



Sobek Project, Chile



MIRASOL
RESOURCES LTD

**FOCUSED
ON
DISCOVERY**

TSX-V: **MRZ**
OTC: **MRZLF**

Precious Metals Summit
Beaver Creek September 2023

MIRASOL RESOURCES

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This presentation contains certain statements that may be deemed “forward-looking statements”. All statements in this presentation, other than statements of historical fact, that address future operations, resource potential, exploration drilling, exploitation activities and events or developments that the Company expects to occur, are forward looking statements. Forward looking statements are statements that are not historical facts and are generally, but not always, identified by the words “expects”, “plans” “anticipates”, “believes”, “intends”, “estimates”, “projects”, “potential” and similar expressions, or that events or conditions “will”, “would”, “may”, “could” or “should” occur. Information inferred from the interpretation of drilling results and information concerning mineral resource estimates may also be deemed to be forward looking statements, as it constitutes a prediction of what might be found to be present when and if a project is actually developed. Although the Company believes the expectations expressed in such forward-looking statements are based on reasonable assumptions, such statements are not guarantees of future performance and actual results may differ materially from those in the forward-looking statements. Factors that could cause the actual results to differ materially from those in forward-looking statements include market prices, exploitation and exploration successes, and continued availability of capital and financing, and general economic, market or business conditions. Investors are cautioned that any such statements are not guarantees of future performance and actual results or developments may differ materially from those projected in the forward-looking statements. Forward looking statements are based on the beliefs, estimates and opinions of the Company’s management on the date the statements are made. The Company undertakes no obligation to update these forward-looking statements in the event that management’s beliefs, estimates or opinions, or other factors, should change, except as may be required by applicable law.

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All material project information in this presentation has been previously disclosed to the public by Mirasol.

Tim Heenan (MAIG), President for Mirasol has reviewed and approved the technical content of this presentation and is a Qualified Person under NI 43 -101.

Mirasol - Key Highlights



- Leading exploration company with a track record of success

- \$60 million liquidity event in 2012 from the discovery and sale of the Joaquin Project

- Conservative share structure with significant insider ownership

- Quality copper, gold and silver exploration projects

- Focused on highly-prospective and mine-friendly jurisdictions of Chile and Argentina

