

Impact Minerals Limited

The New "Playa" in HPA

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What lies beneath Lake Hope?



A Transformational Acquisition

ASX Release 21st March 2023

SCOPING STUDY

10,000 tpa 4N HPA		A\$1,334M		A\$253M		55%
initial 25-year mine life		Post-tax NPV ₅		Initial Capital Expenditure		Post-tax IRR
US\$3,264/t		A\$174M		A\$4,877M		
Operating cost (nett of by-product)		Post-tax cash flow per year		Post-tax cashflows		

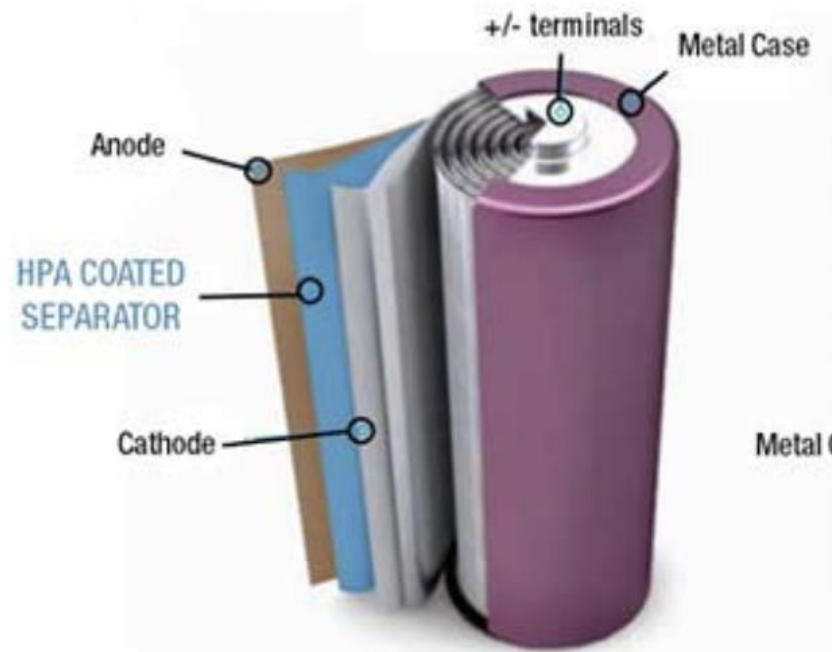
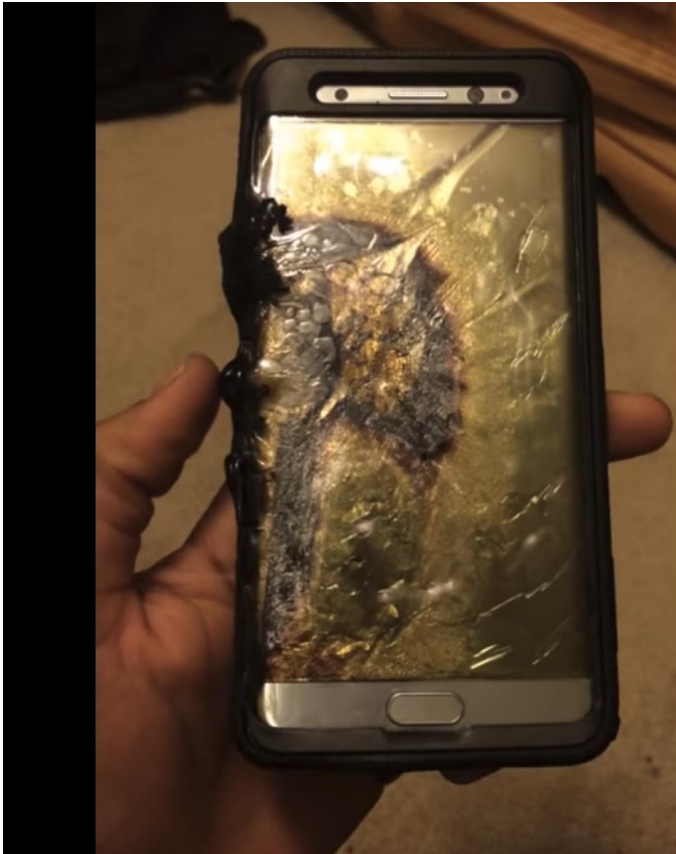
ASX Release 9th November 2023

What is High Purity Alumina?

