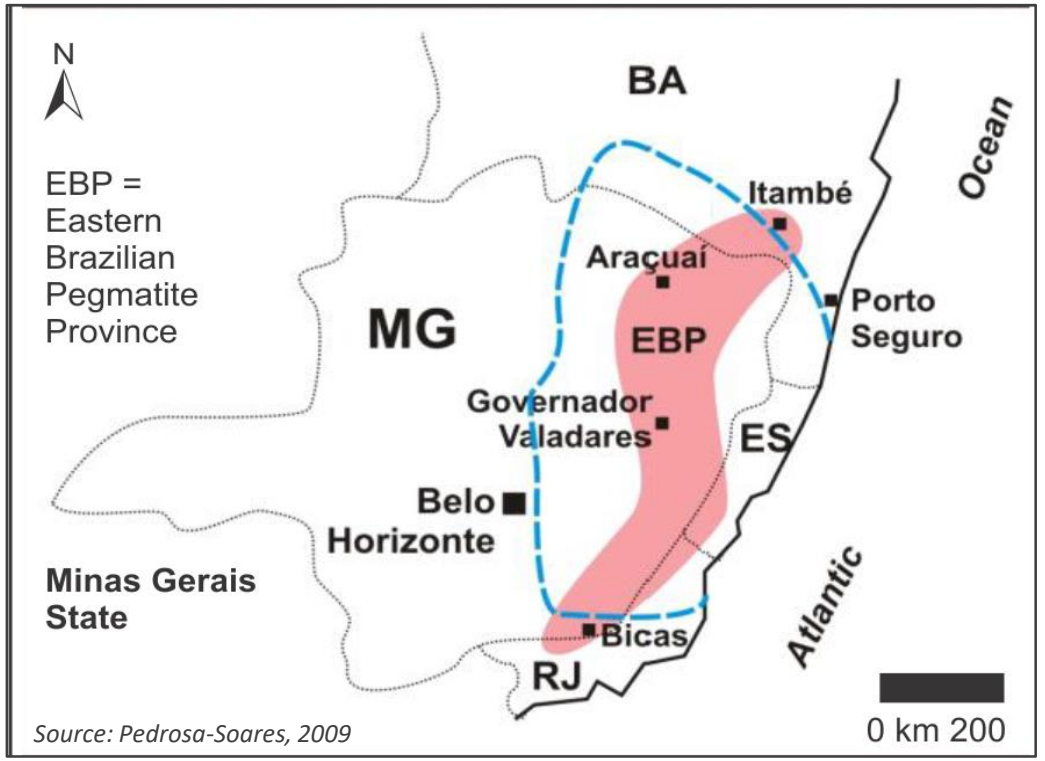
Geologic Address

Eastern Brasil Pegmatite Province – EBP

- 150,000 km2 Araçuaí orogenic belt of large granitic igneous intrusives and related pegmatite deposits
- Extends more than 850 km across eastern Minas Gerais state
- Host to at least 1,000 pegmatites mined since 1940's
- Multiple mineral commodities including Lithium, Tin, Tantalum-Niobium, industrial minerals, rare gemstones and dimension stone

