

# Focus on Incahuasi

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Fast-tracked small-scale lithium  
production in Argentina



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The information in this presentation that relates to the Eyre Peninsula Kaolin Project, the Santa Ines Project and the Musgrave Project has been prepared with information compiled by Mr Steven Cooper, FAusIMM. He is the Australian Exploration Manager and a full-time employee of the Company. Steven Cooper has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Steven Cooper consents to the inclusion in the announcement of the matters based on her information in the form and context in which it appears.

The information in this presentation on the Salta Project was prepared with information compiled by Marcela Casini, MAusIMM. Marcela Casini has sufficient experience relevant to the style of mineralisation and type of deposit under consideration to qualify as a Competent Person as defined in the 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Marcela Casini consents to the inclusion in the report of the matters based on her information in the form and context in which it appears.

The information contained herein that relates to progress of laboratory test work and study development related activities from the Salta Project have been directed by Marcelo Bravo. He is a Chemical Engineer and managing partner of Ad-Infinitem Spa. with over 25 years experience and he is a Member of the Chilean Mining Commission (register 0412) and has sufficient experience which is relevant to the activity which they are undertaking to qualify as a Competent Persons as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr. Bravo consents to the inclusion of his name in the matters based on the information in the form and context in which it appears.



# Board and Management

Experienced team with extensive industry experience



**Stephen Ross**  
Non-Executive  
Chairman

Stephen is a geologist, independent consultant, and public company director that has been in technical, business development, and corporate positions in the resources industry for 30 years.

Stephen has sourced significant investments for junior explorers and pre-development resource companies worldwide while holding managing director and technical positions based in Central Asia, West Africa, and Sri Lanka. He is a member of the Australasian Institute of Mining and Metallurgy and Australian Institute of Company Directors, and a Fellow of the Financial Services Institute of Australasia. He is a non-executive director of Pinnacle Minerals (ASX:PIM) and Trigg Minerals (ASX: TMG).



**Mena Habib**  
Managing  
Director

Mena Habib has extensive experience in management, and sales and marketing, having run multiple businesses with millions of dollars in turnover. Mr. Habib has a strong depth of experience in investment markets, with specific expertise in emerging companies in the mineral resources sector. He is currently an authorised representative of a Melbourne-based corporate advisory and capital funding company, and a Non-Executive Director of Equinox Resources (ASX: EQN).



**James Moses**  
Non-Executive  
Director

James Moses has 30 years' experience in investment markets and the media. He is the founder and managing director of a leading Australian bespoke investor relations and corporate communications practice for public companies. Prior to this, he was Investor Relations Manager for a major national public relations firm. He was a business and finance journalist and was Editor of Australia's leading resource sector investor publication. His career began in the investment market, where he held business development roles with leading global fund managers over 15 years and a private client adviser for a high-net-worth investment advisory firm. James holds a Bachelor of Business and a Graduate Diploma in Communications-Journalism. He is Non-executive Chairman of Aruma Resources Ltd (ASX: AAJ).



**Steven Cooper**  
Senior Exploration  
Manager

Steven Cooper is a Senior Geologist with +35 years experience in the mineral exploration industry, including extensive hands-on experience conducting, managing and evaluating of all aspects of mineral exploration. Prior to joining Power Minerals, he was the sole proprietor of his own exploration consulting firm with a diverse client base. He has authored several geological papers and is a Fellow member of the AusIMM and the Geological Society.



**Dr Nicholas Lindsay**  
Project Leader -  
Incahuasi

Dr Nicholas Lindsay is a geologist and highly qualified mining industry executive/consultant with 40 years' experience. Dr Lindsay has served as a Director of several ASX-listed mineral resource companies, most recently Lake Resources (ASX:LKE) and Manuka Resources (ASX: MKR). As Lake Resources' Technical Director, he was instrumental in the exploration and development of Lake's core asset, the Kachi Lithium-Brine Project in northwestern Argentina. He is a Member of the Australian Institute of Geoscientists (MAIG).



**Damien Barnes**  
Land Access Manager

Damien Barnes is the Chairman and CEO of Yimba Pty Ltd, a 100% indigenous Australian-owned and managed legal and advisory firm. Prior to establishing Yimba, Mr Barnes worked for tier-1 law firms, King Wood Mallesons and DLA Piper, as well as in-house roles at UGL Ltd, CB&I Australia, O'Donnell Griffin and NTSCorp. Mr Barnes holds a Masters of Business Administration, MBS, Bachelor of Laws, UNSW and a Bachelor of Civil Engineering, USyd. He is a member of the NSW Law Society and NSW Law Society Indigenous Issues Committee.



