



Sobek Project, Chile



MIRASOL
RESOURCES LTD

FOCUSED ON DISCOVERY

TSX-V: MRZ
OTCPK: MRZLF

Exploration Update
December 2022

MIRASOL RESOURCES

Cautionary Statement

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.

This presentation may use the terms pit constrained mineral resources estimate and indicated resource. The Company advises that these terms are recognized and defined in Canadian securities regulations (under National Instrument 43-101 “Standards of Disclosure for Mineral Projects”). Investors are cautioned not to assume that any part of or all, of the mineral occurrences in these categories will ever be converted into reserves.

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.

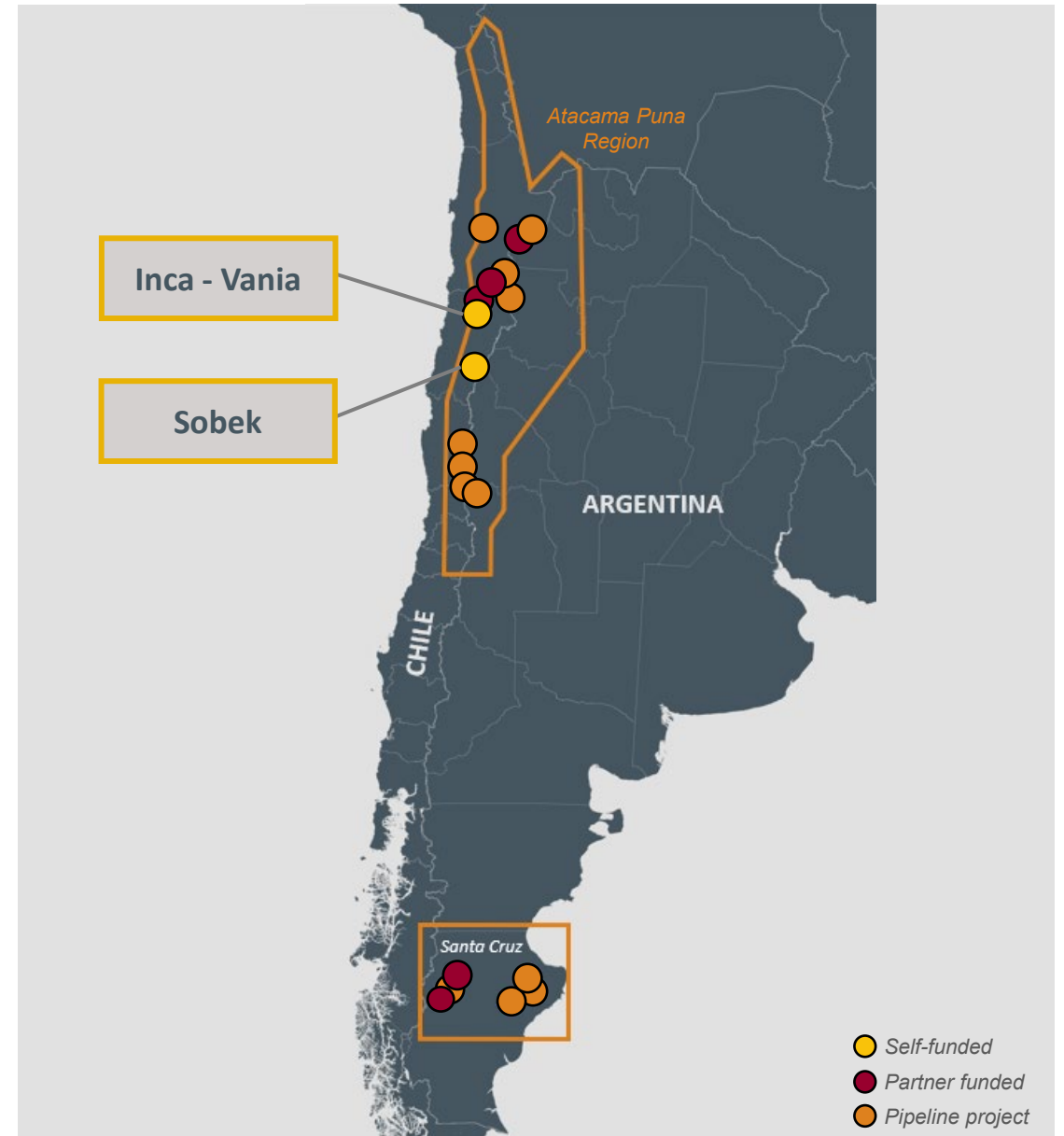
Exciting 2022/23 Exploration Season

Sobek - Copper-Gold

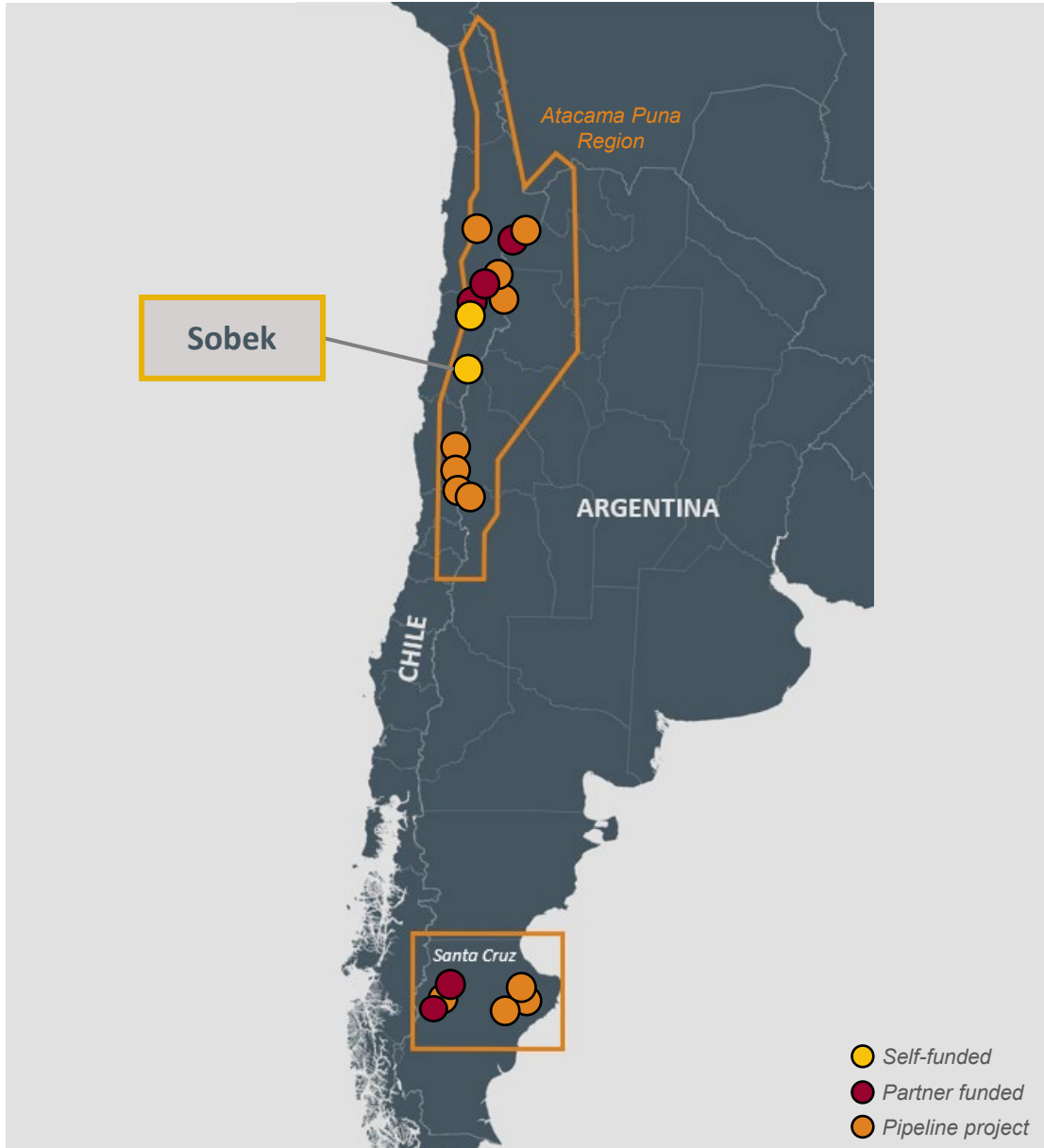
- Coincident geochemical and airborne magnetic anomalies
- Multi-percent copper in grab samples
- Exploration is actively underway
- Focus - Advance to drill stage

Inca - Copper-Gold

- Compelling IP geophysical targets
- Geochemical sampling completed
- Refining drill plans
- Drilling planned for early Q1 2023



