

Mirasol: New Discoveries. New Horizons.

Realized Value from Joaquin Discovery and Rapidly Advancing New Discoveries in Chile

MIRASOL RESOURCES LTD

Mary Little, President and CEO

**Silver Summit Zurich
November 4-6, 2013**

Presentation: 11:50 a.m. November 5, 2013 in Room II

TSX-V: M

mirasolresources.com

TSX-V: MRZ

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y with respect to project risks. Forward looking statements appearing in this presentation represent managemen
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Mirasol Investment Highlights

Track Record: Explorer partner of choice

Monetized project generation success with sale of **Joaquin** project for US\$60M in stock (value of US\$1.36 per share)

Advancing organic discoveries in Chile and Argentina.

Well Funded: Strong long-term financial position

August 2013 cash position¹ ~C\$21.5M

Marketable securities (Coeur shares) ~US\$17M²

Fiscal 2013-14 exploration program ~C\$7M (70% in Chile)

Low G&A³ and burn rate, excluding exploration, of <C\$0.4M/quarter

No debt

Integrity & Innovation:

Experienced & strong Board, management & exploration team

Cutting-edge technology using satellite and remote sensing (ASTER) to identify alteration

Strategic Focus: Dominant early-mover position in prime districts

MRZ has identified 2 anomalous prospects and established 7 other properties in a new district of Northern Chile

Delivering Value to Shareholders

Ticker Symbol	TSX-V: MRZ Frankfurt: M8R
Shares Outstanding (September 30, 2013)	44,155,661
Options	3,727,800
Warrants ¹	2,200,000
Fully Diluted Shares (September 30, 2013)	50,083,461
52-week Low/High	C\$1.00/C\$2.65
Market Capitalization ²	~C\$50M
Cash ³	~C\$21.5M
Marketable Securities (Coeur NYSE:CDE)	1.31M shares (US\$17M)
Closely Held – Insiders/Founders	9%
Major Shareholders	Sprott Asset Management, US Global Investors, AGF Investments, John Tognetti, chairman of Haywood Securities

5 equity financings since May 2005 IPO; last private placement was Dec. 2012

1. Issued in two tranches: 1,000,000 warrants at C\$1.30 and C\$2.30 exercise prices. Warrants expire December 30, 2013.

Management and Board

Ray L. Little, *President, CEO, Director and Founder* – M.Sc., MBA, 25+ years as CEO, geologist, analyst and country manager for major mining companies, 15 years in South America.

Stephen C. Nano, *V.P. Exploration and Founder*, B.Sc. (Hons.) – 25+ years in exploration and mining management and consulting roles in Latin America, Asia Pacific & Central Asia for major mining companies.

Timothy W. Heenan, *Exploration Manager, Director and Founder* – B.Sc., 25+ years as exploration geologist and program manager throughout the Americas, with small and large mining companies.

Michael G. Lhotka, *Principal Geologist*, Ph.D., P. Geol. – 25+ years in exploration as technical and country manager and Qualified Person with 15 years experience in Latin America

Mark DeMare, *Independent Director*, CA – President and founder of Chase Management Inc. and board member of several TSX and Venture-listed companies.

Stephen W. Putnam, III, *Independent Director*, M.Sc. – Resource investment fund manager for the last 16 years and previously regional exploration manager for several multi-national precious metals companies.

Announced Dec. 11, 2012 - Closed Dec. 21, 2012

Strategy: Divested project in Argentina to balance geo-political risk, focus on Chile, and secure long-term exploration funding

Efficient Execution: Quick execution of deal. 11 days from announcement closing on Dec. 21, 2012.

Terms: US\$60 million as \$30M cash + \$30M in shares (1,310,043 NYSE Coeur shares.) Cash component for half of the price.

- Coeur purchased Mirasol's 100% owned Argentine subsidiary

Discovery leverage: Board and Management expects MRZ's investment exploration to leverage further project generation opportunities, creating growth value for shareholders

MRZ is now well-funded for the long-term, enabling future growth

Joaquin Sale: Recent Comparable Deals

	Target Project	Seller	Acquirer	% Owned	Price (US \$ M)	US Eq
1	ECU, Mexico	ECU	Golden Minerals	100%	312	
2	San Jose Mine, Mexico	Minera Andes	U.S. Gold	49%	763	
2	Cerro Moro, Argentina	Extorre	Yamana Gold	100%	402	
2	Joaquin	Mirasol	Coeur Mining	49% 39%	60	
3	La Preciosa, Mexico	Orko	Coeur Mining	100%	385	



Mirasol Chile Programs

Mirasol Santa Cruz Programs

Unique position:

- Well funded & primed with large portfolio of high calibre projects
- De-risking and delivering returns through Hybrid Project Generation JV model
- Quality projects continue to attract major producers for JVs
- Discovery-focused management with growing list of discoveries
- Complementary deposit styles in 2 countries

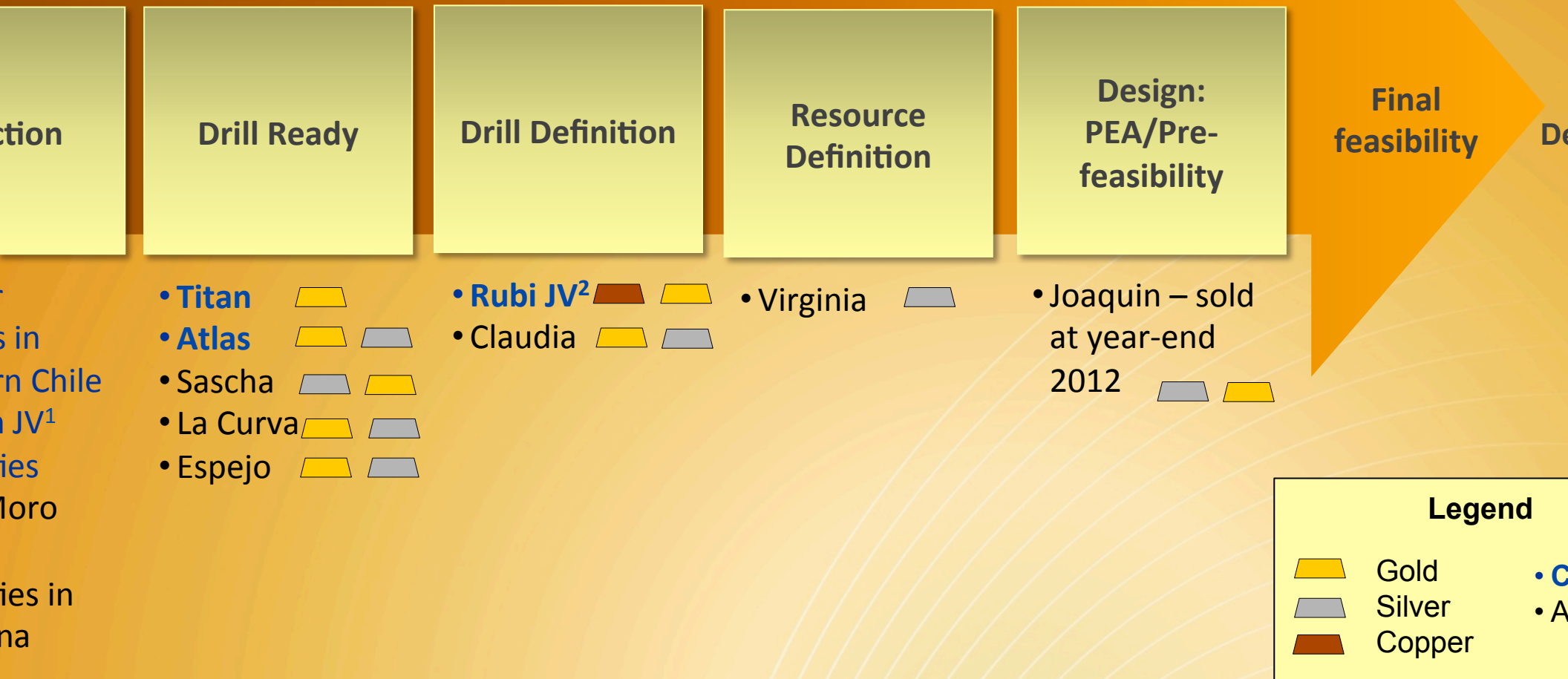
Chile:

- 10 new projects & expanding.
- Focused on Mio-Pliocene gold deposits.
- Rubi Copper-Gold project optioned to First Quantum Minerals

Argentina:

- Many properties.
- Deseado Massif epithermal high grade vein & bulk mineable
- Focused on JV model to minimize financial exposure.
- Positioned for counter-cyclical opportunities.