**David Turvey**  
Project Leader -  
Rincon

David Turvey is a geologist with more than 35 years' experience in the Australian and Asian mining industries in exploration, business development and corporate M&A activities in industrial minerals, precious-base-specialty metals and bulk commodities. David holds a Bachelor of Science (Geology) and Diplomas in Gemmology and Marketing Management. He is a Member of the Australasian Institute of Mining and Metallurgy and a Fellow of the Society of Economic Geologists.

# Company Overview

## Strategic Assets in Battery & Technology Minerals

### Attractive Investment Jurisdictions:

- **Lithium Triangle, Argentina:** Globally-renowned Li brine investment destination
- **South Australia:** World-scale kaolin-REE & underexplored Ni-Cu-Co provinces

### Strategic Minerals & Growth Markets:

- **Energy transition e-minerals:** Lithium (Li), Nickel (Ni), Copper (Cu), Cobalt (Co) & Rare Earth Elements (REE)
- **Forecast high growth markets:** Demand & growth profiles support investment
- **Advanced technology markets:** Emerging use of kaolin-halloysite clays

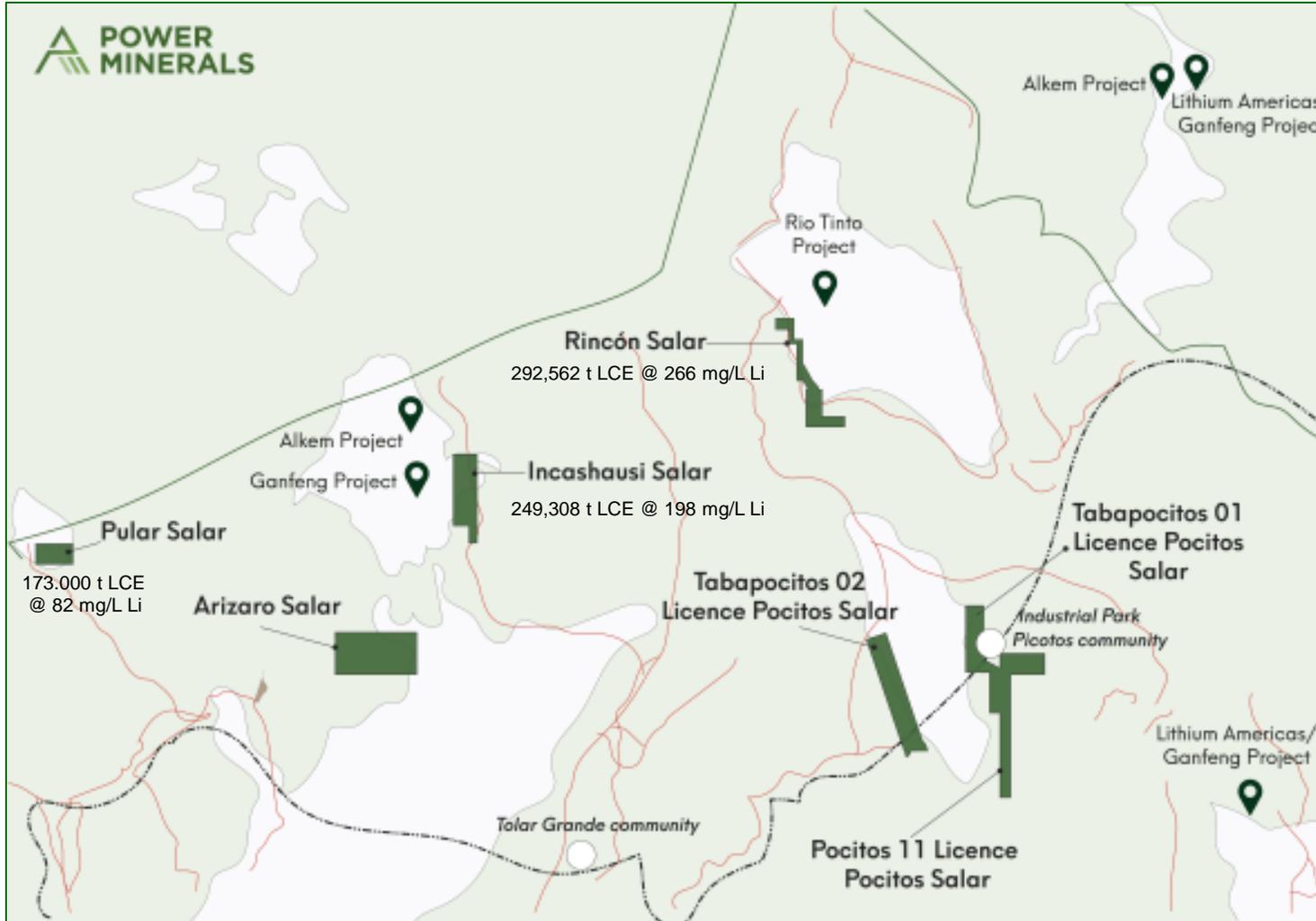
### Next Steps - Strong News Flow:

- **Advance Lithium business towards production** in Salta, Argentina
- **Access & Drilling Musgrave Ni-Cu-Co Project**, South Australia
- **Evaluate kaolin/halloysite/REE assets** & assess expansion opportunities



# Argentina Lithium Brine Asset Portfolio

Positioned to become a leading lithium brine developer in Argentina



Strategic Assets in South America's lithium triangle  
Hosts 53% of the world's lithium resources\*

## Lithium Brines Projects in Salta Province

- **147 km<sup>2</sup> licences** on 5 salt lakes (salares)
- **714,872 t LCE JORC 2012 Lithium Brine Resources**, with grades up to 313mg/l Li
- **Moving into development phase** at Incahuasi and Rincon
- **Strategic MoUs** for project development, funding, infrastructure and offtake
- **Fast-track Direct Lithium Extraction (DLE)** development plans with Summit Nanotech
- **Pursue value-accretive M&A opportunities**

<sup>1</sup> ASX announcement 24 May 2023, 31 October 2023 and Appendix Tables

\* USGS 2023



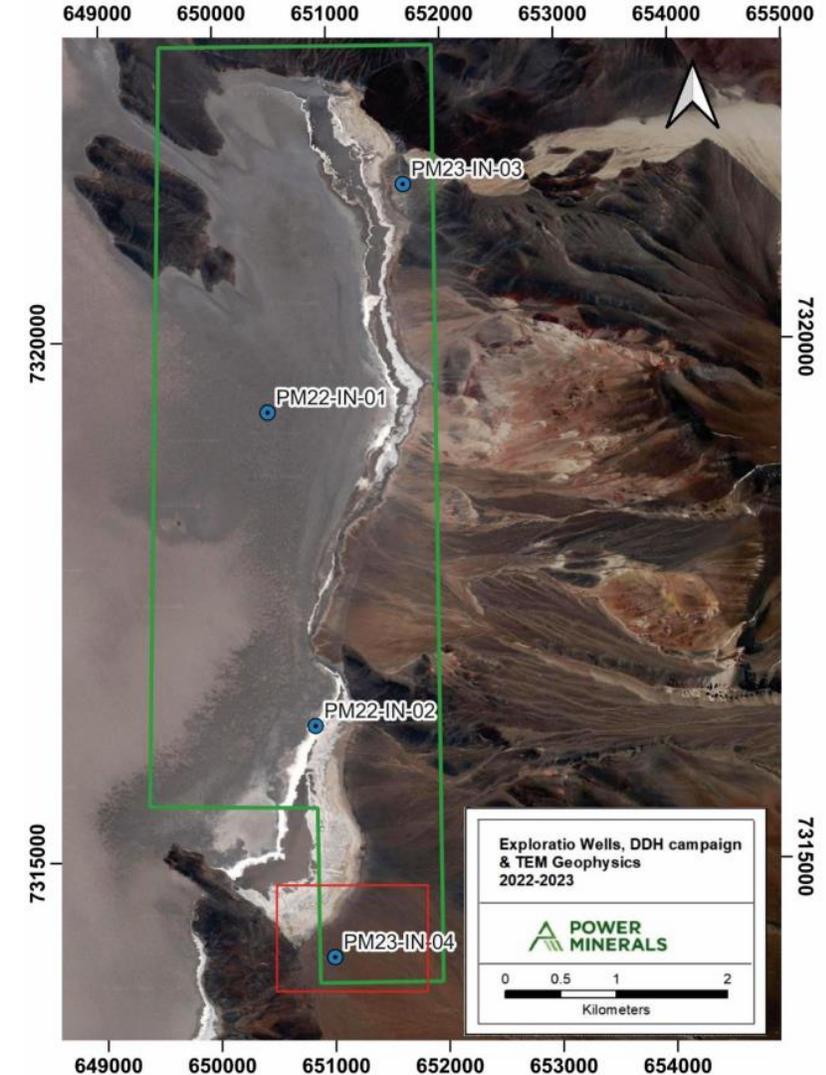
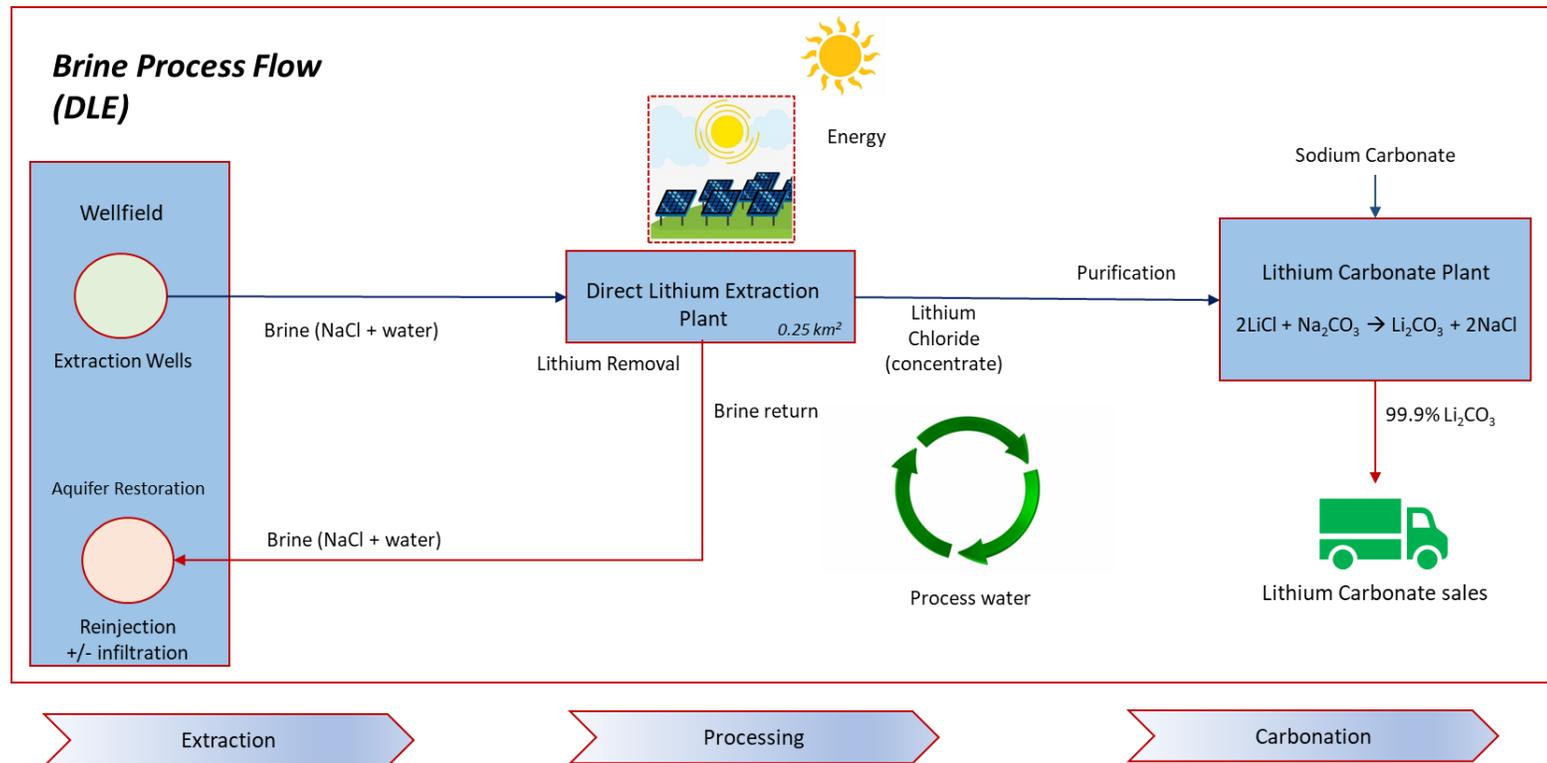
# Incahuasi Lithium Brine Project

- 2000 Ha located on eastern margin of Salar de Incahuasi
- JORC Mineral Resource (total) of 250,000 t LCE at 198 Li/L, including M+I of 235,000 t LCE at 198 mg Li/L.

