ATLAS LITHIUM

OCTOBER 2022

OTCQB: ATLX

WWW.ATLAS-LITHIUM.COM

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

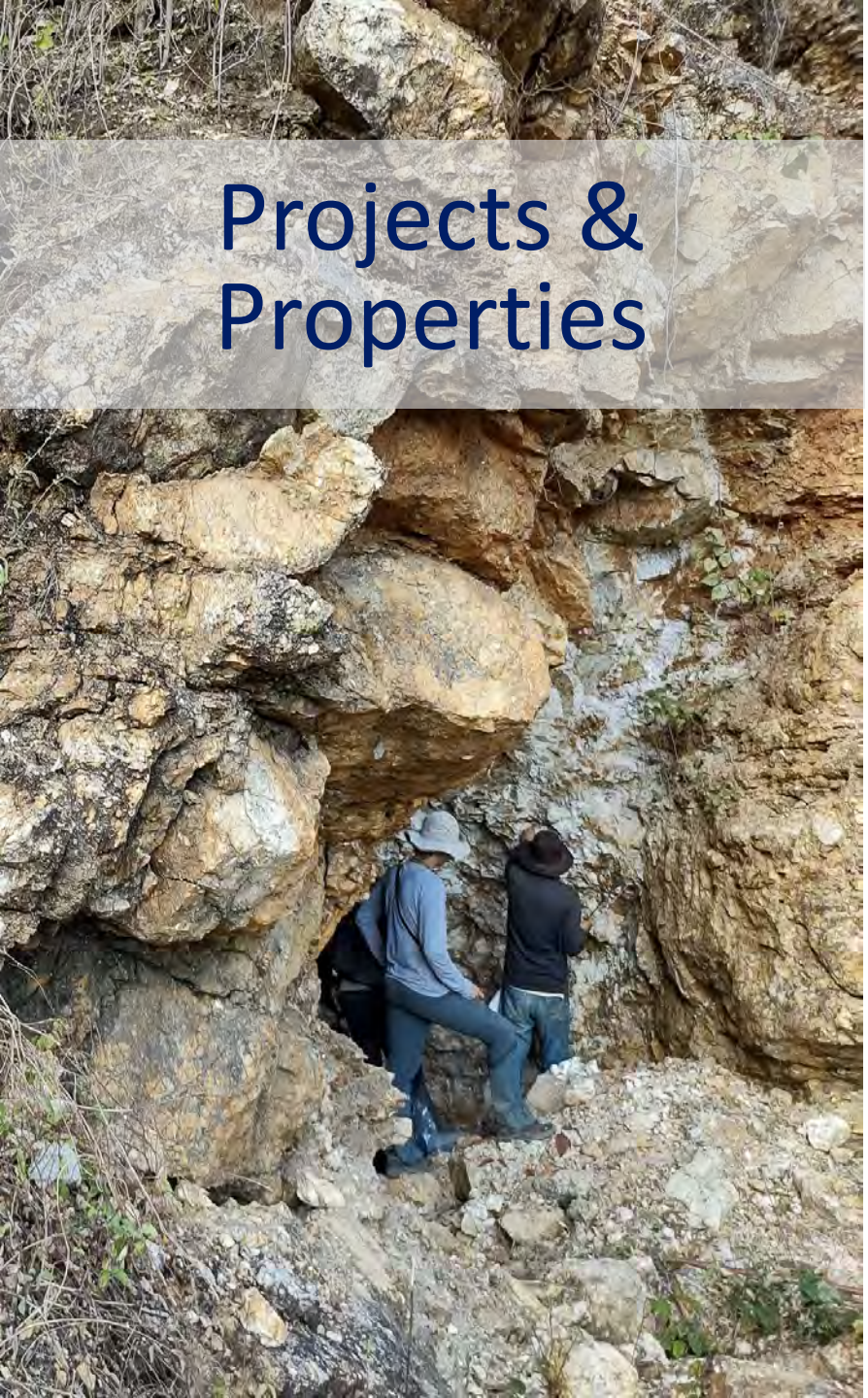
Unless otherwise indicated, the scientific and technical information in this presentation has been reviewed and approved by Volodymir Myadzel, PhD, who is a Qualified Person for Lithium in accordance with Subpart 1300 of Regulation S-K of the U.S. Securities Act of 1933. Dr. Myadzel is the Sr. VP, Geology for Atlas Lithium.

