

# Corporate Presentation

Update Presentation

### October 2024

ASX: SLM TSXV: SLMN

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#### **Historical data**

No Historical data has been published with this current presentation

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#### **Competent Person**

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.

\* Source: Copper Mine Production in Peru from 2010 to 2023

- \*\*LRS ASX Announcement dated 22 December 2014 Copper Mineralisation Continues Over 1.1km of Strike At Ilo Este Copper Porphyry
- \*\*LRS ASX Announcement dated 03 February 2015 Copper Mineralisation Confirmed over 1.1km of Strike at Ilo Este Copper Porphyry
- \*\*LRS ASX Announcement dated 25 January 2016 More Copper Mineralisation at Ilo Este Porphyry Copper Project, Ilo, Peru
- \*\*\*SLM ASX Announcement dated 17 September 2024 Guaneros Drone Mag and Geochemistry Identifies Targets
- \*\*\*\*SLM ASX Announcement dated 13 December 2023 Anomaly confirms drill target zone at Ilo Este, Peru
- \*\*\*\*\*SLM ASX Announcement dated 15 October 2024 Solis Completes Magnetic Survey at Cinto

\*\*\*\*\*\*SLM ASX Quarterly Report dated 28 April 2023 - Quarterly Activities Report

These announcements may be viewed at www.soliciminerais.com and www.ass.com.au. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

#### **Qualified Person**

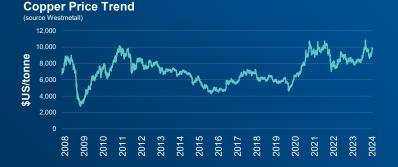
The technical information in this news release was reviewed by Michael Parker, a Fellow of the Australian institute of Mining and Metallurgy (AusIMM), a qualified person as defined by National Instrument 43-101 (NI 43-101).

#### Authorisation

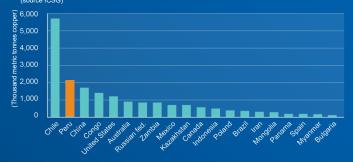
This presentation has been approved for issue by, and enquiries regarding this presentation may be directed Mike Parker, Solis Minerals Executive Director. Email: info@solisminerals.com.au

### **Copper Market Outlook**





World Copper Production, by Country 2020 (source ICSG)



35%↑

The price of Copper reached a record high<sup>1</sup> above \$11,000 per tonne in May 2024

427MT

427MT of copper will be needed by 2050 to meet growing demands<sup>3</sup>

1.5%

The Cobre Panama mine accounted for approximately 1.5% of global production of Copper<sup>2</sup> Closure of Canadian miner First Quantum's Cobre Panama mine has contributed to price increases<sup>2</sup>

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)

### **Experienced Board and Management team**



Highly experienced Board and management team with a track record of discovery and realising commercial value



Christopher Gale Non-Executive Chairman

25-year career in commercial and financial roles in public and private companies, and a track record of commercial outcomes with the pending sale of Latin Resources (ASX:LRS) to Pilbara Minerals (ASX:PLS) for circa \$600m He is the founding director of boutique corporate advisory firm Allegra Capital and is a member of the Australian Institute of Company Directors (AICD).



Chafika Eddine Non-Executive Director

Over 20 years of experience in corporate governance and sustainability. Chafika has worked and lived in the Americas and Europe, holding positions as VP Corporate Affairs for Bear Creek Mining, during the discovery of the Corani deposit, and Director Corporate Social Responsibility for Hudbay Minerals throughout the construction of the Constancia mine, both in Peru. Managed exploration offices for Anglo American and AngloGold Ashanti and performed consulting work in Chile for the Candelaria Mine.



#### Kevin Wilson Non-Executive Director

Over 30 years' experience in the minerals and finance industries. Most recently, Mr. Wilson was instrumental in the restructuring and financing of Colombian gold explorer Los Cerros Limited, which has gone on to make the Tesorito porphyry gold discovery.



#### Sarah Smith Company Secretary

Chartered Accountant Experienced in IPOs, M&A, ASX and ASIC compliance. Also serves as Company Secretary for Latin Resources (ASX:LRS)



Mike Parker Executive Director

Geologist by training. FAusIMM. Has been a member of the AusIMM for 16 years.

Extensive experience in exploration and project development, overseeing projects from discovery through construction to production. He held progressively senior country manager positions with First Quantum Minerals (FQM) and was **responsible** for two major copper discoveries: the Lonshi and Frontier Mines.