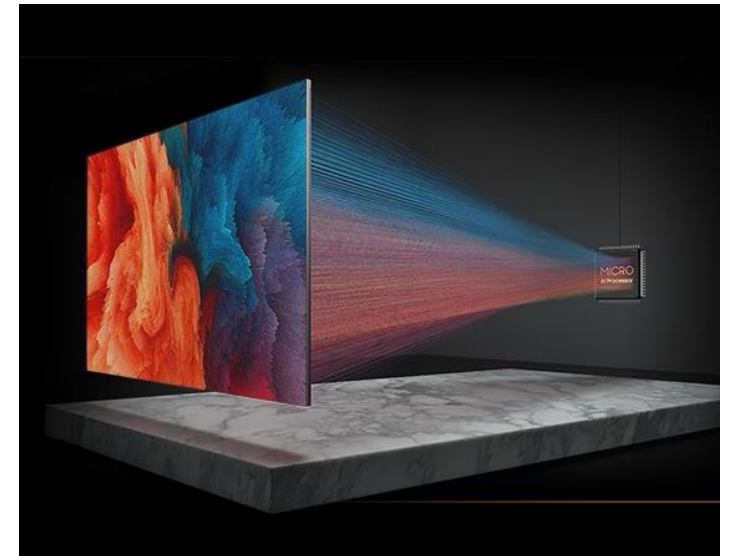
- Alumina (aluminium oxide – Al_2O_3) with a purity of >99.99% or “4N”
- 3N = 99.9%, 5N = 99.9999%
- Listed on the Australian Critical Minerals List.

What is HPA used for?

