



Energy from Experience

May 2022



GROSSO GROUP MEMBER COMPANY

OTC: PNXLF

TSX-V: LIT

FSE: OAY3

Forward Looking Statements

This Presentation contains “forward-looking statements” within the meaning of Canadian securities legislation. Such forward-looking statements concern the Company’s anticipated results and developments in the Company’s operations in future periods, plans related to its business and other matters that may occur in the future. Actual results in each case could differ materially from those currently anticipated in such statements.

The information provided in this presentation is not intended to be a comprehensive review of all matters and developments concerning the Company. It should be read in conjunction with all other disclosure documents of the Company. The information contained herein is not a substitute for detailed investigation or analysis. No securities commission or regulatory authority has reviewed the accuracy or adequacy of the information presented. The Company undertakes no obligation to publicly update or revise any forward-looking statements other than as required under applicable law.

We advise U.S. investors that the SEC's mining guidelines strictly prohibit information of this type in documents filed with the SEC. U.S. investors are cautioned that mineral deposits on adjacent properties are not indicative of mineral deposits on our properties.

Lithium deposits and resources owned by other companies referred to in this presentation have not been independently verified by the Corporation and information regarding these deposits are drawn from publicly available information. There is no certainty that further exploration of the Corporation's uranium targets will result in the delineation of a similar mineral resources.

This presentation has been reviewed and approved by David Terry, Ph.D., P. Geo, a Qualified Person as defined in NI 43-101.

Exploring the Prolific Lithium Triangle

- Lithium Triangle produces ~1/2 of the world's lithium
- Hosts ~60% of known lithium reserves
- Most lithium is in salt lake ("salar") brines
- Argentina produces ~10% of the world's lithium and is a top-5 global producer (2020)
- In close proximity to rail, water, roads and power
- Argentine government is encouraging foreign investment and renewable energy initiatives



The Grosso Group Advantage

The Grosso Group management company has been a **pioneer of mineral exploration in Argentina** since 1993.

The Group has built a **vast network** of industry and government contacts, giving its Member Companies a distinct advantage in the acquisition, exploration and development of mineral projects.

The Grosso Group maintains a strong focus on the environment, the communities, and the cultures in the areas where it operates.



The Grosso Group has been involved in four major mineral discoveries in Argentina

- Gualcamayo Au (Mineros SA)
- Chinchillas Ag-Pb-Zn (SSR Mining Inc.)
- Navidad Ag-Pb (Pan American Silver Corp.)
- Amarillo Grande U-V (Blue Sky Uranium Corp.)



Management Team



**Joseph Grosso,
Director**

President & Founder of the Grosso Group management company & pioneer of exploration in Argentina since 1993.



**Nikolaos Cacos,
President and CEO, Director**

Over 30 years of management expertise in the mineral exploration industry: extensive experience in providing strategic planning to and administration of public companies.



**Dr. John Gammon,
Director**

40 years of experience in mineral exploration and management, aboriginal community and environmental issues



**Miles Rideout,
VP of Exploration**

34 years of experience in advanced exploration practice, responsible business management, scientific team building, and mining integration with local communities and indigenous peoples.



**Dr. David Terry,
Qualified Person**

Professional economic geologist with 30+ years of international experience in the mineral resources sector, including lithium exploration projects.



**Darren Urquhart,
CFO**

Chartered Professional Accountant with twenty years experience in public practice and industry.