De-risking and increasing confidence



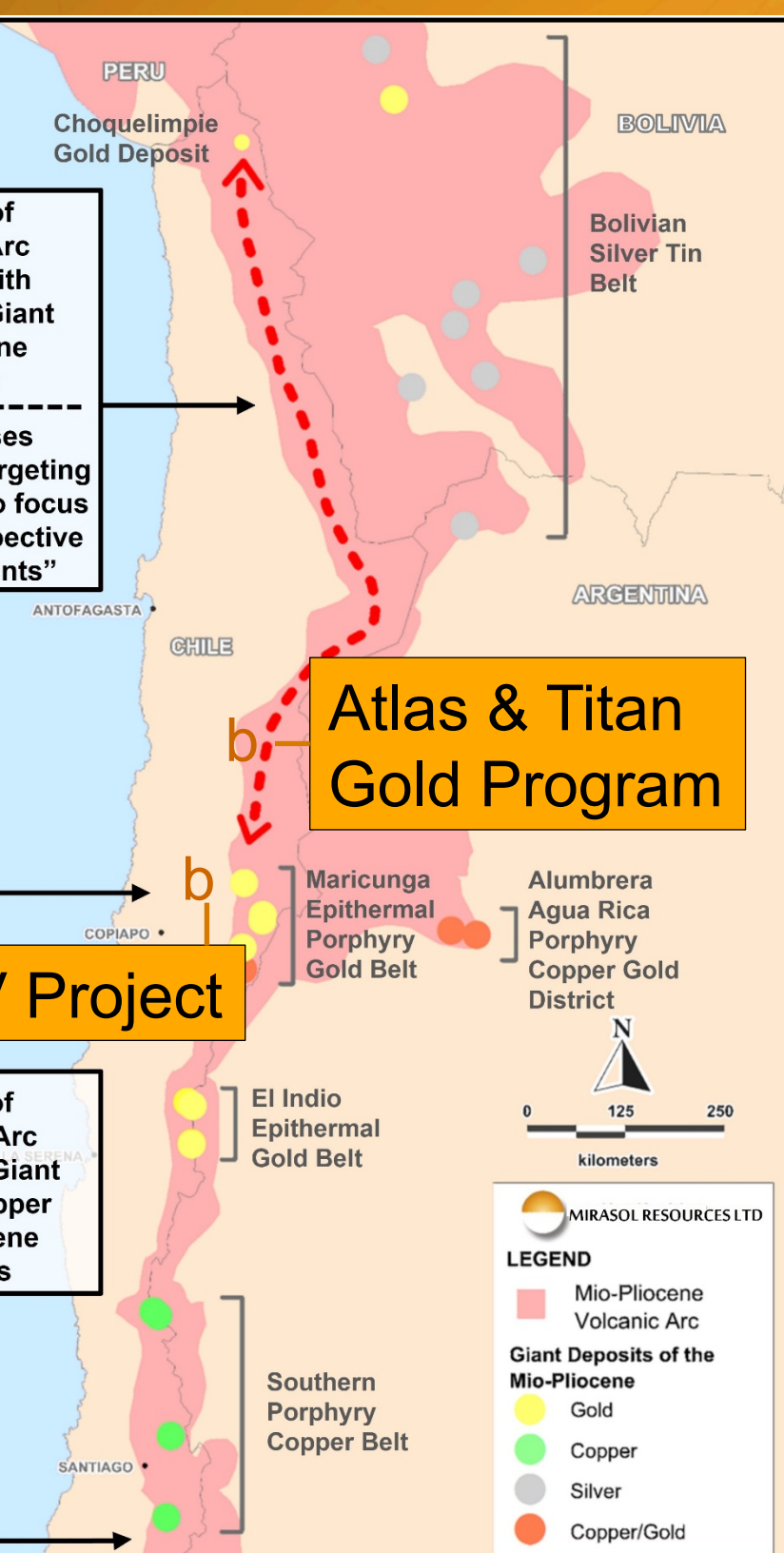
... private Chilean company. JV agreement was signed in December 2012 and requires no cash payments from MRZ. MRZ is earning into ... 51% with first year exploration expenditures of \$300,000.

... announced in MRZ's news release of Sept. 18, 2013, First Quantum is earning into a 55% interest by expending US\$6.5M over four years (to ... 2017) and will pay staged cash payments totaling US\$1.1M. First Quantum can then earn into 65% by completing a NI 43-101 compliant ... ce estimate and Preliminary Economic Assessment on a minimum resource size of 1 million tonnes of contained copper. First Quantum

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Chile: Mio-Pliocene Arc / Rubi





- Re-entered Chile 3 years ago after 2006 acquisition of Rubi copper-porphyry target
- Diversify sovereign and geological risk
Giant Mio-Pliocene gold deposits
- Discovery of the Atlas gold-silver target and Titan gold system
- Early success: Identified 9 wholly-owned projects. Potential for new gold distribution
- Excellent access and manageable altitude
- Dynamic exploration in underexplored region

New JV with First Quantum

Strategy: Achieved another JV with a senior partner on Mirasol's 100% owned Rubi property

Terms with First Quantum:

- First Quantum to invest US\$6.5 million in exploration over 4 years to earn 55% interest
- First year exploration commitment of US\$1.5 million including magnetic survey and 3,000 meters of drilling
- US\$1.1 million in staged cash payments to MRZ with \$50,000 upon signing of definitive agreement expected in December 2013
- After 55% earn in, First Quantum may increase to 75% interest by declaring a "decision to mine" and will provide mine financing to MRZ, if requested by MRZ, at LIBOR +4%

Rubi's potential:

- Located in the premier porphyry belt of northern Chile, which hosts many world-class copper deposits such as El Salvador, Potrerillos and Inca Del Oro
- MRZ identified a number of drill targets including a 9 sq km Lithocap prospect of anomalous copper molybdenum and gold geochemistry, porphyry stockwork zone at Portezuelo, and the gold-silver vein target at Quebrada del Salado.

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Titan Gold Project, Chile



Titan Project: Attractive Attributes

Interest: 100% MRZ

Location: Favorable access and logistics – 4,200 meters elevation

Size: 5,500 hectares

Background: Titan was the first of several gold properties discovered in a new, emerging area

Structure: Trenching results indicated large gold anomalous systems

- Coincident geophysical IP signatures support high-sulfidation gold systems like La Coipa, Veladero, Pierina and Yanacocha

- Trench results highlights: 31m at 1.36 g/t gold and 10m at 2.13 g/t gold

Exploration outlook: 3,200 meter RC drill program completed June 2013 on several targets