Araçuaí Mining District

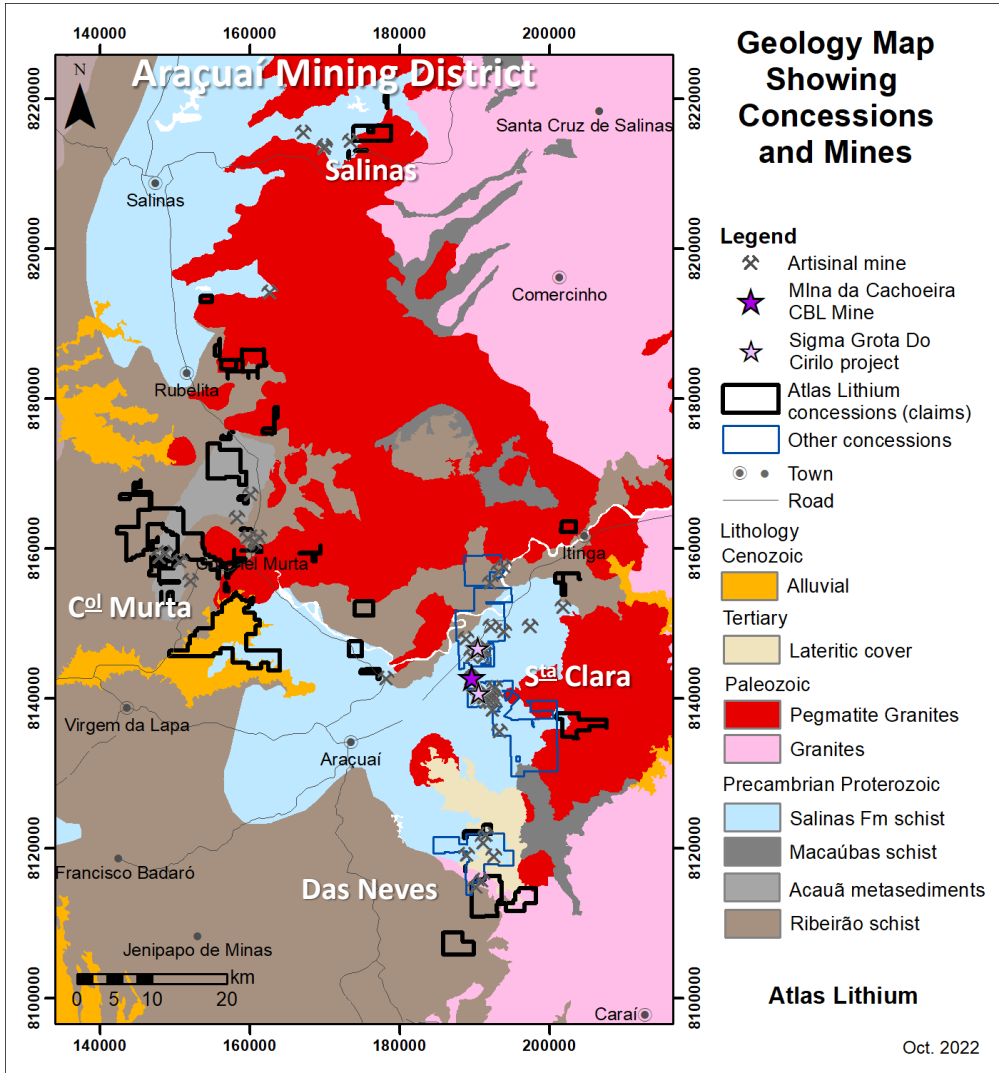
- Home to Brazil's only producing lithium mine and commercial reserves
- More than 300 productive pegmatites – published reports
- Well developed road system with direct routes to international seaports
- Ready access to water and local power grid
- Unique for its hard-rock lithium pegmatite deposits