- Established in-country permitting and operating experience

- Well-funded exploration and JV partnerships

- Extensive exploration programs for remainder of 2023 and Q1 2024

- Drill campaigns at 2 Flagship Projects in Q3/Q4 this year

Robust Treasury and Conservative Share Structure

Well-Funded

Cash

~C\$8.2 Million

Cash position as at end of quarter June 30, 2023

Conservative Share Structure

Shares Outstanding

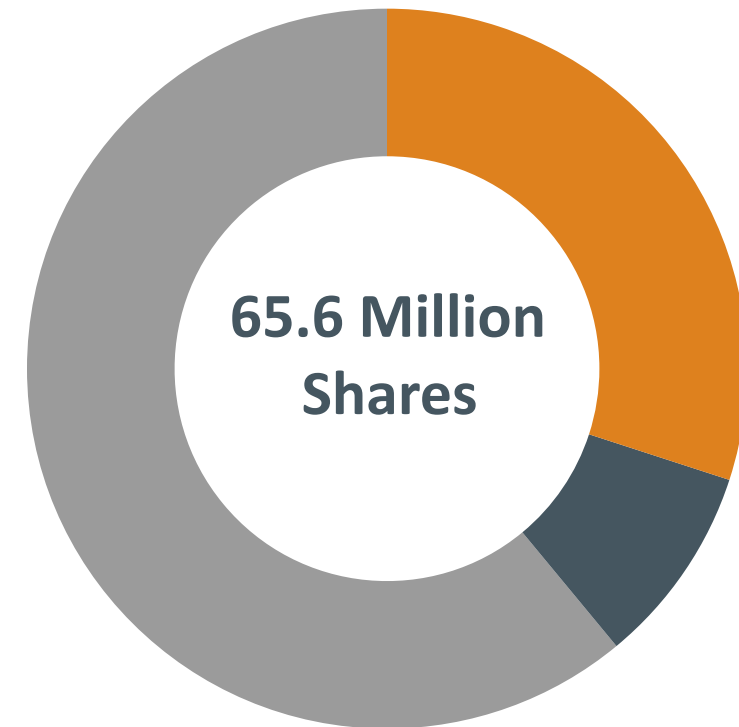
65.6M

Shares Fully Diluted

73.0M

Market Capitalization

~C\$44.6M



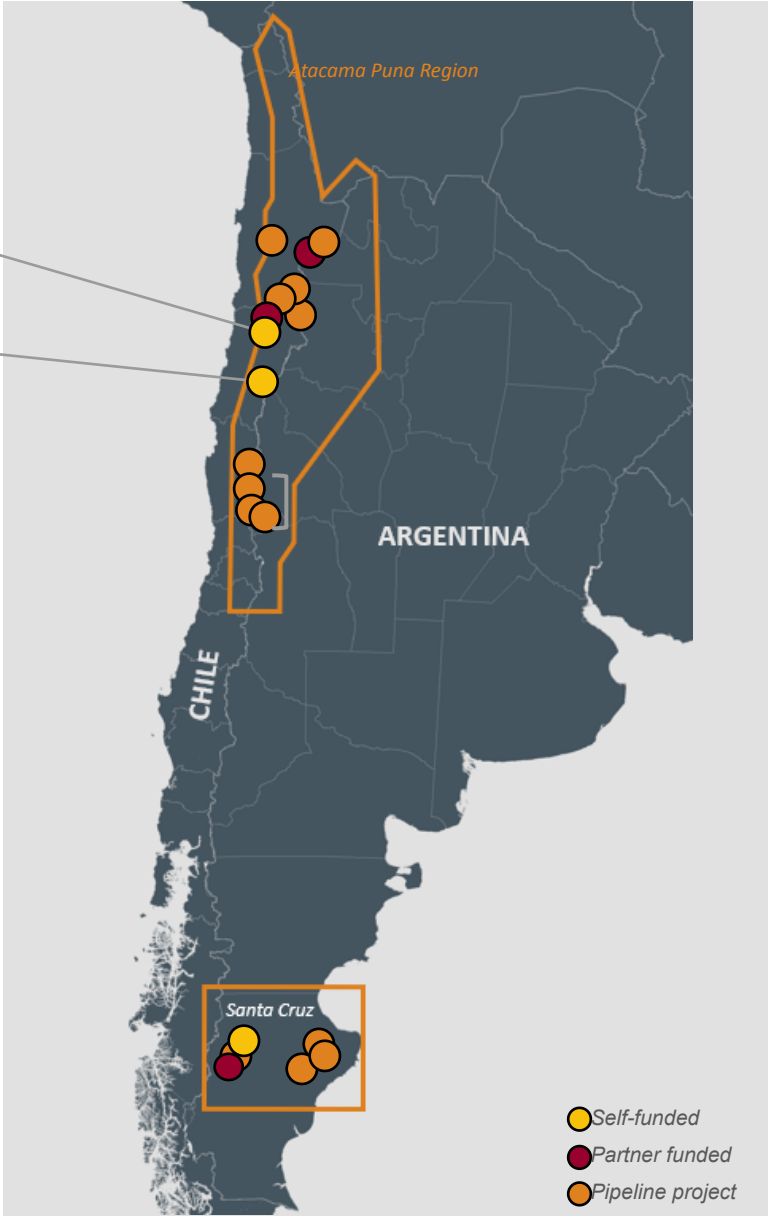
Directors & Management
30%

Institutional
9%

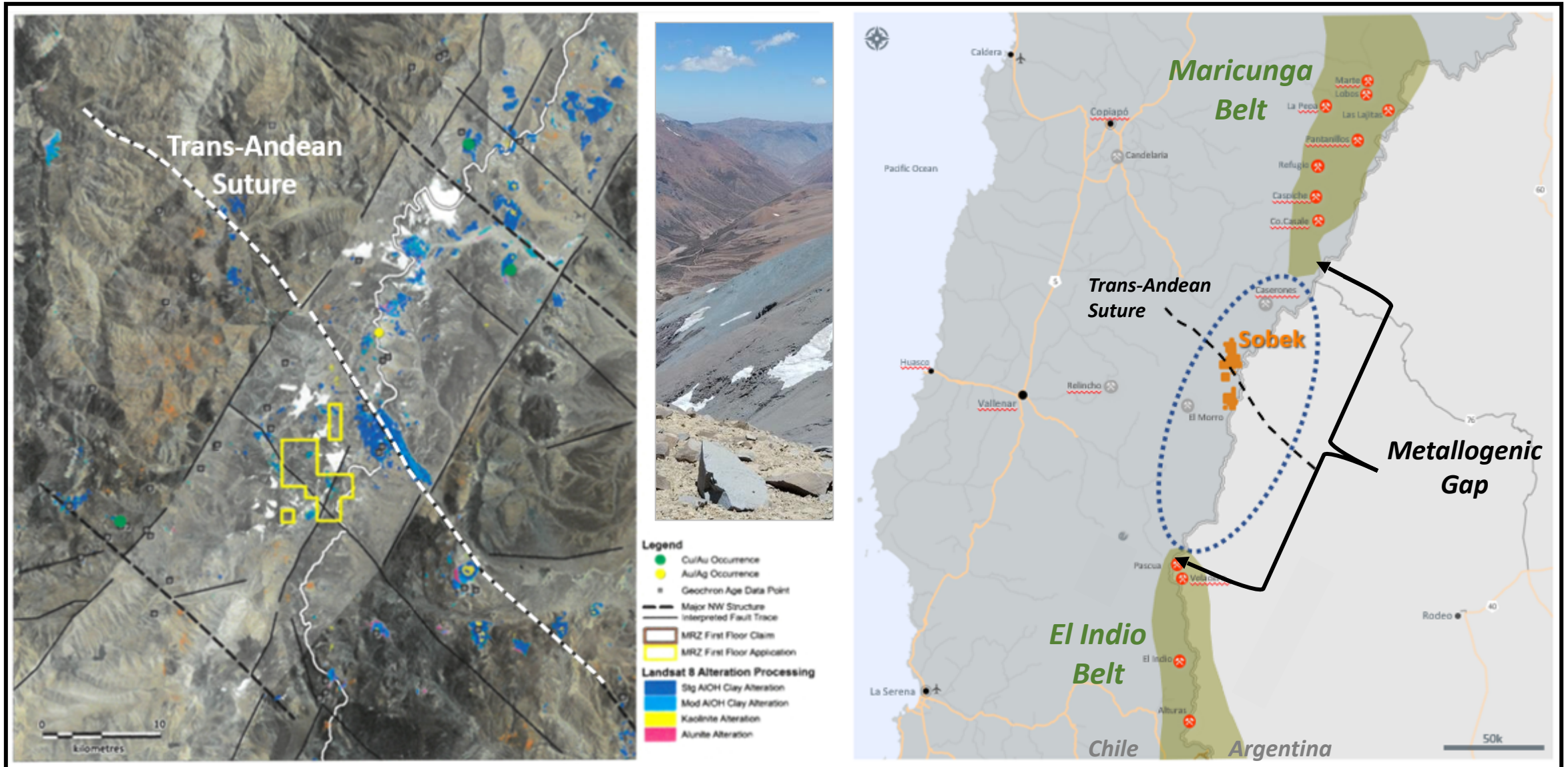
Flagship Self-Funded & Active Projects

Inca Gold - Vania

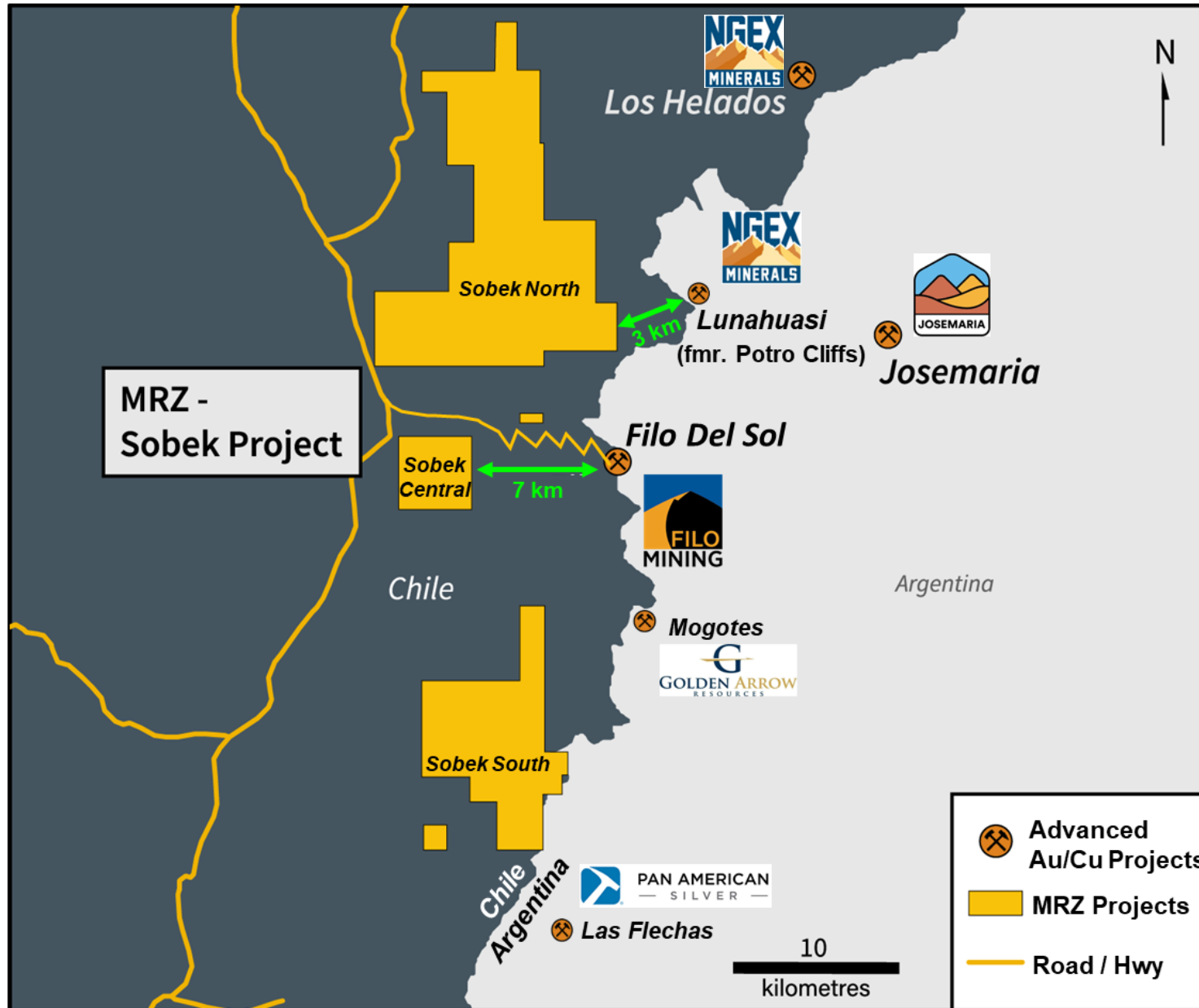
Sobek



Sobek – Targeting & Identifying Opportunities (2016)

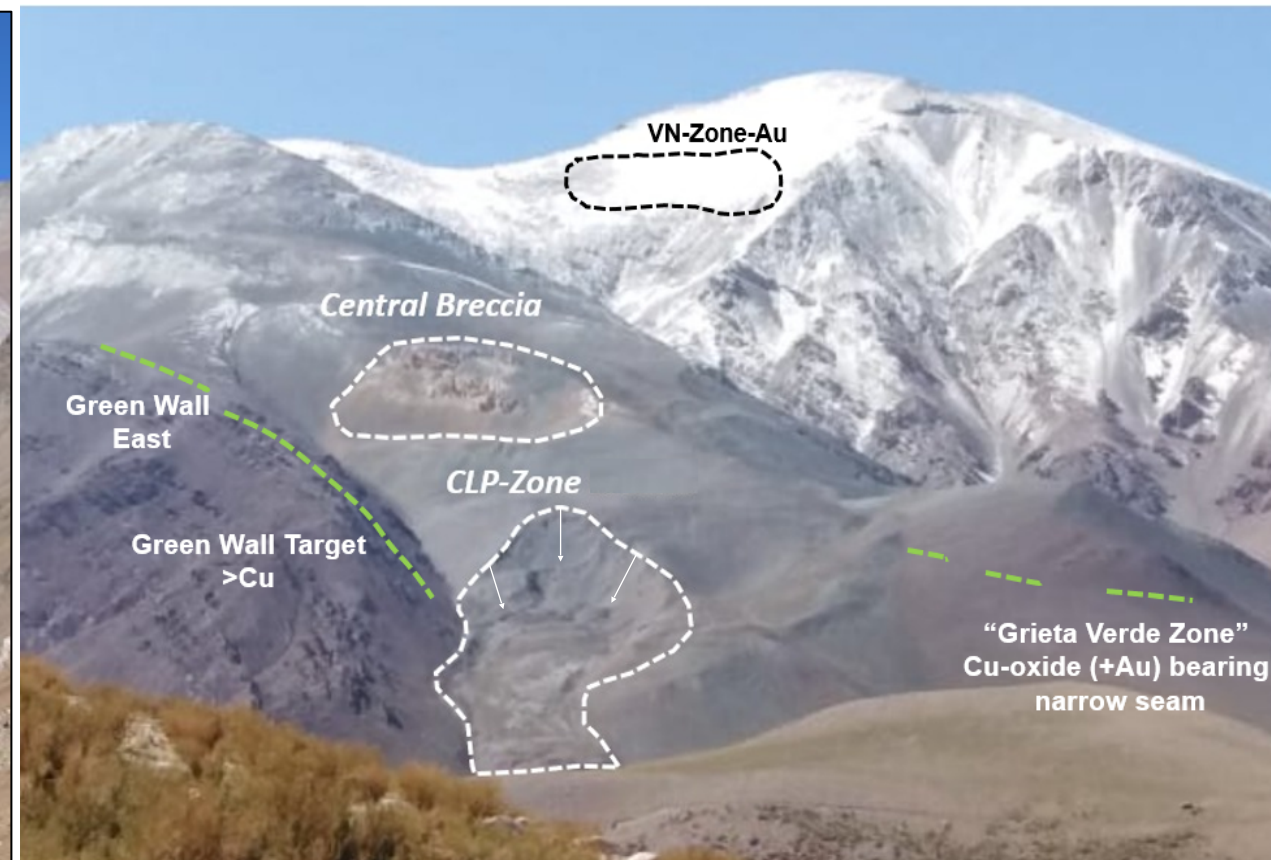
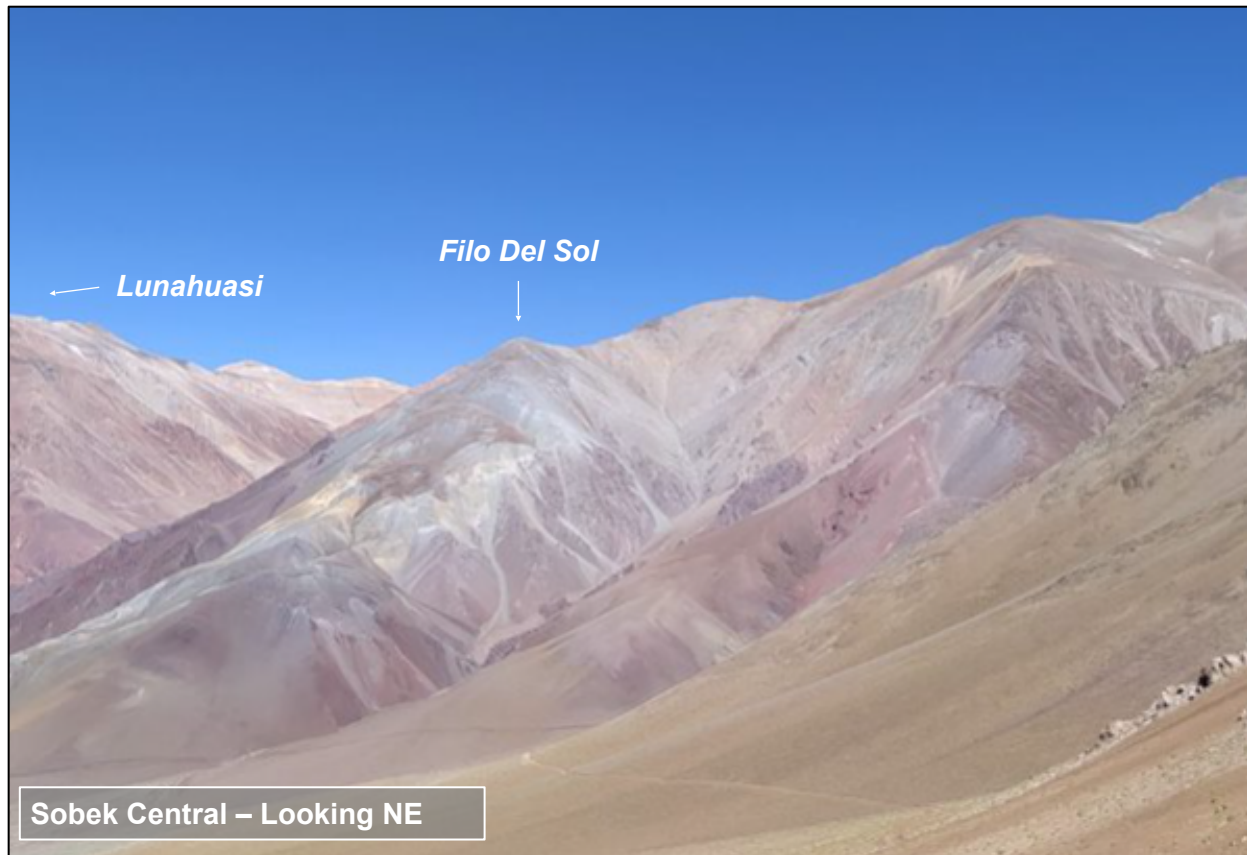


Vicuña District – New Giant Copper-Gold District



- Sobek - located in the globally recognized Vicuña copper-gold district
- Sobek North (“El Potro”) 3 km west of new Lunahuasi (fmr. Potro Cliffs) discovery by NGEx Minerals
- Sobek Central - 7 km west of Filo del Sol with Josemaria to the east and Los Helados to the north
- Mio-Pliocene age mineral belt, northern Chile
- 11,120 ha, 100% owned
- Porphyry Copper / HSE Gold/Silver Project
- Staked based on prospective local geology and attractive structural architecture
- From Copiapo: 3-hour drive along 114kms of paved highway, and 40kms of well-maintained gravel roads

Sobek Central – Priority Prospects

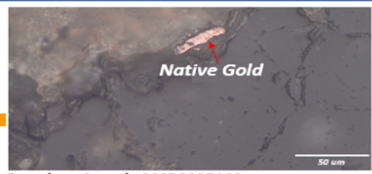


The initial reconnaissance campaigns confirmed the presence of interesting mineralization and alteration.

