



Especlarita lithocap

Chile Focused Copper-Gold and Lithium Exploration

Corporate Presentation

LSE:GSCU
May 2024

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GSCU in Chile: Highlights

Coastal Belt: Emerging Cu-Au trend in Tier 1 copper jurisdiction

3 large-scale projects with option for 100% GSC ownership

Especlarita: Multiple high-grade Cu-Au targets ready to drill

Lithium-brine project option in Salar de Atacama district

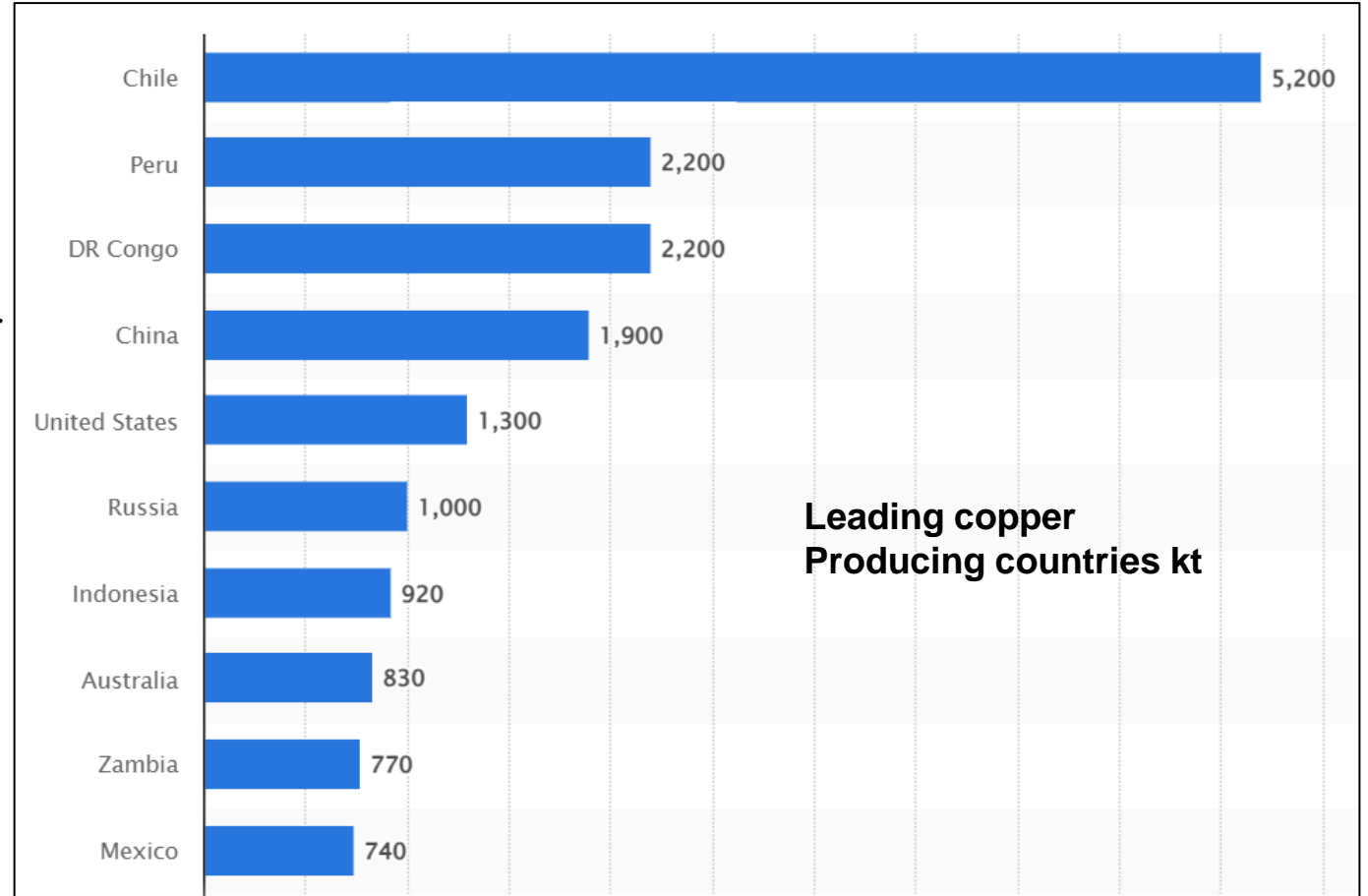
Strategy for Growth: Location, Commodity, Scale, Ownership, People



Why Chile: Globally Significant Mining Destination



- Largest producer and exporter of copper
- Largest reserves of copper
- Largest reserves of Li and second largest producer
- Insufficient exploration investment to replace depleting copper resources
- Mining accounts for 14.6% of Chile's GDP[^]
- Stable political environment and experienced workforce



[^]2023 EY Report: Chile's Mining and Metals Investment Guide 2023



ANGLO AMERICAN



GLENCORE



ANTOFAGASTA MINERALS

WHO:

A global discovery team



CEO:

Sam Garrett

- Havieron Au-Cu
- Tujuh Bukit Au-Ag-Cu
- Sihayo Au
- Dinkidi Cu-Au
- Mt. Elliot Cu-Au



Exploration Manager:

David Hopper

- Valeriano Cu-Au
- Cachi Laguna Au-Ag



Technical Advisor:

Doug Kirwin

- Merlin/Selwun Cu-Au-Mo-Re
- Oyu Tolgoi Cu-Au
- Moditaung Au
- Jelai-Mewet/Seruyung Au
- Eunsan/Moisan/Gasado Au



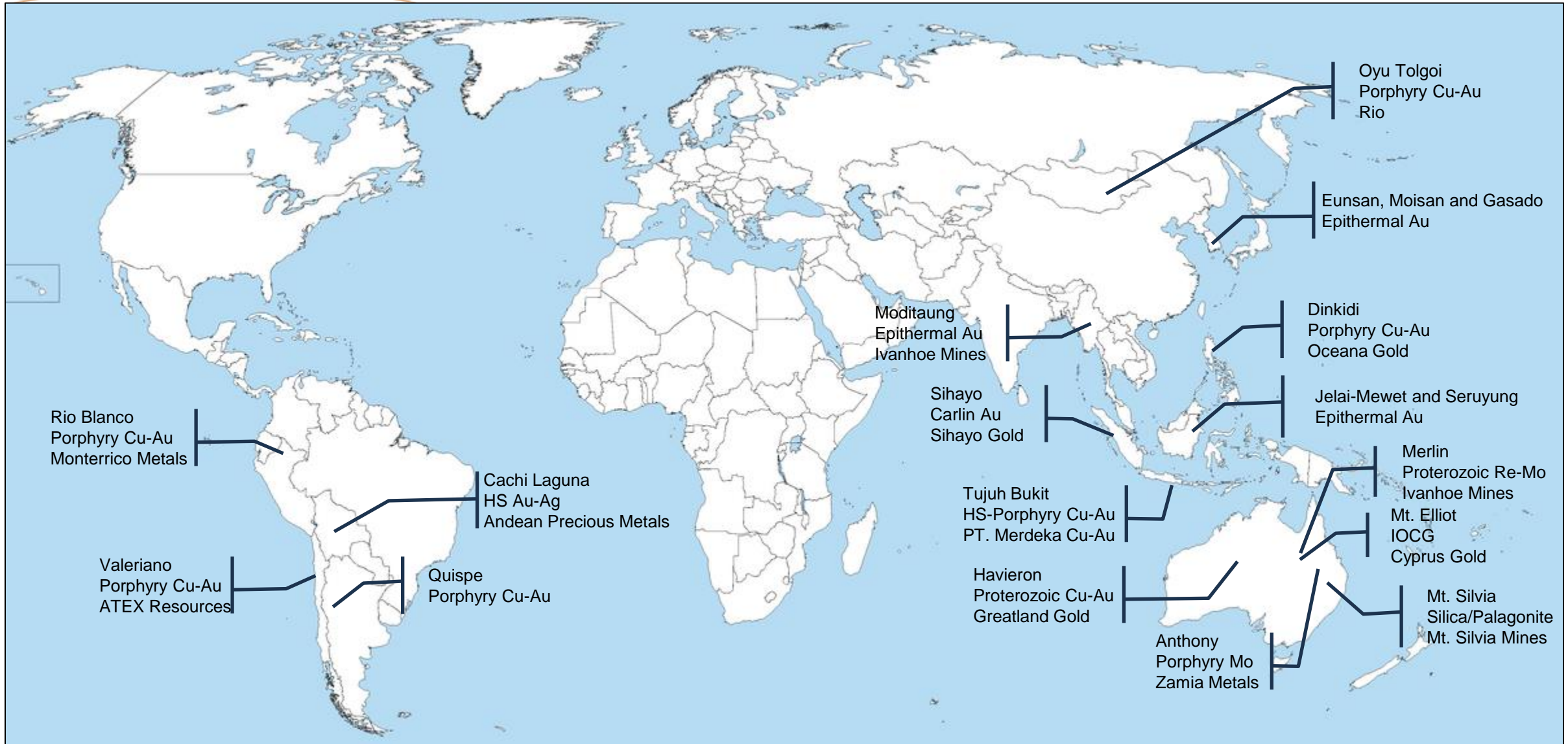
General Manager SA:

