ORIGEN RESOURCES

DISCOVERY DRIVEN VALUE CREATION

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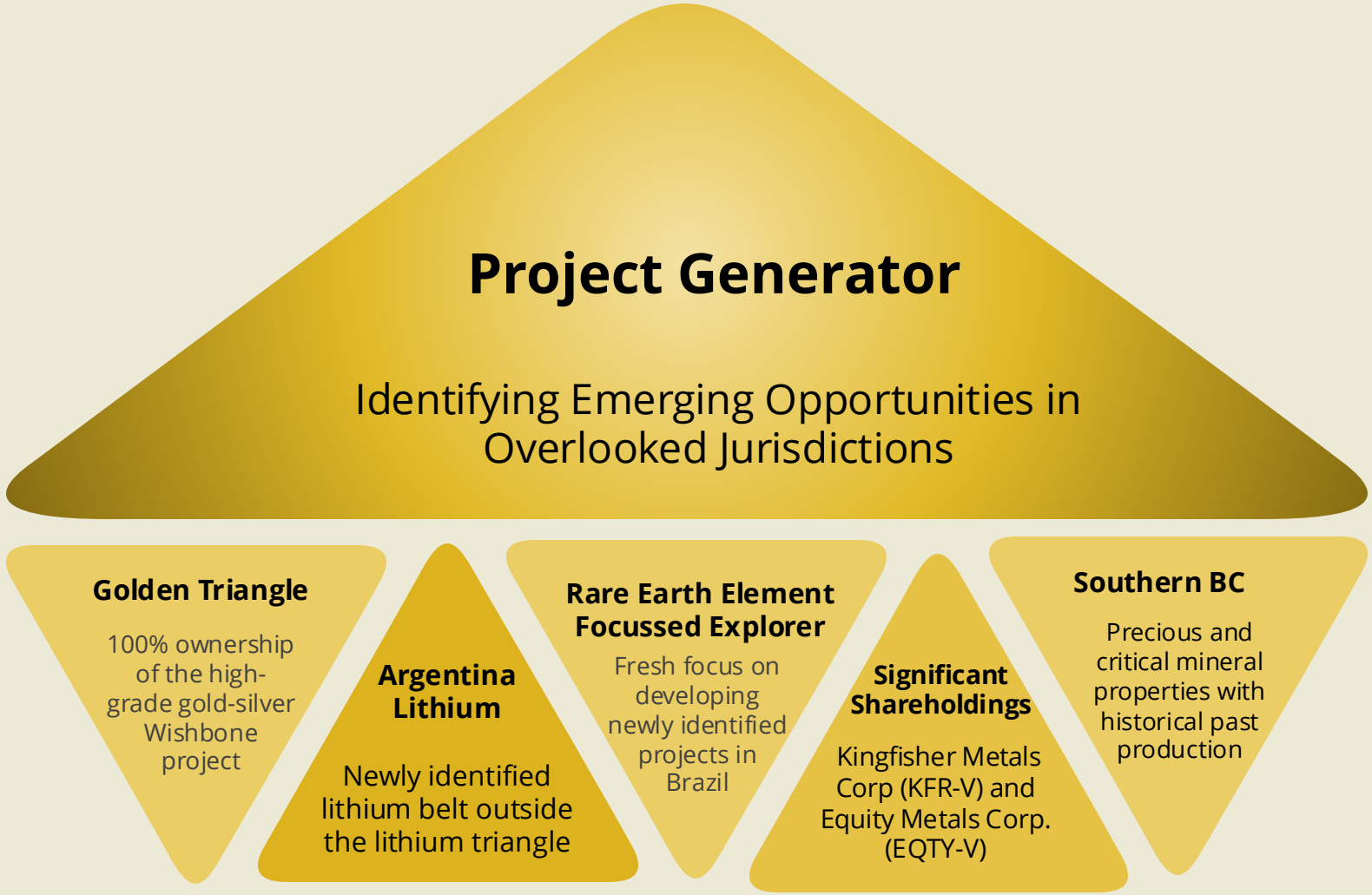
The technical information in this presentation has been reviewed and approved by Dr. Thomas Hawkins a Qualified Person as defined by National Instrument 43-101 on January 28, 2026. Mineralization on adjacent Properties may not be indicative of Origen Resources' Properties

COMPANY SNAPSHOT



MANAGEMENT

Gary Schellenberg, B.Sc.
CEO, Chairman and Director

40+ years experience in mineral exploration and venture markets. Founder of Coast Mountain Geological and former Director of Kodiak Copper; founding Director of Winspear Resources (Snap Lake discovery, later operated by De Beers) and has held numerous other board positions with junior explorers.

Thomas Hawkins, PhD
Director

+20 yrs experience in mineral exploration and project evaluation. Former Curator at the UK Natural History Museum with numerous academic publications. Discoverer of the Vanadium Pass deposit (2018) and part of the Kenorland team behind the Regnault discovery. Held senior roles with Santa Fe Metals, Northway, Kenorland, and Pacific Empire.

Geoff Schellenberg, B.Comm.
Director

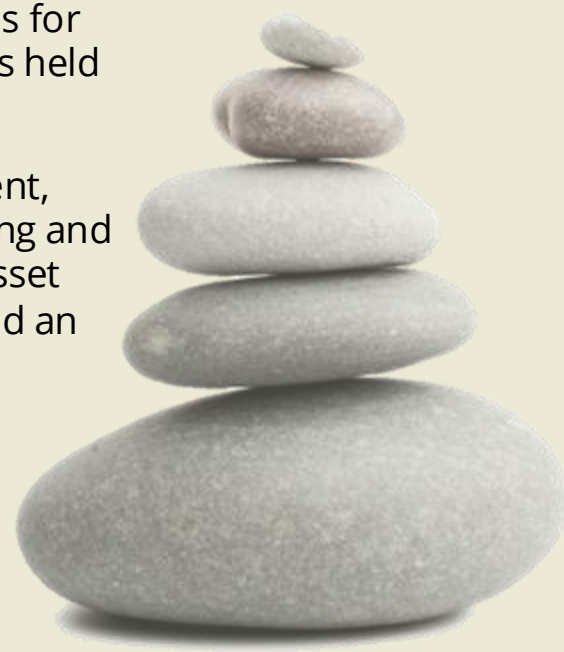
+20 yrs experience in mineral exploration and project management. Currently President of Coast Mountain Geological, overseeing exploration programs for clients ranging from junior explorers to major mining companies, and has held other board positions with junior explorers.

