



Driving Lithium Exploration in Brazil

November 2023

ASX: **SLM** TSXV: **SLMN**

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Historical data

No Historical data has been published with this current presentation

Authorisation

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

No New Exploration Results

No new information that is considered material is included in this document. All information relating to exploration results has been previously released. The Company confirms that it is not aware of any new information or data that materially affects the information in the relevant announcement. In relation to the disclosure of visual occurrences of pegmatite and spodumene in samples, the Company cautions that visual estimates of mineral abundance should not be considered a proxy or substitute for laboratory analyses where concentrations or grades are the factor of principal economic interest. Visual estimates also potentially provide no information regarding impurities or deleterious physical properties relevant to valuations.

Australian exploration in South America

Lithium assets in Brazil and copper tenements in Peru



Aggressively exploring a high-grade lithium portfolio in the emerging Borborema district of Brazil



Led by a **highly experienced team** with a history of rapid resource growth



Borborema has drill ready targets and approvals in place for **Estrela** and **Mina Vermelha** (drilling underway)



Brazil is a supportive **lithium mining jurisdiction** and Solis offers exciting exposure to exploration success

Lithium market supply and demand

The lithium market needs massive growth in supply to meet future demand forecasts

Recent price declines have been well documented, the looming supply shortfall is less well understood

Demand in lithium markets is forecast to create a fundamental shortage in supply from 2030

This supply gap is forecast to be 3.1x the deficit that drove price increases seen in 2022, increasing to 6.3x in 2040¹

In parallel, Western companies are increasingly required to verify their supply chain sources constraints from responsible partners

The average lithium mine production is 45kt Li₂O p.a¹

~34 new projects are now required by 2030 to meet forecast demand

Lithium in Brazil

Brazil is a fast-growing and emerging lithium jurisdiction with a supportive framework already in place

Significant Government incentivisation of mining operations through the provision of royalties at local level

Lack of modern exploration across the jurisdiction provides upside for juniors in the space

Positive mining sentiment from local labour force who have extensive knowledge of the region's surface geology

Established infrastructure in place including sealed roads and access to major export ports





Exploring Battery Metals in South America

Li

Cu

Borborema Lithium Project

Strategic landholding assembled

24 exploration licences acquired covering
26,400Ha in northeast Brazil

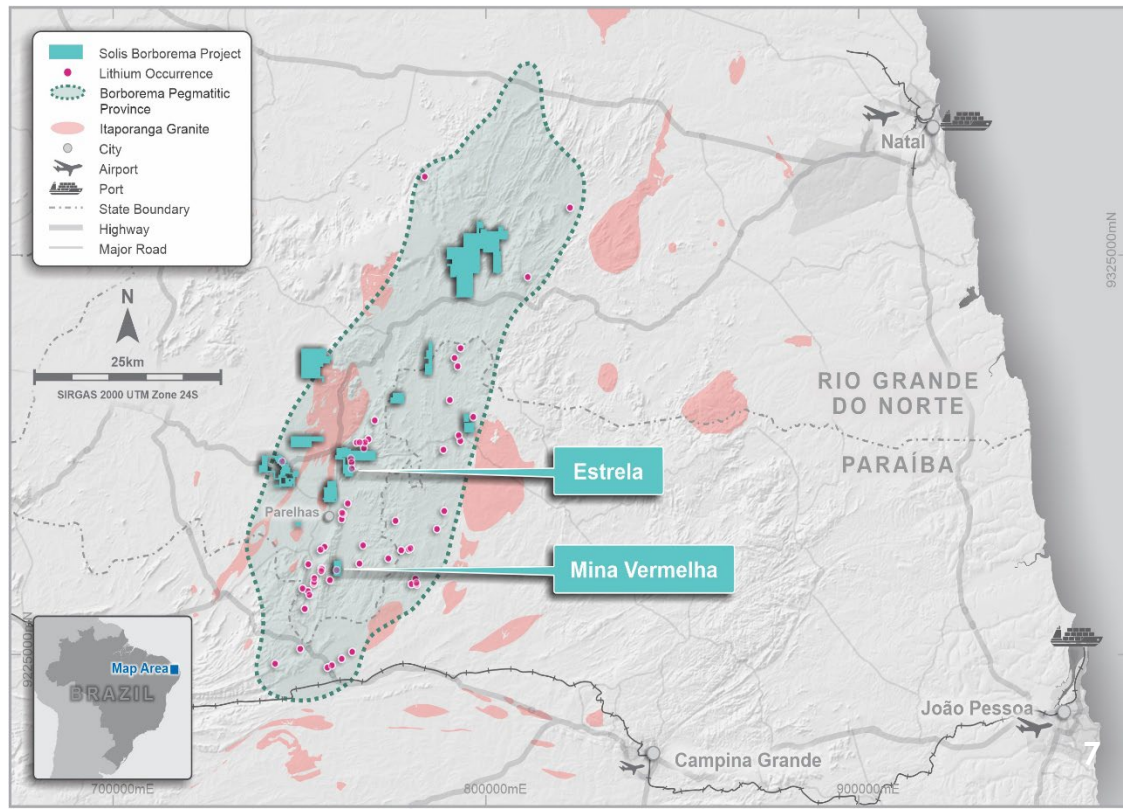
No significant systematic modern exploration for
Lithium-Caesium-Tantalum (LCT) bearing
pegmatites

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

Excellent access and infrastructure with major
regional centres of Recife² and Natal³ close to
project area