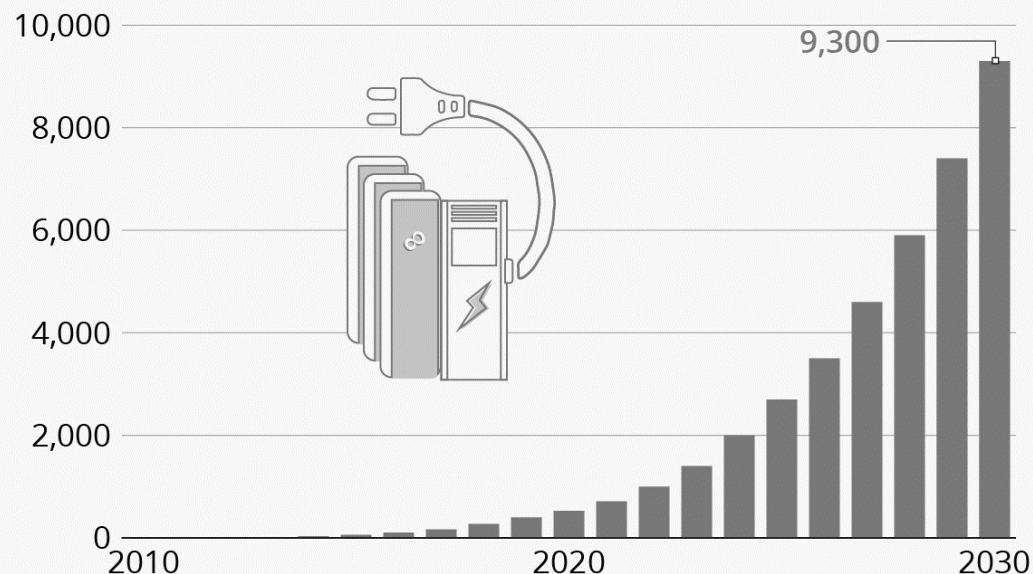
**Connie Norman,
Corporate Secretary**

18 years of experience corporate secretarial and regulatory compliance services to public companies.

The Lithium Battery – Fueling the Green Revolution

High Demand for Lithium-Ion Batteries

Cumulative lithium-ion battery demand for electric vehicle/energy storage applications (in GW hours)



Source: Bloomberg



<https://www.statista.com/chart/23808/lithium-ion-battery-demand/>

statista

Biden's EV plan would create bull conditions for energy metals — report

MINING.com Editor | April 9, 2021 | 12:42 pm [Battery Metals Intelligence Top](#)
[Companies](#) [China](#) [Europe](#) [USA](#) [Cobalt](#) [Copper](#) [Lithium](#)

Shift in UK's EV policy to boost battery material demand

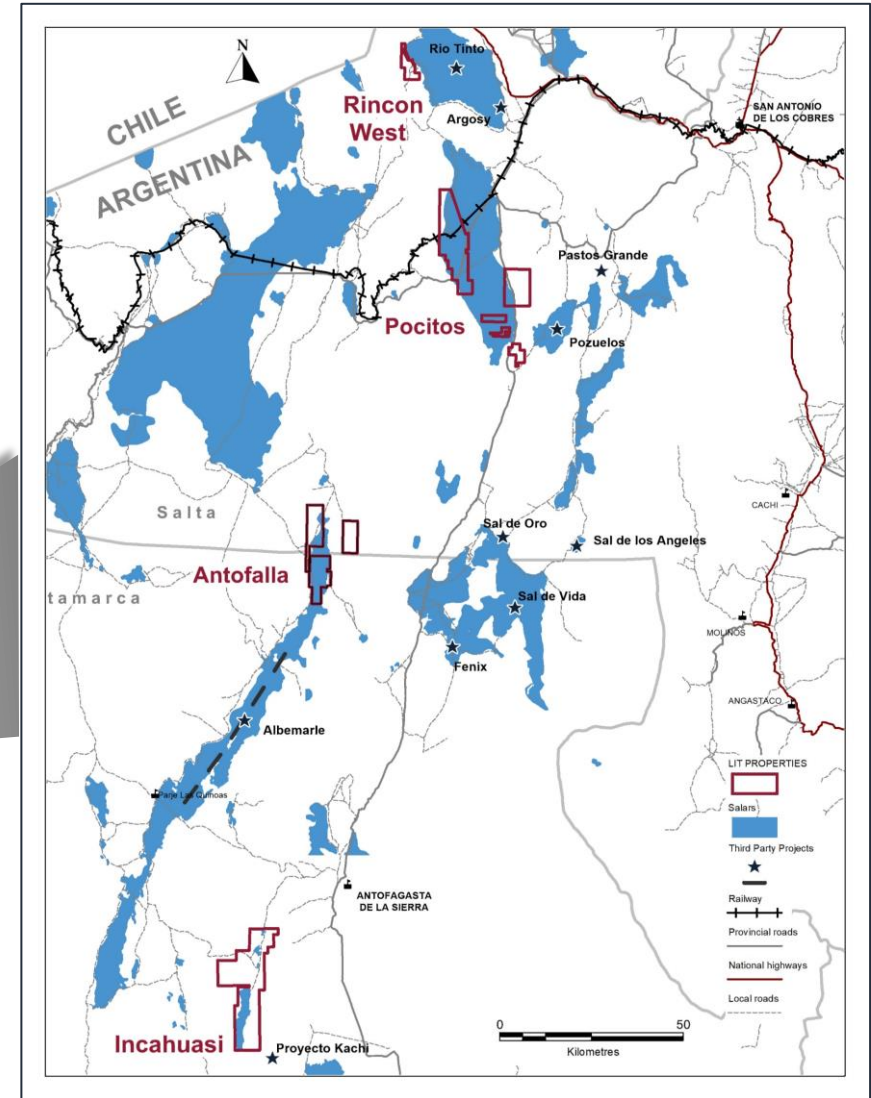
The British government has brought forward a ban on the sale of internal combustion engine cars in a move which will boost demand for battery materials, including lithium.