Mineral Properties

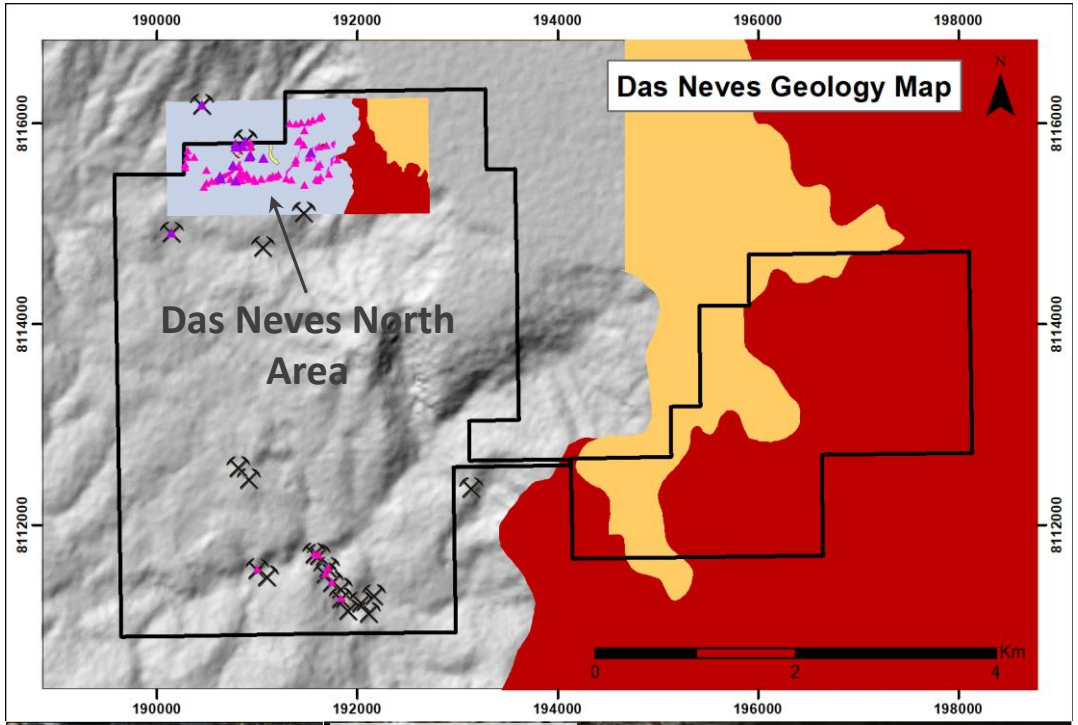
Minas Gerais Lithium Project

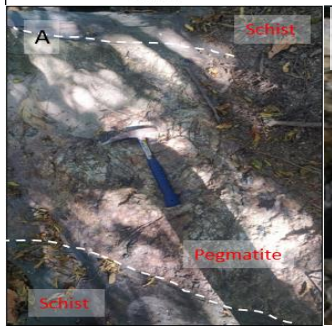
- 227 km2 of 100% Atlas-owned mineral rights comprising largest lithium portfolio in Brazil
- Dominant property position in Araçuaí mining district, covering multiple centers of prospective pegmatite mineralization
- Strategically located near operating CBL lithium mine and adjoining Sigma Lithium's development stage Grota do Cirilo project and Latin Resources' Salinas exploration project
- Untested by modern systematic exploration methods
- Current exploration focus is on our Neves target adjoining Sigma's São José property
- First pass field reconnaissance scheduled to commence over other district concession holdings in H1 2023

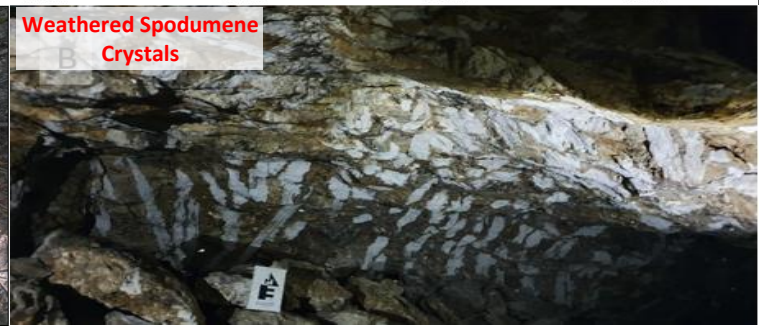


Das Neves Target

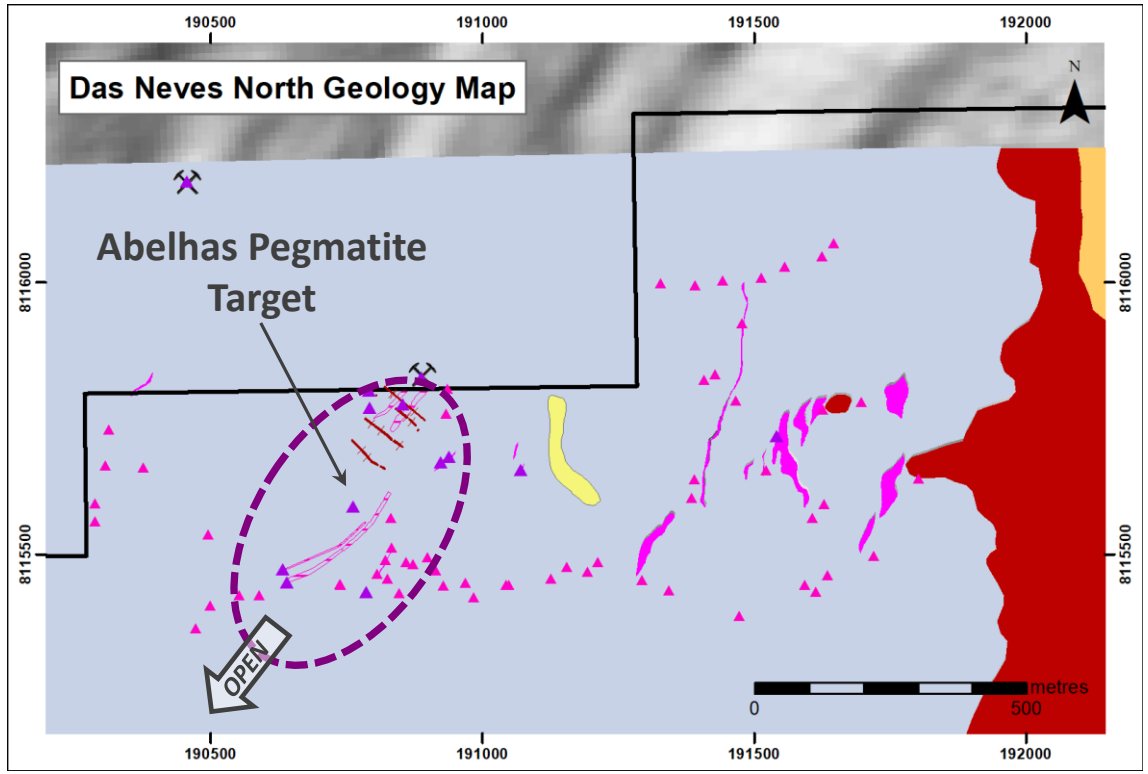
- Recently expanded concession block to 28.2 km2 with acquisition of four new mineral rights – ~ 40-fold increase
- Li-bearing pegmatites exposed in historic artisanal mine workings and along stream drainages and road cuts
- Exploration currently focused on cluster of pegmatite dikes mapped over 1,000 x 300 m area that remains open to west and in both directions along strike
- Anomalous values up to 3.86% LiO2 returned from first pass surface reconnaissance mapping and grab sampling
- Systematic mapping and geochemical grid sampling program recently launched to delineate extensions to known dike swarms
- Second pegmatite dike swarm recently identified in southern portion of Das Neves claim block – follow-up work planned