<sup>1</sup> ASX announcement 24 May 2023

## Project Concept: Integrated Production

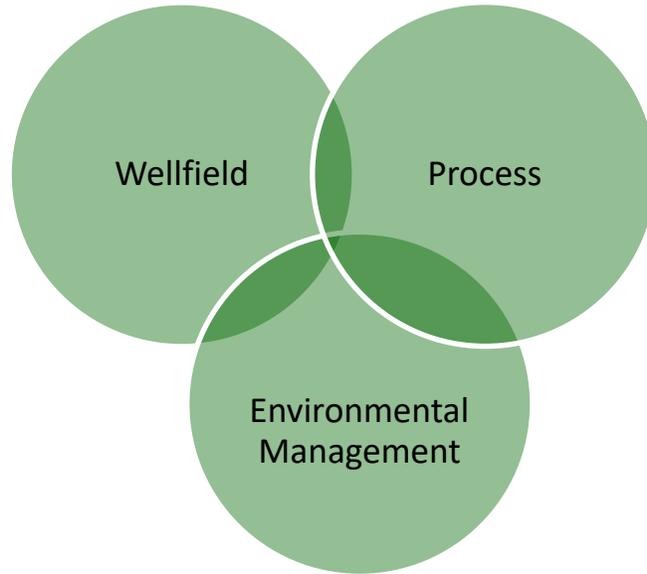
Brine (LiCl) → Lithium carbonate (Li<sub>2</sub>CO<sub>3</sub>)



Incahuasi mineral concession with drillholes

# Incahuasi Fast Track Strategy

## Integrated Production



Brine collection for pilot plant tests



Summit Nanotech pilot plant facility in Santiago

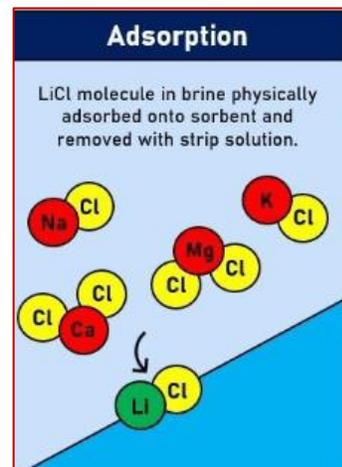
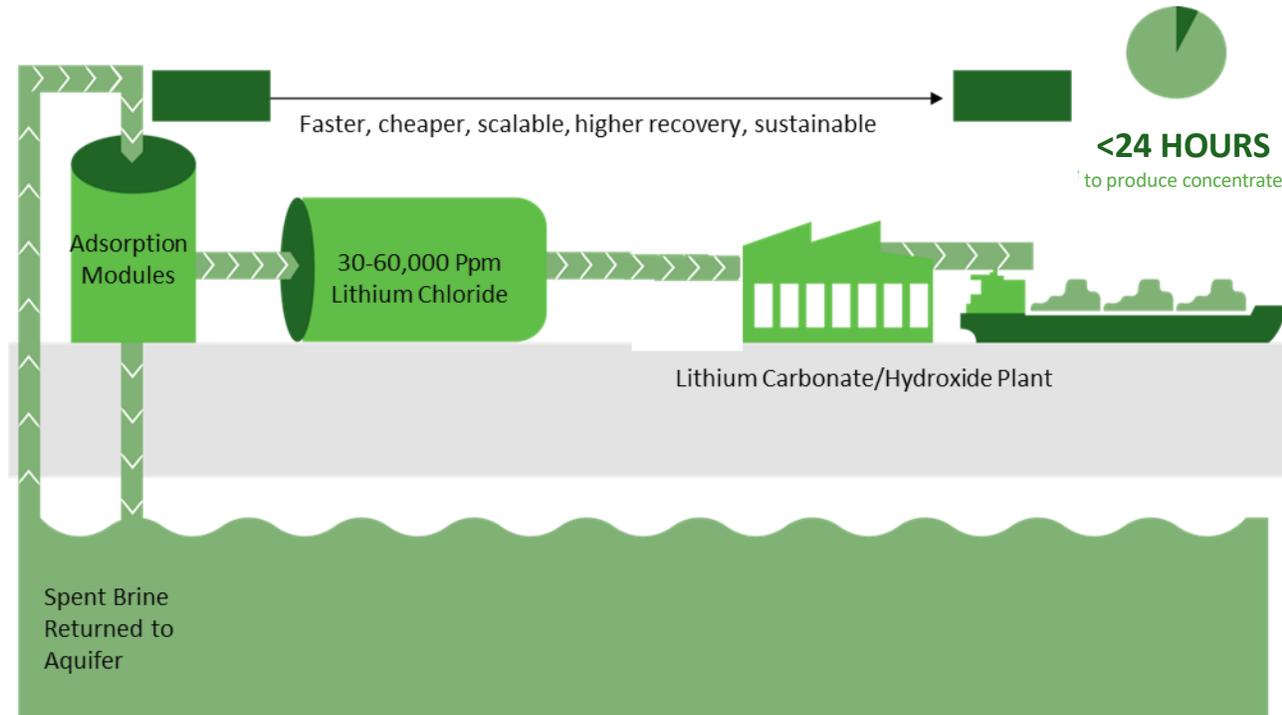
## Current Work Streams