February 04, 2020 15:31 PM By [William Clarke](#)

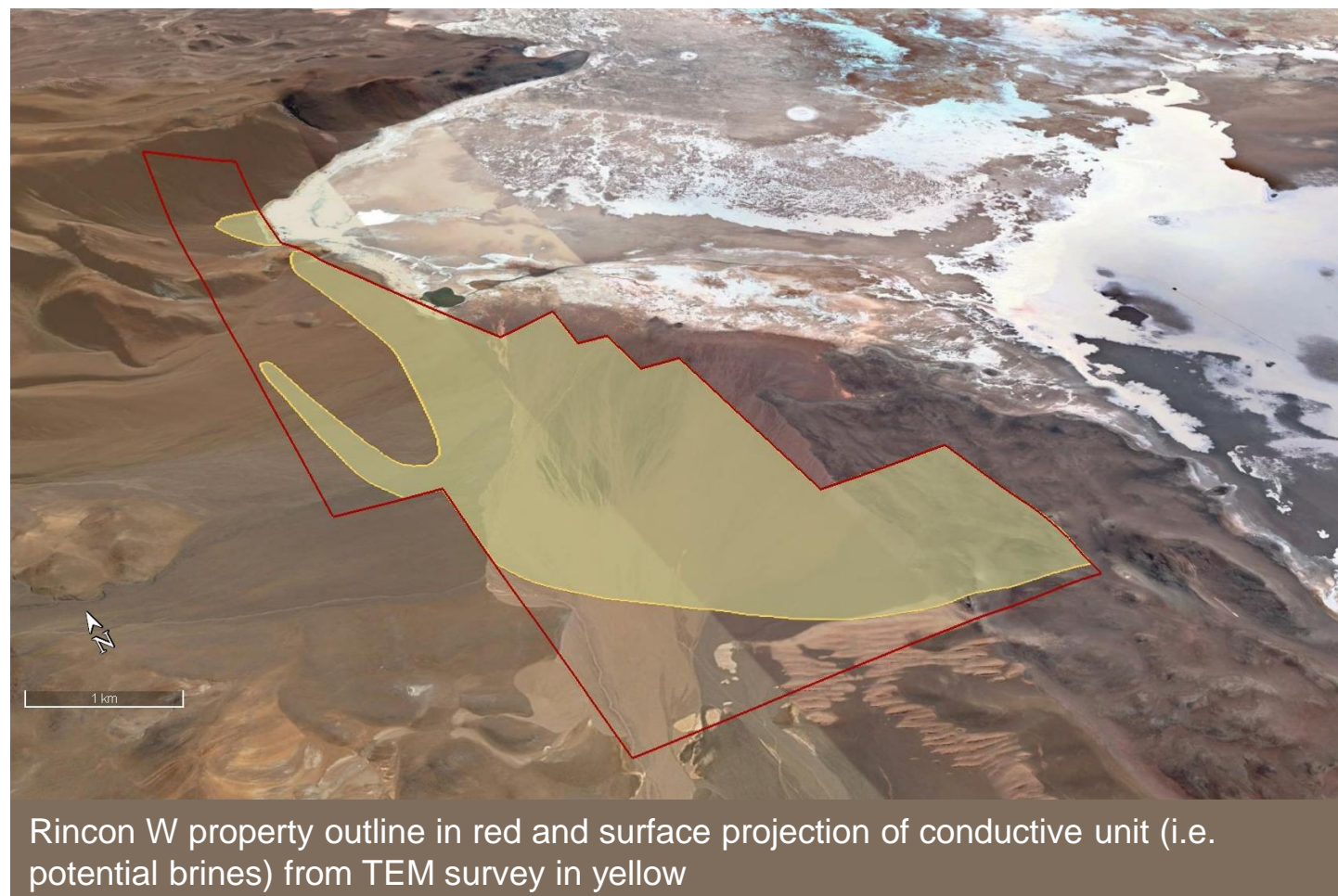


Projects Overview

- Over 67,000 hectares of claims on four salars in pro-mining provinces Salta and Catamarca
- Properties strategically located near key infrastructure and towns.
- Year-round access available to all properties on existing road network



- 2,370 hectares under option