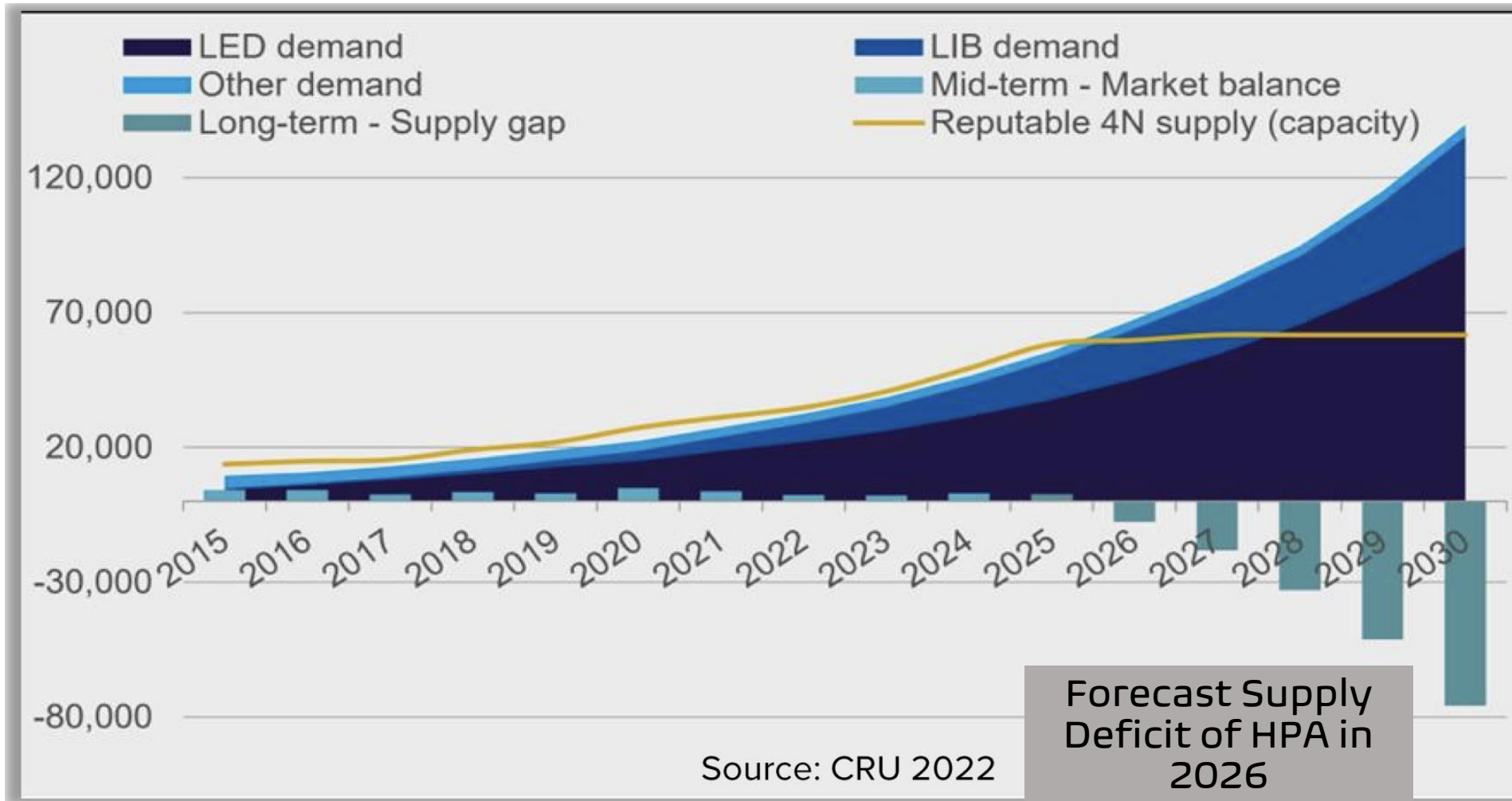
- Separators in Lithium-ion batteries



- LED and MicroLED



Forecast Supply and Demand for HPA



Kindly Provided by Alpha HPA Limited

What is High Purity Alumina (99.99% Al₂O₃) worth?

Purity Grade	Specification	Price Range per tonne	Application
Smelter Grade	99.5%	US\$4,000	Precursor chemical, abrasives
3N HPA	99.9%-99.98%	US\$5,000- US\$15,000	Sapphire, abrasives, catalysts
4N HPA	99.99-99.998%	US\$15,000- US\$25,000	Li-B coatings, sapphire wafer
5N HPA	99.999%	US\$25,000+	Li-B coatings
6N HPA	99.9999%	\$50,000+	Specialty applications

- A High-Margin and High Demand Business

In-house figures researched by Impact Minerals Ltd

Lake Hope: A multi-decade HPA mine

880,000 Tonnes of Al₂O₃ (Alumina).

Benchmark production of 10,000 tonnes per annum
= >50 year mine life

Mineral Resources			
Category	MTonnes	Alumina %	Al₂O₃ Kt
Indicated	3.19	25.3	808.0
Inferred	0.31	23.4	71.7
Total	3.50	25.1	879.7

