



Sobek Project, Chile



MIRASOL

RESOURCES LTD

FOCUSED ON DISCOVERY

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

**Beaver Creek
Precious Metals Summit**
Sept 10-13, 2024

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

- Strategic land position in the high-profile Vicuna District

- Extensive exploration underway: detailed geological and structural mapping and geochemical sampling

- Drill campaign planned at flagship Sobek Project

Share Structure and Treasury

Funds on Hand

Cash	~C\$1.8 Million
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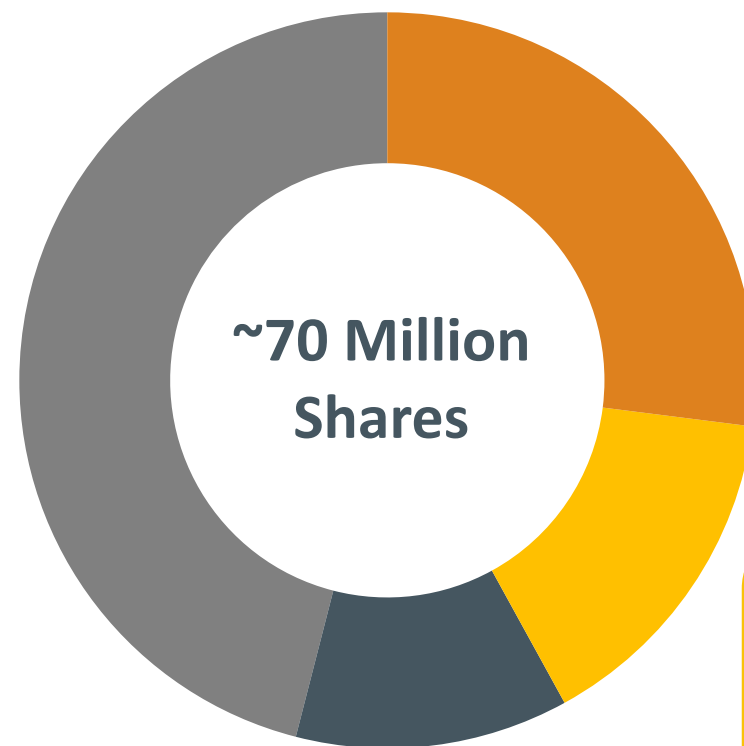
Estimated cash position (end of quarter Mar 31/24 - Adj. for est. expenses & proceeds of financing April 23/24)

Conservative Share Structure

Shares Outstanding	69.8M
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Shares Fully Diluted	71.7M
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Market Capitalization	~C\$34.9M
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Directors & Management
27%