- 3,800 masl elevation in ultra-arid environment
- Adjacent to Rincon Ltd. and proximal to Argosy Minerals, with proven reserves
- Mature salar development with halite deposits drilled to 400m depth
- International highway to Pacific ports & major electrical power corridor just north of the salar

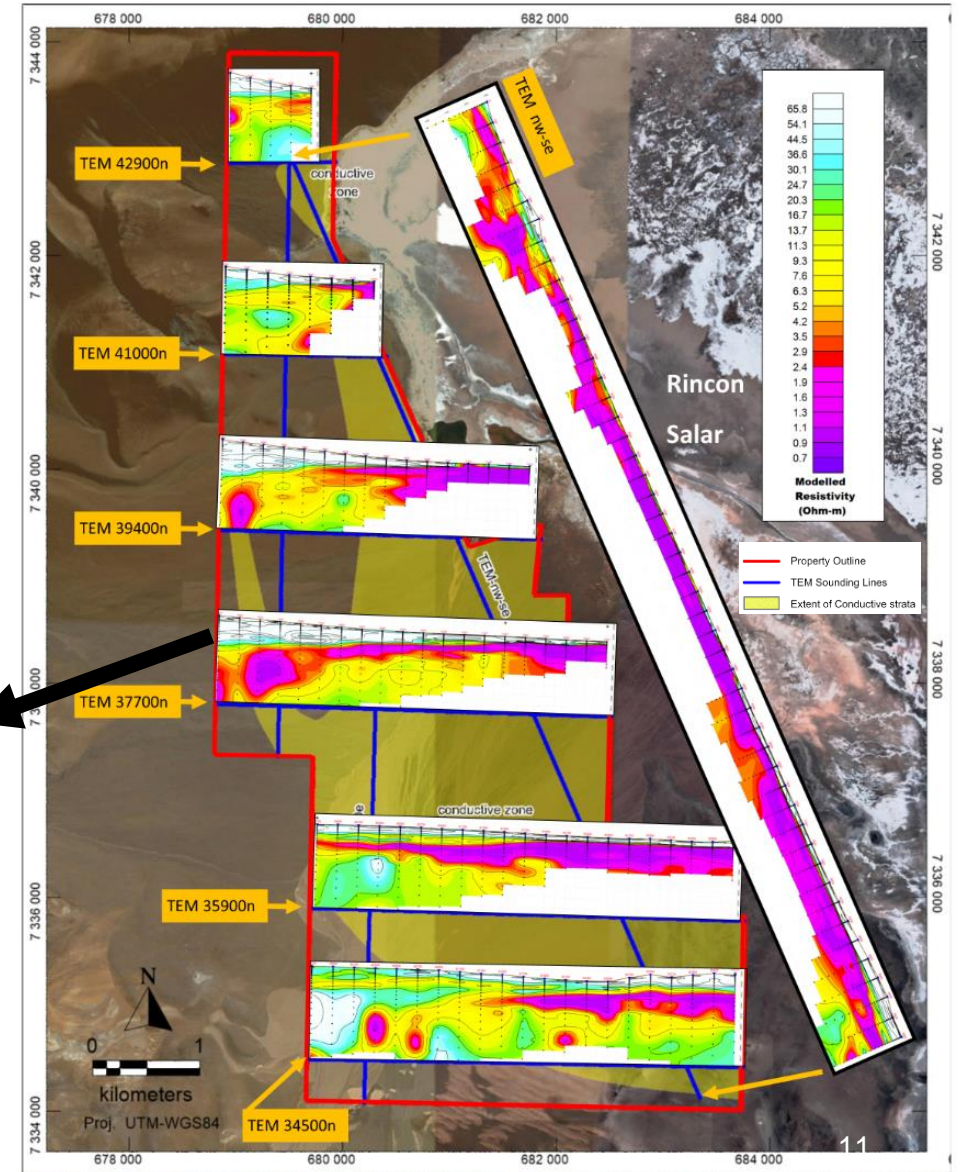
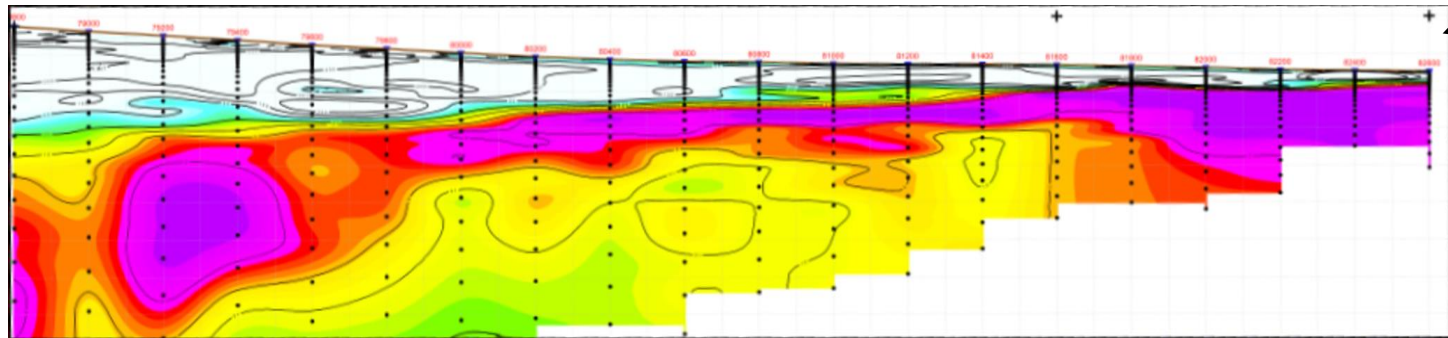


