

# EXPLORING FOR MAJOR COPPER DISCOVERIES.

Strategic | Disciplined | Responsible | Committed

TSX: COPR OTCQB: CPPMF

Corporate Presentation | January 2025

#### Cautionary Notes

This document has been prepared by Coppernico Metals Inc. (the "Company") to showcase the Company's mineral exploration projects. Because it is a high-level summary presentation, the information contained herein cannot contain all the information that should be reviewed before making an investment decision.

#### SUMMARY OF CAUTIONARY NOTES:

- Forward-looking statements are inherently uncertain;
- Canadian mineral disclosure differs from US mineral disclosure;
- See full disclosure records for Coppernico at <u>www.sedarplus.ca</u> some information may be found under the Company's former name, Sombrero Resources Inc., or the predecessor company, Auryn Resources Inc. (now Fury Gold Mines Limited).

Tim Kingsley (VP, Exploration), CP. Geo, is a Qualified Person who assumes responsibility for the technical contents of this presentation.

### Exploring for Major Copper Discoveries in Peru



#### Achieving Key Milestones

#### 2023

✓ Completed a social access agreement, valid for 3 years (November 27, 2023)

#### 2024

- ✓ Commenced surface work ahead of drilling, fostering employment opportunities with the communities (February 20, 2024)
- ✓ Received final drill permits to drill 49 holes from 38 pads (April 24, 2024)
- ✓ Completed \$19.37m financing including \$8.77m strategic investment from Teck Resources. Funding Coppernico for 18 months and 11,500 meters of drilling (May 16, 2024)
- ✓ Strengthened team by appointing Keenan Jennings, former VP Metals Exploration at BHP and Nominating MJ McQuhae, former BHP Executive to the Board (January 17, 2024, and July 15, 2024)
- ✓ Commenced inaugural drill program at Sombrero (mid-July, 2024)
- ✓ Completed listing Coppernico on the Toronto Stock Exchange (August 13, 2024)
- ✓ Reported first batch of assay results (holes 1-5) (November 9, 2024)
- ✓ Commenced trading on OTCQB under the symbol "CPPMF" (November 15, 2024)
- **Drilling** (ongoing)

#### Management has a Track Record of Success

#### **MANAGEMENT**



Ivan Bebek
Co-Founder, Chair & CEO

- >24 years' experience in financing exploration, foreign negotiations and M&A
- Formerly President, CEO & Co-founder at Cayden Resources (sold to Agnico Eagle for C\$205M) Former Exec Chair of Auryn Resources & Co-founder Keegan Resources



**Christian Rios** M.Sc., P.Geo. **SVP, Corporate Development** 

- >23 years' experience in exploration, development, operations and communities
- Directly involved in the discovery of the Santa Ana and Corani deposits at Bear Creek



Stacy Rowa CPA, CA CFO

- >18 years' experience in accounting, auditing and corporate finance
- Was CFO at Auryn Resources (predecessor company)



**Tim Kingsley** MSc, CP.Geo **VP, Exploration** 

- >19 years' experience in precious and base metal exploration and project development
- Track record in brownfield exploration and increasing mineral resources at Trevali Mining

#### **DIRECTORS\***

**Ivan Bebek Co-Founder, Chair & CEO** >24 years Financing Exploration, Foreign Negotiations and M&A

Antonio Arribas PhD >37 years

Mineral Exploration Experience Across Multiple Companies and Regions

**Keenan Jennings M.Sc., MBA** >30 years Experience In Exploration, Project Evaluation, Mine Development And Production

\*All directors are independent aside from Ivan Bebek who is non-independent

#### MJ McQuhae MBA >25 years

Business Transformations, Operational Improvements

Marie-Hélène Turgeon M.Env., ICD.D, P.Geo >22 years ESG, Environmental Management, Legal Compliance and Stakeholder Engagement

#### **Jeffrey Mason CPA, CA, ICD.D** >35 years

Extensive experience in Corporate Finance in precious and base metals projects in the Americas, Asia and Africa

Gordon J. Fretwell LLB >32 years



### Experienced South American Exploration Team



Tim Kingslev M.Sc., CP.Geo **VP. Exploration** 

- >19 years' experience in precious and base metal exploration and project development
- Track record in brownfield exploration and increasing mineral resources at Trevali Mining



Christian Rios M.Sc., P.Geo. SVP, Corporate Development

- >23 years' experience in exploration. development, operations and communities
- Directly involved in the discovery of the Santa Ana and Corani deposits at Bear Creek



**Henry Aliaga Principal Senior Geologist** 

- >20 years' experience across all stages of mineral exploration and mining operations
- Held key roles at major companies: Minera Antamina, South-West Mining, Buenaventura



Antonio Arribas PhD **Independent Director** 

- >37 years' experience as a world-renowned gold, copper and silver deposit specialist
- Formerly VP. Geosciences at BHP. and held senior roles at **Newmont** and **Placer Dome**



Keenan Jennings M.Sc., MBA **Independent Director** 

- >30 years' experience in exploration, project evaluation, mine development and production
- Formerly VP, Metals & Exploration at BHP, and held senior roles at Rio Tinto and Anglo American

Experience with globally significant discoveries

Excellent access to global geological experts as needed

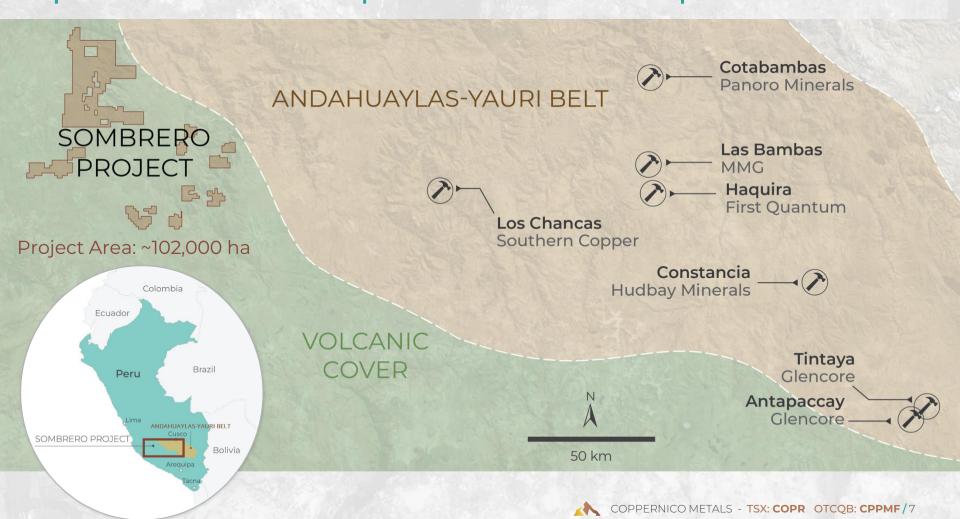


### Exploring the extension of a prolific Copper Mining Belt

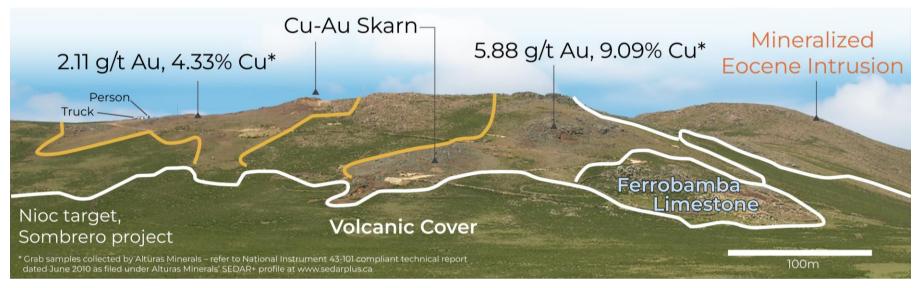
Sombrero hosts multiple scalable high-quality discovery opportunities

