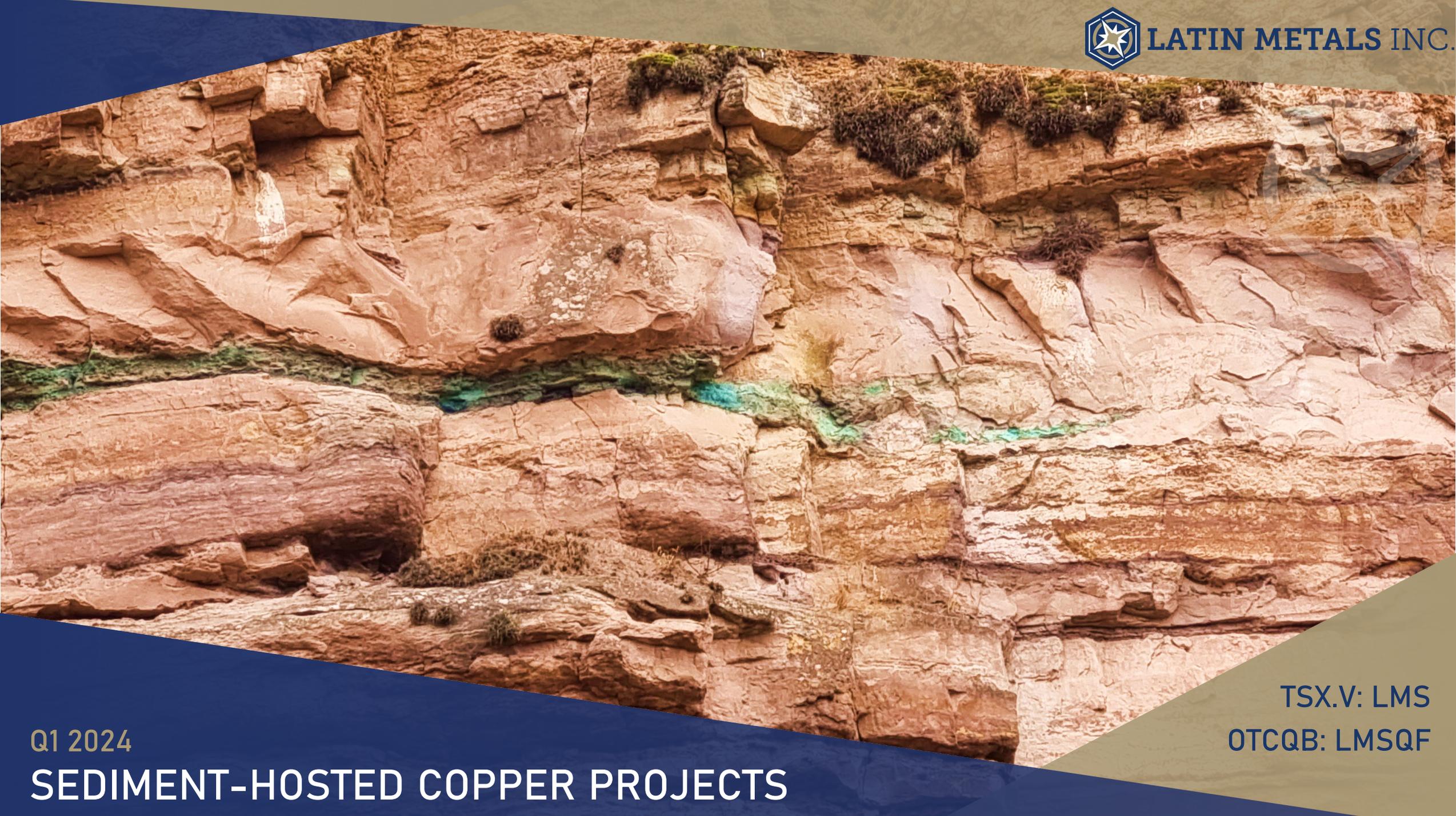




LATIN METALS INC.



Q1 2024

SEDIMENT-HOSTED COPPER PROJECTS

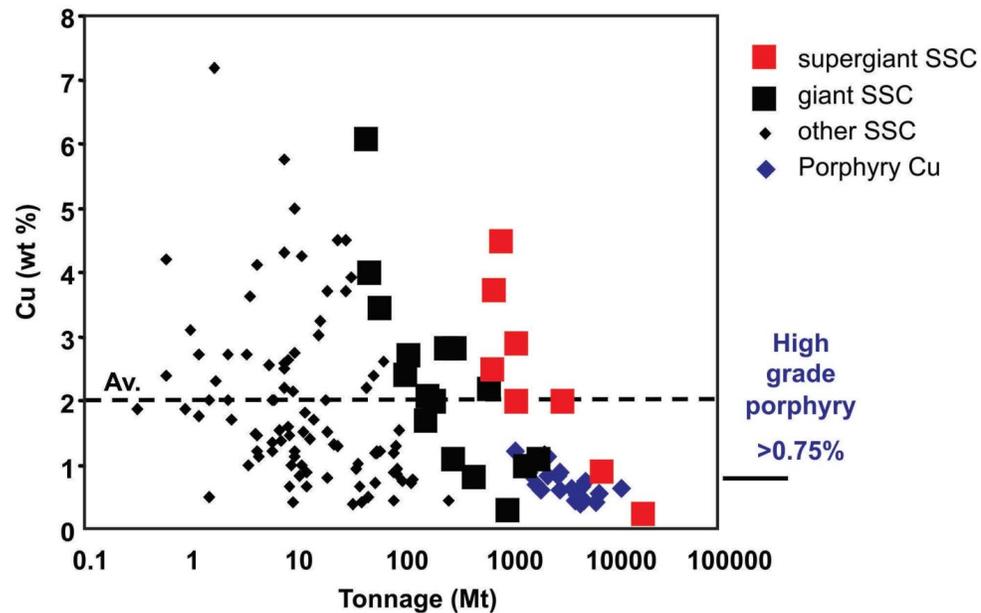
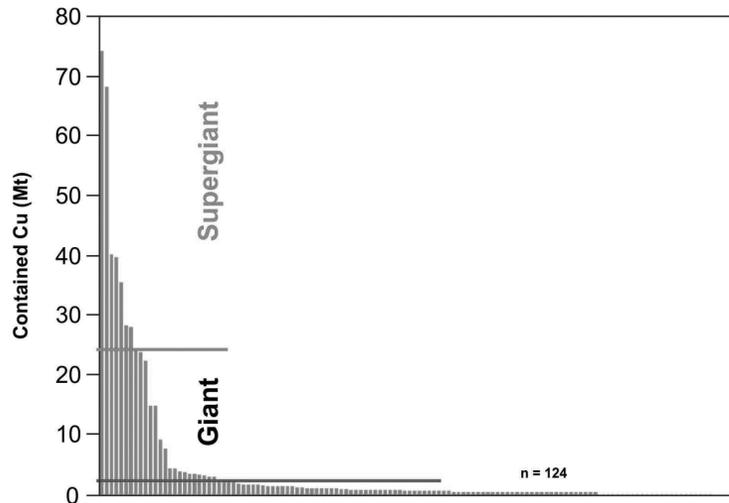
TSX.V: LMS
OTCQB: LMSQF

- First mover advantage for Latin Metals, holding >90% of prospective ground
- >500,000-hectare project is 100%-owned by Latin Metals Inc. subsidiaries
- Sediment-hosted copper deposits tend to be high-grade and large tonnage – attractive to potential major company partners

- Projects located in Salta and Juyay Provinces, northwest Argentina
- Low elevation, moderate topography, road accessible, with year-round access

- Stream sediment screening planned across all projects. Approximately 60% of Mirador project complete, with plans to complete all projects in 2024.
- Rock chip sampling is undertaken where copper mineralization is identified at surface.
- Regional geophysics and hyperspectral surveys planned.

Why Sediment-Hosted Copper?