- New JV¹ increases exposure to additional 30,000 hectares north of Titan

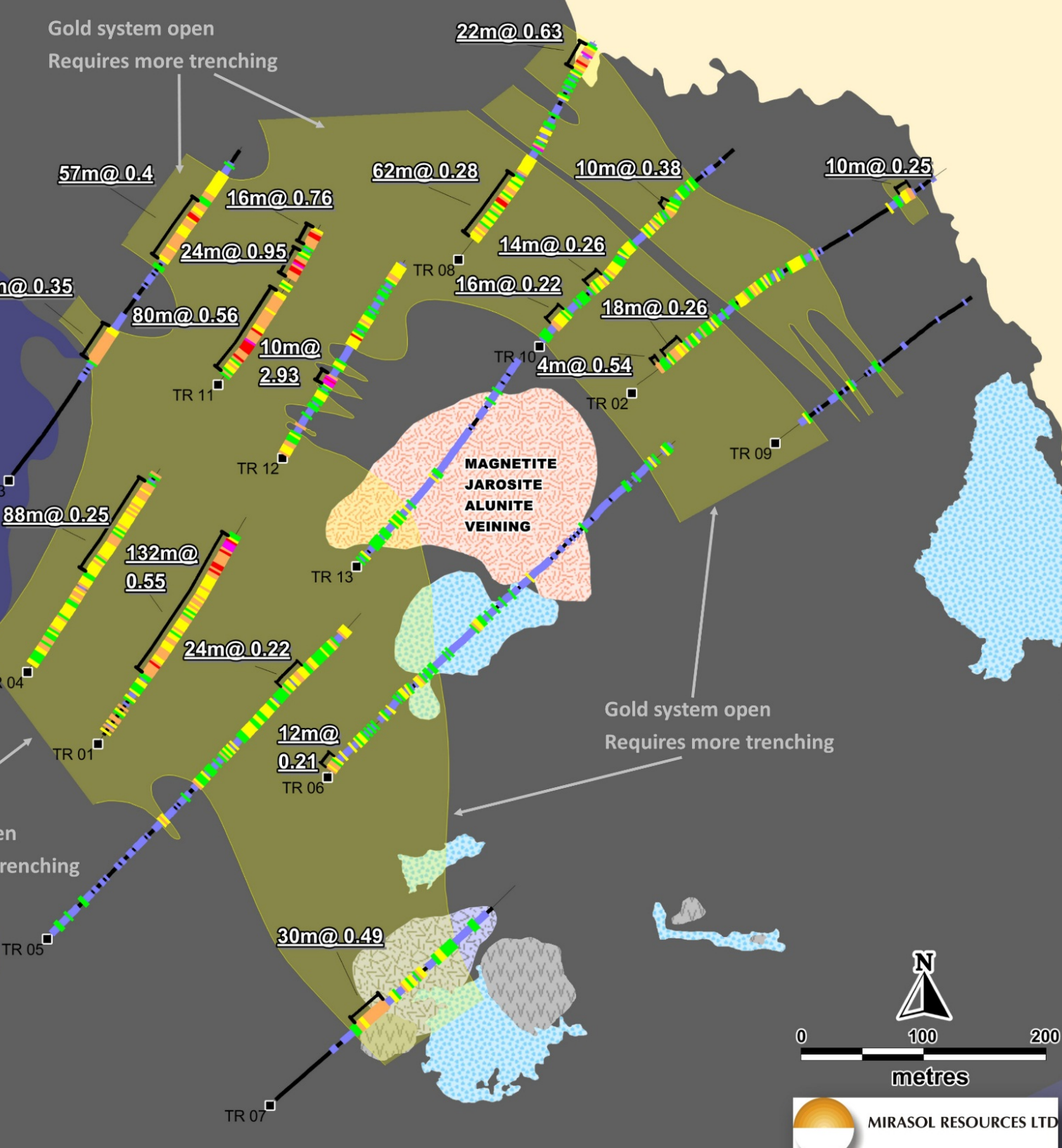


ject Trenches



Titan
Alteration in trench

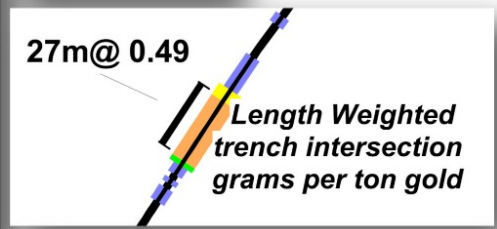




- Large high-sulfidation epithermal (HSE) gold
- New gold belt?
- Large surface foot print
- Dual target HSE / porphyry copper suggested

Trench Samples
Gold g/t

BDL	to 0.01
0.01	to 0.05
0.05	to 0.1
0.1	to 0.25
0.25	to 1
1	to 2
2	to 17.5



- Legend**
- Trench Collar Number (TR ##)
 - Post Mineral Ignimbrite Scree
 - Post Mineral Andesitic Colluvium
 - Post Mineral Andesitic Flow
 - Late Syn Mineral Domes
 - Magnetite, Jarosite Alunite Veining
 - Chalcedony/Opal Blanket
 - Phreatic Breccia
 - Altered Andesitic Host Sequence

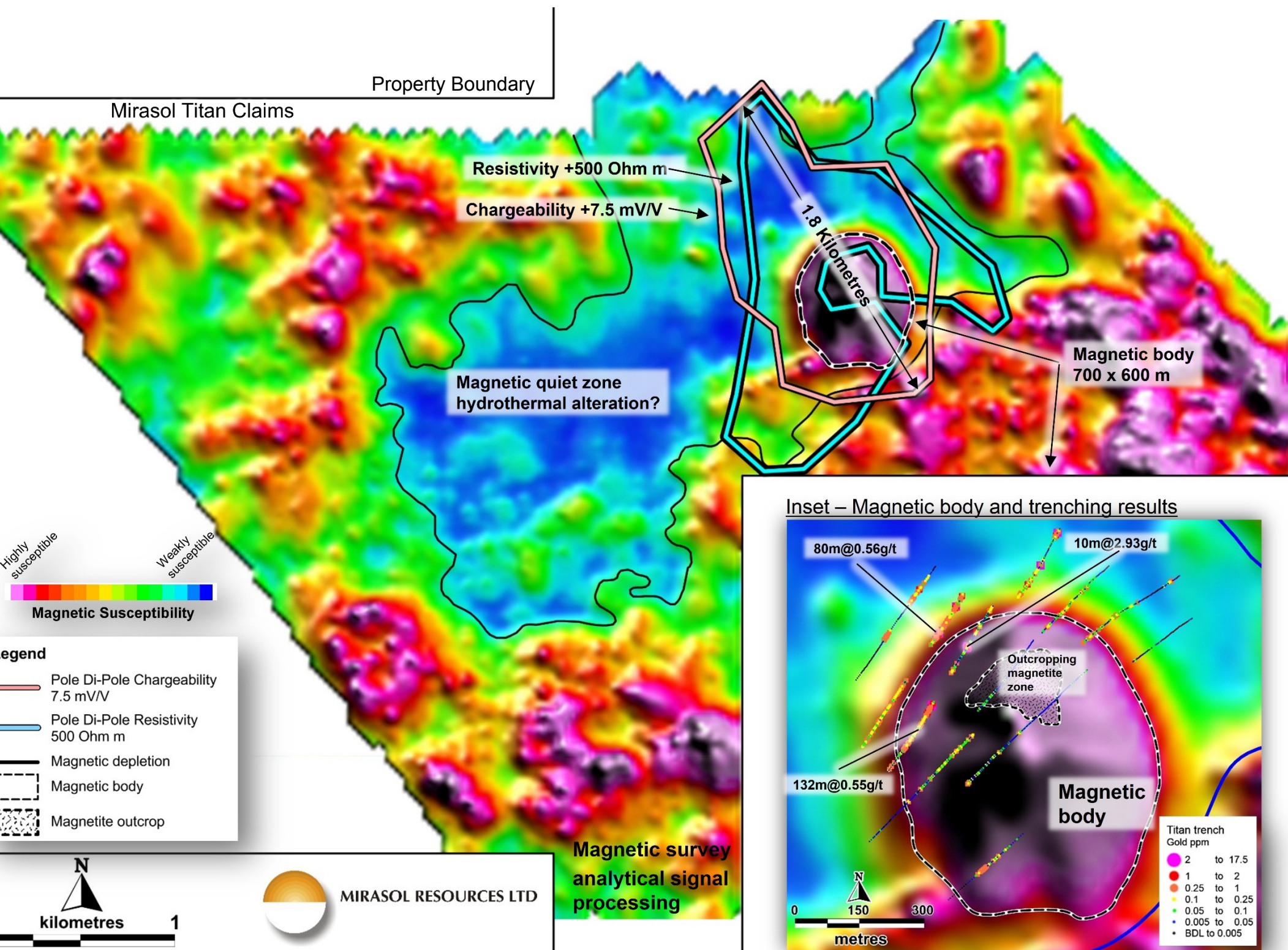


Figure 1 – Titan Project. Ground magnetic survey showing buried magnetic body and magnetic quiet zone

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Atlas Gold-Silver Project, Chile



Atlas Project - Positive Results

Interest: 100%

Location: 10 km north of Titan

Size: 7,500 hectares

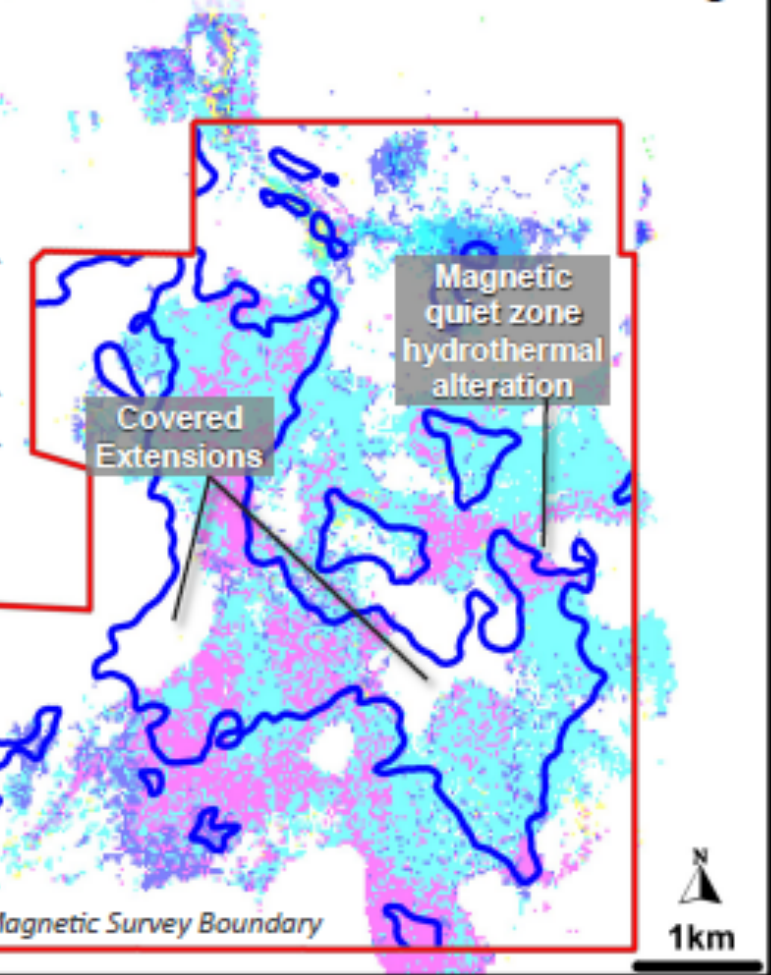
Background: Second high sulfidation epithermal gold system in the San-Atlas district

Structure: Large high sulfidation alteration signature.