- Historic Vertical Electrical Soundings (VES) identified a conductive unit (i.e. potential brines) at <100m depth under the central part of the property
- 2022 work plan:
 - ✓ LIT has now covered the property comprehensively with deep-seeing Transient Electromagnetic (TEM) surveys. The TEM detected conductive strata consistent with aquifers containing concentrated brines over 1570 hectares or approximately 64% of the property (See figures pp 9 & 11)
- Drilling to begin in May – estimated 5 holes planned (permitting received for up to 9 holes)



Rincon West Geophysical Survey

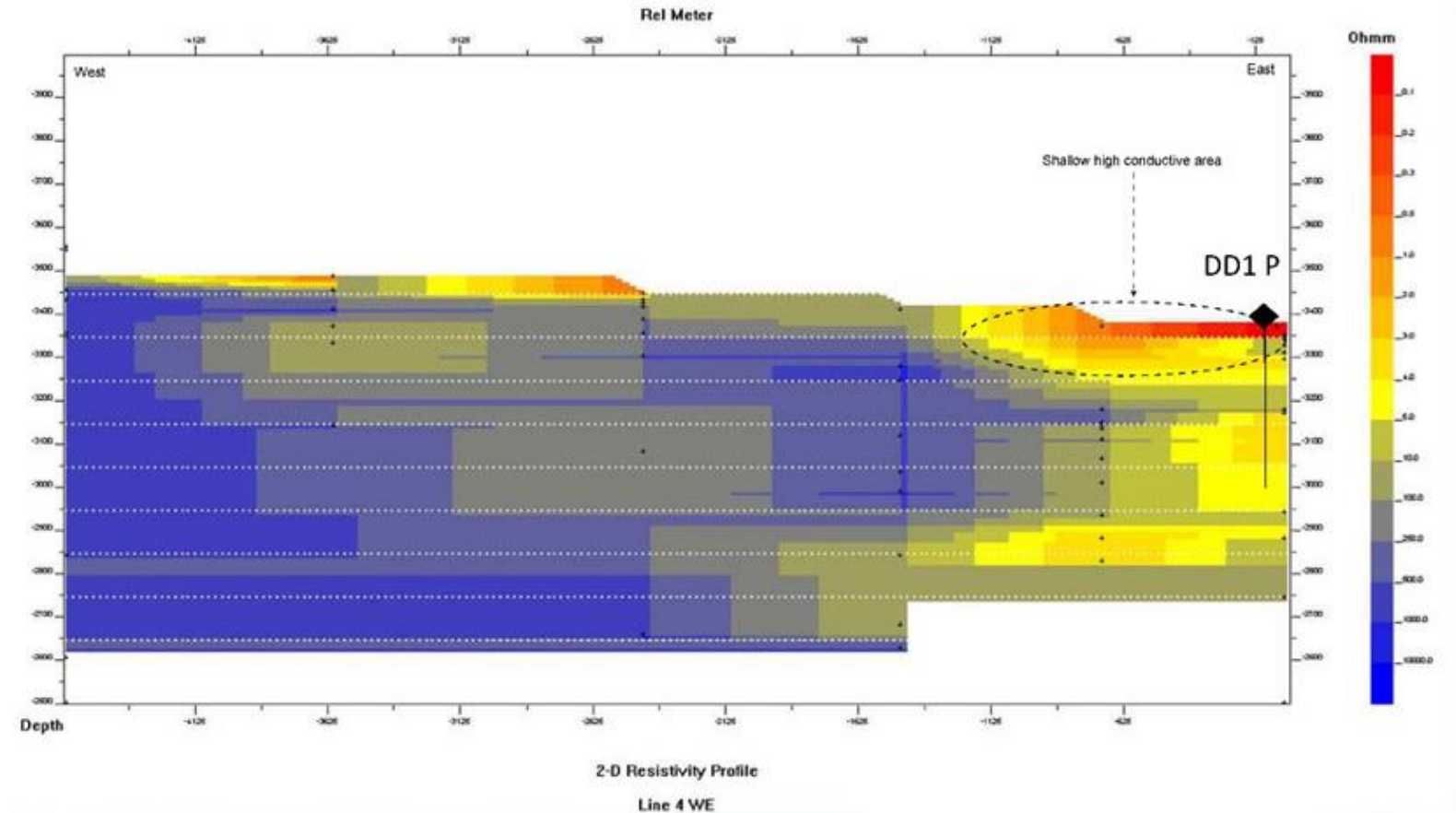
- 190 soundings were completed
 - 200 metre intervals
 - six east-west lines and two transecting lines
 - N-S line spacing of 1400 to 1900 m
- Sections from the TEM data (right) show electrically-conductive strata consistent with brine aquifers in a salar setting (red-to-purple shades)