Highly underexplored – undergoing first ever drilling for copper and gold

Direct analogues to nearby major mines



### Discovered Through Erosional Windows



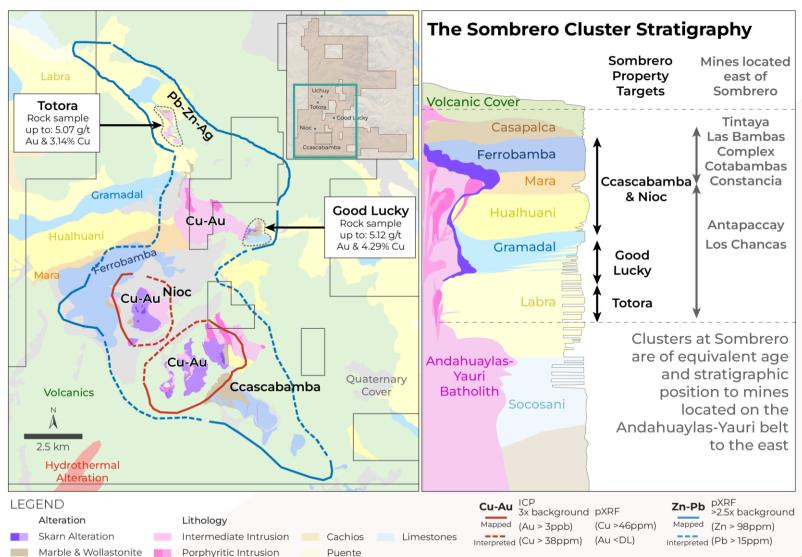
#### Sombrero Project: Timeline

2001	Aceros Arequipa, Peru's largest steel maker, carried out bulk sample testing at Fierrazo.			
2007 – 2008	Alturas Minerals completed localized mapping, sampling and geophysics.			
2013	Aceros Arequipa completed 8 holes for 988 m drilling at Fierrazo, targeting iron mineralization.			
2015 – 2016	Auryn geologists recognized that the Andahuaylas-Yauri belt continues under volcanic cover at Sombrero; skarn and porphyry mineralization in erosional windows prove the concept.			
2016	Auryn acquired Ccascabamba claims and carried out prospecting, claim expansion and stream sediment sampling program.			
2018 – 2020	Auryn carried out mapping, geochemistry, geophysics, age dating and target generation.			
2023	Received Social Access Agreement.			
2024 – onward	Fully permitted in H1/2024: Received drill permits, financed 18 months of working capital (\$19.37mm). Coppernico to define, rank and test targets at its land position in the potential western extension of the belt.  COPPERNICO METALS - TSX: COPP OTCQB: CPPMF/8			

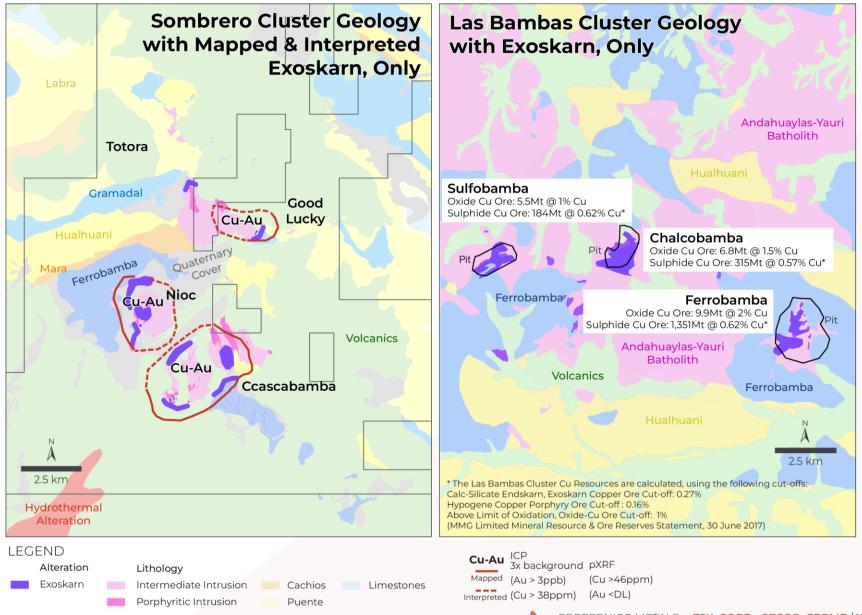
### Sombrero: Cluster Geology & Stratigraphy

Significant metal endowment

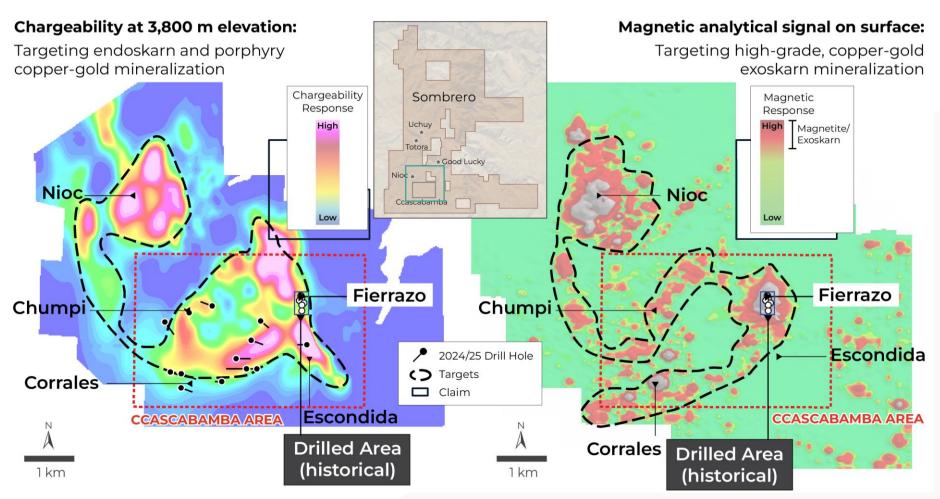
- Multiple prospective skarn horizons
- Large geochemical footprint (~18 km x 6 km)