- Evidence of “vuggy silica” and silica-alunite alteration in ribs and chips
- Sept. 16, 2013 trench results highlights: Hosts at-surface mineralization
 - 1.6 m of 7.3 g/t Au & 5.8 g/t Ag and**
 - 6.7 m of 2.33 g/t Au & 1.09 g/t Ag in gold zone**
 - 26.7 m of 0.02 g/t Au and 54.8 g/t Ag in silver zone**
- Gold and silver dominant zones in outcrop and subcrop

Exploration outlook: Trenching program completed; very encouraged by gold and silver assays on structures and large alteration zone.

Atlas ASTER Alteration Processing



Legend

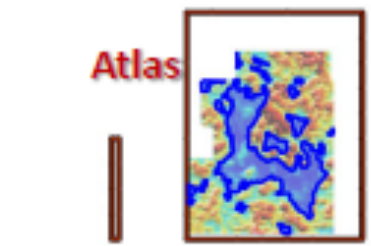
ASTER Alteration

- Alunite
- Illite
- Kaolinite
- Pyrophyllite

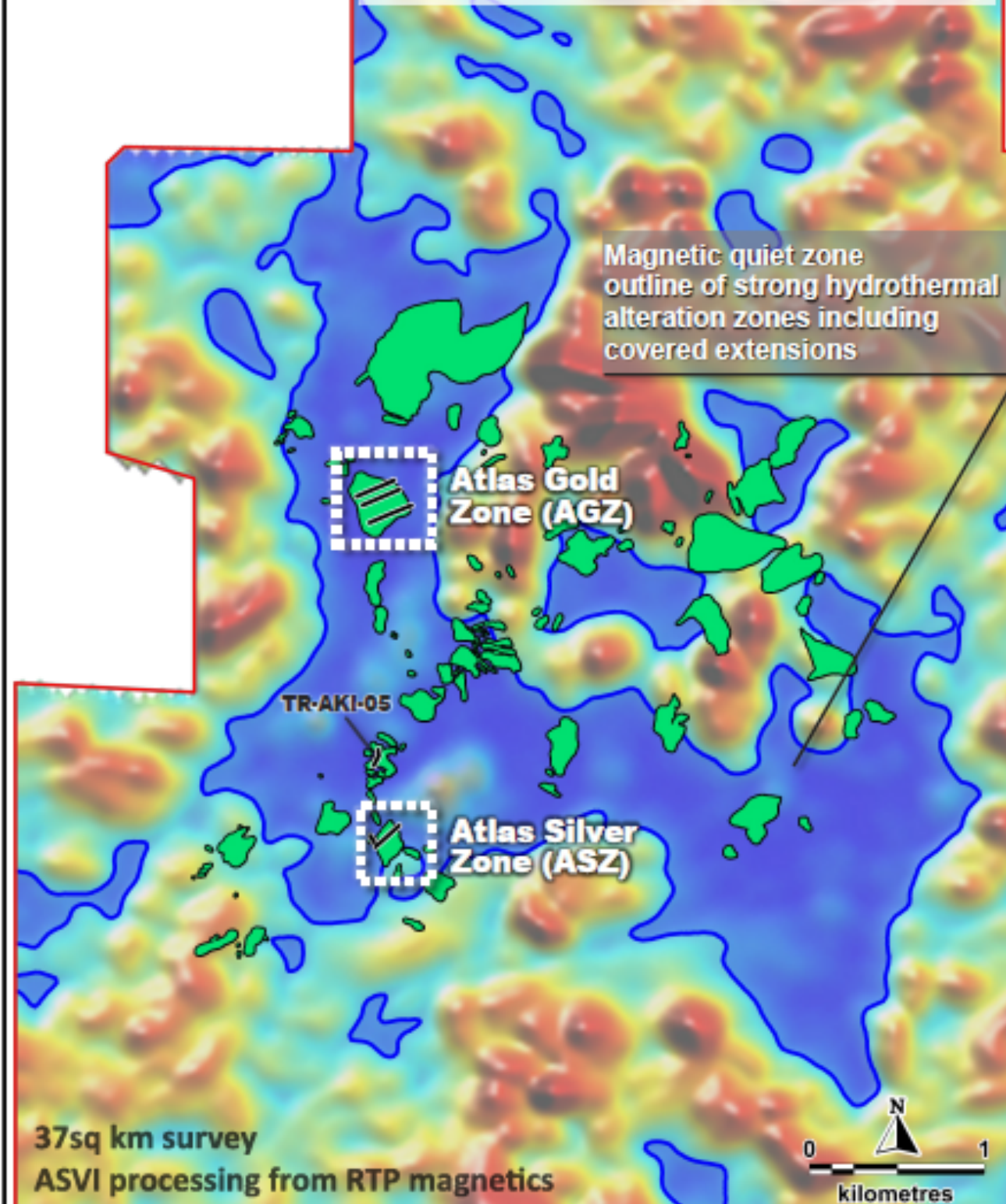
Limit of magnetic survey

Magnetic ASVI Lows

Location Overview



Atlas Detailed Walk Magnetic Survey

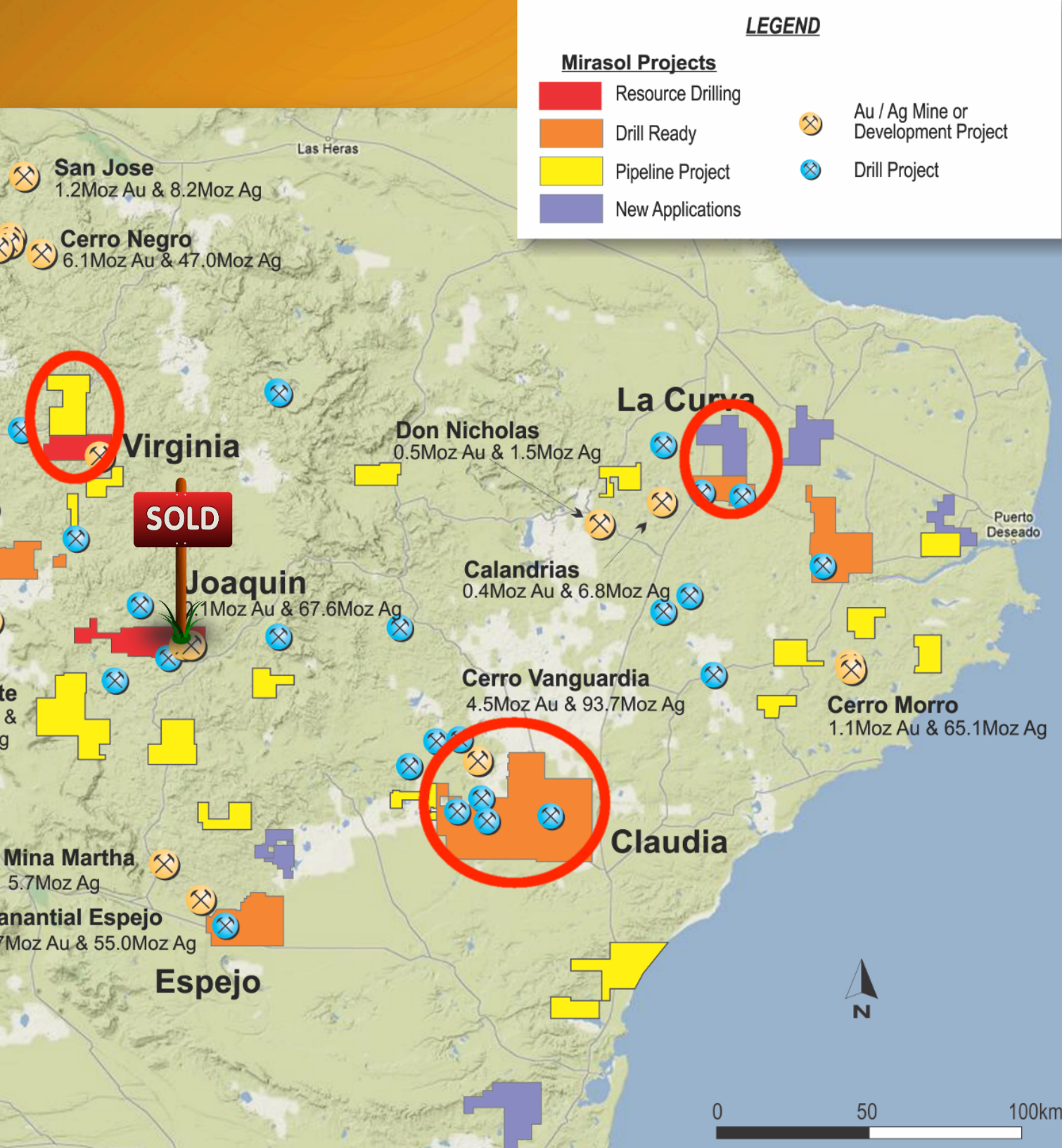


37sq km survey
ASVI processing from RTP magnetics

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Claudia Gold Project, Argentina