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Original Anomalous Gold in Select Rock Samples from the VN Zone

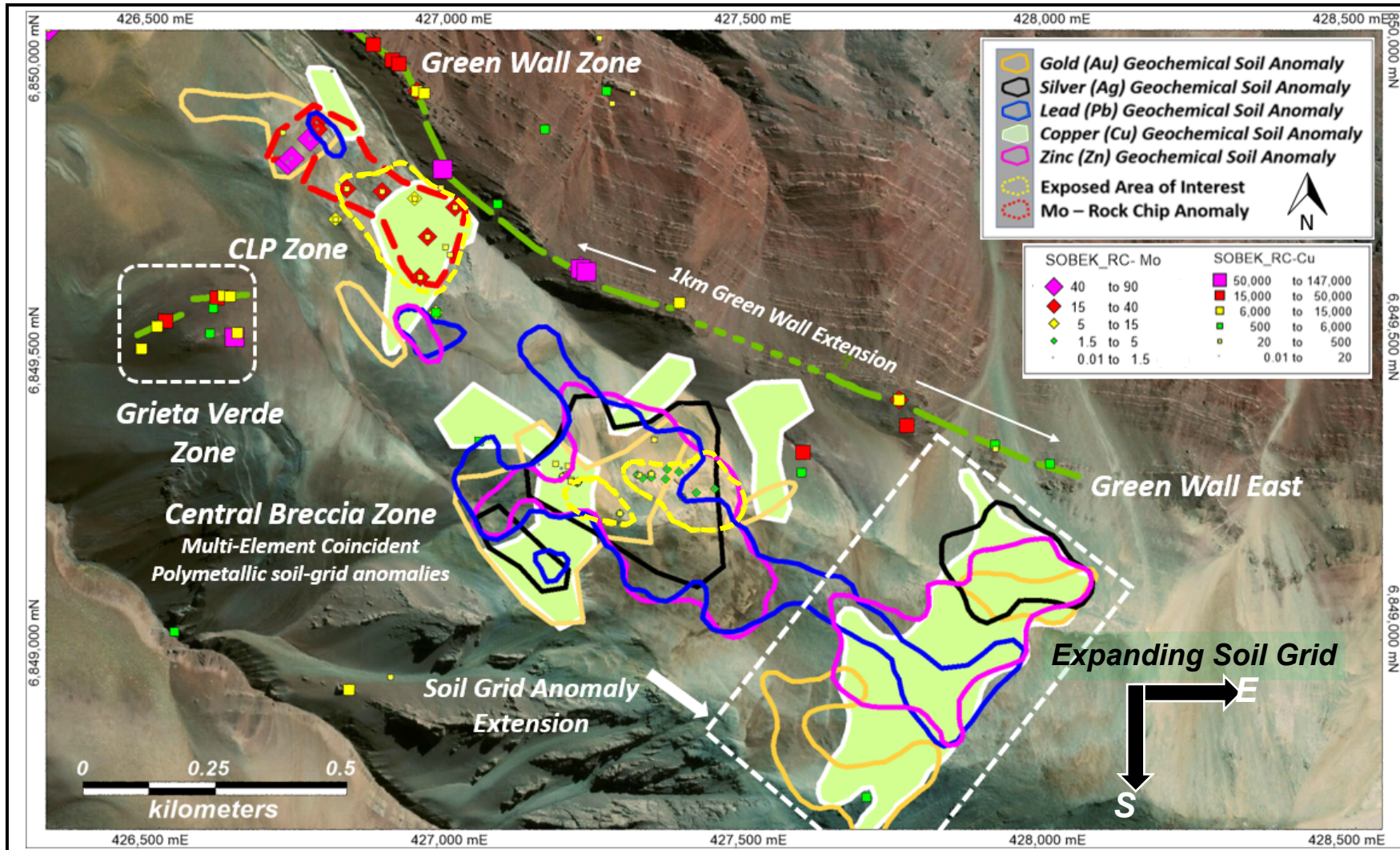
Sample	Au-ppm	Cu-ppm
MCR0024669	0.241	234.00
MCR0025102	1.610	767.00
MCR0025103	1.040	260.00
MCR0025104	0.123	100.00



Petrology Sample MCR0025103

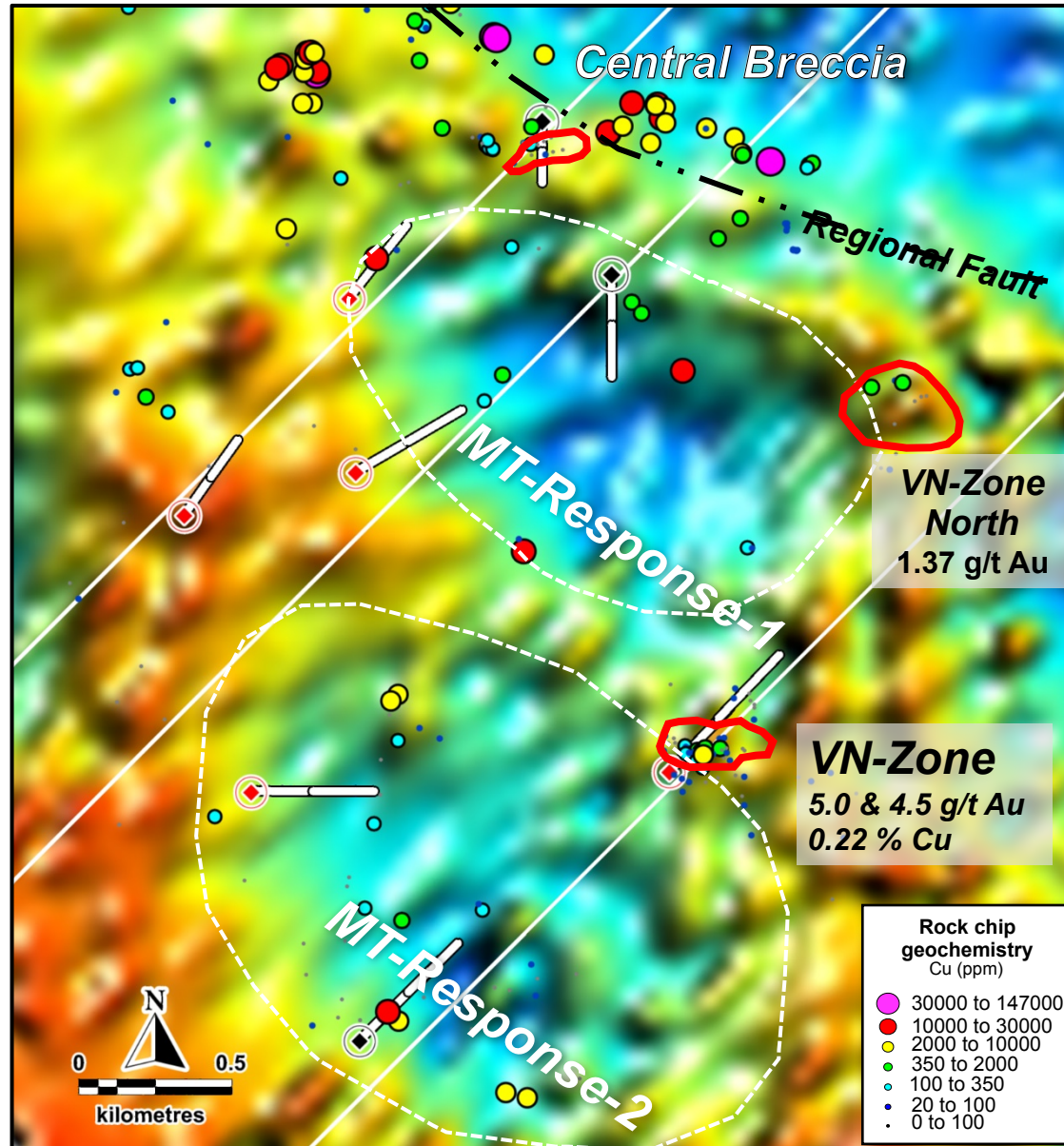
Recent Samples from the VN Zone up to **5.0 g/t Au** & **0.22% Cu**

Sobek Central – Geochemistry



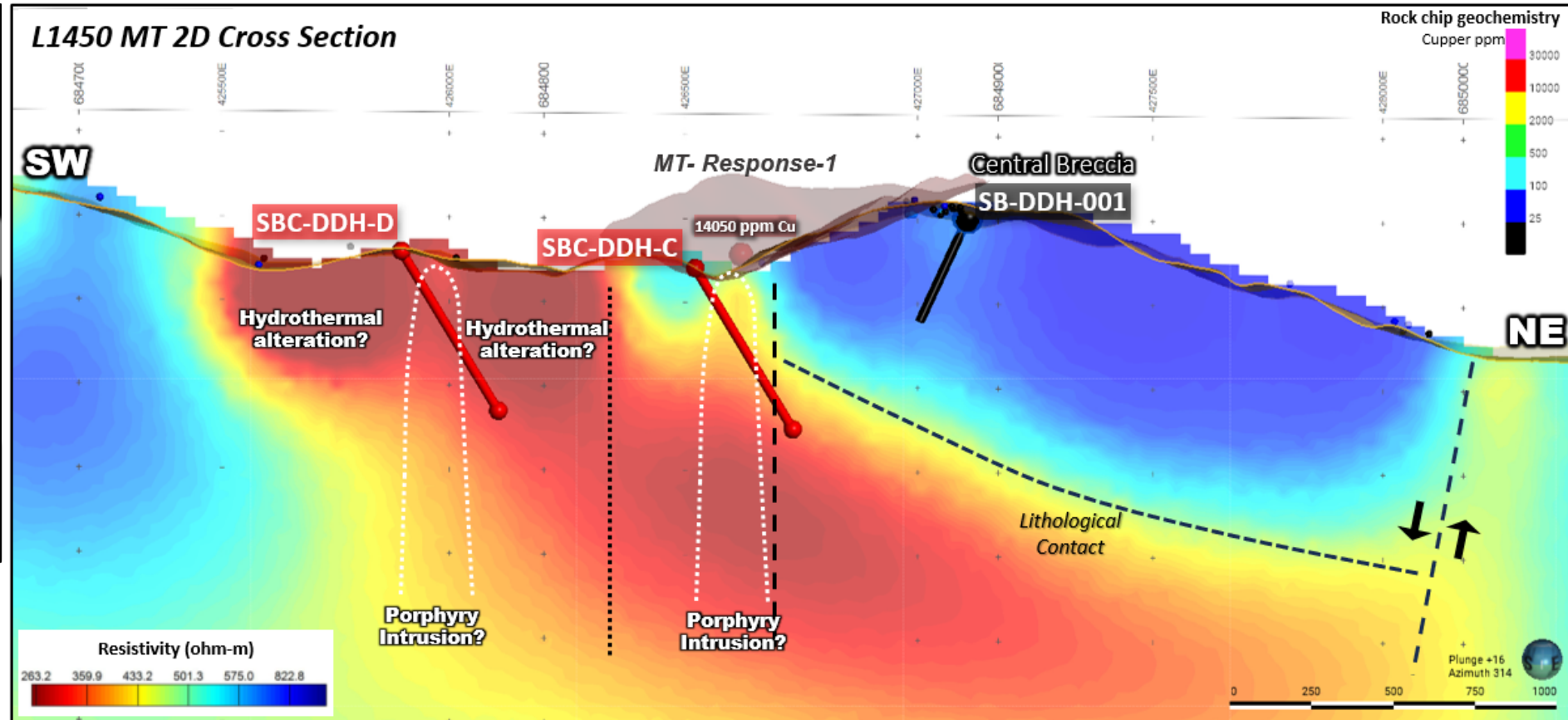
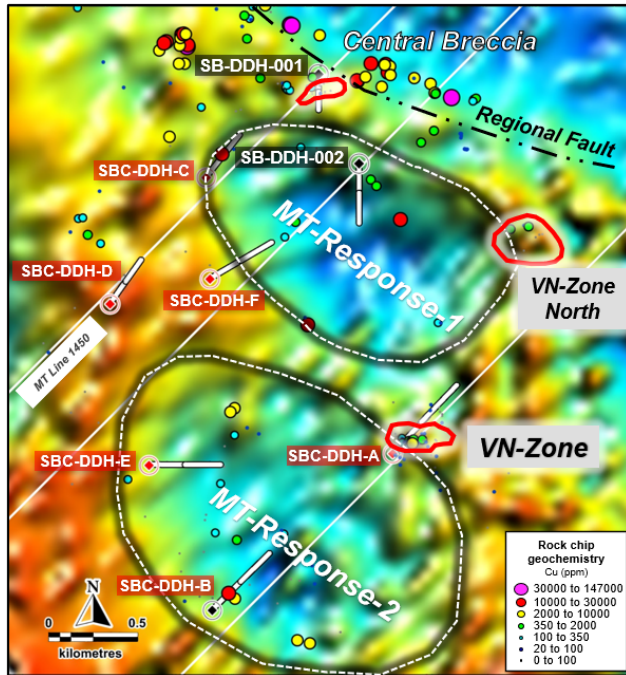
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Sobek Central – Airborne Mobile MT Survey Targets