Andrew Bristow

- Rio Blanco Cu-Au

Over 140 years of combined global discovery experience

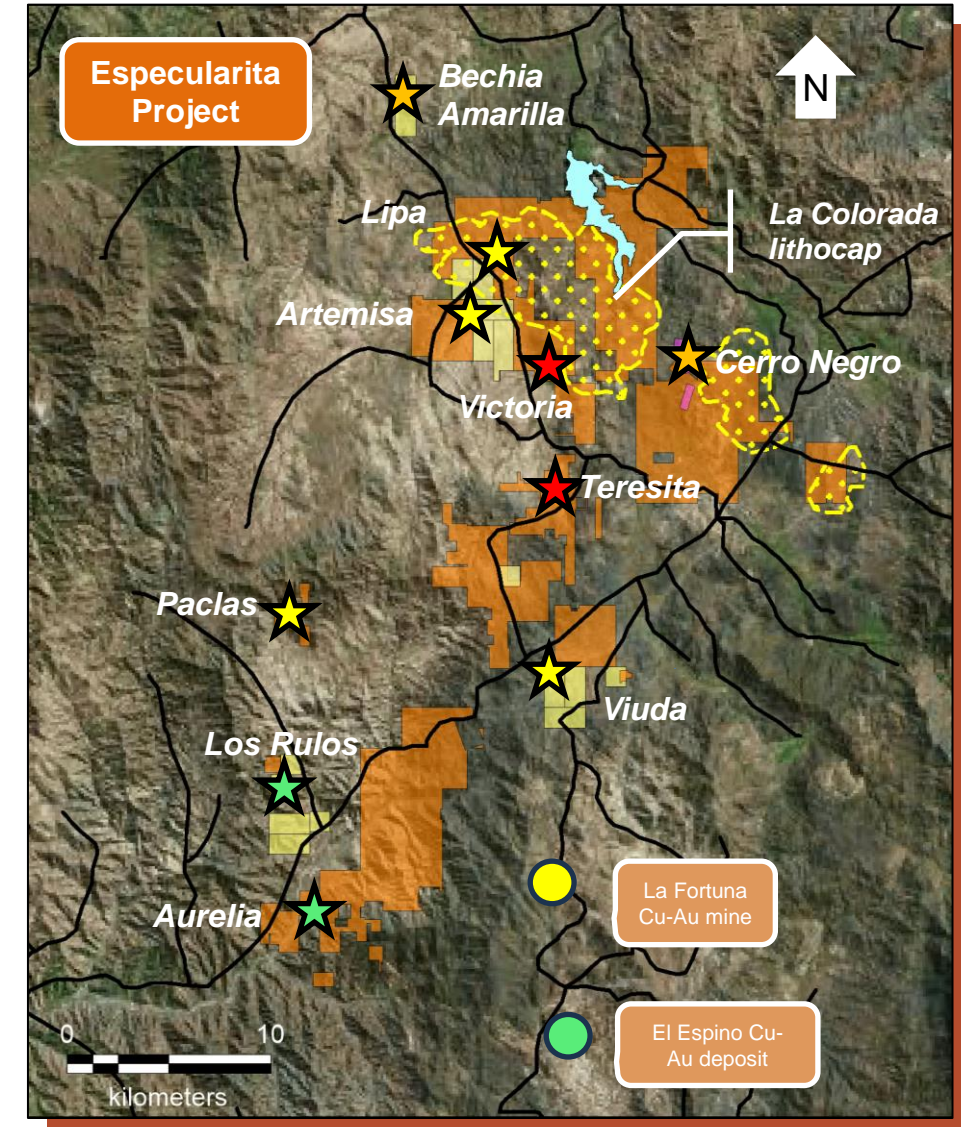
A global discovery team



Especularita: Untested porphyry - IRGS district

“Boots-on-ground” exploration by GSC is delivering a pipeline of drill targets at Especularita

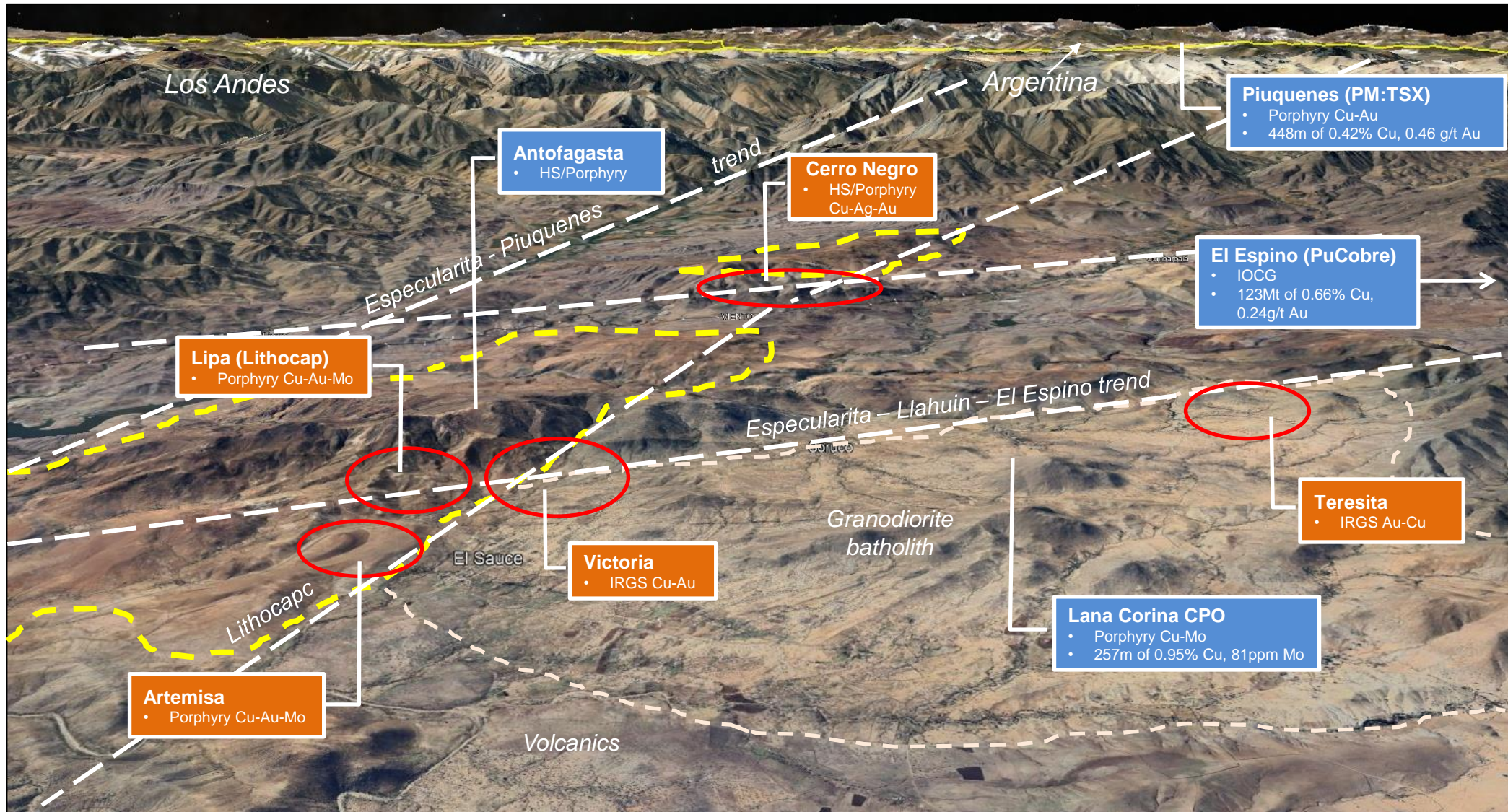
- District-scale mineral system showing evidence of;
 - ★ **Porphyry-epithermal Cu-Au** (La Colorada lithocap zone)
 - ★ **IRGS Au-Cu** (Teresita, Victoria prospects) – new concept targets
 - ★ **Breccia pipe Cu-Au** (Cerro Negro prospect) – old mine
 - ★ **Skarn Cu-Au** (Aurelia prospect) – old mines, never explored
- Extensive artisanal mining and processing - but very limited exploration
- Excellent access and infrastructure
- **5,500m drilling plan in the next 18 – 24 months;**
- **Strong news flow for 2024 – 2025 +**



