



# **Lithium & Battery Metals to Power the Green Energy Revolution**

**Investor Presentation**  
March 2023

# 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 Rings Nasdaq Opening Bell

February 24<sup>th</sup>, 2023





# 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 304 km<sup>2</sup>
- **7 drills operating, 3 more contracted, for a total of 10 drills**; plan for 40,000 m campaign in 2 of 64 mineral rights for lithium; **drilling has intersected multiple lithium-bearing pegmatites**; top intersect grade = 3.26% Li<sub>2</sub>O
- **Anitta: 1.1-kilometer spodumene pegmatite** being currently drilled, open along strike and at depth
- **Signed \$65M Memorandum of Understanding with Mitsui & Co., Ltd.** Approached by several other large, global enterprises seeking lithium supply
- Plans already in motion to mine and build/operate **100%-owned plant to annually produce 150,000 tons of lithium concentrate**
- **Clean cap table with no formal debt, no convertible notes**; only payables related to acquisition of mineral rights



# Comparables

## Hard-Rock Lithium Companies



Company	Lithium Properties <sup>1</sup>	Revenues	Market Cap <sup>2</sup>
<b>Sigma Lithium Resources</b> Nasdaq: SGML	<b>47,197 acres</b> (Minas Gerais, Brazil)	None	<b>US \$3.9 Billion</b>
<b>Piedmont Lithium</b> Nasdaq: PLL	<b>3,245 acres</b> (North Carolina, U.S.)	None	<b>US \$1.26 Billion</b>
<b>Atlas Lithium</b> Nasdaq: ATLX	<b>58,774 acres</b> (Minas Gerais, Brazil) <b>16,266 acres</b> (Rio Grande do Norte & Paraiba, Brazil)	None	<b>US \$120 Million</b>

(1) Based on public company filings

(2) As of March 4th, 2023

# Lithium Market

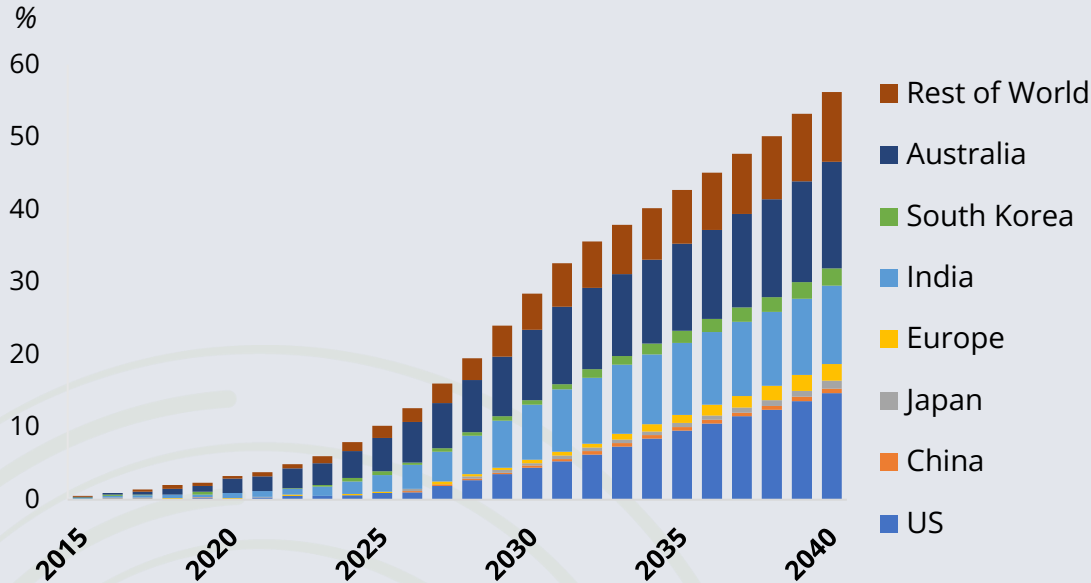
## Surging Demand = High Prices



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) Source: Benchmark Mineral Intelligence