Paul Chung, B.Sc.
Director

Accomplished executive with extensive experience in project management, international negotiations, and public markets. Co-founder of Luca Mining and former Director of Patriot Battery Metals, with a strong background in asset acquisition and strategic planning. Holds a B.Sc. in Geology from UBC and an MBA in IT from Athabasca University.

Lawrence Cheung, CPA
CFO

CFO of Origen and Controller at Malaspina Consultants, providing financial reporting and regulatory services to public and private companies. Former Senior Associate at PwC with expertise in IFRS, ASPE, and US GAAP. Holds a B.Com. in Accounting from UBC Sauder and is a CPA in British Columbia.



SHARE STRUCTURE

As of January 15, 2026

Shares Outstanding:	57,930,154
Warrants	5,938,750
Options	4,775,000
Fully Diluted	68,643,904

The Focus on Rare Earth Elements

What Are REEs and Why Are They Important?

- Rare Earth Elements (REEs) are a group of 17 metals known for their unique magnetic, optical, and other special properties.
- These elements are essential to modern technologies, from electric vehicles and wind turbines to smartphones and advanced defense systems.
- China currently controls the majority of global reserves and processing.
- Renewed focus by western countries to reduce dependence on supply from China is driving new exploration.

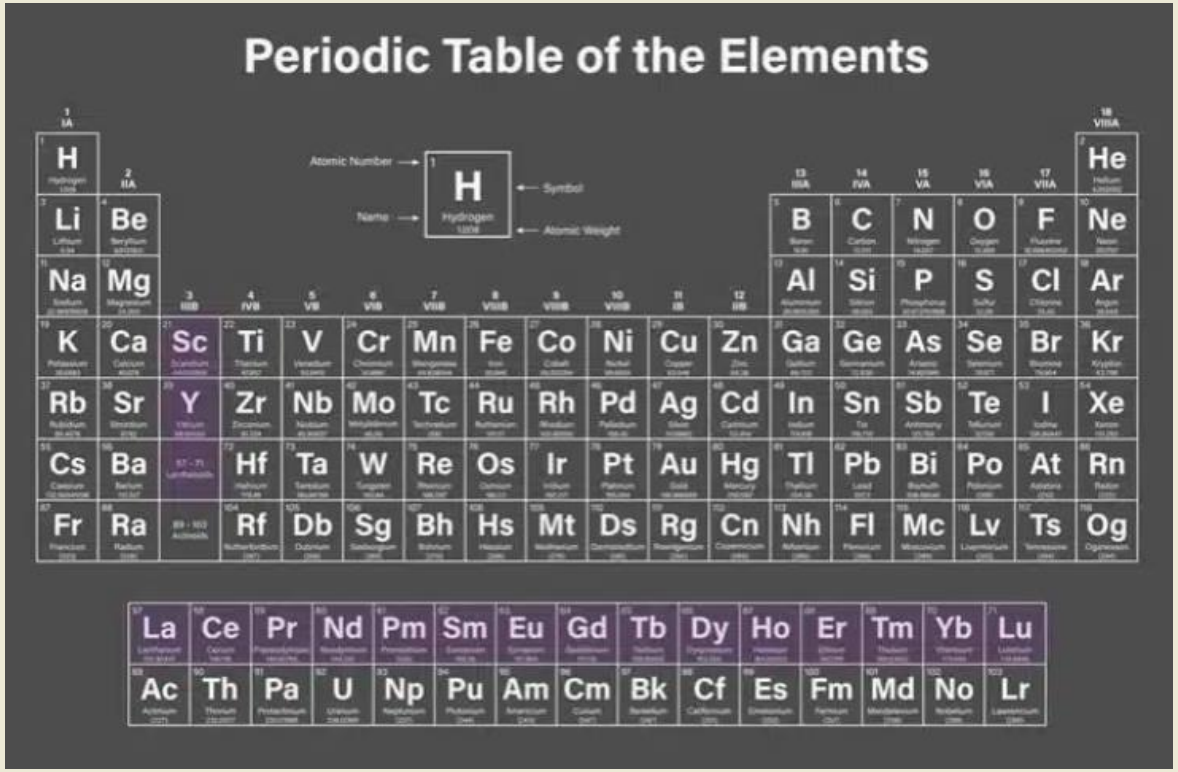
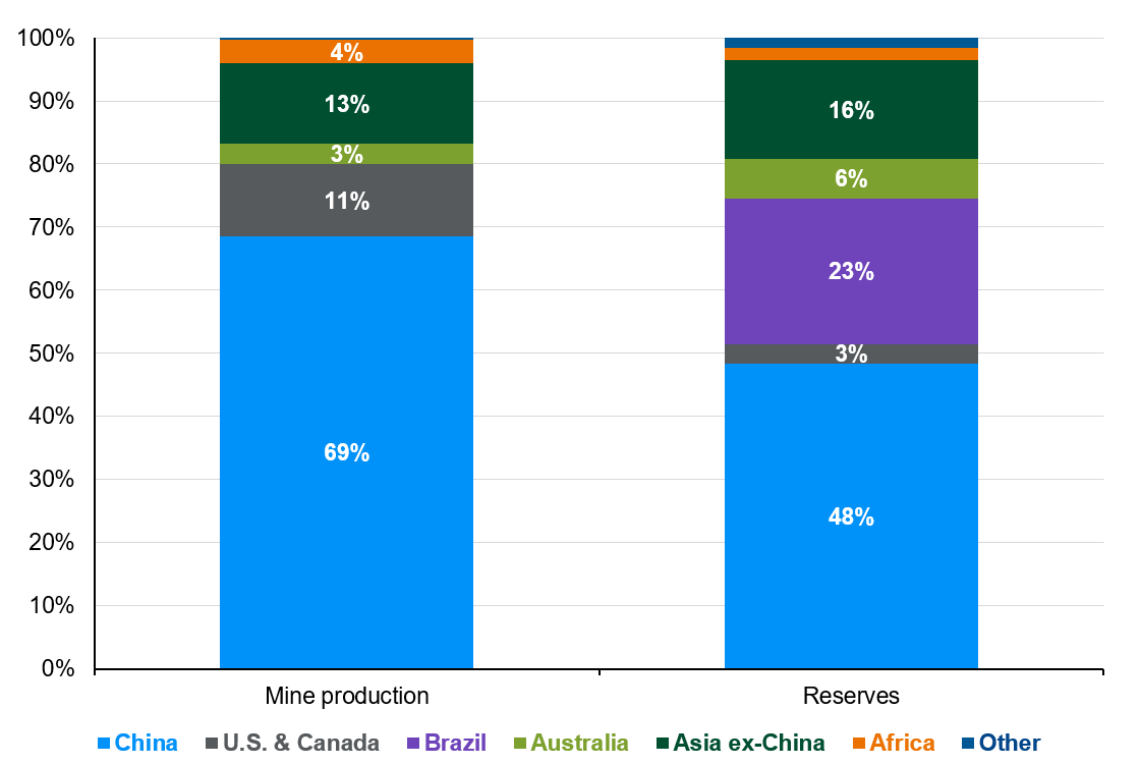