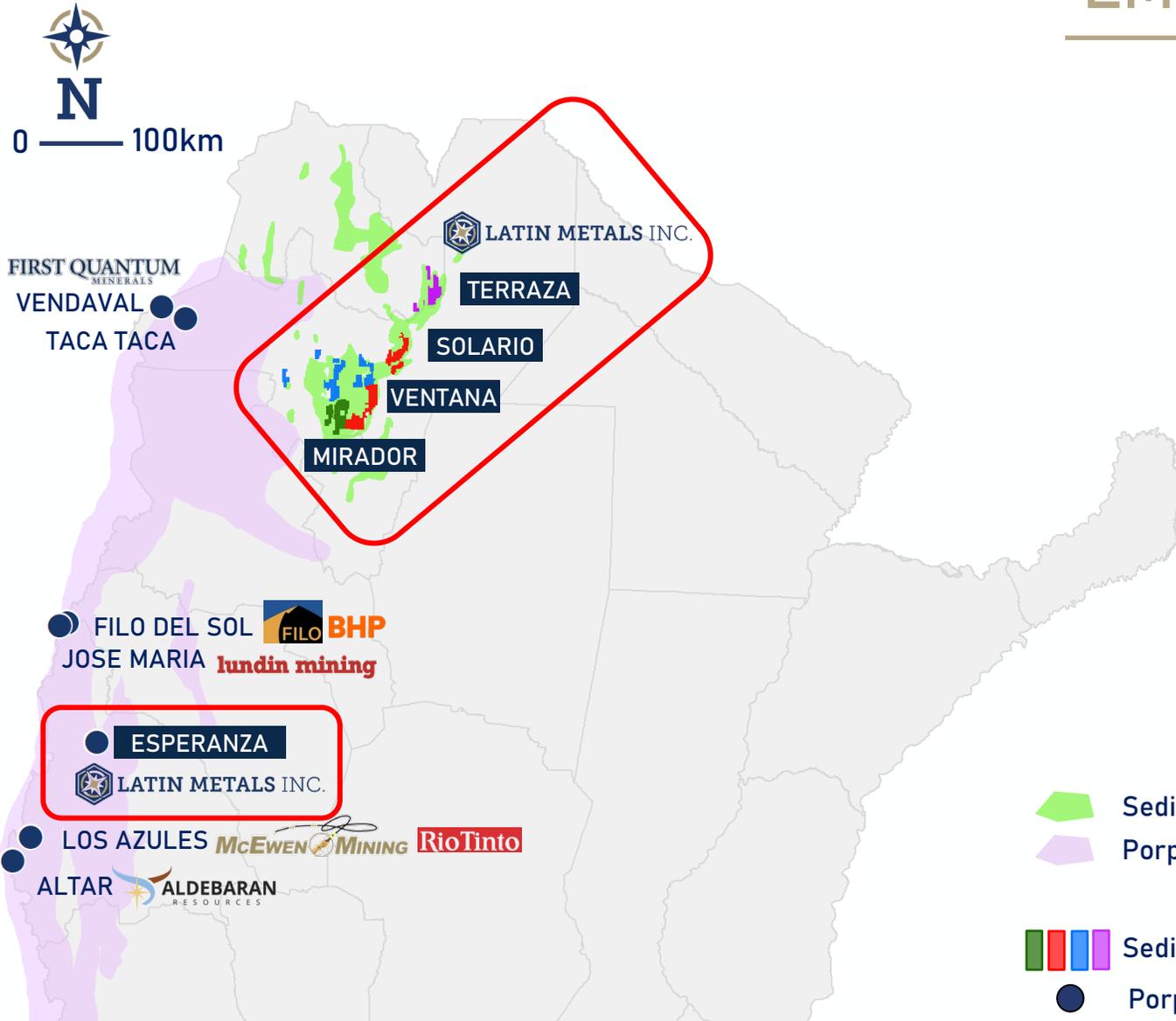
- 23% of global copper production* (~500 Mt copper) and 10% of known resources* (~176 Mt copper)
- Important sources of silver and cobalt – with variable lead, zinc, uranium, nickel, PGE, and gold credits
- 25% of deposits contain silver credits and 14% contain cobalt credits (usually not both)
- 7% supergiant deposits (>24 Mt contained copper) and 5% giant deposits (>2 Mt contained copper)
- Best Examples : Central Africa and Kupferschiefer belts.

Belt	Average Grade	Thickness	Copper Resource
Central Africa Copper Belt	1.6% Cu	5m to 50 m	150MMt
Kupferschiefer	3% Cu	0.1m to 50m	79MMt

Modified from Zientek, Hayes and Taylos (2013)

(*)from Assessment of Undiscovered Copper Resources of the World, 2015

LMS Copper Interests in Argentina

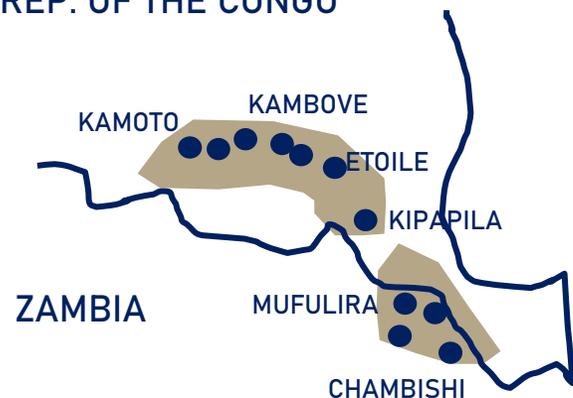


- Within northwest Argentina's porphyry belt, Latin Metals has an option to acquire a 100% interest in the Esperanza copper-gold porphyry project, located in San Juan Province. In 2024, Latin Metals is seeking a partner to advance this advanced porphyry exploration project.
- Within the Cretaceous sediment-hosted copper belt, located in Juyay and Salta Provinces, Latin Metals has a dominant 500,000-hectare land position. Mirador, Ventana, Solario, and Terraza projects. Planned to advance through Phase II exploration during 2024.

- Sediment-Hosted Copper Belt.
- Porphyry Belts
- Sedimentary copper projects 100% Latin Metals Inc
- Porphyry advance stage projects



REP. OF THE CONGO



GERMANY POLAND



0 — 100km

Central Africa Copper Belt (Zambia, Rep. of Congo)

- ~152 Mt copper resources(*)
- 20% of the world's copper production.
- Copper production from 1930

Europe Kupferschiefer (Germany-Poland)

- ~60 Mt Copper produced (**)
- Copper production from 1970

Argentina Sediment-Hosted Copper Belt

- 90% of prospective land held by LMS.
- 100% owned
- 550,000-hectare land package



- FAVOURABLE HOST ROCKS

Sediment-hosted copper occurrences are focused within the Balbuena and Pirgua subgroups within the larger Salta group where facies are dominated by shales, sandstones, limestones and evaporites. Favourable lithostratigraphic evolution.

This stratigraphic column and facies distribution is very similar to the *Roan Group* in Central Africa and in the *Zchestein Group* in the Kupferschiefer copper belt.

- STRUCTURAL CONTROL

The Salta group is folded and faulted with a prevalent southeast-southwest trend believed to play a crucial role in the migration of basinal brines and the formation of sediment-hosted copper deposits.

- REDOX BOUNDARIES

The Salta Group includes contrasting red beds and rich organic shales as well as evaporitic levels through time, providing multiple redox boundaries within the stratigraphy column creating stratigraphic traps for copper enrichment.

- HISTORICAL COPPER MINING

The Salta group contains several historical occurrences at various stratigraphic levels within the Pirgua and Balbuena subgroups – demonstrated fertility.

There are likely to be other levels in the stratigraphy which are as yet unknown.

- **GEOCHEMICAL PATHFINDERS**

Planned geochemical screen of the 550,000-hectare land package will be completed using stream sediment sampling. With every drainage basin sampled, LMS will be able to focus its efforts and vector towards highest priority target areas for follow-up work.

- **HYPERSPETRICAL SURVEY**

Hyperspectral studies may help to identify altered zones as well some types of mineralization (oxide copper) across very large areas. It may also allow detailed structural interpretation that can help to identify high potential deformed zones for follow-up exploration.