### Lithium Price Index <sup>1</sup>



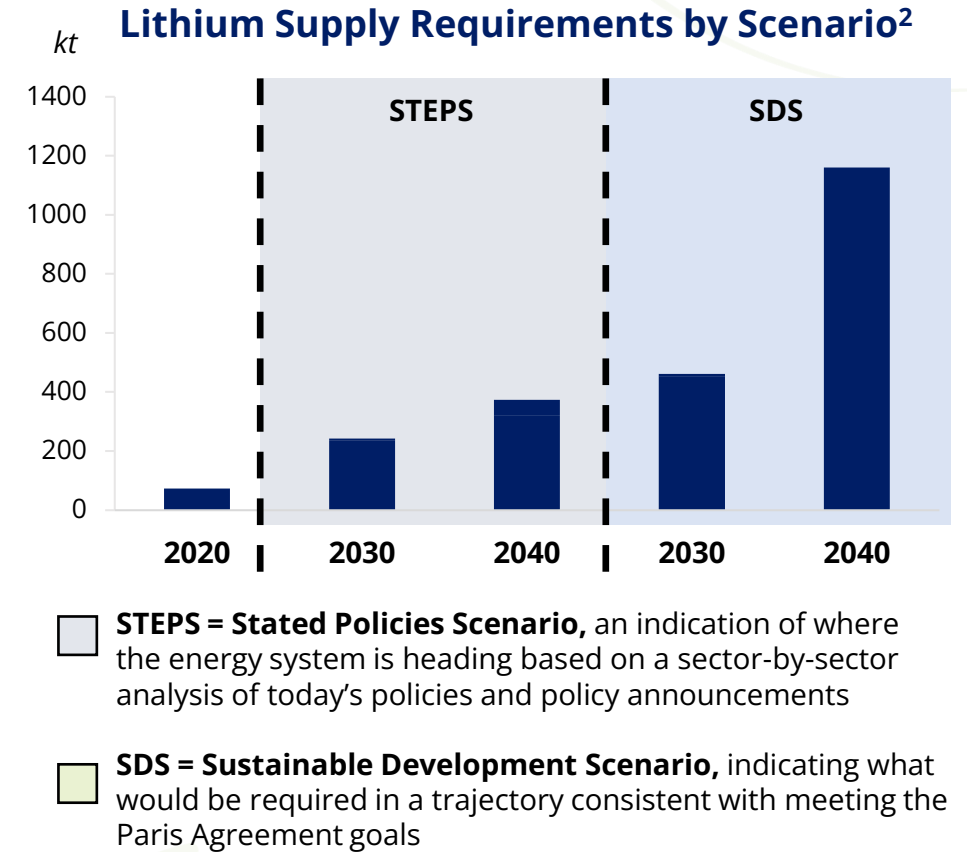
\* **Lithium Concentrate Price in January 2023: ~\$8,300**

# Lithium Supply Requirements

## Accelerating EV Deployment & 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<sup>1</sup>
  - Satisfying battery metals demand for new government-backed sustainability goals will require significant additional lithium supply



(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*

# 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



**Raimundo Almeida**  
VP, Lithium Processing

- 12 years of experience in lithium processing and production of lithium concentrate, incl. Sigma Lithium and AMG



# Board of Directors



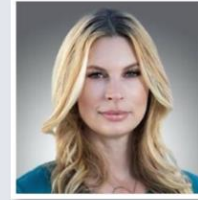
**Ambassador  
Roger Noriega**  
Independent  
Director

- 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



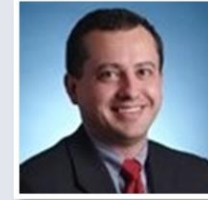
**Stephen Petersen,  
CFA**  
Independent Director

- 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
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# Minas Gerais Lithium Project



- Our flagship Minas Gerais Lithium Project encompasses **57 mineral rights (238 km<sup>2</sup>)** 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<sub>2</sub>O**
- A processing study at SGS-Geosol laboratory showed our ability to concentrate our lithium samples to **6.78% Li<sub>2</sub>O, a commercial grade**

On July 5th, 2022, the Brazilian President signed Decree No 11.120 (the “*New Lithium Decree*”) allowing unrestricted trade of any products containing lithium. The decree modernizes and deregulates the entire lithium sector by eliminating the requirement to solicit quotas and export authorizations by the nuclear authority.