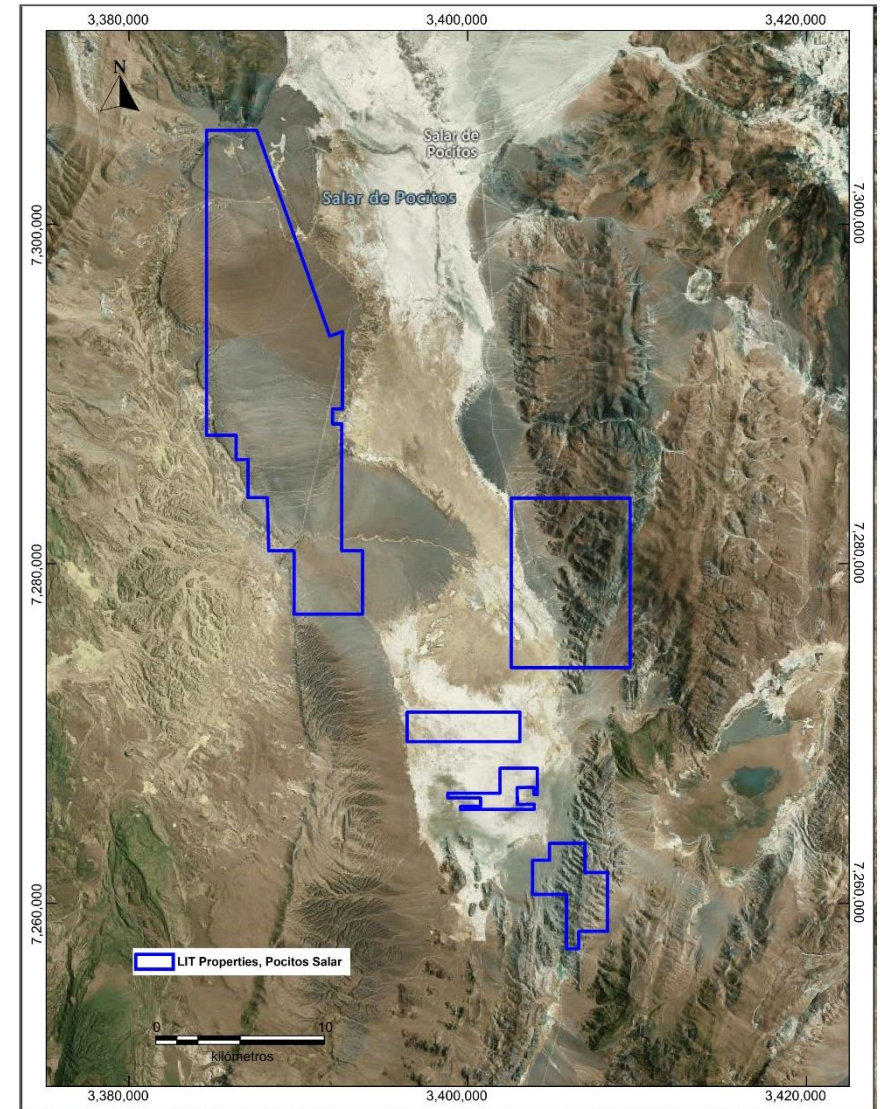
- Nearly 15,000 hectares including 9,080 hectares of 100% held claims
- 3,350 masl elevation in arid environment
- <20 kilometres west of Argentina's largest lithium producing operation at Salar de Hombre Muerto
- Major lithium producer Albemarle has large lithium tenement holdings starting 500m to the south