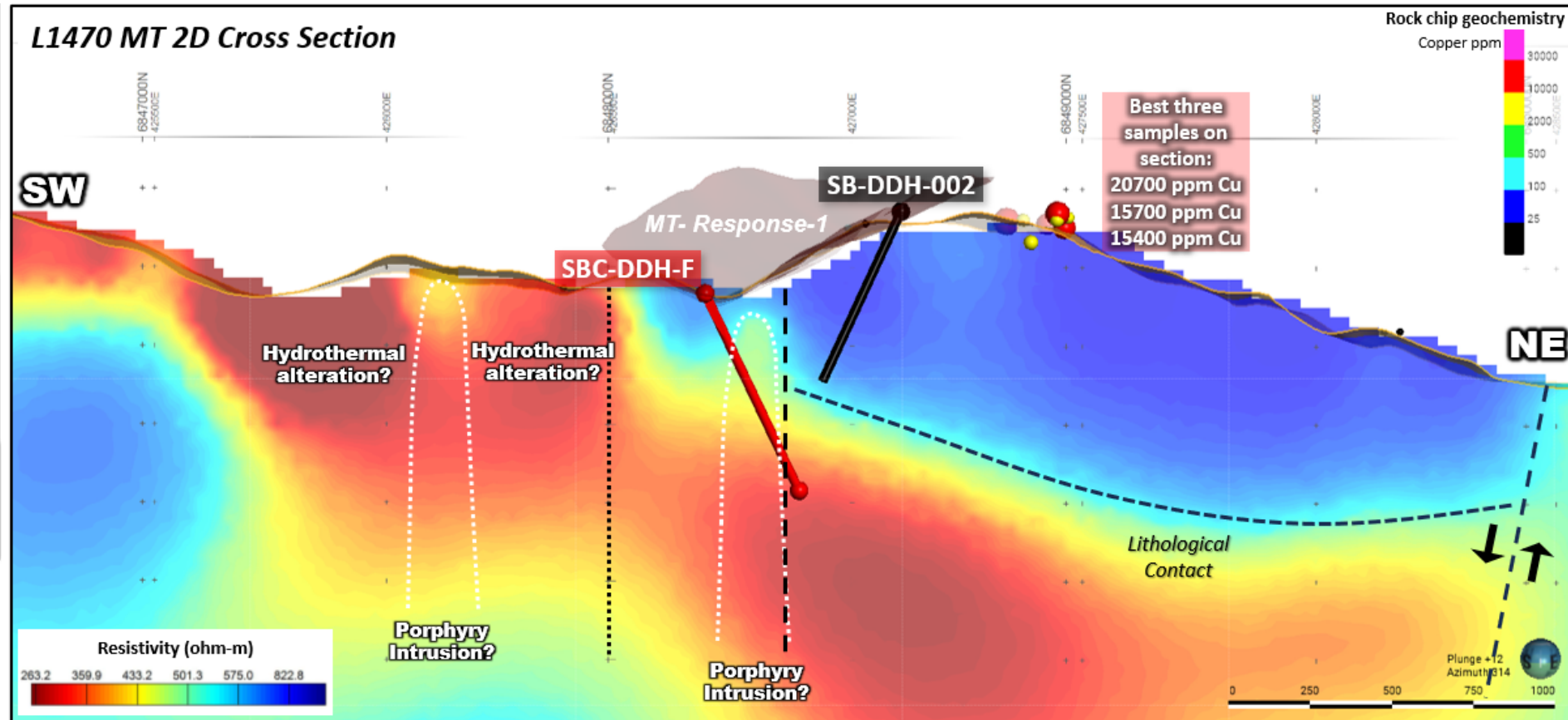
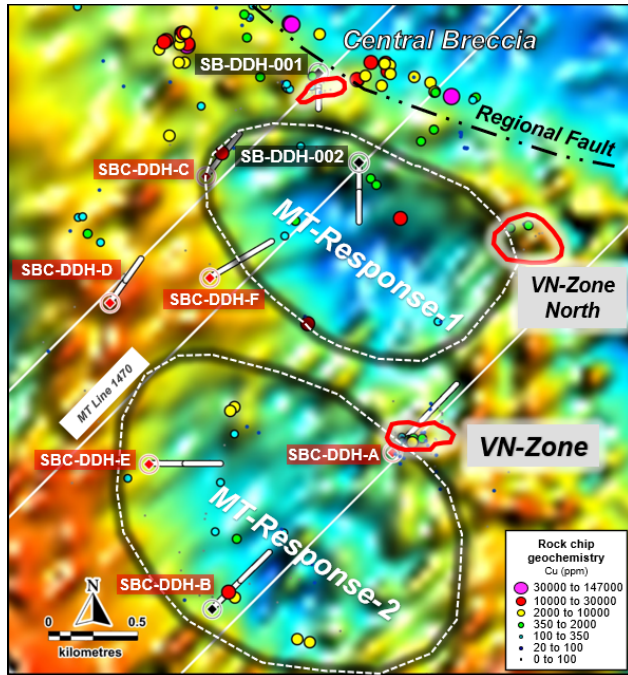


- 500 km helicopter supported Mobile MT geophysical survey completed
- Multiple oval shaped MT response targets to drill test
- Results from first part of drill campaign provides data to refine targeting
- **Drilling to resume Oct 2023**

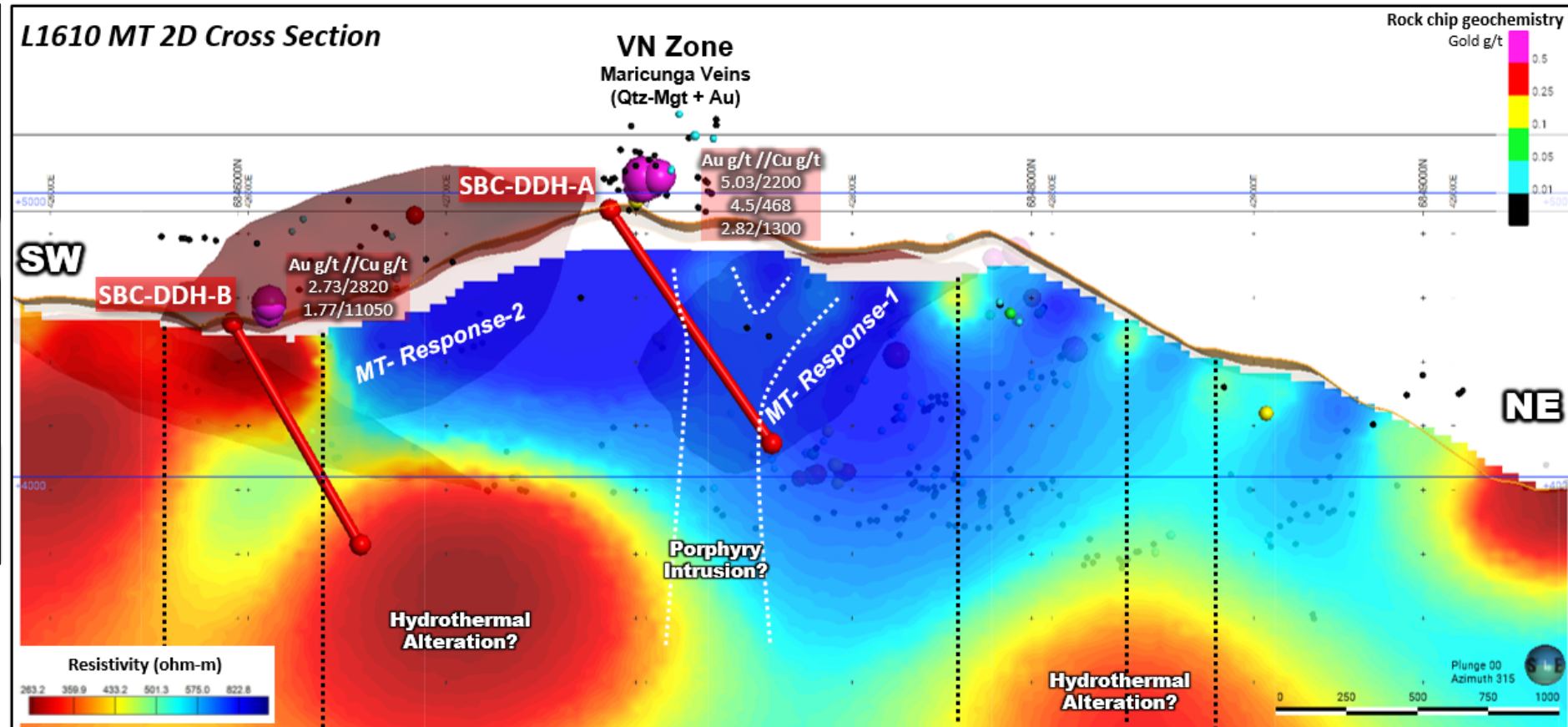
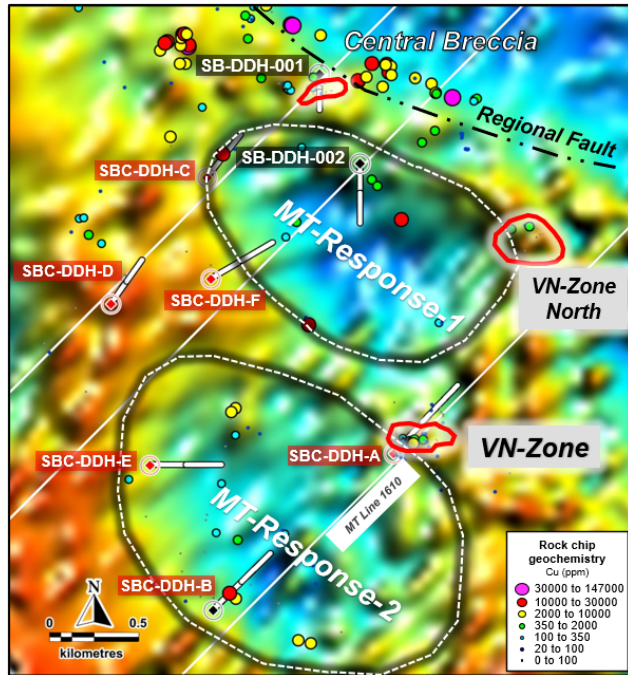
Sobek Central – Mobile MT Survey – Central Breccia