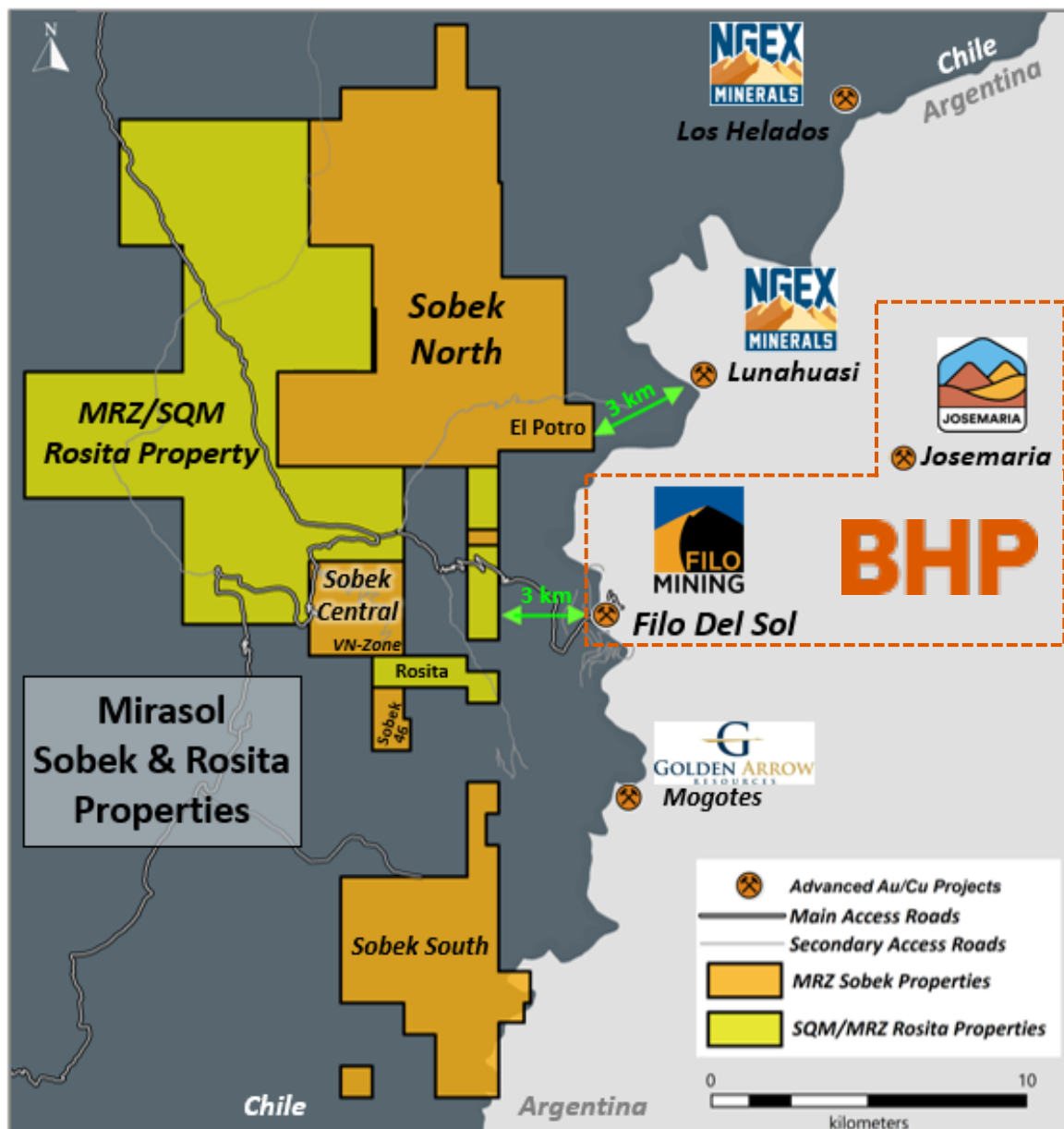


Jupiter Asset Mngt
Equinox Partners
Konwave AG
Institutional
15%

High Net Worth
12%

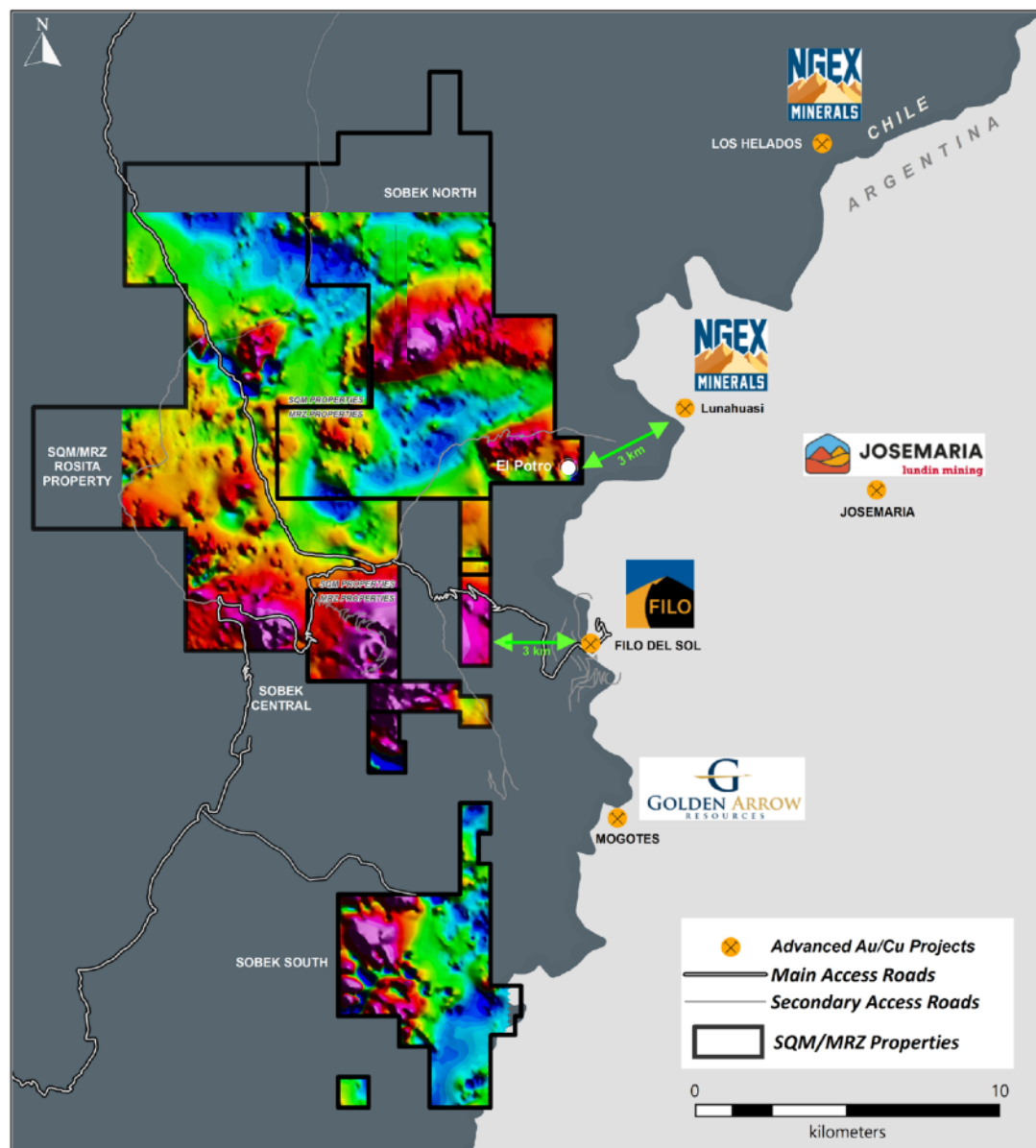


Sobek - Strategically Positioned in the Vicuña District



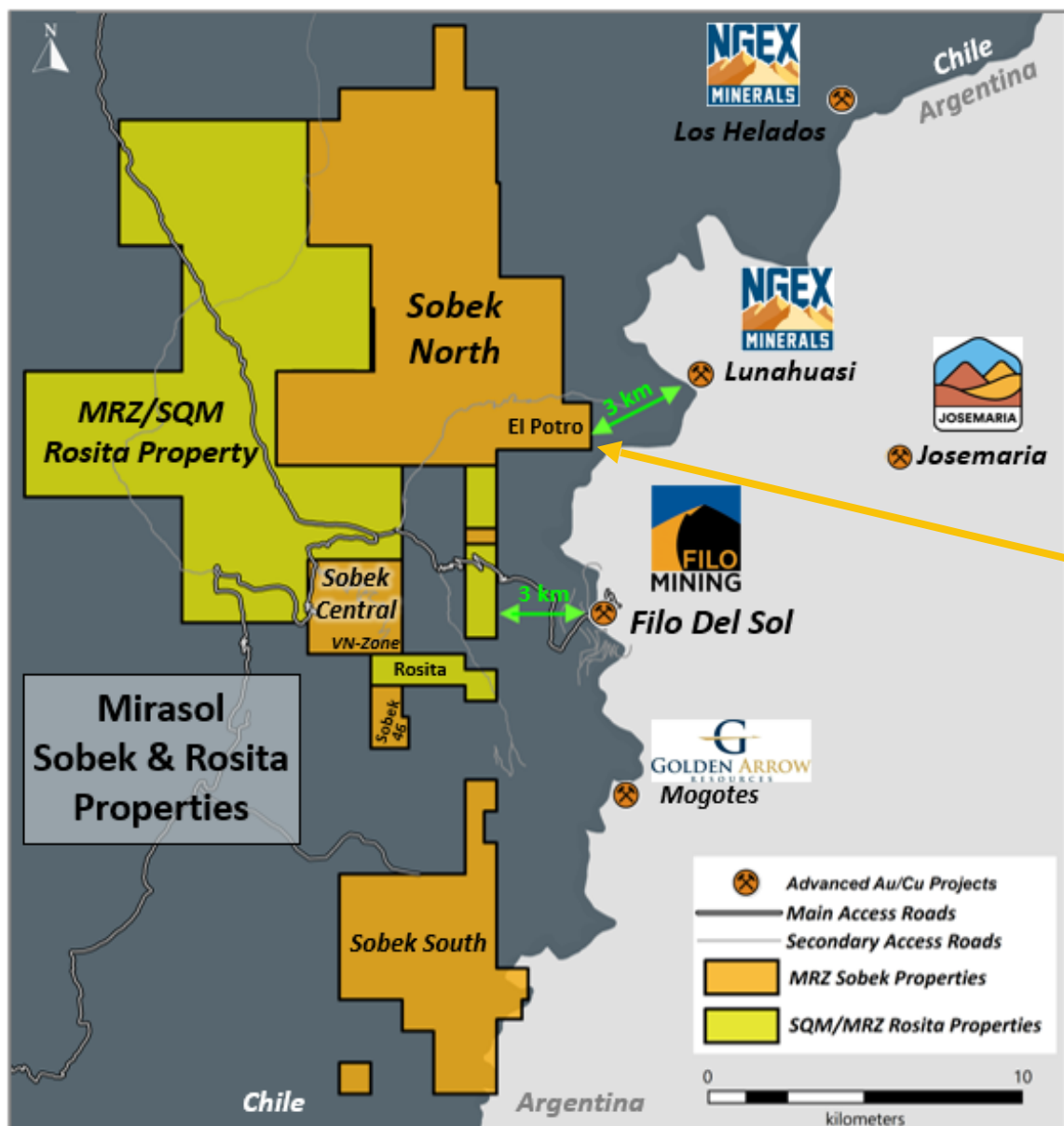
- Sobek & Rosita - located in the globally recognized Vicuña copper-gold district
- Mio-Pliocene age mineral belt, northern Chile
- 3 km west of Filo del Sol with Josemaria to the east and Los Helados to the north
- 3 km west of new Lunahuasi discovery by NGEx Minerals
- 11,140 ha, 100% owned Sobek Property
- 11,500 ha, 80% earn-in Rosita Property with SQM
- Porphyry Copper / HSE Gold Project
- Staked based on prospective local geology and structural architecture
- 3-hour drive from Copiapo along 114kms of paved highway, and 40kms of well-maintained gravel roads

Sobek & SQM Rosita – Advancing Towards Discovery

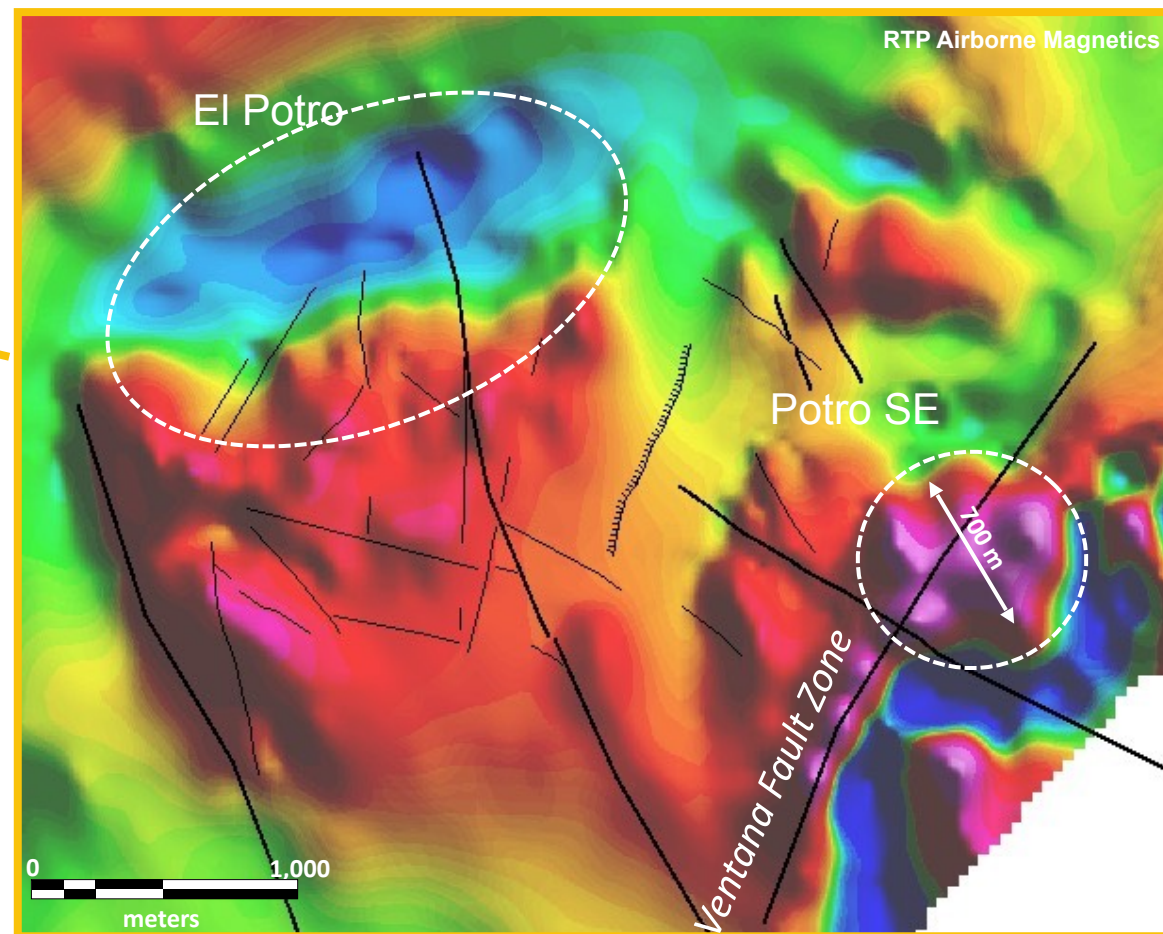


- Initial 2,700km regional Heli-Air Mag survey of the district
- Property wide reconnaissance level prospecting
- Property wide stream sediment geochemical sampling
- +500km Airborne Heli-MT survey
- Detail grid-based geochemical soil sampling at El Potro & VN Zone
- Ground based Electrical IP/Gradient Array Geophysics (Resistivity/Chargeability)
- **Multiple Drill Targets Identified**

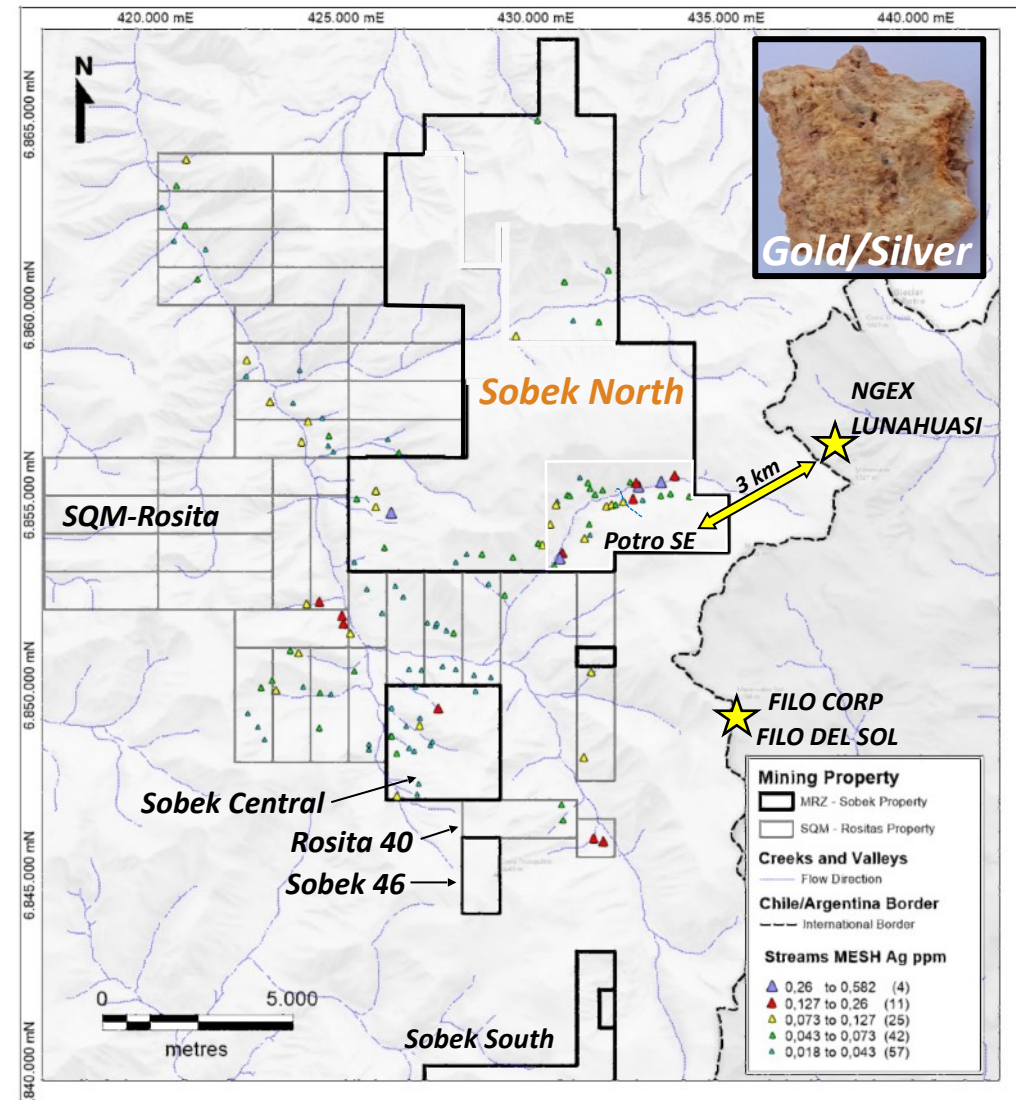
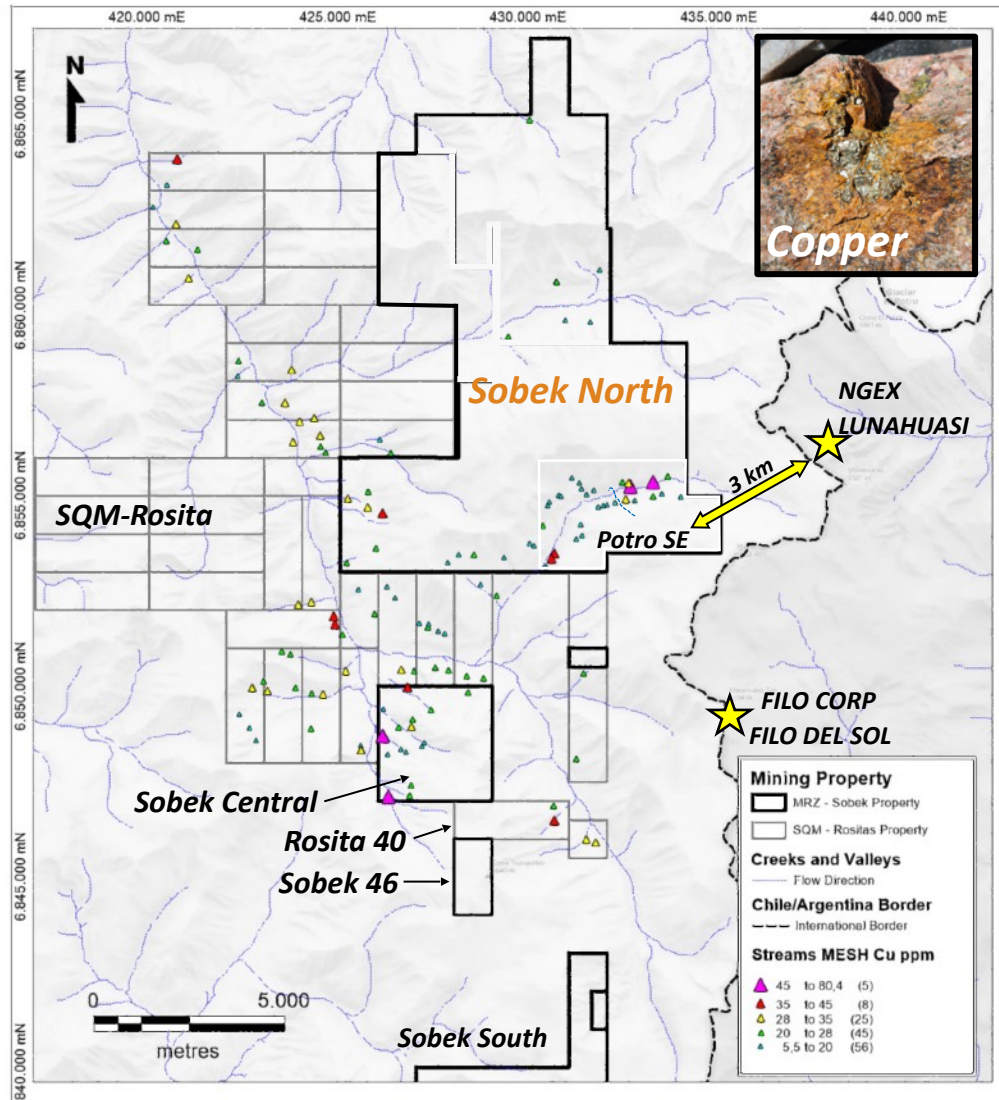
Sobek & SQM Rosita - Drilling High-Priority Targets