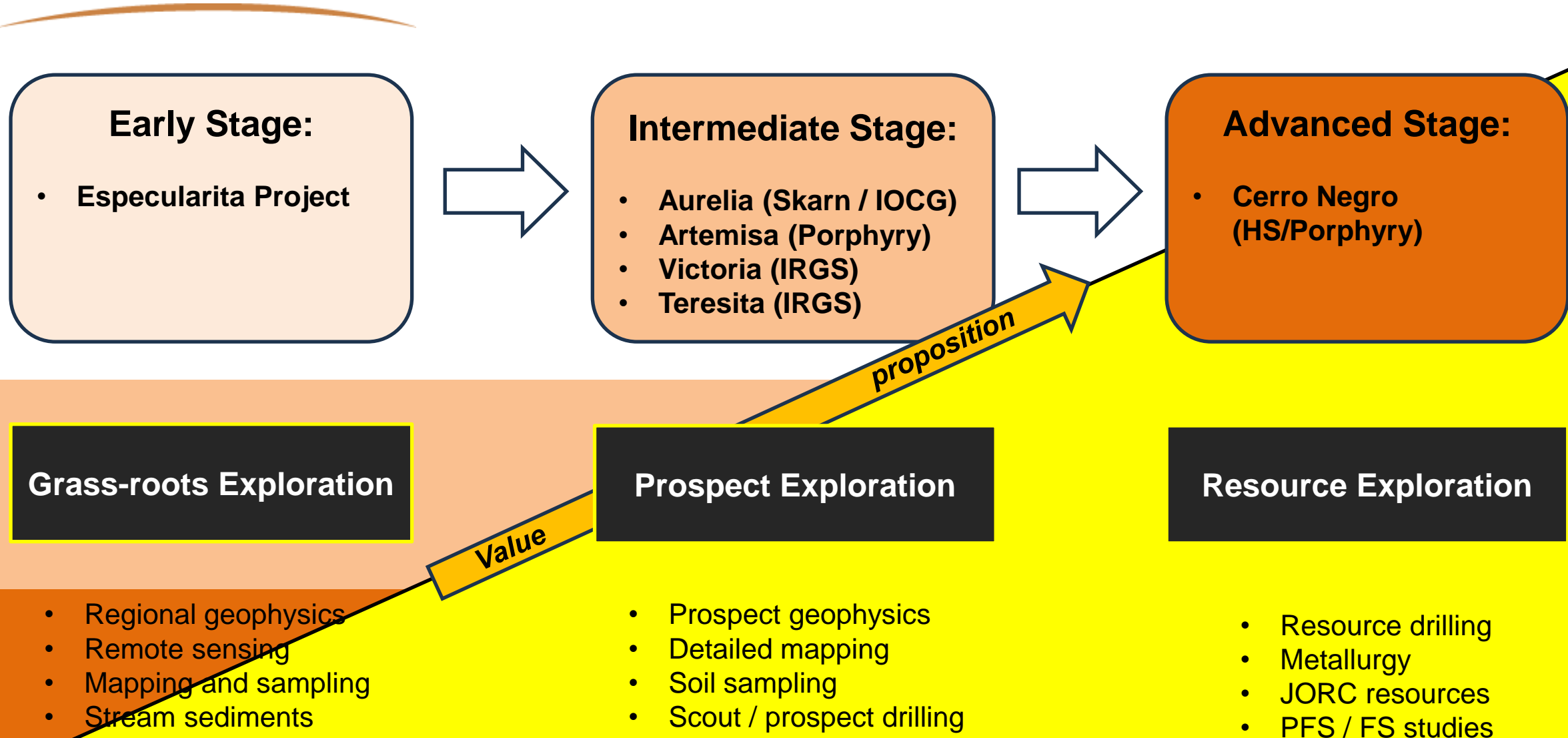
Especlararita Cu-Au Project

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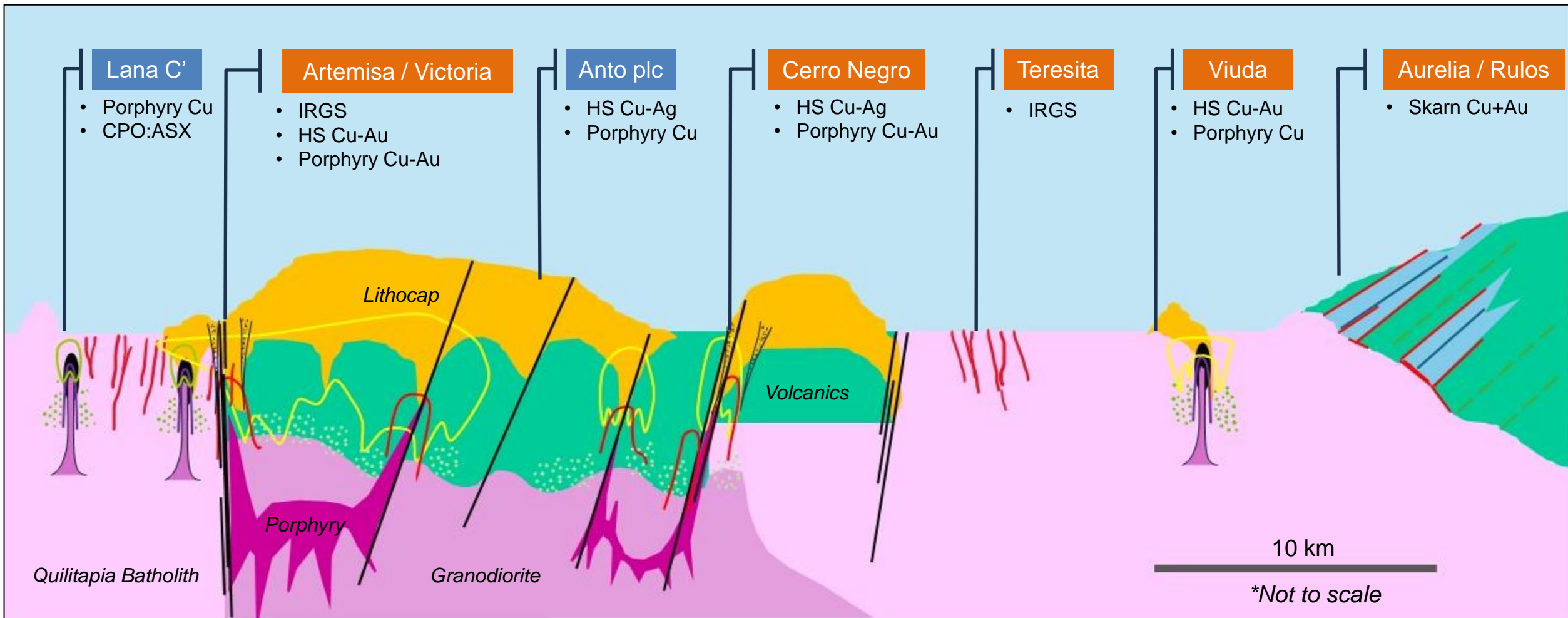
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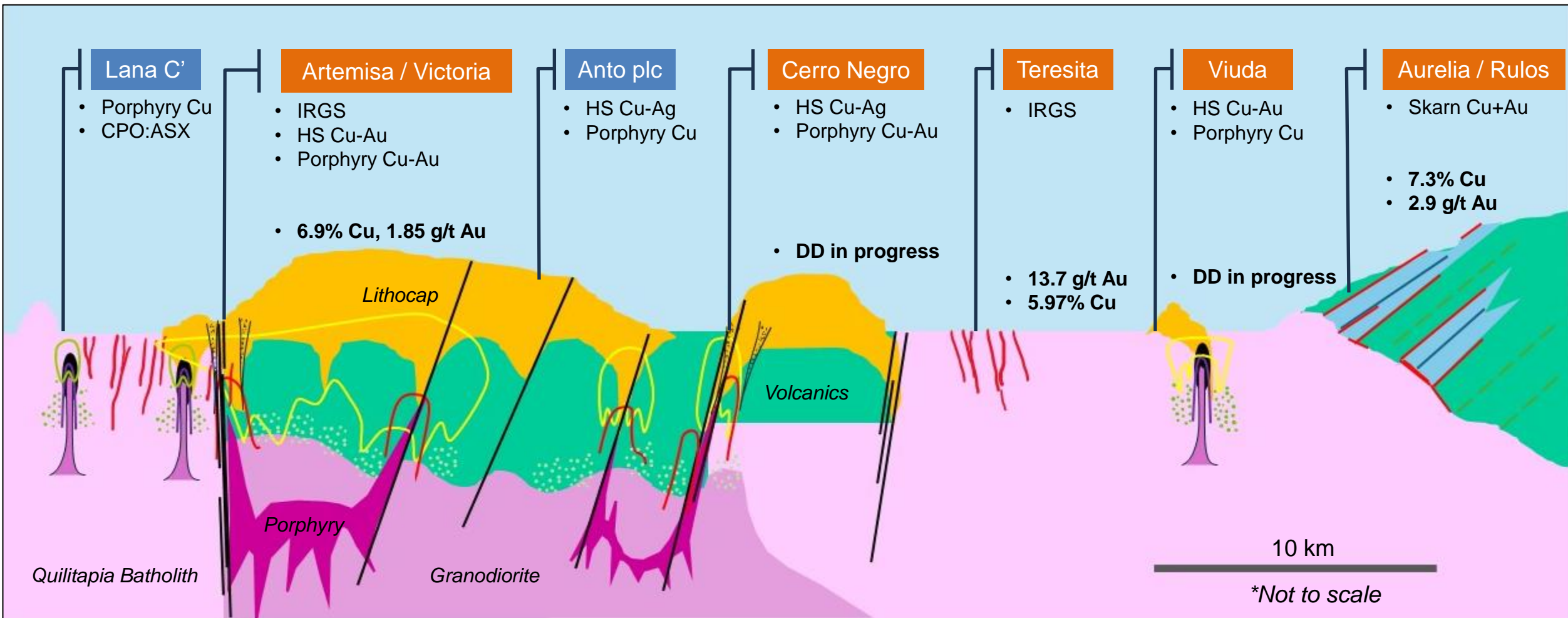
Advancing Cu-Au prospects through the discovery pipe-line