Image from: https://rareearthexchanges.com/learn/rare-earths/

The Focus on Rare Earth Elements
Current Supply Metrics and the Focus on Brazil

% of Total Production and Reserves, 2024



- China controls majority of REE production and reserves, but other reserves are found worldwide.
- Brazil has the second largest known REE reserves in the world yet remains heavily under explored.
- Brazil has the 9th largest global economy with mining driving 23% of exports.
- Brazil has an excellent regulatory framework and strong government support for critical mineral projects.

Source: U.S. Geological Survey Mineral Commodity Summaries 2025, J.P. Morgan Asset Management. Figures are estimates due to a lack of data availability in some countries. Mine production for China is based on production quotas and does not include undocumented production. https://am.jpmorgan.com/us/en/asset-management/adv/insights/market-insights/market-updates/on-the-minds-of-investors/why-are-rare-earth-metals-important/

Brazil Rare Earth Projects – The Opportunity

Located in Piaui State, Northeastern Brazil

- Emerging Rare Earth (REE) district with little prior exploration.
- First mover advantage; LOI signed to acquire a 3,978-hectares with a right of first refusal on an additional 9,902 hectares of land.
- Vendor sampling returned 1.61% TREO (ex-Y), 20.5% HREEs, with additional samples 0.19–0.32% TREO, (all in float); early-stage confirmation of mineral potential.

Picos Rare Earth Project
Initial Site Investigation

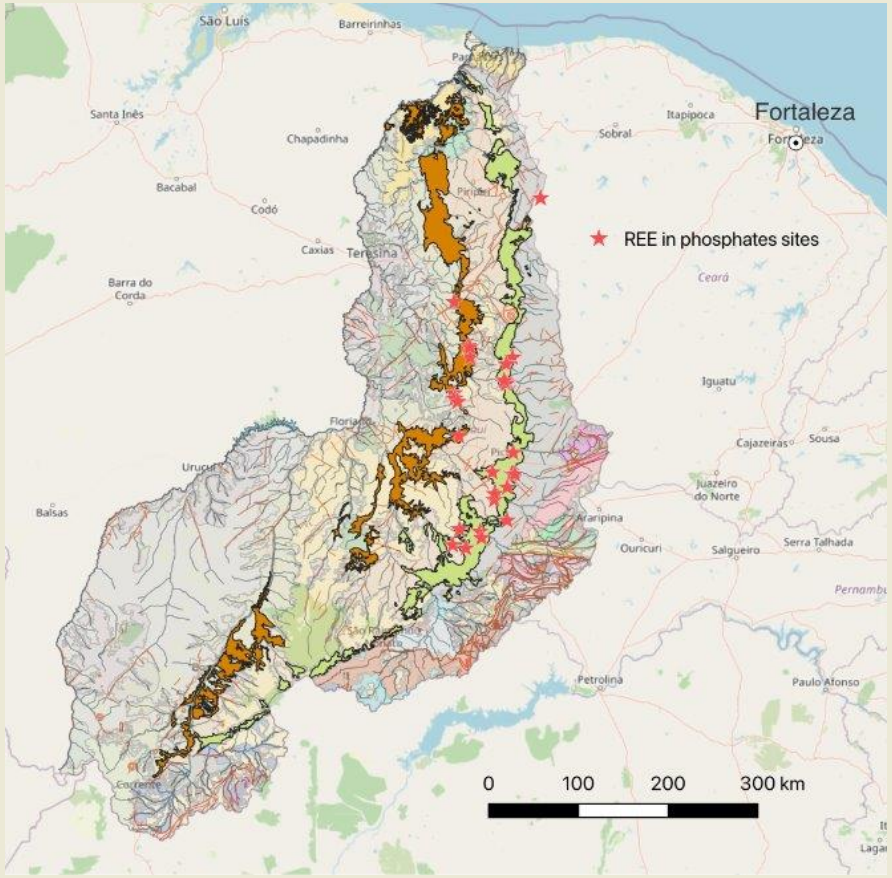
Phosphate Rich Beds Investigated During Field Program

Due Diligence Field Program Completed Late 2025

- Identified phosphate beds with elevated REE's.
- Field sampling of prospective areas was completed with assays pending.
- XRF analysis confirmed prospective mineralization.
- Mapping, gamma spectrometer and XRF methods identified additional prospective sites.