First Phase of Drilling Sobek North Block - Potro SE Target

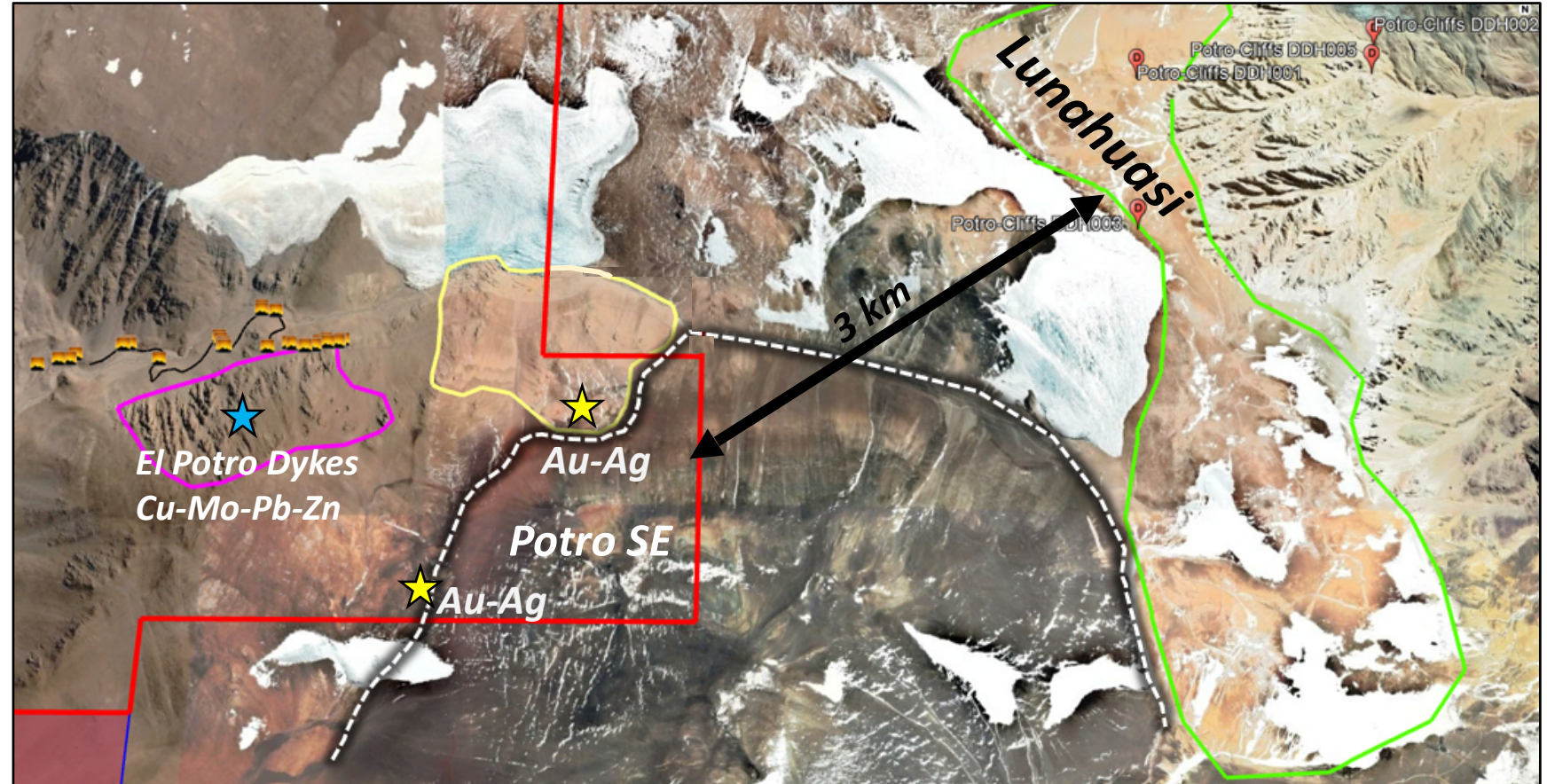
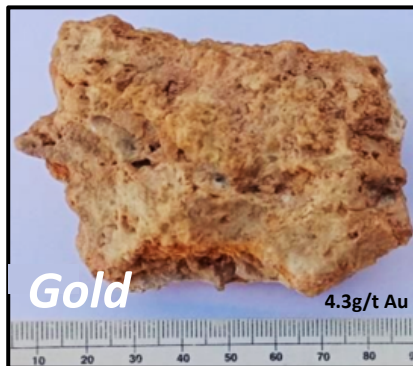


Sobek North - El Potro - Coincident Stream Sediments

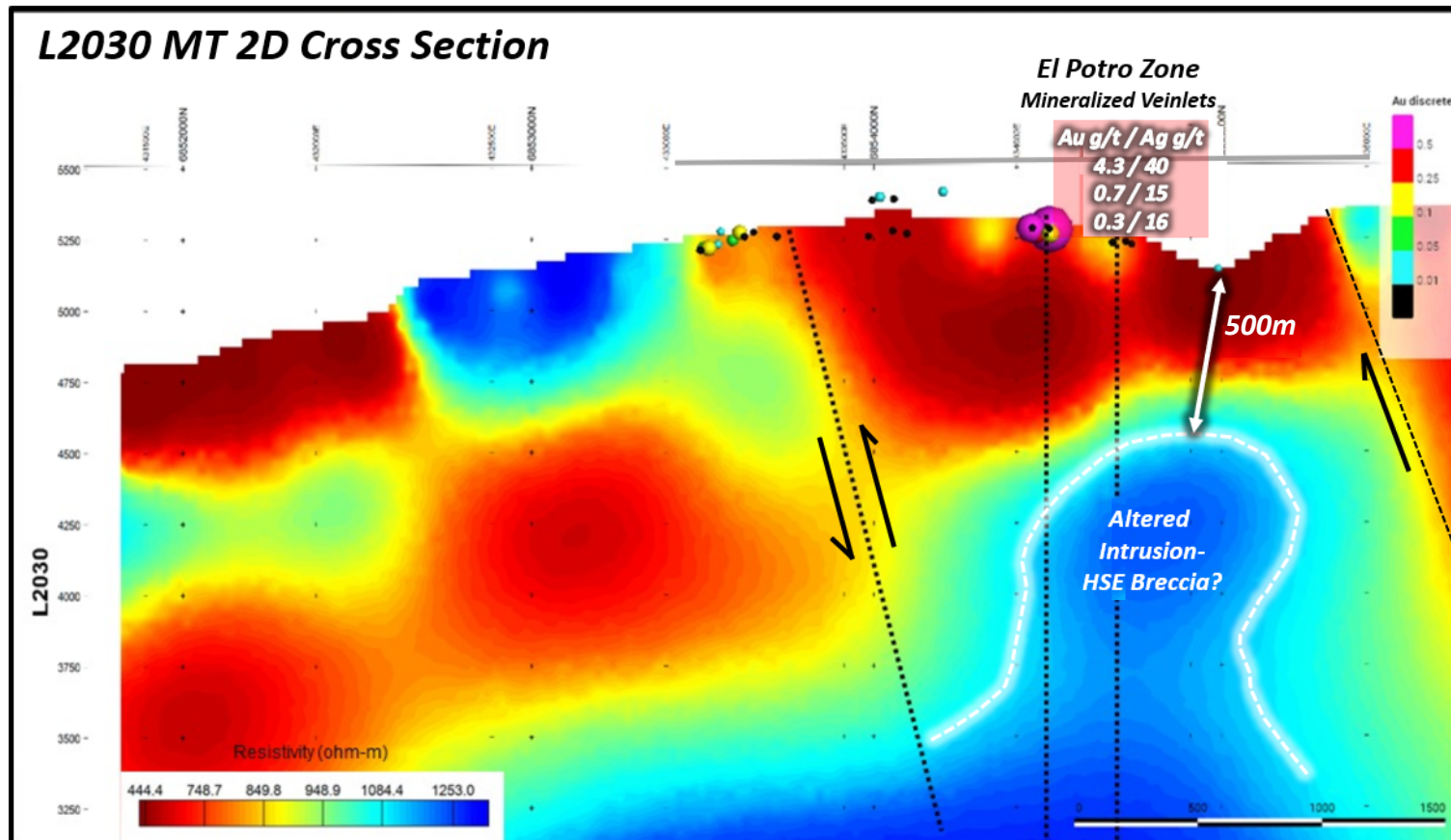
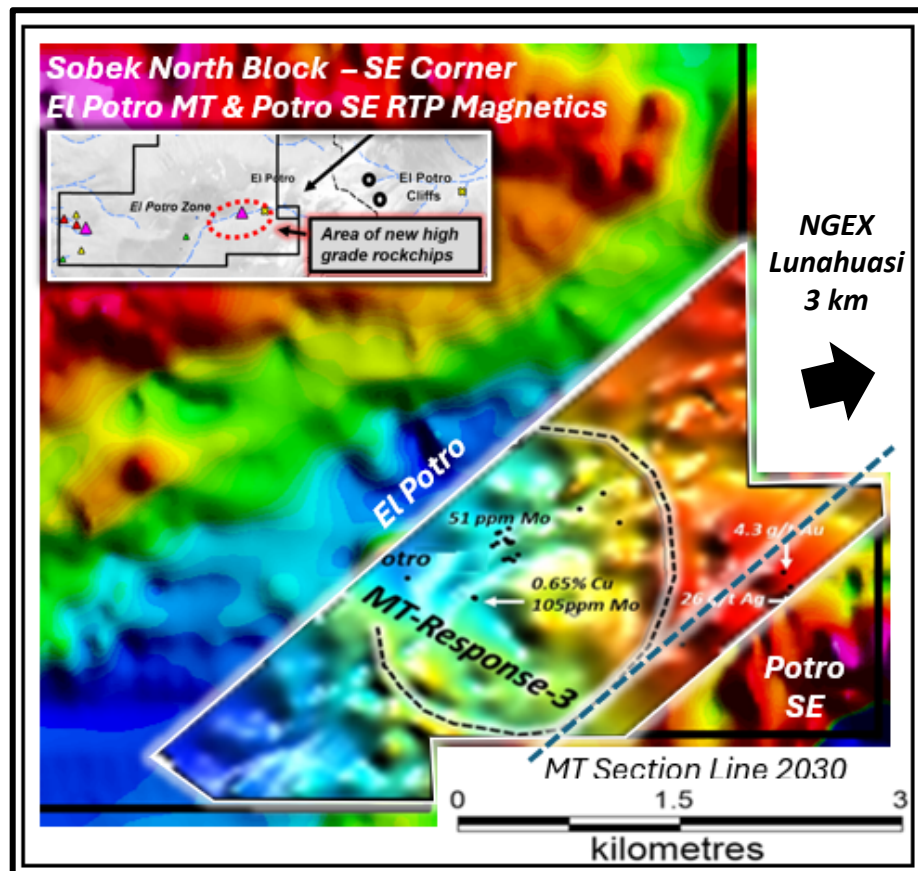