Sobek - Flagship Project - Copper-Gold - Chile



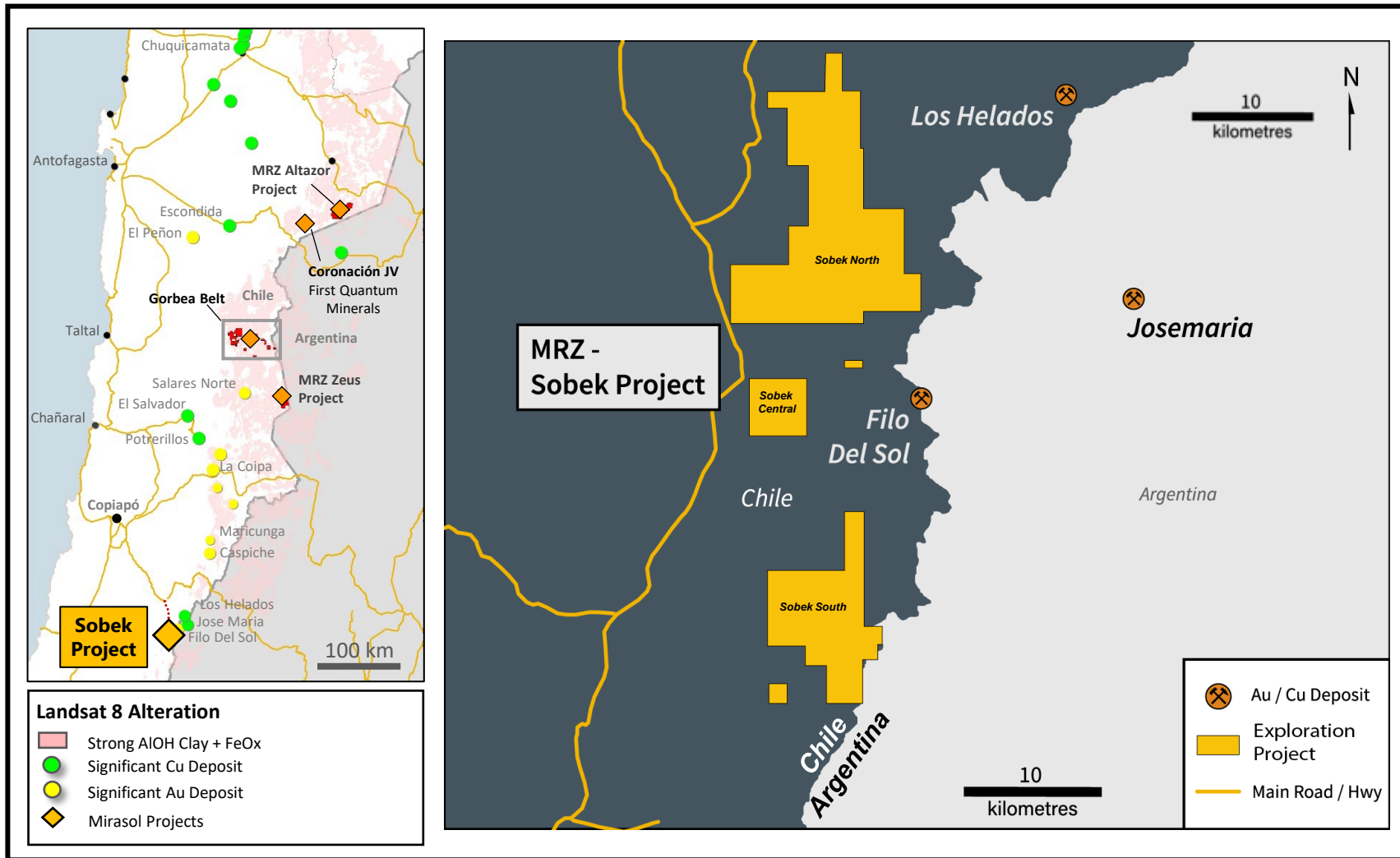
Sobek South



Sobek North



Sobek - Emerging Copper-Gold District



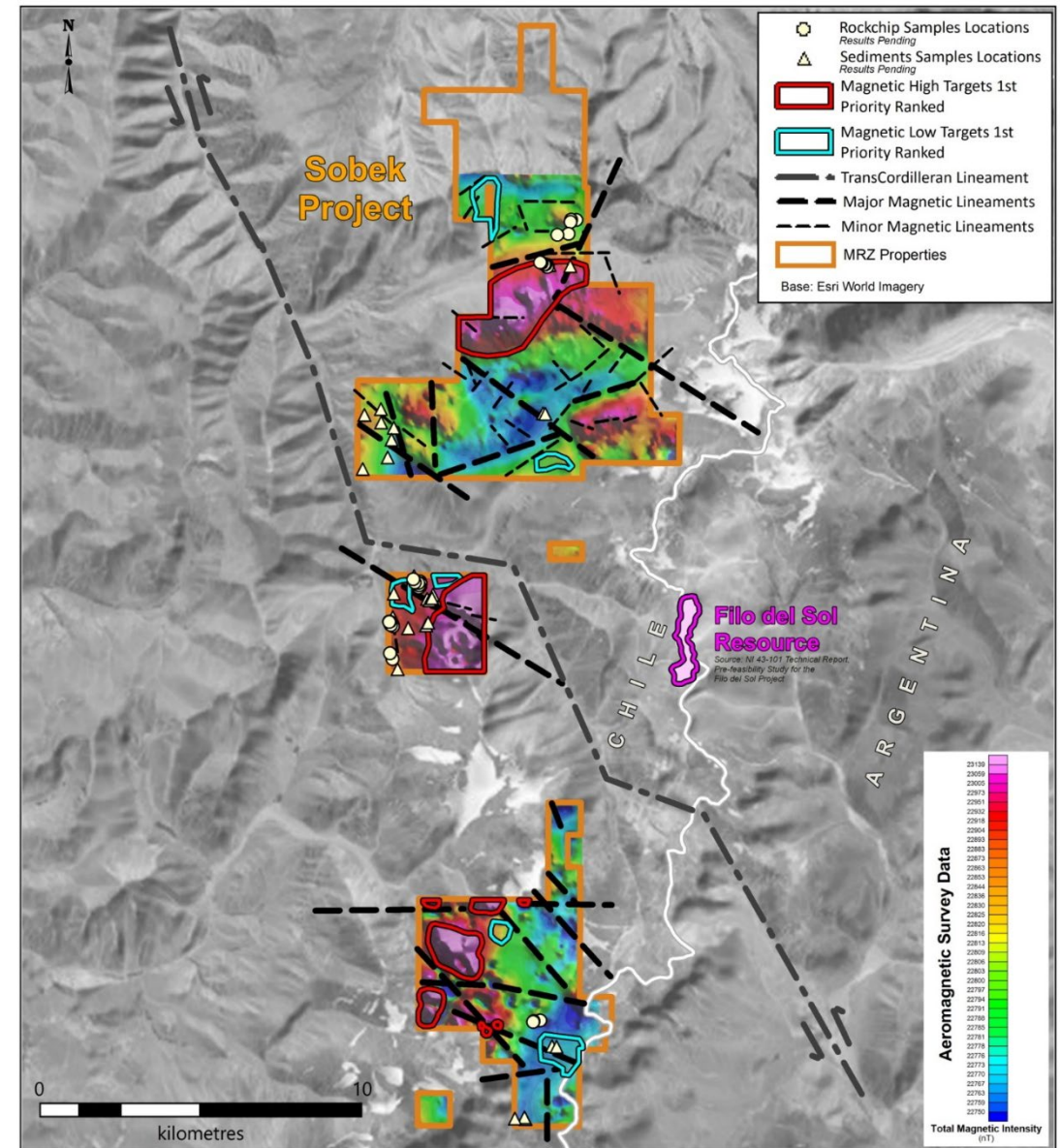
- Mio-Pliocene age mineral belt, northern Chile
- 11,120 ha, 100% owned
- Porphyry Copper / HSE Gold Project
- Staked based on prospective local structural architecture
- Located in the rapidly emerging, globally recognized copper-gold district.
- 7 km west of Filo del Sol with Jose Maria further to the east and Los Helados to the north
- 3 hour drive from Copiapo along 114kms of paved highway, and 40 kms of well-maintained gravel roads.

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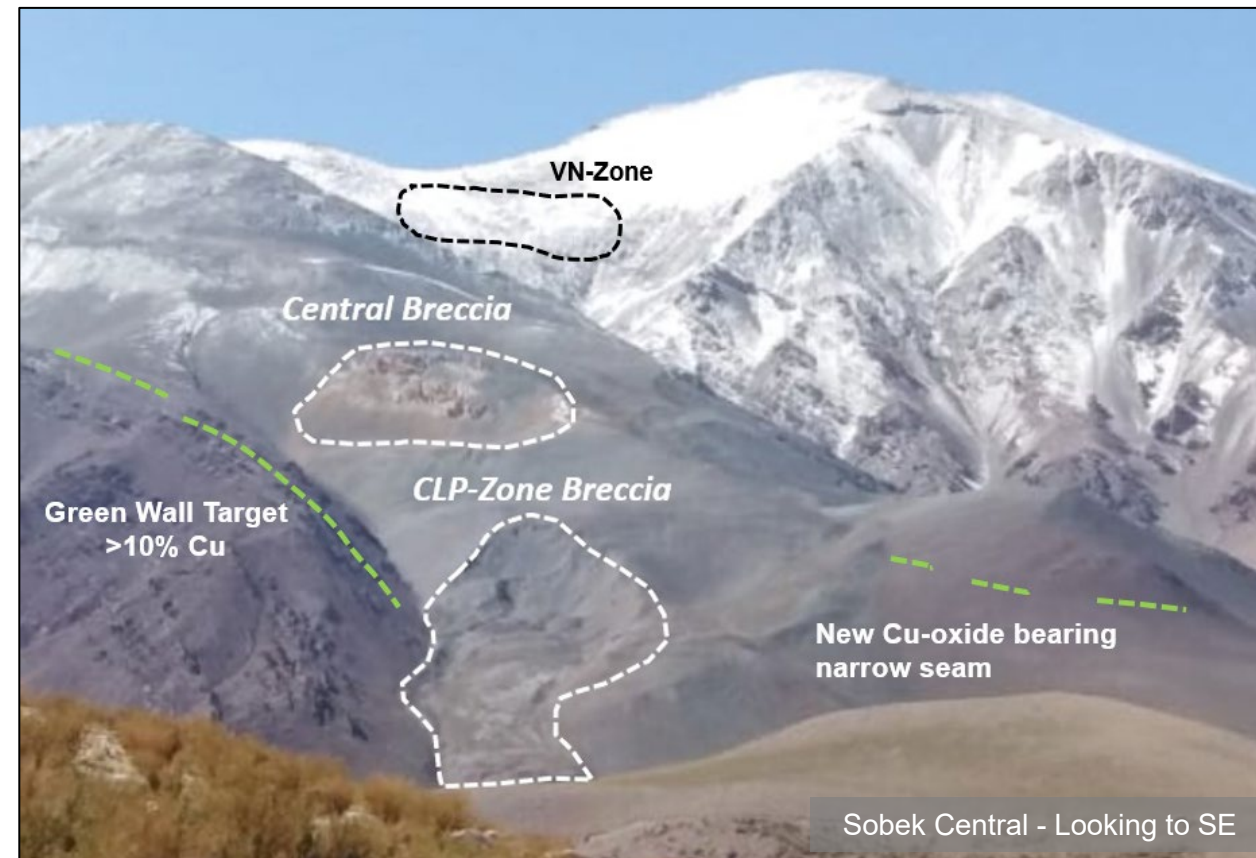
Sobek - 2021/22 Maiden Exploration Campaign

Airborne Magnetics:

- Property wide High resolution 2,690 line-km helicopter-supported aeromagnetic survey completed by New-Sense Geophysics Ltd, Chile.
- Improved understanding of the local structural architecture
- Defined multiple highly prospective geophysical magnetic targets
- Resulting in a significant advantage in this emerging district



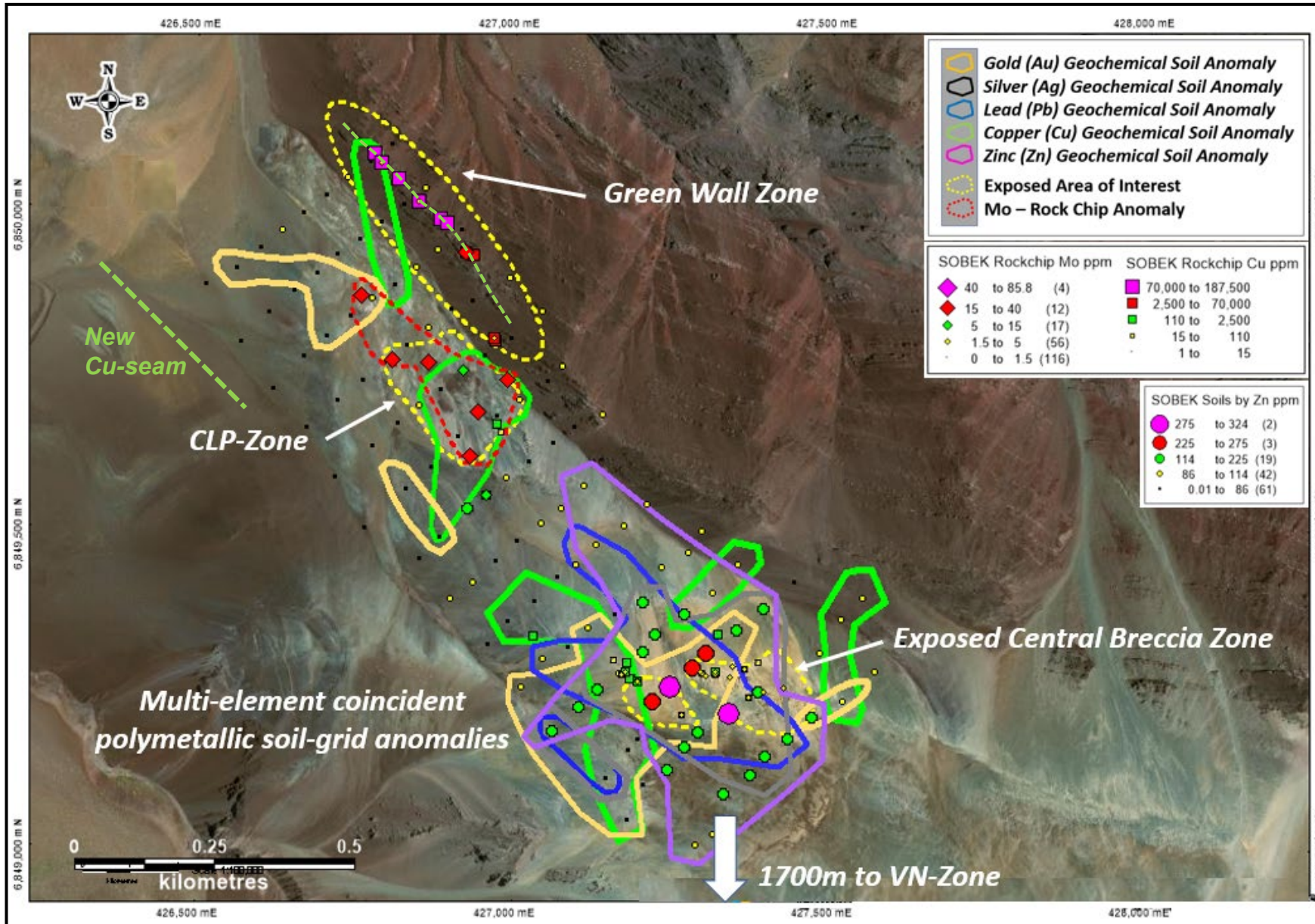
Sobek - Emerging Copper-Gold District



The initial reconnaissance campaign confirmed presence of porphyry-type geology and alteration assemblages

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Sobek Central - 2021/22 Exploration Results

