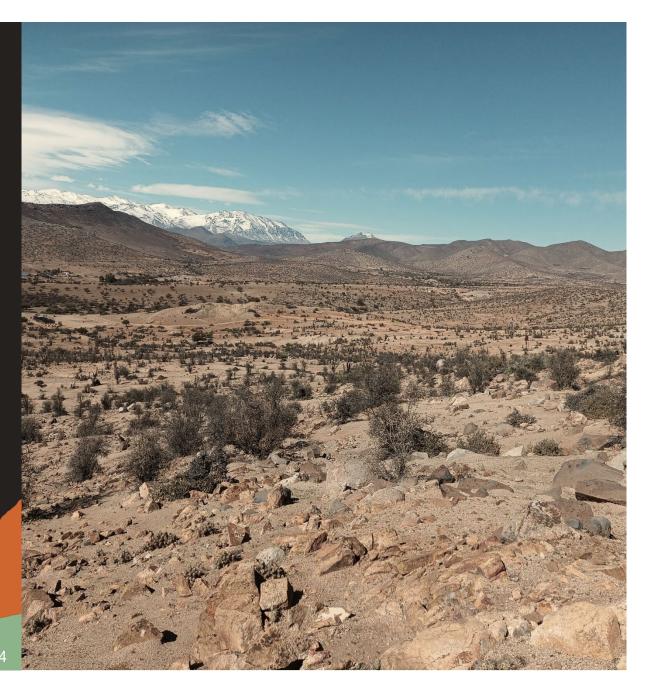


DISCOVERING AND
DEVELOPING HIGH-GRADE
COPPER IN CHILE



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**INVESTMENT HIGHLIGHTS** 

**CHILEAN COPPER DEVELOPMENT FOR** A CLEAN ENERGY **FUTURE** 



A HIGH IMPACT COPPER **PORTFOLIO WITH MULTIPLE** DRILL READY TARGETS



**LOCATED IN THE PREMIER COPPER PRODUCING REGION GLOBALLY** 



SYSTEMATIC EXPLORATION TO UNLOCK LATENT **RESOURCE POTENTIAL** 



THE RIGHT TEAM TO **DELIVER RAPID ASSET** ADVANCEMENT

#### 1. Fortuna Project

Seven key outcropping copper targets with high impact discovery potential.



### 2. Lana Corina Project

High-grade outcropping copper discovery, 257m @ 1.10% CuEq<sup>1</sup>.



TWO HIGH PRIORITY PROJECT **AREAS ON THE STRATEGIC** CHILEAN COASTAL BELT

**CHILE** 

Antofagasta

Copiapo

La Serena

1. Fortuna

2. Lana Corina

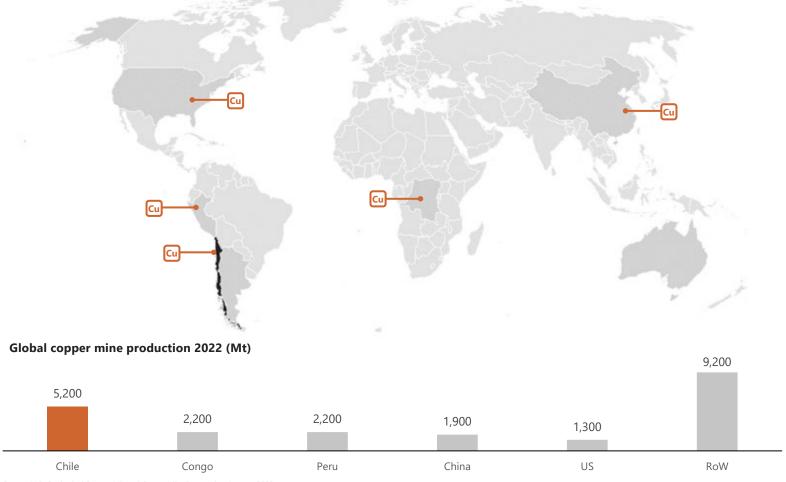
Santiago



MINING A KEY **CONTRIBUTOR TO** THE CHILEAN **ECONOMY** 

MINING REPRESENTS OVER HALF OF THE **COUNTRY'S TOTAL EXPORTS** 

RANKED THE BEST **COUNTRY IN SOUTH** AMERICA FOR MINING INVESTMENT



# **Board and senior management**



Successful track record of discovery, project development and value creation



Geoff **McNamara** 

#### Non-Executive Chairman

- 30 years' of international resource sector experience.
- Co-founder of Tesoro Gold Ltd which discovered the El Zorro Gold Project in Chile.
- Previously Director of Mining Finance at Societe General, NYC
- Private Equity Manager for PRCM (FUM US\$800M).
- Previous operational roles include Project Manager, Senior Mine Geologist and Mine Geologist for Ivanhoe Mines, Lion Ore International and Western Mining Corporation.