### Sombrero Cluster Scale Comparison to Las Bambas



#### Kilometers of Overlapping Chargeability & Magnetics



- IP and magnetic surveys reveal a 10 km trend of targets between Nioc and Ccascabamba target area: maps show chargeability (IP) response at 3800m slice and magnetic analytical signal anomalies on surface.
- Surface mineralization has a distinct geophysical signature, which extends under cover

### Selection of Surface Highlights at Sombrero

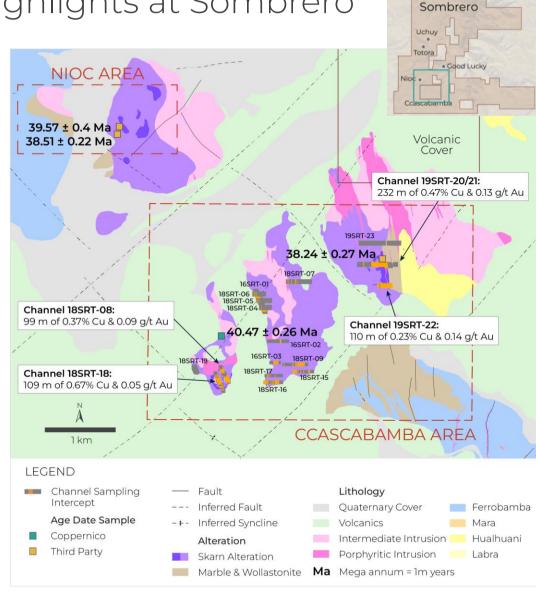
- Over 10 km of geophysical targets correlate with significant surface mineralization sampled within erosional windows
- Potential for significant grade and tonnage
- 232 m of 0.47% Cu & 0.13 g/t Au<sup>1</sup>
- 109 m of 0.67% Cu & 0.05 g/t Au<sup>2</sup>

Including 30 m of 1.86% Cu & 0.12 g/t Au

• 99 m of 0.37% Cu & 0.09 g/t Au

#### Same age of mineralization as:

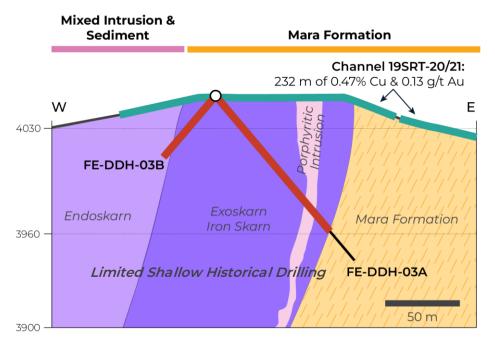
- Las Bambas. MMG: ~37.9 Ma<sup>3</sup>
- Tintaya, Glencore: 38-35 Ma<sup>4</sup>
- Antapaccay, Glencore: ~35.7 Ma<sup>5</sup>
- 1. This interval is the combined composite of Channels 19SRT 20 and 19SRT 21
- This interval is comprised of two reported intervals. The 25 m gap between the two intervals
  where bedrock could not be reached was assigned a zero value for both gold and copper grades 5.
- Porphyry-Style Alteration and Mineralization of the Middle Eocene to Early Oligocene Andahuaylas-Yauri Belt, Cuzco Region, Peru, Economic Geology, Vol. 98, 2003. Pg 1575-1605



The Eocene Coroccohuayco and Tintaya Copper Porphyry-Skarn Deposits, Peru: 5 Ma of Favourable Tectono-Magmatic Evolution, Metadatos INGEMMET, Pg 2
High-Resolution Geochronology of the Coroccohuayco Porphyry-Skarn Deposit, Peru: A Rapid Product of the Incaic Orogeny. Society of Economic Geologists, Inc., Economic Geology, v. 110. Pg 423-443

#### Mineralized Historical Drill Core Supports Robust Model

#### Subsurface Mineralization Correlates with Geophysics



At 33 m: 1.32% Cu and 0.03 g/t Au in hematite vein stockworks with malachite staining at their margins

At 62 m: 1.35% Cu and 0.54 g/t Au massive magnetite with disseminated pyrite in sulphide zone





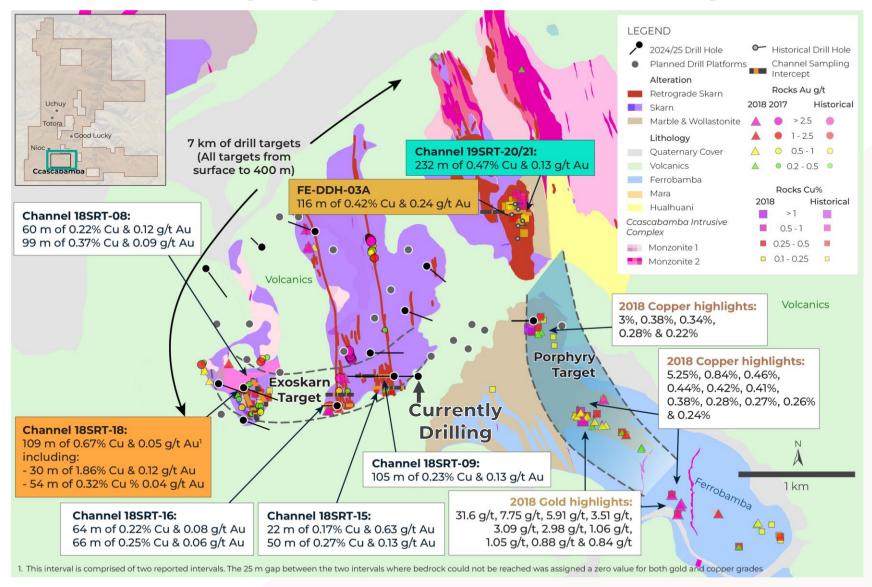
Shallow historical drilling<sup>1</sup> along a portion of the geophysical anomalies demonstrates high-grade mineralization from surface that continues to depth and provides direct validation of the 10 km geophysical signature:

Hole ID	Interval <sup>2</sup> (m)	% Cu	g/t Au
FE-DDH-01A	90.4	0.48	0.05
Including	41.8	0.88	0.02
FE-DDH-02	51	0.43	0.16
Including	20.95	0.70	0.25
FE-DDH-03A	116	0.42	0.24
Including	64	0.64	0.38
FE-DDH-03B	50.8	0.44	0.15
True thickness	s of mineralizatio	n is unkı	nown

<sup>1. 2013</sup> drilling completed by Aceros only assayed for iron, resampled by Auryn in 2019 (See Auryn news release dated June 13, 2019)