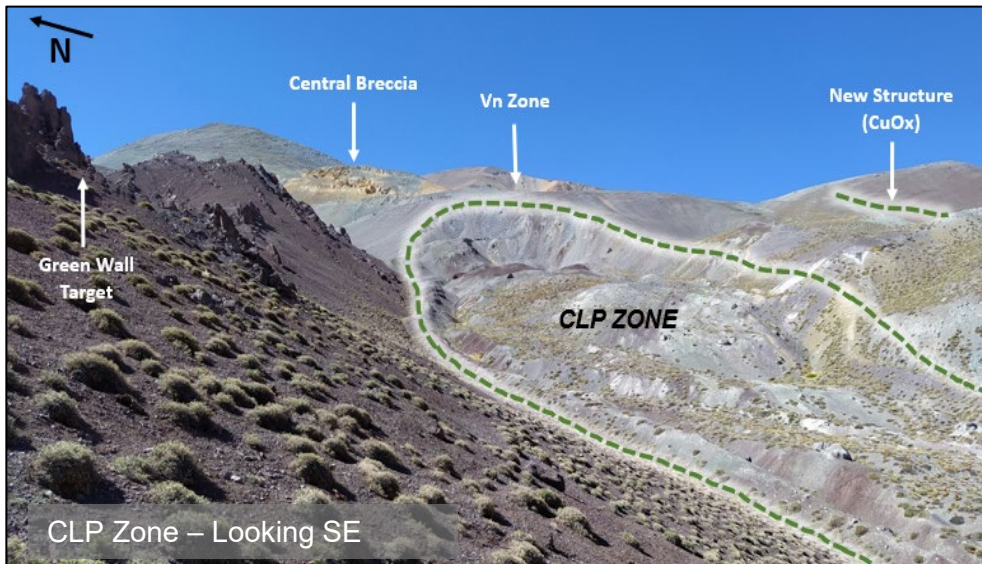
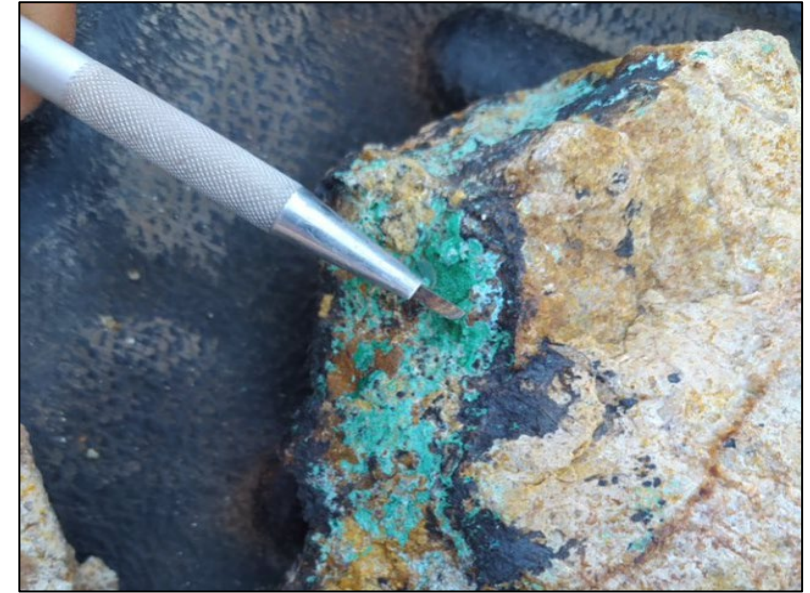


Sobek Central - 2021/22 Exploration Results

Green Wall Zone

Target	Sample_ID	Cu_ppm	Cu-%	Ag_ppm	Mo_ppm	Pb_ppm	Zn_ppm
Sobek Central-Green Wall	MCR0024488	103,500	10.4	20	0.83	12	42
Sobek Central-Green Wall	MCR0024489	115,500	11.6	44	1.6	13	79
Sobek Central-Green Wall	MCR0024490	136,500	13.7	37	1.11	13	100
Sobek Central-Green Wall	MCR0024491	154,000	15.4	26	1.59	15	107
Sobek Central-Green Wall	MCR0024492	187,500	18.8	10	0.93	69	93
Sobek Central-Green Wall	MCR0024493	136,500	13.7	11	0.89	271	111
Sobek Central-Green Wall	MCR0024494	7,530	0.8	10	30	209	61
Sobek Central-Green Wall	MCR0024495	10,200	1.0	16	0.57	160	108
Sobek Central-Green Wall	MCR0024530	44,300	4.4	13	1.24	26	52
Sobek Central-Green Wall	MCR0024531	64,400	6.4	44	4.63	311	12

Note: Significant assay results from select rock chip grab and float samples collected from the exposed dyke structure.

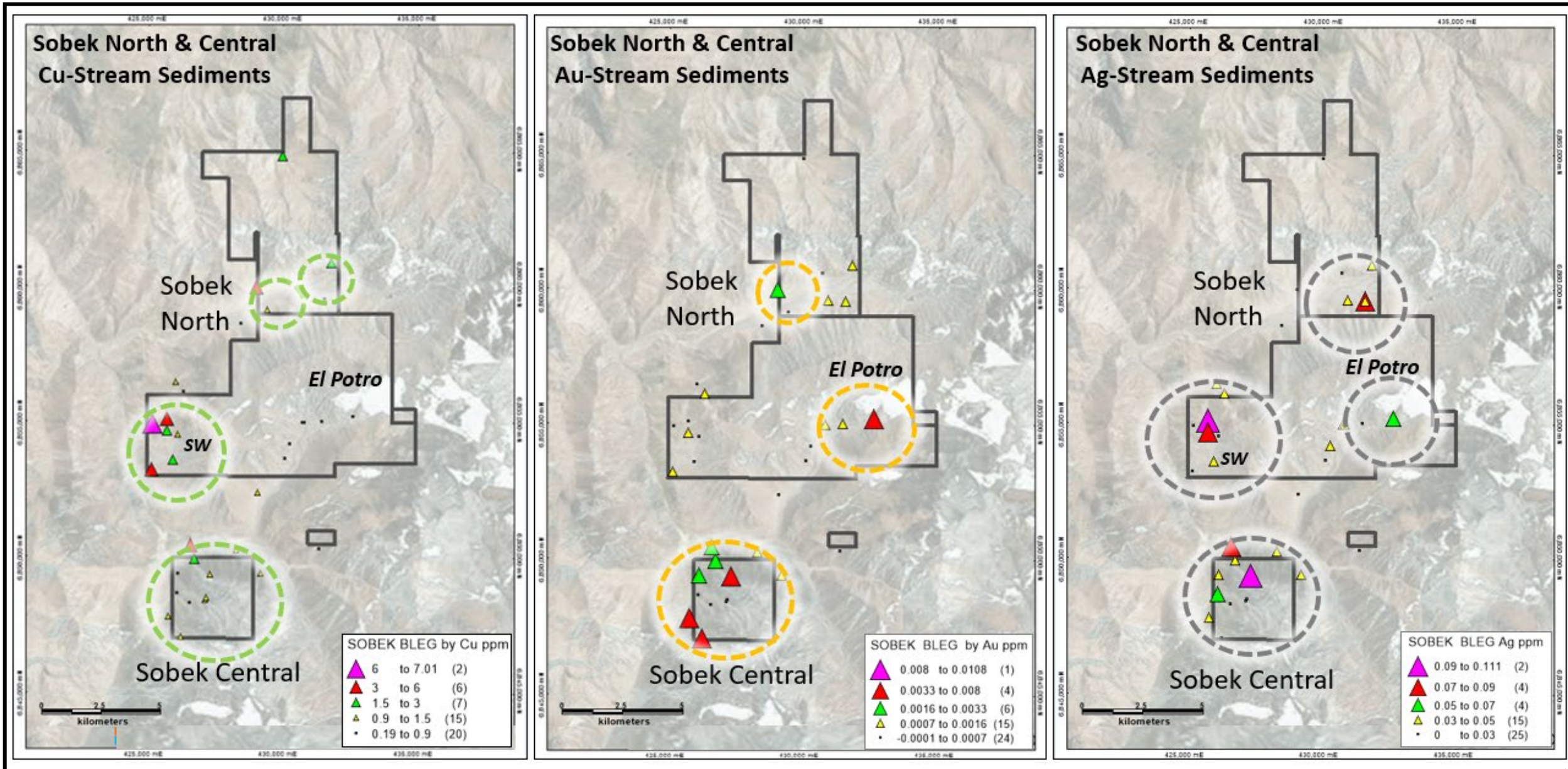


CLP-Zone

Target	Sample_ID	Cu_ppm	Ag_ppm	Mo_ppm	Pb_ppm	Zn_ppm
Sobek Central-CLP Zone	MCR0024532	330	0.2	37.9	21.9	88
Sobek Central-CLP Zone	MCR0024533	250	0.19	0.73	21.5	58
Sobek Central-CLP Zone	MCR0024535	82	0.05	1.24	5.2	67
Sobek Central-CLP Zone	MCR0024536	64.5	0.12	25.6	42.5	113
Sobek Central-CLP Zone	MCR0024537	410	0.74	20.1	422	147
Sobek Central-CLP Zone	MCR0024538	42.6	0.05	5.89	17.3	90
Sobek Central-CLP Zone	MCR0024539	31.8	0.15	37.7	59.7	36
Sobek Central-CLP Zone	MCR0024540	34.4	0.2	32.6	19.9	57
Sobek Central-CLP Zone	MCR0024541	13.2	0.03	31.9	9.7	19
Sobek Central-CLP Zone	MCR0024572	1885	1.37	5.23	10.5	71

Note: Significant assay results from select rock chip grab and float samples collected at the CLP Zone show elevated Mo/Cu. Very high level exposure in possible collapsed cupola with intense gypsum stockings.

Sobek Central & North - Stream Sediment Anomalies



Sobek - 2022/23 Exploration & Drill Campaign



Exploration has commenced:

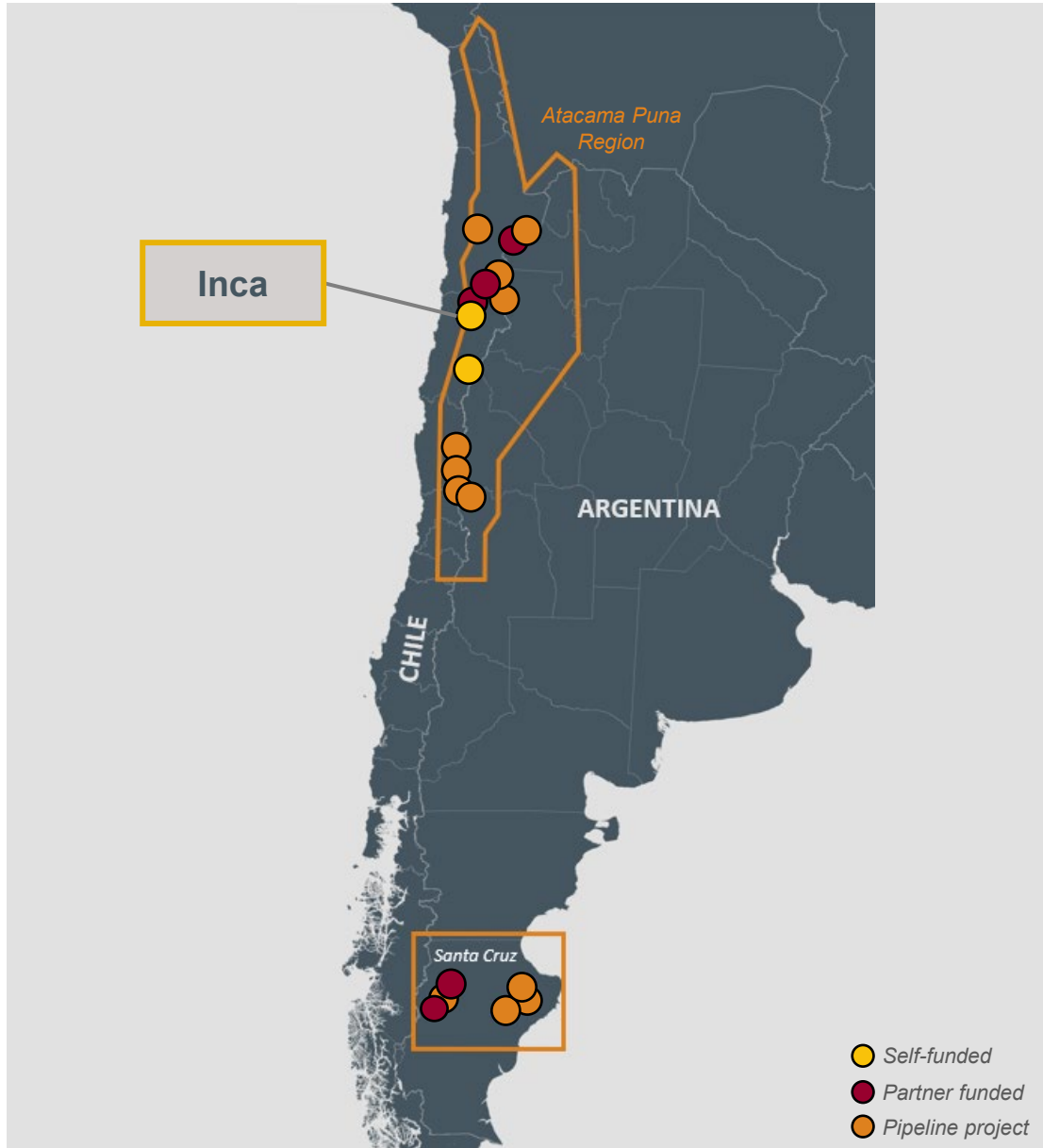
- ✓ Surface access agreements in place
- ✓ Camp set-up, 2100m ASL, 40 minutes to project
- ✓ Crews actively exploring