From 2011 to 2017, Mike was country manager for FQM in Peru, responsible for the design and implementation of FQM's corporate strategy in Latin America.

Mike has a BSc Mining Geology (Honours), University of Leicester, UK.



Share 103.4M 8.7% 15.3% Registry SOLIS

76% Other Shareholders Board & Management

\$0.09

**Company Overview** 

Shares fully diluted

Share price (10 Oct 24)

87.8M

Shares on issue

\$7.9M Market Cap

Volume (m



## **USGS Coastal Belt Prospectivity in Peru**



### Southern Peru hosts over 125 Billion pounds of contained copper in reserves and resources<sup>1</sup>

- Peru produces 2.76 million metric tonnes of copper per year, of which more than half comes from the area in this image\*
- Excellent local labour force with extensive experience of mining in the region.
- Established infrastructure in place including sealed roads major export port facilities and third-party smelting capacity.
- Low altitude predominantly below 1000m RL with excellent low cost access.



Coastal Intrusive Belt with Solis Projects and Cu occurrences<sup>2</sup>

## **Southern Peru Coastal Intrusive Belt**



# Solis has one of the largest Copper tenement packages (66,100ha) in Peru

- Jurassic age porphyry Cu development projects along strike (Tia Maria and Zafranal).
- Primary targets are Cu-Au porphyry systems.
- IOCG (Iron Ore Copper Gold) potential.
- Excellent access, infrastructure, and thirdparty Cu smelting and refining in the area.



### **IIo Este Project previous work**





Drillhole IE-JDD-003 @193.4m downhole chalcopyrite in potassic altered stockwork

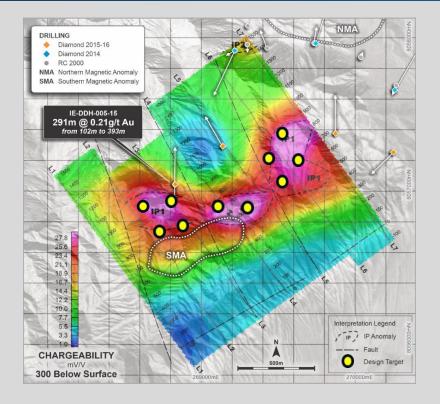
Previous operator drilling in 2014 on margins of main Solis target demonstrated large Cu-Au mineralised porphyry system\*\*:

IE-JDD-003 zone 472 m @ 0.11% Cu, 0.09g/t Au from surface IE-JDD-002 zone 318m @ 0.13% Cu, 0.10g/t Au from surface IE-JDD-001 zone 200m @ 0.14% Cu, 0.10g/t Au from surface

Since 2022, Solis has recognised the existence of multiple porphyry Cu targets at IIo Este and has used remote sensing (Worldview3), rock geochemistry, ground mag interpretation (MVI), and its own Induced Polarisation survey to home in on a major untested drill target.

### **IIo Este: Drill Targets Defined**



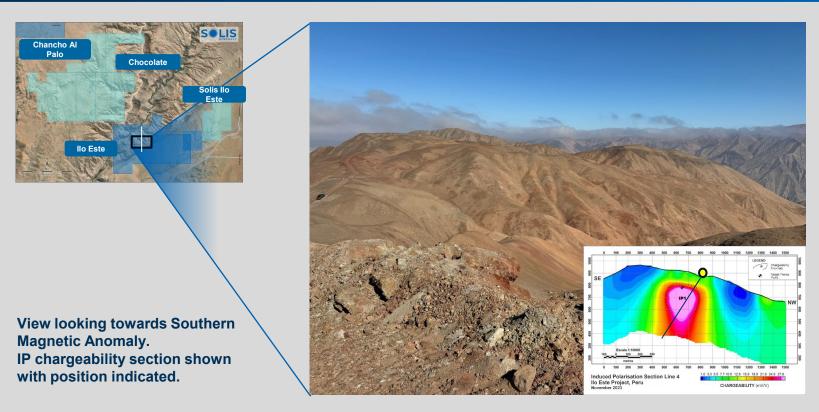


Chargeability anomaly 1200m in length and averaging 250m in width is situated on the northern flank and extends eastward of the Southern Magnetic Anomaly

- IP anomaly is partly coincident with Cu oxides present in porphyritic quartz microdiorites on surface.
- Closest previous drilling (drilled away from IP anomaly) returned best gold grades to date on margin of IP.
- Drill permitting underway to test this major target in early 2025. 5,000m initially planned.