Das Neves Target (cont.)



- Current focus on Abelhas pegmatite cluster at north end of concession block
- Two diamond bit core drills operating 27 diamond holes totaling 2,100 meters completed to date
- 3rd core rig mobilizing mid-Q4 – will be dedicated to collection of metallurgical test samples

- Significant Li2O grades begin at top of fresh bedrock at ~30 to 50m depth from surface
- Best results to date returned from drill holes AB-11, AB-11B, AB-12 and AB-15 - Latest 10 holes pending

Drilling Highlights
Neves Target Area – Abelhas Pegmatite

Drill Hole	From (m)	To (m)	Interval (m)	ETW* (m)	Li_2O %
AB-04	**48.9**	**58.4**	**9.5**	**8.2**	**0.55%**
	48.9	*53.0*	*4.1*	3.5	*0.92%*
AB-11	**67.9**	**73.1**	**5.1**	**3.4**	**1.72%**
Includes	*67.9*	*69.9*	*2.0*	1.3	*0.56%*
	69.9	*73.1*	*3.1*	2.1	*2.44%*
AB-11B	**74.0**	**95.9**	**21.8**	**14.6**	**1.22%**
Includes	*76.8*	*80.8*	*4.1*	*2.7*	*2.24%*
	84.0	*87.2*	*3.2*	*2.1*	*2.01%*
	90.5	*94.4*	*3.9*	*2.6*	*1.24%*
AB-12	**83.4**	**90.8**	**7.4**	**4.8**	**1.33%**
Includes	*84.2*	*86.8*	*2.5*	*1.6*	*1.82%*
AB-15	**60.5**	**83.6**	**23.1**	**18.2**	**1.08%**
Includes	*60.5*	*75.5*	*15.0*	*11.8*	*1.40%*