Plans include:

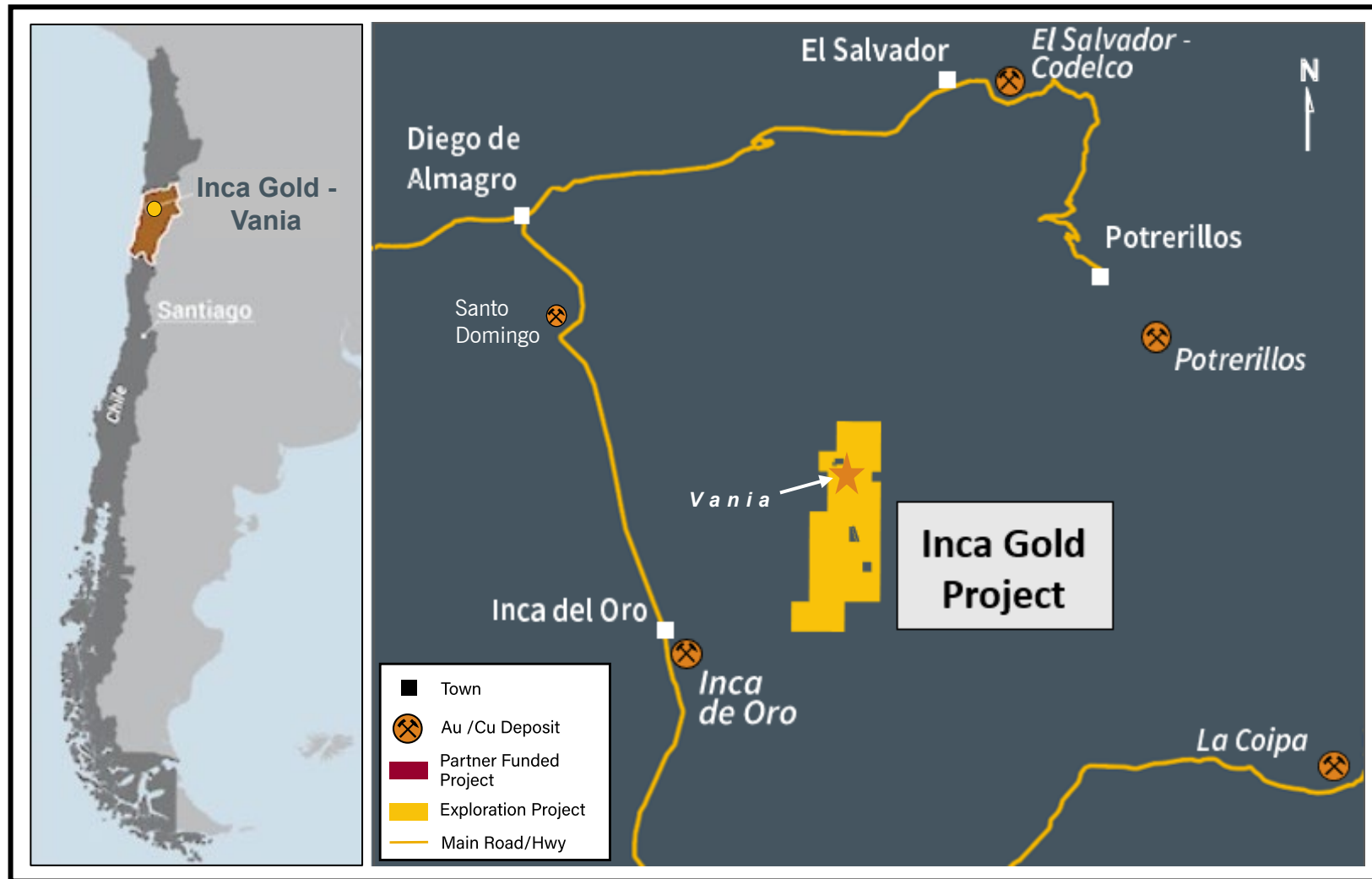
- Sampling (rock, stream, soils)
- Mapping
- Detailed geophysics
- Construction of an access road

→ **Drilling in Q1/Q2-2023**

Inca - Flagship Project - Copper-Gold - Chile



Inca - New Targets Identified

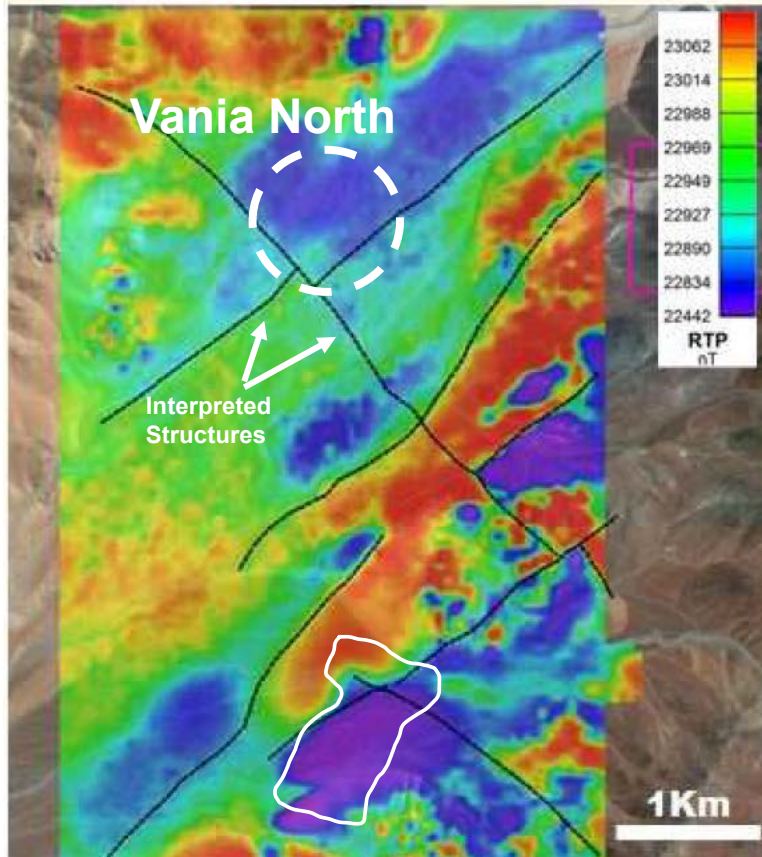


- Paleocene belt of northern Chile
- Large 16,300 ha property
- Earn-in option agreement with Newmont
- Porphyry Copper/IOCG/HSE Gold potential
- Lower elevation (2,000-3,000m ASL)
- Year-round access, mature close-by infrastructure
- Well-endowed, 'world-class' copper district

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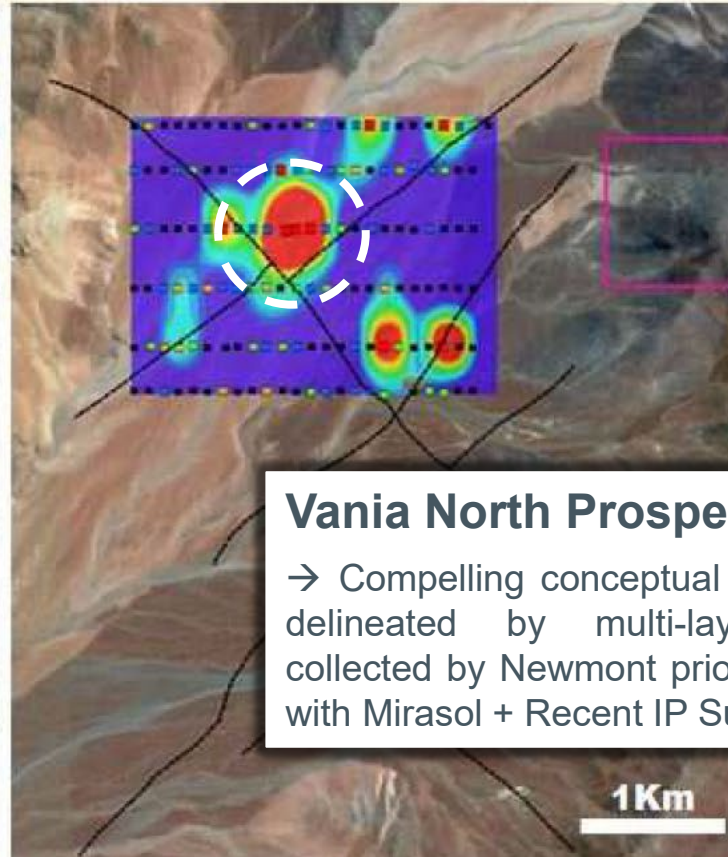
Inca - Vania North – Drill Ready

Coincident ground Mag, IP, with gold and geochemical pathfinder anomalies



Ground MAG – RTP

RTP Ground Mag shows a NE-trending quiet zone (mag destruction) coincident with Au-score anomaly.

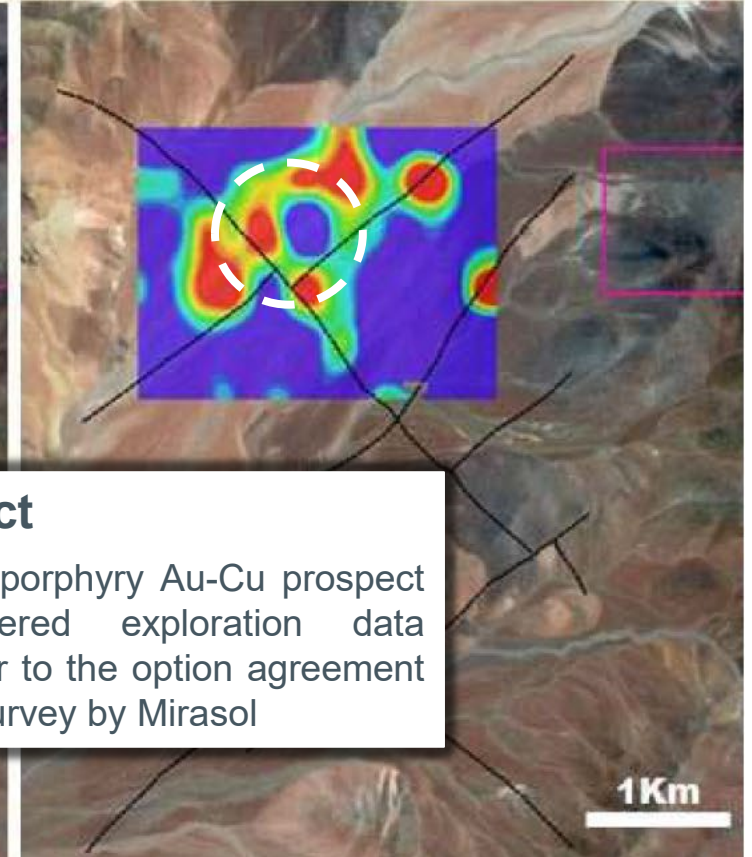


Vania North Prospect

→ Compelling conceptual porphyry Au-Cu prospect delineated by multi-layered exploration data collected by Newmont prior to the option agreement with Mirasol + Recent IP Survey by Mirasol

**Deep Sensing Geochemical (DSG)
Gold Anomaly**

Intersection of NW and NW lineaments coincident with DSG gold anomaly.