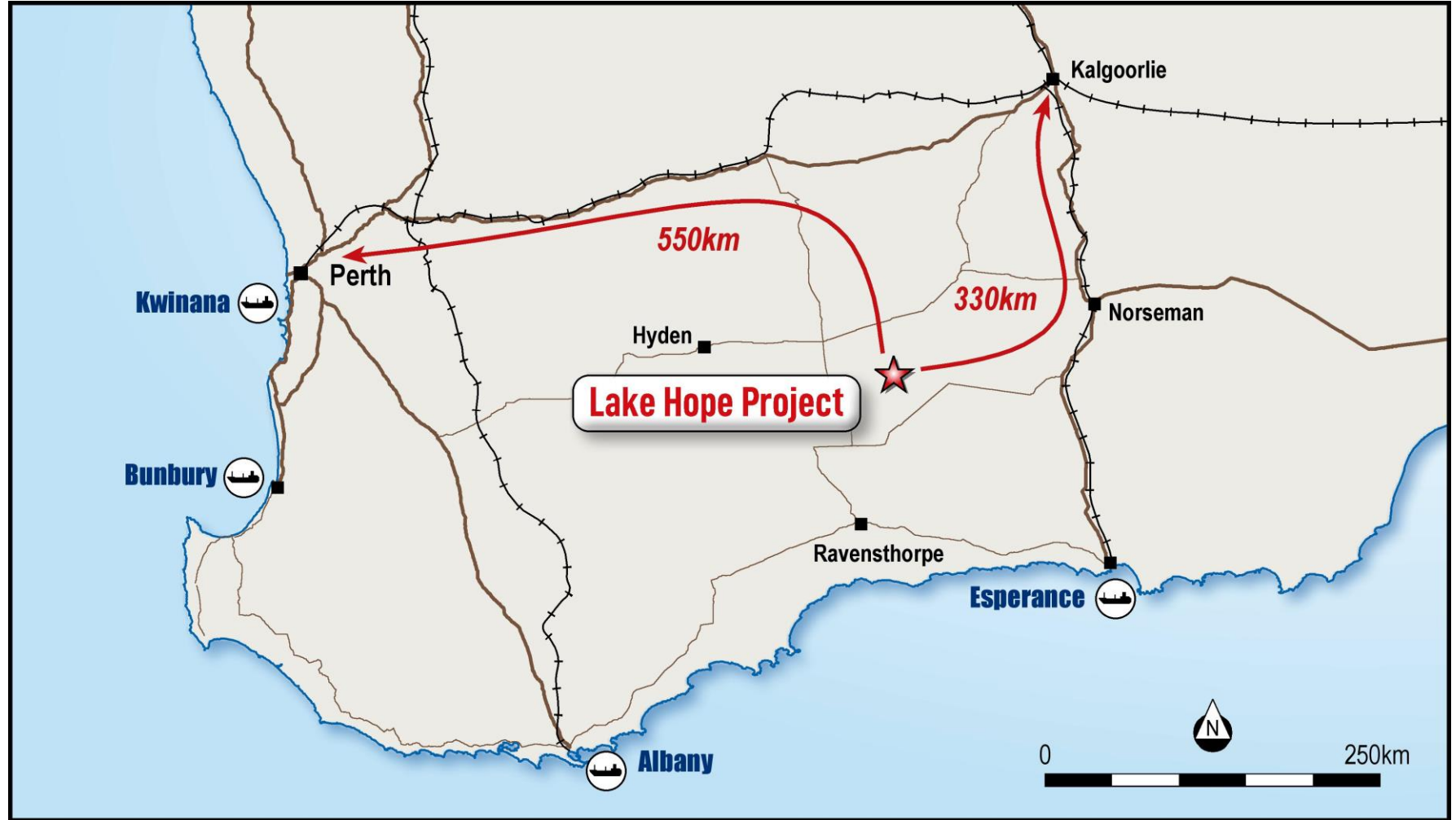
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Project Location

Western Australia

A Tier One Jurisdiction



Lake Hope: a unique deposit

West Lake

East Lake

1 km



The Perfect Orebody?



Micron to nanometre sized particles!

10-15 Year "starter pit"

Drilling Al₂O₃%

- 26.5 to 32.4 (40)
- 25.5 to 26.5 (18)
- 24 to 25.5 (18)
- 22 to 24 (13)
- 6.6 to 22 (19)