Investment Highlights

- We own 100% of hard-rock lithium mineral properties – there is not enough supply of lithium today and in the foreseeable future given EV battery demand for the next decades
- Our drilling to date has indicated several high-quality lithium deposits; top intersect grade = 3.26% Li_2O
- We have the largest footprint (293 km^2) of lithium areas in Brazil, a well-known and premier jurisdiction for hard-rock lithium, among any public or private companies
- We have been approached (in unsolicited manner, NDAs now in place) by several large, global enterprises seeking lithium supply
- We have a team with the experience needed in the determination of our mineral resources to development of our planned plant for production of lithium concentrate, a key item in the EV battery supply chain
- We have no outstanding notes, debentures, bonds, etc.
- We expect significant news from various aspects of our project for the next 12-18 months

Comparables – Hard-Rock Lithium Companies

Company Name and Ticker Symbol	Lithium Properties (based on public fillings)	Revenues	Market Cap (10/20/2022)
Sigma Lithium Resources (Nasdaq: SGML)	46,471 acres (Minas Gerais, Brazil)	none	US$ 3 billion
Piedmont Lithium (Nasdaq: PLL)	3,245 acres (North Carolina, U.S.)	none	US$ 1 billion
Atlas Lithium (OTCQB: ATLX)	56,078 acres (Minas Gerais, Brazil) and 16,266 acres (Rio Grande do Norte & Paraiba, Brazil)	none	US$ 38 million



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

Key Team Members

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

Mark Petersen
Chief Technical Advisor

- Extensive 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

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, Corp Development

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

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

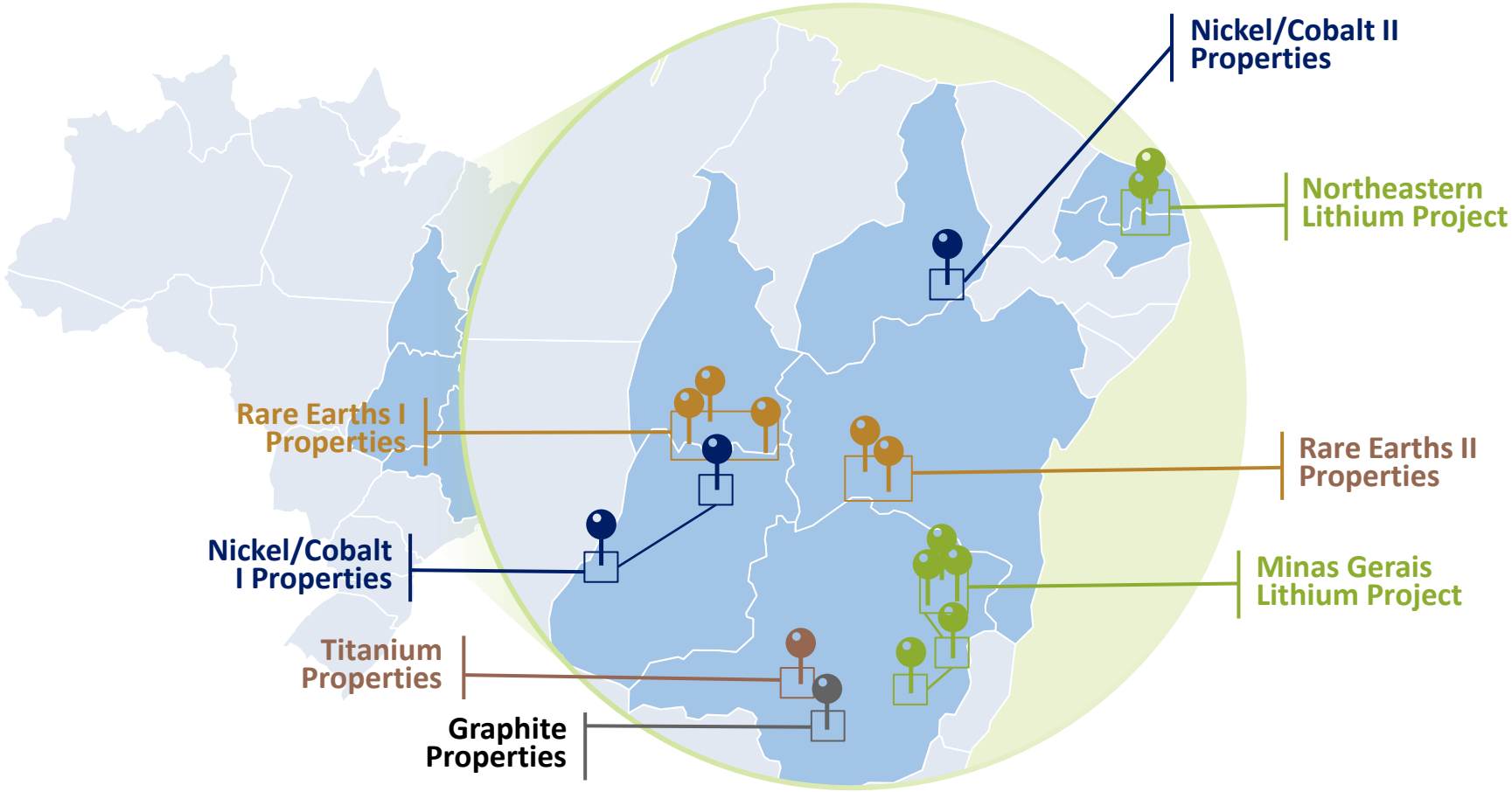
- Extensive experience in global contracts and venture transactions
- Attorney, Ellenoff Grossman & Schole LP