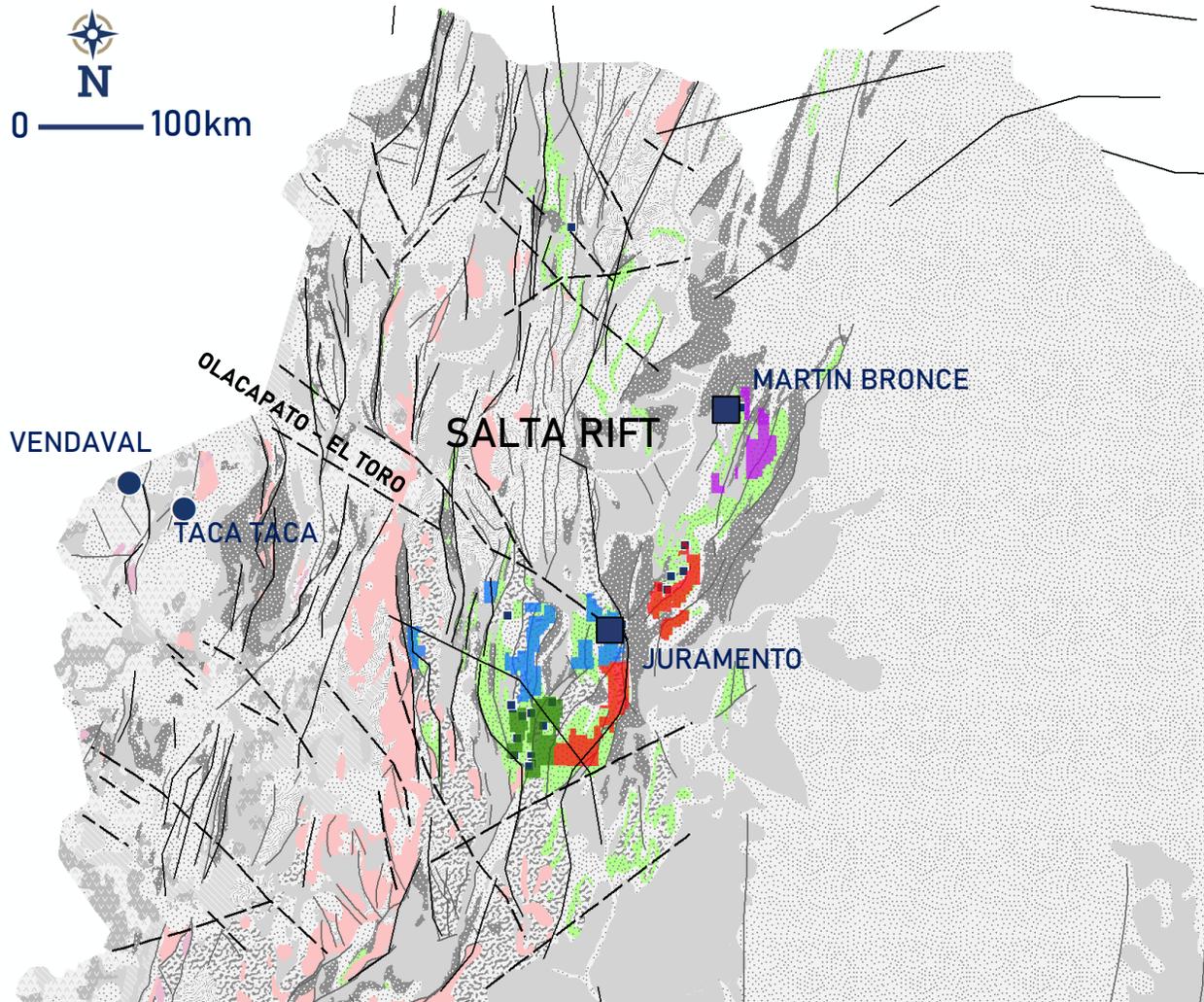
- **GEOPHYSICAL SURVEYS**

LMS will review a range of potential geophysical techniques for regional assessment, including electromagnetic and magnetic surveys.

- **REGIONAL STRUCTURAL ASSESSMENT**

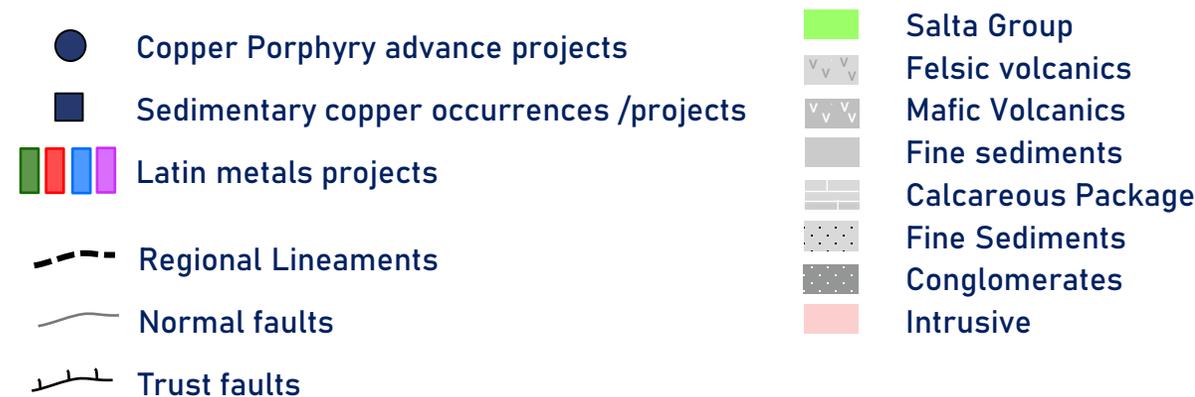
Structural assessment may be undertaken through interpretation of satellite imagery. Assessment of existing seismic data is also possible if LMS can secure access to existing datasets acquired by the petroleum industry. Focus will be on basin architecture and scale.

Mineralization Events



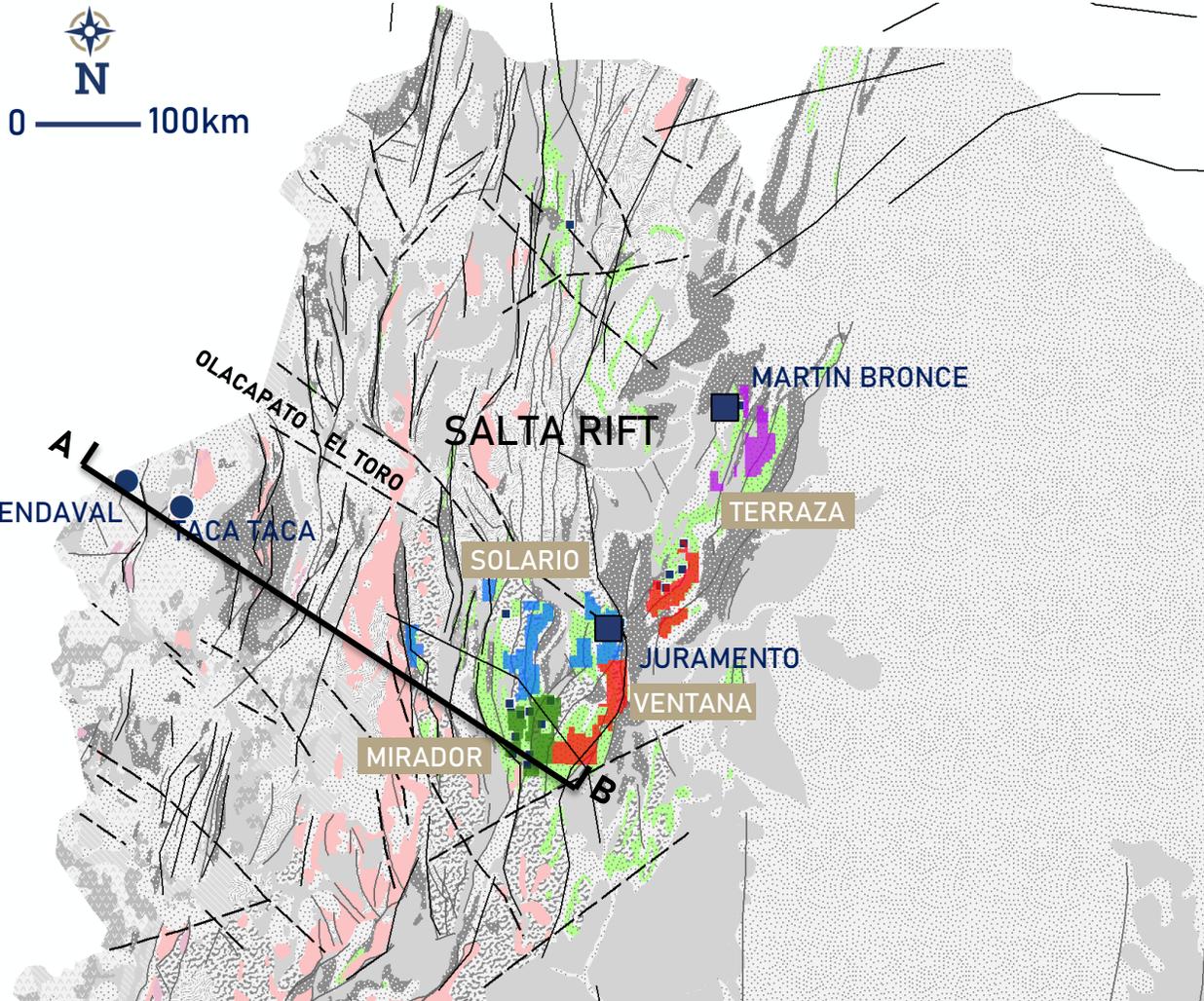
Regional Geology by SEGEMAR

- Cretaceous: Martin Bronce and Juramento deposits are Cretaceous in age (86-100 Ma).