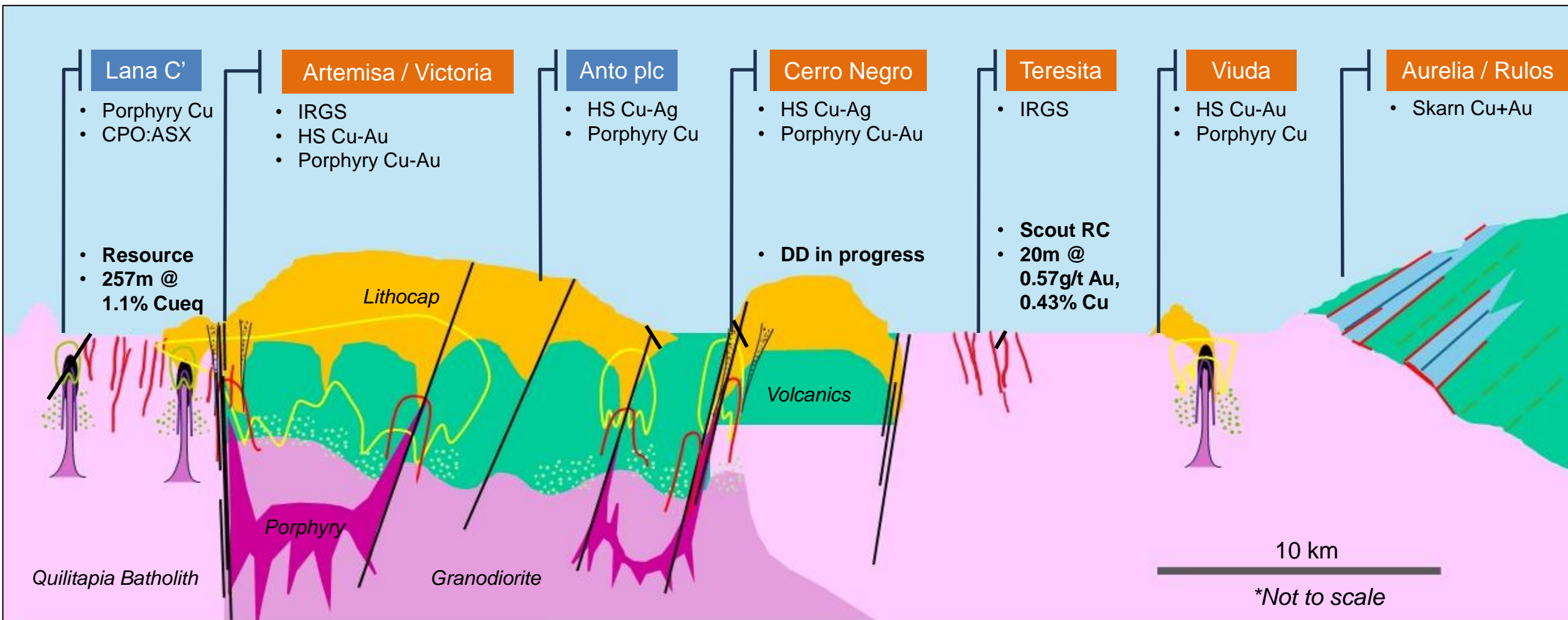
Especcularita: Schematic target section



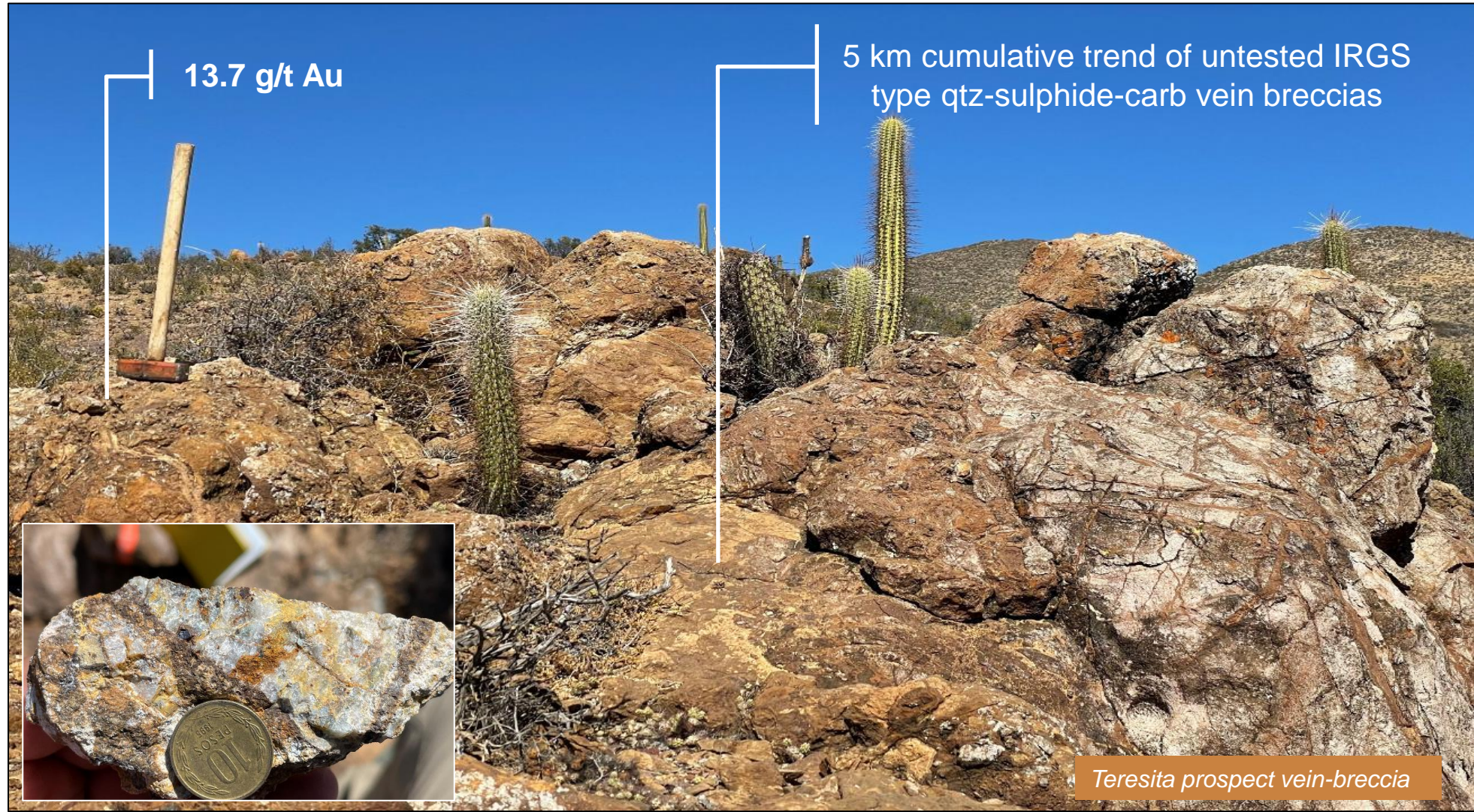
Especcularita: Rock chip geochemistry



Espeacularita: Historical drilling



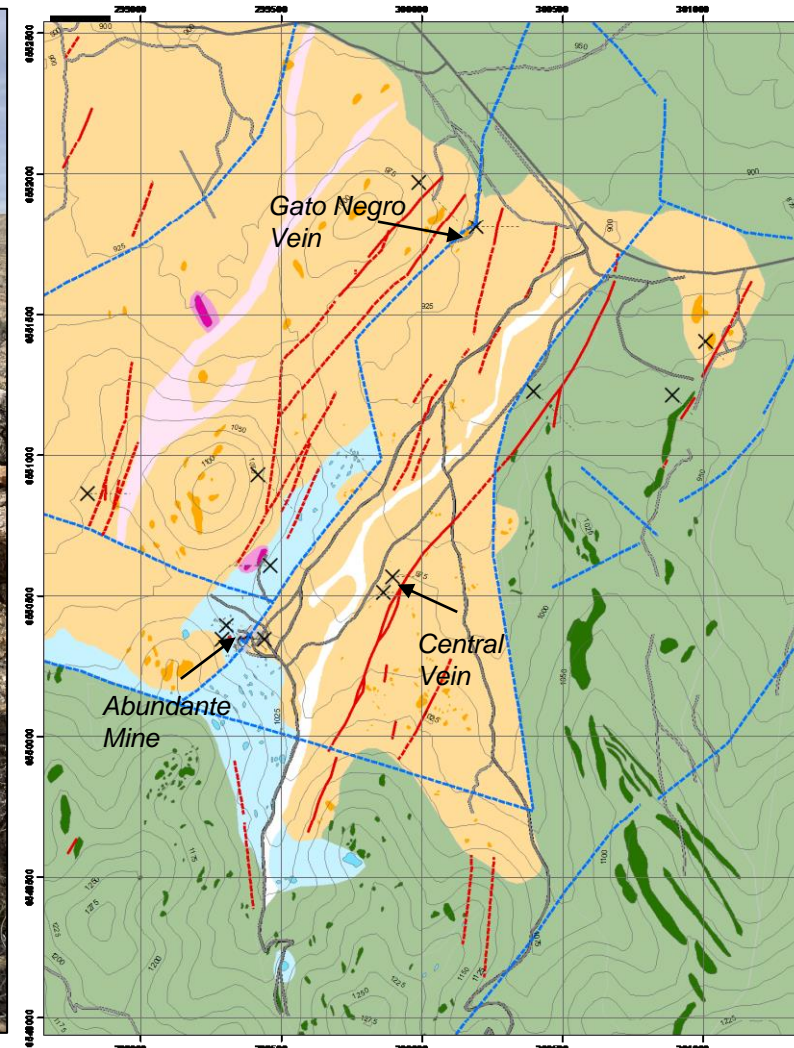
IRGS Model tested at Teresita with scout RC