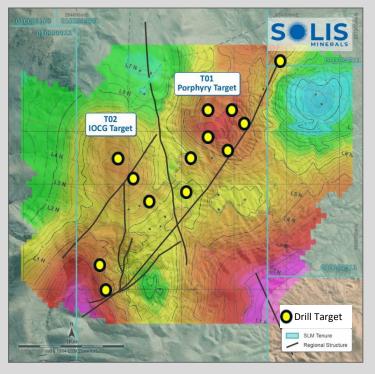
## Ilo Este: Drill Ready Q1 2025





## Chancho Al Palo: Drill Ready Q1 2025





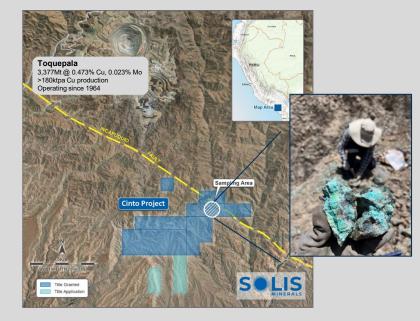
IP Chargeability Anomaly and Drill Targets

Consists of four contiguous concessions located in southern Peru's coastal copper belt. 8km along strike N-W of Chocolate Southern Anomaly (SMA). Similar geology and presence of cross-faults

- Significant geophysical targets identified following drone magnetometry and 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
- Eastern section demonstrates porphyry potential
- Drill permitting (2,500m) underway

### Cinto





### **Prelim EIA Stage with Geophysics**

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

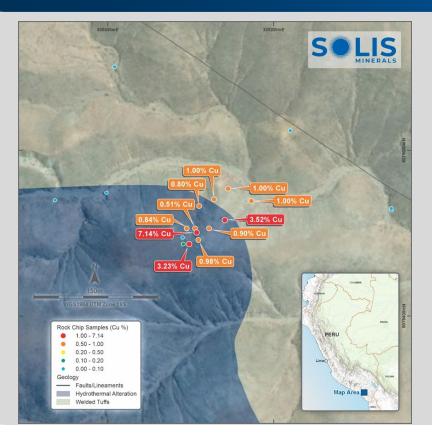
- Access Agreement with local community signed with excellent relationship
- Located in main porphyry belt in Peru, close to major discoveries and operating mines
- Surface expression of copper in large zone of structural deformation seen in outcrop with historical workings with assays up to 7% Cu
- Local communities significantly benefit from Toquepala development and production and are supportive of the investment

### **Next Steps**

• Drone and Ground Magnetic survey completed, IP to follow up and then EIA submission for drill permitting. Drilling expected Q3-4/2025

### **Cinto Assay Results**





- Significant structures evident in 100m wide exposed area with abundant copper oxide mineralisation in historical artisanal workings
- Positioned on boundary of regional scale transcurrent Incapuquio fault system which forms structural corridor related to massive Toquepala porphyry system 10km to the north-west
- Geochemical signature and base metal concentration ratios assayed in very similar ranges to metals content in Toquepala (Southern Copper) indicating porphyry-style Mineralisation

## **Cinto: Mag Targeting and Alteration**

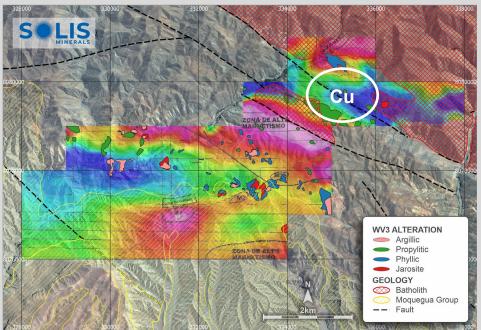


### Preliminary magnetic data received shows central magnetic high flanked by northern and southern mag low areas.

- North mag low contains outcropping Cu mineralisation and alteration (previous slide - "Cu" on image)\*\*\*\*
- South mag low contains belt of alteration identified by remote sensing on southern flank of mag high.\*\*\*\*
- Additional cross-cutting mag trend identified as target zone (M1-M3)

### Next steps

• Follow up on mag targets with mapping and sampling to design IP survey grids leading to drill permitting