Max **Tuesley** 

#### Managing Director

- Geologist with 30 years' experience in base metal and gold exploration and mining domestically and internationally.
- Previously led projects in Mongolia, Sudan, Laos and the Philippines.
- Formerly held senior management roles with Xstrata, focused on Australian copper operations including the Ernest Henry IOCG project.
- Member of the Australasian Institute of Mining and Metallurgy.



**Zeffron** Reeves

#### Non-Executive Director

- Geologist with more than 20 years' of resource experience, spanning greenfield exploration, mineral discovery, definition and feasibility, construction, production and closure.
- Managing Director of ASX listed Tesoro Gold Ltd, a company that has defined the El Zorro Gold Project in Chile.
- Track record of exploration success identifying and delineating new gold districts in Brazil and Chile.



Paul **Schmiede** 

#### Non-Executive Director

- Mining engineer with over 25 years' experience in mining, exploration and corporate development across gold and base metal commodities within Australia, Burkina Faso and DRC.
- **Currently Vice President Corporate** Development TSS-V listed Sarama Resources Ltd.
- Previously held senior roles with Moto Goldmines, Gold Fields and WMC Resources.
- Member of the Australasian Institute of Mining and Metallurgy.



Sergio Uribe

#### Chilean Country Manager

- Corporate administrator, manager and development professional with deep Chilean experience.
- More than 10 years' resource sector experience spanning greenfields exploration, discovery production, closure, retreatment and tailings reclamation.
- Country Manager for ASX listed Tesoro Gold Ltd Chile, and previously General Manager of Acorn Mining Chile and Country Manager for Cleveland Mining Chile



COPPER **STRONG OUTLOOK** 

**INTEGRAL TO ELECTRONICS AND ELECTRIFICATION COPPER** 

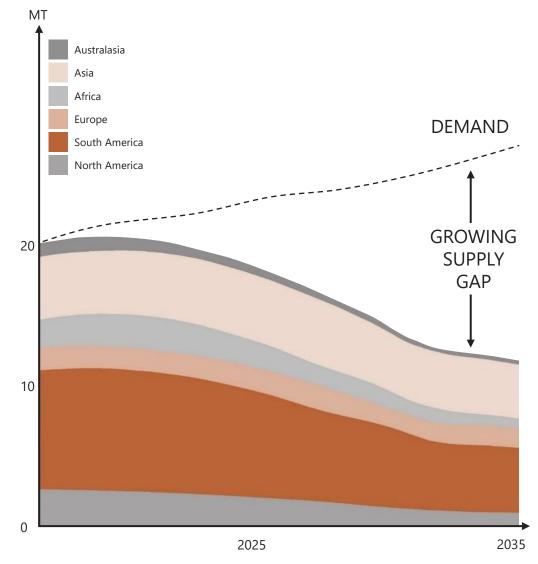
IS SET TO PLAY A **CRITICAL ROLE IN THE MOVE TO A ZERO EMISSIONS ECONOMY**  SUPPLY PIPELINE LACKS HIGH QUALITY, LARGE **SCALE PROJECTS** 

**ACCELERATION OF ELECTRIFICATION DRIVING SIGNIFICANT** MARKET DEFICIT

> **ANY CHINESE** STIMULUS TO **ACCELERATE** DEMAND

SUSTAINED COPPER PRICE RALLY **EXPECTED FROM** 2024

#### COMMITTED COPPER MINE SUPPLY FORECAST<sup>1</sup>



# **Corporate snapshot**



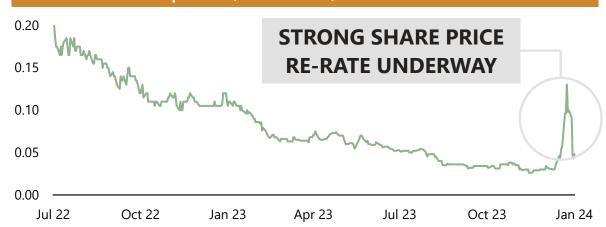
## Compelling entry price, strong leverage to further exploration success

Capital structure	
Share price (18 January 2024)	A\$0.051
Shares on issue (January 2024)	135.8M
Listed Options (January 2024)	13.9M
Unlisted Options and rights (January 2024)	12M
Market capitalisation (18 January 2024)	A\$7M
Cash (30 December 2023) <sup>1</sup>	A\$1M
Debt (30 December 2023)	Nil
Enterprise value (undiluted)	A\$5.93M