# Neighboring Site

## Sigma Lithium (Nasdaq: SGML)



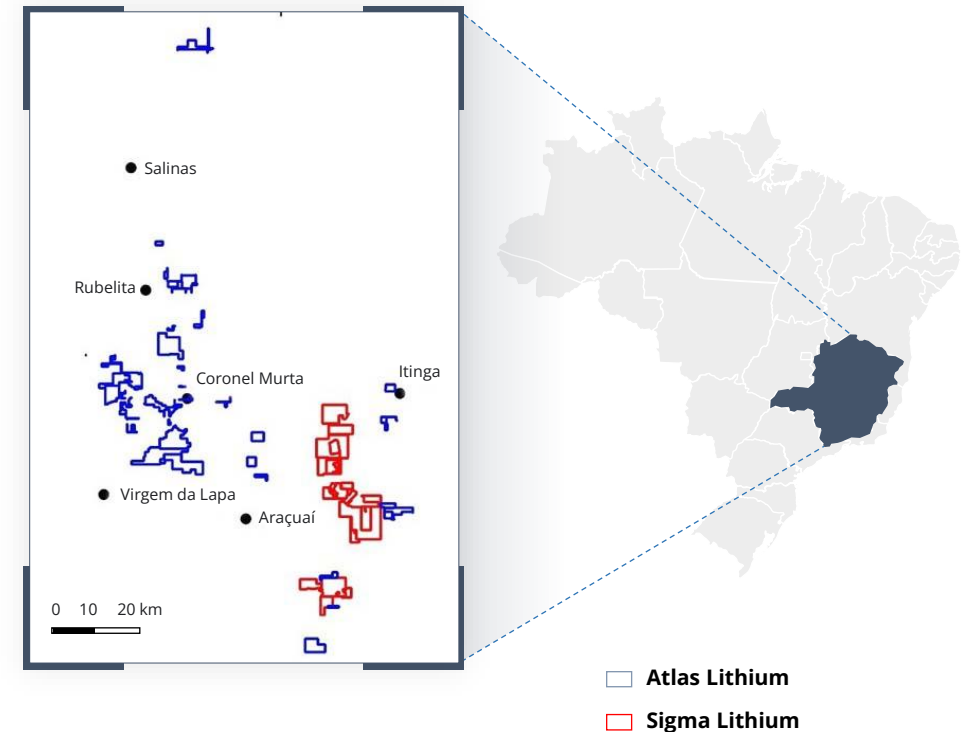
### Sigma Lithium Resources

- The most active lithium explorer in the region with a world-class lithium resource base (currently stands at ~85MT of  $\text{Li}_2\text{O}$  contained within four separate deposits)
- 27 mineral rights spread over 191 km<sup>2</sup>



### 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
- 57 mineral rights spread over 238 km<sup>2</sup>



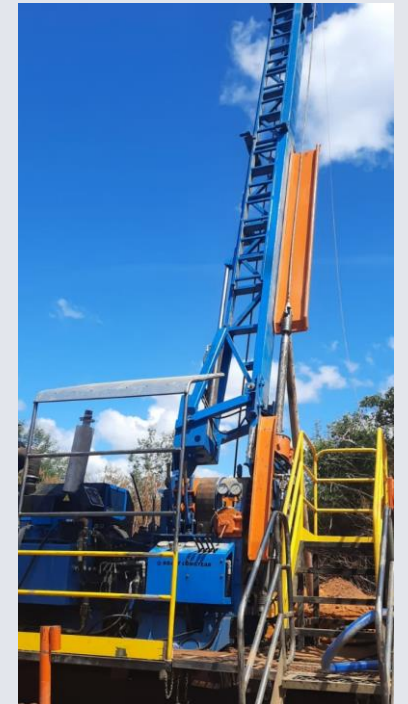
The Company notes that details of projects near or adjacent to the Company's projects are set out for information purposes only and not a guarantee or an indication of the productivity of the geology of the Company's projects.