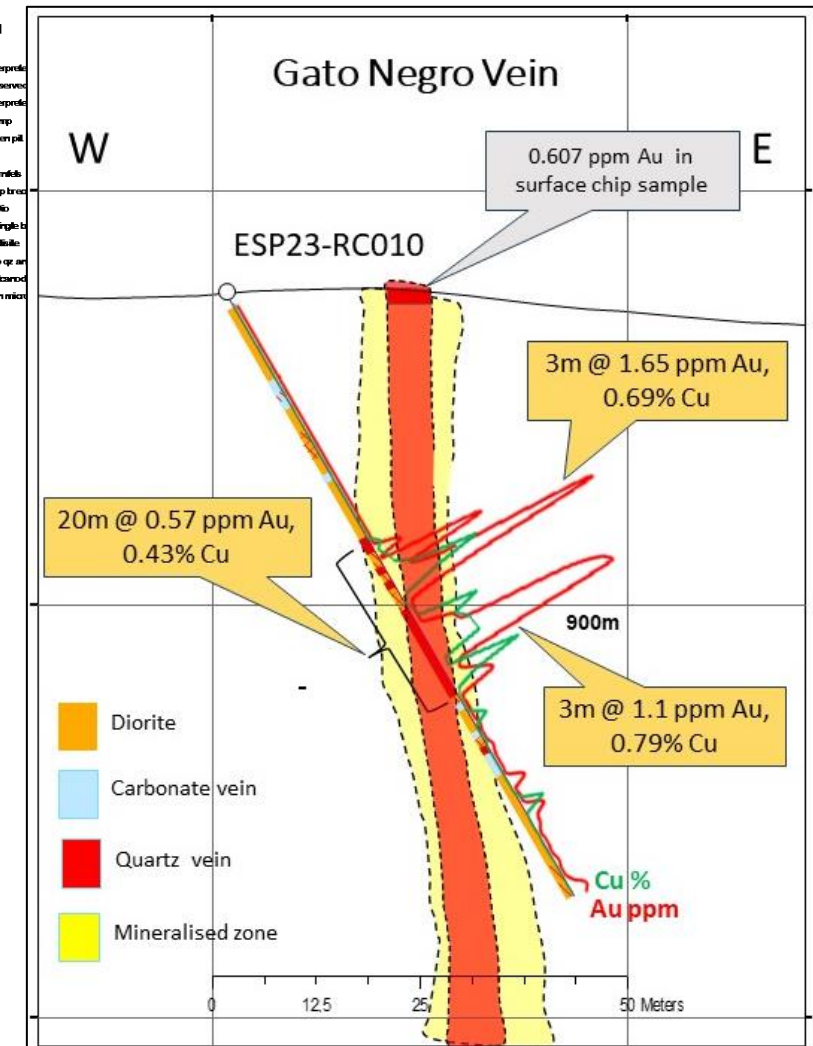
Teresita IRGS prospect – Scout drilling completed Q1, 2024



2017: GSC discovers quartz-sulphide-carb vein-breccia structures



2022-23: Teresita mapping and sampling defines +5km vein-breccia swarm



2024: Scout RC drilling confirms IRGS system

Victoria and Aurelia – Ready to drill in 2024

- High-grade Cu-Au drill targets;
 - Victoria – IRGS type
 - Aurelia – Skarn type
- Work to date by GSC includes;
 - Mapping and rock sampling,
 - Soil sampling,
 - magnetics and
 - drainage sampling
 - Claims consolidated to control full system
- **News flow for 2024 -2025 +**



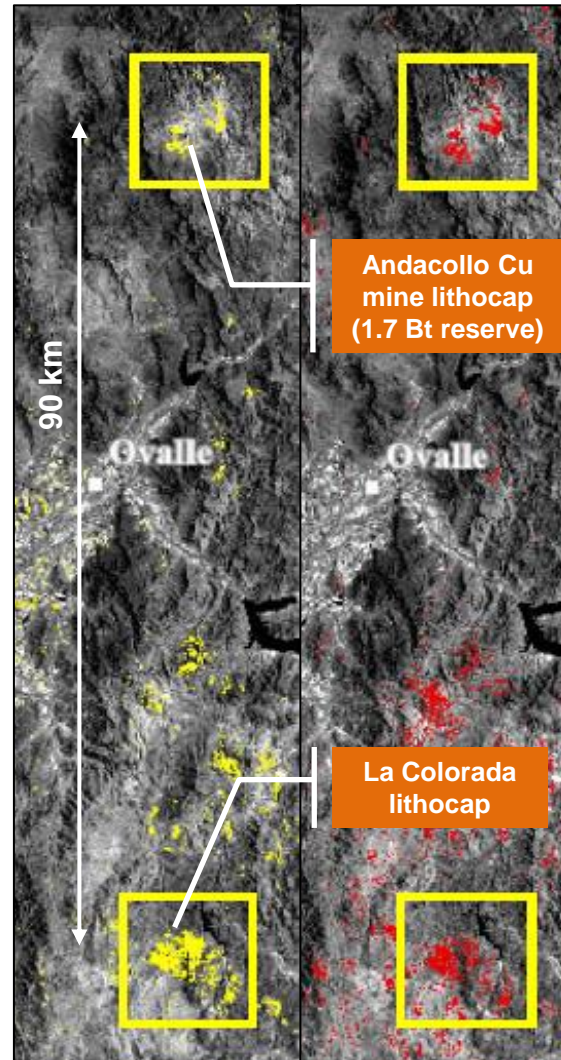
- High grade Cu-Au in vein-breccia
- Up to **6.9% Cu, 1.85g/t Au** in outcrop
- **Drilling planned in H1 2024**
- No historical drilling



- High grade Cu-Au in skarn rocks
- Up to **7.3% Cu, 2.9g/t Au** in mine dumps
- Extensive artisanal mining
- No historical drilling

Porphyry Cu-Au: What's the evidence?

- Large (>75km²) lithocap alteration blanket masks evidence of porphyry Cu+Au mineralisation
- Carmen de Andacollo mine (Teck) on trend;
 - 1.7 Bt reserves (2016)
 - Overlying lithocap,
 - Radiometric anomalies c/f Especularita
- Historical drilling by Culpeo (CPO:ASX)
 - 257m at 1.1% Cueq from 170m
- Along trend of Piuquenes prospect (PM:TSX);
 - 448m of 0.42% Cu, 0.46g/t Au
- Geology mapping
 - Stockwork, breccias, zoned alteration