Marc Fogassa

Chairman & CEO

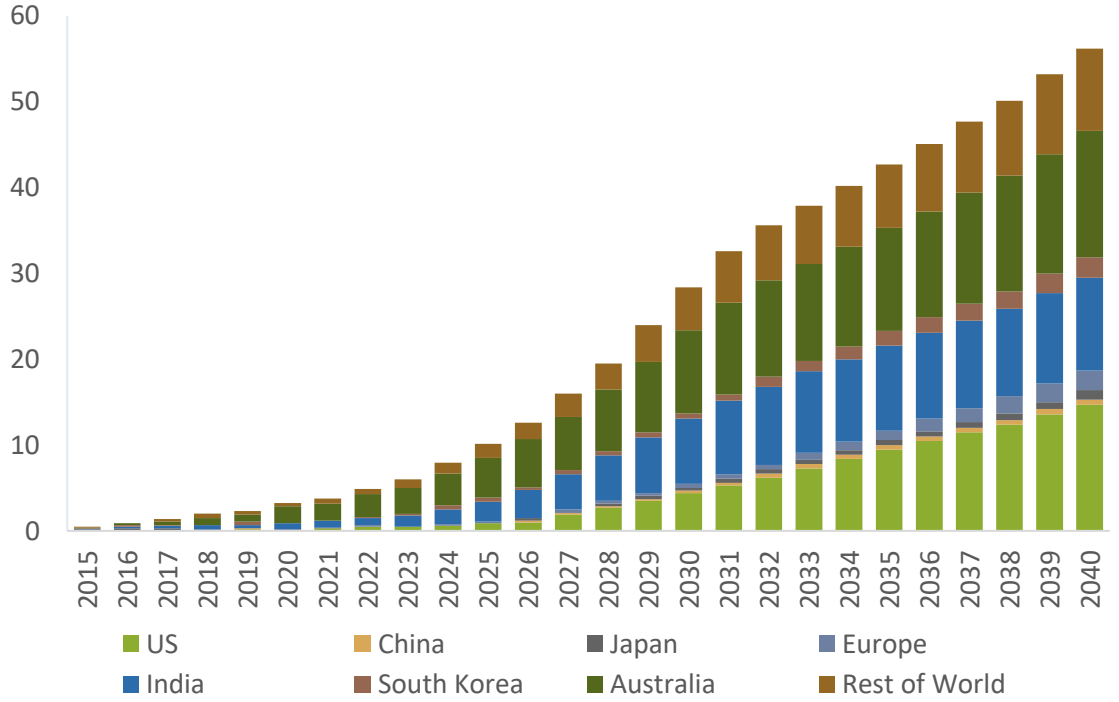
Our 100%-Owned Battery Metals Exploration Portfolio

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



Lithium: High Demand = High Prices

Electric Vehicle (EV) share of new car production will increase from ~5% in 2021 to ~40% in 2030 driving continued demand for lithium for EV batteries for years (graph source: Bloomberg LP)



Commercial development of our lithium project entails processing of our lithium-bearing minerals and future sales of our lithium concentrate (6% Li2O) (graph source: Bloomberg LP)

Overview – Minas Gerais Lithium Project

- Our 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.
- We are currently drilling one of our mineral rights, the Neves Area, where twenty 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 already showed our ability to concentrate our lithium samples to 6.78% Li_2O, a commercial grade.