Virginia-Santa Rita:

- Metallurgical studies in
- Independent code com
- within pit resource – in
- Property reconnaissance

Claudia:

- +3,000m Trenching Pro
- Curahue, Alien & Rio S
- targets
- Project-level data analy
- targeting: Mapping, sar
- geophysics in progress

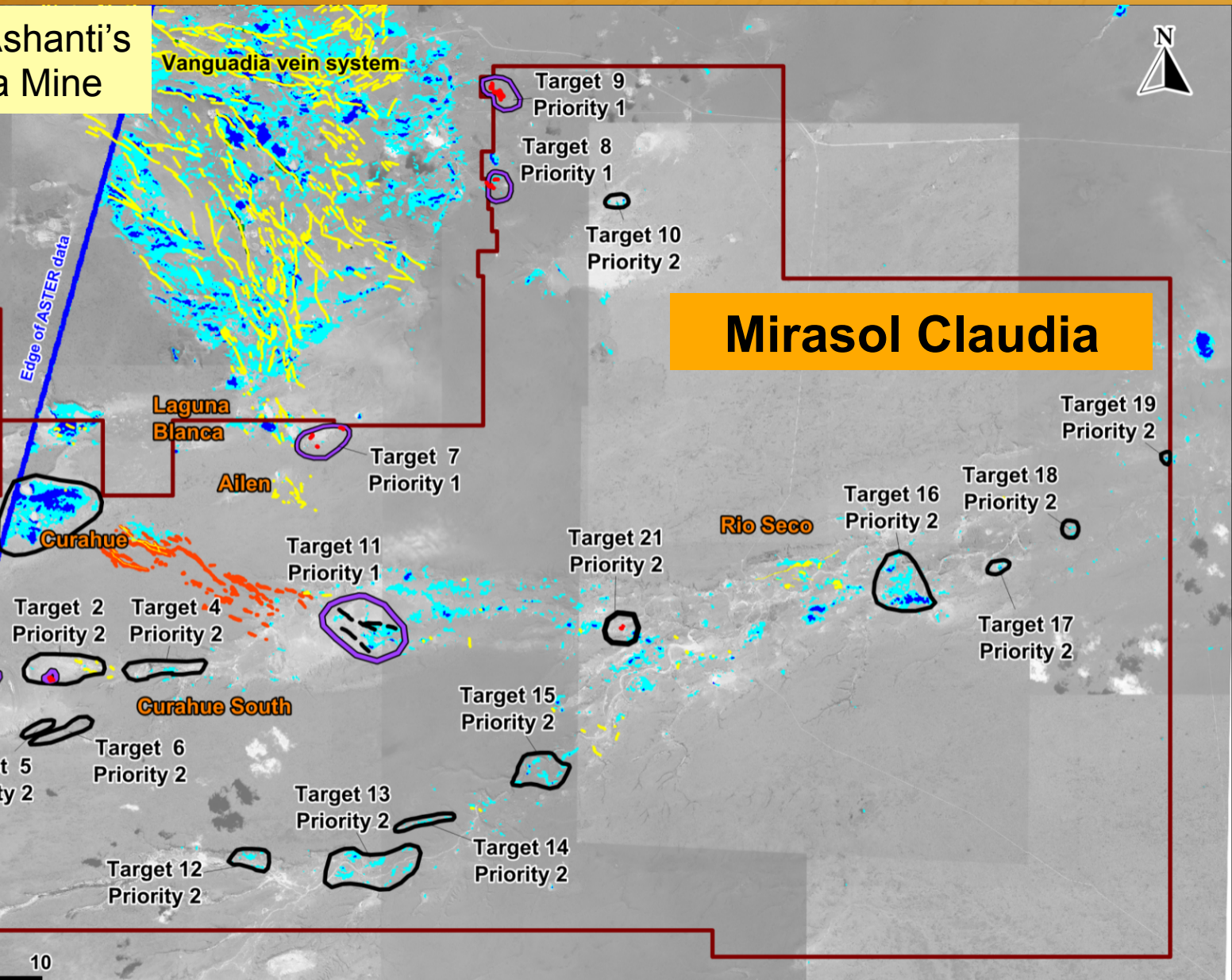
La Curva

- New walk mag PDP su
- complete
- Detailed mapping & sar
- underway
- Curva West & South-W
- targets: Ongoing prosp
- reconnaissance gradien
- covered targets

Targeting JVs.