## Major shareholders



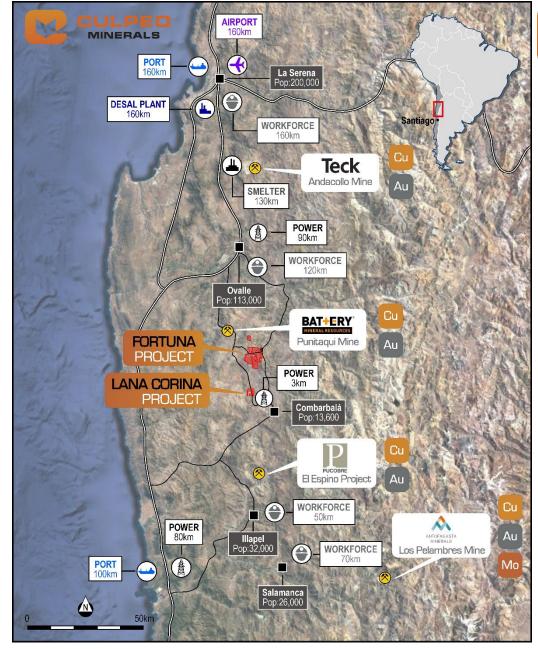
## Historic share price (A\$/share)



## **Corporate overview**

Premier copper producing region globally

- Targeting high-grade copper resources critical for renewable energy technologies.
- Strategically positioned near infrastructure and world-class copper projects.
- Lana Corina and Fortuna, are underexplored and highly prospective for copper.
- Project areas contain outcropping mineralisation and historical high-grade surface sampling results.
- High impact 1,000m drilling program in progress at the Fortuna Project, targeting broad zones of outcropping high-grade copper mineralisation.





# **Project highlights**

High impact exploration

## 1. Fortuna Project



Seven high priority outcropping targets:

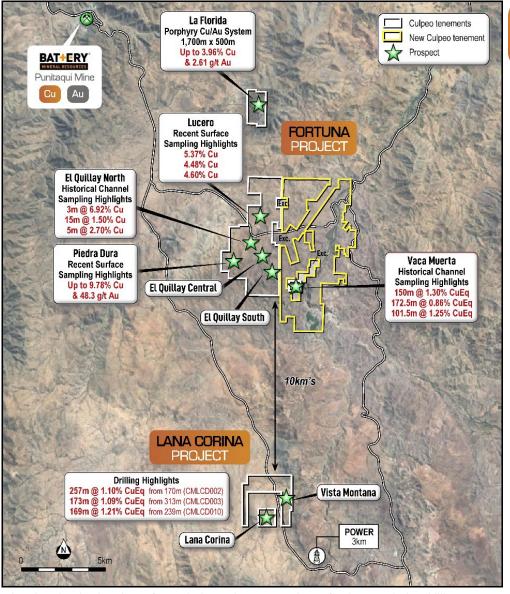
- Vaca Muerta:
- Piedra Dura:
- La Florida;
- El Quillay North;
- El Quillay Central;
- El Quillay South; and
- Lucero.

## 2. Lana Corina Project



New high-grade outcropping copper and molybdenum discovery from successful maiden 13-hole drill program:

- 257m @ 1.10% CuEq in CMLCD002 from 170m<sup>1</sup>
- 173m @ 1.09% CuEq in CMLCD003 from 313m<sup>2</sup>
- 169m @ 1.21% CuEq in CMLCD010 from 239m<sup>3</sup>

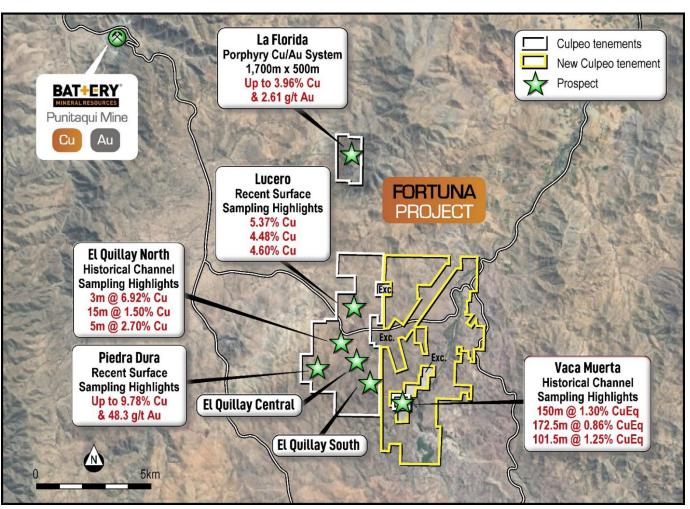






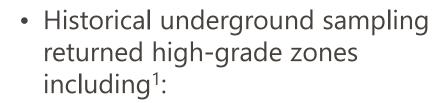
## Outcropping targets immediately north of the Lana Corina discovery

- Culpeo concession area at Fortuna covers 4,025 hectares.
- Numerous historic mines strike of >6km.
- Seven high priority outcropping targets:
- **☆** Vaca Muerta;
- **☆** Piedra Dura;
- **★** La Florida;
- **☆** El Quillay North;
- **☆** El Quillay Central;
- **☆** El Quillay South; and
- **☆** Lucero.