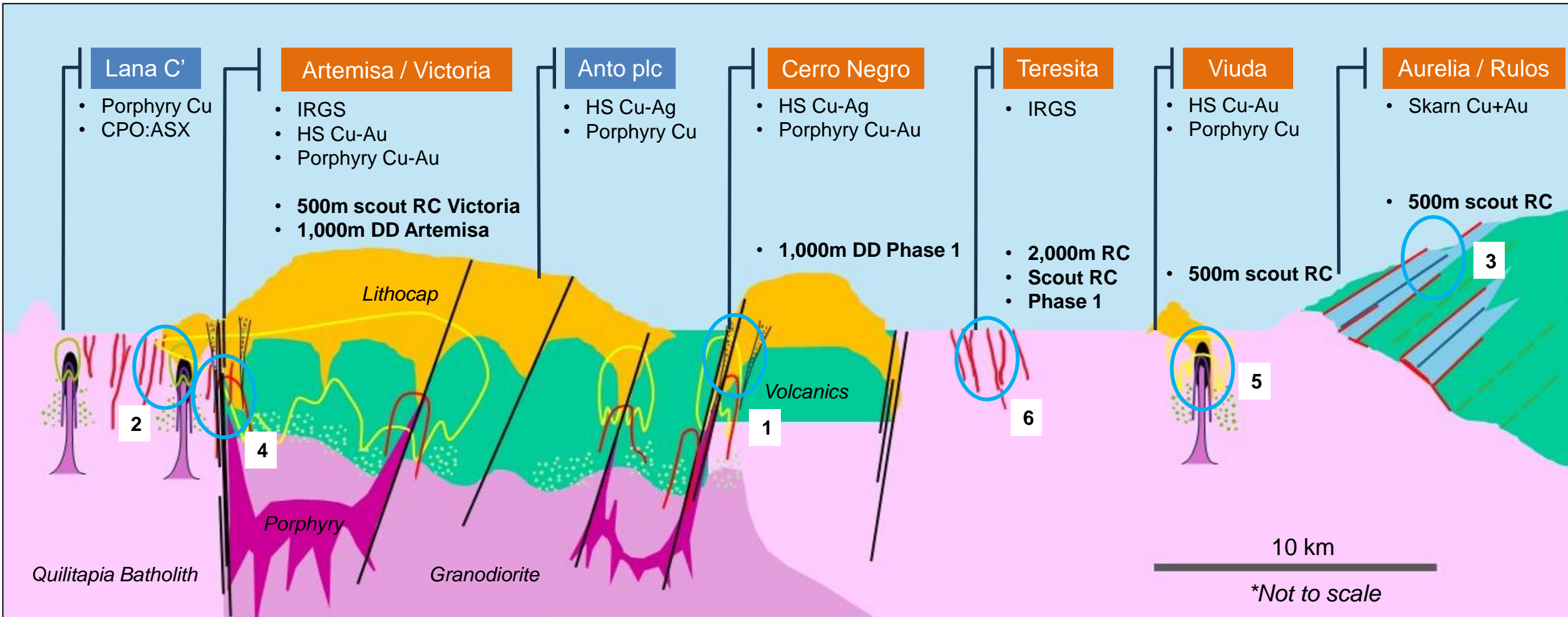


Clay-sericite band Radiometric image
Hematite band Radiometric image



Porphyry Cu style stockwork alteration in outcrop, La Colorada

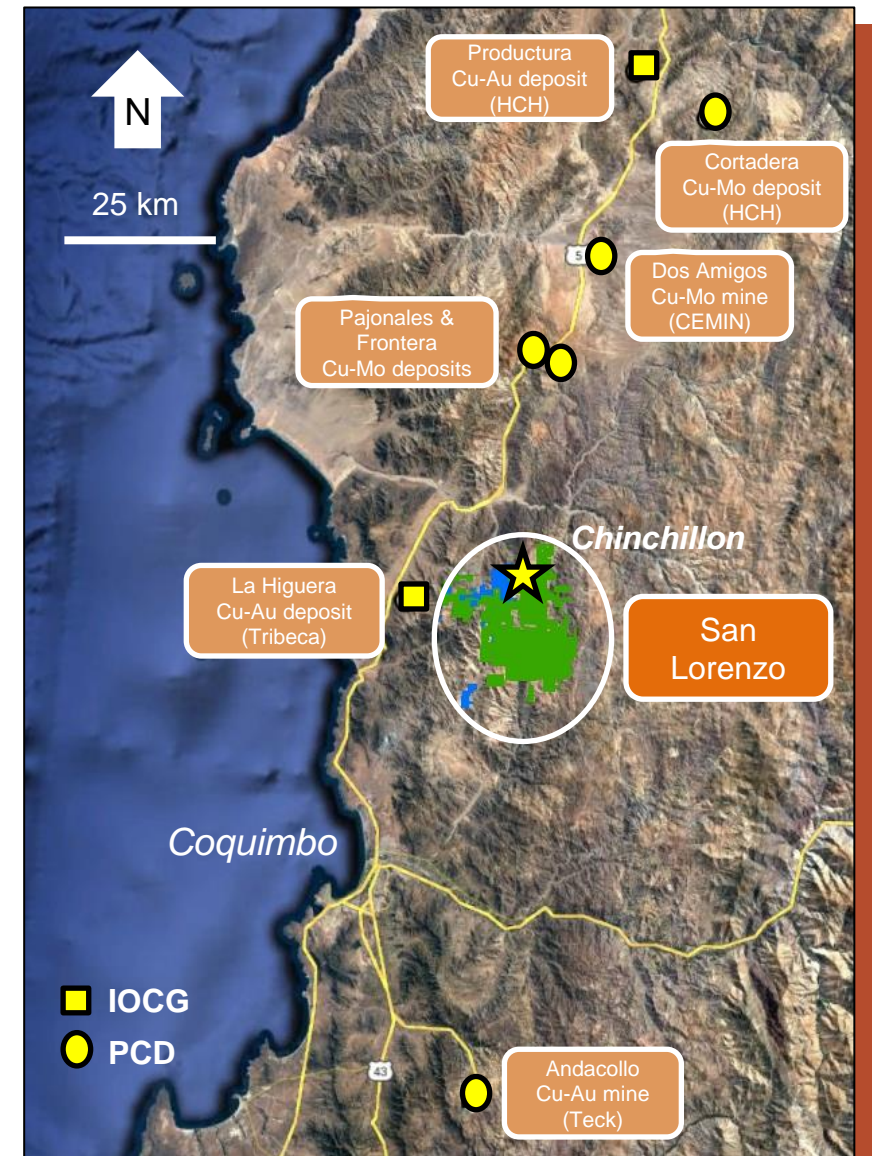
Especularita: Drilling plan 2024-2025



San Lorenzo Cu-Au Project



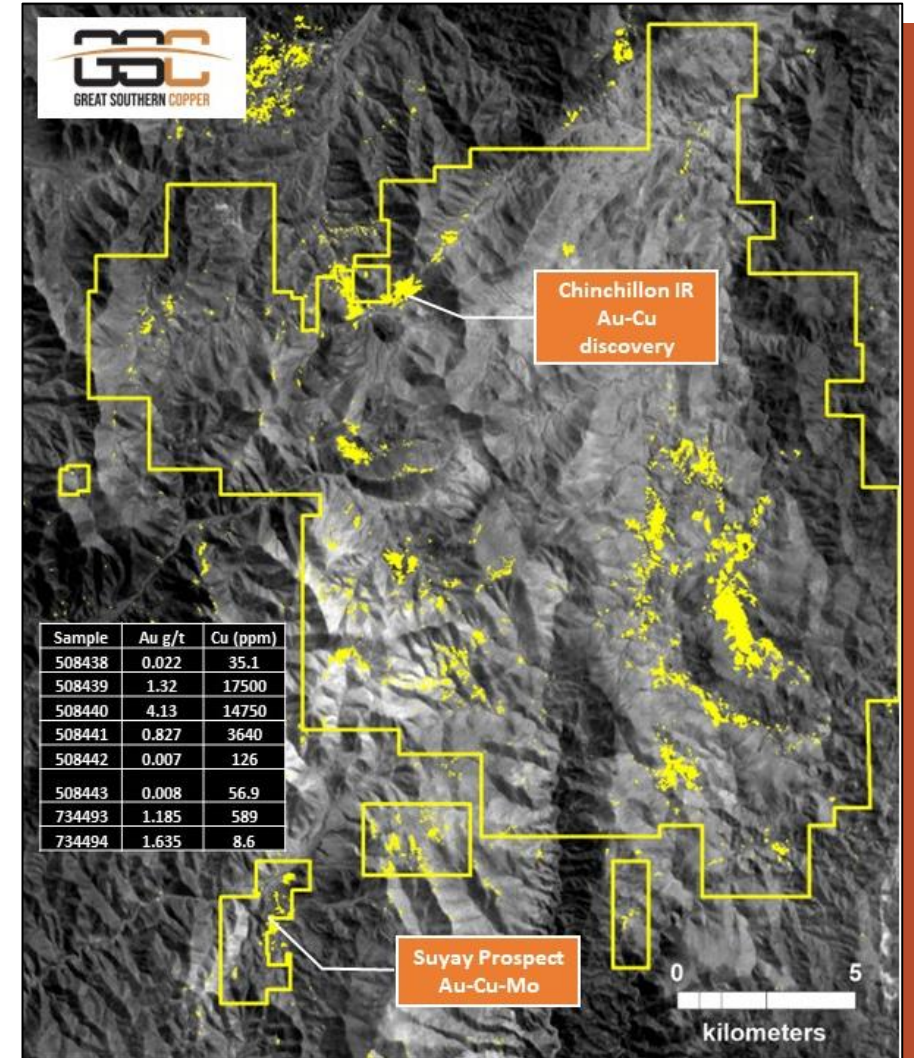
- Mining and Exploration Concessions covering 28,645 ha (286 km²)
- Re-invigorated exploration district in coastal PCD-IOCG belts due to recent exploration successes (Hot Chili, Tribeca)
- Significant Cu-Au mines on trend (Carmen de Andacollo – Teck)
- Discovery by GSC of Intrusive Related Cu-Au system at Chinchillon (3,000m scout drilling in 2022-23)
- Significant untested regional potential in the greater San Lorenzo project area – work at Chinchillon covered less than 10% of project



San Lorenzo – Large untested Landsat anomalies



- District scale remote sensing study identifies multiple clay-ser alteration targets
- Reconnaissance exploration at Suyay confirms porphyry Cu-Au potential
 - Qtz-clay-ser alteration system
 - High grade Au in porphyry type veining up to **4.13g/t Au**
 - High grade Cu (but leached) up to **1.75% Cu**
- Evaluation of regional targets commenced Q4 2023
- Prospect-scale exploration at Suyay 2023-24
 - Mapping and sampling
 - Geophysics (magnetics / IP)
 - Concession consolidation
- **News flow 2024 +**