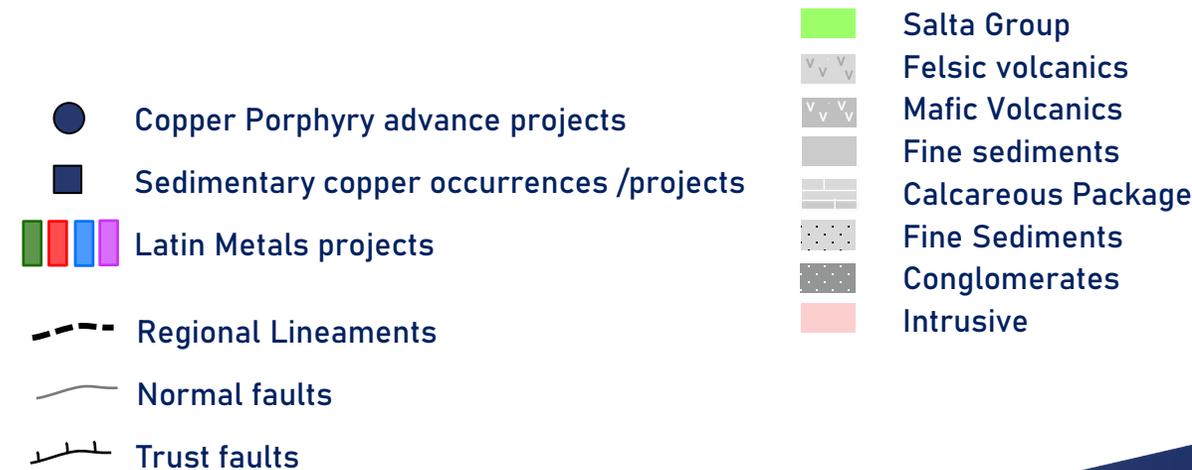


Note: Martin Bronce & Juramento deposits are located outside of the LMS land position.

Copper Endowment

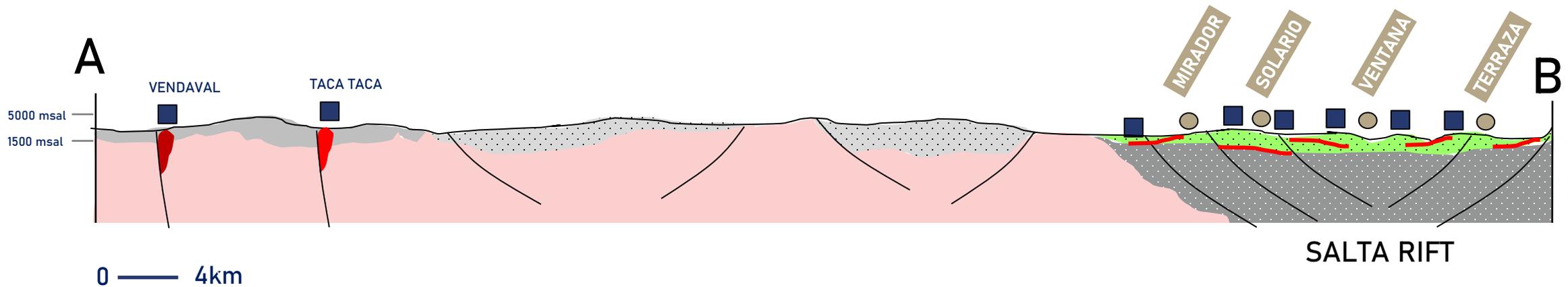


- Martin Bonce deposit: historical resources of 80,000t copper
- Juramento deposit: historical resources of 44.7Mt @ 0.85 copper and 21.8 g/t silver
- The remainder of the belt is underexplored; many of the historical occurrences have never been followed up with any modern exploration.
- Moreover, LMS has discovered copper occurrences that are not recorded in any database and appear to be previously unknown.



Note: Martin Bonce & Juramento deposits are located outside of the LMS land position.

Schematic Cross Section



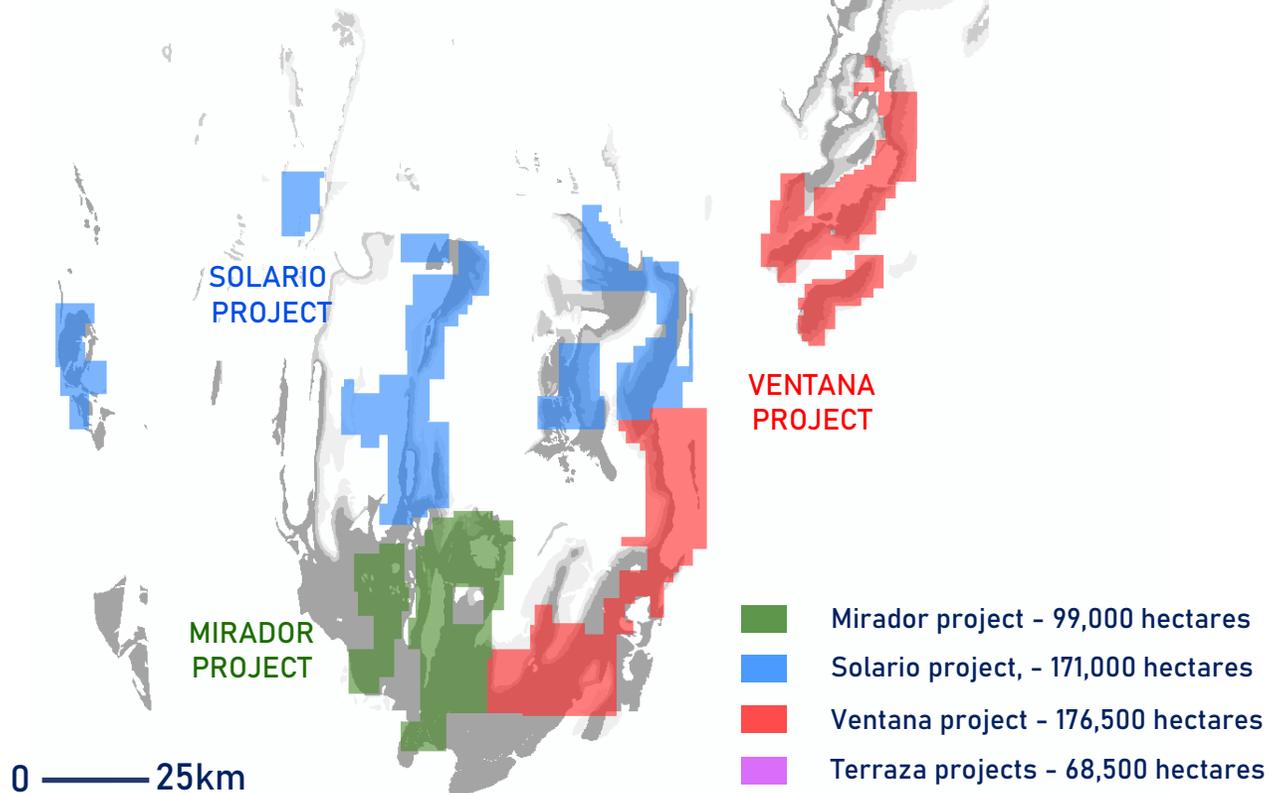
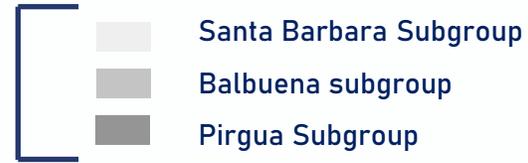
-  Latin metals Mirador project
-  Copper Porphyry advance projects
-  Sedimentary copper occurrences /projects