Vectored into the SE corner of Sobek North, into the El Potro area and finally into the Potro SE porphyry target

Sobek North - El Potro - Geology and Surface Samples



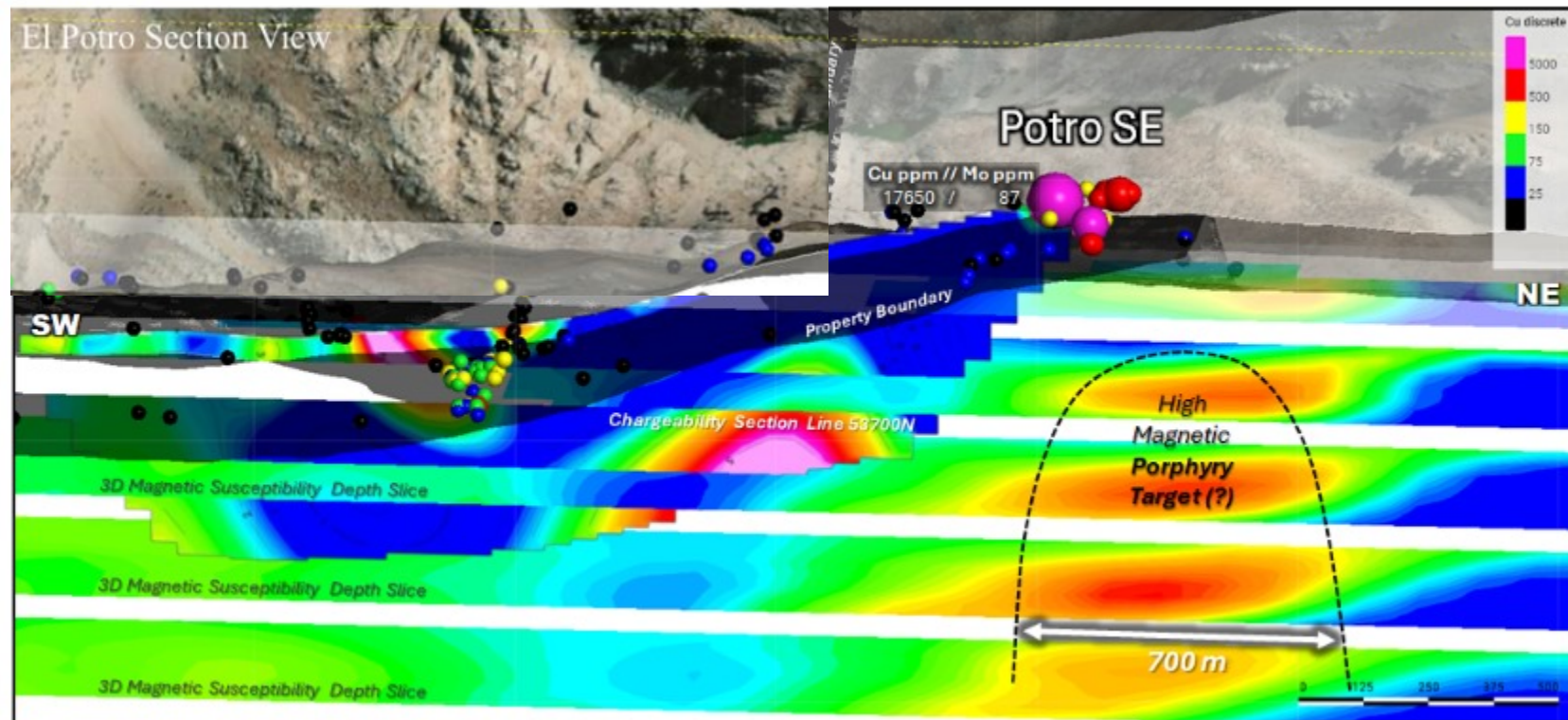
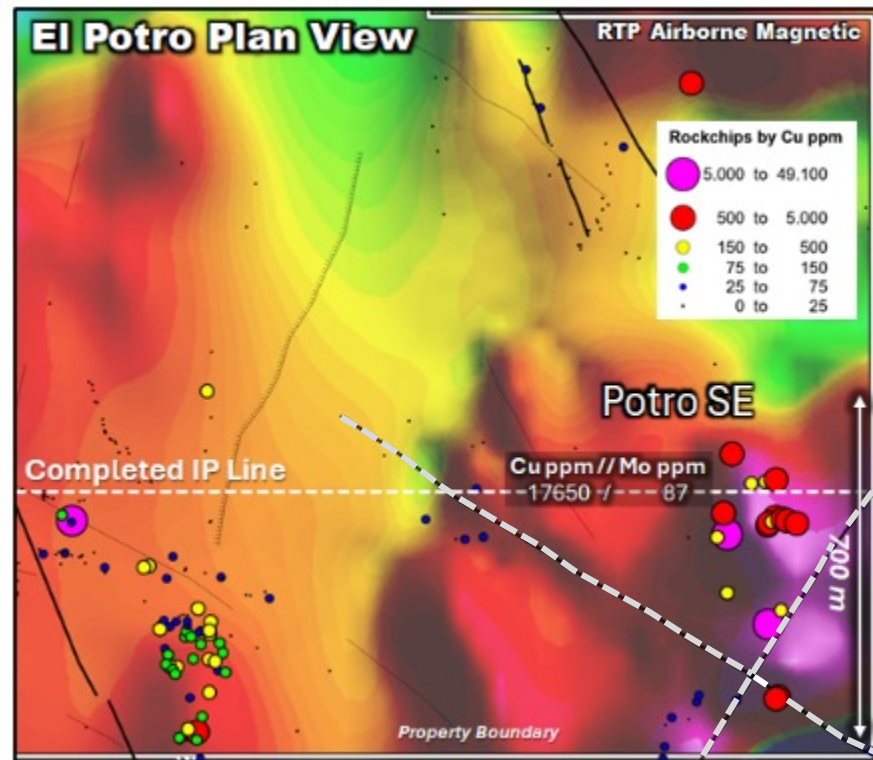
Sobek North - El Potro Prospect - New Priority Target



- New Potro SE porphyry target
- Coincident mag & soil/rock geochem anomaly with a good structural setting. No MT cover.

- 3km from NGEx discovery at Lunahuasi
- Small area of 13 km² Mobile MT Survey flown
- Select rock chip samples up to 4.3g/t Au and 25.9g/t Ag
- Still considered a quality drill target.