Lithium in Chile



Salar de Atacama

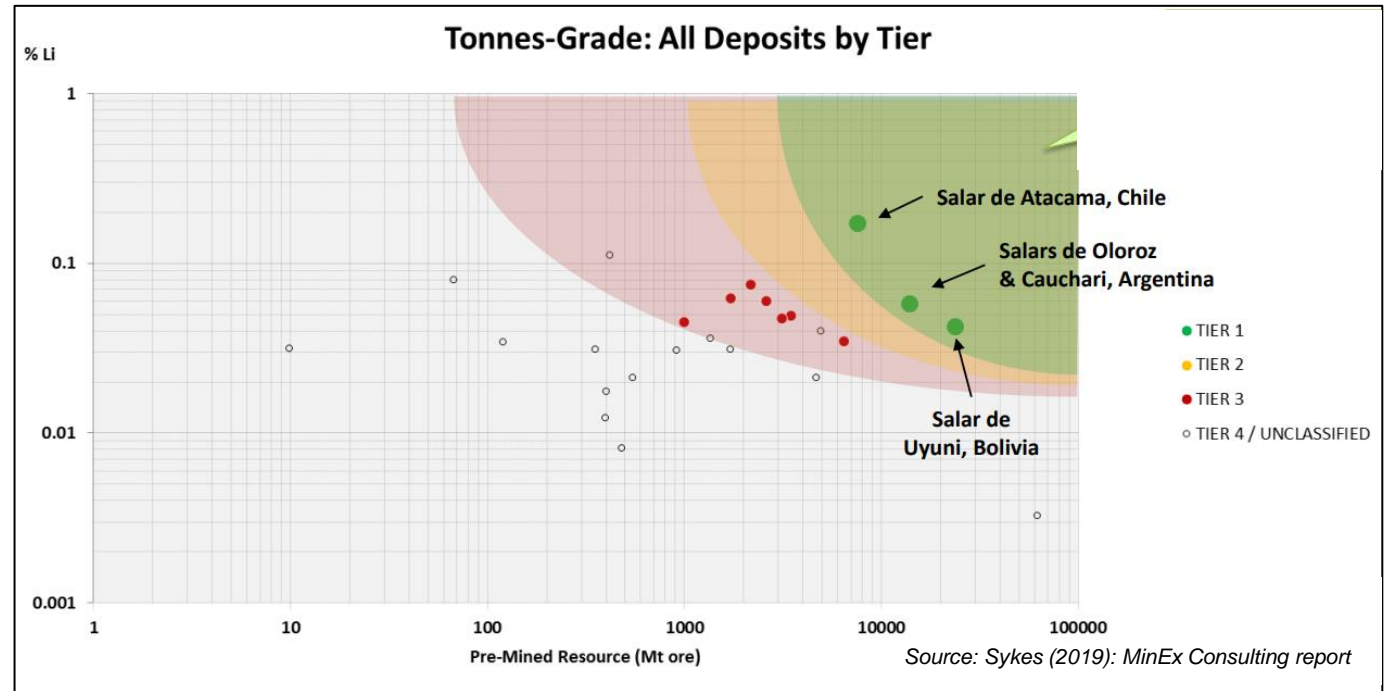
- Largest Li-brine production salar in Chile
- Largest reserves of Li globally
- Low elevation relative to Bolivia and Argentina
- SQM/Albemarle producing LiCO_3 concentrate
- Byproduct potassium chloride and sulphate (fertiliser)

New regulations in Chile

- Chile wants to increase lithium production
- New producers to enter contracts with Codelco / ENAMI
- Direct lithium extraction (DLE) technology
- Increased certainty for production and off-take
- Reliable/experienced partner

Salar de Atacama – Li production

- Lithium-rich brines discovered in Salar de Atacama, Chile in 1969 with production commencing in 1984
- Chile Li production for 2022 estimated at 39,000t with reserves of 9.3Mt (USGS 2023)
- Production dominated by two companies, SQM (Chile) and Albermale (US)
- Concentrates of LiCO_3 and LiOH produced via evaporation
 - **By-product concentrates of B and K produced**
- Salar de Atacama benefits from low elevation and short transport distance to the coast



- The Salar de Atacama is the worlds largest and highest-grade lithium brine deposit
- GSC has strategically targeted Salar de Atacama for its Tier 1 size, grade, location and infrastructure

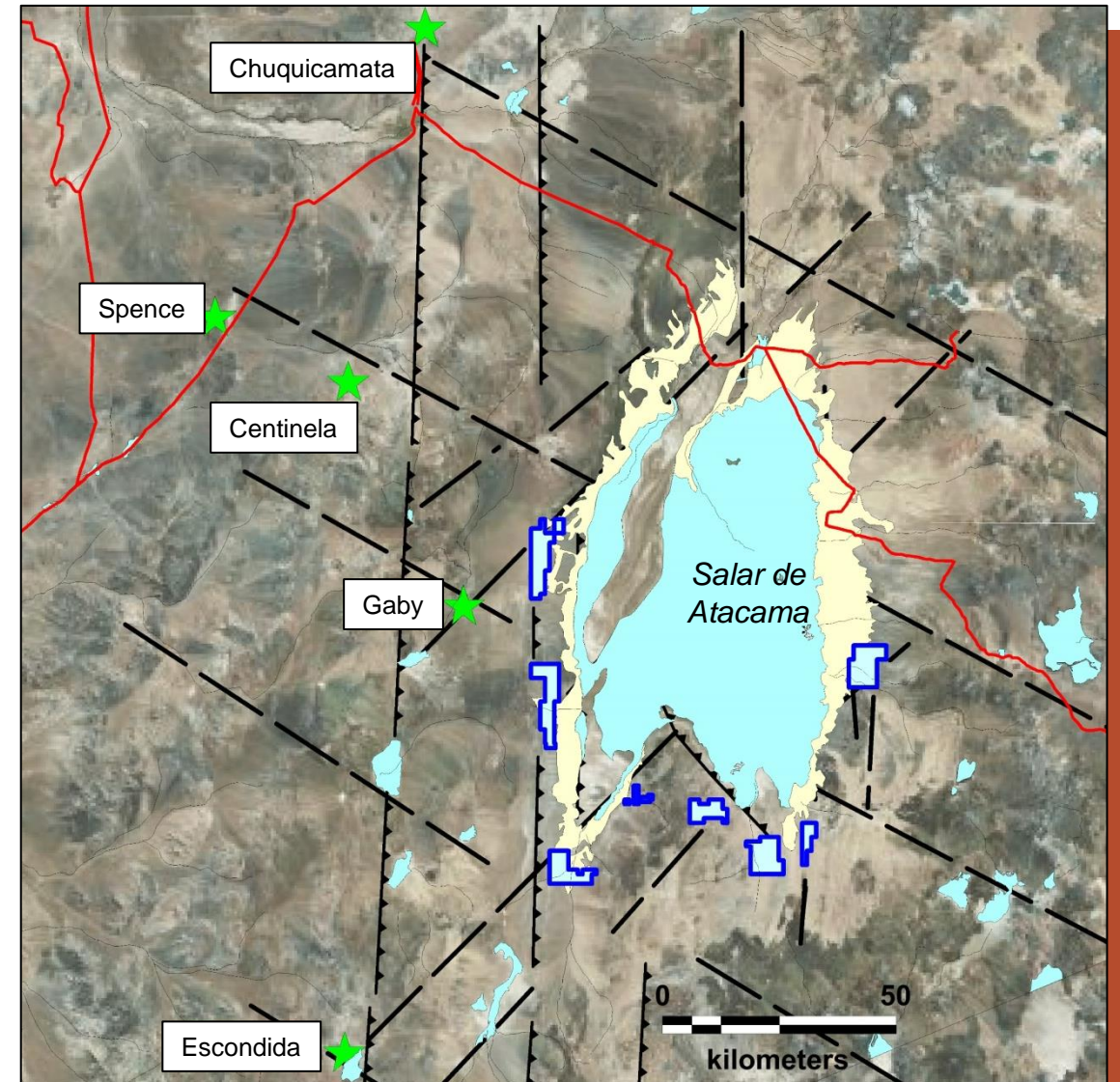
Monti Li project – Salar de Atacama, Chile



GSC Monti Lithium Project concession applications (blue), Salar de Atacama

Monti Lithium Project

- 114 exploration concession applications total 33,100 ha (331 km²)
- Purchase option agreement allows 100% GSC ownership, No NSR
- Scalable opportunity – multiple target sites surrounding salar
- Adjacent to SQM and Albemarle production sites
- Excellent infrastructure in place
- Strategic focus to target basin margin areas;
 - Feeder structures channelling Li-rich brine fluids into the basin
 - Gravel terraces overly salar margins and potential aquifers
 - Giant porphyry Cu deposits aligned on basin-defining structures
- Work programme 2024:
 - Low impact, low cost,
 - Mapping and sampling,
 - Geophysics
- **News flow 2024 +**



Key Corporate Information – May 24



Board Holdings and Major Shareholders (>3%)

Foreign Dimensions Pty	50.29%
Spreadex	5.22%
Lowell Resources Fund	3.30%
Sam Garrett (Director)	3.17%
Other Directors	2.01%

Based on total current shares in issue of 343.5m

Options and Warrants

Description	#	Price	Life/Vest
Warrants - May 2023 fund raise	83.5m	2.4p	3 years
Warrants – Dec 2023 fund raise	40.2m	4.5p	2 years
Warrants - broker	1.4m	10p	3 years
<hr/>			
Options – Seo 2023 scheme	22.5m	1p	vest over 3 years
Options - IPO scheme (1)	5.3m	5p	Vested
Options - IPO scheme (2)	1.6m	1p	vested

Company information

Ticker	Market	Market Cap	Share price	Shares in issue	Brokers
GSCU	LSE	£8.42m	2.45p	343.5m	SI Capital