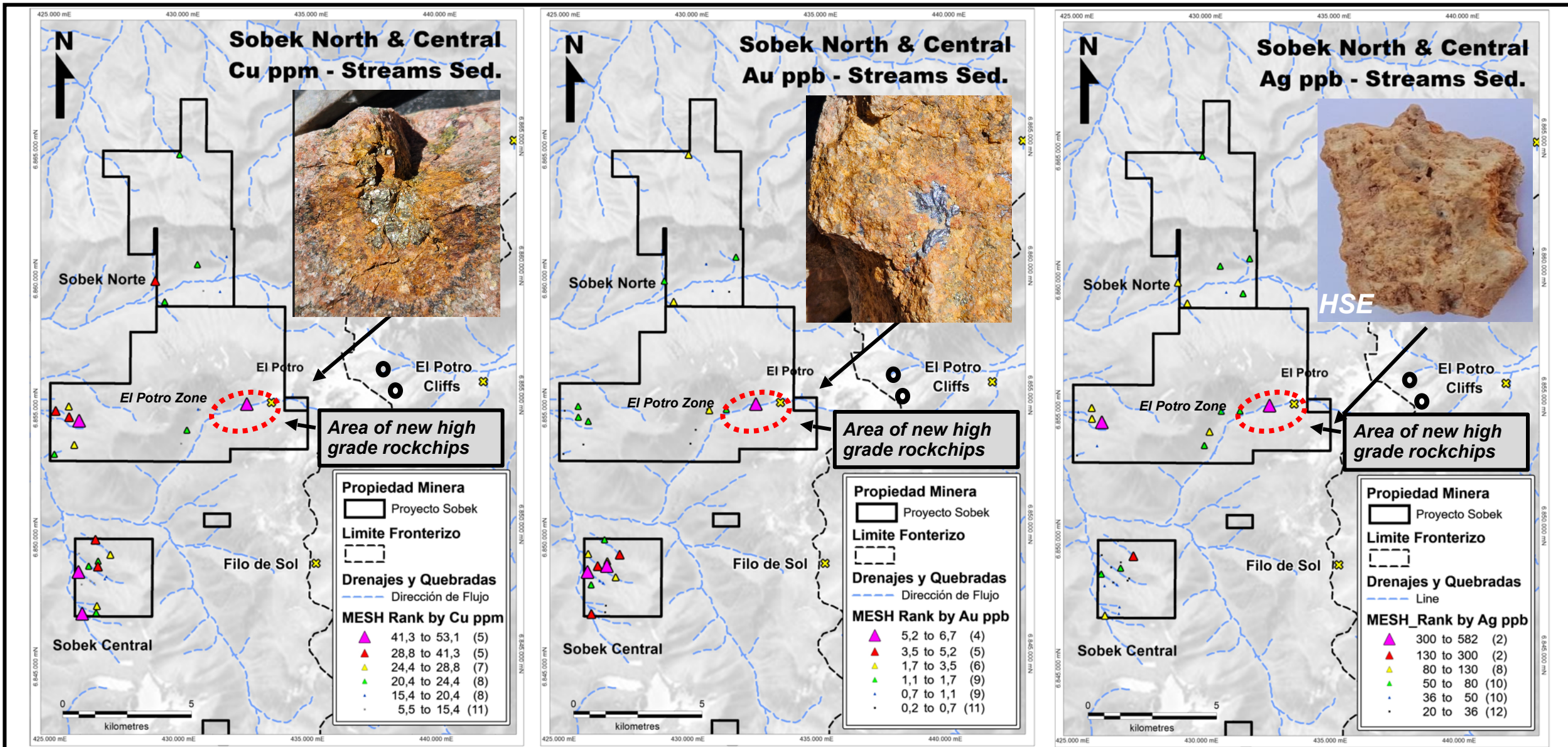
Sobek – Mobile MT Survey – MT Response 1 North



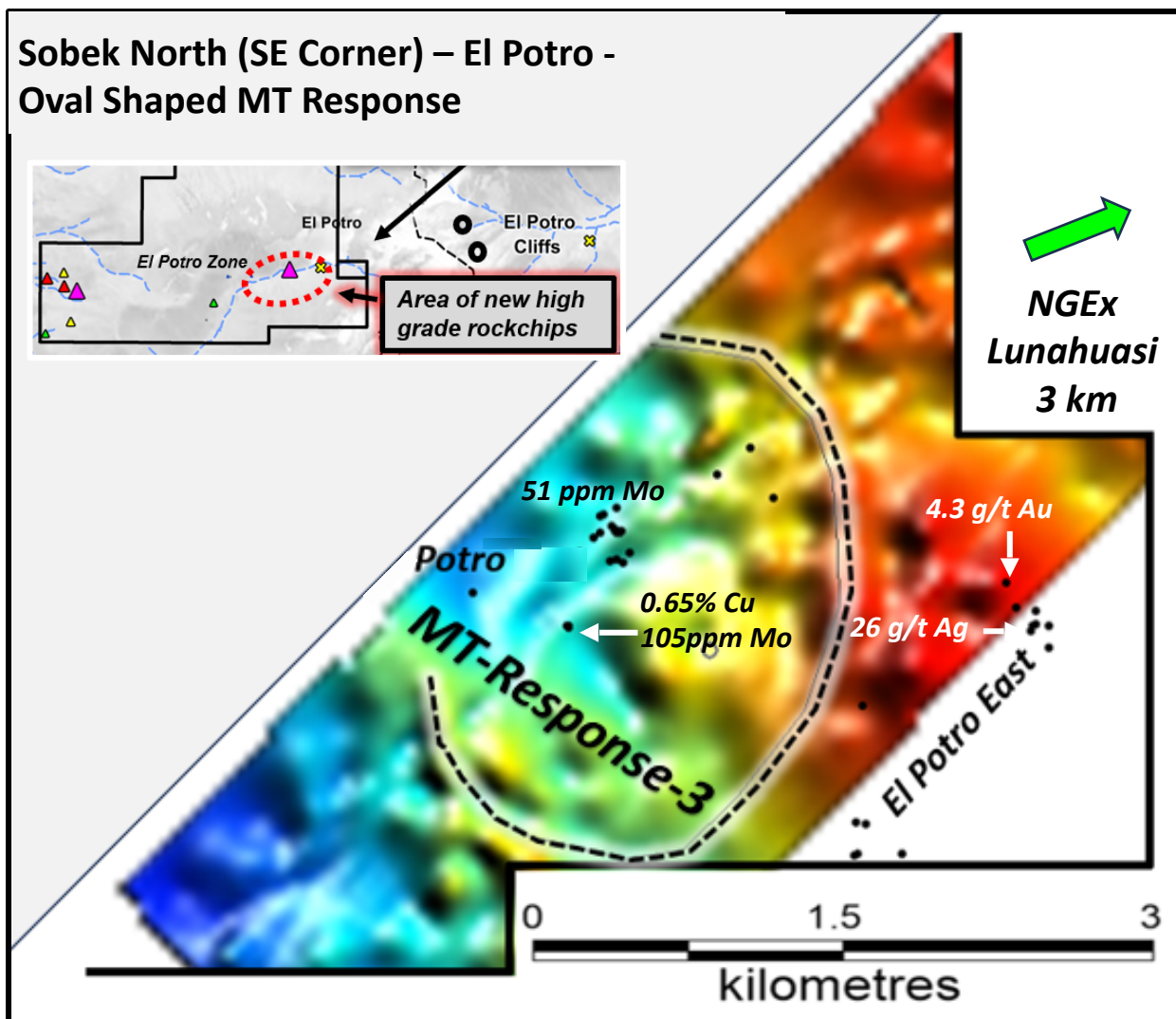
Sobek – Mobile MT Survey – VN Zone (MT Response 2)



Sobek North – El Potro - Vectoring into the SE corner



Sobek North – El Potro – MT Confirms Priority Target



Sobek North – “El Potro” Prospect

- 3km from NGEx discovery at Potro Cliffs
- Small 13 km² Mobile MT Survey flown
- Large oval MT Anomaly potential mineralized intrusive center
- Select rock chip samples up to 0.65% Cu and 51ppm Mo (porphyry) and 4.3g/t Au and 25.9g/t Ag (HSE)

→ **Priority drill target for Q1/24**

Sobek - 2023/24 Maiden Drill Campaign Continues

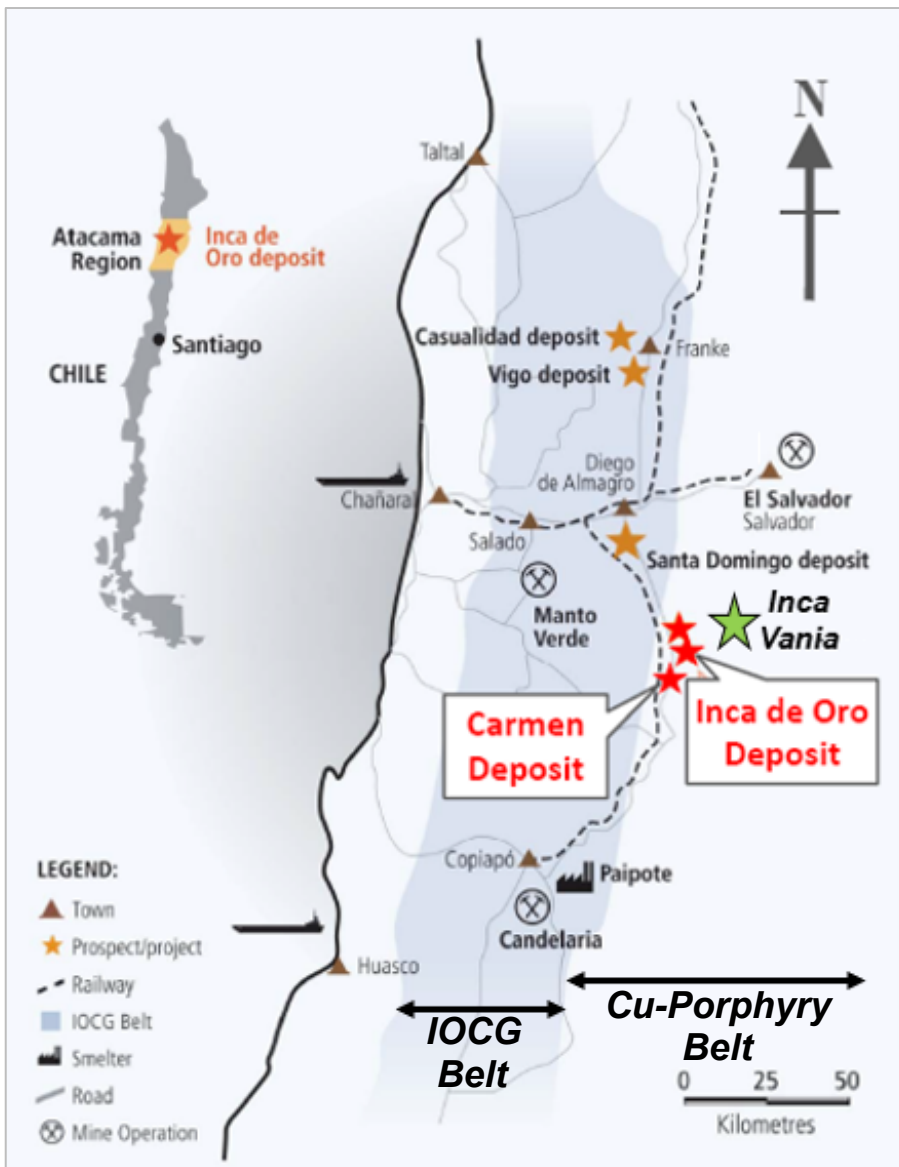


Project logistics/exploration continues at a fast pace:

- ✓ Relationship with local communities continues to strengthen.
- ✓ Trailer camp operational, low altitude, 2100m ASL, 40 minutes to center of project
- Complete access road to highest elevation of Sobek Central to reach the VN-Zone
- Rehabilitate road into Sobek North to access El Potro prospect
- Resume maiden drill campaign at Sobek Central
- Initiate drill program at Sobek North Q1/24

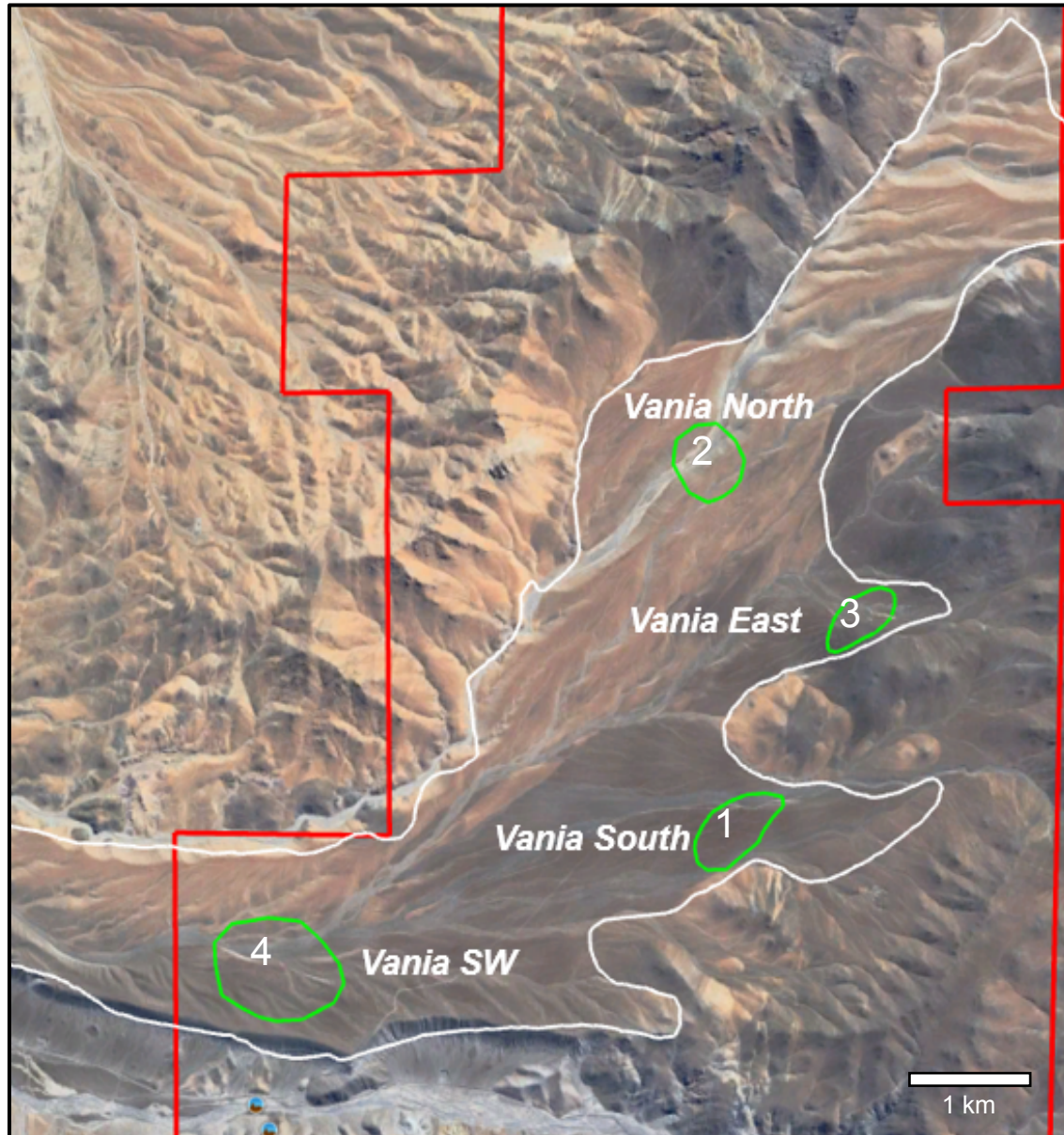
→ Drilling to Resume Oct 2023

Inca – Vania Prospect - Copper-Gold - Chile



20 km's from Inca Del Oro to the Vania South prospect.

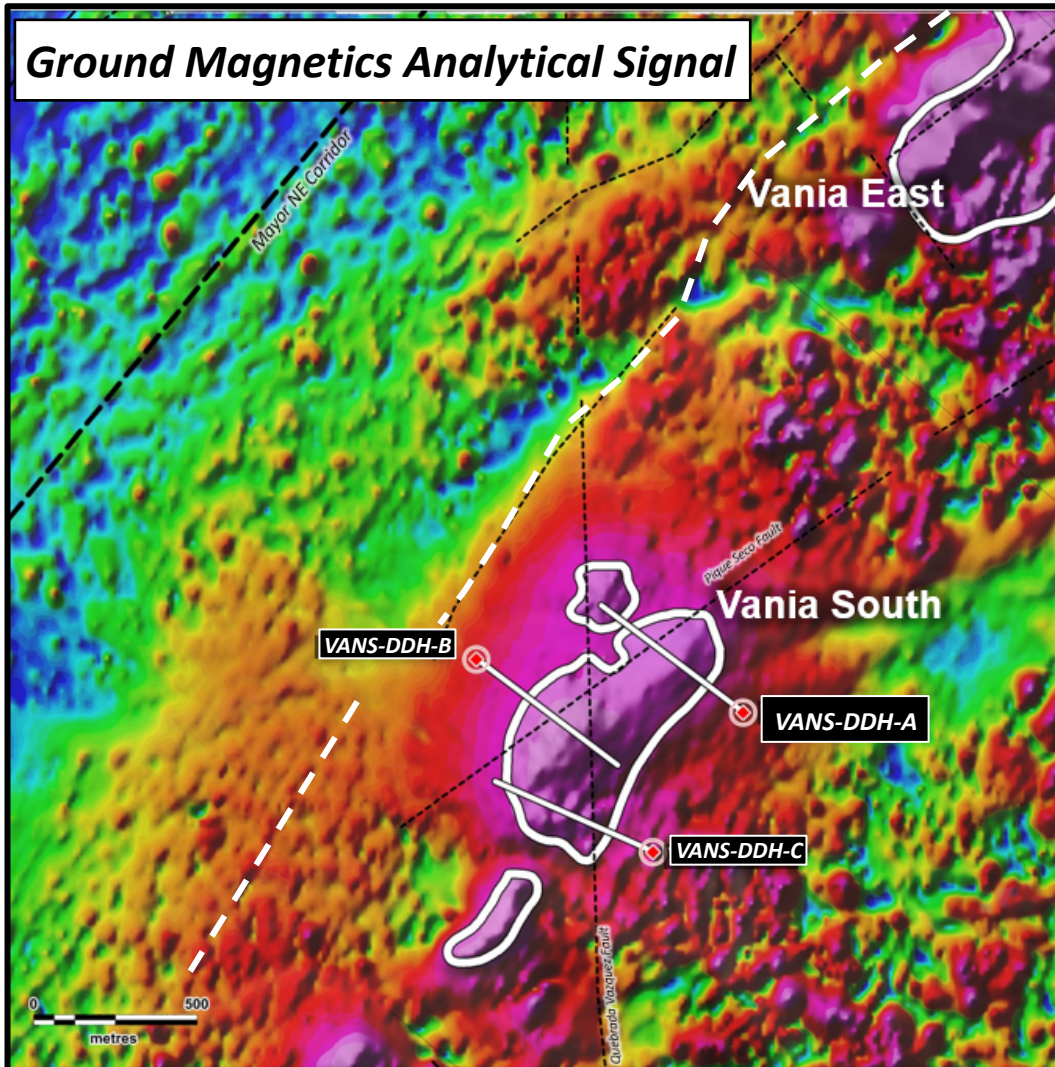
Vania – Drill Testing Concealed Targets



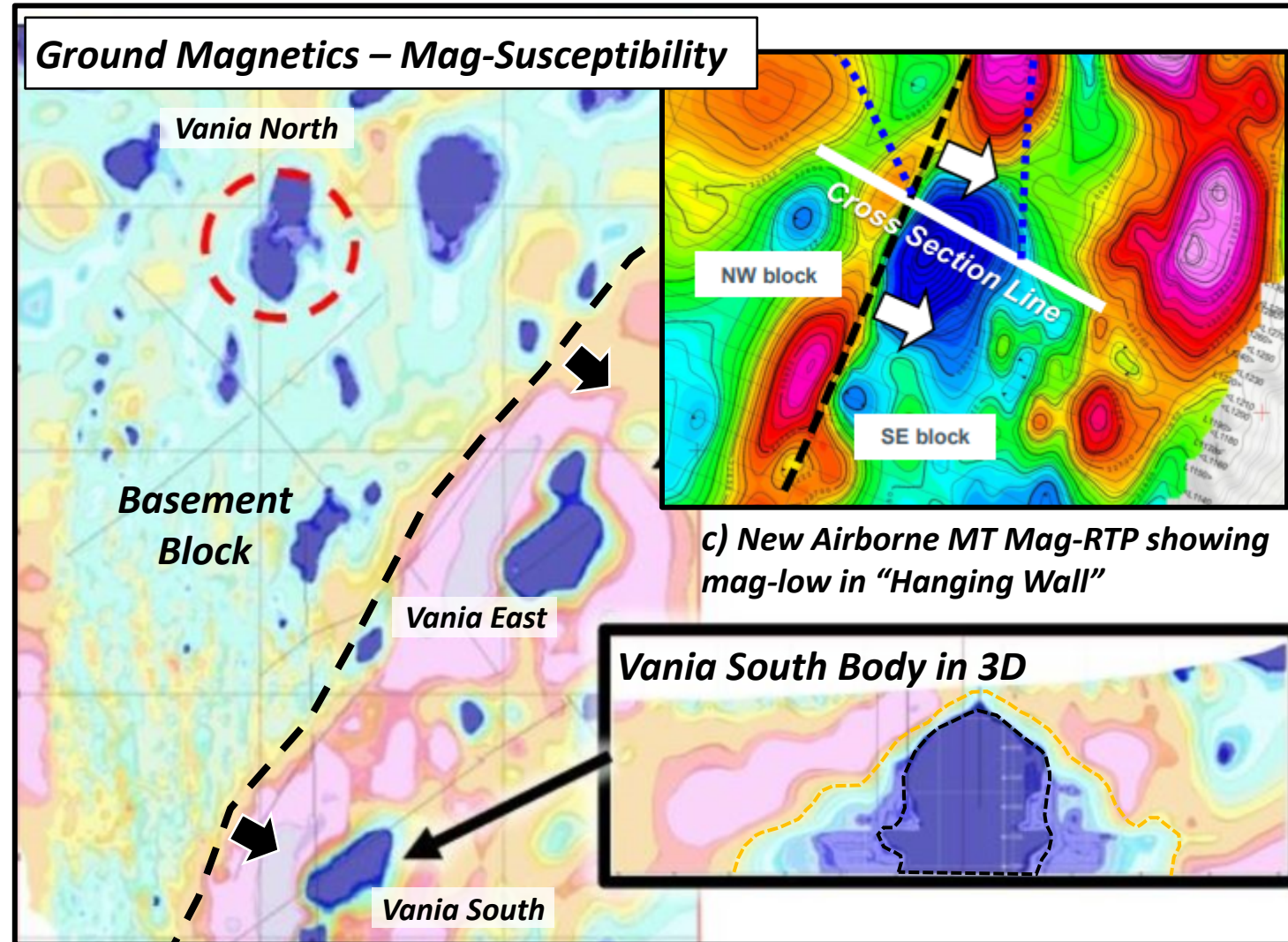
- Earn-in option agreement with Newmont
- Large 16,300 ha property
- Porphyry Copper/IOCG/HSE Gold potential
- Lower elevation (2,000-3,000m ASL) Year-round access