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

2 - Parelhas to Natal is 291km by road
3 - Parelhas to Recife is 349km by road



Borborema – Estrela Prospect

Drilling underway

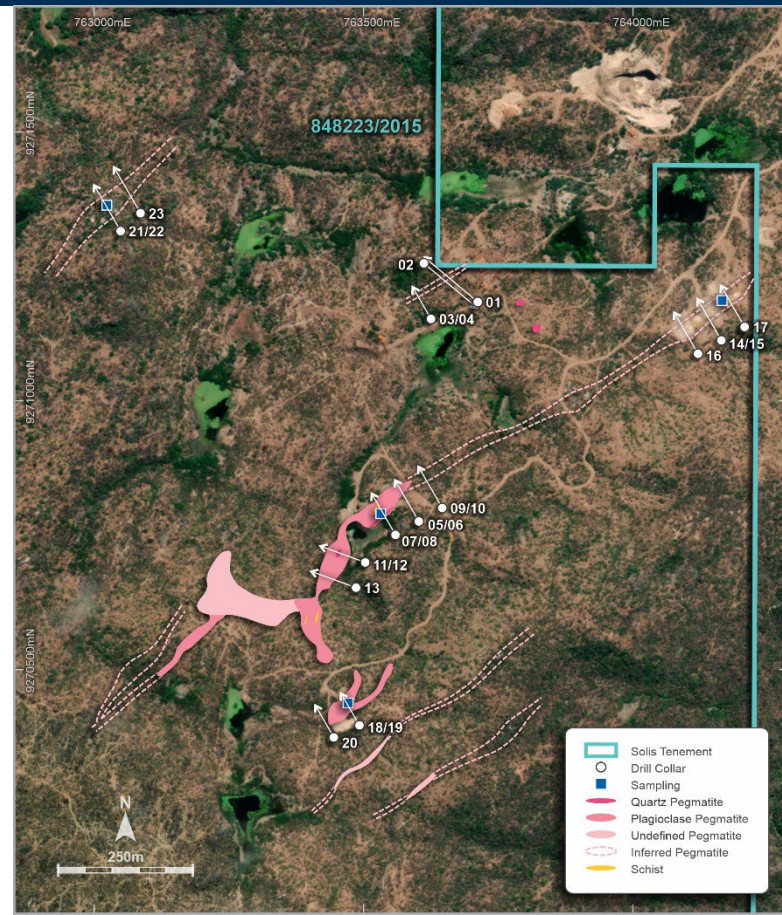
The diamond drill programme has commenced on the Estrela Prospect that previously returned rock chips of up to 7.6% Li_2O^4 .

Two large capacity track mounted rigs are targeting four separate outcropping pegmatite bodies.

Each has been confirmed as spodumene bearing, representing over 1.2km of surface strike extension.

The drilling program is scheduled for 3,600m across 23 drill holes

With the second rig now on site, the initial programme is targeting completion prior to the end of 2023



Borborema – Mina Vermelha Prospect

Preparation works underway

Solis holds an option to purchase the Mina Vermelha tenements, 16km south of the town of Parelhas on the same regional trend as Estrela

The tenements cover ~500ha and includes a mining lease on 6ha that includes one of six known outcropping pegmatites on the lease.

Preparation works underway at Mina Vermelha for the upcoming 1,420m diamond drill programme.

Grab samples previously confirmed grades of 3.45% and 3.07% Li_2O from outcropping pegmatites.⁵

A caesium assay of 28.3% Cs was confirmed from within the southernmost pegmatite – confirming the system as LCT bearing.⁵



Exciting near-term exploration activity

Borborema is building positive momentum across multiple workstreams

No systematic lithium exploration has been conducted in the region despite a long history of mining

Acceleration of the diamond drill program at Estrela underway with known pegmatites to be tested before year end

Aggressive expansion efforts within the Borborema province which includes the recent acquisition of Mina Vermelha and additional acquisitions in negotiation

Federal and local government are incentivised with mining royalty legislation aligning them with the Companies progress towards production⁶

Proven and experienced Board with a history of successful resource definition in South America



Company Overview

87.8M

Shares on issue

103.4M

Shares fully diluted

15.6M

Options/Warrants
outstanding

42%

Top 20
Shareholders

\$25.5M

Market Cap

\$10.4M

Cash on hand
Aug Qtr

Board

Christopher Gale

NON-EXECUTIVE CHAIRMAN

Kevin Wilson

NON-EXECUTIVE DIRECTOR

Chafika Eddine

NON-EXECUTIVE DIRECTOR

Matthew Boyes

EXECUTIVE DIRECTOR

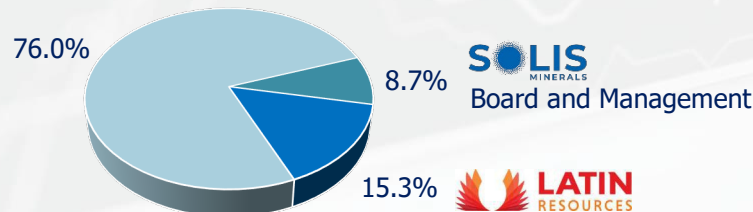
Michael Parker

NON-EXECUTIVE DIRECTOR

6 Month Share Price History



Shareholder Registry





Solis Minerals Ltd.

TSX-V: SLMN

ASX: SLM

OTCQB:SLMFF

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