-  Miocene porphyry copper mineralization
-  Oligocene Porphyry copper mineralization
-  Cretaceous sedimentary copper mineralization

-  Volcanics
-  clastic / calcareous sediments
-  clastic / calcareous sediments
-  Basement / conglomerates
-  Intrusive



Salta Group

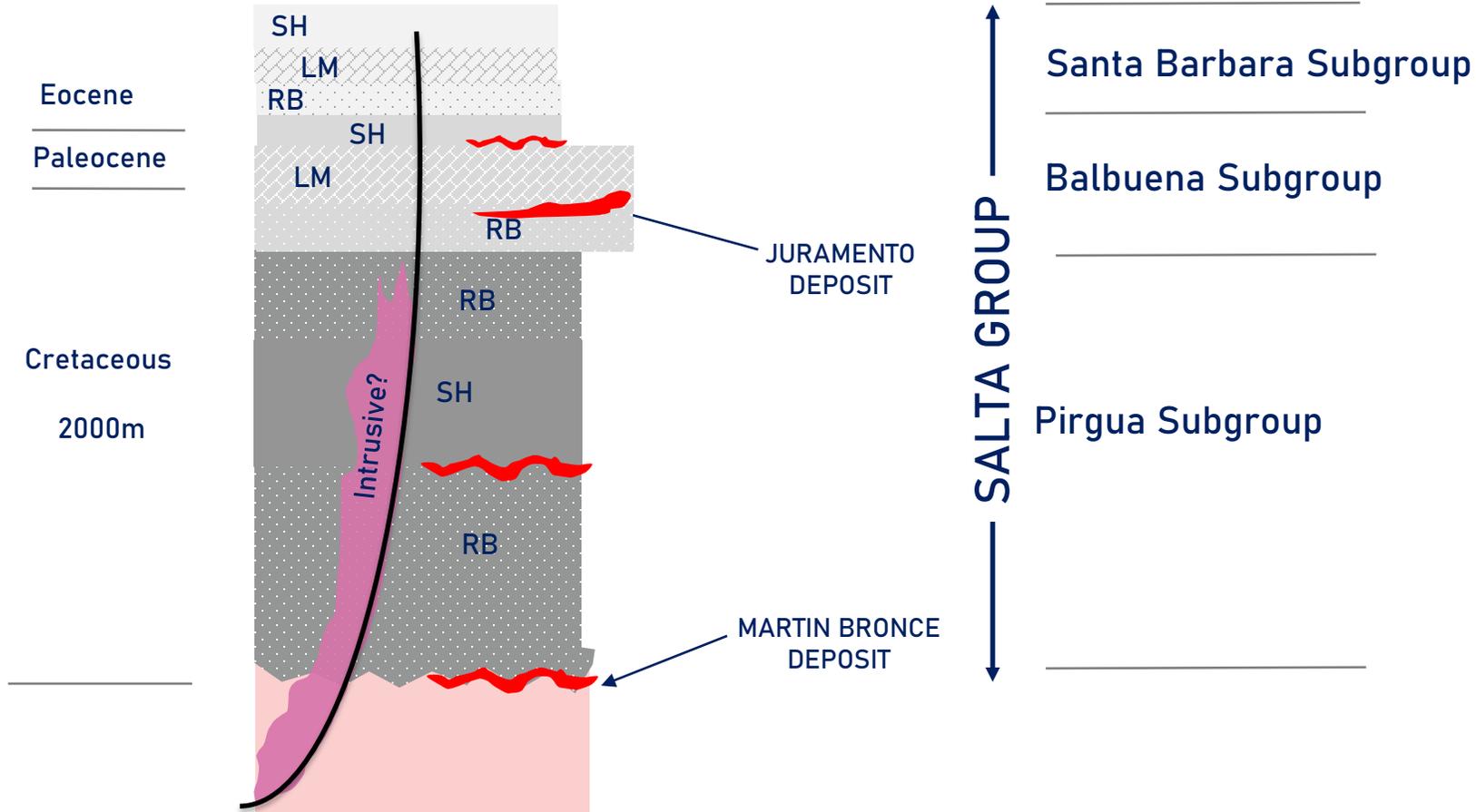


- Mirador project - 99,000 hectares
- Solario project, - 171,000 hectares
- Ventana project - 176,500 hectares
- Terraza projects - 68,500 hectares

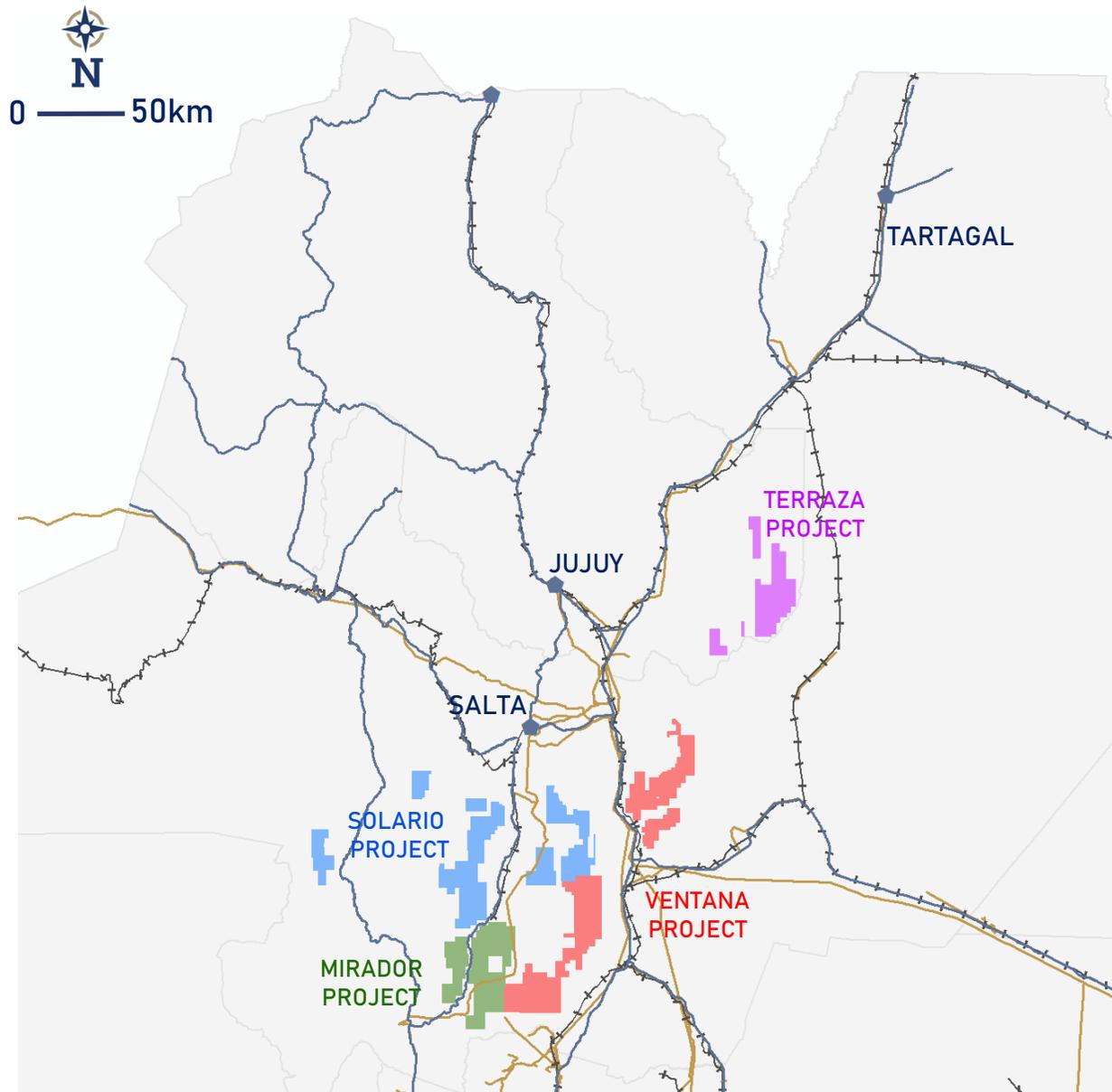
- The Salta Group is divided in three subgroups:
 - The Lower and Upper Cretaceous Pirgua Subgroup
 - The Upper Cretaceous to Paleocene Balbuena Subgroup
 - The Paleocene to Eocene Santa Bárbara Subgroup.
- Pirgua and Balbuena subgroups are known to host copper mineralization.
- Three known stratigraphic levels of copper mineralization within the Salta Group. Most of the belt unexplored so it is likely that other stratigraphic levels will be mineralized.