<sup>2.</sup> No less than 5m of >= 0.1% Cu, maximum dilution 6 m (See technical disclosure on See Auryn news release dated June 13, 2019)

### Drill Plan & Highlights: Ccascabamba Target Area

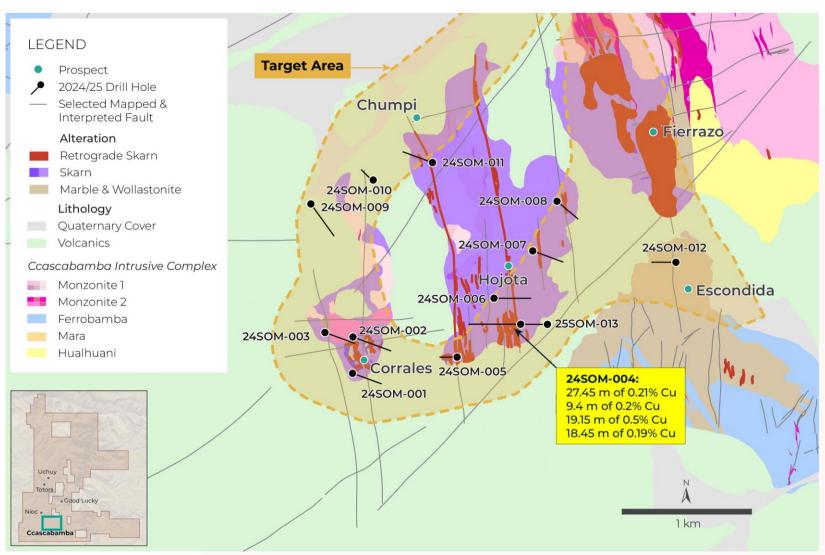


DIA\* (environmental permit) allows for up to 49 holes to be drilled from 38 drill pads at Ccascabamba target area

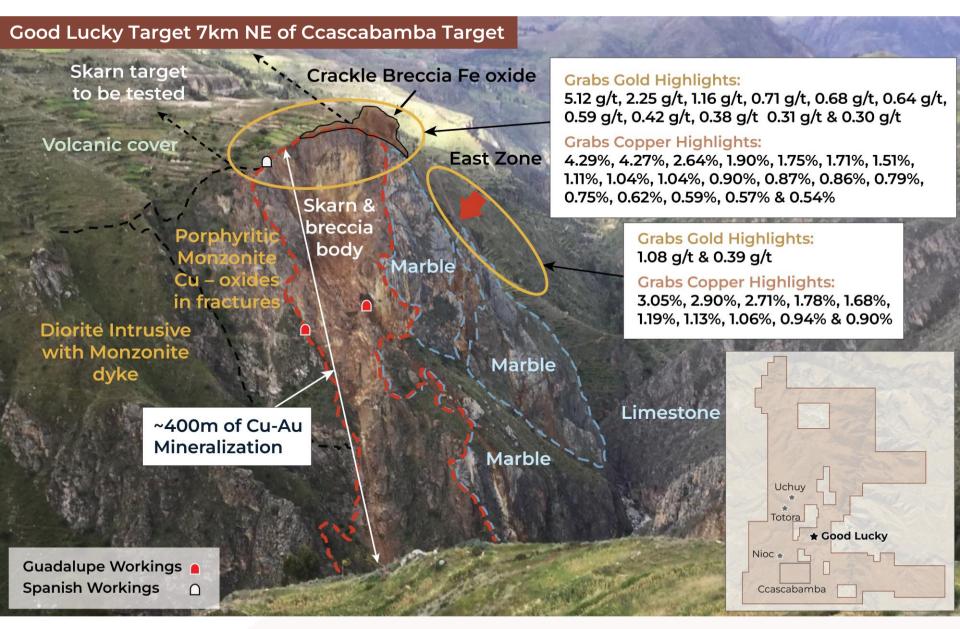
\* Declaración de Impacto Ambiental

### 2024/25 Drill Update: Ccascabamba Target Area

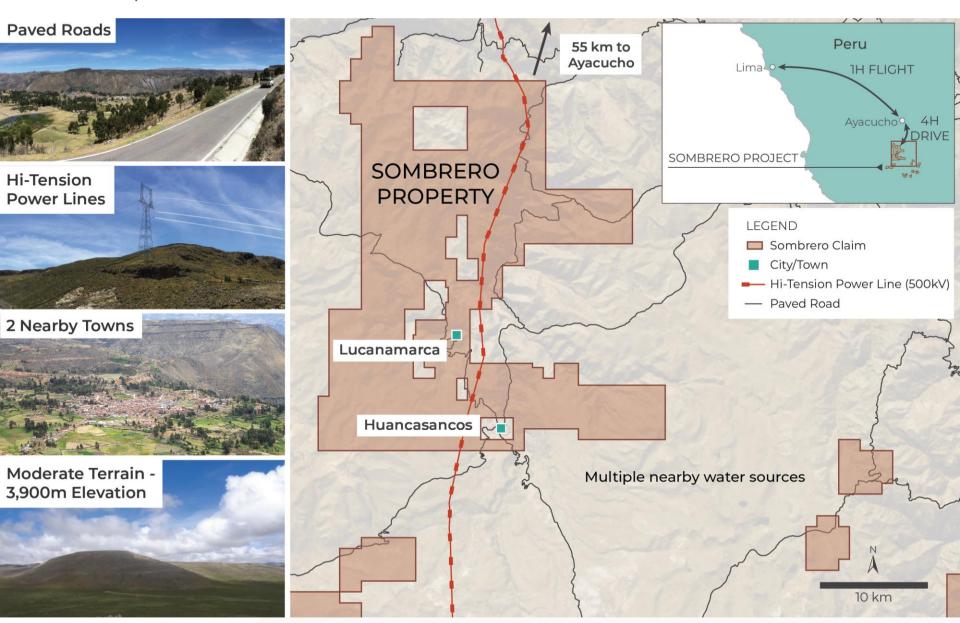
Twelve diamond drill holes for a total of 5,286.7 metres have been completed exploring the Corrales, Hojota, Chumpi and Escondida target areas.