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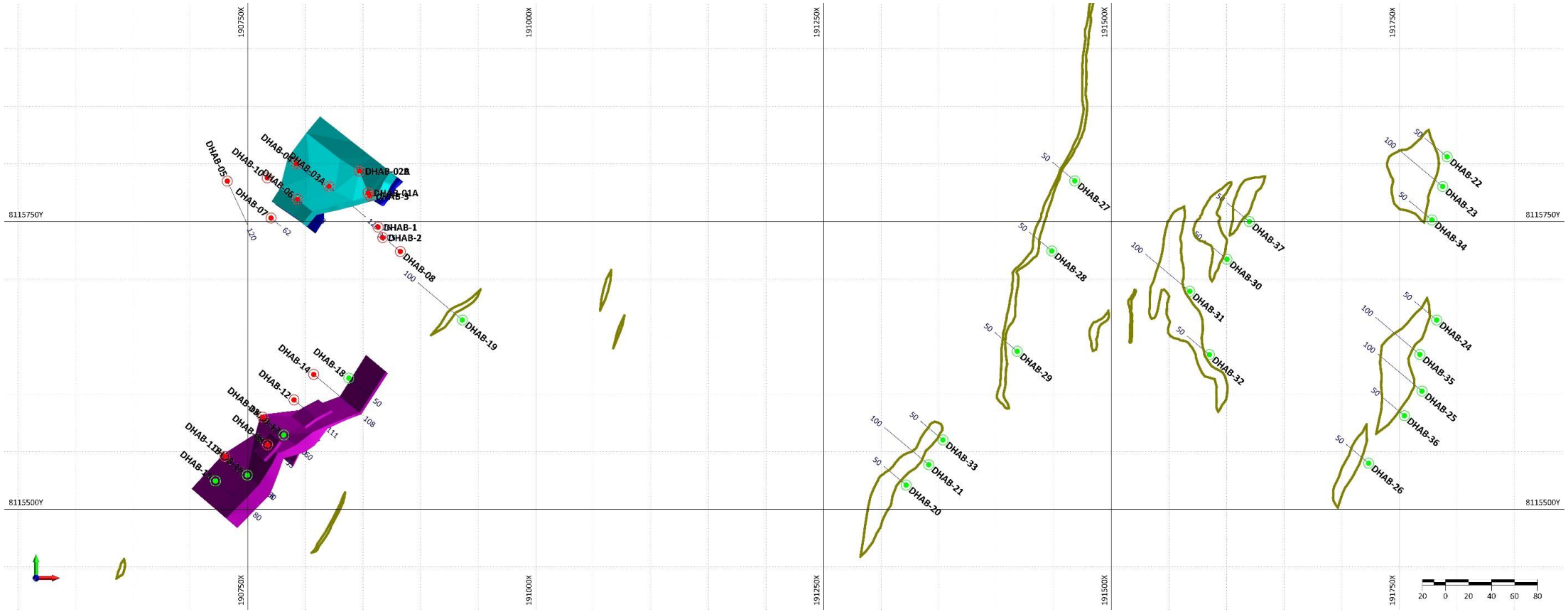
*Note: Estimated true widths range from 60% to 80% of down-hole interval lengths depending on drill hole orientation relative to structural strike and dip of mineralized intercept

Drilling Program – Neves Area



Other District Targets

All 100%-Owned

Santa Clara Area

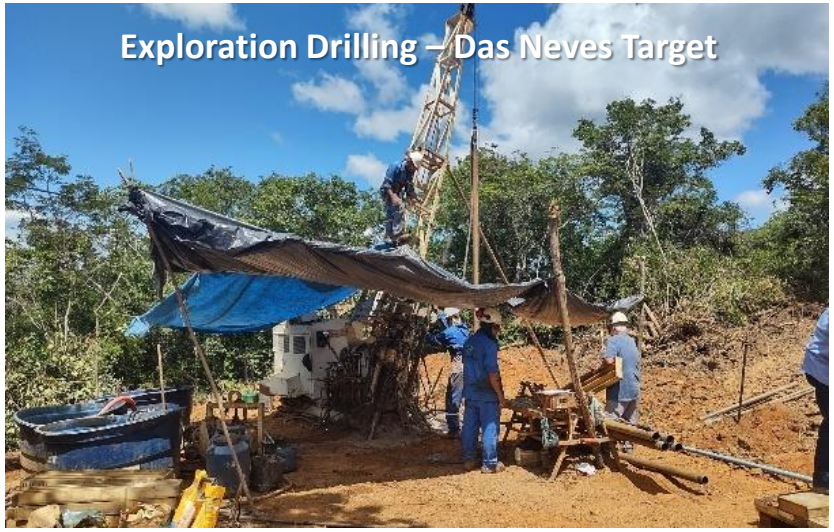
- Adjoins Sigma Lithium's Grota do Cirulo property, recently expanded with acquisition of 4 new concessions
- 14 prospective pegmatites mapped on original concession – field reconnaissance over new concessions pending
- Lithium-bearing minerals identified in outcrop and historic artisanal workings
- Field reconnaissance mapping/sampling scheduled to commence Q1 2023

Salinas Area

- Newly acquired concession block adjoining Latin Resources' resources Salinas exploration project
- Field reconnaissance mapping/sampling planned for Q1 2023