Sobek North – El Potro - New Potro SE Target

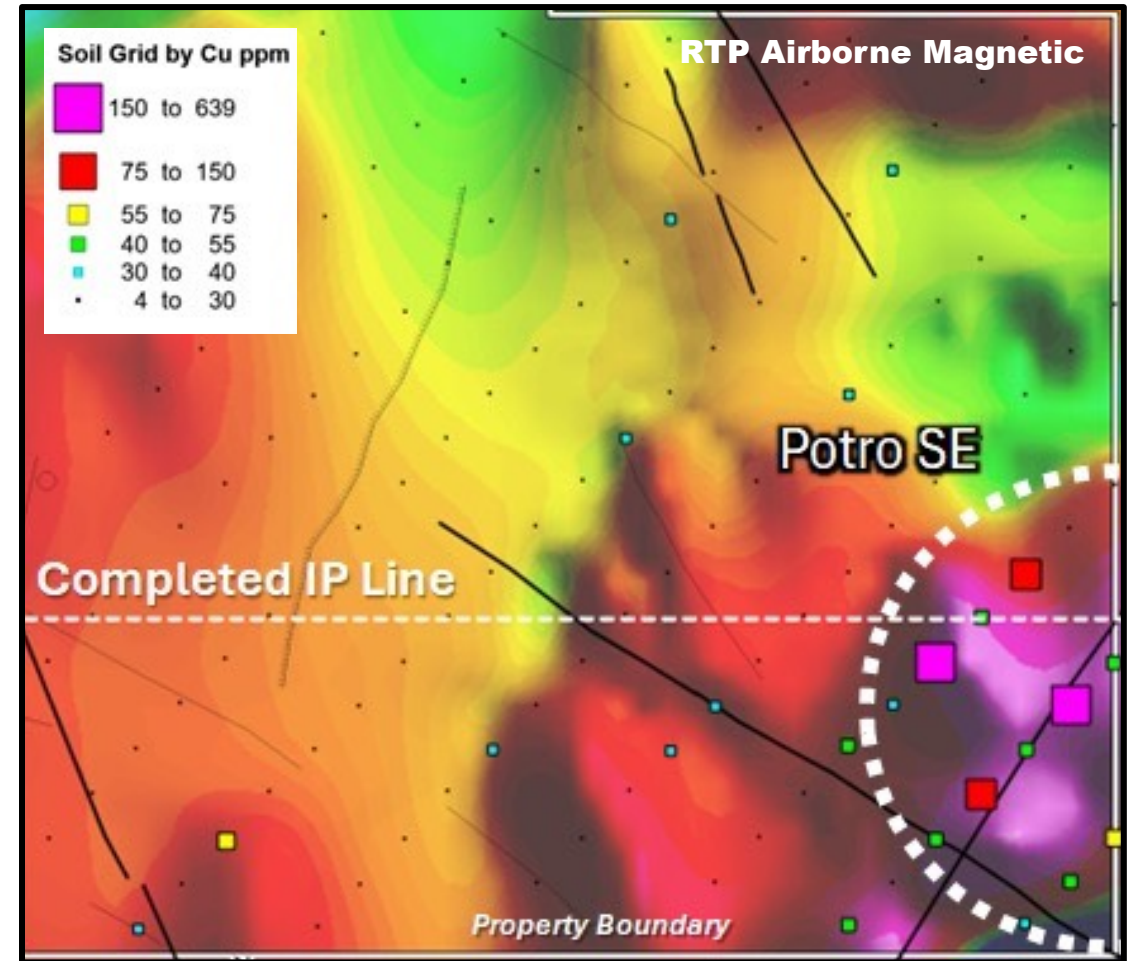
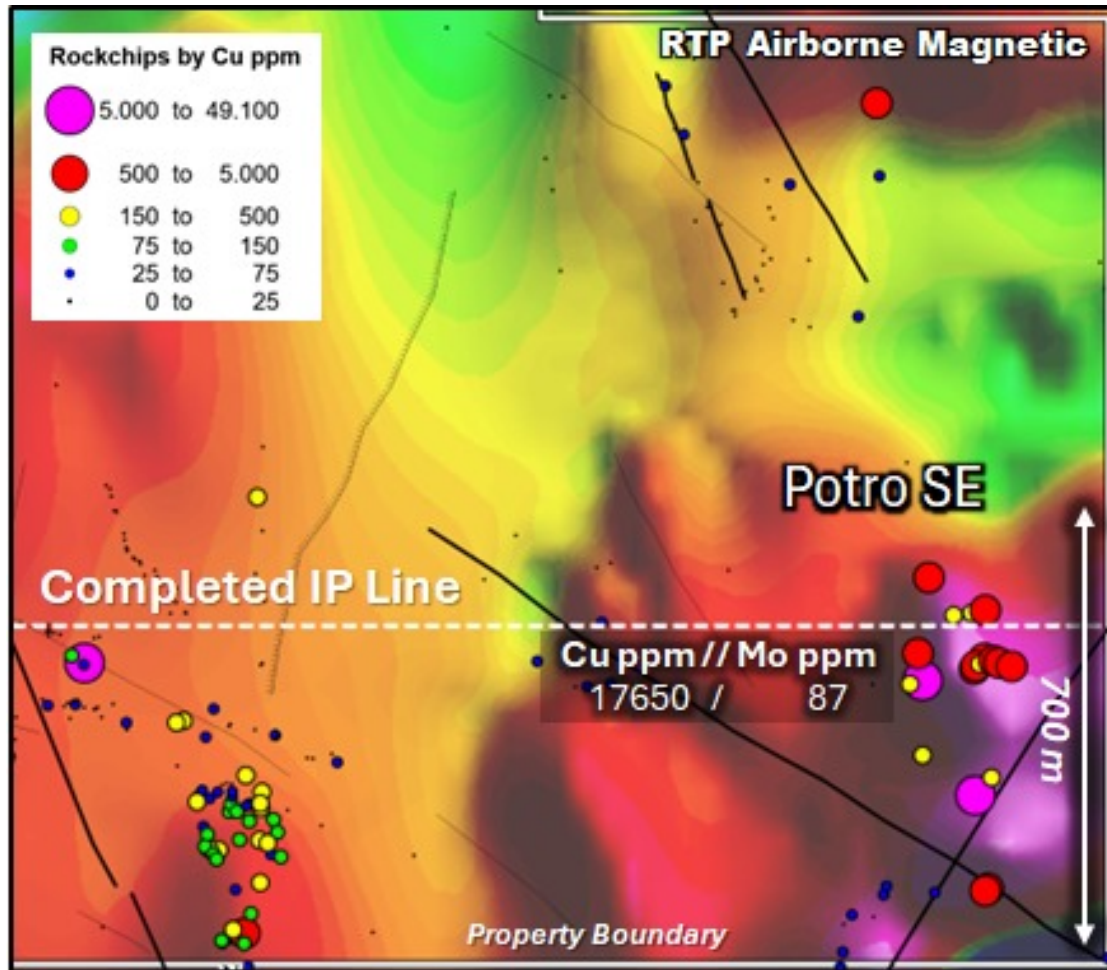


→ RTP Air Magnetics, POTRO SE high mag response with intersecting structures, and coincident rock and soil anomalies.

→ 700m wide, cylindrical Magnetic Susceptibility depth slices. Emergence of a strong IP-Chargeability residing outboard and peripheral to the magnetic response.

Sobek North – New Potro SE Priority Target

Airborne Magnetic Target and Coincident Geochemical Anomalies



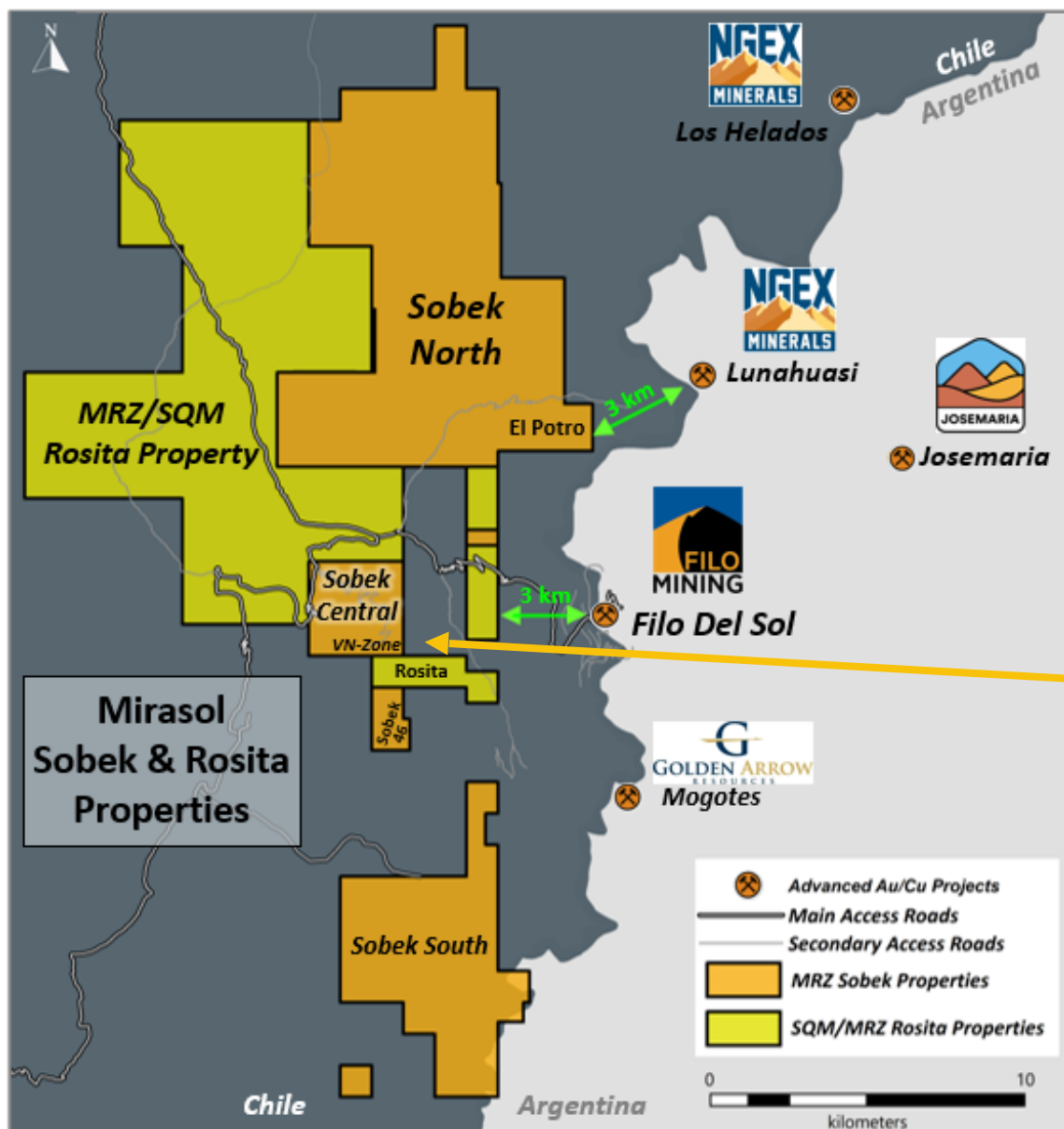
Completion of the remaining IP lines, both to the north and to the south of the current existing IP line will be the priority for the spring (Sept) exploration season

Sobek North - El Potro SE – Advancing to Drilling

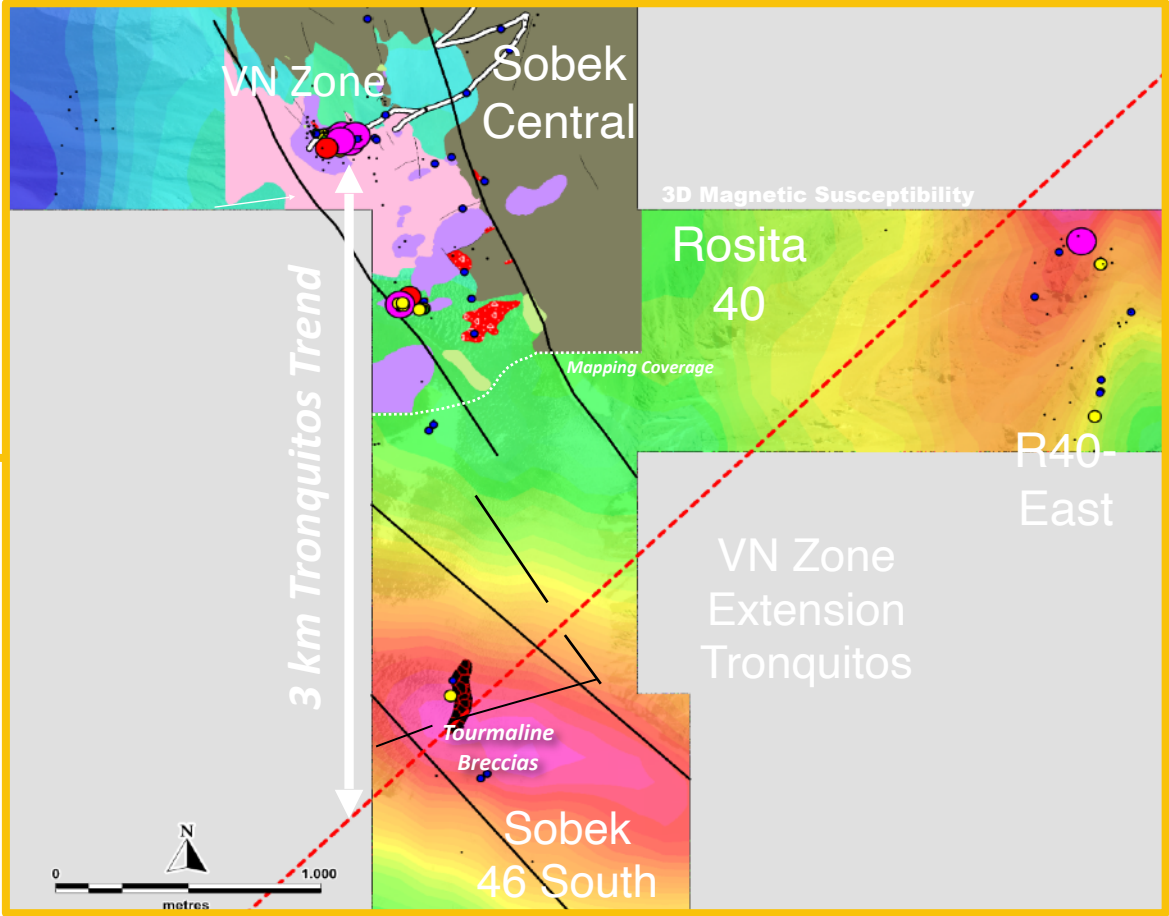


- ✓ Environmental clearance for Sobek North – “El Potro & SE”
- ✓ Existing road clean-up and new access to El Potro
 - ✓ *New access road to “El Potro” has cut interesting copper mineralized fractures/veinlets in strong clay altered granitic intrusive rocks*
- ✓ Detail geological mapping and sampling of the Cu-porphyry target at Potro East
- ✓ Geophysical IP surveys completed testing the upper zones of the El Potro MT-Resistive anomaly (500-700m depth)
 - Geophysical IP surveys at the “NEW” Potro SE cylindrical magnetic target. Clipped an IP chargeability anomaly
 - 1,000-1,500m proposed in 2 holes (Nov-2024)
- **First-Priority Drill Target for this Season**