Note -- Land position held as applications which are in the process of being converted to Cateos. LMS land position will not be 100% confirmed until all applications converted to Cateos, and LMS cannot guarantee 100% conversion.

Stratigraphic Column



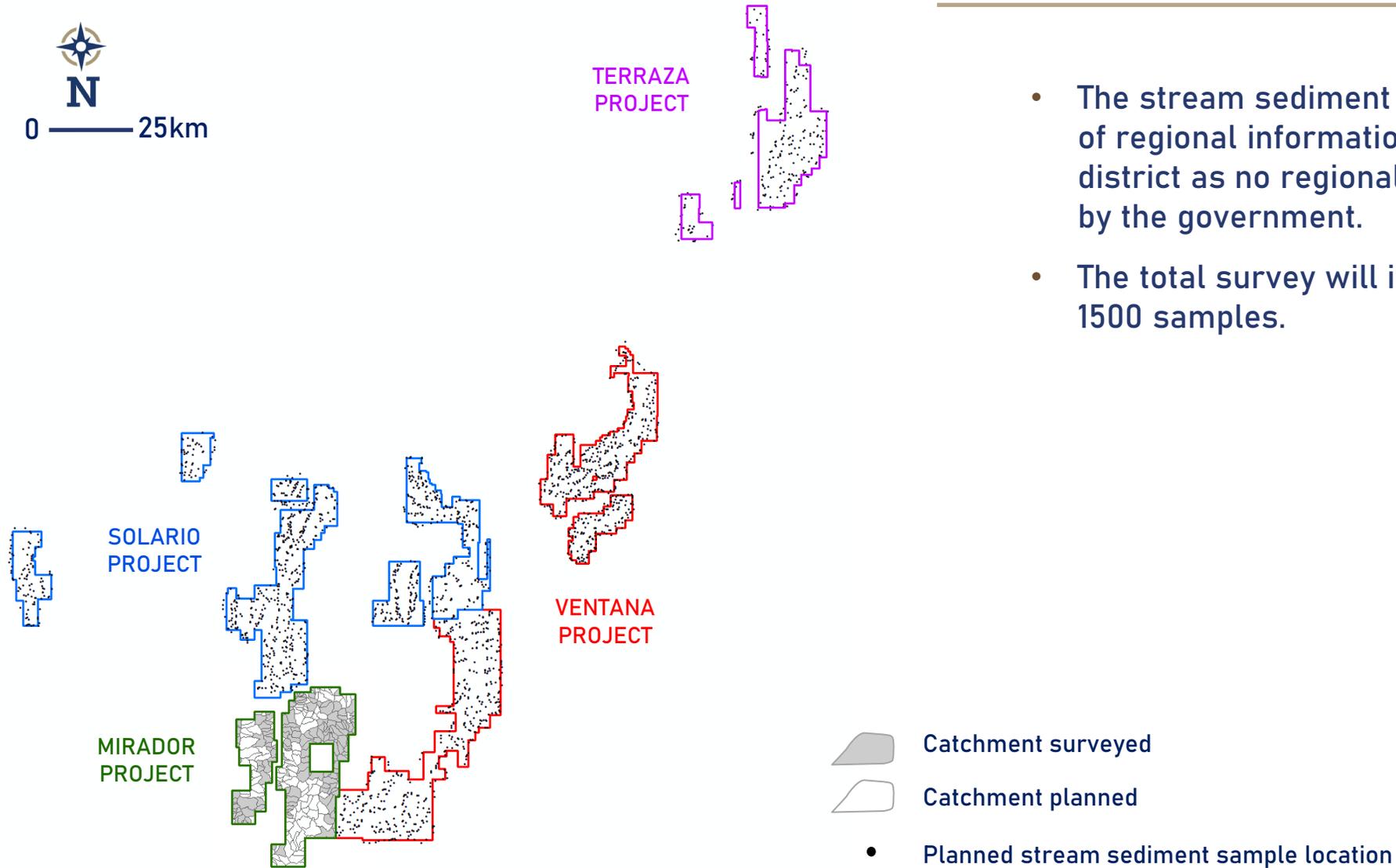
Several levels of mineralization can be found within Latin Metals land position as the area includes all subgroups of the Salta group.



- The project is located in Salta and Jujuy provinces.
- Road accessible year-round.
- Extensive power distribution network serving mining industry and agriculture.
- A total of 515,000 hectares

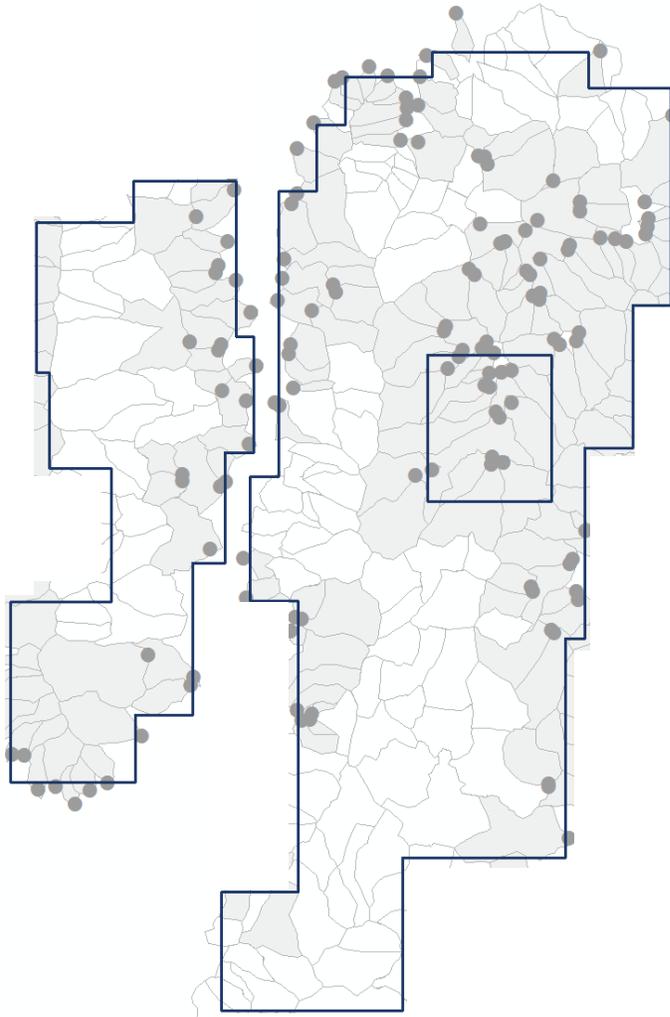
- Cities
- Roads
- Electrical Grid
- Railroad
- Mirador project, 99,000 hectares
- Solario project, 171,000 hectares
- Ventana project, 176,500 hectares
- Terraza projects, 68,500 hectares

