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Exploring Battery Metals in South America

March 2023

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Historical data

Some of the results reported are historical and may not have been verified by the Company. All technical information in this presentation have been reviewed and approved by Fred Tejada, PGeo, a Qualified Person as defined by Canada's National Instrument 43-101.

Mineralisation hosted on adjacent and/or nearby and/or geologically similar properties is not necessarily indicative of mineralization hosted on the company property.

Authorisation

This presentation has been approved for issue by, and enquiries regarding this presentation may be directed to Matthew Boyes, Solis Minerals Managing Director. Email: mboyes@solisminerals.com.au

Competent Person Statement

Information in this Presentation that relates to Exploration Results and Exploration Targets is based on information completed by Mr. Anthony Greenaway, who is a member of the Australasian Institute of Mining and Metallurgy. Mr. Greenaway is an employee of Solis Minerals and has sufficient experience which is relevant to the style of mineralisation and types of deposits under consideration and to the activities undertaken to qualify as a Competent Person as defined in the 2012 Edition of the "Australian Code for Reporting of Mineral Resources and Ore Reserves". Mr. Greenaway consents to the inclusion in this report of the matters based on information in the form and context in which it appears.

No new information that is considered material is included in this document. All information relating to exploration results has been previously released to the market and is appropriately referenced in this document. JORC tables are not considered necessary to accompany this presentation.

Company Overview

60.5M

Shares on issue

87.6M

Shares fully diluted

24.35M

Warrants outstanding

2.88M

Options outstanding

\$9.7M

Market Cap

62%

Top 20 Shareholders

Board

Christopher Gale

NON-EXECUTIVE CHAIRMAN

Kevin Wilson

NON-EXECUTIVE DIRECTOR

Chafika Eddine

NON-EXECUTIVE DIRECTOR

Matthew Boyes

EXECUTIVE DIRECTOR

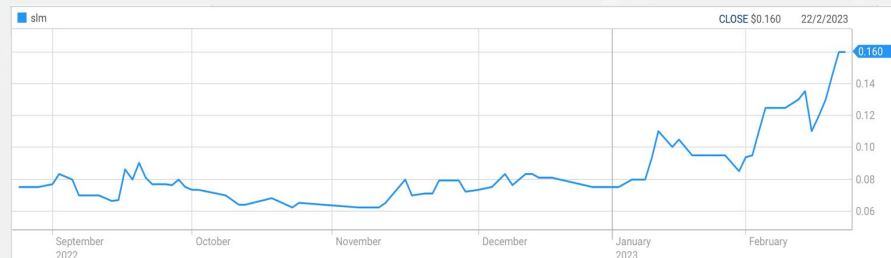
Michael Parker

NON-EXECUTIVE DIRECTOR

Jason Cubitt

NON-EXECUTIVE DIRECTOR

12 Month Share Price History



Major Shareholder

14%



Ready to supply the Gigafactory boom

13 additional Gigafactories will become operational in the US in the next 5 years

New US climate bill¹ will incentivise expanding renewable energy and include EV tax credits²

Requires EV production meets stringent sourcing constraints, including supply from US or countries with free trade agreement



¹ US Climate Bill subject to House approval
² Source: US Department of Energy, McKinsey

Project Locations



Exploring Battery Metals in South America

Li

Cu

Borborema Lithium Project

Brazil



Disclaimer:
Please note this is photo was not taken on
Solis Minerals ground.

Borborema Lithium Project

Strategic landholding

22 exploration licences acquired covering 25,800Ha in north east Brazil, terrain with geological setting very similar to the Latin Resources Colina deposit* (LRS:ASX)

Very little to no systematic modern exploration for Lithium-Cesium-Tantalum (LCT) bearing pegmatites