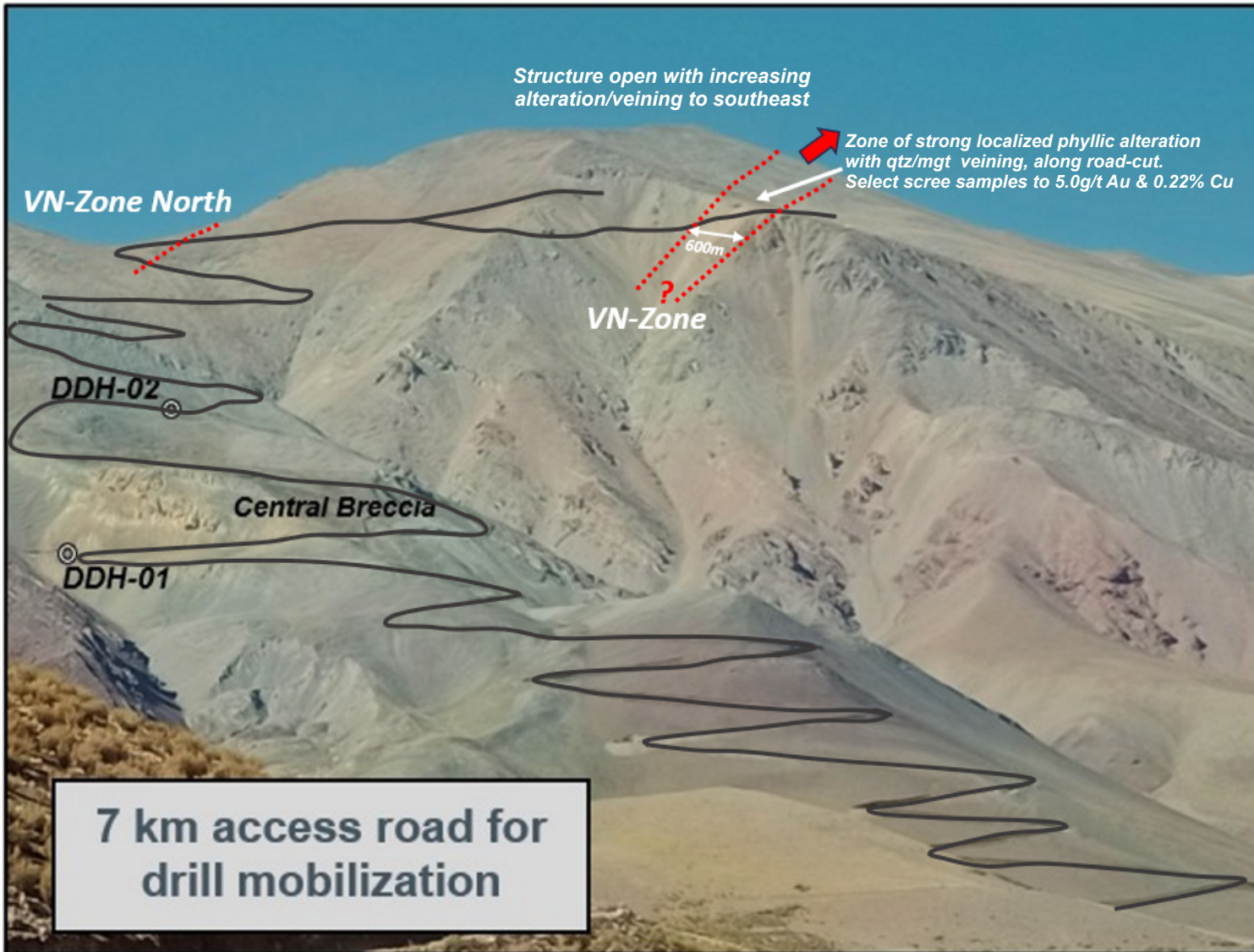
Sobek & SQM Rosita - Regional AirMag Survey



2nd Phase of Drilling
Sobek Central – South VN Zone



Sobek - New Access Road to VN-Zone



Au/Cu mineralized "M" Veins along road-cut

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

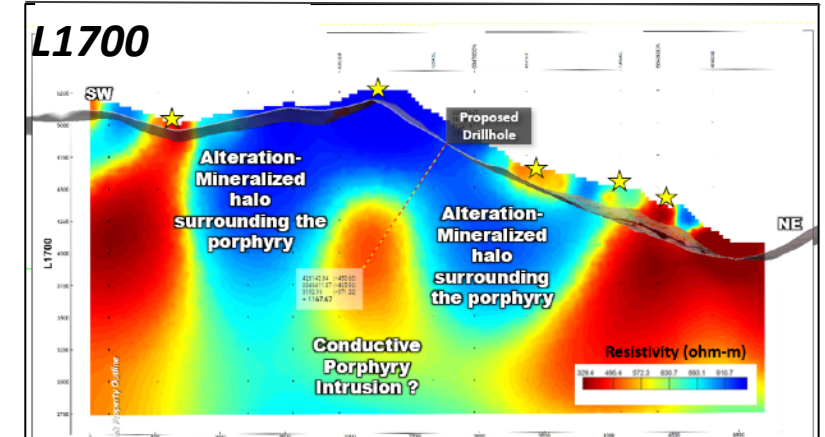
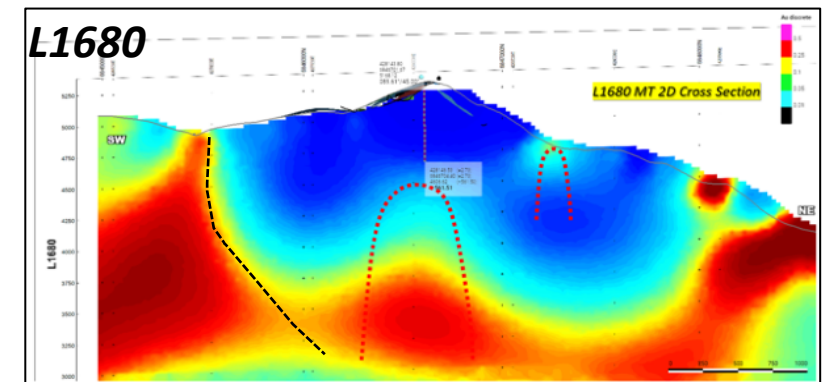
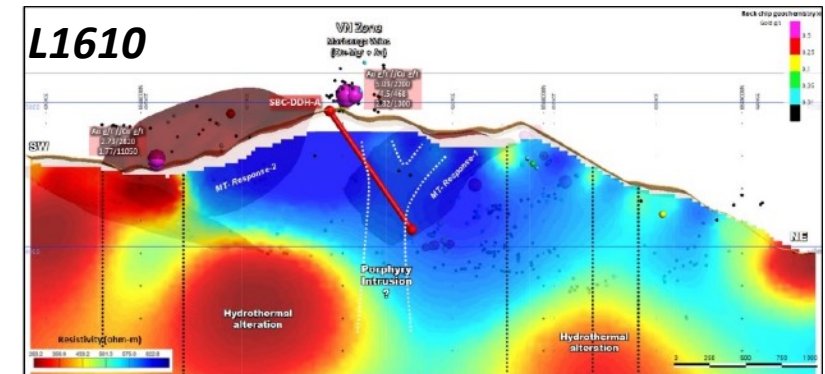
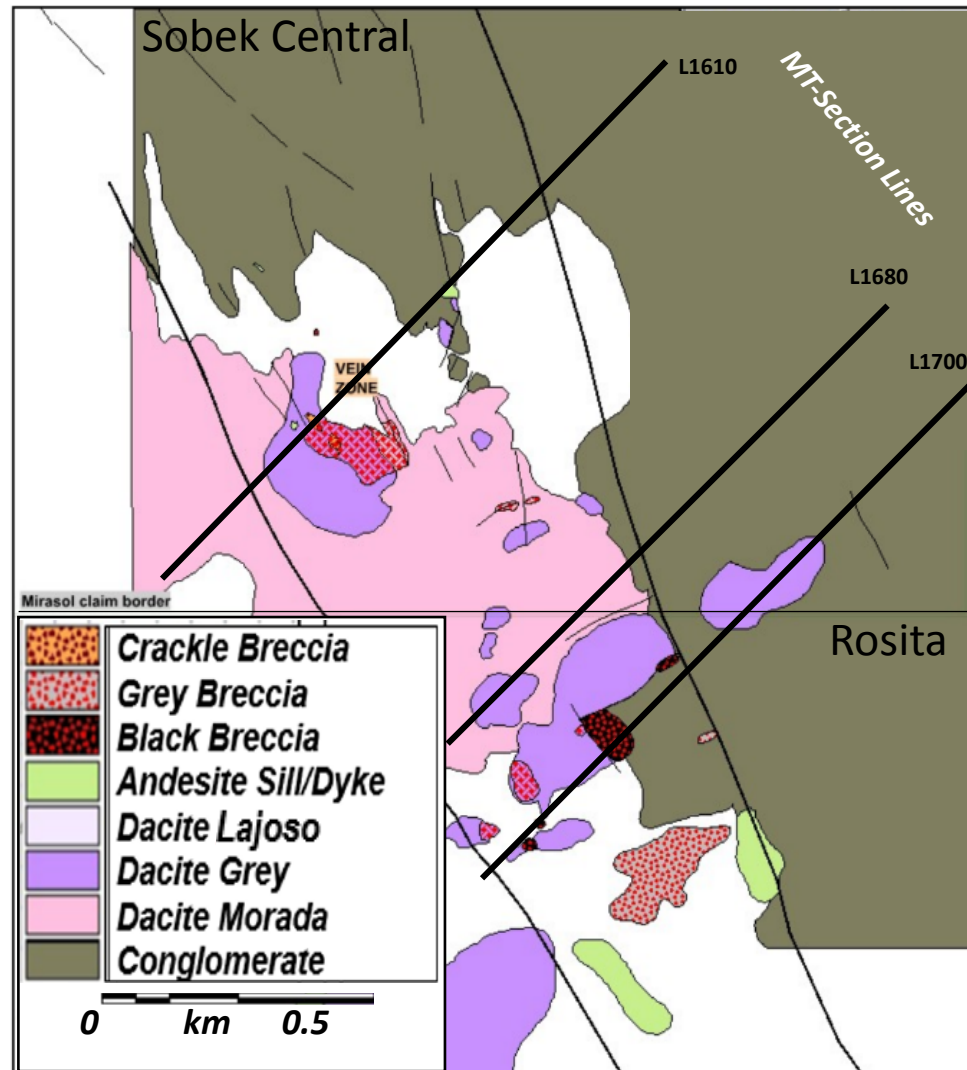
Subsequent Samples from the VN Zone

up to **5.0 g/t Au** & **0.22% Cu**

→ Electrical IP Pole-Dipole Geophysical survey to continue at VN-Zone to Sobek 46