- Claudia, Virginia, La Cu
- Espejo, which was rece
- returned to MRZ

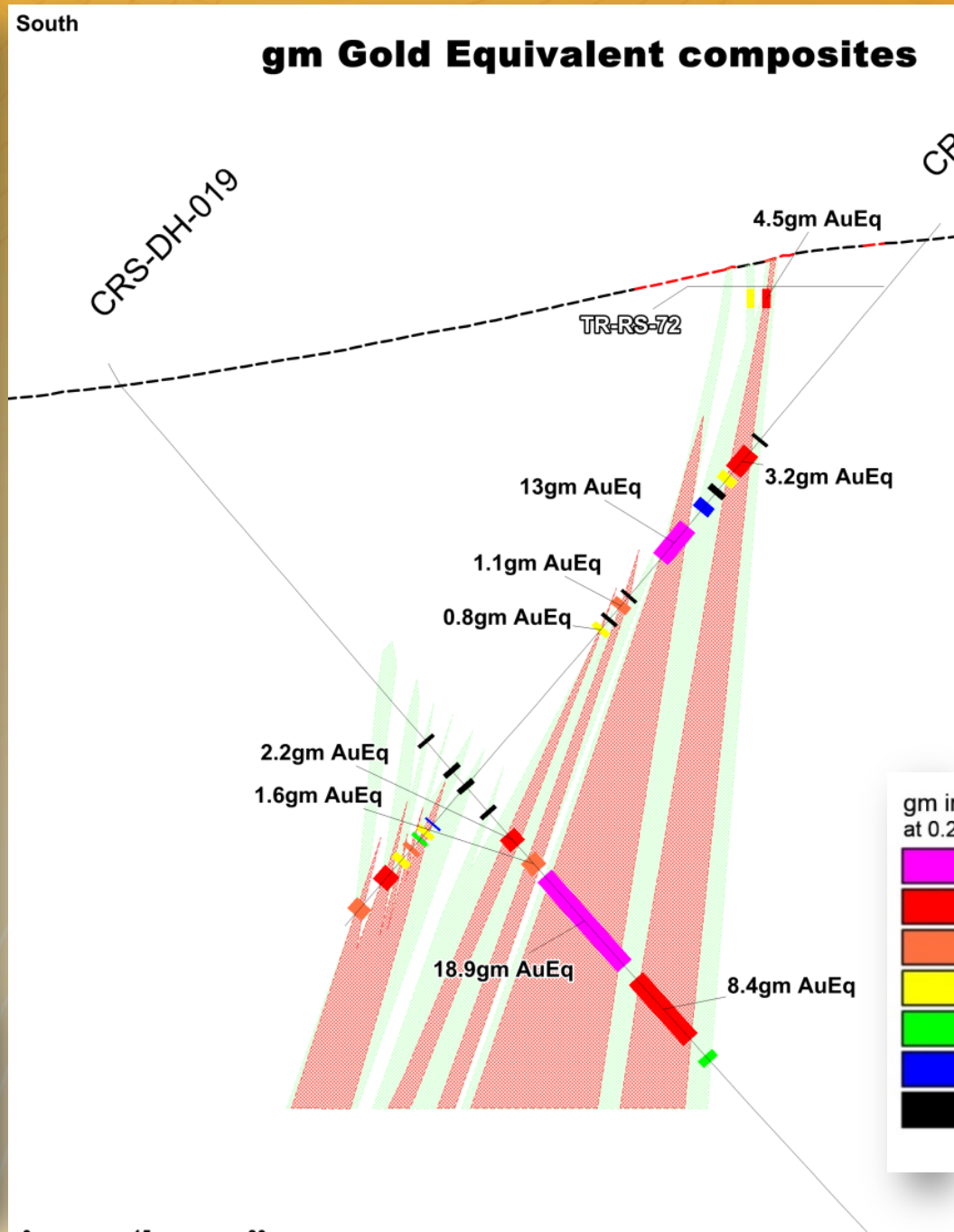
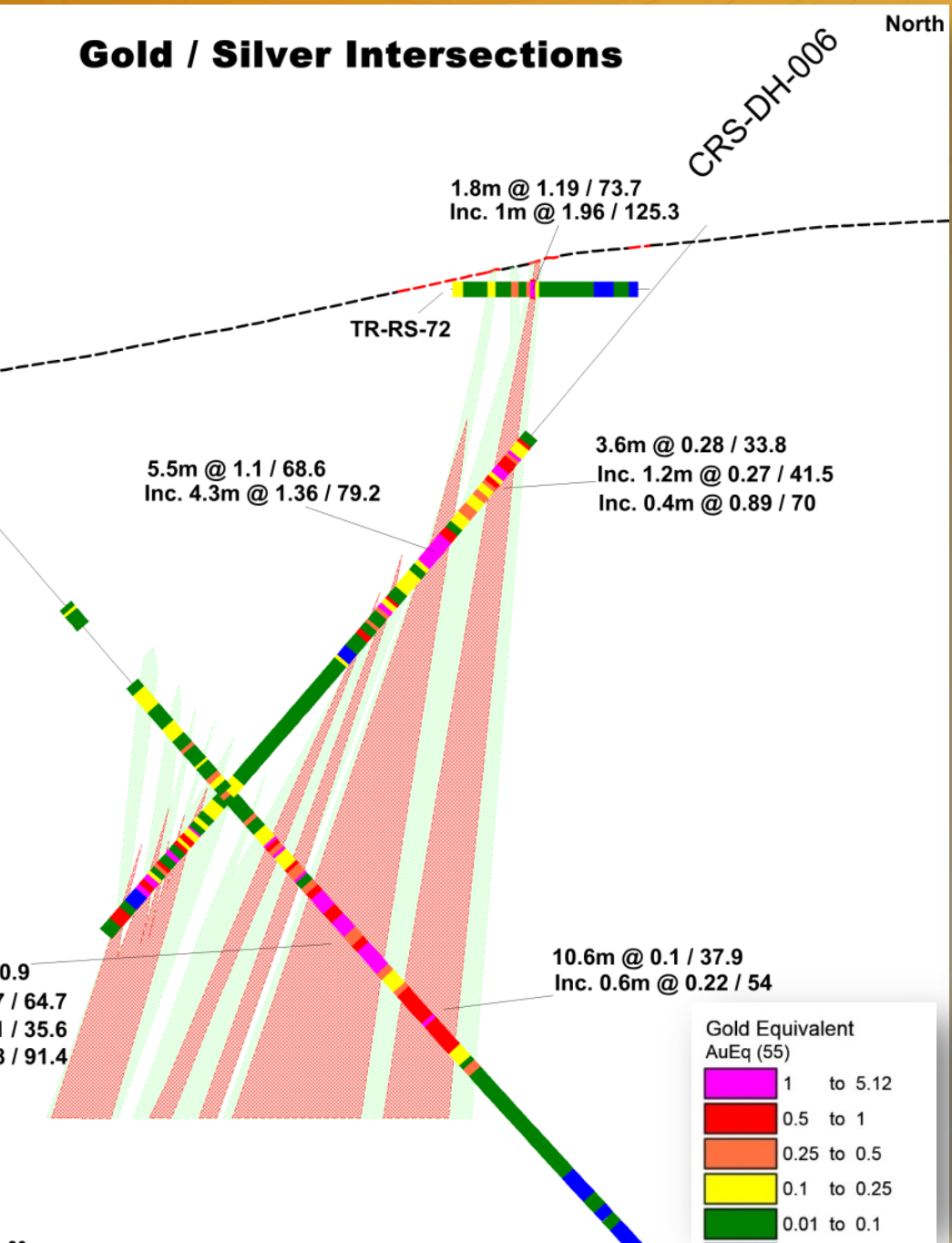
Extension of Cerro Vanguardia, a world class vein system



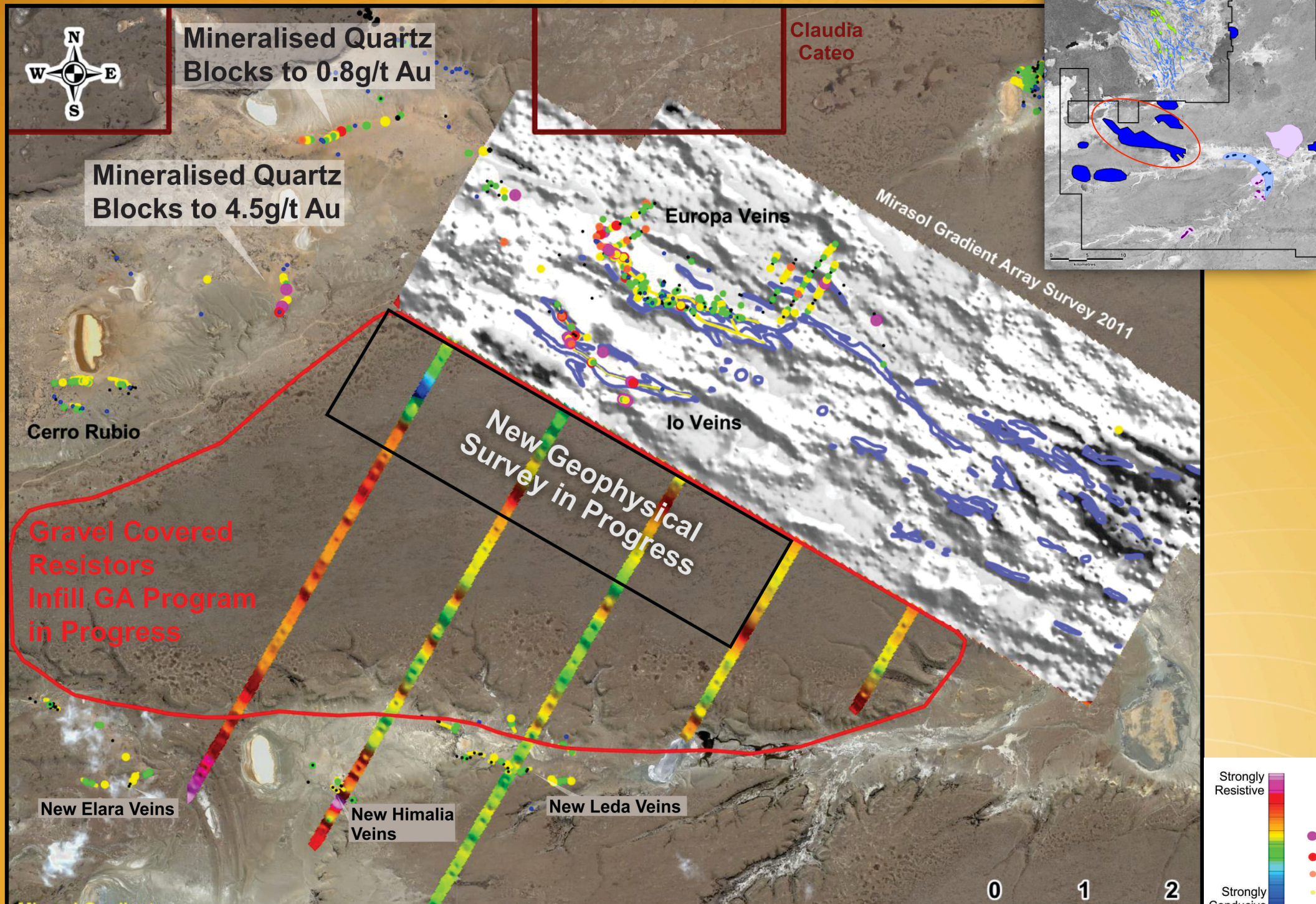
Claudia is the extension of the world class Cerro Vanguardia Vein Mine

- Cerro Vanguardia Gold resource of 8.1 Moz silver
- Cerro Vanguardia resources 4.46 M O 94 Moz silver
- Profitable, Open Cu Underground development
- Cerro Vanguardia M production for 11 m Dec. 2011 = 196,000 gold equiv. at US\$300 cost
- 13 open pits
- Underground 2011 projected 2.8 Mt @ gold
- Reported gold head for 6 mths ended Jun 2013:

- Veins developed at top of productive Chon Aike Formation – preserved
- Vein texture & alteration mineralogy consistent with top of system
- Gram meter Au Equiv intersections point to wider shoots at depth



- New In-Gradient Array surveys show additional vein trends
- Surface mapping encounters mineralized vein float



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Virginia Silver Project, Argentina



Summary of 2010-2012 Drilling

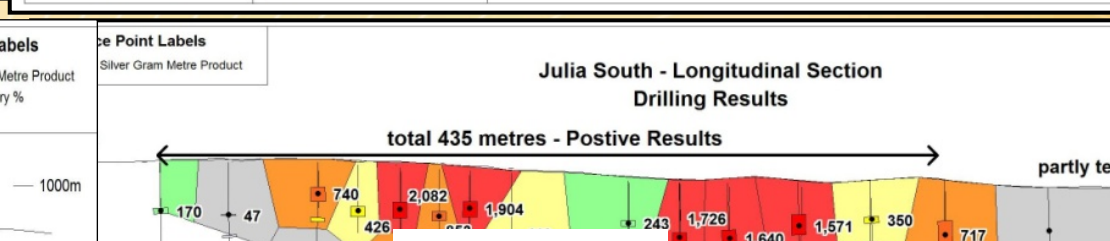
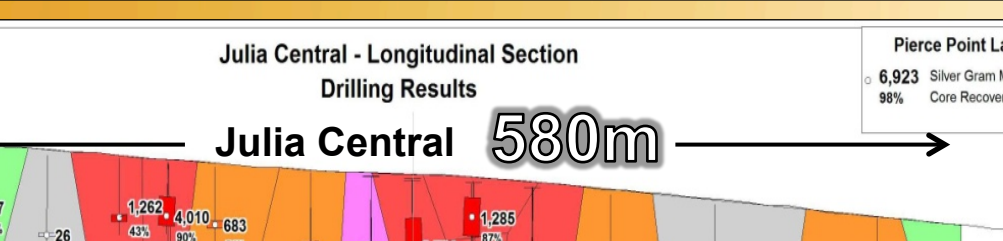
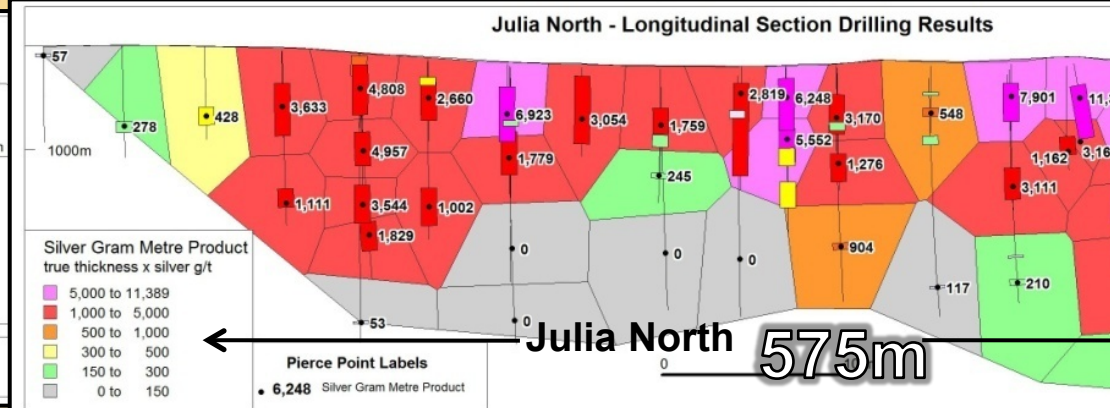
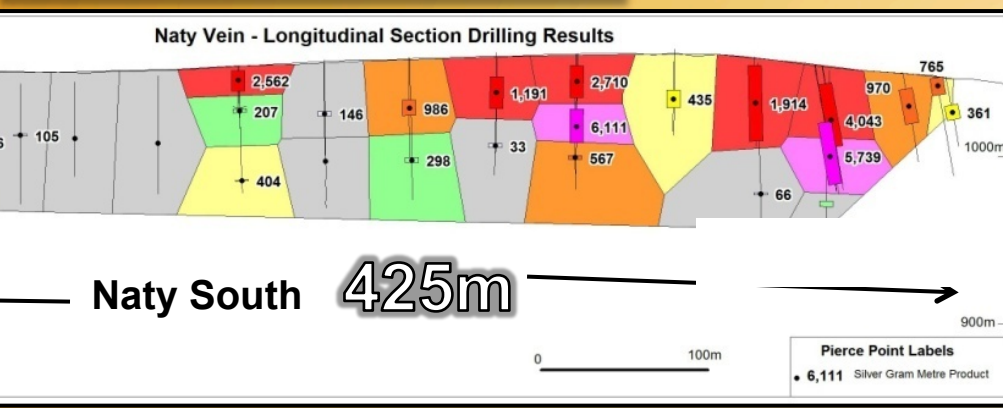
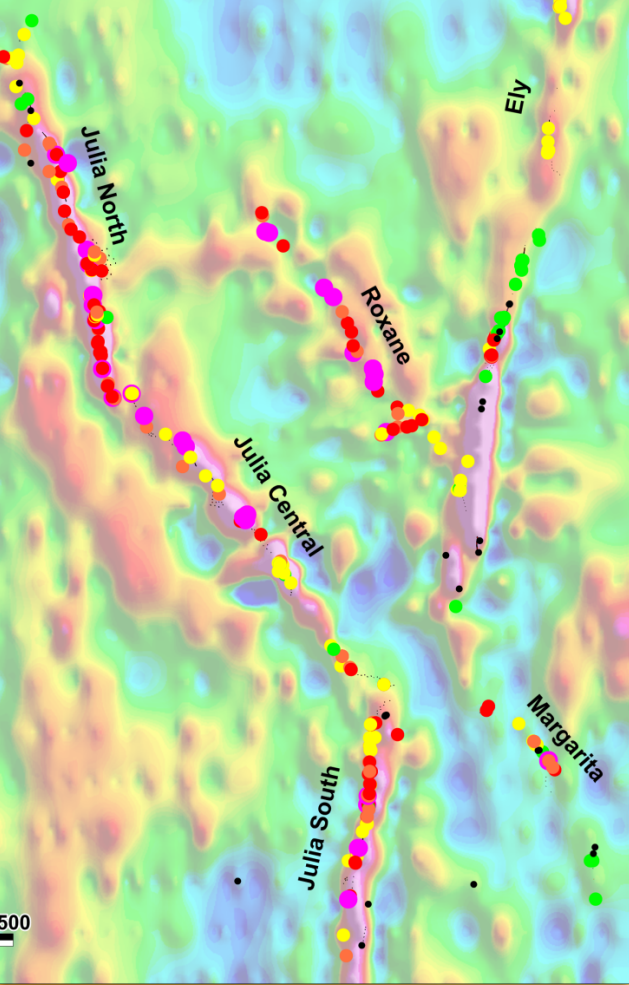
Systematic drilling of 3,900 meters of mineralized strike on meters of veining in 193 holes (Phases 1 – 4)

Defined silver mineralization in 7 shoots to depths of 75 to meters; >23,000 meters drilled

Drill intersections show high-grade structure with broad, low grade halo, intensely oxidized to base of drilling

At surface, high quality silver mineralization - low cost, open mine potential – similar to AngloGold's Cerro Vanguardia

Metallurgical studies show 70-80% vein recoveries by flotation or leach; turn-key ownership for future development



Investment Drivers

ing value to “Head Line” projects

ubi copper-gold JV, Chile –
dvancing with US\$1.5M in first year
ploration expenditure by partner



las gold-silver project, Chile – Follow up on positive trenching results

an gold project, Chile – Follow up drilling

egional JV with Chilean group – Consolidates properties around Atlas and T

audia gold-silver project, Santa Cruz province – Surface exploration contin
pect to JV.

Curva gold project, Santa Cruz province – Aggressive surface exploration

first: Titan and Atlas headline 10 projects. Building on early success.