**Pathfinder Annular Halo
(Hg, Nb, Cd, Ag, Mo, Ni, As)**

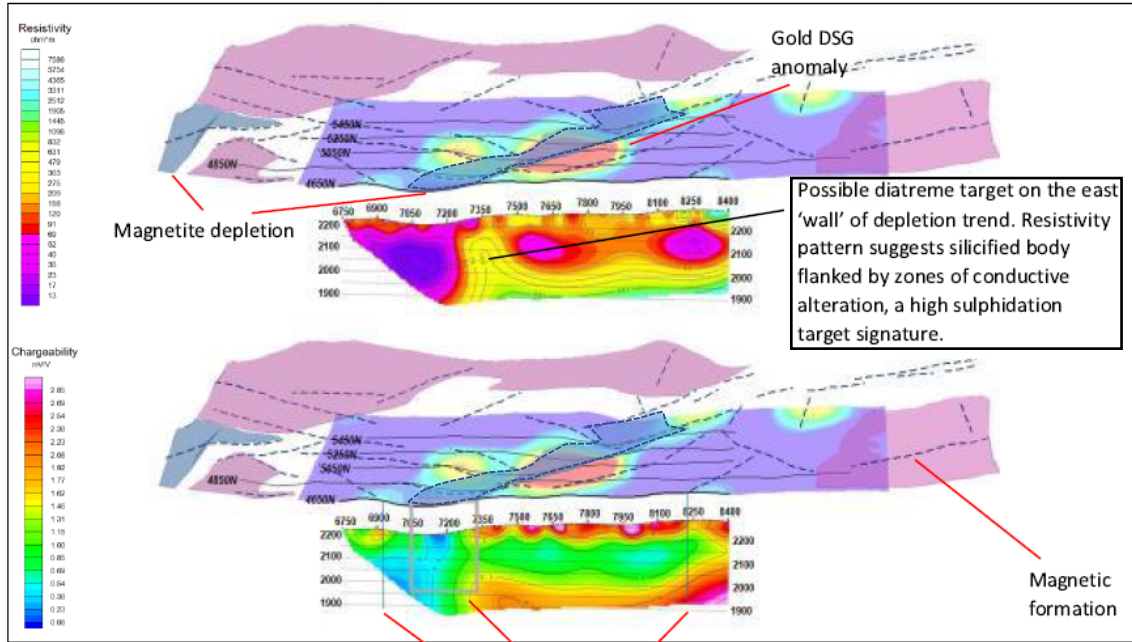
Pathfinder Elements mimics the magnetic “quiet zone” and halos around DSG gold anomaly.

Inca - Vania North – Drill Ready

Electrical IP Pole-Dipole survey detected coincident IP anomalies

PDP Line 4650N

Interpretation composite of PDP Line 4650N with gold DSG and magnetic interpretation

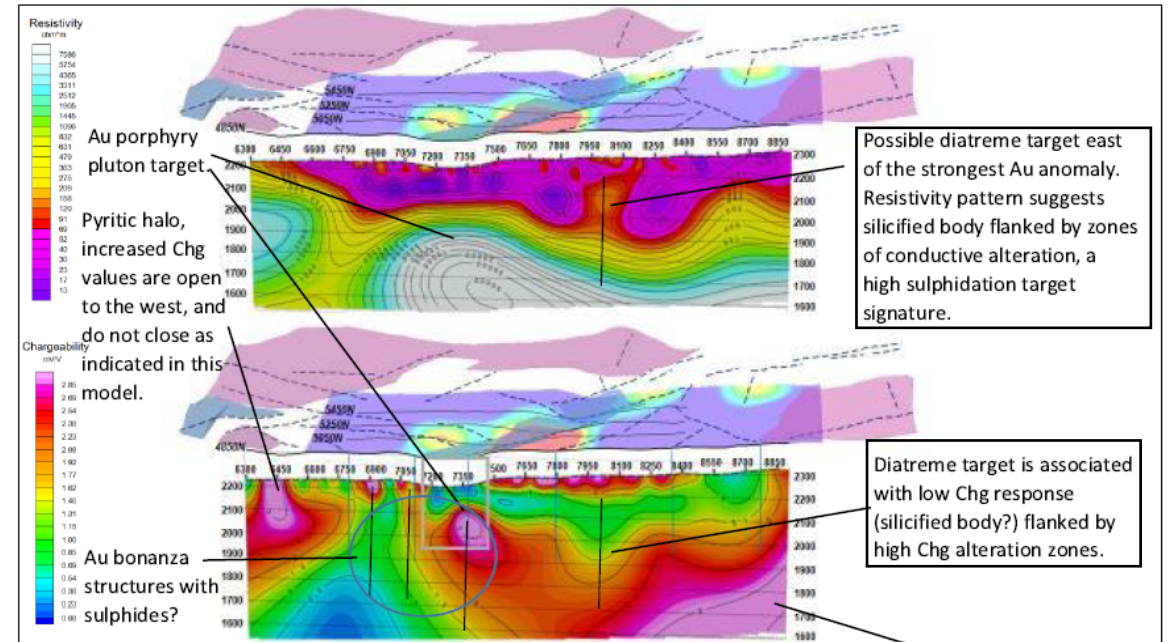


- magnetic fm.
- magnetite depletion
- strong Au DSG
- weak Au DSG
- null Au DSG

Zone of magnetite depletion (grey rectangle) and structures projected from magnetic interpretation

PDP Line 4850N

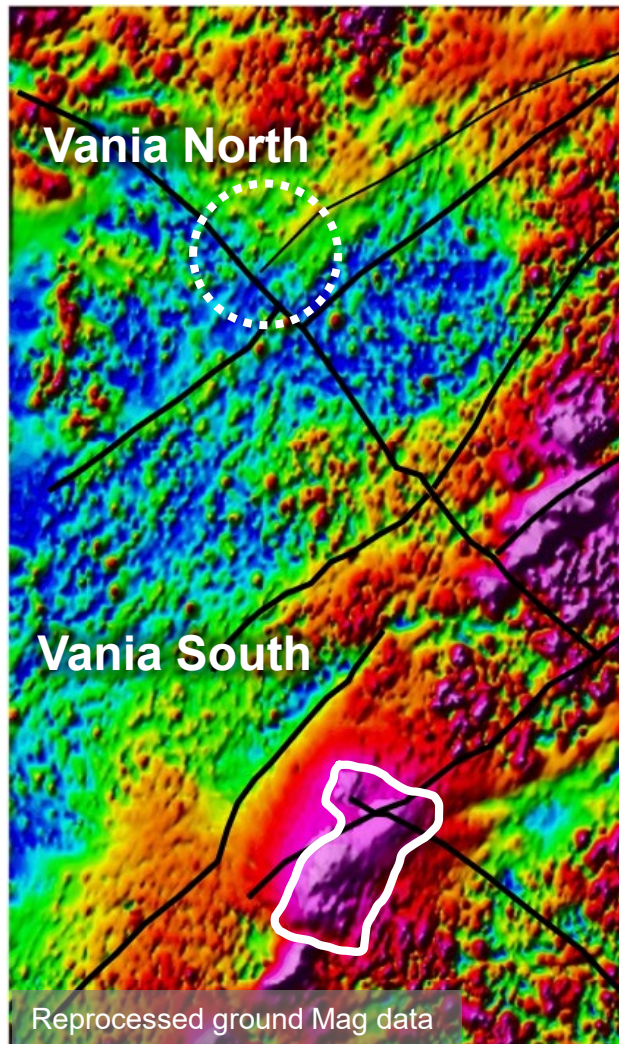
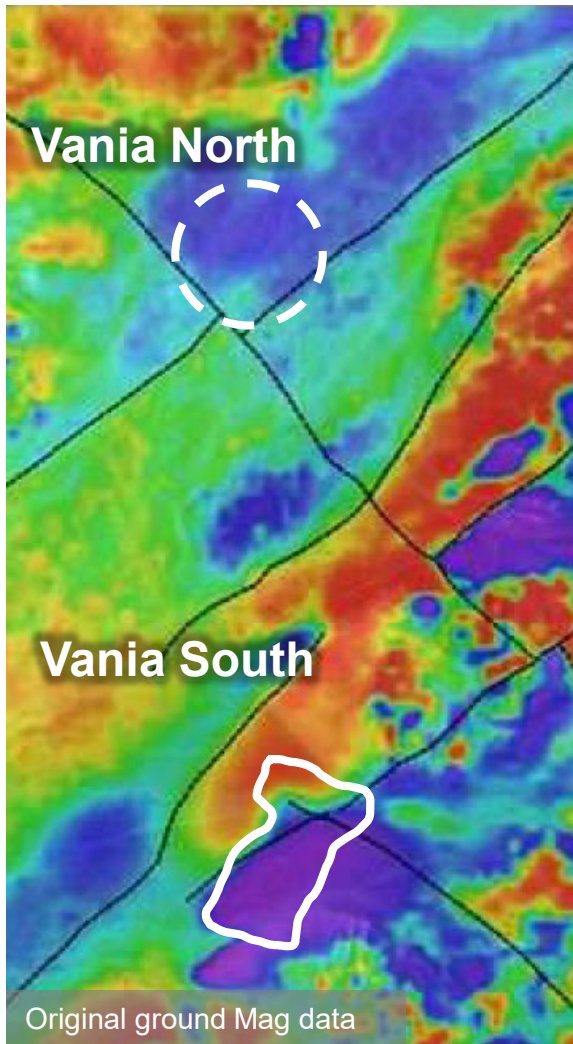
Interpretation composite of PDP Line 4850N with gold DSG and magnetic interpretation



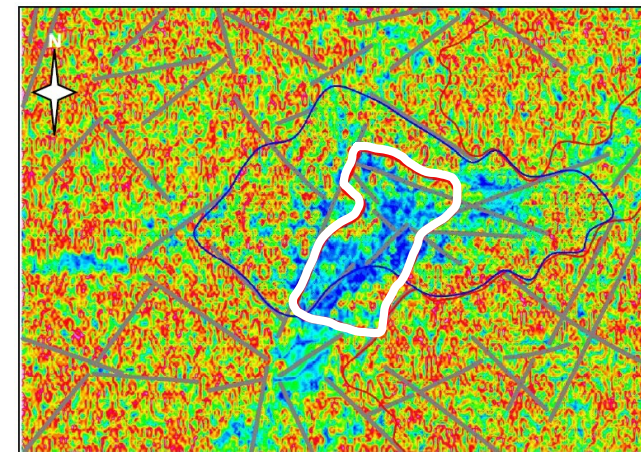
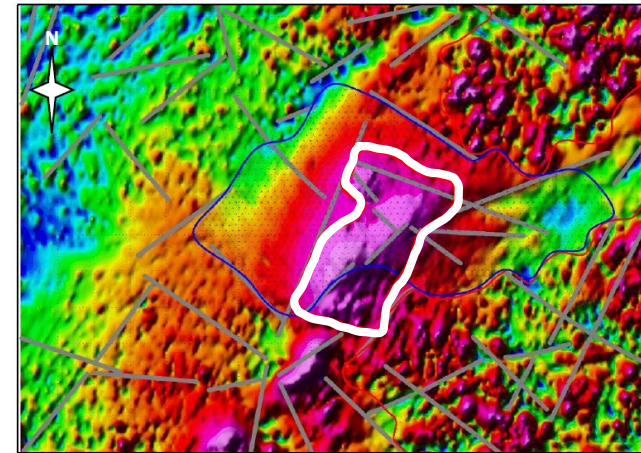
- magnetic fm.
- magnetite depletion
- strong Au DSG
- weak Au DSG
- null Au DSG