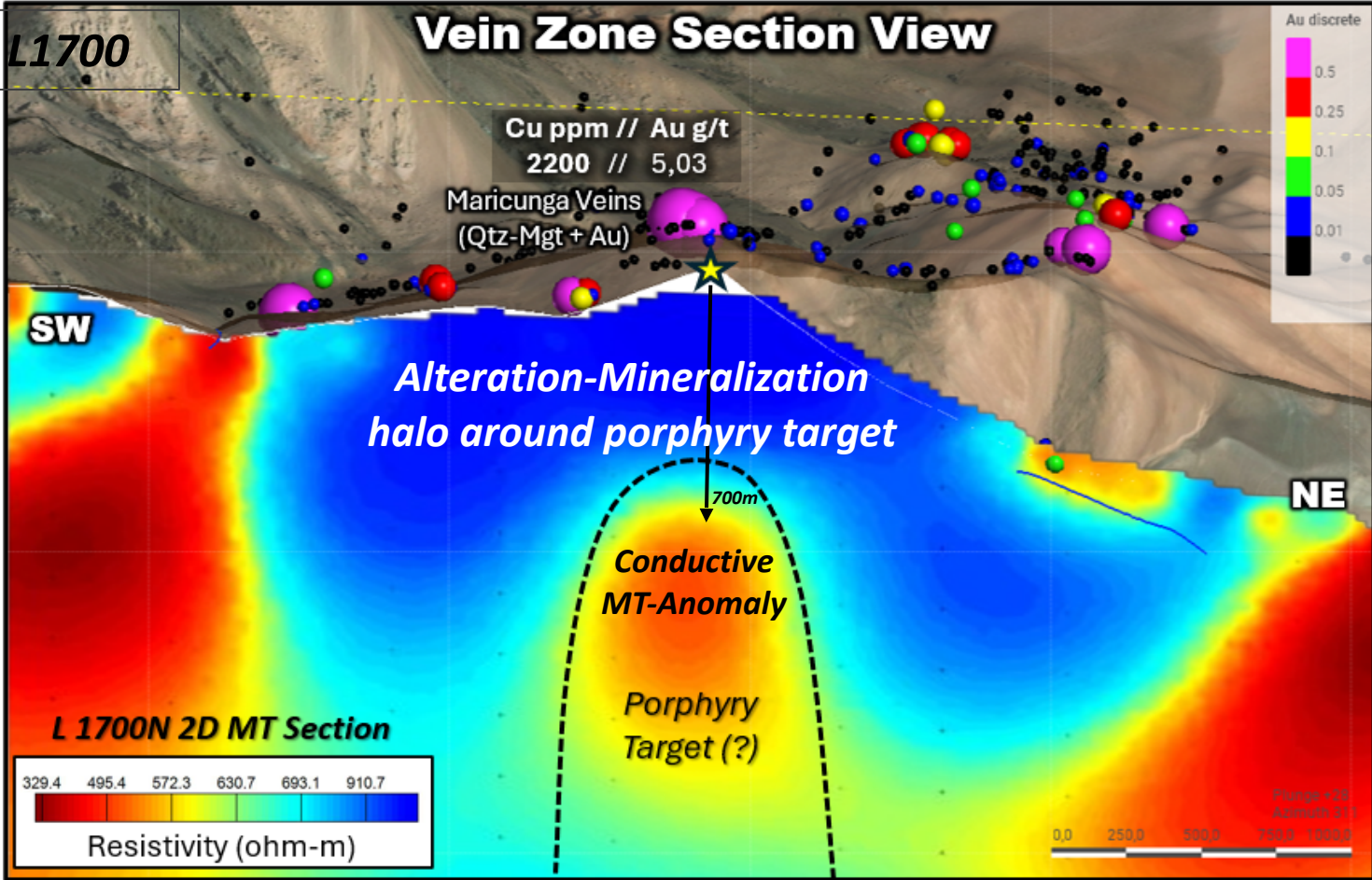
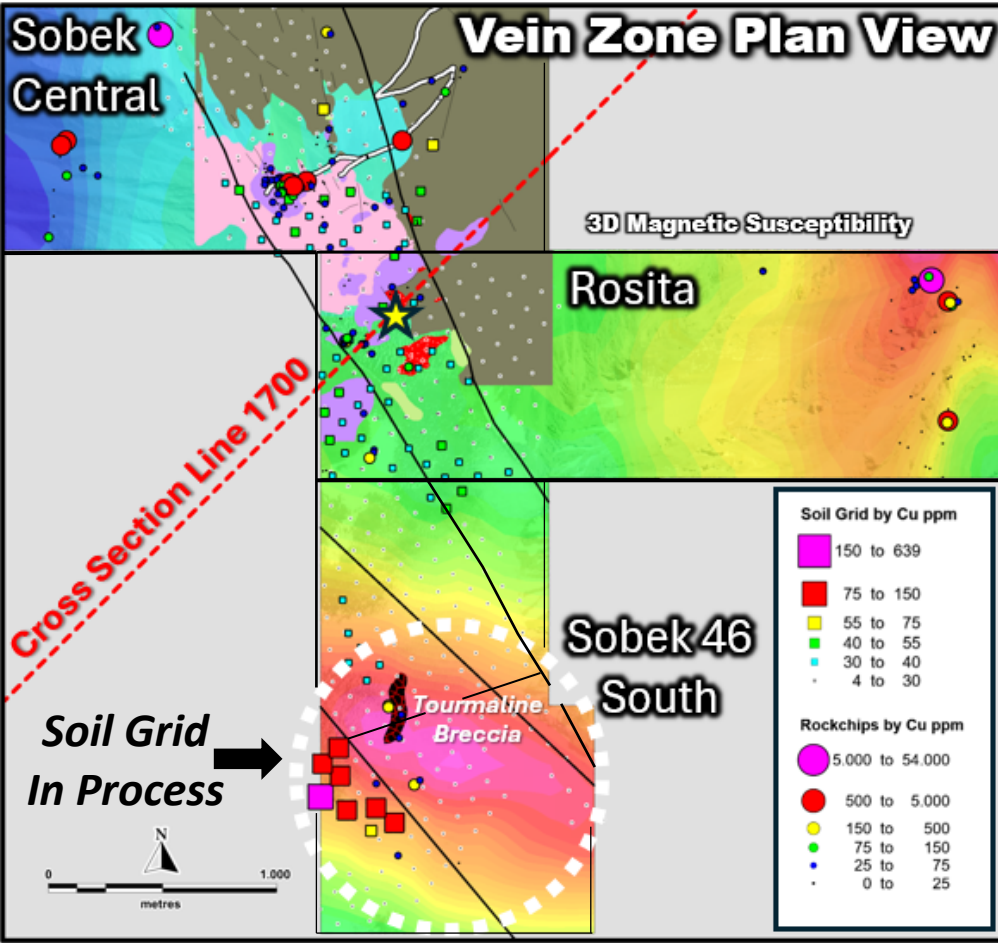
Sobek – VN-Zone and South Extensions (Tronquitos)

Local Geology & Airborne MT Sections



Sobek – VN-Zone and South Extensions

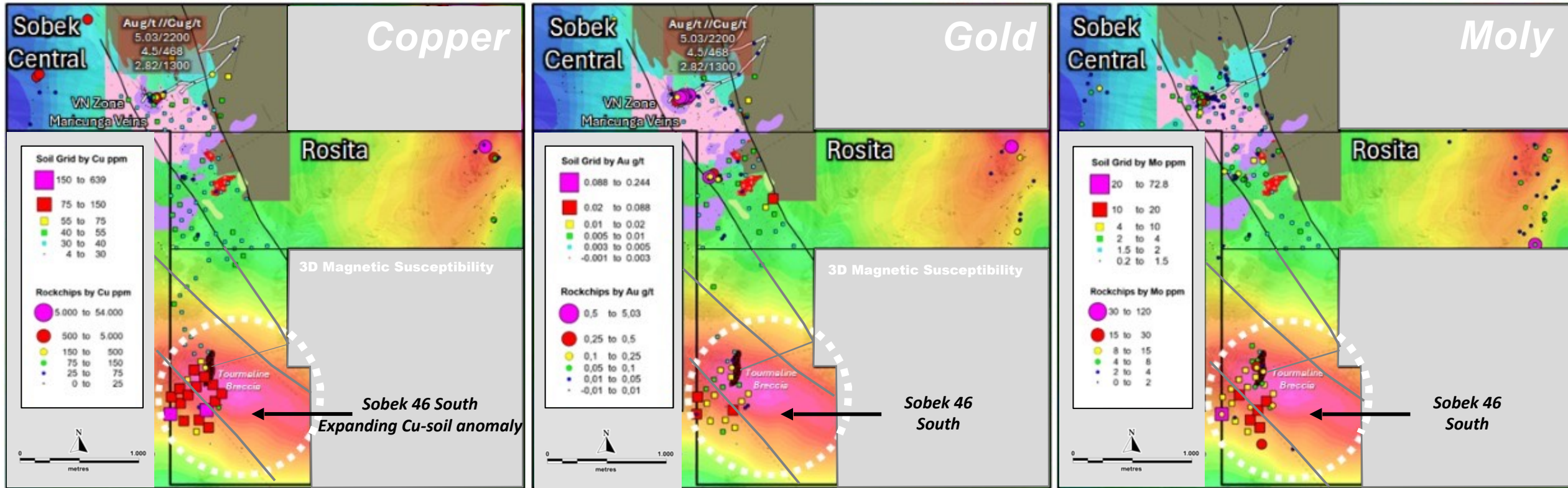
Airborne MT Sections & Local Geology/Geochemistry