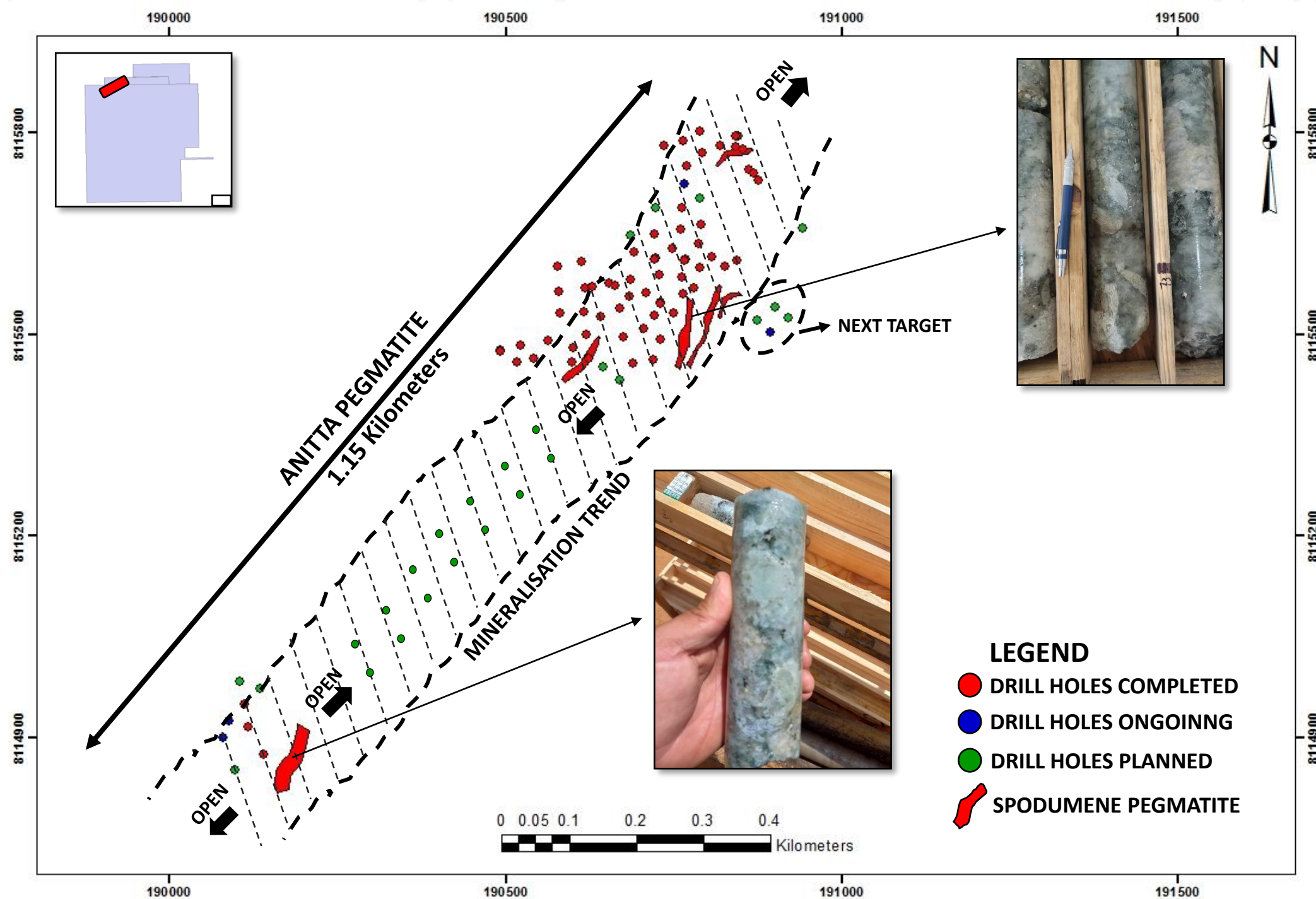
# 40,000-meter Drilling Campaign Planned



## 7 Active Diamond-Core Drills; 3 More Contracted







# High-Grade Lithium Mineralization Intersects



## “Abelha” Target Highlights

(Includes **1.1-kilometer pegmatite** “Anitta”)

- **2.99%** Li<sub>2</sub>O over 5.00 m, **1.94%** Li<sub>2</sub>O over 1.98 m, **1.43%** Li<sub>2</sub>O over 3.05 m (drill hole DHAB-15)
- **2.44%** Li<sub>2</sub>O over 3.15 meters (m) (drill hole DHAB-11)
- **2.35%** Li<sub>2</sub>O over 2.91 m, **1.92%** Li<sub>2</sub>O over 2.00 m, **1.87%** Li<sub>2</sub>O over 2.06 m, **1.39%** Li<sub>2</sub>O over 1.92 m (drill hole DHAB-57)
- **2.24%** Li<sub>2</sub>O over 4.05 m, **2.00%** Li<sub>2</sub>O over 3.15 m, **1.74%** Li<sub>2</sub>O over 0.84 m, **1.60%** Li<sub>2</sub>O over 1.40 m, **1.48%** Li<sub>2</sub>O over 0.86 m, **1.35%** Li<sub>2</sub>O over 1.86 m (drill hole DHAB-11B)
- **1.80%** Li<sub>2</sub>O over 6.00 m (drill hole DHAB-21)
- **1.72%** Li<sub>2</sub>O over 4.00 m, **1.60%** Li<sub>2</sub>O over 2.19 m, **1.41%** Li<sub>2</sub>O over 2.00 m, **1.38%** Li<sub>2</sub>O over 1.00 m (drill hole DHAB-41)