Picos Rare Earth Project

The Significant Relationship Between Phosphates and REEs



REE Showings in Phosphates in Piaui as Mapped by SGB (Brazil Geological Survey)

- Phosphates deposited during the Devonian Period are uniquely anomalous in REEs
- Initial results from Picos show a much higher proportion of HREE than Mountain Pass, the only REE producer in the United States.
- HREEs are essential for their importance in clean energy and national security technologies.
- Devonian Phosphates like those present on the Picos REE project are also a potential source rock for Ionic Adsorption Clay Deposits
- Emerging important REE source due to potentially simpler extraction, lower cost and higher HREE percentage.

Picos Rare Earth Project
Next Steps

- Geological evaluation underway on two distinct models:
  - Phosphate-hosted HREE-enriched targets
  - Ion Adsorption Clay Deposit (IACD) potential — also a globally important source of heavy REE.
- Evaluation of additional ground acquisitions in the region.
- Initial field sampling results are expected shortly.
- Follow-up field program to commence in the coming weeks to delineate targets for inaugural drilling.

OTHER PROJECTS

Available for Option

Golden Triangle

Wishbone Drill permitted, 3,941 ha project adjacent to Galore Creek. 9km trend along series of gold and silver rich targets. Samples of 8.5 ppm gold in soil and [1]grab samples of up 202.6 ppm in rock.

Southern BC

Broken Handle: 2,098 ha historical mine - high-grade precious and base metals located 50 km north of Grand Forks.

Bonanza Mountain: 100% interest in 1,604 ha historically mined high-grade precious and base metal project located 20 km north of Grand Forks.

Argentina Lithium

Los Sapitos, Argentina The 27,000 ha project is a new brine and clay lithium exploration target within a prospective tectonic corridor in northern San Juan province.

[1]Grab samples are by definition selective. Grab samples are solely designed to show the presence or absence of mineralization, and are not intended to provide nor should be construed as a representative indication of grade or mineralization at the Project.

[2] Referenced nearby historic resources, deposits and mines provide geologic context for the Project, but are not necessarily indicative that the Project hosts similar potential, size or grades of mineralization.