Vania South - Mag Outlines Copper Porphyry Target



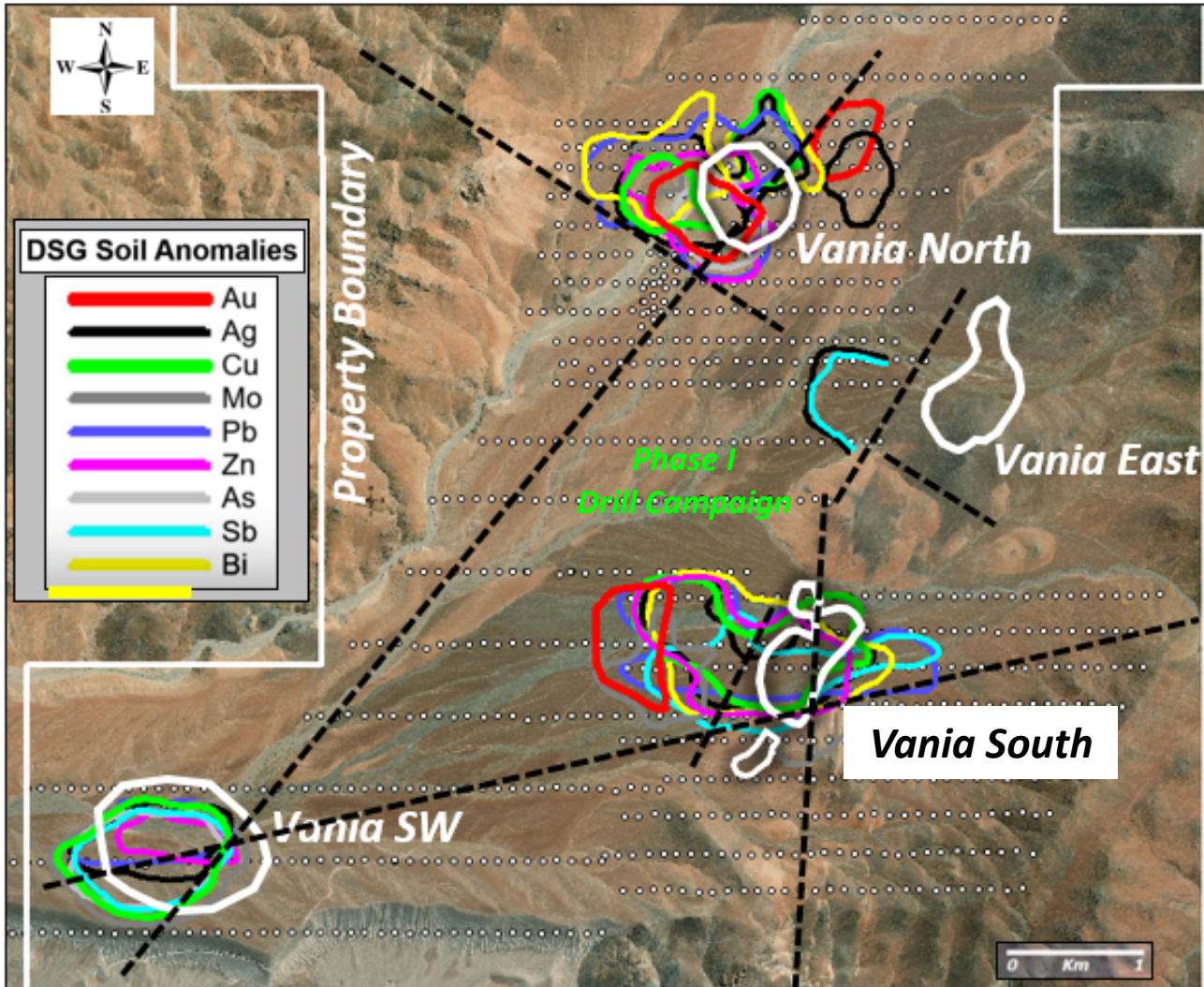
a) Ground Mag Analytical Signal shows mag high with possible drill hole locations, with "VANS-DDH-A" as the maiden hole.



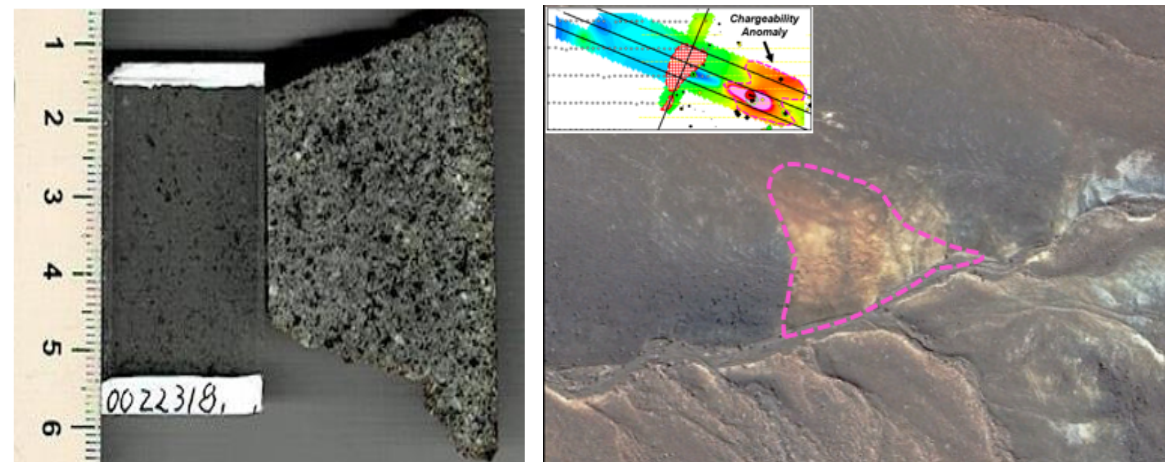
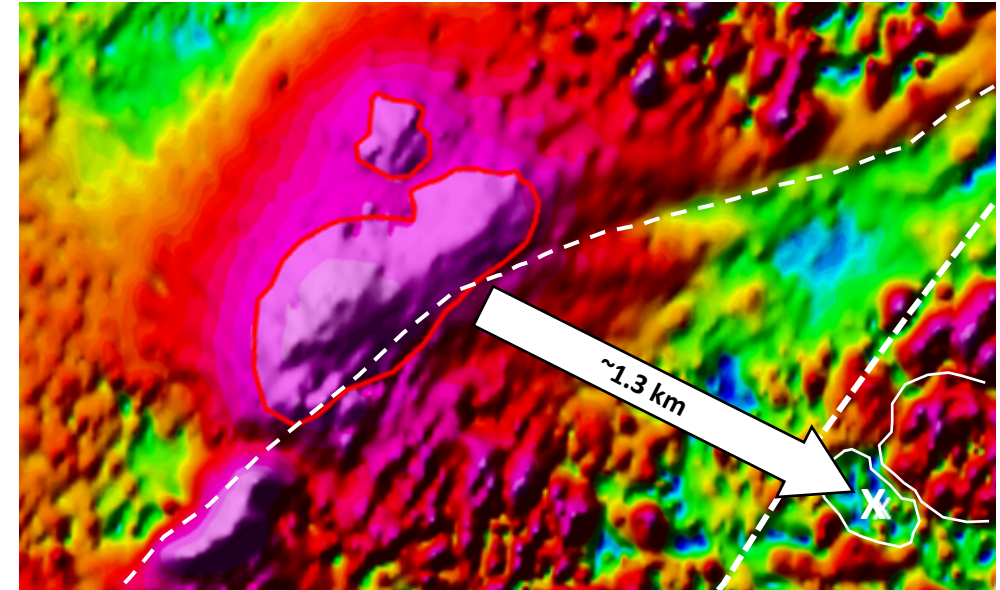
b) Mag-susceptibility processing showing mag-low targets and 3D Model. Susceptibility from 2100m meter depth slice, extracted from a 3D Magnetic model.

c) New Airborne MT Mag-RTP showing mag-low in "Hanging Wall"