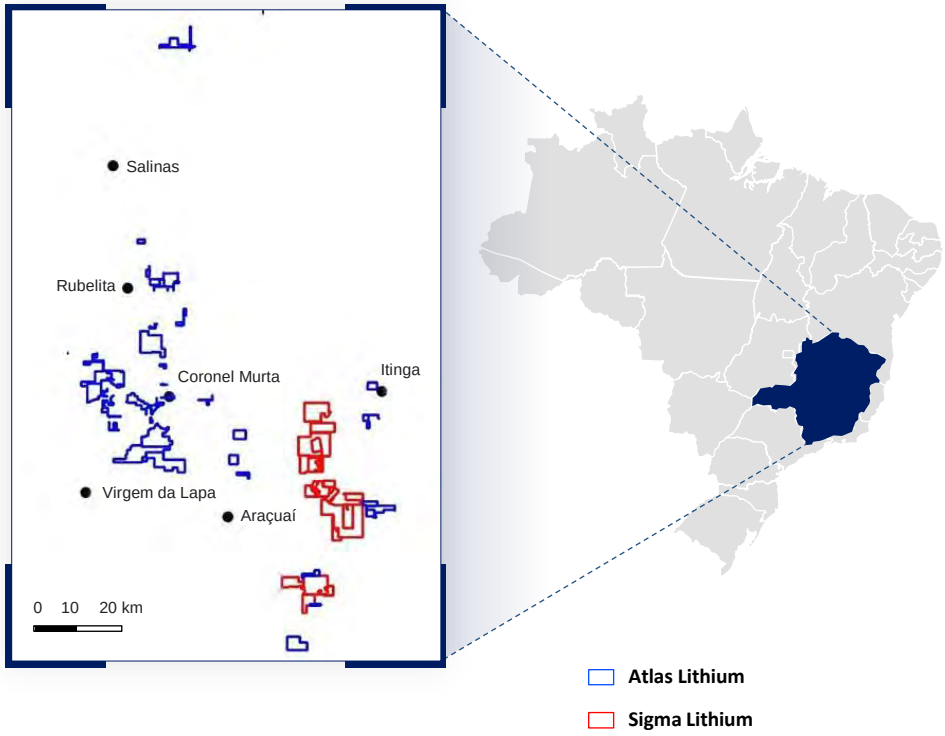
Our Neighbor – Sigma Lithium (SGML; US$2.9B mkt cap)

Sigma Lithium has 27 mineral rights spread over 191 km²

- Sigma Lithium Resources is the most active lithium explorer in the region with a world-class lithium resource base which currently stands at approximately 80MT of Li_2O contained within four separate deposits.

Our Minas Gerais Lithium Project has 52 mineral rights spread over 227 km²

- Several of our mineral rights are adjacent to or near those of Sigma Lithium (see map to the right).
- Our Neves Area, currently under our first drilling campaign, is immediately adjacent to a Sigma Lithium mineral right.

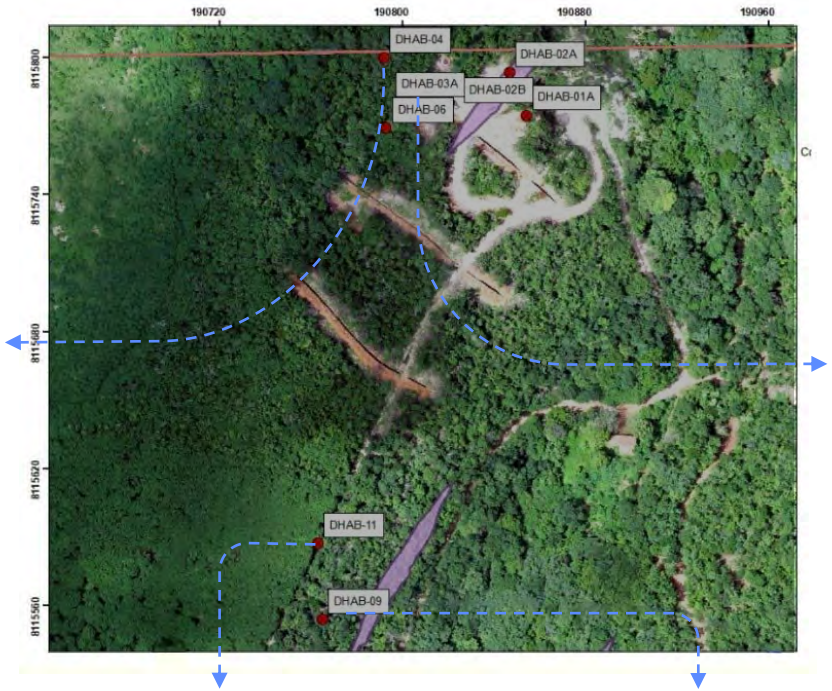


The Company notes that details of projects near or adjacent to the Company's projects are set out for information purposes only and not a guarantee or an indication of the productivity of the geology of the Company's projects.