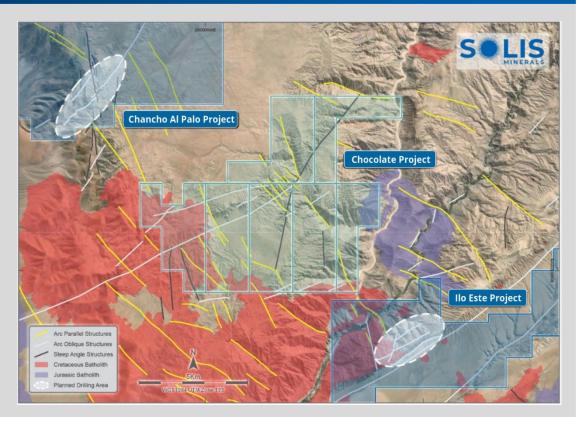
Preliminary Total Field Magnetic Data overlain by alteration suites (represented by coloured zones) identified in WorldView 3 remote sensing program\*\*\*\*\*\*

## **Chocolate Staking Strategy on Coastal Intrusive Belt**

## SO LIS

### Area between IIo Este and Chancho Al Palo drill projects became available in May 2024

- Solis staked 6,400 Ha of concessions along the batholith contacts of the prospective Coastal Belt.
- Geology is similar to Ilo Este and Chancho Al Palo. Prominent cross faults traverse the staked area.
- First exploration by Solis was Drone Mag in August 2024.



\* Chocolate Project was previously called the Guaneros Project

## **IIo Este and Chocolate Magnetic Signatures**

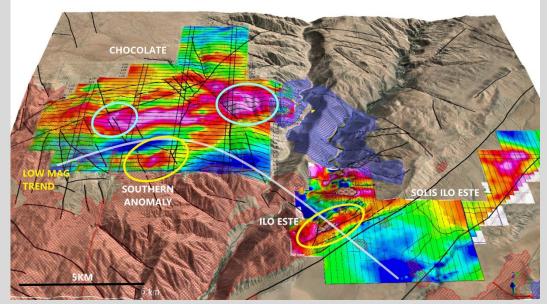


Solis is in a unique position to review compilations of magnetic data

- Drone magnetic anomalies outlined in favourable geological and structural settings.
- Rock grab samples in magnetic anomaly zone returned anomalous copper and gold values.
- The combination of magnetometry, geochemistry and mapping has established Chocolate as a high priority exploration area.
- Identified anomalies to be followed up with ground based Induced Polarisation (IP) surveys to assist with the final target and drill design programmes.

Geoscience

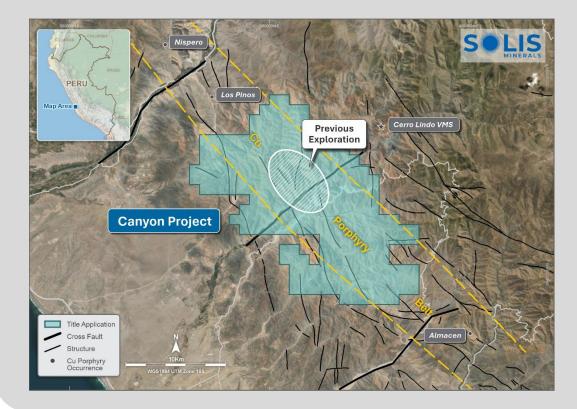
HASHED AREAS SHOW BATHOLITH EXTENT. BLUE (JURASSIC) RED (CRETACEOUS)



Total Field Magnetic Data Compilation\*\*\*

### **Central Peru – Canyon Project**





### Identification of available zone in Coastal Intrusive Belt – Solis area of expertise

- Staking of 25,600 Ha in 27 contiguous permits in Sept 2024. Existing Cu projects and occurrences along strike in Cu porphyry belt. Previous exploration on favourable cross structures.
- Low-cost entry and rapid exploration programs.
- Target is heap-leachable Cu oxides

## **Solis Community Engagement**



Solis Minerals has an ongoing community outreach program in the Charumbraya Community near the Cinto Project in Peru

The Company refurbished the community centre in August-September 2024 ahead of the 4 October Community Birthday celebrations









## 2025 Project Timeline – Drill, Drill, Drill



Milestone	2025				2026			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
llo Este – Drilling 5,000m – Q1 2025								
Chancho Al Palo –drilling - Q1/Q2 25								
Cinto follow up mapping & sampling targets, IP survey – Q1/2 2025								
Cinto drilling – Q3/4 2025								
Chocolate IP Program Q1/2 25								
Chocolate Drilling Q4 25								
Regional Norte Q1 26								
Canyon sampling & target selection								
Canyon Q3 26 (Subject to granting of requisite permits)								

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