#### 400-m Vertical Window of Potential Mineralization



### Exceptional Access to Infrastructure



### Collaborating with Communities for over 9 Years

#### Genuine partnerships with local communities

Peruvian
community team
has extensive
background and
experience in
collaborating with
local communities
in the central
southern Peru



One technical specialist in animal health

Two Quechua speakers and an agricultural engineer Social field leader, Jose Pino, is a specialist in Agroideas Business Plan

#### Implementing Sustainable Positive Benefits

## Coppernico is sponsoring applications for additional government-funded agriculture programs

20

Australian Lamb Breeding Program

US\$126k invested

Total People Impacted Sombrero Minerales Contribution

Peru Government Hu

Contribution Government Huancasancos

800 US\$12k

US\$58k

US\$56k



Weaving Program to improve sheep meat production & commercialization

US\$222k invested

800

US\$12k

US\$147k

US\$63k



Workshop at the Women's Weavers Civil Association

US\$65k invested

210

US\$5k

US\$60k

Combined initial investment: ~US\$413k

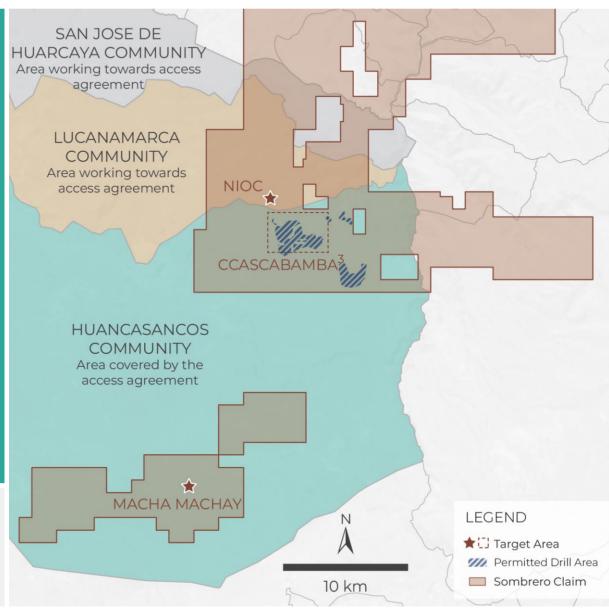
US\$29k US\$265k US\$119k



### Fully Permitted to Commence Drilling Activities

#### **HUANCASANCOS:**

- Environmental permit
   (DIA)<sup>1</sup> in place allows for
   up to 49 holes from 38 drill
   pads at Ccascabamba
   target area
- Three-year renewable social access agreement in place
- Start of Activities permit (IDA)<sup>2</sup> in place – allows for the initiation of drilling activities.
- Working on additional social access agreements in the region



2. Inicio de Actividades

<sup>1.</sup> Declaración de Impacto Ambiental

### 2024 Disciplined Exploration Approach

#### Initial drilling:

- Target mineralization between 0 m and 300 m below surface
- Test various skarn and porphyry targets within the Ccascabamba target area

**Targets are supported by high-grade** surface sampling
(including 109 m of 0.67%
copper and 0.05 g/t gold¹) and
coincident geophysical
anomalies

 This interval is comprised of two reported intervals. The 25 m gap between the two intervals where bedrock could not be reached was assigned a zero value for both gold and copper grades



### Sombrero Project: Summary



Established three-year renewable social access agreement, fostering ongoing sustainable social programs and job opportunities



Multiple targets with Eocene age mineralization on surface and in historical drill holes with direct analogues to several nearby major mines



7km strike length target rich drill area



Year-round accessibility with **existing** infrastructure, power and multiple water sources

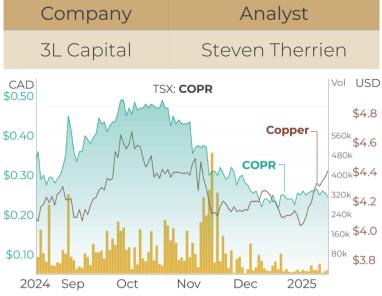


Large-scale high-grade, drill-ready advanced exploration targets

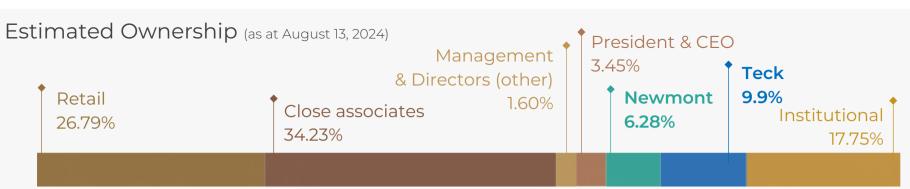
### Our Shareholders are our Biggest Strength







- 1. \$0.50, expire Aug 6, 2029
- 2. 15,795,383 @ \$0.30, expire Aug 13, 2029; 120,000 @ \$0.15, expire Jan 29, 2027; 19,375,289 @ \$0.75, expire May 16, 2026; 854,640 @ \$0.50, expire May 16, 2026
- 3. Current treasury budget includes 11,500 metres drilled + working capital through 2025



Coppernico is a public company that was spun out of Auryn Resources and is now listed on the Toronto Stock Exchange under symbol "COPR". COPPERNICO METALS - TSX: COPR OTCQB: CPPMF/23

### Why Coppernico?

Exceptional Copper Exploration Asset

Aligned with Communities

Robust Leadership

Strong Copper Price Outlook

#### APPENDIX

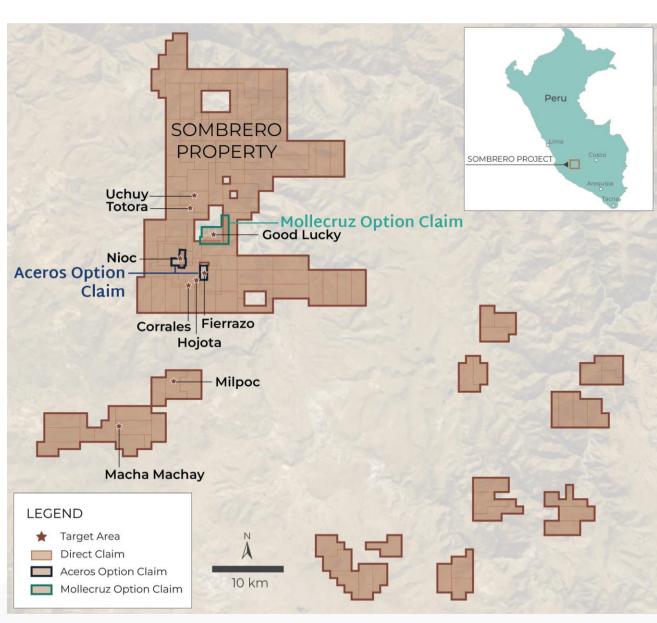
- 26) Sombrero District: Ownership
- 27) Aceros Option: Payments
- 28) Mollecruz Option: Payments
- 29) Schematic Sections Through Ccascabamba Target Area
- 30) Multiple Eocene-dated Mineralized Intrusions
- | 31) Sombrero Cluster: Combined Soils and Rocks
- 32) Large Highly Prospective Land Position
- 33) Hole 24SOM-004 Cross Section
- | 34 36) Drill Core from Hole 24SOM-004
- | 37) Initial Drill Targets Analogous to Las Bambas Mine
- | 38) MMG Limited: Ferrobamba (Las Bambas) Map with Pre-2022 Drill Results
- | 39) MMG Limited: Ferrobamba (Las Bambas) Cross-section XS-2 with 2022 Drill Results