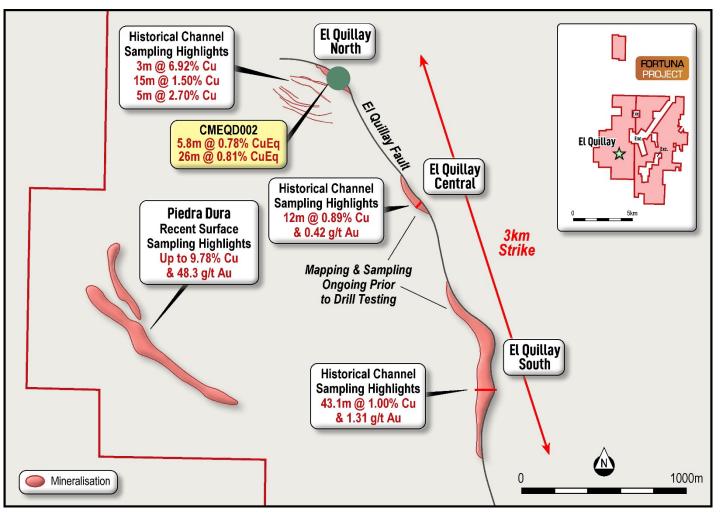


Plan view showing location of Fortuna Project, (for the Vaca Muerta historic sampling results refer to ASX announcement 7 August 2023 El Quillay historic sampling results refer to ASX announcement 11 September 2023, Piedra Dura historic sampling results refer to ASX announcement 1 November 2023 and 12 December 2023, and La Florida results refer ASX announcement 4 January 2024).

## High priority El Quillay North target



- 3m @ 6.92% Cu;
- 15m @ 1.50% Cu;
- 5m @ 1.18% Cu; and
- 5m @ 2.70% Cu.
- Records show approximately 200,000 tonnes @ 2% Cu mined<sup>2</sup>.

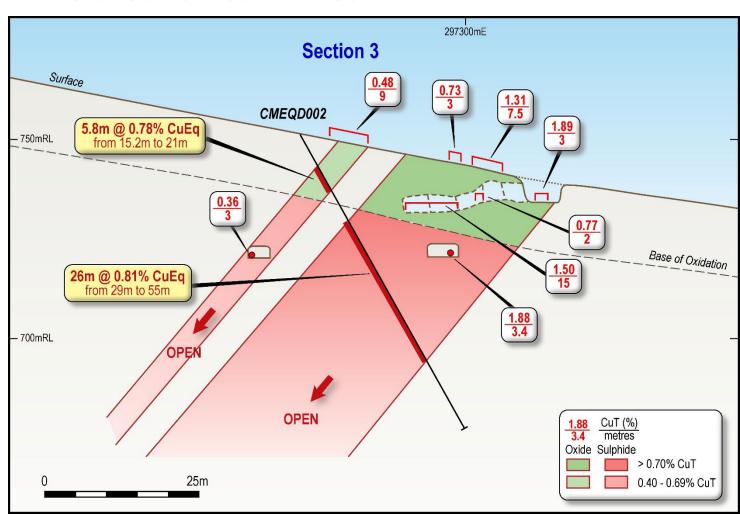


not been verified by the Company and are not JORC compliant.



Shallow, wide, high-grade copper mineralisation confirmed

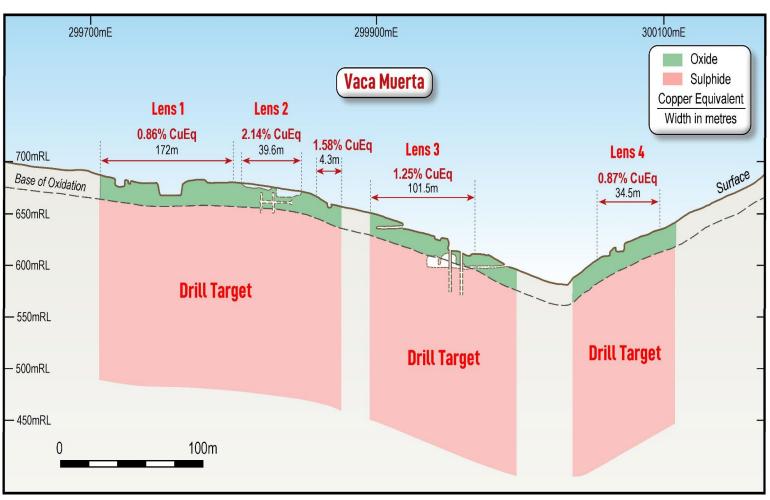
- El Quillay host structure is 3km with numerous targets to be tested.
- Results from initial El Quillay North drillhole (CMEQD002) returned<sup>1</sup>:
- **5.8m @ 0.78% CuEq from 15.2m**; and
- 26m @ 0.81% CuEq from 29m, including 4m @ 1.87% CuEq from 51m.
- Second drill hole (CMEQD001) intersected 23m from 20m downhole, with assay results expected in the coming weeks.