Vania South – Geochem and Petrology Strengthen Target

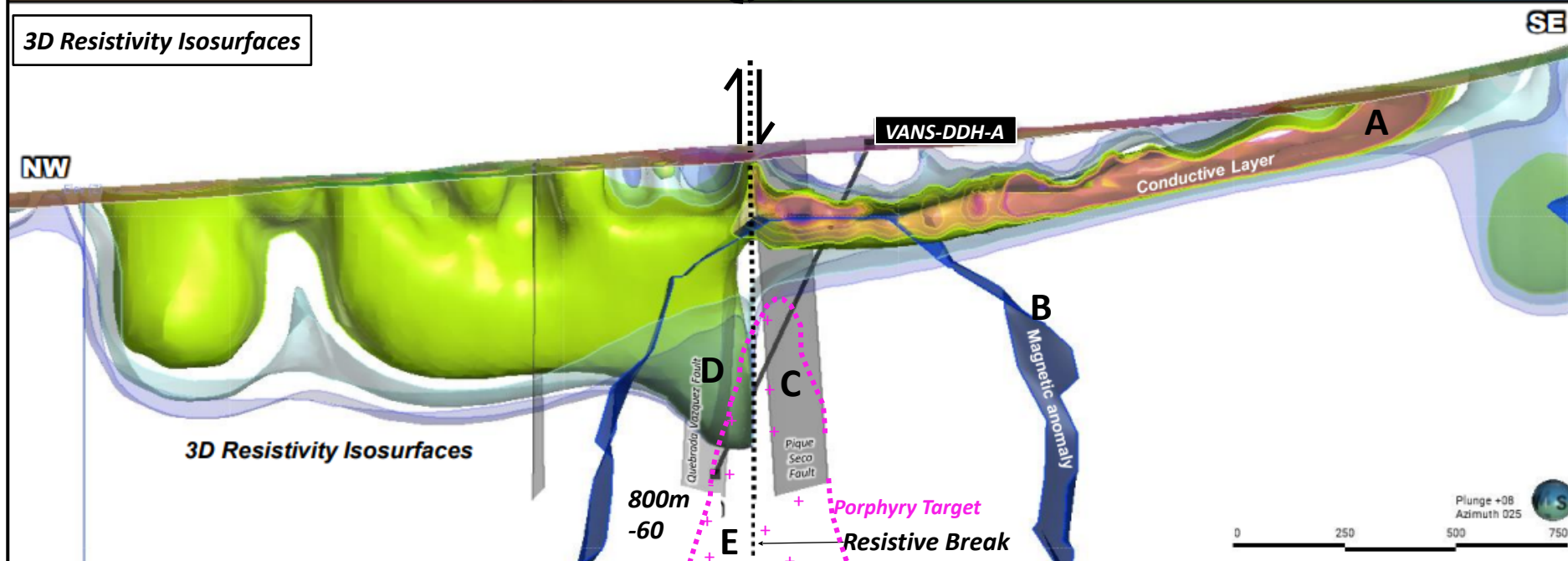
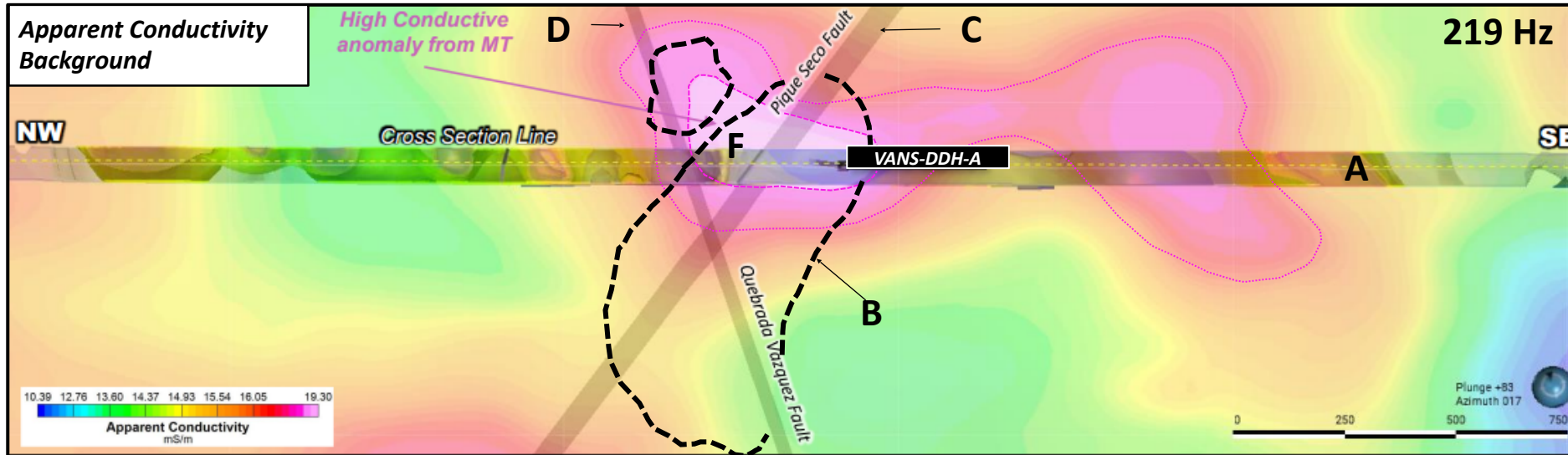


DSG Soil Lines & Geochemical anomaly contours clusters



Location of concealed Vania South target and the outcropping Quartz Diorite porphyry.

Vania South - Drilling Geophysical Targets and Structures



Drilling Multiple Targets:

- A - Conductive layer, possible lithocap
- B - High Magnetic Body
- C - Pique Seco Fault
- D - Quebrada Vasquez Fault
- E - IP Resistivity Break
- F - MT Conductivity Anomaly

Inca - 2022/23 Exploration & Drill Campaign



Exploration completed to date:

- ✓ *IP geophysical surveys complete. (S-N)*
- ✓ *Expanded Soil (DSG) coverage and rock chip sampling complete*
- ✓ *Positive Petrology from local intrusives*
- ✓ *New IP on Vania East Complete*
- ✓ *Mobile-MT survey recently completed*

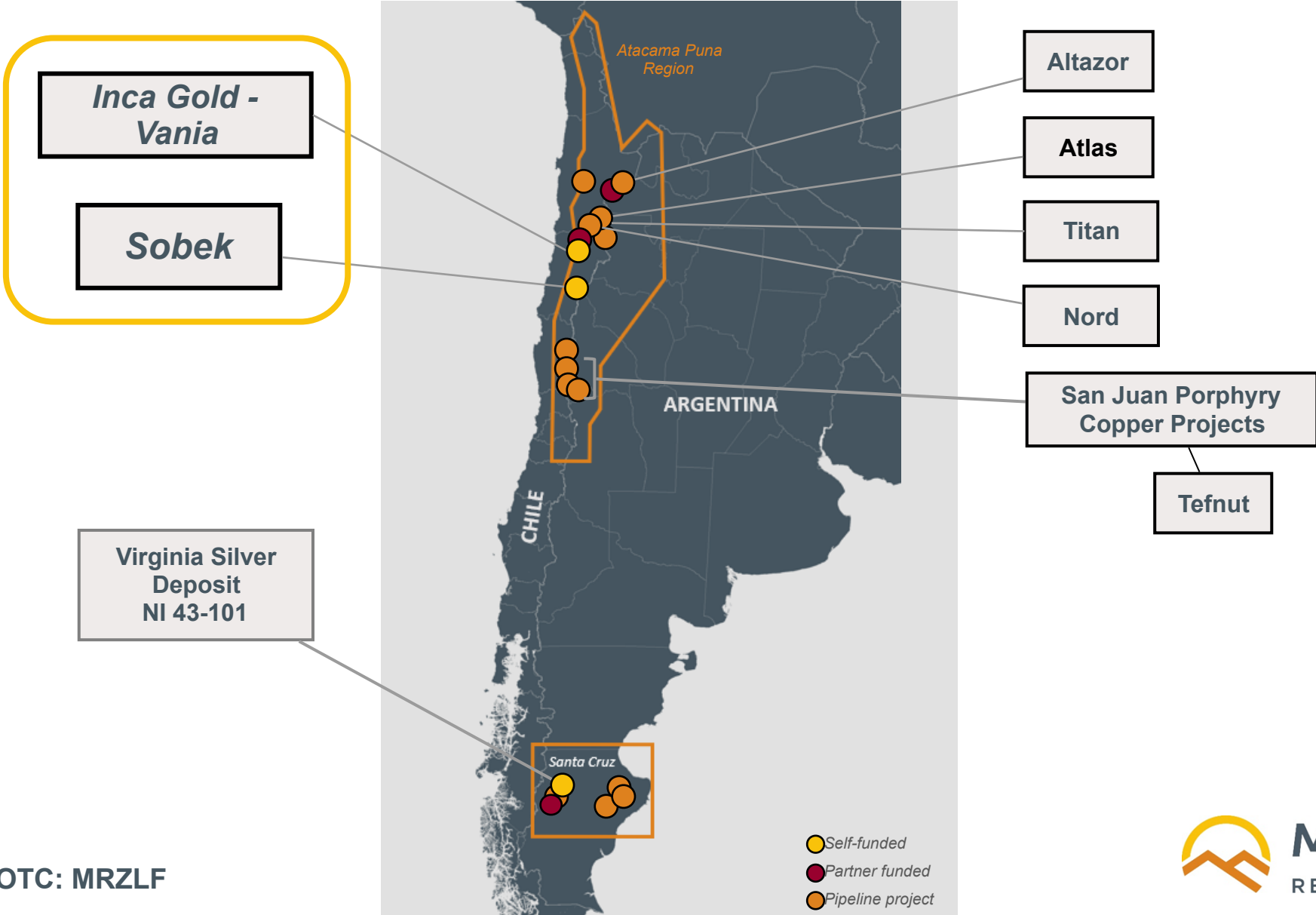
→ **Drilling underway Sept 2023**

Upcoming Catalysts

- Mobile MT survey confirms Vania targets at Inca
- **Results from drilling at Inca**
- Sobek maiden drill program cut short
- **Drilling resumes at Sobek Oct 2023**
- Incorporating new drill results into the existing 2016 Resource at Virginia
- **Updated Resource for Virginia Deposit**

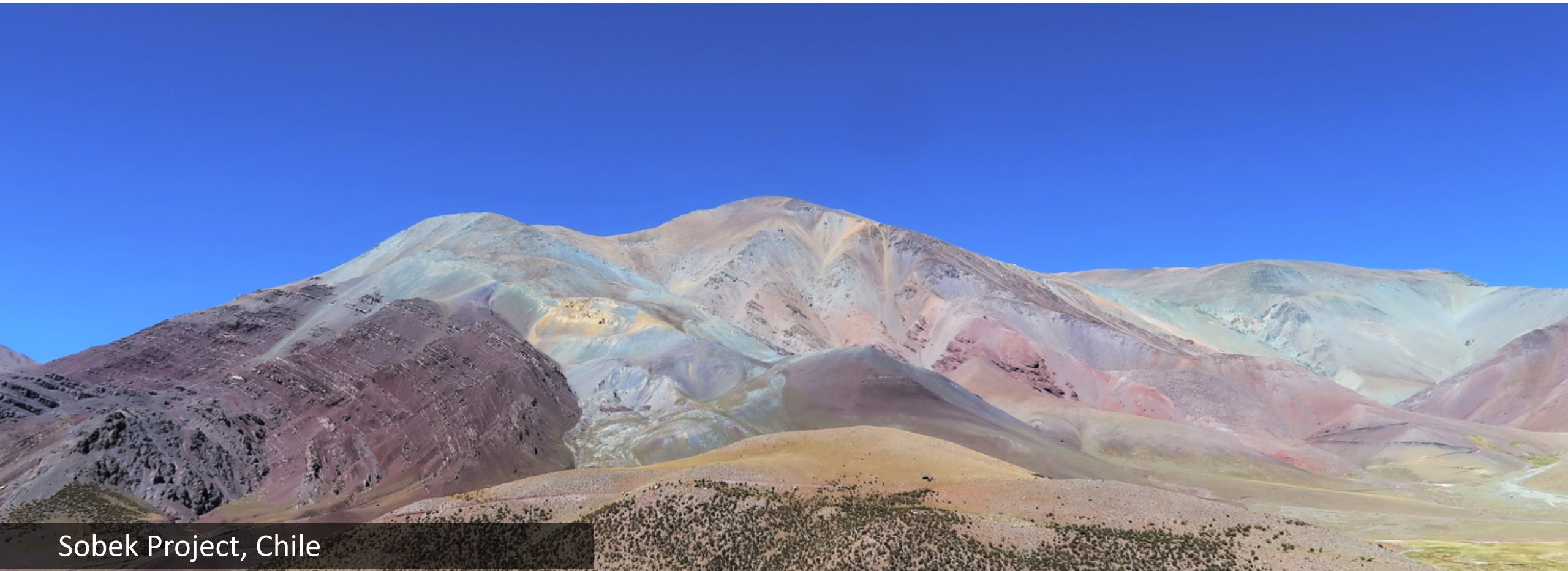


Pipeline of Quality Projects



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Questions



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