Coronel Murta Area

- Multiple concession blocks covering western Araçuaí district
- Large pegmatite field known for producing gem quality tourmalines
- Spodumene known to occur however no previous lithium exploration activity reported in the area



Metallurgy

Preliminary testing completed in Q2 2022 by SGS Geosol in Belo Horizonte, Brazil

Objectives

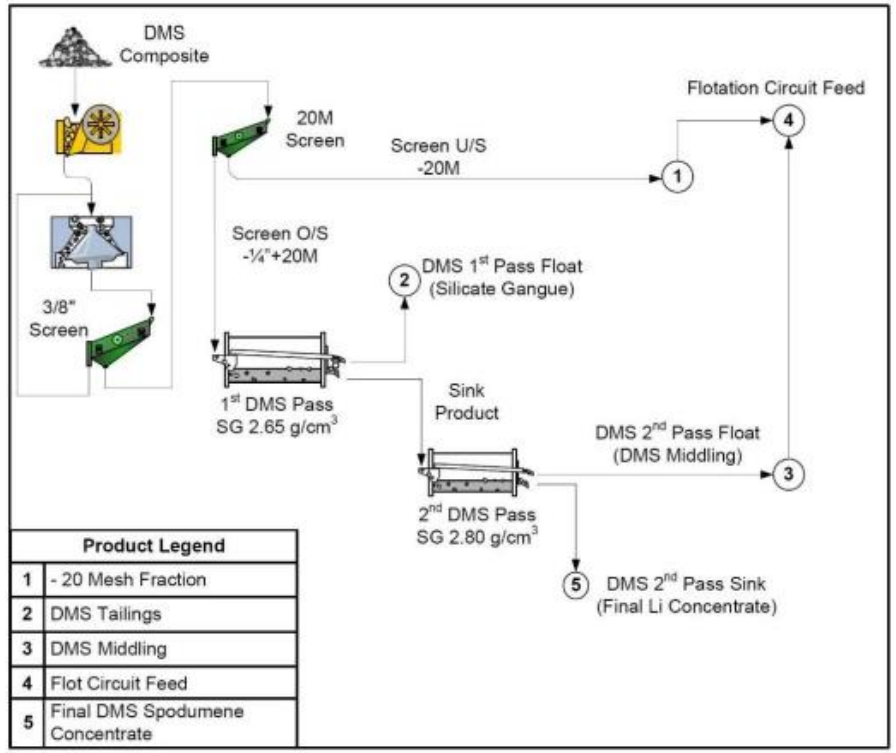
- Determine physical density and size distribution of crushed material
- Test use of dense media gravity separation (DMS) methods to produce commercial grade spodumene concentrate
- Evaluate potential for iron mineral contaminants

Results

- ✓ Confirms potential to produce commercial grade concentrate
- ✓ 6.0% Li_2O average concentrate grade
- ✓ Iron content below 1.5% Fe_2O_3 penalty threshold in coarser material making up 70% of original sample

Path Forward

- ✓ Recently appointed Director Metallurgical Processing
- ✓ Initiate systematic metallurgical testing in parallel with delineation drilling
- Develop mineral process flow sheet for commercial scale production of lithium concentrate