## Multiple drill ready targets at the Vaca Muerta prospect

- Shallow cover with base of oxidation 25m deep.
- Oxide mineralogy consists of malachite and chrysocolla.
- Sulphide zone is dominated by chalcopyrite and bornite.
- Drilling in progress.



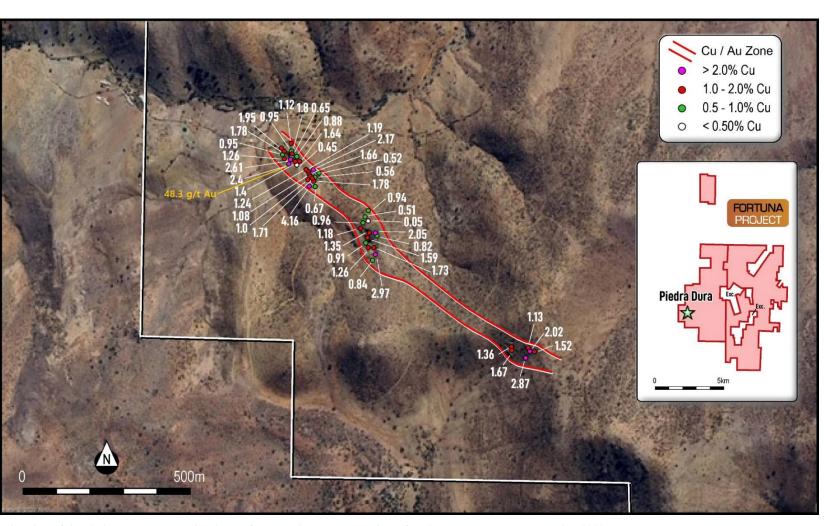
Long section through the Vaca Muerta Prospect showing results of historic channel samples and drill targets (refer ASX announcement 7 August 2023).



## Piedra Dura rock chip samples return high-grade copper and gold

- Rock chip samples returned high-grade copper and gold from surface confirming a 1.1km long by 100m wide copper-gold structure.
- Assays returned up to 4.16% Cu and 48.3g/t Au<sup>1</sup>.



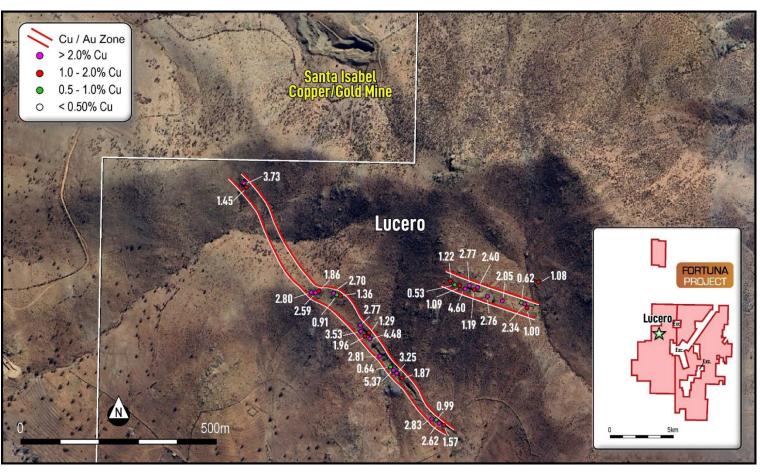


Plan view of the Piedra Dura Prospect showing surface sampling copper results (refer ASX announcement 1 November 2023).



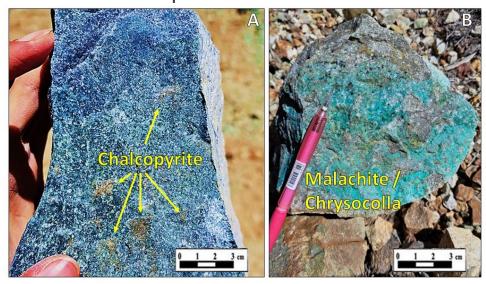
## Multiple high-grade copper results returned at Lucero prospect

- Grades up to 5.37% Cu returned from several newly defined parallel mineralised structures measuring 950m by 60m.
- Significant results included<sup>1</sup>:
  - 5.37% Cu (sample #8615);
  - 4.48% Cu (sample #8609); and
  - 4.60% Cu (ample #8626).