### Sombrero Property: Ownership

covers approx.
100,000 hectares
which has been
acquired through a
combination of staking
and option
agreements

Ownership	Claims	Hectares
Direct*	114	100,800
Aceros Option	3	600
Mollecruz Option	4	1,300

\*Sombrero Minerales S.A.C is Coppernico's wholly owned subsidiary in Peru through which the Company directly owns its concessions



#### Aceros Option: Payments

Due Dates	Property Payments (US\$)	Property Payment Status	Work Expenditures (US\$)	Work Expenditure Status
December 13, 2018	\$140,000	Completed	-	-
December 13, 2019	\$60,000	Completed	\$150,000	Completed
Within 6 months of obtaining access	\$250,000	Completed	\$500,000	Completed
Within 24 months of obtaining access	\$350,000	Completed	\$1,500,000	Deferred
Within 36 months of obtaining access	n/a	n/a	\$3,000,000	Deferred
Total	\$800,000		\$5,150,000	

- If the option is exercised, a joint venture will be formed in which Coppernico will hold an 80% interest and Aceros will hold a 20% interest in these concessions
- In 2021, the Company amended the agreement to defer the work expenditure requirements dependent on access to the concessions, in exchange for an additional annual payment of US\$100,000 for the period that the option is in place

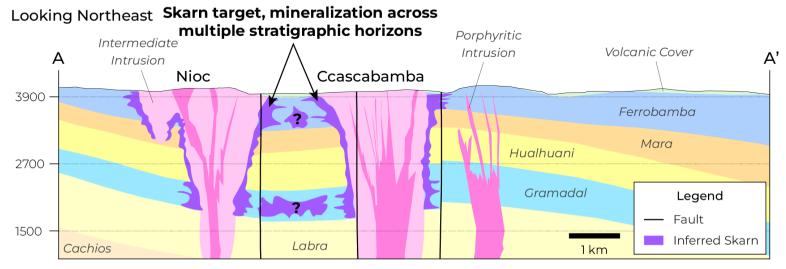
#### Mollecruz Option: Payments

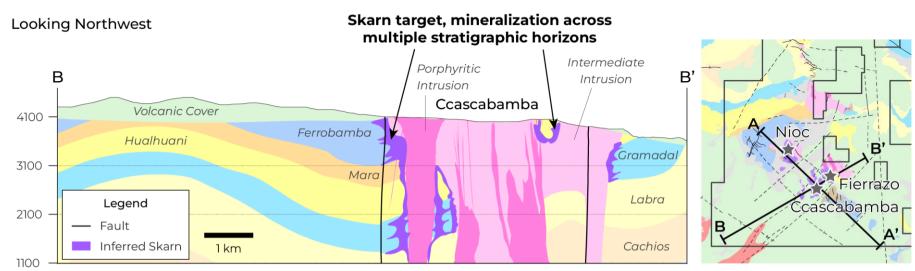
Due Dates	Property Payments (US\$)	Property Payment Status	Work Expenditures (US\$)	Work Expenditure Status
June 22, 2018	\$50,000	Completed	-	-
Subject to access	\$50,000	Completed	\$150,000	Deferred
Subject to access	\$100,000	Deferred	\$150,000	Deferred
Subject to access	\$200,000	Deferred	\$500,000	Deferred
Subject to access	\$300,000	Deferred	\$700,000	Deferred
Subject to access	\$900,000	Deferred	\$1,500,000	Deferred
Total	\$1,600,000		\$3,000,000	

- The Company may acquire a 100% interest, subject to a 0.5% net smelter royalty fee, through a combination of work expenditures and cash payments
- On May 20, 2019, the Company formally declared the existence of a force majeure event thereby deferring the Company's obligation to make the June 2019 property payments and any subsequent property payments and work expenditures for a maximum of 24 months from the declaration date
- On March 1, 2021, the Company agreed with the owner to extend the force majeure declaration for another 24 months and paid US\$50,000 as consideration for the June 2019 property payment. As a result, the Company was able to continue deferment of the remaining property payments and work expenditures until May 20, 2023
- On May 15, 2023, the Company amended its option agreement and extended the recognition of the force majeure status until such time an agreement or agreements are in place that allow the Company to access the concessions in order to carry out exploration work
- A payment of US\$5,000 was confirmed and paid at the time of amendment and will be paid annually under the option agreement until access to the concessions is achieved by the Company

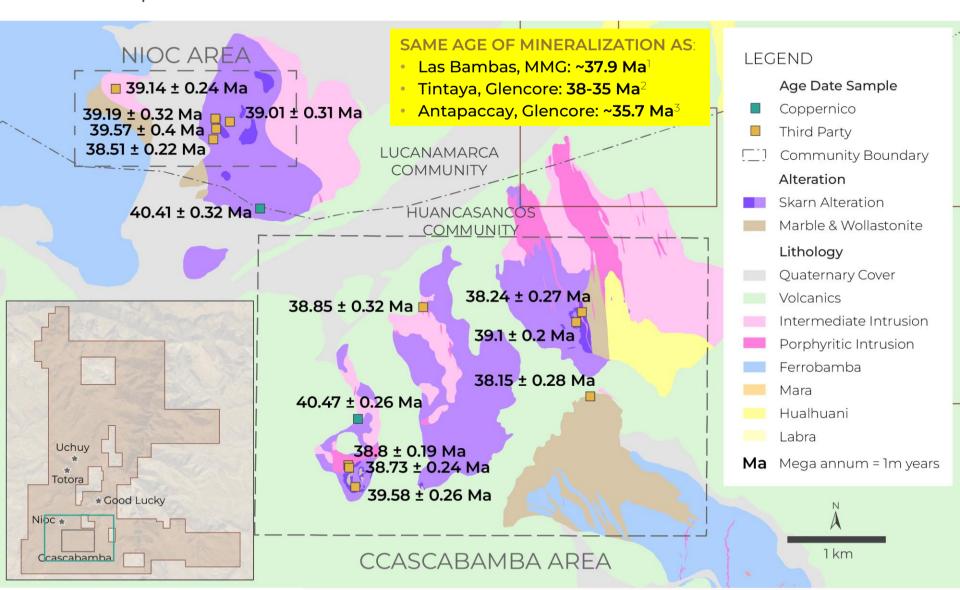
  COPPERNICO METALS TSX: COPR OTCQB: CPPMF / 28