Inca - Vania South - **NEW Drill Target**

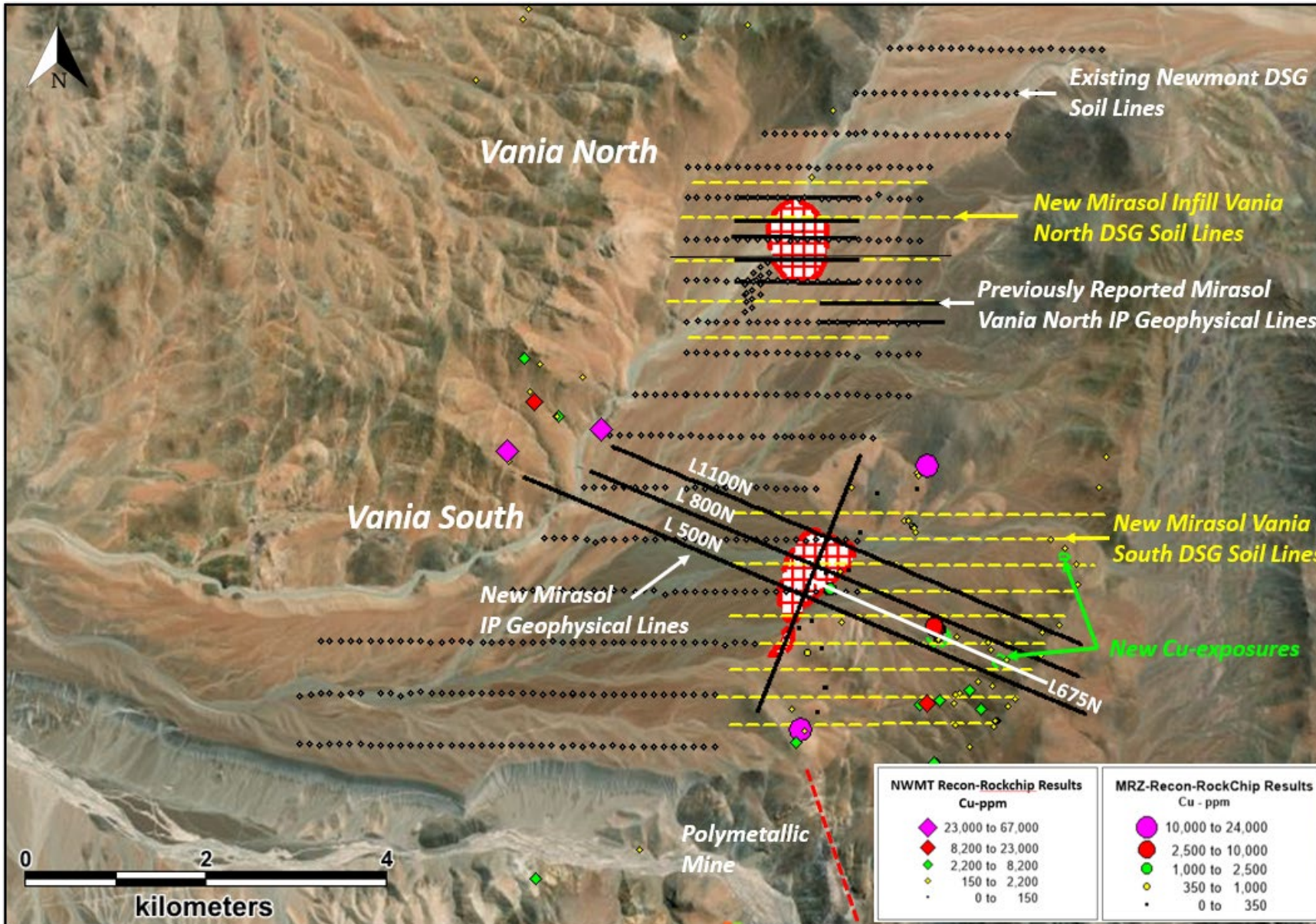
Reprocessed Magnetic Data Identifies Compelling New Prospect



Vania South

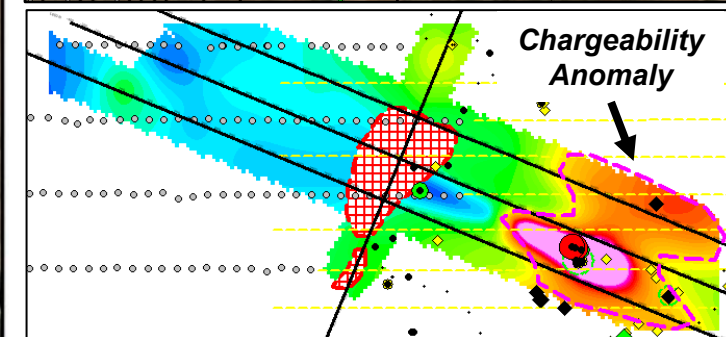
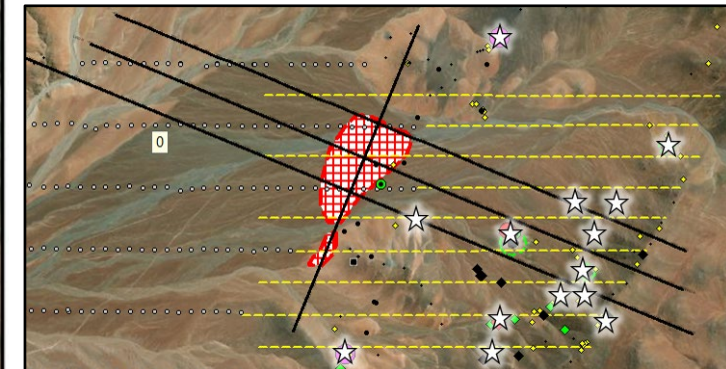


Inca - Vania South - **NEW Drill Target**



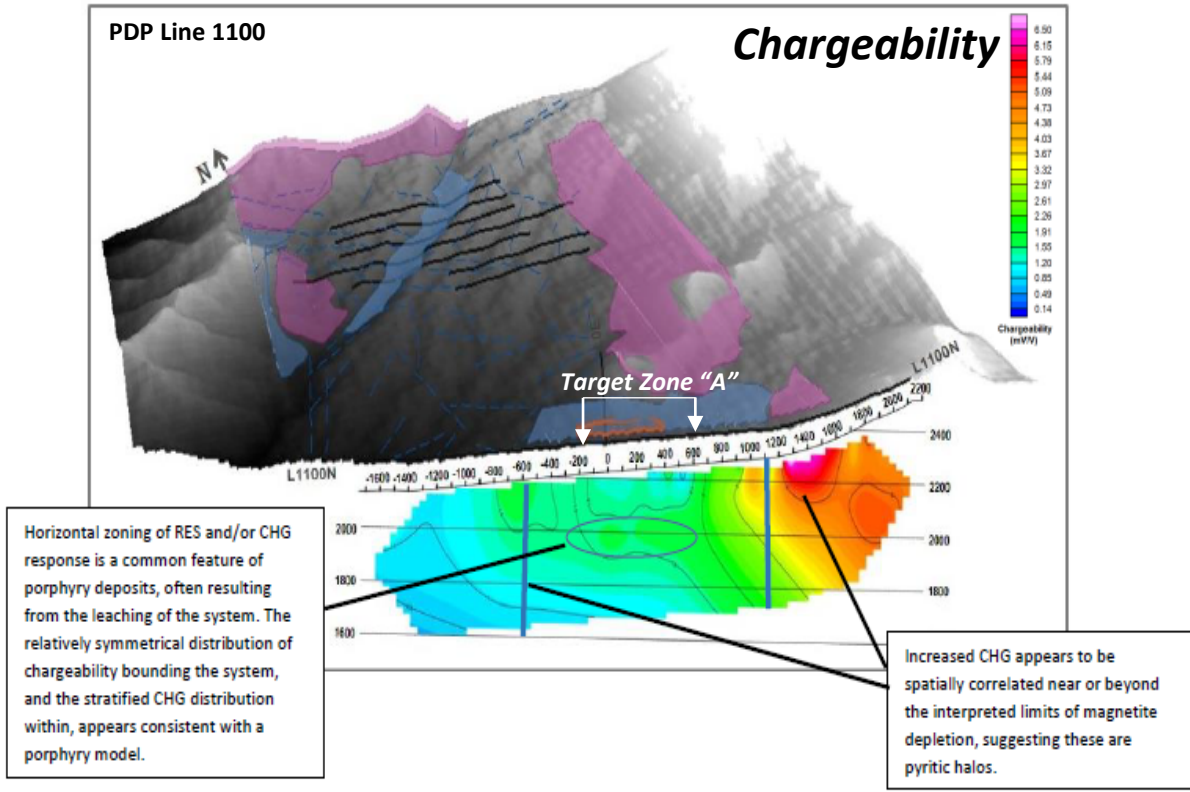
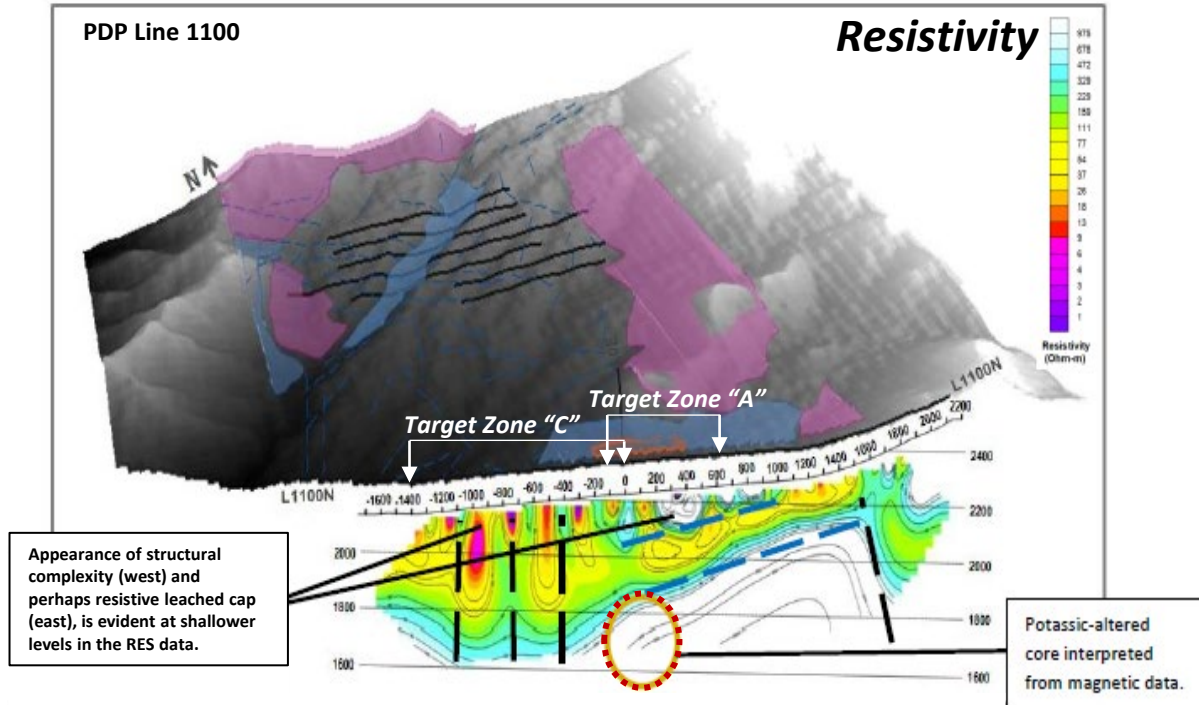
- Grab sample results confirm mineralization
- Geochemical DSG survey completed to finalize drill targets
- IP Surveys completed over Vania North and Vania South