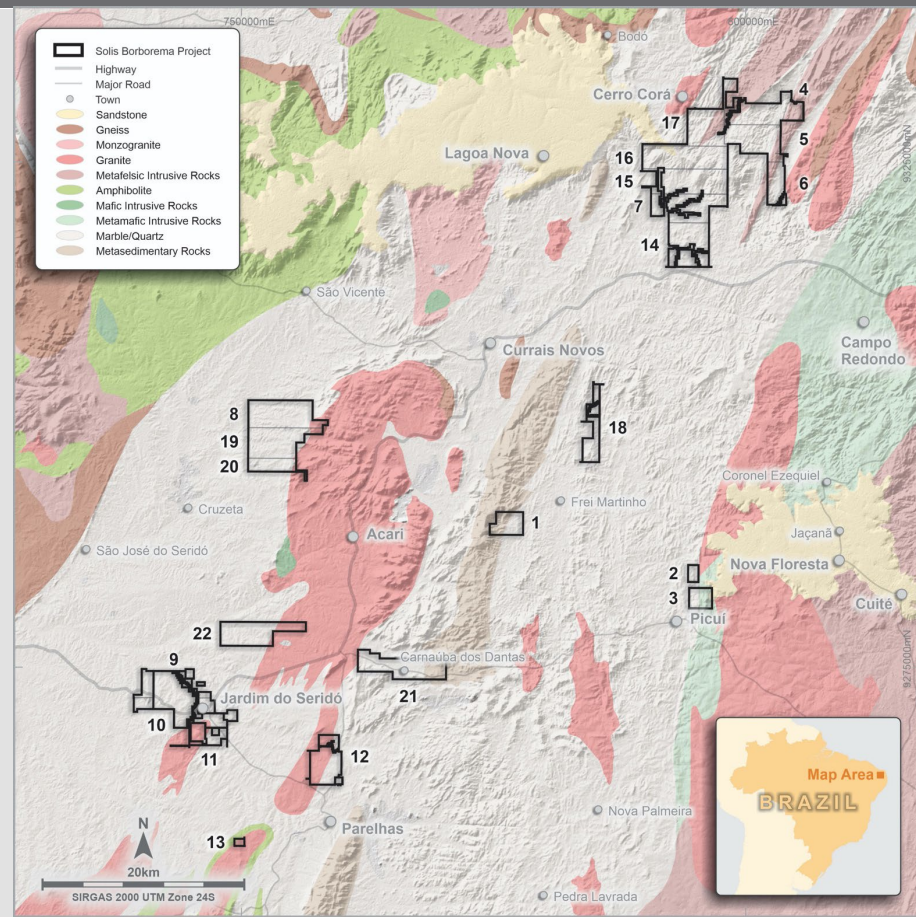
Tenements straddling contact zones of intrusive granitoid bodies and metavolcanic-metasediment units

Excellent access and infrastructure with major regional centres of Recife and Natal close to project area

Historically tantalum-niobium and tin have been mined within the province from pegmatite bodies

Team to deploy in the short term to commence regional reconnaissance, mapping and initial target definition

