

Driving Critical Mineral Exploration in South America

May 2024

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



Focused on a busy exploration program targeting commodities poised to benefit from the energy transition



Tenements and applications are located across a **highly prospective and emerging Peruvian belt with porphyry copper potential**



Led by a **highly experienced team** with a history of rapid resource growth and generation of strong shareholder value



Brazil and Peru are standout **mining jurisdictions** and Solis offers exciting exposure to exploration success across a key commodity mix

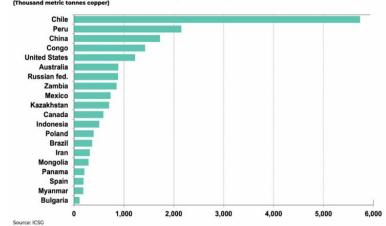
Copper Market Outlook



Source: Bloomberg (May 2024)

- The price of Copper is up 35% in 2024, reaching a record high of \$11,000 per tonne in May¹
- Closure of Canadian miner First Quantum's Cobre Panama mine has contributed to price increases²
- The Cobre mine accounted for approximately 1.5% of global production of Copper²
- 427MT of copper will be needed by 2050 to meet growing demands³

World Copper Production, by Country 2020



^{1:} Jeff Currie: Copper Is The Best Trade Of My Career | OilPrice.com

^{2.} Copper Prices Surging As First Quantum's \$10B Mine in Panama Sits Idle (businessinsider.com)

^{3.} A Power Grid Long Enough to Reach the Sun Is Key to the Climate Fight (BloombergNEF)

Copper in Peru

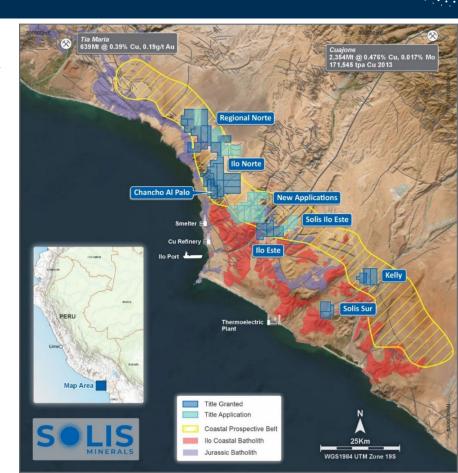
Peru is a top contributor for the global supply of copper, responsible for 10% of global production¹

Solis holds an extensive landholding of 43,500 hectares, primarily situated along the coastal porphyry belt, which is underexplored and provides excellent prospectivity

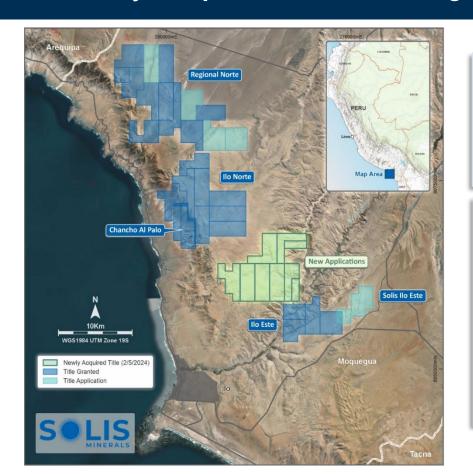
The eastern margins of the batholiths represent highly prospective areas for porphyry copper occurrences

Positive sentiment from local labour force who have extensive experience of mining in the region.

Established infrastructure in place including sealed roads major export port facilities and third-party smelting capacity



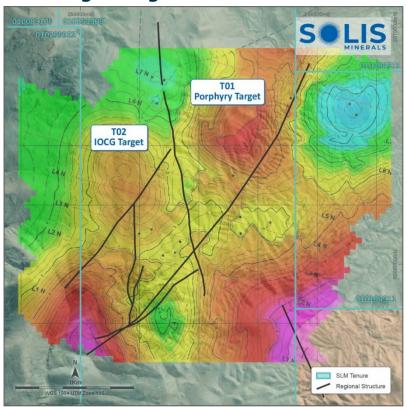
Newly Acquired Landholdings in Peru



- New applications cover 6,400 hectares of highly prospective copper ground across a coastal belt located directly between Ilo Norte and Ilo Este
- Areas were previously held by Anaconda Copper and ground visits completed indicate the area has received limited exploration
- Solis has identified alteration and copper mineralisation in outcrops 8km north-west along strike, in a similar geological setting to known porphyry-style mineralisation at Ilo Este
- Mapping crews are being mobilised to site to identify areas of highest prospectivity
- Low-cost drone magnetic studies and remote sensing data interpretation to be carried out and followed up with IP studies over areas of interest to identify and evaluate primary drill targets

Chancho al Palo (Ilo Norte) - Peru

Drill Target Stage



Consists of four contiguous concessions covering 3,300 ha located in southern Peru's costal copper belt