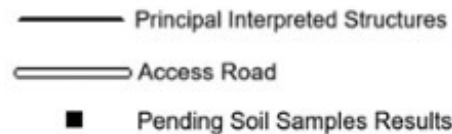
← Cross Section Line 1700 →

Sobek - VN Zone Extension – Rosita and Sobek 46-S

Coincident Magnetic Susceptibility – Soil/Rockchip Geochemistry

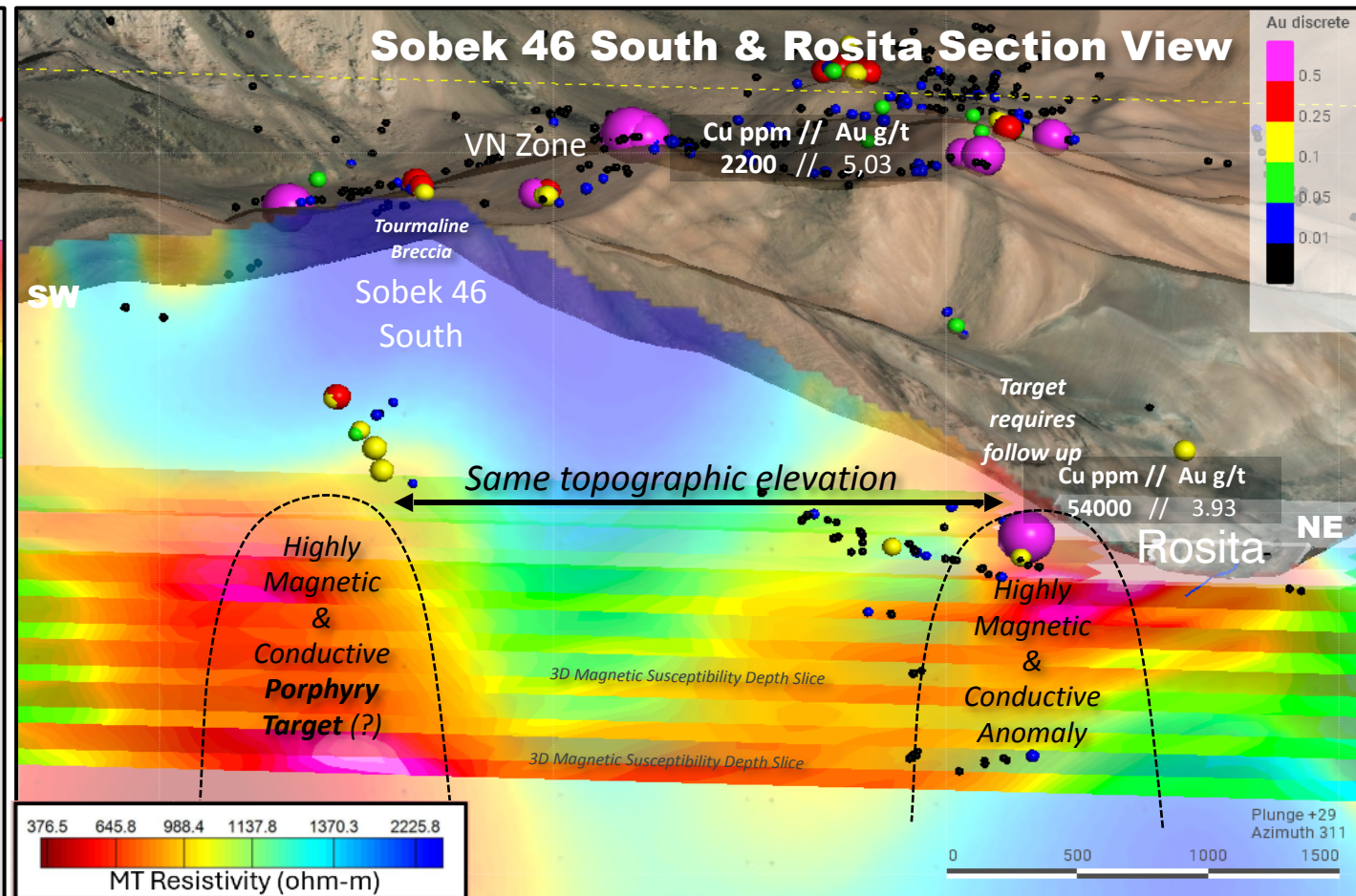
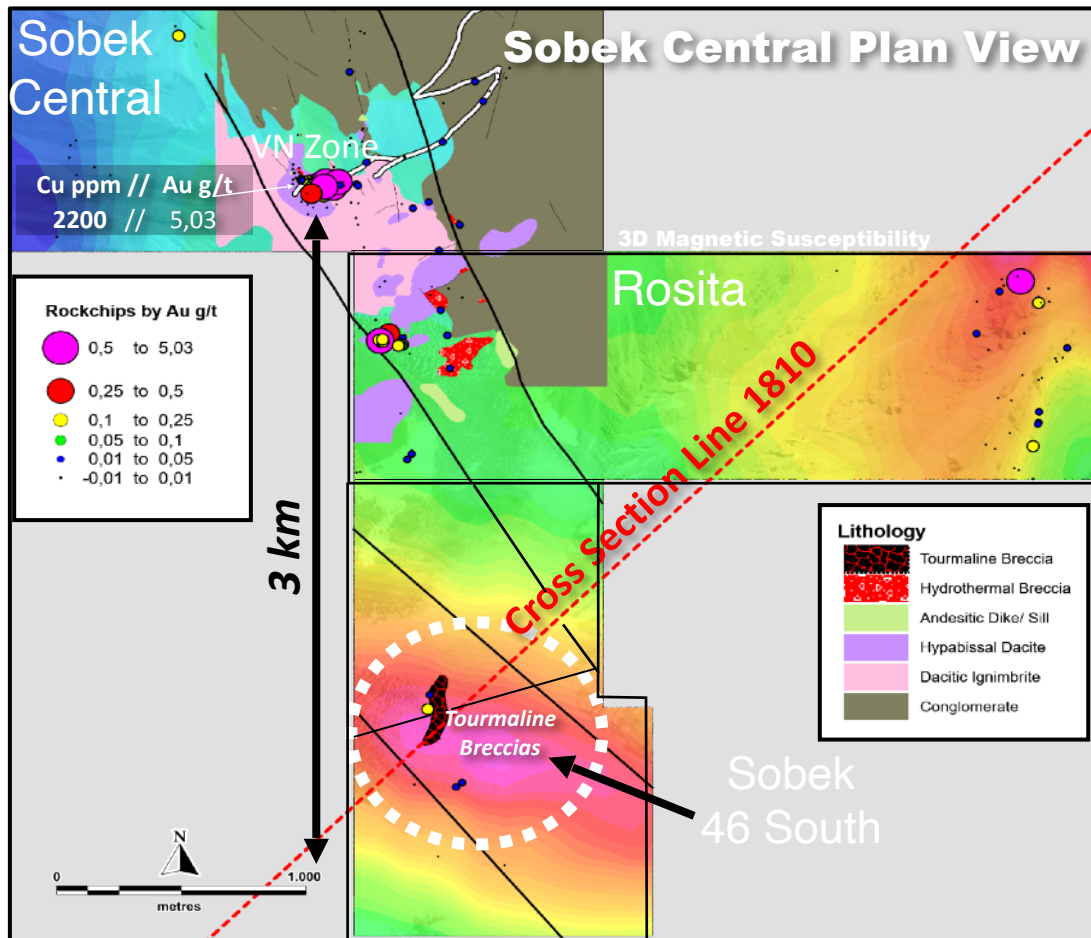


Lithology



Sobek - VN Zone Extension – Rosita and Sobek 46 South

Magnetic Susceptibility – MT Conductivity



← **Cross Section Line 1810** →

Sobek Central - VN-Zone South - Advancing to Drilling



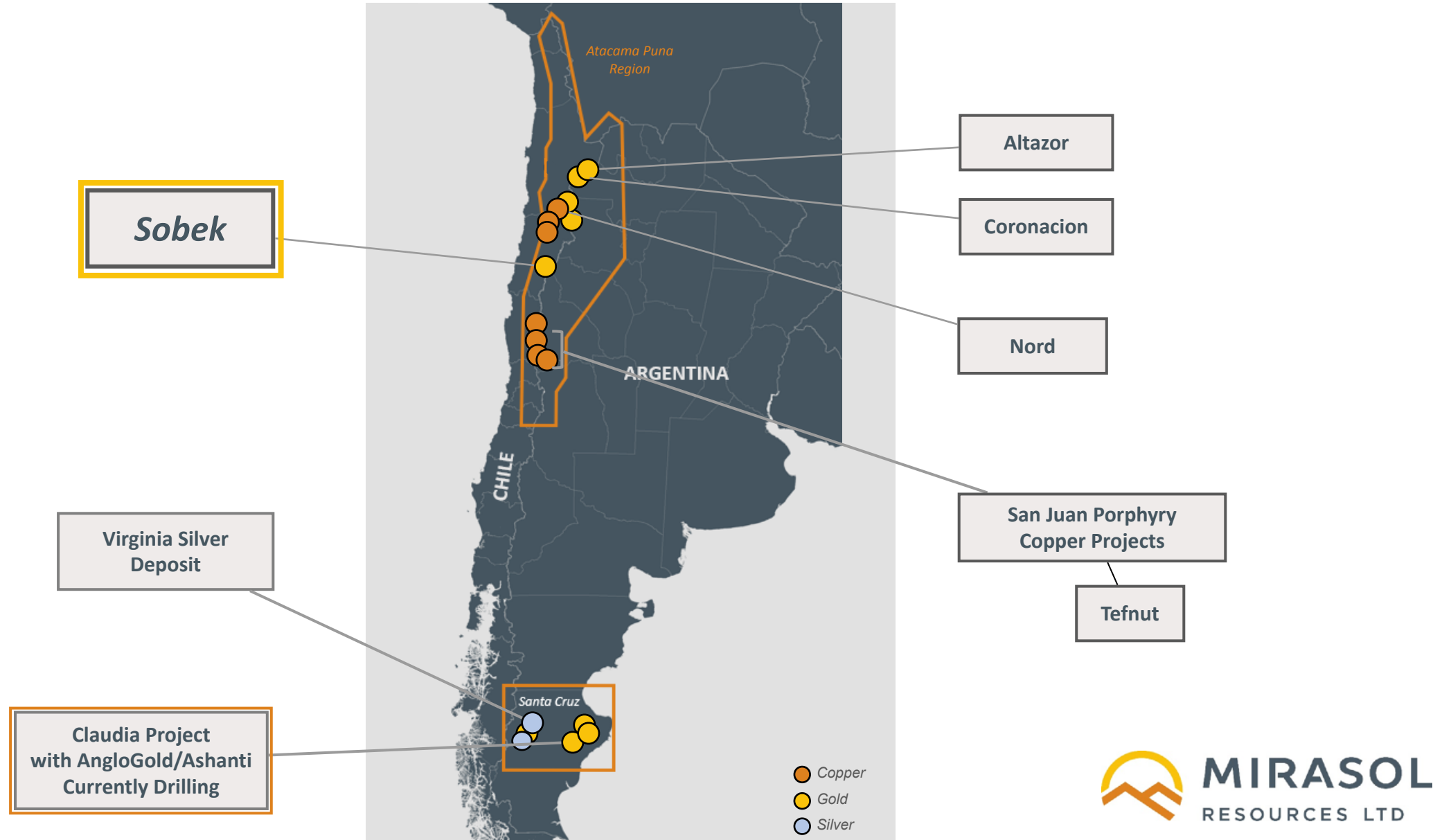
- ✓ Environmental clearance obtained for VN-Zone south extension into the Rosita and new Sobek 46 South claims
- ✓ Stream sediment sampling program & prospecting including Rosita and new Sobek 46 South claim blocks
- ✓ Detail geological and structural mapping
- Extend road access to the VN Zone south extension
- Resume geochemical soil survey grid and alteration analysis
- Continue IP geophysics to define and refine targets
- Advancing to maiden drill program at the South VN-Zone
 - 1,000- 1,500m proposed in 2 holes (Q1-2025)
- **Refining Drill Targets for Final Evaluation**

Upcoming Catalysts - **Potentially Pivotal News Flow**

- **Start 24/25 Exploration Program**
- **Drill Sobek North - Potro SE target ~Nov '24**
- **Drill Results from Sobek North**
- **Drill Sobek Central - South VN Zone target ~Feb/Mar '25**
- **Drill Results from Sobek Central**



Pipeline of Opportunities - Unlocking Value from Portfolio





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