# Projects & Properties



## Battery Metals Portfolio 100%-Owned

**Lithium**  
(MG & RN/PB)  
75,040 Acres (304 km<sup>2</sup>)

**Nickel**  
54,950 Acres (222 km<sup>2</sup>)

**Rare Earths**  
30,054 Acres (122 km<sup>2</sup>)

**Titanium**  
22,050 Acres (89 km<sup>2</sup>)

**Graphite**  
13,766 Acres (56 km<sup>2</sup>)

## Gold-Focused 28%-Owned

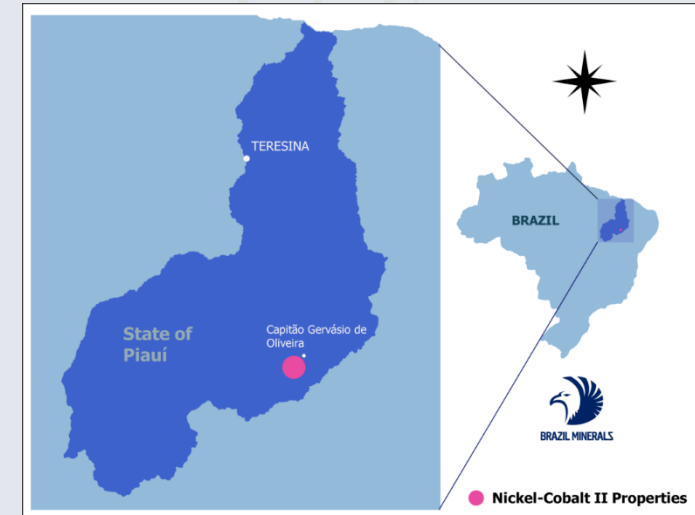
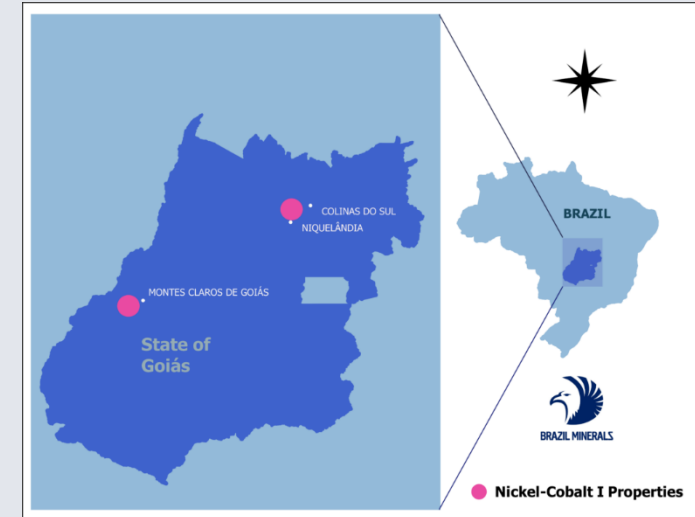