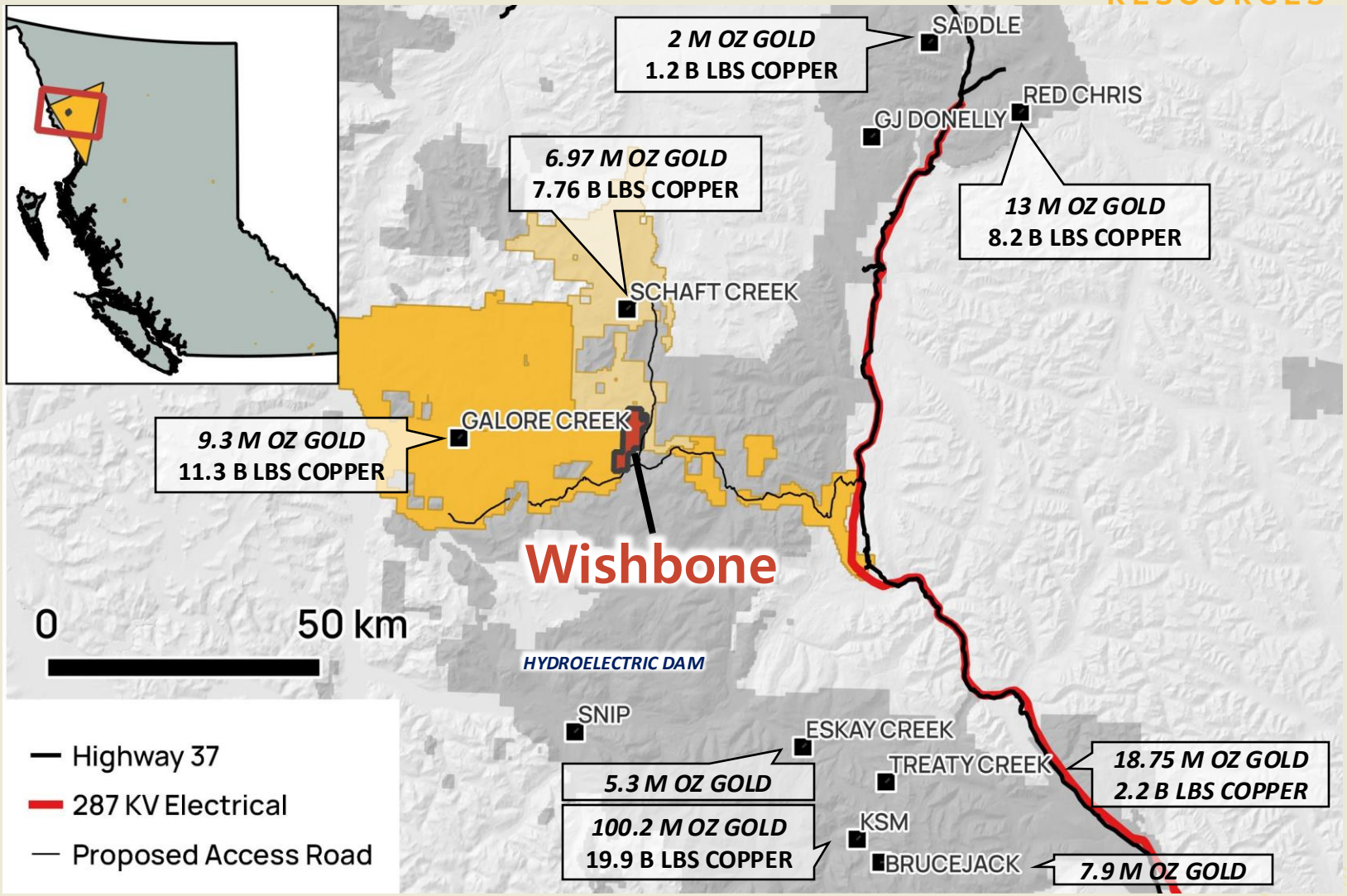
GOLDEN TRIANGLE WISHBONE

British Columbia Targets Redefined

Major Resources (Measured and Indicated) Within 75km of the LGM and Wishbone Claims

Deposit	Copper (Blb)	Gold (Moz)	Ag (Moz)
KSM	*19.9*	*100.2*	*426.9*
TREATY CREEK	*2.18*	*18.75*	*112.4*
RED CHRIS	*8.2*	*13*	
GALORE CREEK	*11.3*	*9.259*	*149.8*
SCHAFT CREEK	*7.76*	*6.97*	*54.26*
BRUCE JACK		*7.9*	*21*
ESKAY CREEK		*3.9*	*101*
SADDLE	*1.8*	*3.47*	*7.6*
TOTAL	**51**	**163**	**873**

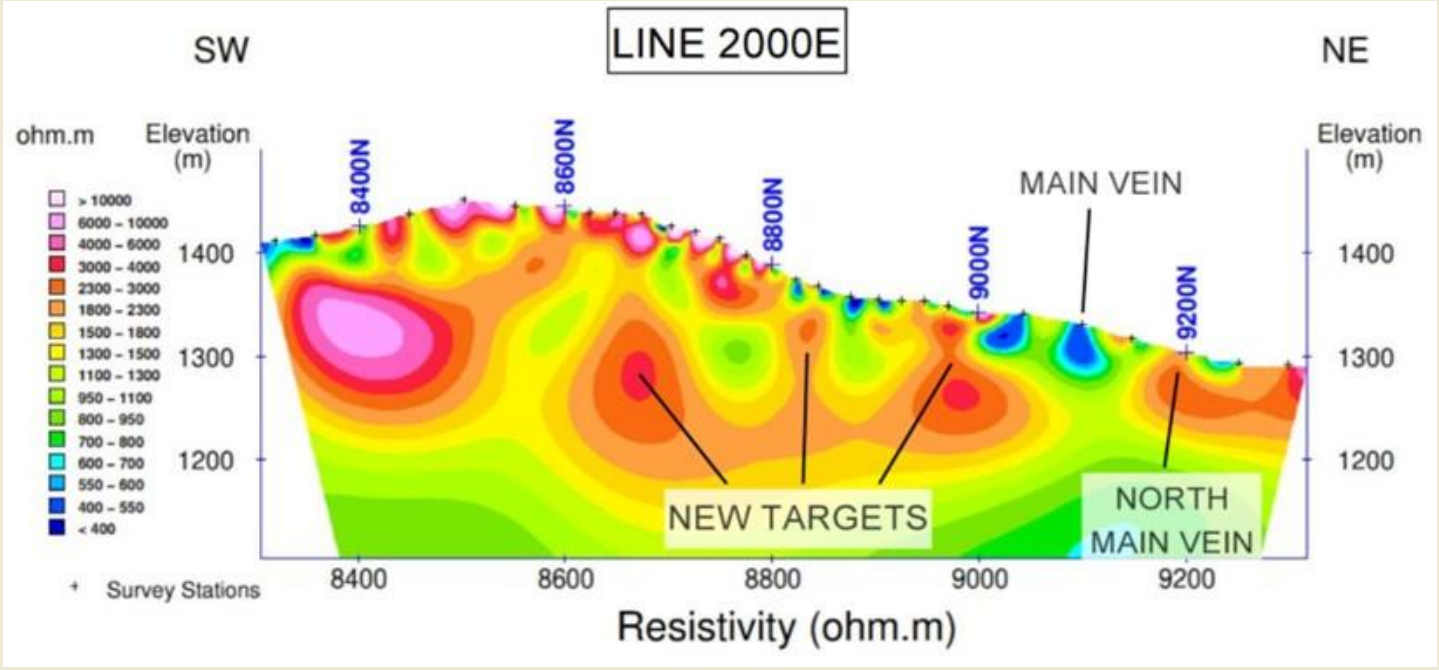
References: KSM : Seabridge (M+I) – 2022. TREATY CREEK -Tudor Gold (M+I) Website. RED CHRIS Imperial Metals (M+I) 2021. GALORE CREEK: Galore Creek (M+I) -2014. SCHAFT CREEK - Copper Fox – Reserves Website. ESKAY CREEK: Skeena Resources (M+I) -2021 -website. SADDLE: GT Gold (Indicated) - 2020. BRUCE JACK: Newcrest Annual Mineral Resources statement, 2023