Stream Sediment Program



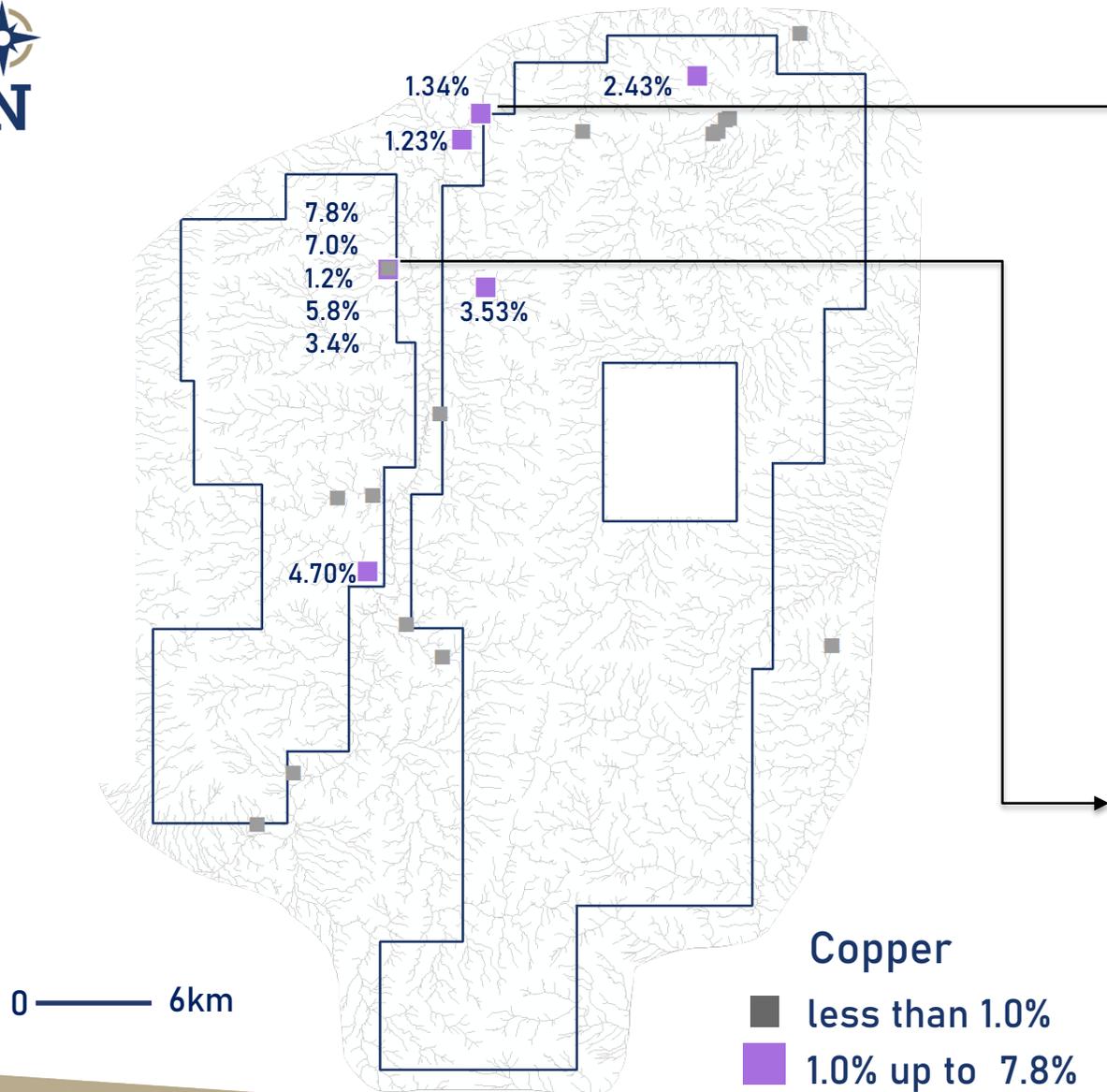
- The stream sediment survey is the first layer of regional information we are taking in the district as no regional information is provided by the government.
- The total survey will include approximately 1500 samples.

Mirador Project Stream Sediment

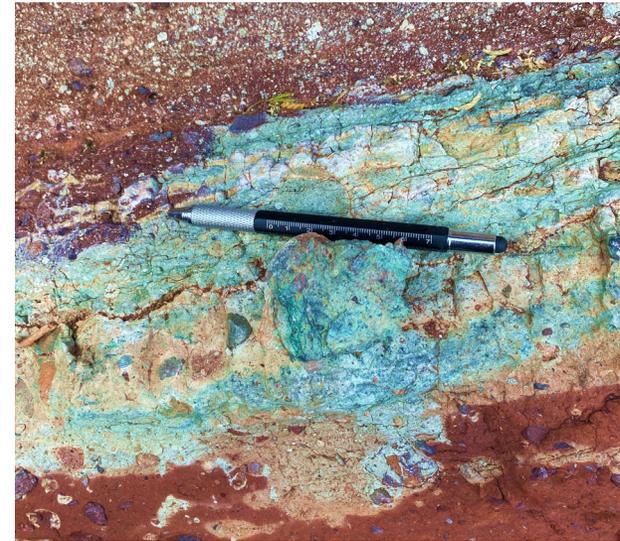


0 — 6km

- In the initial phase in 2023, we completed 196 samples covering 60% of the area related to Mirador project
- Samples collected but no analysis completed as yet. Initial screening by portable XRF expected to be completed in Q1 2024 and through the remainder of the sampling program
- This survey also helped with mapping of structural trends
- Rock chip sampling was undertaken during drainage sampling (next slide)



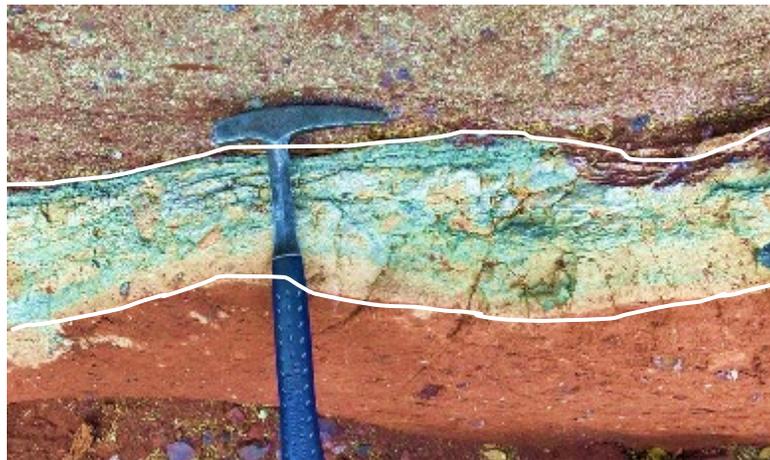
- Initial sampling results has confirmed copper mineralization hosted mostly in shales and clastic sandstones, similar to the Kupferschiefer belt.



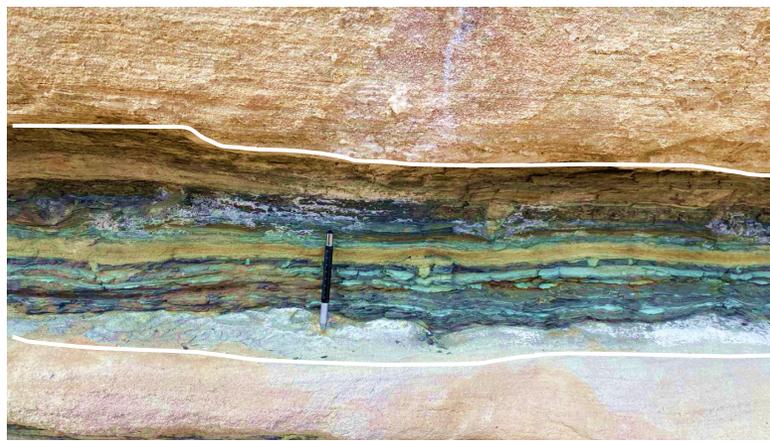
Clastic horizon with Copper oxides mineralization, between 7 to 12 cm width and grades from 1.2% copper up to 7.8% copper



Subcrop with 1m thick chip sample grading 1.34% copper



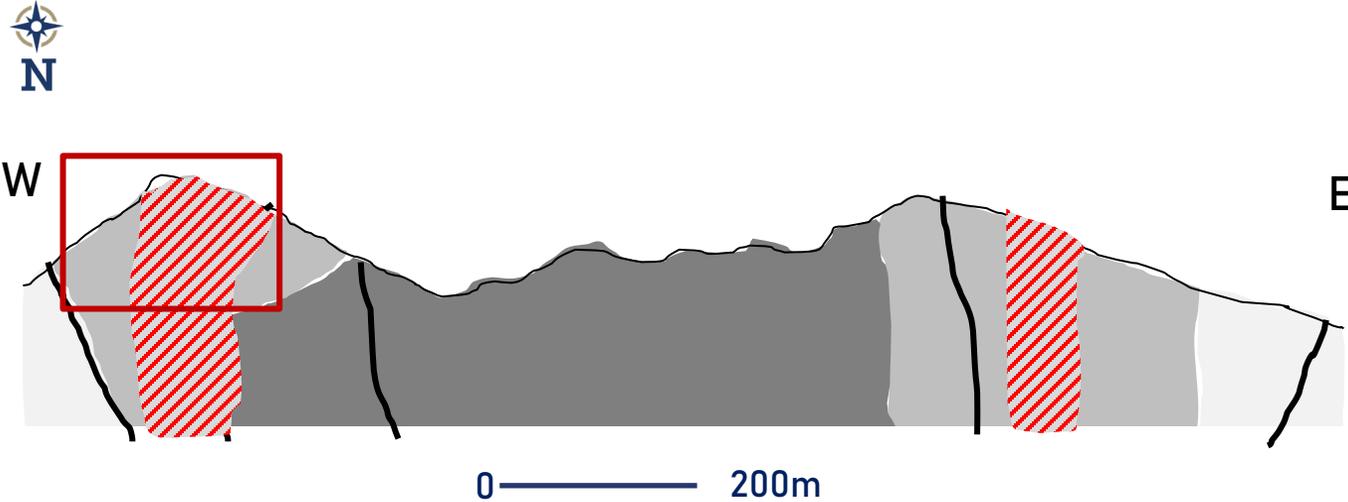
Clastic horizon with copper oxides mineralization, between 7 to 12 cm thick and grades up to 7.8% copper