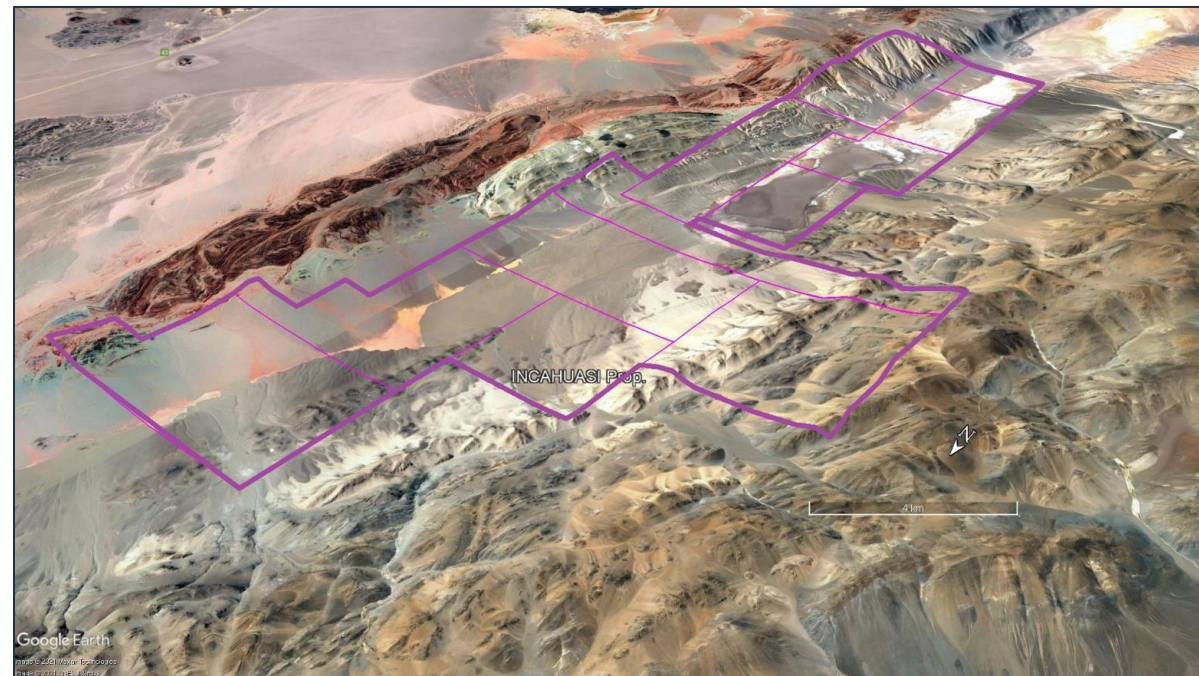
- 2018 CSAMT geophysical survey identified high-conductivity targets in upper 100 metres, additional targets at depth
- Work plan:
 - 2022: 70 line-km of Transient Electromagnetic soundings to delineate brine deposits
 - 2023: Up to 6 diamond drill holes