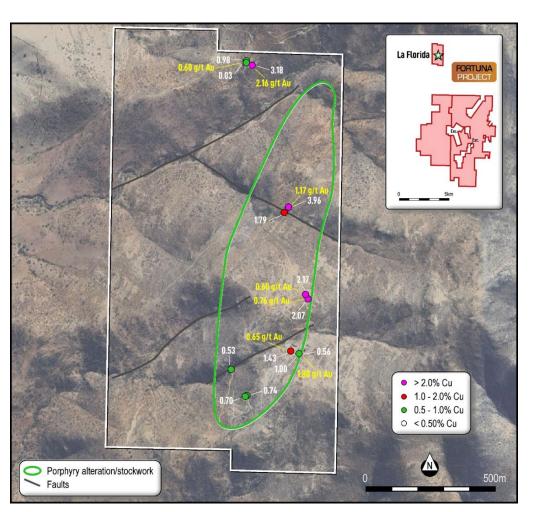
Porphyry copper and gold system at La Florida prospect

- Large (1.7km x 0.5km footprint) copper-gold porphyry system delineated at La Florida Prospect.
- Results from surface sampling returned grades up to 3.96% Cu and 2.61g/t Au<sup>1</sup>.
- Mineralisation styles are analogous to Culpeo's Lana Corina Prospect.



Example of mineralisation identified at the La Florida Prospect, A: Copper sulphide present as chalcopyrite Sample # CPO0008692 - 3.18% Cu and 2.61q/t Au, B: Copper oxide present as malachite and chrysocolla Sample #CPO0008688 - 3.96% Cu and 1.17q/t Au (refer ASX announcement 4 January 2024)

1. Refer ASX announcement 4 January 2024.



x 0.5km (refer ASX announcement 4 January 2024).

# 2. Lana Corina Project



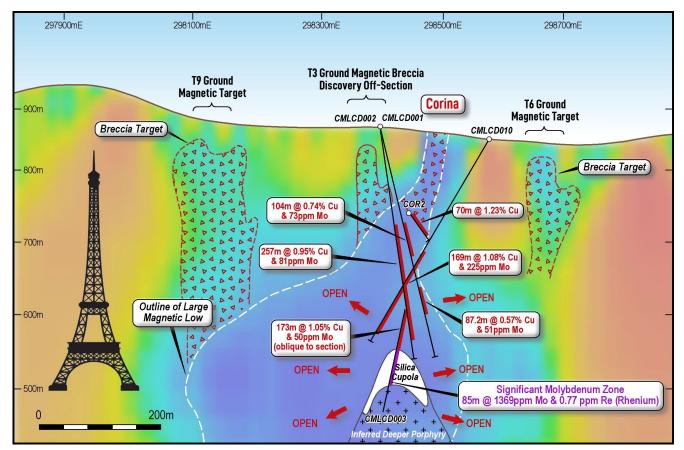
## New high-grade outcropping copper and molybdenum discovery

#### **Copper equivalent intersections:**

- CMLCD001: 104m @ 0.81% CuEq from 155m<sup>1</sup>;
- CMLCD002: 257m @ 1.10% CuEq from 170m<sup>2</sup>;
- CMLCD003: 173m @ 1.09% CuEq from 313m<sup>3</sup>;
- CMLCD005: 81m @ 1.16% CuEq from 302m<sup>4</sup>;
- CMLCD005A: 16.4m @ 1.38% CuEq from 118m<sup>5</sup>;
- CMLCD007: 34.7m @ 0.97% CuEq from 515m<sup>6</sup>;
- CMLCD010: 169m @ 1.21% CuEq from 239m<sup>7</sup>; and
- CMLCD013: 72m @ 0.91% CuEq from 352m<sup>8</sup>.

#### **Zones of high-grade molybdenum and rhenium:**

- 85m @ 1,369 ppm Mo (0.58% CuEq) from 486m<sup>3</sup>;
- 35m @ 1,704 ppm Mo (0.84% CuEq) from 570m<sup>8</sup>, including;
  - 4m @ 8,845 ppm Mo (3.48% CuEq); and
  - 1m @ 15,000 ppm Mo (6.09% CuEq).



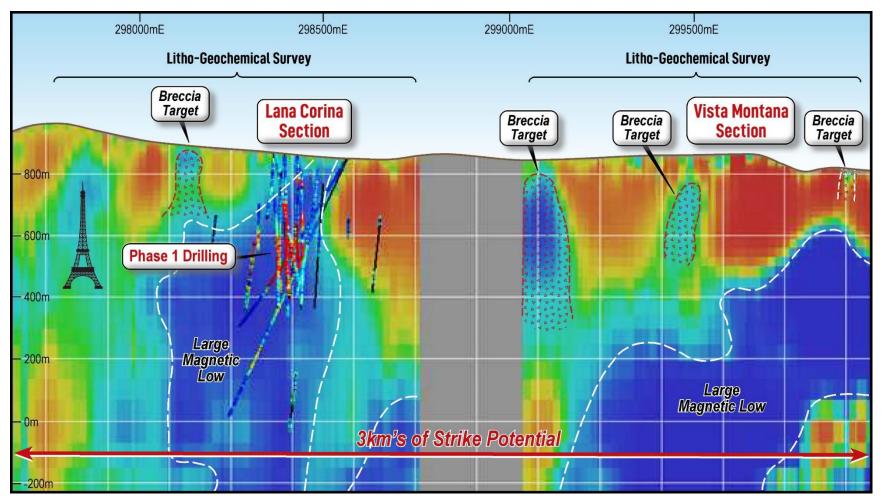
<sup>4.</sup> Refer ASX announcement 20 June 2022