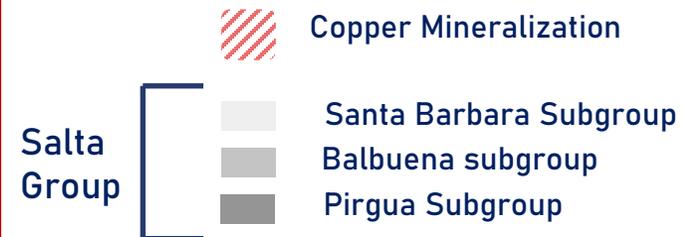
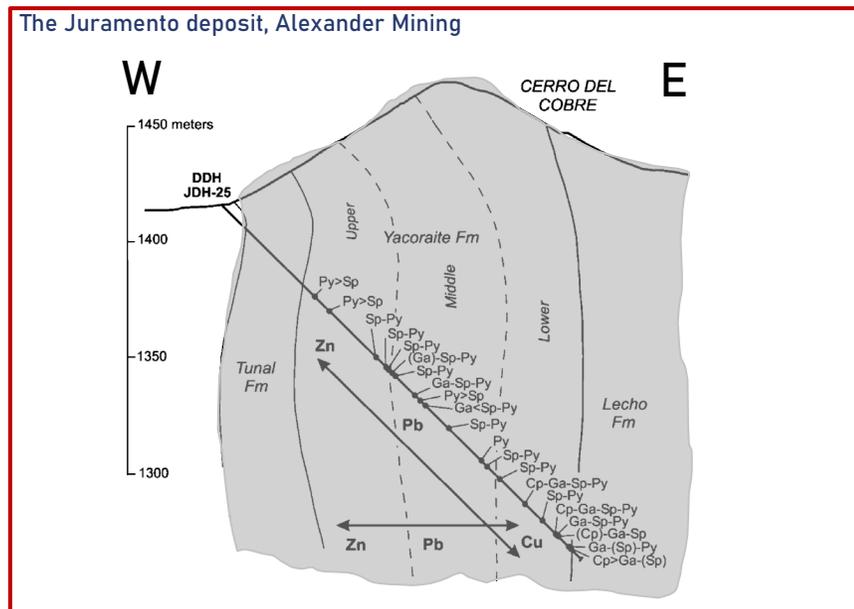
Shale horizon with copper oxide mineralization , between 7 to 20cm thick

- Sediment-hosted copper mineralization is hosted in rich organic shales (reduced facies), together with mineralization hosted in clastic rocks (sandstone type). These two facies form the largest deposits, whereas vein-style deposits are smaller in tonnage.
- To date, all copper mineralization at surface is oxidized.
- In sediment-hosted systems expect transitions from pyrite to chalcopyrite to bornite to chalcocite. Surface oxides need to be drill tested.
- Kupferschiefer deposits have mineralized zones from 0.1m to 10's of meters in thickness.

Juramento Deposit

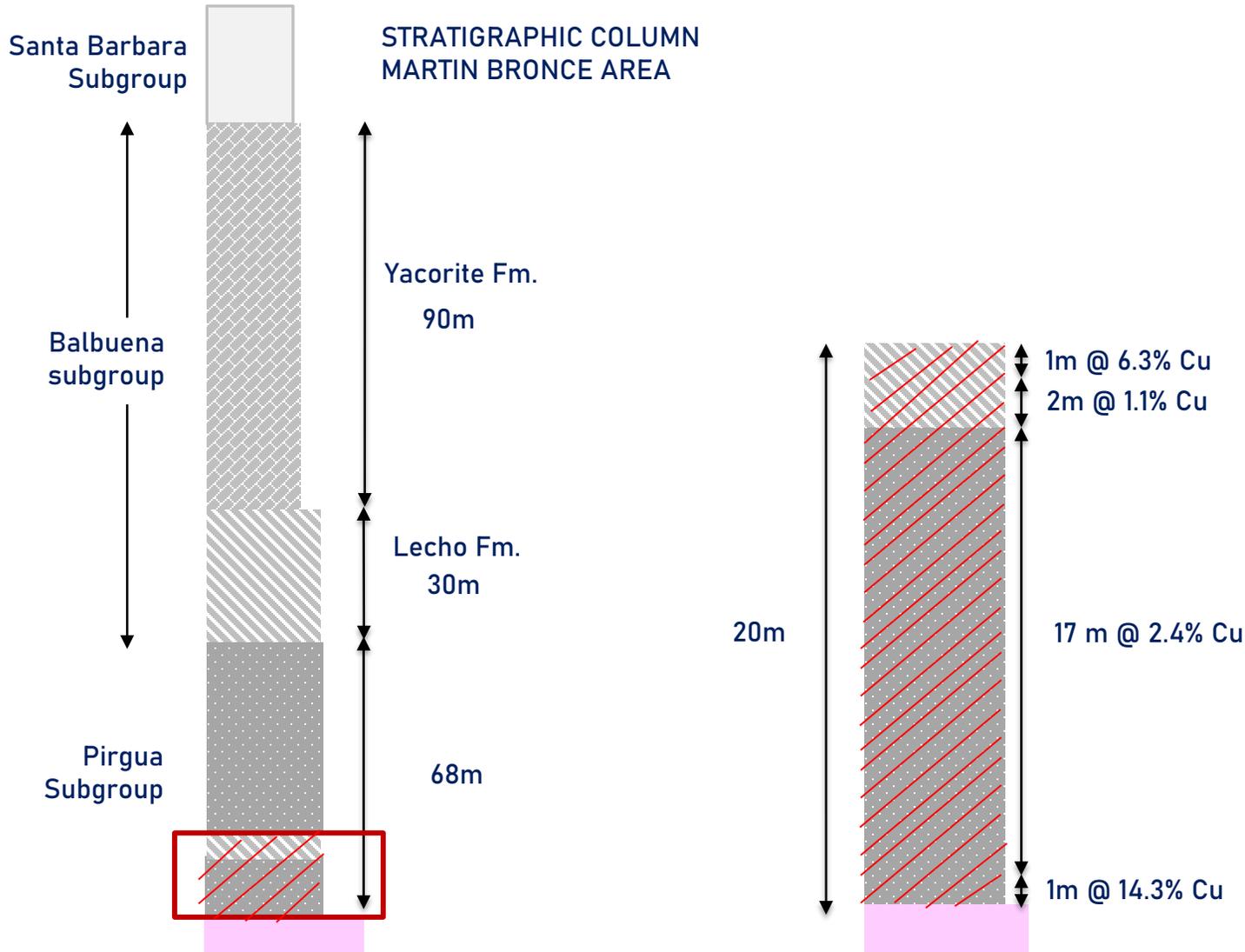


- Area drilled in 2005 by TSX.V issuer called Alexander Mining.
- 6 Mt grading 0.64%Cu and 22 g/t Ag as reported Alexander Mining
- There is zonation of zinc-lead copper mineralization – not well understood.
- No brownfield exploration has been reported, as Alexander just focused on outcropping mineralization.



Note: Juramento deposits is located outside of the LMS land position.

Martin Bronze Deposit



- Copper-lead-zinc-silver
- Copper-oxide mineralization (malacite, azurite, chalcocite) as cement in the conglomerate and veinlets
- Conglomerate with quartzites and sandstone clasts
- **MINERALIZED ZONE: ~21m @ 2.64% copper**
- **HOST: Conglomerates , Sandstones**