### Schematic Sections Through Ccascabamba Target Area





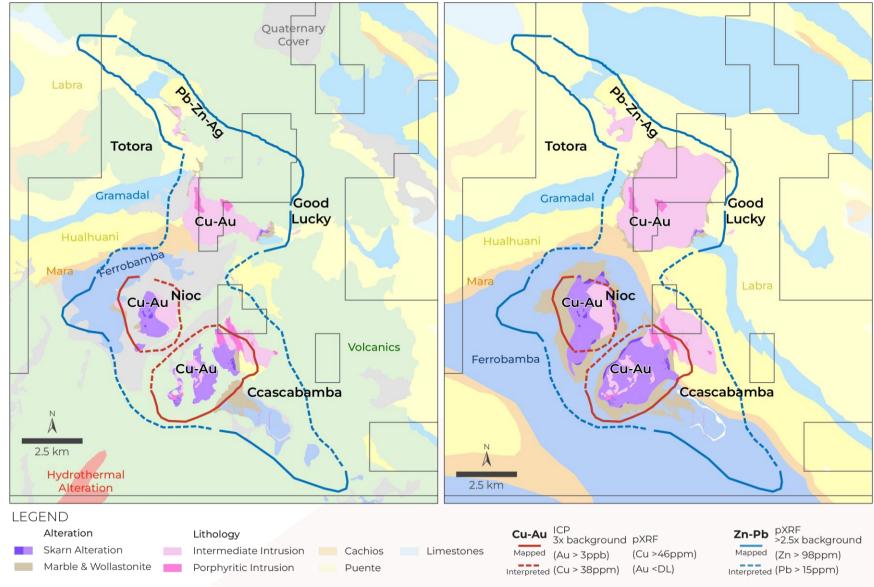
#### Multiple Eocene-dated Mineralized Intrusions



- 1. Porphyry-Style Alteration and Mineralization of the Middle Eccene to Early Oligocene Andahuaylas-Yauri Belt, Cuzco Region, Peru, Economic Geology, Vol. 98, 2003. Pg 1575-1605
- $2. \quad \text{The Eocene Coroccohuayco and Tintaya Copper Porphyry-Skarn Deposits, Peru: 5 Ma of Favourable Tectono-Magmatic Evolution, Metadatos INGEMMET, Pg 2 March 2007 and Favourable Tectono-Magmatic Evolution (Control of the Control of the Contro$
- 3. High-Resolution Geochronology of the Coroccohuayco Porphyry-Skarn Deposit, Peru: A Rapid Product of the Incaic Orogeny. Society of Economic Geologists, Inc., Economic Geology, v. 110. Pg 423-443

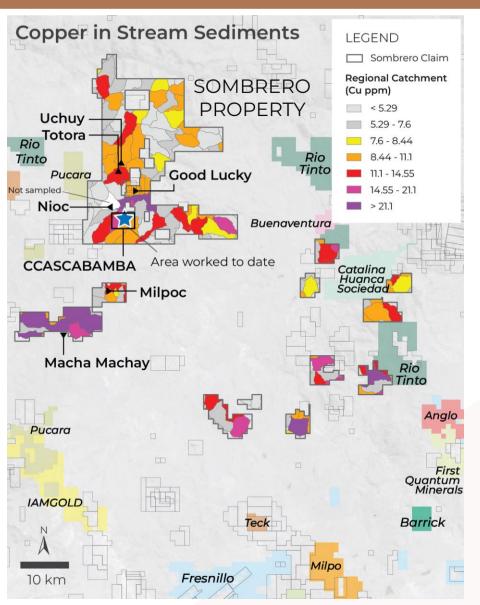


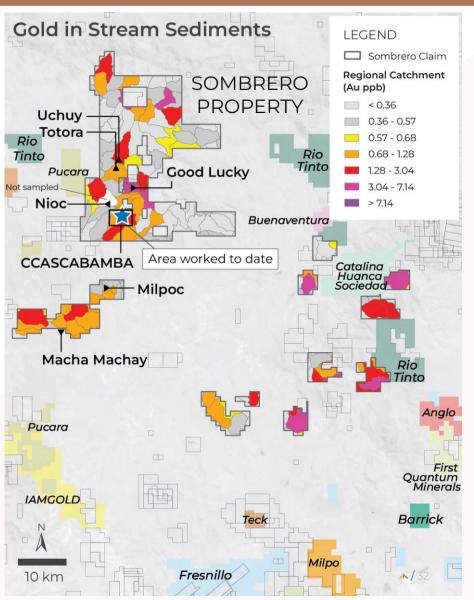
#### Sombrero Cluster: Combined Soils and Rocks Geochemical Zonation Model with Cover Stripped Back



### Large Highly Prospective Land Position

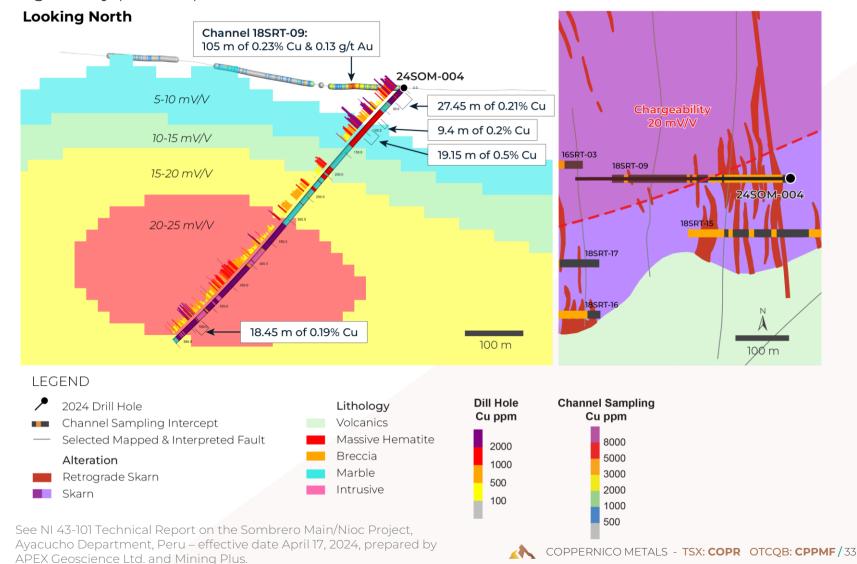
#### Drill-ready. Project Land Position = approx. 100,000 hectares





#### Hole 24SOM-004 Cross-section

Hole 4 drilled underneath channel sample 18SRT-09 which intersected 105 m  $\otimes$  0.23% Cu and 0.13 g/t Au<sup>1</sup>. The hole drilled to a depth of 586.8 m reaching an area of elevated chargeability (+20 mV).



#### Drill Core from Hole 24SOM-004

The drill core exhibits significant skarn alteration over long intervals, as well as zones of strong hematite (iron) replacement of original rock



"The Ccascabamba Area represents a large, very active mineralized system, and the extent of skarn alteration and the presence of sulphide minerals in hole 4 support our exploration thesis. This, combined with the complexity of the vein systems, indicate that we are in a highly prospective zone."

- Tim Kingsley, VP of Exploration

#### Drill Core from Hole 24SOM-004

Hole 4 displays zones with high concentrations of sulphide minerals including pyrite, chalcopyrite and pyrrhotite. Several intervals show a complex network of overprinting vein generations more than one of which contains chalcopyrite.