- Successful first-stage testwork on brines from Incahuasi
- Pilot testing of Incahuasi brines for flow-sheet development has begun at Summit Nanotech development facility in Santiago, Chile
- Wellfield pump test well drilling (x2) has commenced at Incahuasi to determine extraction rates for process plant feed and improved reservoir characteristics
- Base-lined environmental studies in process (multi-seasonal)
- Data collected will be used to support a **Pre-Feasibility Study** and provide proof of concept battery-grade lithium carbonate samples



# DLE is an Enabler for Clean Lithium Extraction & Reservoir Protection

- Partnership signed with Summit Nanotech in December 2023
- Summit Nanotech's **denaLi™** adsorption-based DLE is highly compatible with Incahuasi brine
  - ✓ Potential production time less than one day
  - ✓ Summit Nanotech's proprietary technology recovers **95% of the water** for reuse in the process with very low energy consumption.
- Summit Nanotech is led by oil and gas extraction and reinjection specialists, with operations in Canada and Chile
- Strong history of government and community relations, agile to the changing political landscape in Chile and Argentina.



- Lithium extraction technology **selectively removes lithium** from brine, resulting in a ultra clean lithium chloride concentrate
- Effective and reusable method for producing **battery grade lithium chemical** from such a lithium chloride solution
- Allows for the reinjection of spent brine into the aquifer, thus maintaining reservoir pressure and protecting the groundwater system

# Our Sustainability Plan

Power Minerals has a commitment to transparency, integrity, and sustainability that will result in long-term returns for our shareholders.

## Environmental

- Industry, innovation and infrastructure
- Sustainable cities and communities
- Responsible consumption and production
- Sustainable cities and communities
- Life on land

## Social

- Good health and well-being
- Community relations
- Employee engagement
- Diversity & inclusion
- Health and safety

## Governance

- Leadership & governance
- Business ethics
- Decent work & economic growth

## Contact Us

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# Binding Term Sheet with Summit Nanotech – Leading sustainable lithium extraction technology



Binding Term Sheet signed with world-leading Canadian **direct lithium extraction (DLE) technology provider Summit Nanotech** for the funding and development of the Incahuasi salar



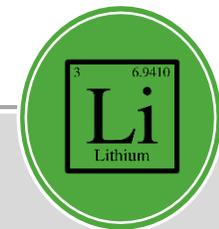
Summit's investment of **up to US\$3m** in Power establishes a partnership and access to Summit's denaLi™ DLE technology, aiming to achieve large-scale, high-quality lithium production at Incahuasi



Funds to expand the Incahuasi JORC Mineral Resource, as well as for pumping wells, water drilling, and engineering studies needed to finalise a **Pre-Feasibility Study** at Incahuasi



Summit has the option to earn up to 45% in the project via contribution of an **on-site demonstration plant and testing, and Feasibility Study** at an expected cost of USD \$15-20M, delivering enhanced project value



Summit's patented denaLi™ DLE technology can produce lithium from brines with **more than 95%** lithium recovery and **more than 98%** impurity reduction