Minas Gerais Lithium Project – Neves Area

Several Lithium Pegmatites Already Identified

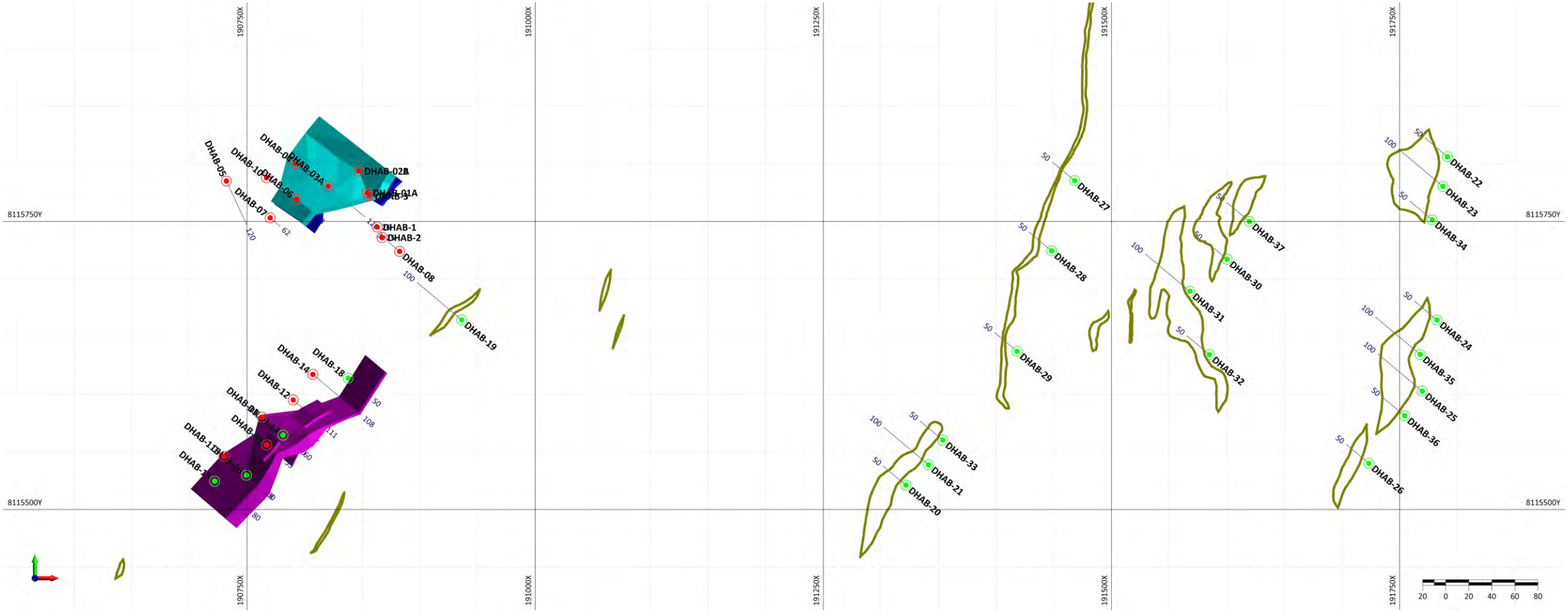
Lithium Pegmatite with **>20%** spodumene visually estimated



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

Drilling Program – Neves Area



ESG – Environmental, Social & Corporate Governance

As the “Mineral Resources Company for the Green Energy Revolution,” we are deeply committed to ESG causes.

We appointed and empowered an ESG Chief who coordinates our efforts with the communities in these important matters.

Active ESG – Some of Our Contributions to Communities

We planted more than 6,000 trees of diverse types for the benefit of local populations in areas in which we operate.

Constructed over 1,000 small retention walls to preserve and enhance dirt access roads used by communities.

Many of our work needs have been specifically delegated to firms owned or managed by women and minorities.

Iron – We Own 44% of Apollo Resources Corp.

Apollo Resources Corporation

Apollo Resources, a private company, is focused on the development of its initial iron mine its Piracicaba Project in the well-known Iron Quadrangle mining district.

APOLLO RESOURCES

Apollo Resources – 100%-Owned Iron Projects

APOLLO RESOURCES

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-know "Iron Quadrangle"			**57,665**	**One project de-risked and in operational licensing and strong pipeline of additional high-quality iron mineral rights**	

Gold – We Own 24% of Jupiter Gold Corp.

Jupiter Gold Corporation (OTCQB: JUPGF)

Jupiter Gold is focused on the exploration of several highly promising gold areas in Brazil. In addition, it owns 100% of a quartzite project which is expected to start producing revenues in 2023.

JUPITER GOLD

Jupiter Gold – 100%-Owned Projects

JUPITER GOLD

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**	

ADDITIONAL 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% Li_2O (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