* Refer to ASX Announcement dated 15 February 2023



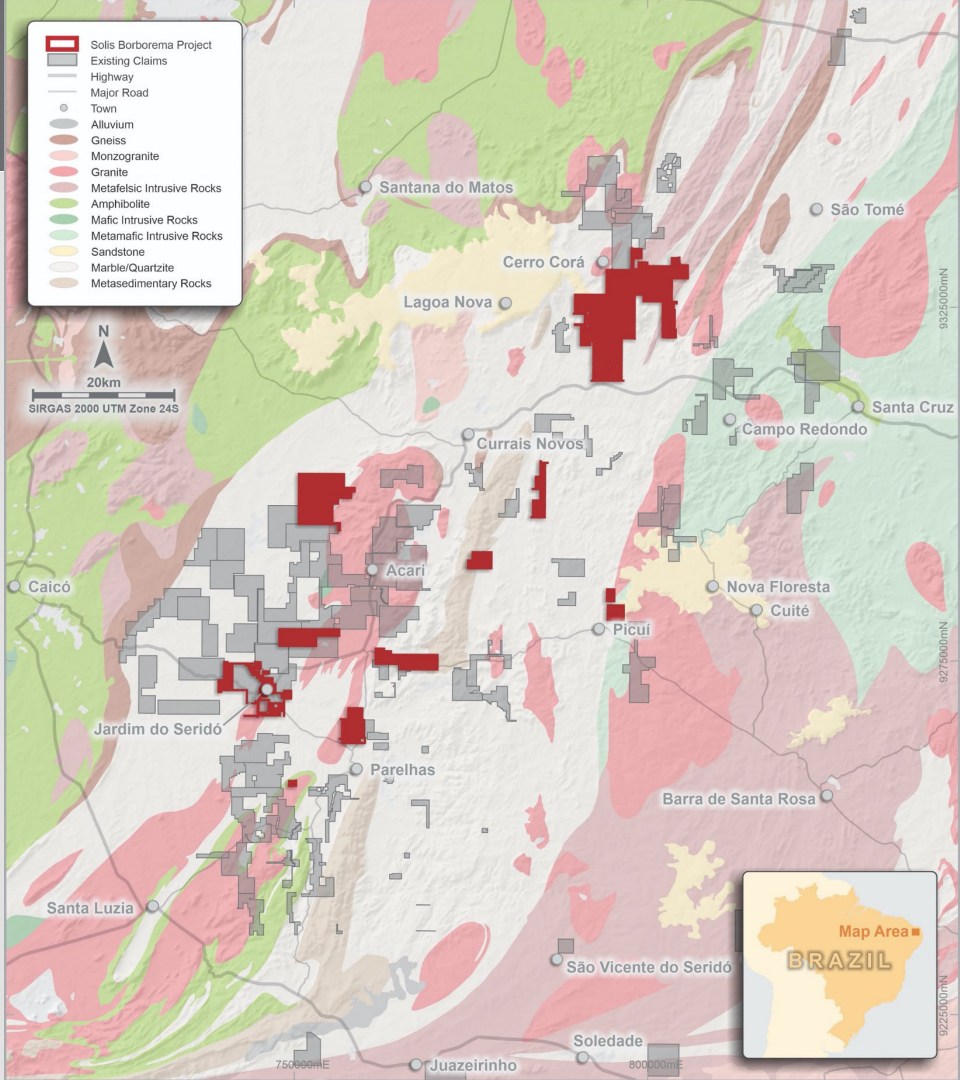
Borborema Lithium Project

Opportunity to expand

Solis continuing to look to expand footprint in the north east and central Minas Gerais province

Management sees significant potential and opportunity to secure quality exploration licences in an underexplored province

Existing areas already licenced for lithium exploration in close proximity to recently acquired licences



Ilo Norte, Ilo Este and Cinto Projects

Southern Peru



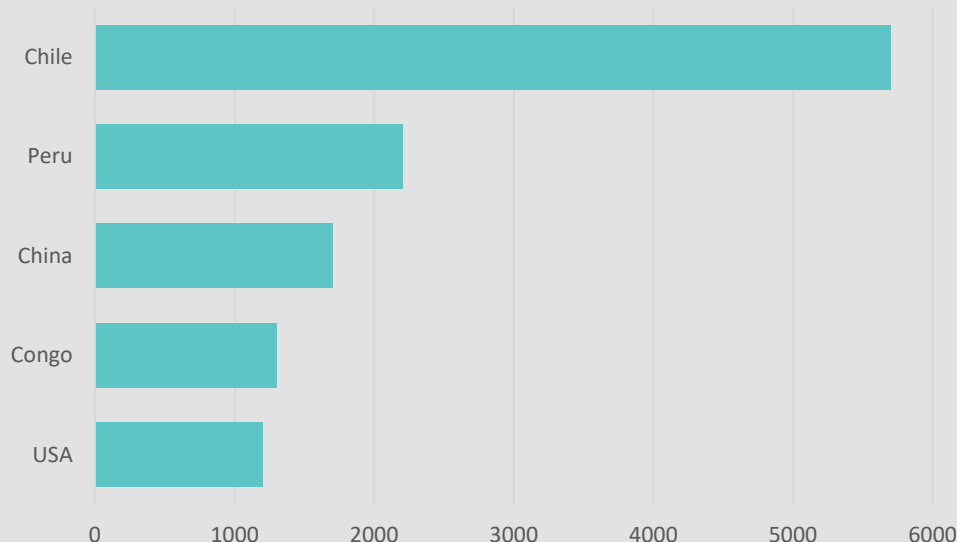
Why Latin America

Solis Minerals' projects are located in the heart of one of the highest copper producing belts in the world

The objective of the company is to create significant shareholder value by exploring and developing its copper projects in the world's number one and two copper producing countries in order to feed the world's insatiable appetite for the red metal – copper!

1. Latin America has the world's largest reserves of copper
2. Peru & Chile produce one-third of the world's copper supply

Largest copper producing countries in the world by 2020 mining production (million tonnes)



Source: U.S. Geological Survey, Mineral Commodity Summaries, January 2021

Ilo Norte and Ilo Este

Large land position

Two project areas located in the Iron Oxide Copper Gold (IOCG) and the Porphyry district of the Ilo region of southern Peru – Ilo Norte and Ilo Este

Excellent infrastructure – roads, power, ports

Copper deposits in the region*:

Tia Maria	640Mt @ 0.39% Cu
Cuajone	2300Mt @ 0.48% Cu
Toquepala	3300Mt @ 0.47% Cu
Quellaveco	1007Mt @ 0.44% Cu
Mina Justa	413Mt @ 0.79% Cu