Metallurgical Test Flowsheet Example

Source: SGS Lakefield, 2018

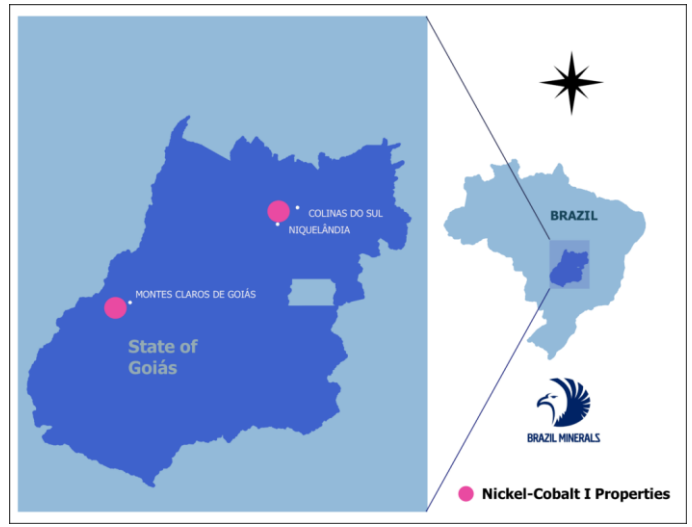
Nickel - Cobalt

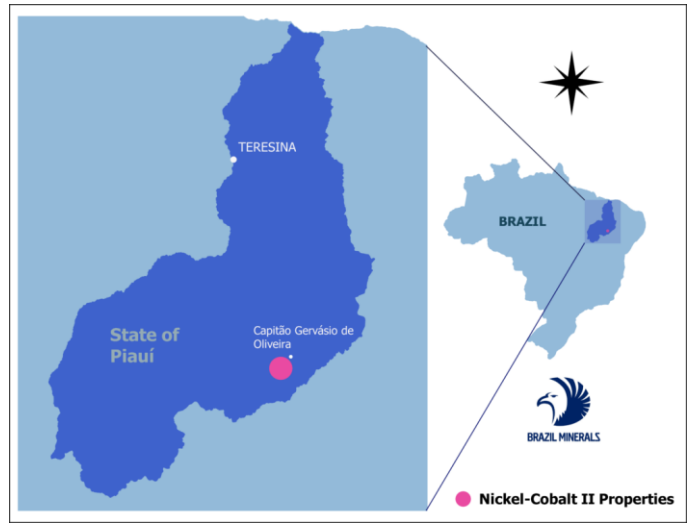
Atlas Properties

- 222 km^2 prospective nickel – cobalt exploration rights in Goiás and Piauí states
- Early stage exploration properties staked along productive nickel trends
- Strategically located near or adjacent to past / currently producing nickel properties
- Nickel laterite style mineralization

  - Shallow depth deposits amenable to open pit mining methods
  - Products of tropical weathering and breakdown of magnesium and iron rich silicate minerals containing accessory nickel
  - Oxidized and altered to Ni-enriched iron oxides and clays
  - Flat tabular deposits 100's of meters long by several 10's of meters thick
  - Lateritic Ni deposits represent a growing source of nickel accounting for 40% of current global nickel supply

- All Atlas' properties located in areas with established road access, infrastructure and public services





Nickel

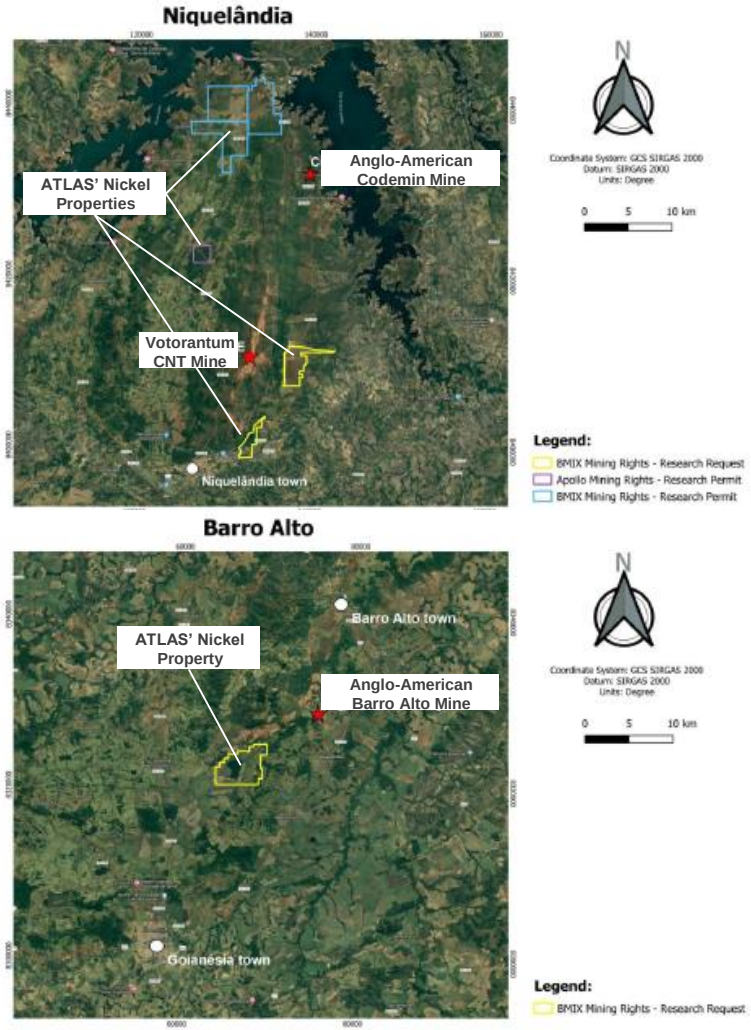
Goiás Properties

Niquelandia District

- Brazil's 'Nickel Capital' producing for the past with 40+ years
- 76 km^2 (18,777 Acres) prospective land position covering northern extension of Niquelandia layered mafic-ultramafic complex
- 3 approved exploration concessions near Anglo-American's Codemin mine plus 2 new applications next door to Votorantum's CNT mine property