WISHBONE PROJECT

British Columbia Targets Redefined

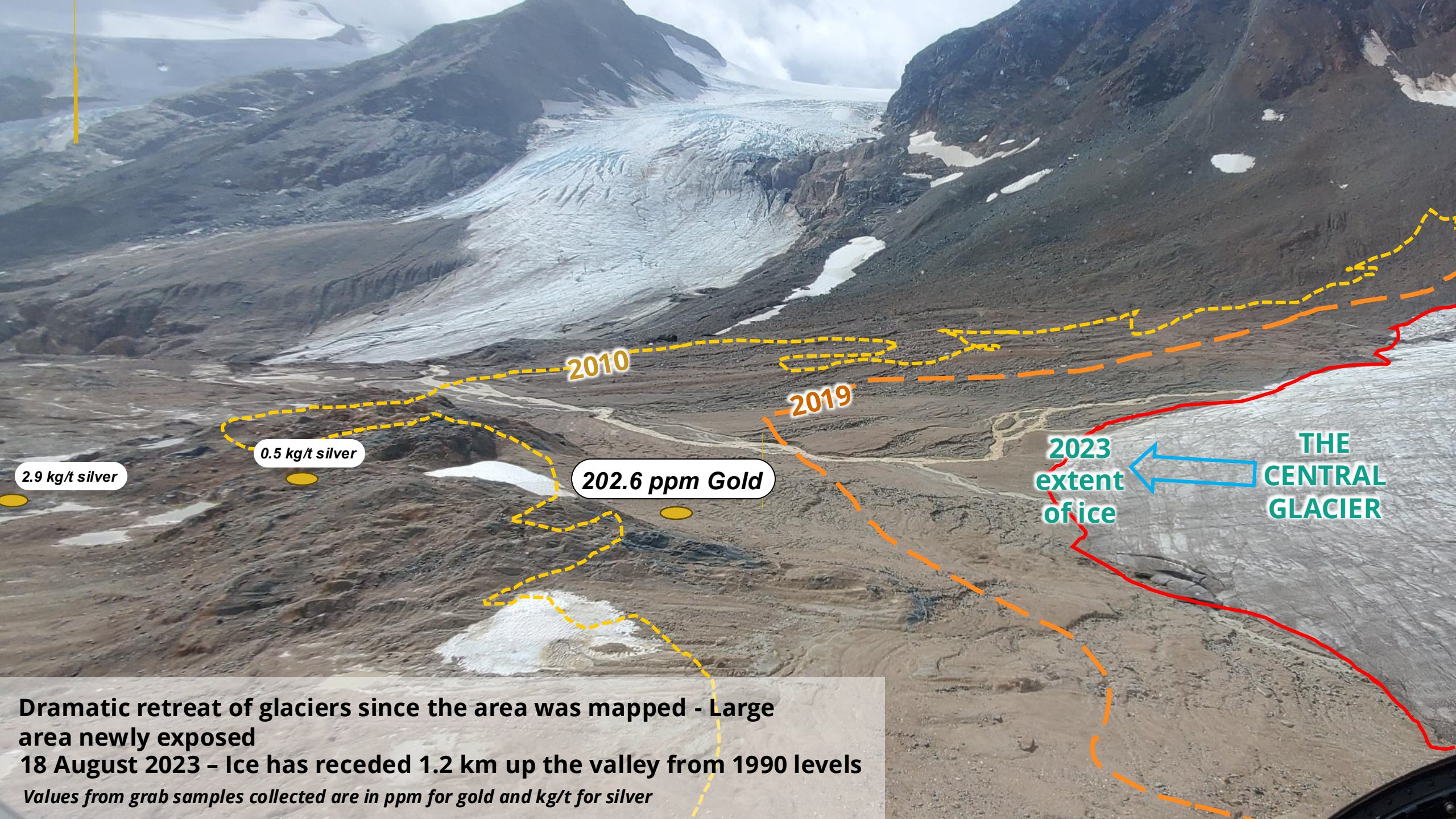
- Drill permitted 3,971 ha. Property adjacent to Galore Creek, jointly owned by Teck and Newmont
- 11 target areas over a 9 km trend.
- Numerous soil samples greater than 1000 ppb (or 1 g/t) gold.
- Historical grab samples as high as 6.7 kg/t silver and 202 g/t gold
- Airborne geophysics highlighted underlying structures on the property.
- Rapidly receding glacial ice has exposed new high grade gold showings.
- Both the proposed Galore and Schaft Creek access roads cross the property.
- IP has outlined multiple high priority drill targets



2025 IP Survey Results Outlining High Priority Targets

WISHBONE PROJECT

British Columbia Targets Redefined



Dramatic retreat of glaciers since the area was mapped - Large area newly exposed
18 August 2023 – Ice has receded 1.2 km up the valley from 1990 levels

Values from grab samples collected are in ppm for gold and kg/t for silver

LOS SAPITOS PROJECT

San Juan Argentina – Lithium Brine

Origen previously recognized that the geology of the mining-friendly northern San Juan Province was similar to that of within the established lithium belts in the north of the country.

Guided by this exploration model Origen was able to acquire a district-sized contiguous land package around a mostly-buried Los Sapitos salar in San Juan.