Areas of interest, east of Mag target

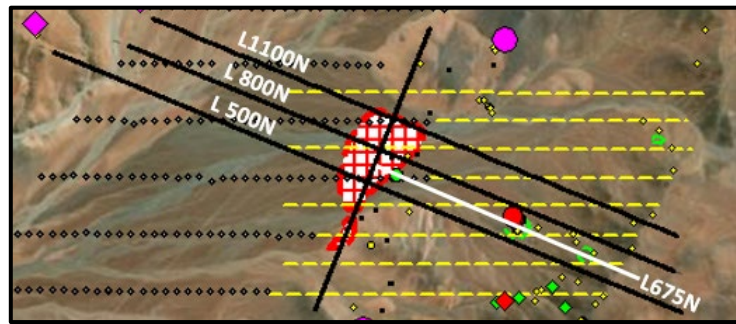


Inca - Vania South - **NEW Drill Target**

Electrical IP Pole-Dipole survey detected coincident IP anomalies

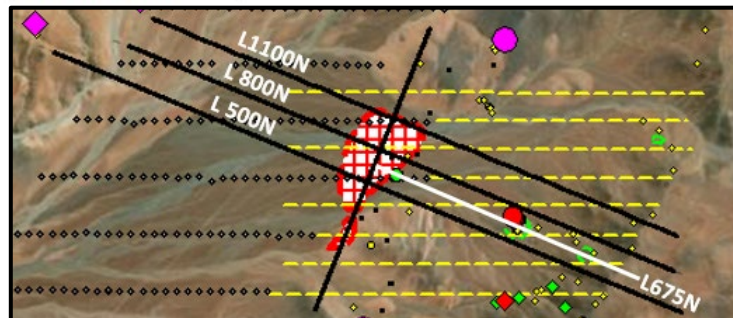
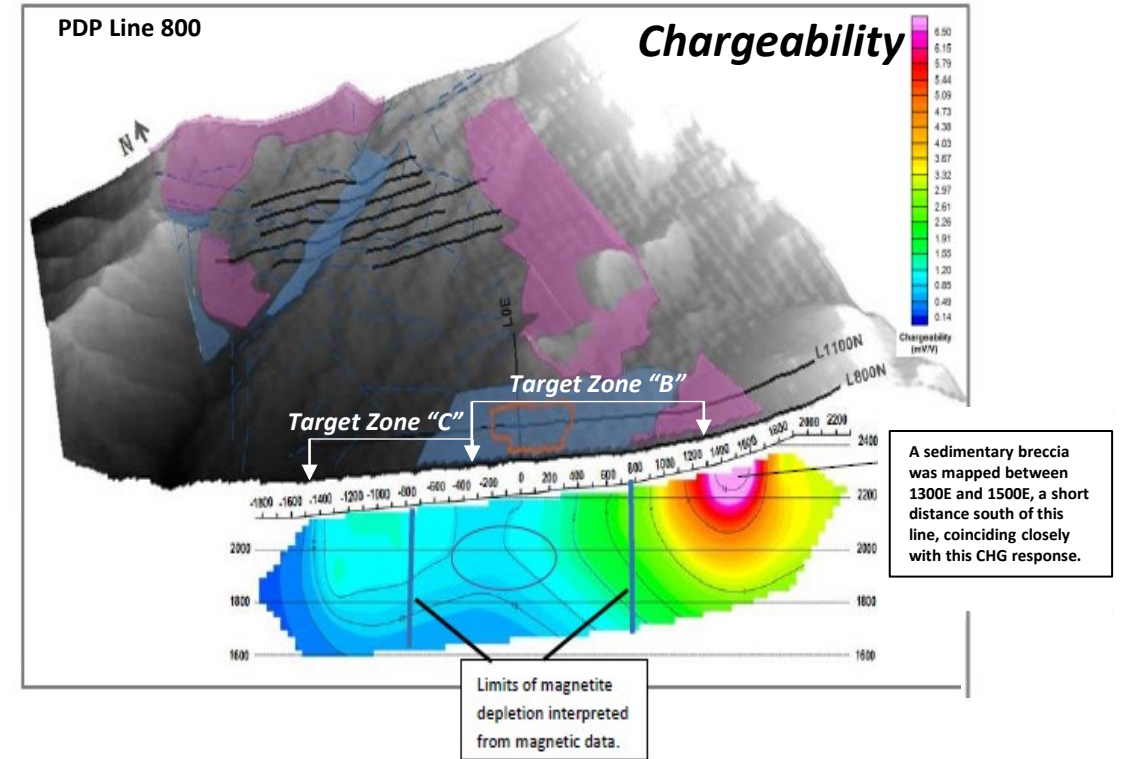
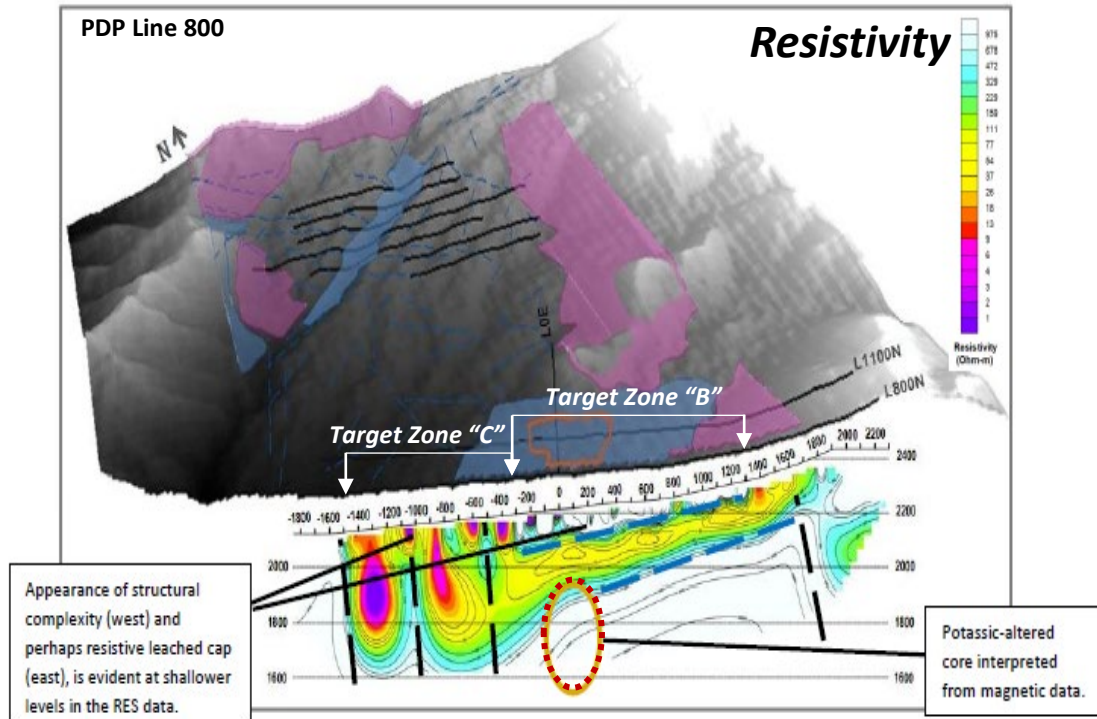


Note: Interpretation of composite of PDP Line 1100N with topography and magnetic interpretation.



Inca - Vania South - **NEW Drill Target**

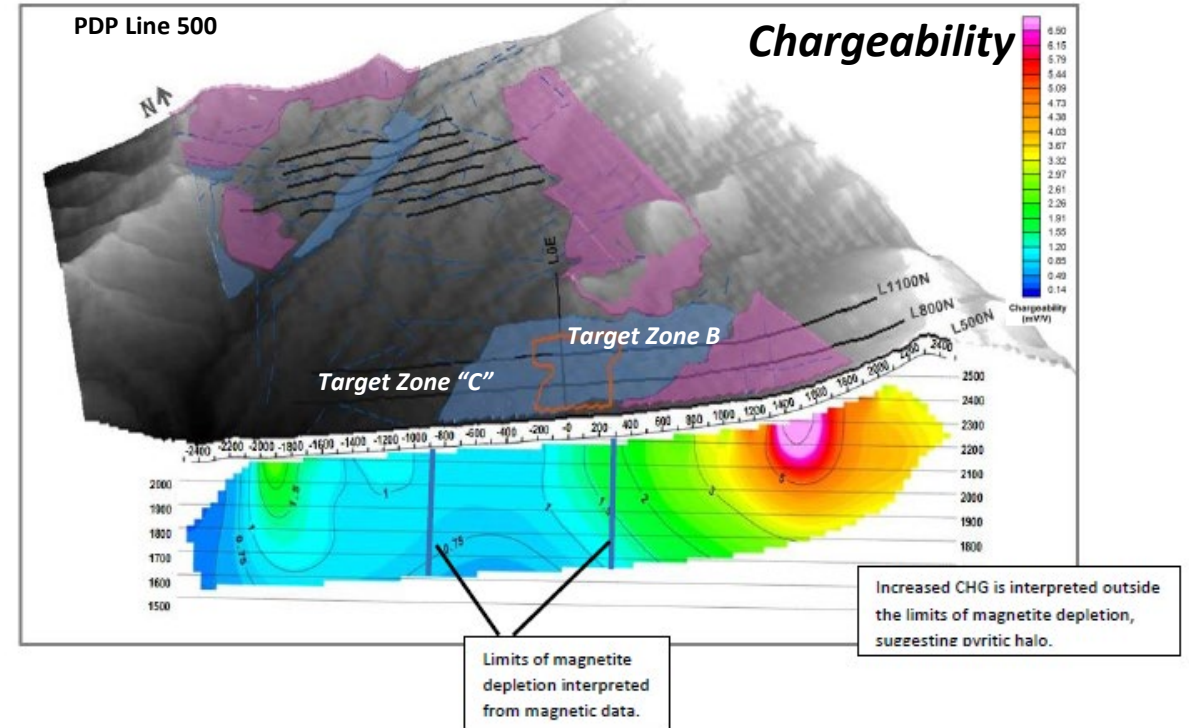
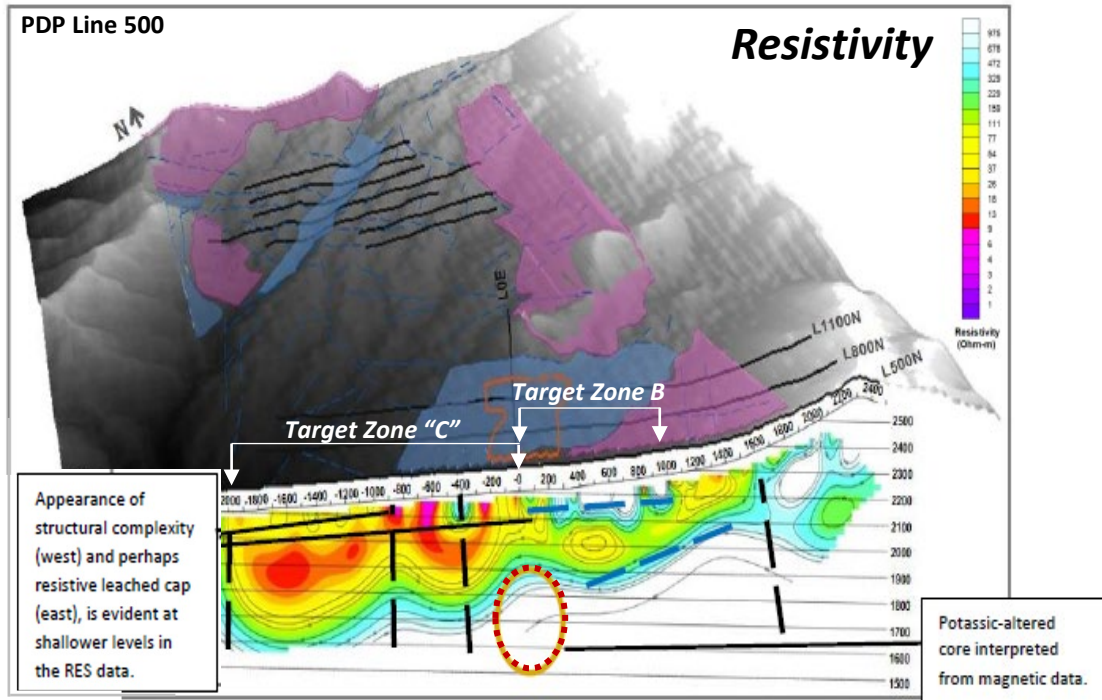
Electrical IP Pole-Dipole survey detected coincident IP anomalies



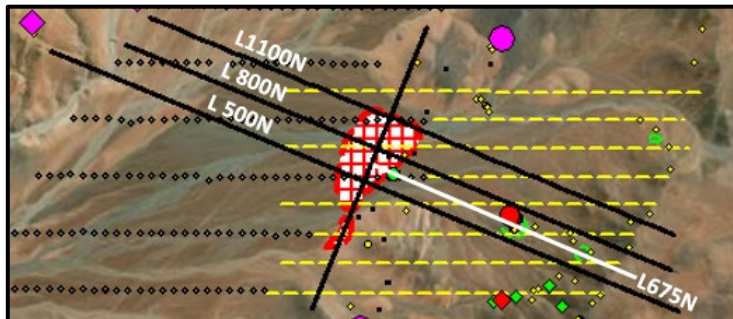
Note: Interpretation of composite of PDP Line 800N with topography and magnetic interpretation.

Inca - Vania South - **NEW Drill Target**

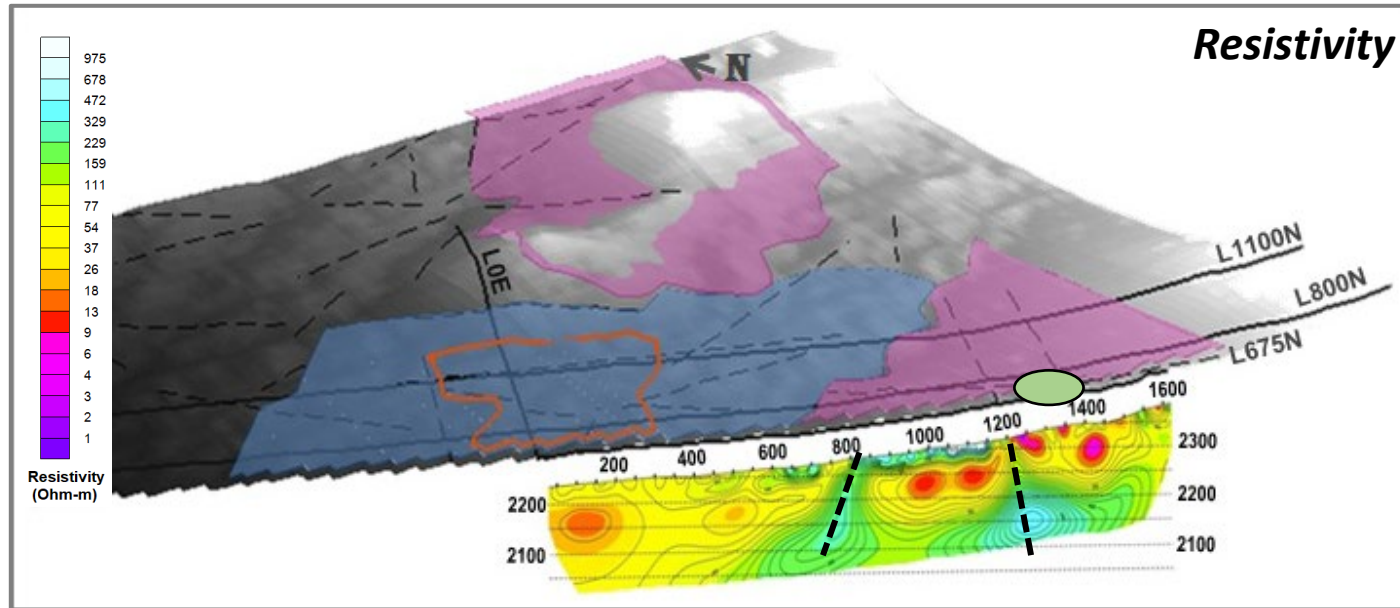
Electrical IP Pole-Dipole survey detected coincident IP anomalies



Note: Interpretation of composite of PDP Line 500N with topography and magnetic interpretation.