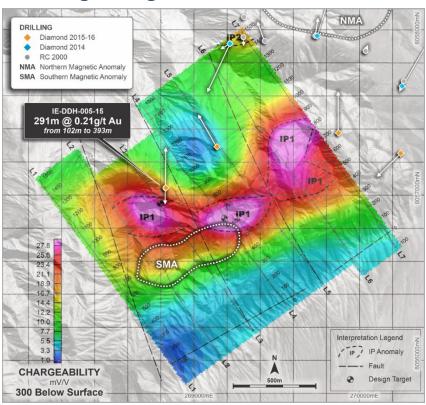
- Significant geophysical targets identified following IP results with surface exposure confirming copper mineralisation
- Two main potential mineralisation styles evident:
 - Western area is prospective for IOCG (Iron oxide copper gold) style mineralisation
 - North eastern section demonstrates porphyry potential

Next Steps

- Drill targets identified and initial drill programme will commence shortly after the granting of necessary EIA and drill permits
- Access points for the drill programme identified

Ilo Este - Peru

Drill Target Stage

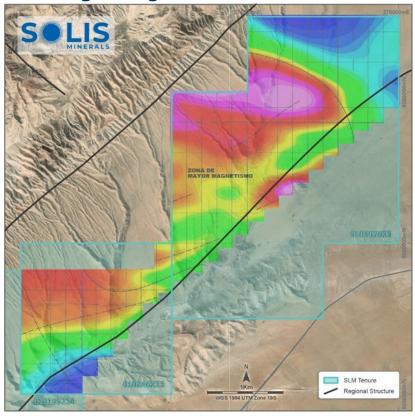


A large copper porphyry system with coincident gold located within southern Peru's costal copper belt

- Mineralisation has been mapped at surface coincident with major IP anomalies
- Magnetic and IP surveys have identified priority drill targets
- Targets close to surface within 250m and not under transported cover
- Drill permitting to test these targets is underway
- Environmental monitoring programmes are underway
- Drill sites in more accessible part of licence

Ilo Este extension - Peru

Drill Target Stage



A large copper porphyry system, extension to the north east of existing Ilo Este known mineralisation

- No known exploration carried out
- Excellent geological setting with recently flown drone magnetic anomaly coincident with major regional structure
- Anomaly sits under shallow cover with easily accessible drill sites

Next Steps

- Geophysical programmes and surface sampling, noninvasive works until full granting of permits received
- EIA to be started immediately upon granting to continue with pipeline of drill targets and project generation

Cinto-Peru

Community Engagement and Prelim EIA Stage



Located 15km SE of the major Toquepala Cu porphyry deposit in northern Tacna

- Located in main porphyry belt in Peru, close to major discoveries and operating mines
- Surface expression of copper oxides evident situated on extension of major regional fault structure
- Community engagement has commenced and is a key part of the process to advance drill permitting
- Local communities significantly benefit from Toquepala development and production and are supportive of the investment

Next Steps

 Drill site and targeting aiming for drill permits in late 2024

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



Borborema Lithium Project

Strategic landholding assembled

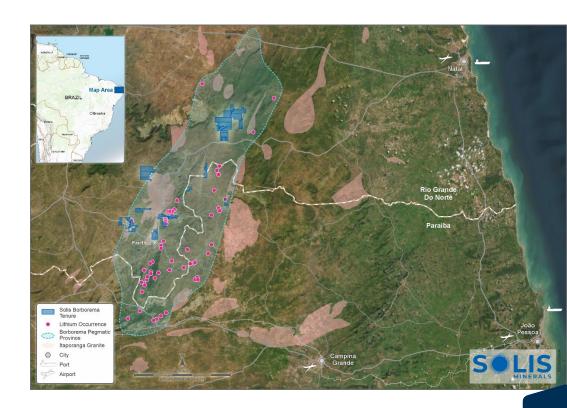
24 exploration licences acquired covering 26,400Ha in northeast Brazil

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

Company Overview

87.8M

Shares on issue

103.4M

Shares fully diluted

15.6M

Options/Warrants outstanding

\$11.4M

Market Cap

51%

Top 20 Shareholders

\$5.6M

Cash on hand March Otr

Board

Christopher Gale

NON-EXECUTIVE CHAIRMAN

Kevin Wilson

NON-EXECUTIVE DIRECTOR

Chafika Eddine

NON-EXECUTIVE DIRECTOR

Matthew Boyes

EXECUTIVE DIRECTOR

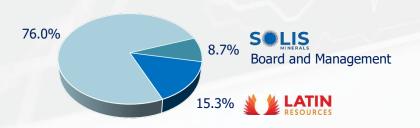
Michael Parker

NON-EXECUTIVE DIRECTOR

12 Month Share Price History



Shareholder Registry





Solis Minerals Ltd.

TSX-V: SLMN ASX: SLM OTCQB:SLMFF

Investor Inquiries:

Stephanie Richardson & Cameron Gilenko Morrow Sodali s.richardson@morrowsodali.com Phone: +61 (8) 6160 4900

Company Details:

Address: Unit 3, 32 Harrogate Street, West Leederville WA 6007

Phone Australia: +61 (08) 6117 4795 Phone Canada: +1(604) 209-1658

www.solisminerals.com

Email: info@solisminerals.com.au