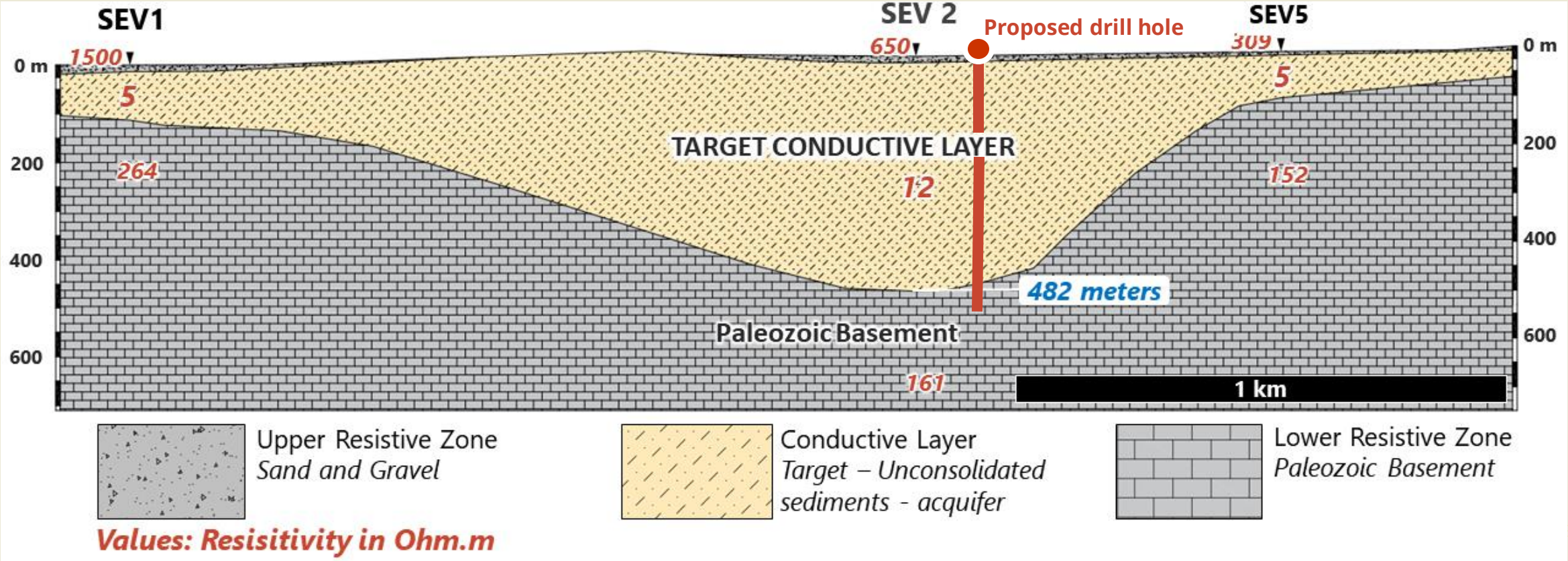
Since the acquisition Tres Quebradas was sold for $920M CAD far south of the current Lithium Triangle.

LOS SAPITOS PROJECT

San Juan Argentina – Lithium Brine

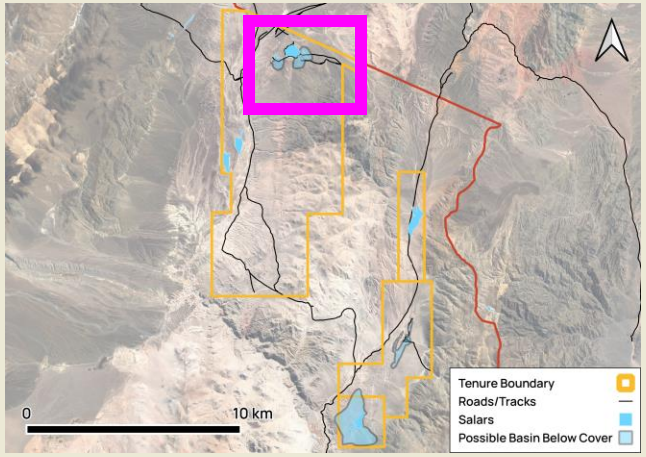
Result of 2023 geophysics showing the morphology of the basin
In July 2023 field teams carried out 3 vertical electrical sounding surveys at three locations in the area.