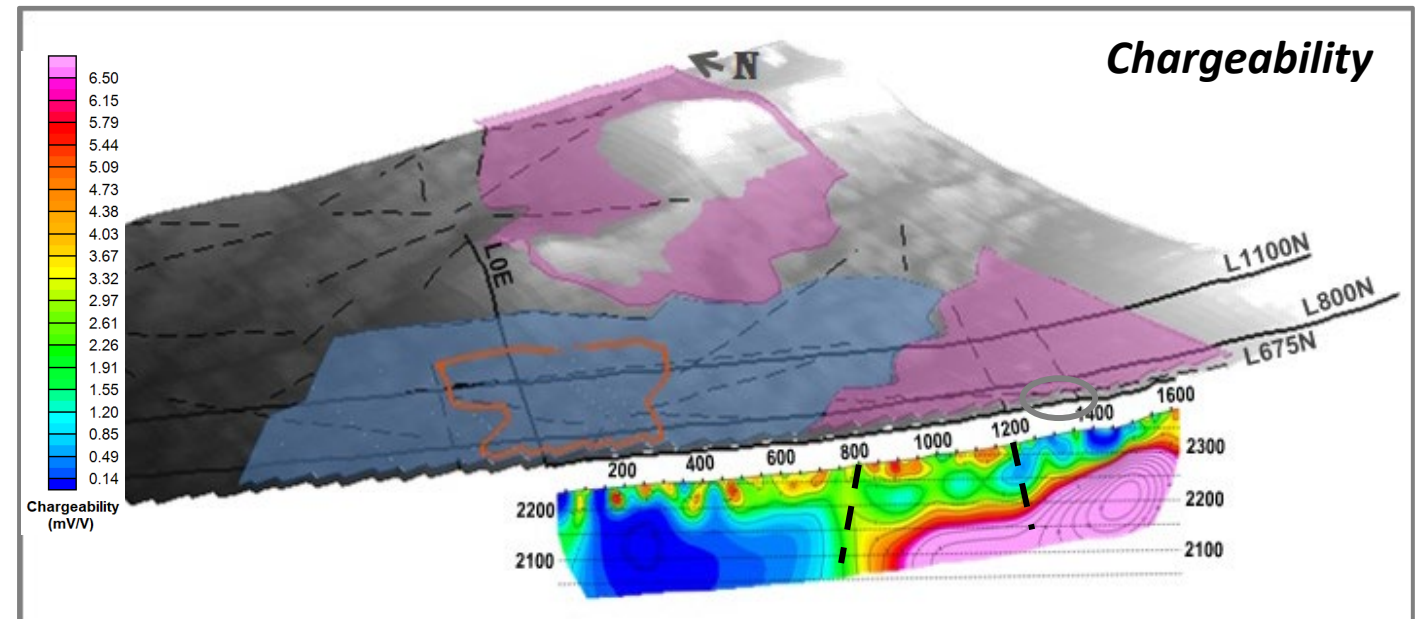
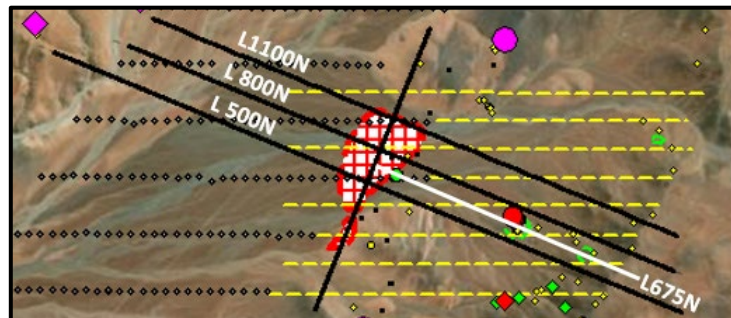


Inca - Vania South - New Mirasol 50m Pole-Dipole Line



Line 675N lacks adequate depth of investigation to test for a porphyry target, but the shorter (50 m) dipoles are capable of resolving structures better than the long-dipole PDP lines. The line was situated to cross the mapped sedimentary breccia, which appears to be associated with zone of strongly decreased resistivities, which may indicate acid-sulphate alteration.

Note: Interpretation composite of detail line 675N with topography and magnetic interpretation



Inca - 2022/23 Exploration & Drill Campaign



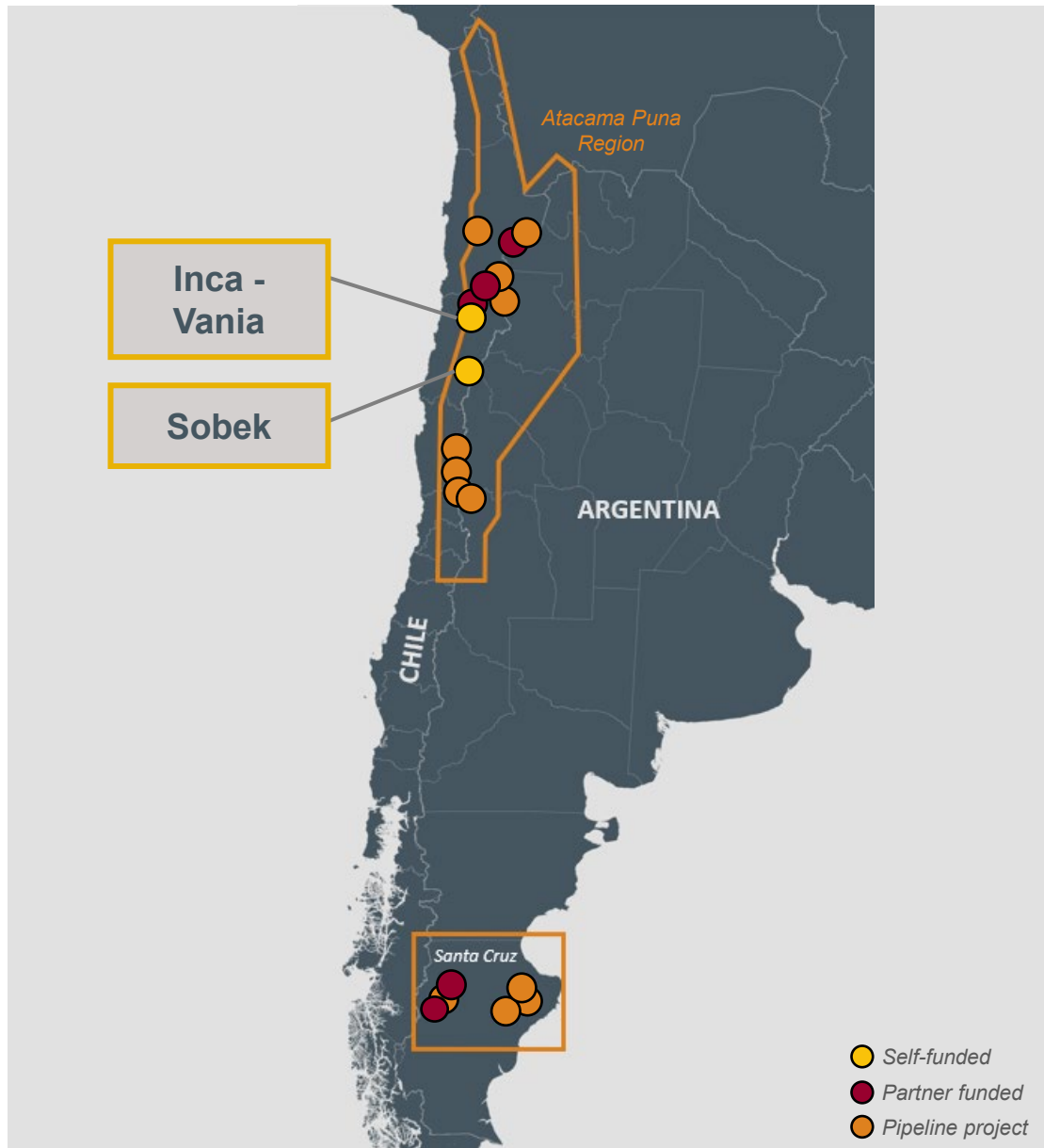
Exploration completed to date:

- ✓ Detailed IP geophysical survey complete
- ✓ Soil (DSG) and rock chip sampling complete
- ✓ Surface follow-up of anomalies

Plans include:

- Integrate results from sampling
- Field follow-up on pending results
- Prioritize drill targets
- **Drilling in early Q1-2023**

Project Portfolio Overview



Two Mirasol-funded projects

Four partner-funded projects

Strong pipeline of early and mid-stage projects

Exploration Partners:



Upcoming Catalysts

- Soil (DSG) sampling and recent rockchip sample results from Inca
- **Drilling Inca Q1 2023**
- Sampling results from Sobek
- Sobek detailed geophysics results
- **Drilling Sobek Q1/Q2 2023**



FOCUSED ON MAKING
“THE NEXT DISCOVERY”
in CHILE and ARGENTINA

BY
DEFINING AND DRILL TESTING
MULTIPLE QUALITY EXPLORATION PROJECTS
THROUGH
SELF-FUNDED AND PARTNERED
EXPLORATION

QUESTIONS



Inca Project, Chile

TSX-V: MRZ ■ OTCPK: MRZLF





Sobek Project, Chile

TSX.V: **MRZ**

OTCPK: **MRZLF**

For Further Information:

Tim Heenan, President

Troy Shultz, VP Investor Relations

Tel: (604) 602 9989

Email: contact@mirasolresources.com

Website: www.mirasolresources.com



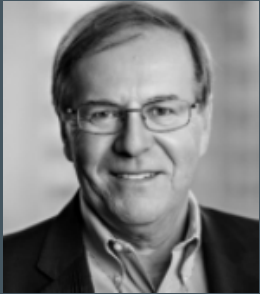
Company Overview



- 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 gold, silver and copper 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
- Pending drill and exploration results from 21/22 programs
- Planning extensive exploration and drill programs for 22/23 field season

TSX-V: MRZ ■ OTCPK: MRZLF

Board of Directors



Patrick Evans

Executive Chair

- Appointed to the board in 2016
- Over 20 years of senior management experience in various public mining companies



Nick DeMare

Director

- Chartered Professional Accountant
- Over 30 years of accounting, management and securities regulatory compliance experience



Tim Moody

Director

- B.Sc. in Geology and Geophysics
- Over 30 years of experience in the mining industry, with expertise in mineral exploration, resource assessment, business development and corporate strategy



Diane Nicolson

Director

- B.Sc. in Geology and a PhD in Economic Geology
- Over 20 years of experience in mineral exploration especially in Latin America



John Tognetti

Director

- Over 30 years of experience in the finance industry
- Leading financier of the global resource sector

Management Team



Tim Heenan
President

- Over 30 years of exploration experience in Central and South America
- Involved in several high-profile projects including the famous Cerro Negro Mining District in Argentina



Troy Shultz
VP Investor Relations

- Over 15 years of investor relations experience in the mining industry



Carmen Cazares
Chief Financial Officer

- Chartered Professional Accountant
- Broad operational and accounting background with more than 30 years of experience

Share Structure and Treasury

Conservative Share Structure	Shares Outstanding	Shares Fully Diluted	Market Capitalization
	54M	58M	~C\$30M
Well Funded	Cash	Shares	
	~C\$5.1M	~C\$0.36M 10.37M shares of Silver Sands Resources (CSE:SAND) at \$0.035	
➤ Insiders Holding: 32%			

Cash position as at September 30, 2022