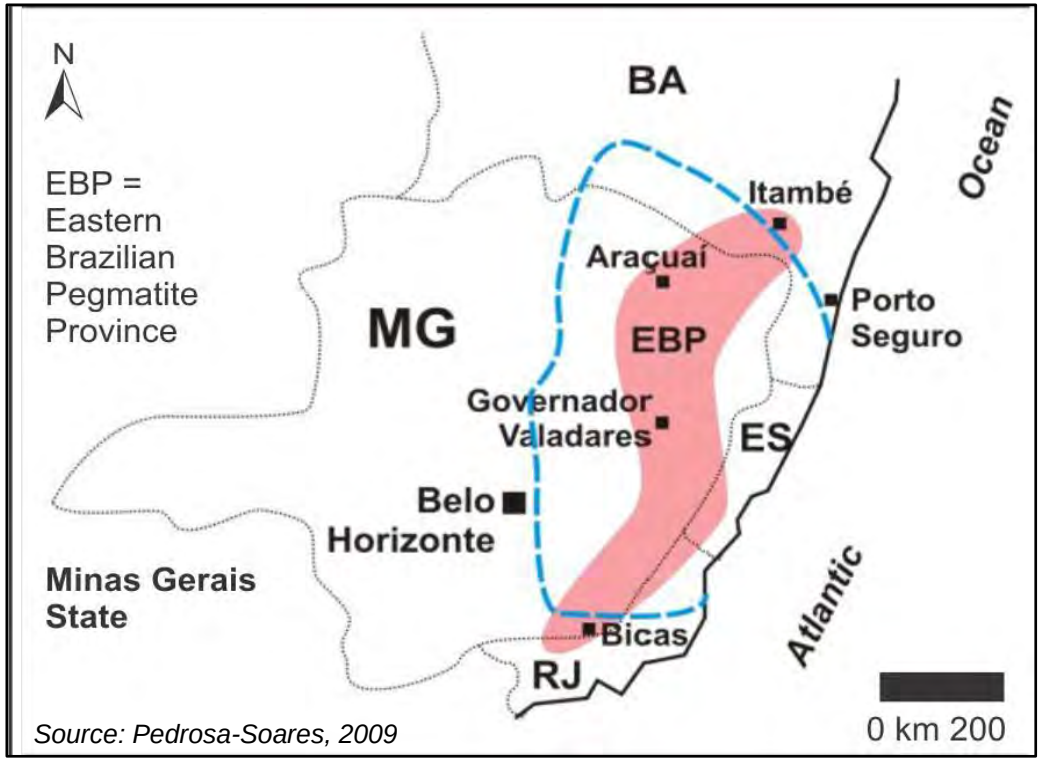
Geologic Address

Eastern Brasil Pegmatite Province – EBP

- 150,000 km^2 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

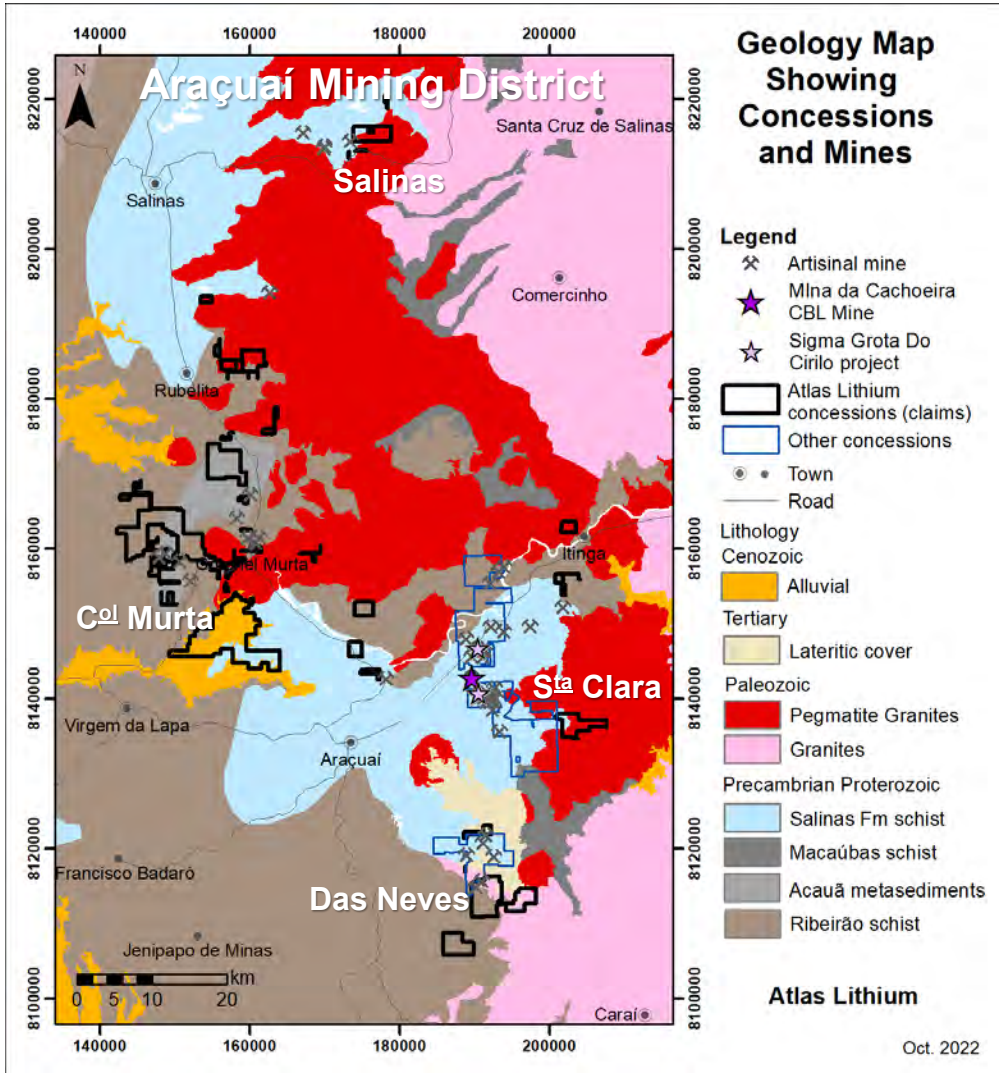


Source: Pedrosa-Soares, 2009

Mineral Properties

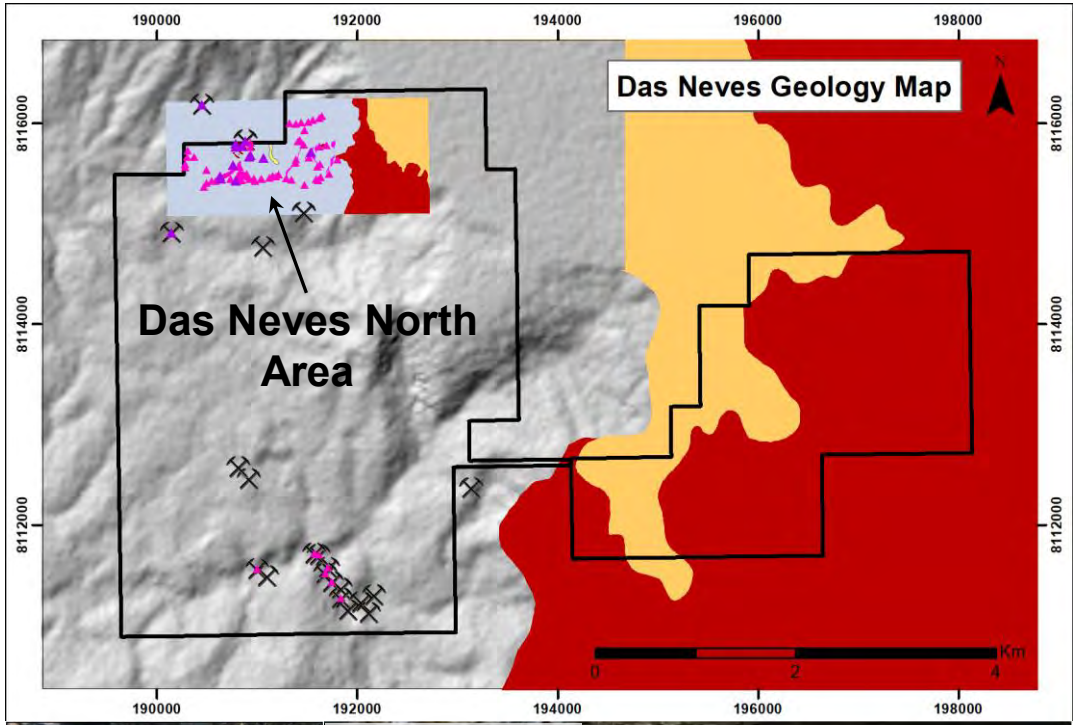
Minas Gerais Lithium Project

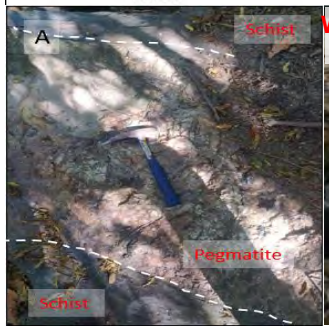
- 227 km^2 of 100% Atlas-owned mineral rights comprising largest lithium portfolio in Brazil
- Dominant property position in Araçuaí mining district, covering multiple centers of prospective pegmatite mineralization
- Strategically located near operating CBL lithium mine and adjoining Sigma Lithium's 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 Q1 2023