Los Sapitos Salar



LOS SAPITOS PROJECT

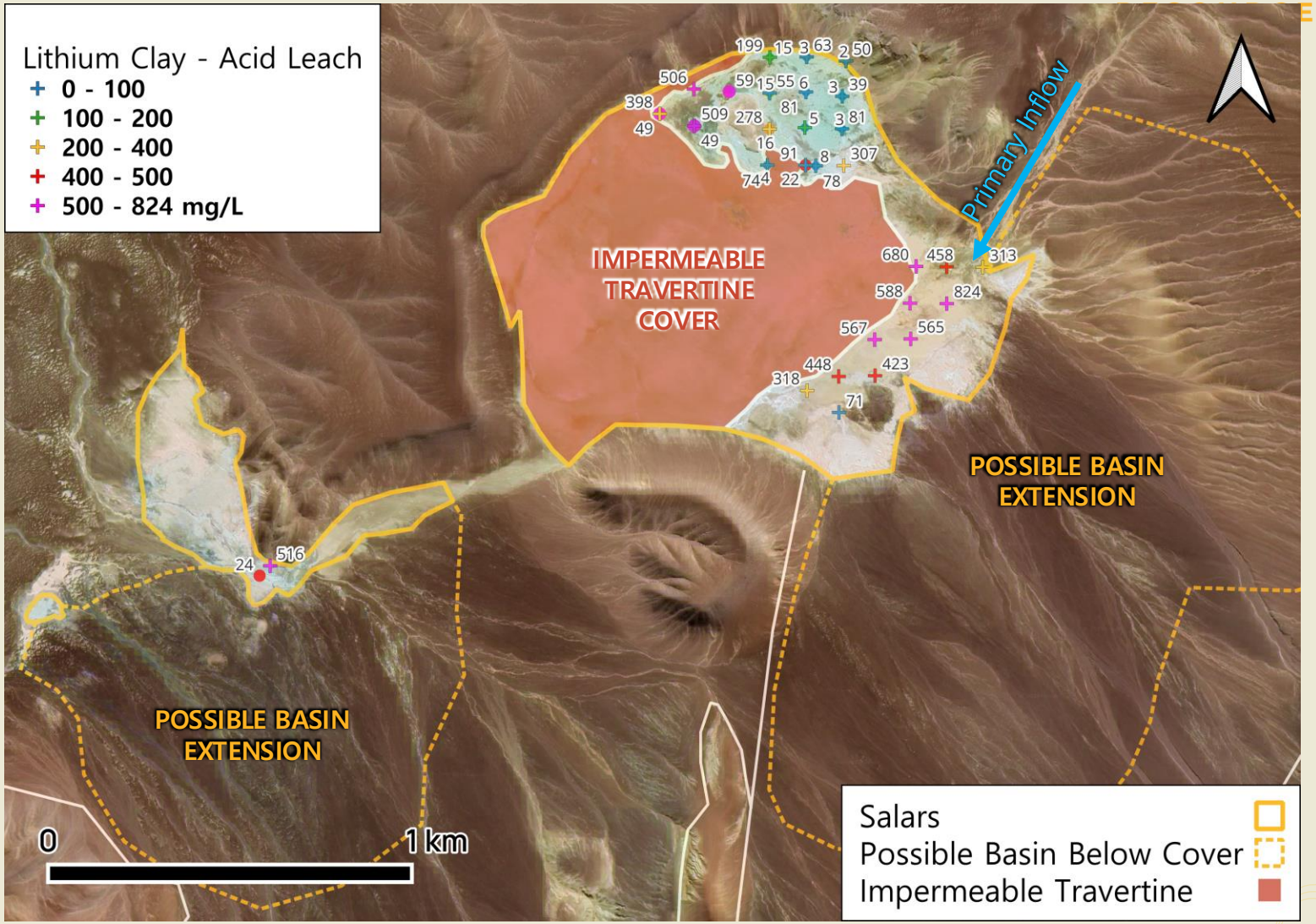
San Juan Argentina – Lithium Brine



2023 silt and brine samples collected from the Los Sapitos salar

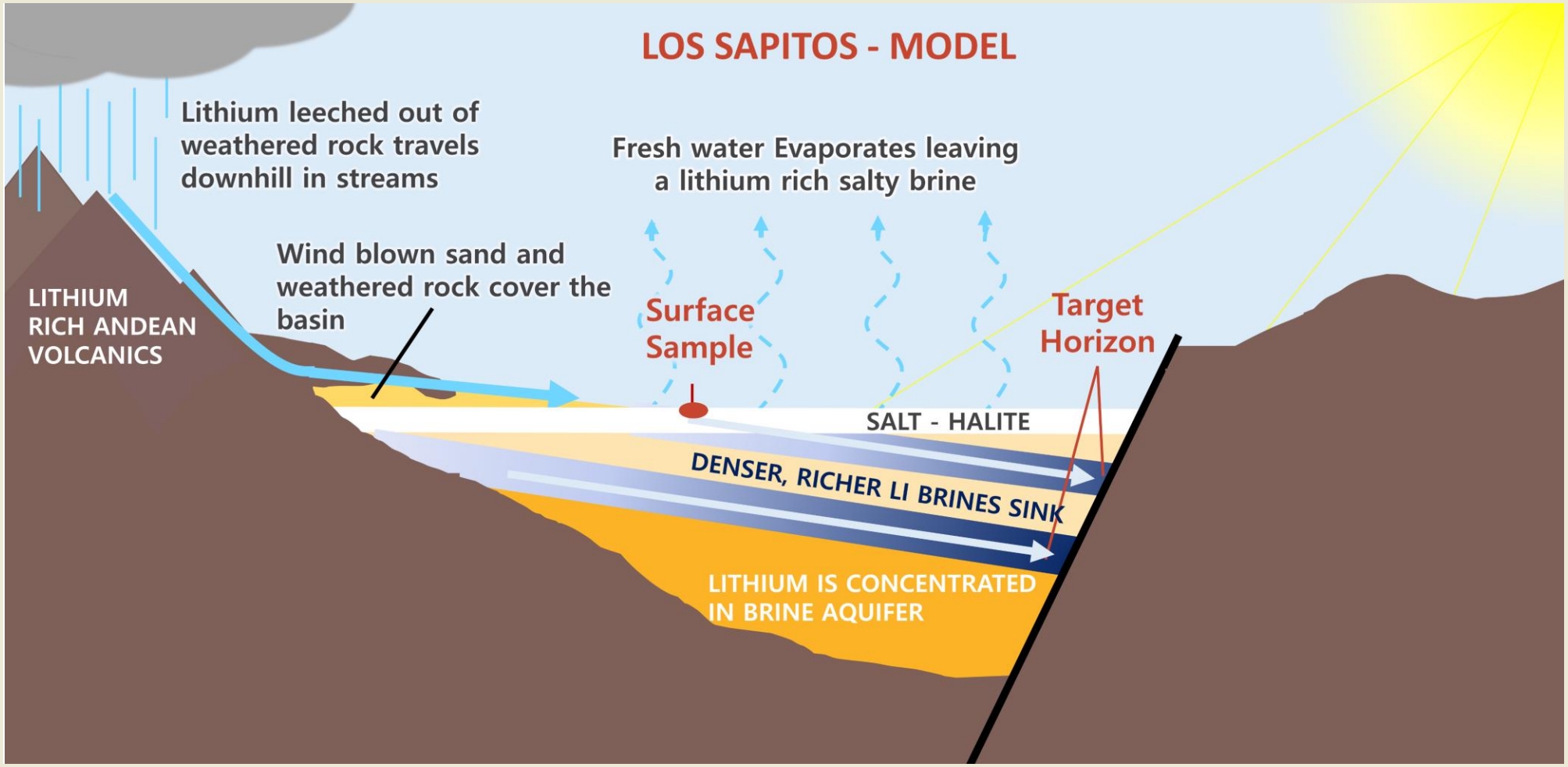
The results show that significant lithium is found both in clays and in evaporite mineralization along the eastern edge of the salar and in brine samples on the north-western part of the salar.

These areas will be targeted in upcoming drilling as well to test through the impermeable travertine



LOS SAPITOS PROJECT

San Juan Argentina – Lithium Brine



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