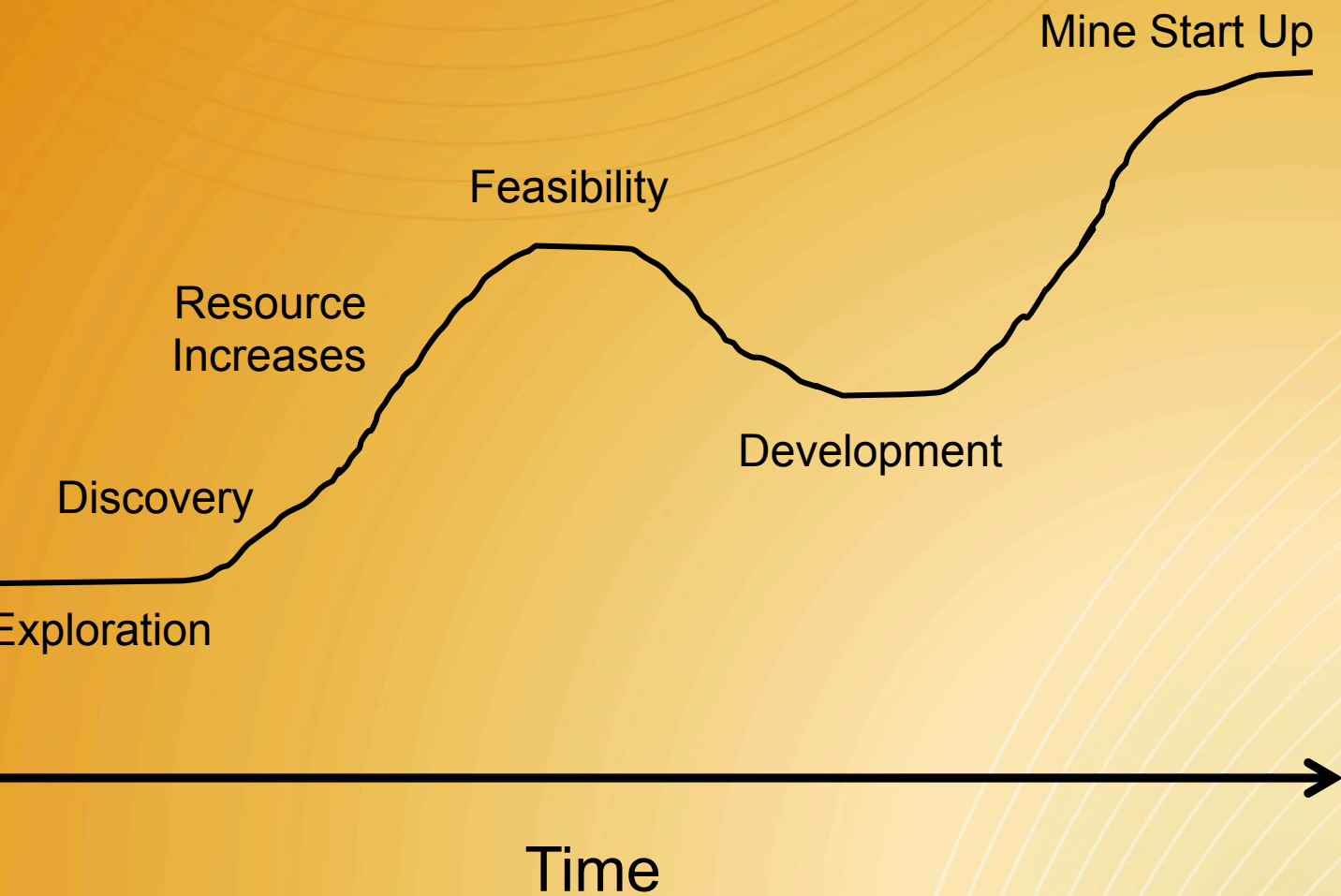
Santa Cruz province, Argentina: Many projects available to JV to diversify risk p

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Appendix

Prospect Generation

Ground Floor Opportunity to Build Value



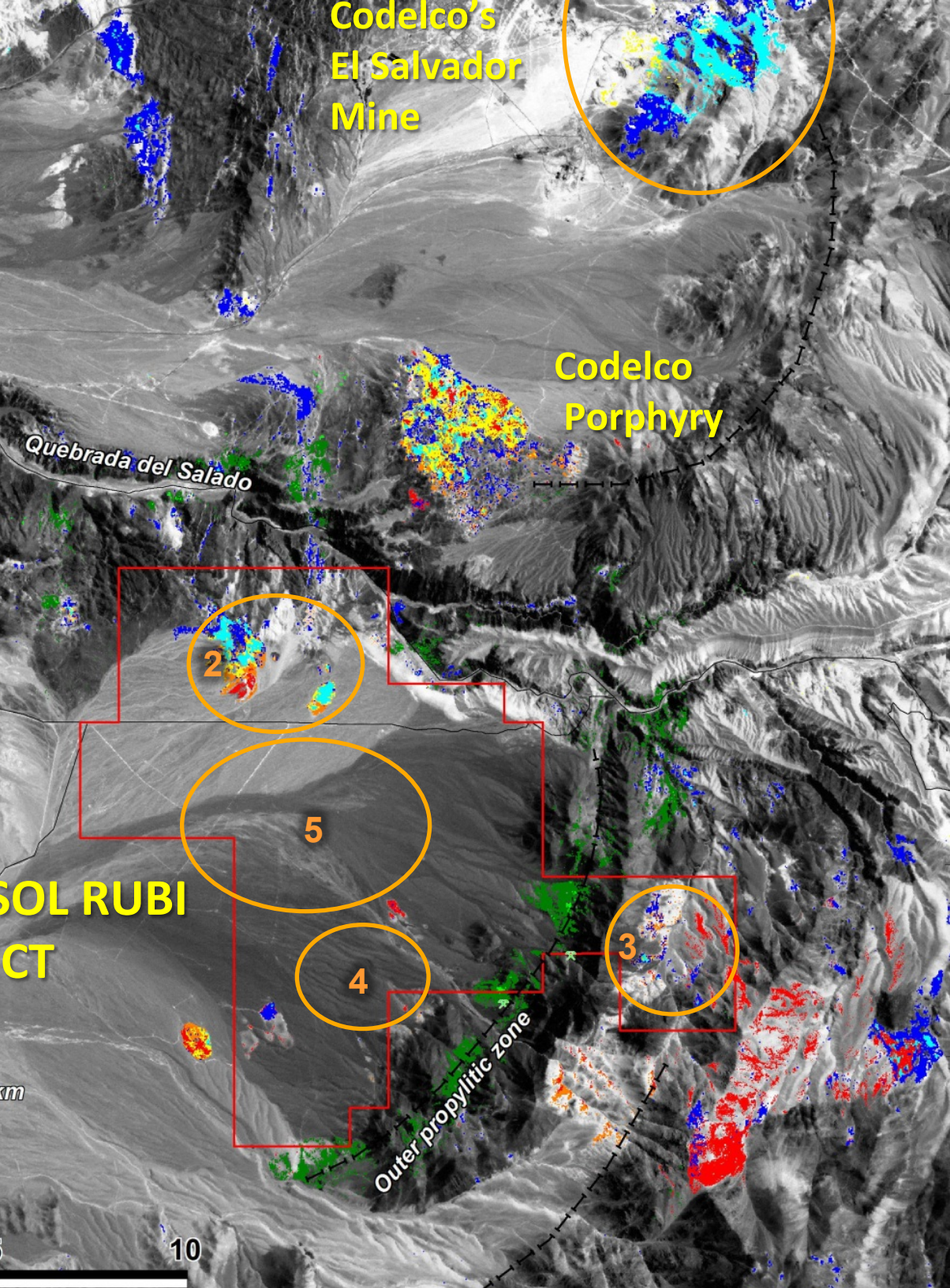
MRZ Well Positioned

- Management track record
- Technological exploration
- Diversified portfolio of prospects
- Well funded treasury + multi-year exploration
- Strong insiders/founder ownership
- Tight share capital – 4 shares outstanding

Joaquín Silver Project Sold to Coeur

- Initial Mirasol generative exploration discovery – 2004-2005
- Mirasol / Coeur Mining JV formed – 2007
- Coeur vested 51% interest – Nov. 2010
- Coeur was earning-in to 61% for Bankable Feasibility (est. 2013)
- Two zones identified, La Morocha & La Negra demonstrated growth in resources
- 42.04M oz silver equivalent in M&I and 32.79M oz silver equivalent in Inferred Resources
- 2
- Sold 49% interest to Coeur – Dec. 21, 2012

MRZ monetized its project generation success



Regional Setting & Aster Alteration

1. **Codelco's El Salvador Cu Mine.**
Phyllic Argillic Alteration. 12.2 Moz Au
3.2 Moz Cu
2. **Lithocap Target**
Advanced Argillic Alteration
Cu-Mo-Au
3. **Portezuelo Prospect**
Argillic-Phyllic Alteration
Cu-Mo-Au anomalous STK
4. **Corner Zone**
K Alteration, Qz-mgt, Qz Tour S
Cu-Ag-Pb
5. **Covered Porphyry & Exotic Cu T**

Aster Alteration