* Source: Quantitative Mineral Resource Assessment of Copper, Molybdenum, Gold and Silver in Undiscovered Porphyry Copper Deposits in the Andes Mountains of South America (2008). Prepared and published jointly by the geological surveys of Argentina, Chile, Colombia, Peru and the United States. Open-File Report 2008-1253, version 1.0



Ilo Norte and Ilo Este

Southern Peru hosts over 125 Billion pounds of contained copper in published reserves and resources

- Southwest copper belt of Peru. Large alteration/mineralisation zones, 100% owned by Solis, having been acquired from Latin Resources in 2018

Ilo Norte

77km² of licenses, just north of Southern Peru Copper's Ilo copper smelter & refinery

IOCG with high-grade skarn mineralisation

Metamorphosed Jurassic-age volcanic sediments

10km-long alteration system

15,348m of historical drilling - including 0.93% Cu over 30 metres*

Ilo Este

32km² of licences, just east of Ilo copper smelter & refinery

Large eroded porphyry with gold, silver and molybdenum

Metamorphosed Jurassic-age volcanic sediments

Mineralisation mapped over 3km²

9,523m of historical drilling

*Refer to Latin Resources Limited's ASX Announcement dated 3 March 2015

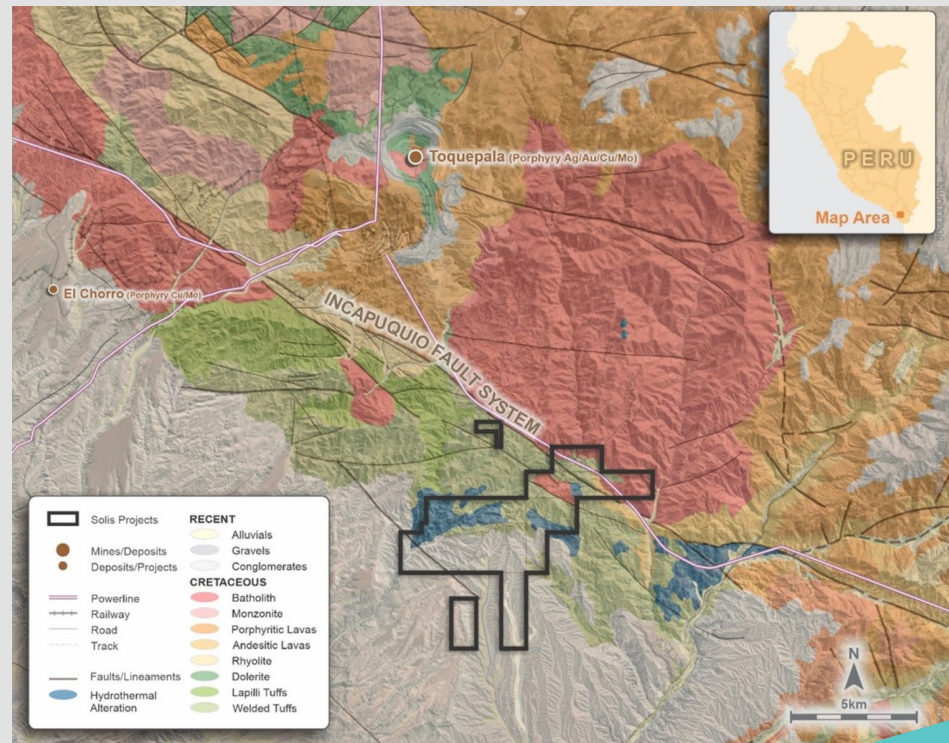


The Cinto Copper Project consists of seven tenements totalling 3,200ha in the highly prospective southern Peruvian copper belt, located some 15km to the southeast of the world class Toquepala Au/Ag/Cu/Mo porphyry mine

The northern permits are underlain by igneous rocks of the Cretaceous Toquepala Group and the Late Cretaceous-early Tertiary batholith related to the Toquepala porphyry mine some 15km to the northwest

The regional Incapuquio fault system crosses the permits and the underlying igneous rocks are covered by recent sediments, generally south of the fault and increasing in thickness to the southwest

Several zones of hydrothermal alteration in the concessions are noted in published geological maps



* Source: Quantitative Mineral Resource Assessment of Copper, Molybdenum, Gold and Silver in Undiscovered Porphyry Copper Deposits in the Andes Mountains of South America (2008). Prepared and published jointly by the geological surveys of Argentina, Chile, Colombia, Peru and the United States. Open-File Report 2008-1253, version 1.0



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