LSE Share Price (GBP) – 12 months to 20 May 2024



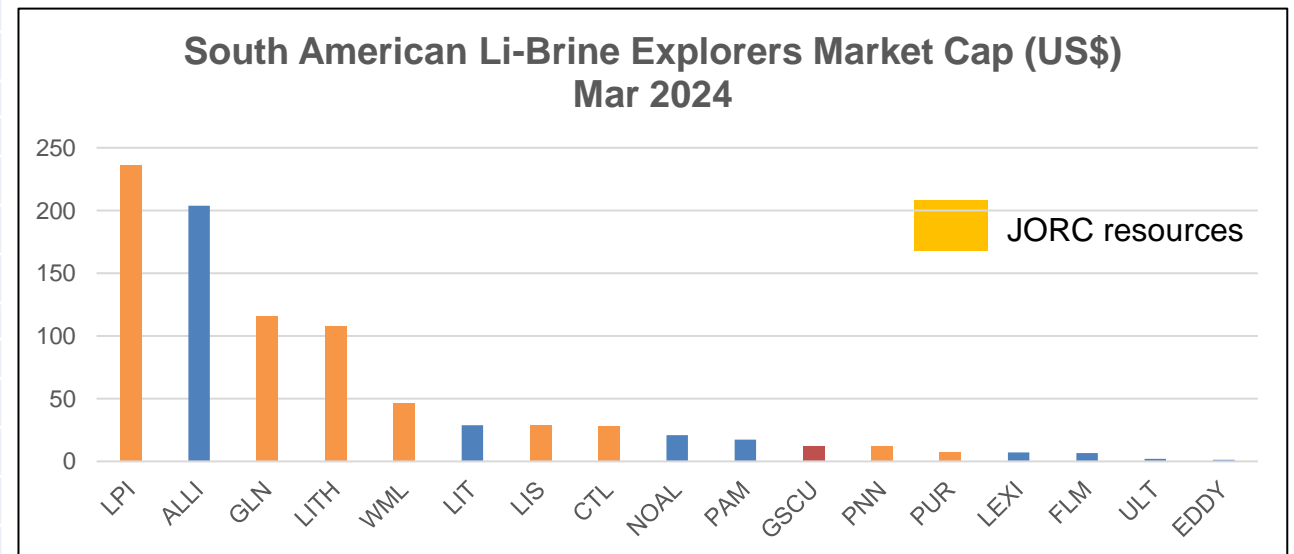
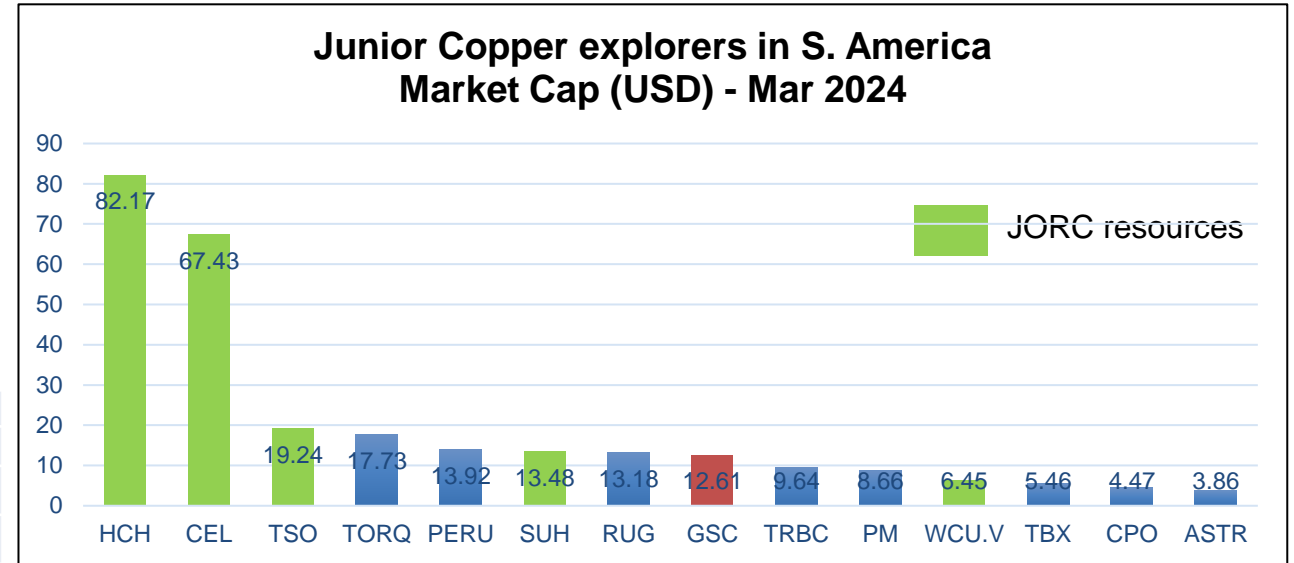
Activity and news flow 2024 - 2025



Highlights:

- Scout drilling to commence at Aurelia and Victoria
- Drilling on two additional prospects in 2024
- Pipeline of drill projects to grow in 2024 - 2025
- Evaluate JV opportunities for Monti Li project

	Q3	Q4	Q1/25	Q2/25	Q3/25
ESPECULARITA PROJECT					
Drilling (Aruelia / Victoria)	[Red bar]				
Drilling (Artemisa / Cerro Negro)		[Red bar]		[Red bar]	
Lithocap exploration	[Red bar]				
Drilling (Lithocap targets)			[Red bar]		
SAN LORENZO PROJECT					
Colorado prospect definition	[Red bar]				
Regional target generation	[Red bar]				
Drilling (Suyay)				[Red bar]	
MONTI LITHIUM PROJECT					
Recon exploration		[Blue bar]			
Geophysics				[Blue bar]	
Drilling					



Board and Management



Charles Bond: Chairman

- Corporate finance lawyer with over 25 years of experience and has worked with mining companies for the past 15 years
- Partner in the London office of international law firm Gowling WLG (UK) LLP where he leads the UK firm's Natural Resources group and Equity Capital Markets team
- Acted as lead counsel for mining companies and financial advisers, advising on IPOs on the London and Toronto stock exchanges, on secondary fundraises, public and private M&A, corporate governance, joint ventures and earn-ins

Sam Garrett: Managing Director

- Geologist with over 30 years of exploration management, project assessment and operational experience working for large multi-national and junior mining and exploration companies in eleven countries and covering a broad range of geological environments
- Specialist in copper and gold exploration with additional experience in iron ore, base metals and other specialist commodities
- Highlights include discovery credits for the Mt. Elliot Cu-Au mine (Qld), Dinkidi Cu-Au mine (Philippines), Tujuh Bukit Au-Ag-Cu mine (Indonesia) and the Havieron Au-Cu project (WA)
- Executive director of ASX-listed Flynn Gold Ltd and he holds non-executive positions in various private and public resource and consulting companies

Martin Page: Chief Financial Officer

- Extensive experience as CFO in the resources sector plus capital and debt markets
- Strong exposure to all sectors of the resources value cycle
- Previous CFO at AIM-listed Trident Royalties plc during company's growth from \$40m to \$200m
- CFO at Toro Gold, operator of the Mako Gold mine in Senegal which was sold to Resolute Mining in 2019 for over \$300m.

Nick Briers: Non-executive Director

- Over 25 years of experience in financial markets heading up Exchange Traded Derivatives sales desks at a number of tier 1 broking houses, most recently at Tullett Prebon, now TPICAP, the worlds largest Inter Dealer Broker
- Formerly a Non-Executive Director of AMTE Power
- Currently a Director of Corporate Broking at SI Capital

Stuart Greene: Non-executive Director

- Geologist with 16 years of experience working in southern Africa as a mine geologist and geological consultant with Western Areas gold mine, SRK Consulting, Knight Piesold, Venmyn Rand and others
- Former Director of RMB Resources, the resource investment arm of First Rand Bank, where he spent 14 years as a mining financier with RMB Resources providing equity and debt finance to junior mining companies
- Currently a founding partner and director of Tanjun Capital Limited, the investment advisor to a credit fund investing in junior and mid-tier mining companies

Doug Kirwin: Technical Advisor

- Independent geologist with 45 years of international experience including holding senior positions with Anglo American and Amax during the 1970s
- In 1995, became VP, Exploration for Indochina Goldfields and subsequently became Executive VP of Ivanhoe Mines Limited until 2012, after which Ivanhoe was acquired by Rio Tinto
- As a member of the joint discovery team for the Hugo Dummett deposit at Oyu Tolgoi in Mongolia, Doug was a co-recipient of the PDAC inaugural Thayer Lindsley medal awarded for the most significant international mineral discovery in 2004
- Other mineral discoveries made by his exploration team include the Jelai-Mewet and Seruyung epithermal deposits in northeast Kalimantan, the Eunsan, Moisan and Gasado gold mines in South Korea, the Moditaung gold deposits in Myanmar and the Merlin Re-Mo deposit in Australia

Summary

- **Chile** Largest reserves of copper and lithium
- **Jurisdiction** Tier 1 - Globally significant mining location
- **Copper, gold and lithium** Strong market drivers and commodity optionality
- **Three projects** San Lorenzo Cu-Au, Especularita Cu-Au, Monti Li
- **100% rights** Leveraged for success. No NSR
- **Infrastructure** Well located near to roads, power, towns, ports
- **Scale** Targeting PCD-IR-IOCG Cu-Au deposits, Li brine
- **LSE listed** Dec. '21 listing on LSE raising c.£3.5m
- **Executive Management** Significant discovery experience in Cu-Au





Contact us:
info@gscplc.com



GSC's 100% Chilean exploration team, Especularita project, Feb 2023