Diorite with secondary biotite alteration overprinted with several vein generations:

- Garnet veins
- Magnetite with epidote and chlorite veins, with a second event of pyrite deposited along magnetite borders with an associated sericite alteration halo.
- Anhydrite + sulphides (pyrite chalcopyrite - pyrrhotite sphalerite) veinlets with sericite and chlorite alteration halo.
- 4. Late calcite and silica veins.



#### Drill Core from Hole 24SOM-004

- Garnet exoskarn overprinted chlorite +/- pyrite retrograde event.
- Cut by anhydrite + sulphides (pyrite chalcopyrite pyrrhotite sphalerite) veinlets.
- Sulphides also present as disseminations.

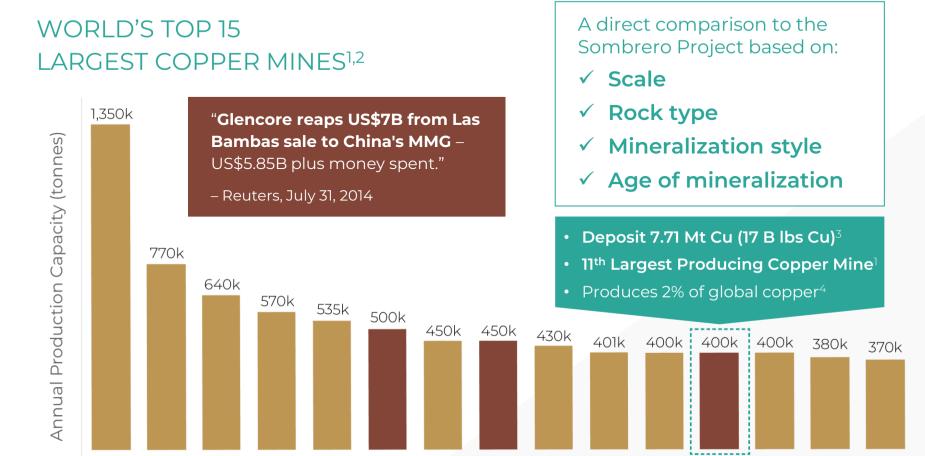


These geological characteristics suggest a robust and multiphase mineralized system and further strengthen the potential for significant copper-gold skarn mineralization at this target.





#### Initial Drill Targets Analogous to Las Bambas Mine



1st 3rd 4th 5th 6th 7th 7th 9th 14th Rankina 2nd 10th 11th 11th 77th 15th Buenavista del Cobre Zenke Fundurung Copie banama Los Pelambres Antamina as Barnbas Polar Division Other countries

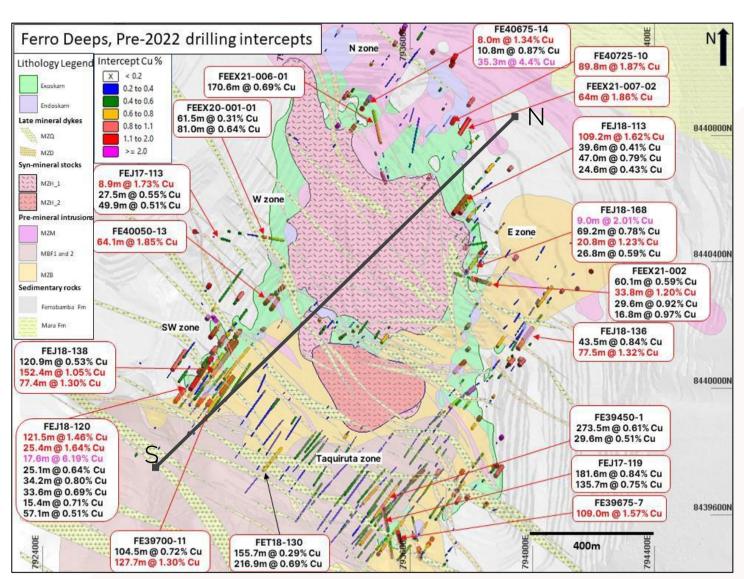


<sup>3.</sup> Source: https://ax.legal/2021/07/13/peru-mining-las-bambas-overview/4. Source: Marcelo, Rochabrun (27 April 2022). "Exclusive: China-owned Las Bambas mine weighs plan to evict protesting communities". Reuters.

#### Ferrobamba (Las Bambas) Map with Pre-2022 Drill Results

- High-grade
   (+1% Cu) skarn
   mineralization
   around
   polyphase
   intrusion
   system
- Complex irregular geometry

Source: Report of Exploration Results from Las Bambas and Rosebery, by MMG Limited, dated July 13, 2023

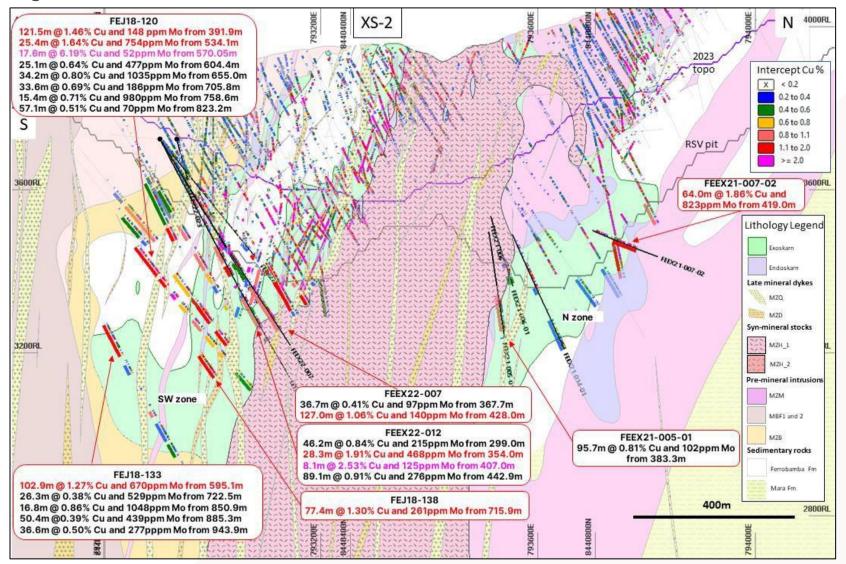


Plan view showing Geology slice through 3,400m RL. The coloured traces show all intercepts > 0.2% Cu and > 8m length below the planned Reserve Pit from all holes drilled before 2022. Select intervals are highlighted in the text boxes.



#### Ferrobamba (Las Bambas) Cross-section XS-2 with 2022 Drill Results

- High-grade (+1% Cu) skarn mineralization around polyphase intrusion system
- Significant vertical extent





TSX: COPR OTCQB: CPPMF

Strategic | Disciplined | Responsible | Committed

Sign up for the latest news: www.coppernicometals.com

Contact: info@coppernicometals.com +1 778-729-0600

SUBSCRIBE FOR UPDATES