<sup>6.</sup> Refer ASX announcement 19 July 2022 8. Refer ASX announcement 16 January 2023

# 2. Lana Corina Project



Regional potential with outcropping copper targets over 3km's of strike



Lana Corina/Vista Montana long section: Defined targets over >3km of strike (background image is the VOXI 3D magnetic inversion model) (refer ASX announcement 31 August 2022).

## Planned 2024 advancement schedule



High impact 1,000m drilling program in progress

Project		Activity	Q1-24	Q2-24	Q3-24	Q4-24
Cu Au Mo	1. Fortuna	Drill testing at Vaca Muerta				
Cu Mo	2. Lana Corina	Drill testing at Vista Montana				
Cu Au Mo	1. Fortuna	Mapping and litho-geochem at La Florida				
Cu Au Mo	1. Fortuna	Drill testing La Florida		_	-	
Cu Mo	2. Lana Corina	Drill testing at Lana Corina			_	_

EXPLORATION FOCUSED ON TARGETING MULTIPLE BROAD ZONES OF OUTCROPPING HIGH-GRADE COPPER MINERALISATION FOR LARGE SCALE NEAR SURFACE DISCOVERY POTENTIAL



INVESTMENT HIGHLIGHTS

CHILEAN COPPER
DEVELOPMENT FOR
A CLEAN ENERGY
FUTURE



A HIGH IMPACT COPPER PORTFOLIO WITH MULTIPLE DRILL READY TARGETS



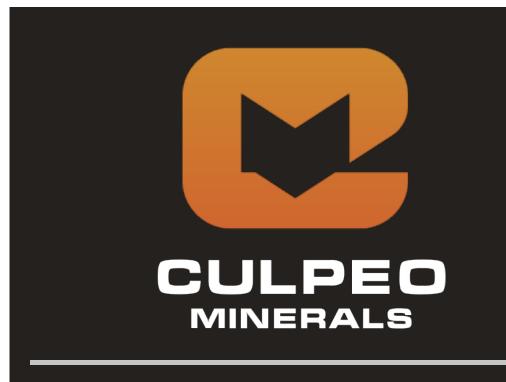
LOCATED IN THE PREMIER COPPER PRODUCING REGION GLOBALLY