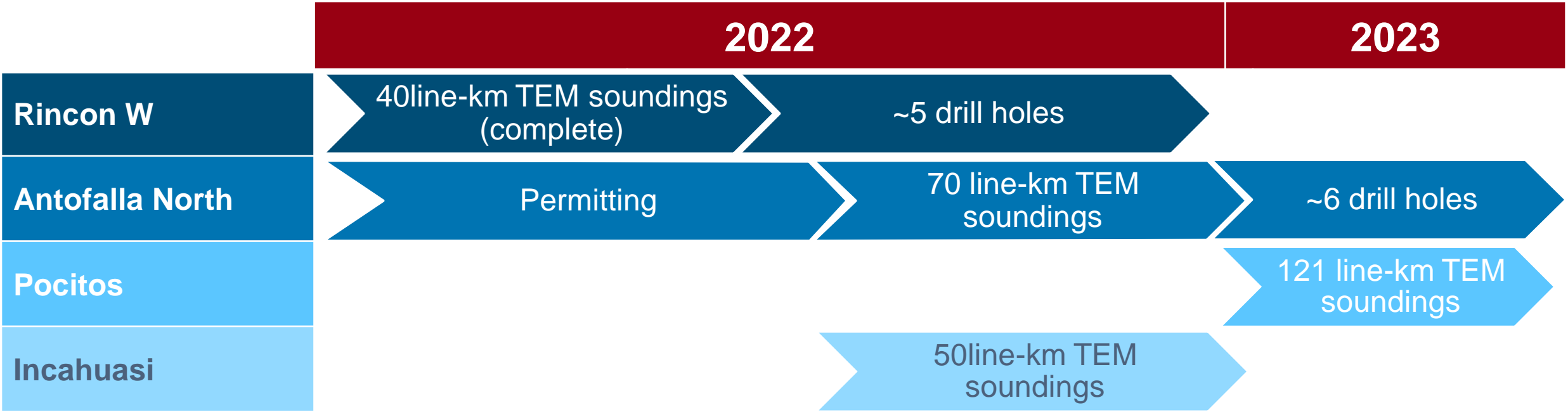
- +26,000 hectares under option
- 3,700 masl elevation in arid environment;
- International railway to Pacific ports crosses the property;
- Provincial highway and major gas pipeline located close to the property;
- Limited historic exploration
- Work plan:
 - 121 line-km of Transient Electromagnetic soundings to detect and delineate brine concentrations for testing
 - Up to 4 drill holes in first phase



- 100% interest in over 25,000 hectares
- 3,260 masl elevation in arid environment;
- 34 km from town of Antofagasta de la Sierra, Catamarca
- Located north of Lake Resources' Kachi Project
- Maximum values 409 mg/L lithium and 1.56% potassium recovered in near-surface sampling (to 8m depth)
- 4 drill-holes confirmed lithium-bearing brines (average to date 109 mg/L Li, 6718 mg/L K)
- 2022 work plan:
 - 50 line-km of Transient Electromagnetic soundings to detect & delineate new brine concentrations for testing



Road Map to Discovery



@April 30, 2022

| | |
|------------------------------|--------------------|
| Shares Issued | 74,160,129 |
| Warrants (Avg. price \$0.54) | 19,594,779 |
| Options | 3,873,750 |
| Fully Diluted | 97,628, 658 |
| Recent Market Cap | \$34M |



Investor Communications
Shawn Perger | perger@grossogroup.com

www.argentinalithium.com

Telephone: 604.687-1828

312 – 837 W. Hastings St.
Vancouver BC Canada
V6C 3N6