Barro Alto District

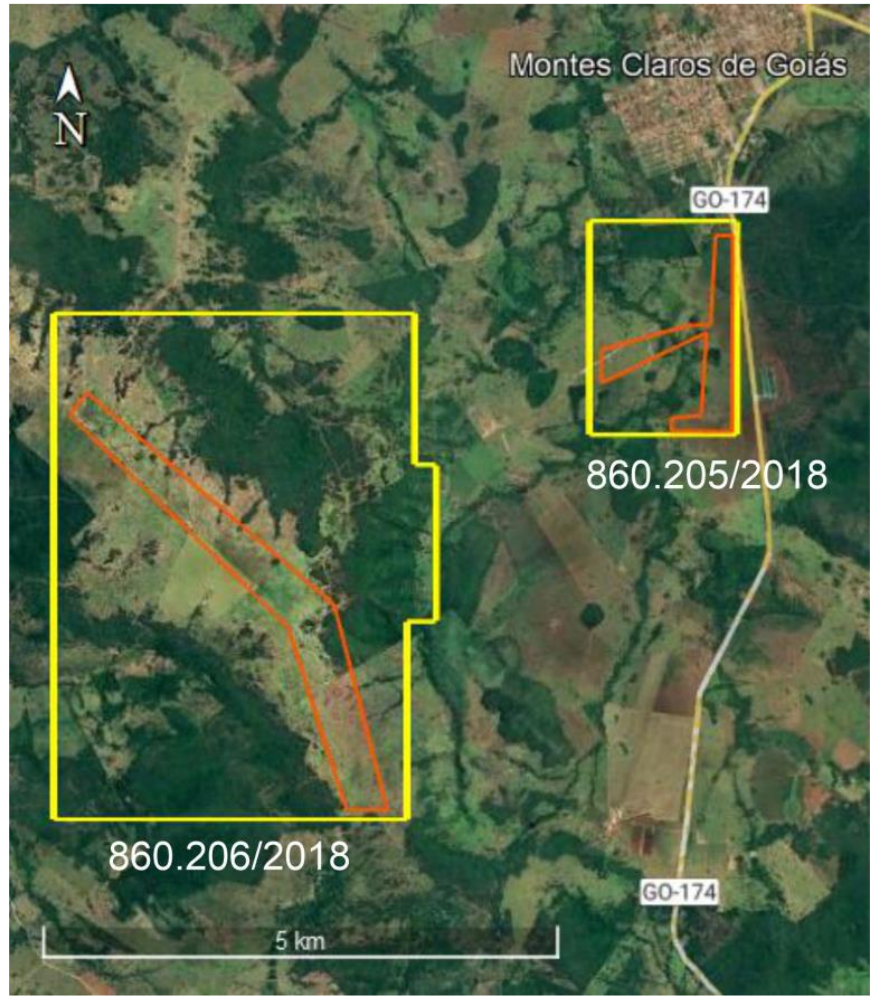
- Located 75 km southwest of Niquelandia
- 19 km^2 (4,725 Acres) exploration application situated directly along trend and adjoining Anglo-American's Barro Alto mine (112 Mt @ 1.54% Ni)
- Anglo-American reported to be actively exploring next door



Nickel

Montes Carlos de Goiás

- Located along major state highway ~5 km from town of Montes Claros de Goiás
- 116 km^2 (28,729 Acres) exploration rights covering prospective ultramafic sequence adjoining two 3rd party Ni properties in mining permit application stage
- Preliminary field reconnaissance conducted in 2019 has identified 4 km trend of anomalous near-surface nickel mineralization



Exploration Path Forward

Systematic 3 Phase syste results driven strategy:

Phase I:	Field reconnaissance and airborne geophysical surveys to delineate prospective Ni trends
Phase II:	Detailed geologic field mapping, geochemical sampling and ongoing data analysis to define and prioritize hard drill targets
Phase III:	First pass drill testing and follow-up step-out drilling to test and delineate potential NI resources