## Iron-Focused 45%-Owned



# Nickel

- 222 km<sup>2</sup> 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

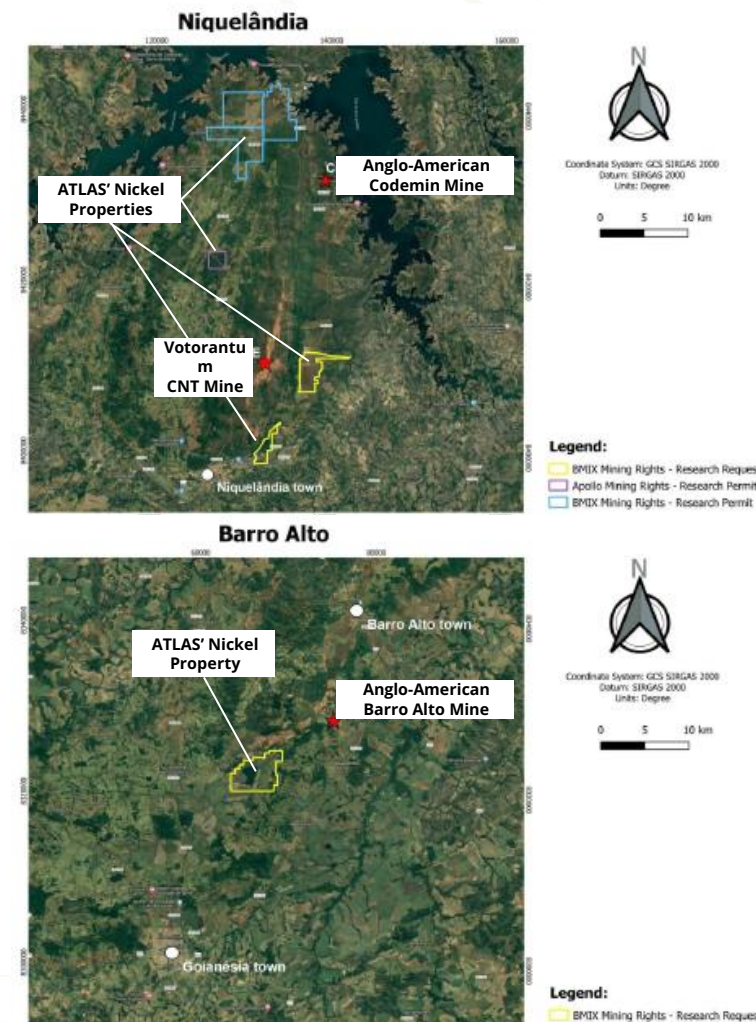


### Niquelandia District

- Brazil's 'Nickel Capital' producing for the past with 40+ years
- 76 km<sup>2</sup> (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 Votorantim's CNT mine property

### Barro Alto District

- Located 75 km southwest of Niquelandia
- 19 km<sup>2</sup> (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



# Strategic Investments



## Apollo Resources Corp.

- **Atlas Lithium owns 45%**  
(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 late 2023



## Jupiter Gold Corp. (OTCQB: JUPGF)

- **Atlas Lithium owns 28%**
- 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
- Quartzite project with expected revenue in 2023



# Apollo Resources

## 100%-Owned Iron Projects



Project Name	Mineral	Location in Brazil (State)	Area (Acres)	Highlights
<b>Rio Piracicaba</b>	Iron Ore	Iron Quadrangle, Minas Gerais	641	<b>In Operational Licensing:</b> 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
<b>Barão de Cocais</b>	Iron Ore	Iron Quadrangle, Minas Gerais	363	<b>Exploration Stage:</b> Geochemical surface sampling up to 62% of iron ore grade; excellent logistics; close to producing iron mines
<b>Itabira</b>	Iron Ore	Iron Quadrangle, Minas Gerais	3,792	<b>Exploration Stage:</b> Geochemical surface sampling up to 53% of iron ore grade; excellent logistics; close to producing iron mines
<b>Alagoas</b>	Iron Ore	Alagoas	31,173	<b>Exploration Stage:</b> 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
<b>Minas Norte</b>	Iron Ore	Minas Gerais	16,727	<b>Exploration Stage:</b> Known iron deposits in nearby areas; our areas show promising geophysical anomaly
<b>Mato Grosso do Sul</b>	Iron Ore	Mato Grosso do Sul	4,969	<b>Exploration Stage:</b> Large area with potential for a large project; located in a well-know iron ore district, the third in total production in Brazil
<b>Projects located in different iron ore provinces in Brazil, including three in the well-known "Iron Quadrangle"</b>			<b>57,665</b>	<b>One project de-risked and in operational licensing and strong pipeline of additional high-quality iron mineral rights</b>

# Jupiter Gold

## 100%-Owned Projects



Project Name	Mineral	Location in Brazil (State)	Area (Acres)	Highlights
Alpha	Gold	Minas Gerais	28,167	<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	24,610	<b>Exploration Stage:</b> Premier new gold mining district of Alta Floresta. Our area is located adjacent to a producing gold mine
Quartzite	Quartzite	Minas Gerais	233	<b>In Operational Licensing:</b> 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	<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
Crixás	Gold	Goiás	3,068	<b>Exploration Stage:</b> Indications of targets from artisanal mining
Cavalcante	Gold	Goiás, Tocantins	4,771	<b>Exploration Stage:</b> Indications of targets from artisanal mining
Brotas	Gold, Palladium, Platinum	Bahia	9,578	<b>Exploration Stage:</b> 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



# 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<sup>1</sup>** driven by accelerating EV deployment
- 3 Opportunity to capitalize on scarce lithium supply for foreseeable future** showcased by MOU with Mitsui, a global company in the lithium supply chain
- 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 Clean cap table with no formal debt, no convertible notes;** only payables and mostly related to acquisition of mineral rights



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

# Contact

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