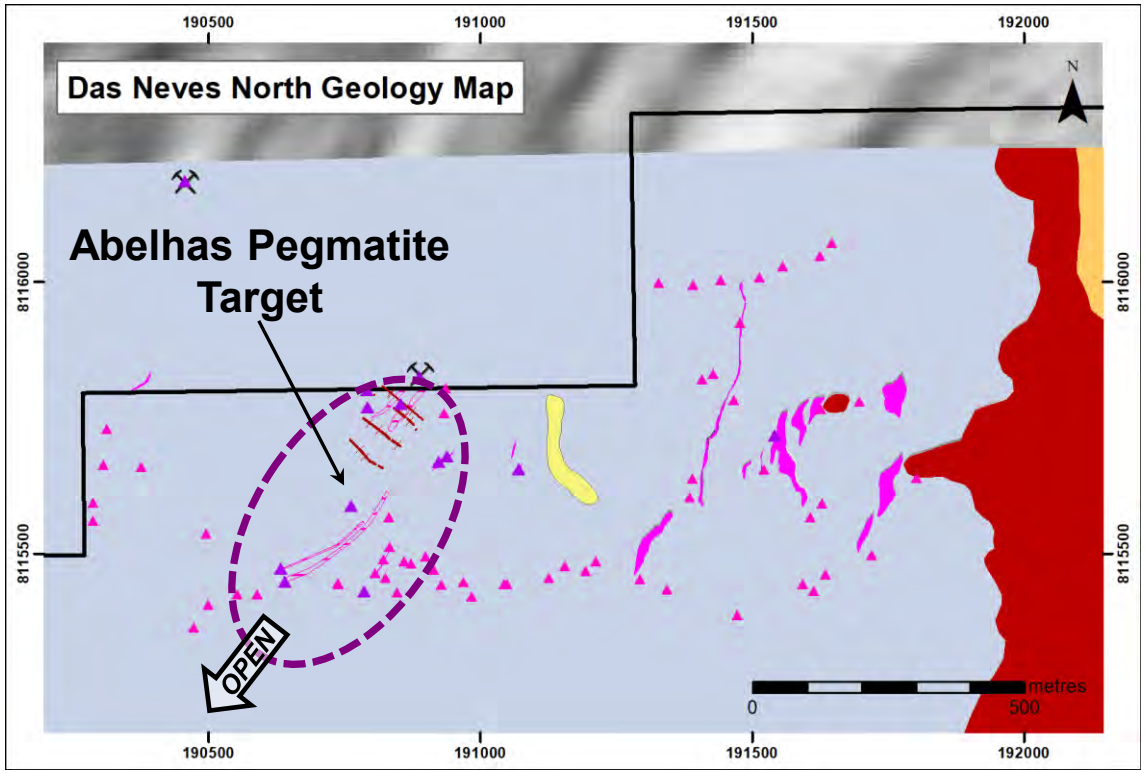
Das Neves Target

- Recently expanded concession block to 28.2 km^2 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% LiO_2 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 (continued)



- 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 2022 – will be initially dedicated to collection of metallurgical test samples

- Significant Li_2O 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

Other 100%-Owned District Targets

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


Pegmatite Outcrop – Santa Clara Target


Exploration Drilling – Das Neves Target

Metallurgy

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

Objectives

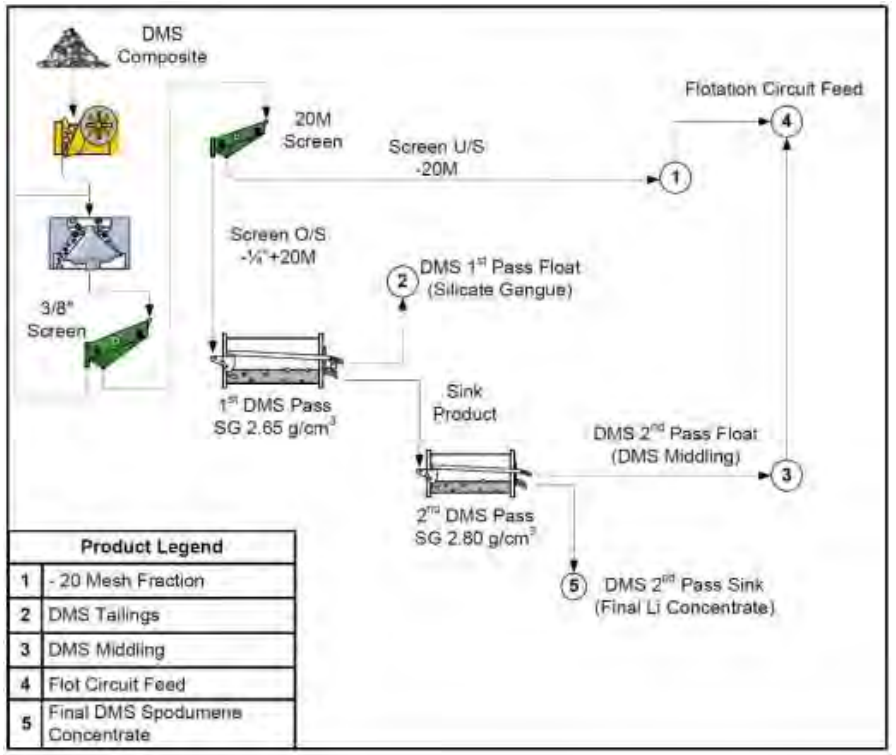
- ❑ Determine physical density and size distribution of crushed material
- ❑ Test use of dense media gravity separation (DMS) methods to produce commercial grade spodumene concentrate
- ❑ Evaluate potential for iron mineral contaminants

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

THANK YOU

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