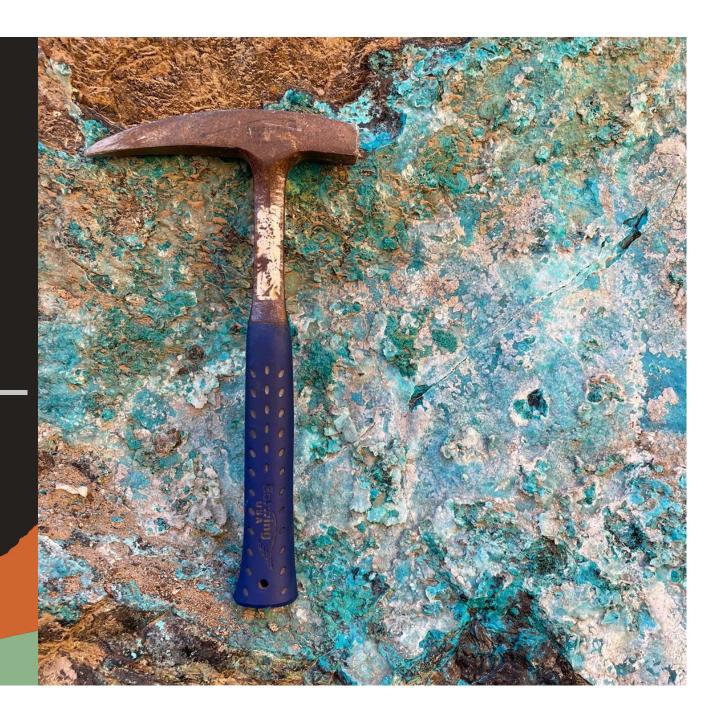
SYSTEMATIC EXPLORATION PROGRAM TO UNLOCK LATENT RESOURCE POTENTIAL



THE RIGHT TEAM TO DELIVER RAPID ASSET ADVANCEMENT AND DEVELOPMENT



**APPENDICES** 



# **Appendix 1**



## Resource details and copper equivalent (CuEq) value calculations

- Lana Corina Project: refer to ASX announcement "Drilling intersects 169m @ 1.08% Cu up to 3.56% Cu" dated 23 November 2022.
- Quelon Project: refer to "Company's Prospectus" dated 23 June 2021, page 43.
- Candelaria Mine (TSX: LUN): refer to "Company's Prospectus" dated 23 June 2021, page 30 and SRK Consulting, 2018. Technical Report for the Candelaria Copper Mining Complex, prepared for Lundin Mining Corporation.
- Assumed commodity prices: Cu US\$3.00/lb, Au US\$1,700/oz, Mo US\$14/lb and Ag US\$20/oz.
- Recoveries are assumed from similar deposits: Cu = 85%, Au = 65%, Ag = 65%, Mo = 80%.
- CuEq (%) calculated using the following formula: {((Cu% x Cu price 1% per tonne x Cu recovery) + (Au(g/t) x Au price per g/t x Au recovery) + (Mo ppm x Mo price per g/t x Mo recovery) + Ag ppm x Ag price per g/t x Ag recovery)) / (Cu price 1% per tonne x Cu recovery)}.
- **CuEq (%):** Cu (%) + (0.54 x Au (g/t)) + (0.00037 x Mo (ppm)) + (0.0063 x Ag (ppm)).
- It is the Company's opinion that all elements included in the metal equivalents have a reasonable potential to be recovered.

# **Appendix 2**

## Competent persons statement

The information in this announcement that relates to Exploration Results is based on information compiled by Mr Maxwell Donald Tuesley, BSc (Hons) Economic Geology, MAuslMM (No 111470). Mr Tuesley is a member of the Australian Institute of Mining and Metallurgy and is a shareholder and Director of the Company. Mr Tuesley has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Tuesley consents to the inclusion in this report of the matters based on this information in the form and context in which it appears.

The information in this announcement that relates to historical Exploration Results for Las Petacas and Quelon is based on information compiled by Mr Jason Froud BSc (Hons), Grad Dip (Fin Mkts), MAIG) and was reviewed by Christine Standing BSc (Hons), MSc, MAusIMM, MAIG, who are both full time employees of Optiro Pty Ltd, acting as independent consultant to Culpeo Minerals Limited. Mr Froud and Ms Standing have sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which they are undertaking to qualify as Competent Persons as defined in the 2012 edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves' (the JORC Code). The Company confirms that it is not aware of any new information or data that materially affects the historical exploration results included in the original reports.

The information in this announcement that relates to Geophysical Results is based on information compiled by Nigel Cantwell. Mr Cantwell is a Member of the Australian Institute of Geoscientists (AIG) and the Australian Society of Exploration Geophysics (ASEG). Mr Cantwell is a consultant to Culpeo Minerals Limited. Mr Cantwell has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources & Ore Reserves. The Company confirms that it is not aware of any new information or data that materially affects the historical geophysical results included in the original reports.



# Appendix 3 Earn In Schedules



#### Lana Corina

Stage	Time (Months from Signing)	Cash Payment (US\$)	CPO Share Payment (US\$)	Work Commitment	Stage Acquisition Interest	Aggregate Culpeo Interest
1	Signing	100,000		N/A	0%	0%
2	12	150,000		Complete US\$1M expenditure	20%	20%
3	24	250,000		Complete US\$1M expenditure	30%	50%
4	36	800,000	750,000	N/A	15%	65%
5	60   -	1,650,000	1,000,000	N/A	15%	80%

#### Fortuna

Stage	Time (Months from Signing)	Cash Payment (US\$)	Comment	Work Commitment	Stage Acquisition Interest	Aggregate Culpeo Interest
1	12	120,000	Paid Monthly (@USD10k per month)		80%	80%
2	24	120,000				
3	36	120,000			7	
4	48	120,000				
5	60	120,000		Complete US\$1.5M expenditure (can include Lana Corina)		

#### Las Petacas

Stage	Date for completion	Payment (US\$)	Condition precedent/ work commitment	% earn	Total owned by Culpeo
1	20/06/2021	F0.000			
1	30/06/2021	50,000	Carry out research through induced polarisation (IP) survey and GAIP grid in a minimum	8%	58%
	(completed)		area of 2 km <sup>2</sup>		
2	31/12/2021 (completed)	100,000	Complete 2,741 m drilling or US\$1 M expenditure	8%	66%
	(33 )		ar production of the contract		
3	31/12/2023	350,000	Complete 3,259 m of additional drilling	9%	75%
4	31/12/2024	500,000	Complete 5,000 m additional drilling or US\$1.5 M expenditure	10%	85%



## CONTACT

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