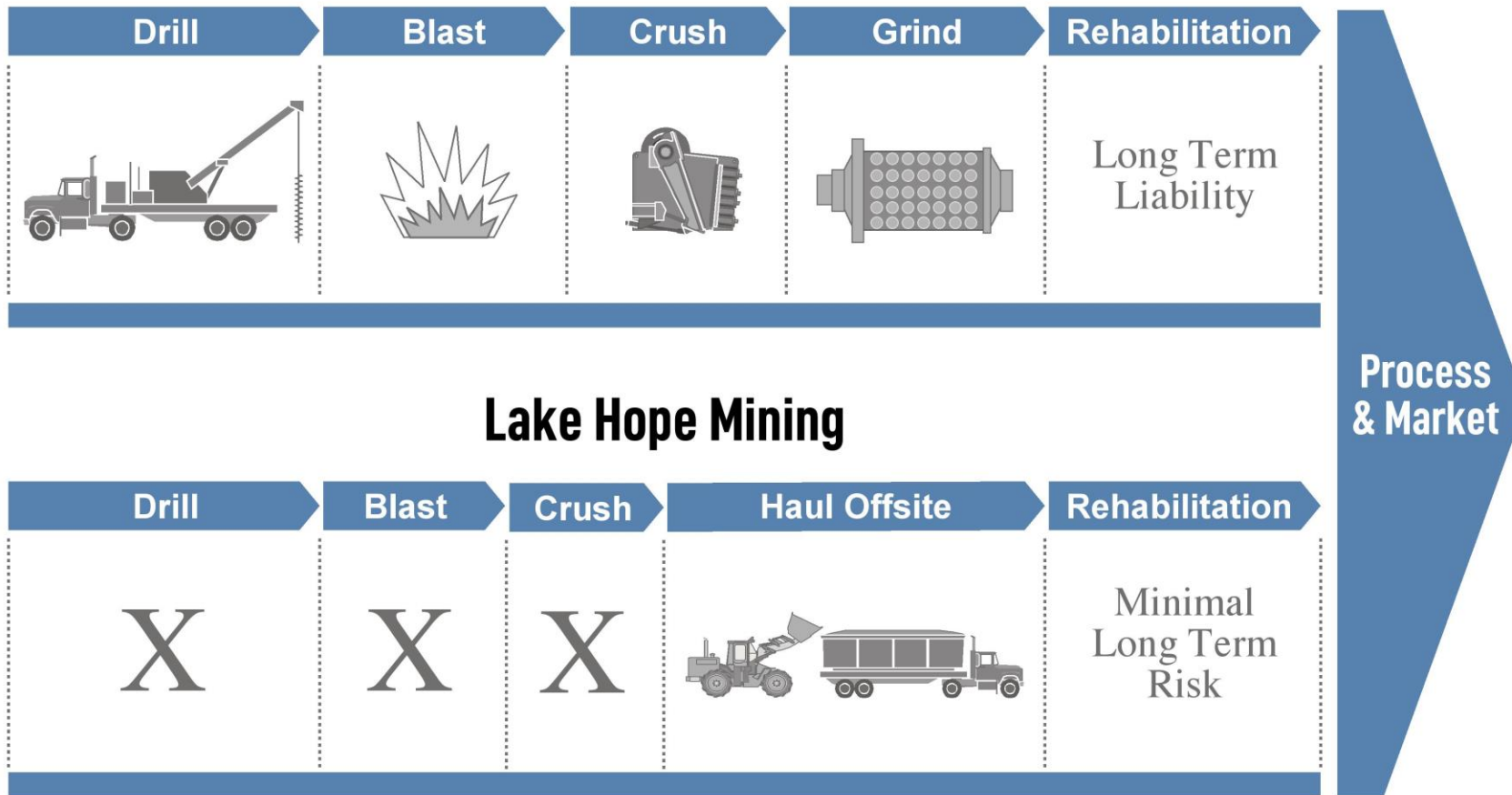


ASX Releases 21st March 2023 and
8th November 2023

Very low cost mining

Less than 5% of Opex

Hard-Rock Peers



Lake Hope Mining

The shallowest, highest-grade open pit anywhere?

- High grade: approx. 27% Al_2O_3 .
- Cheap, free-digging ore to be processed offsite.
- Tiny environmental footprint: biologically sterile.
- No long-term rehabilitation liability.
- Permitting to be fast-tracked.
- Very low carbon emissions.



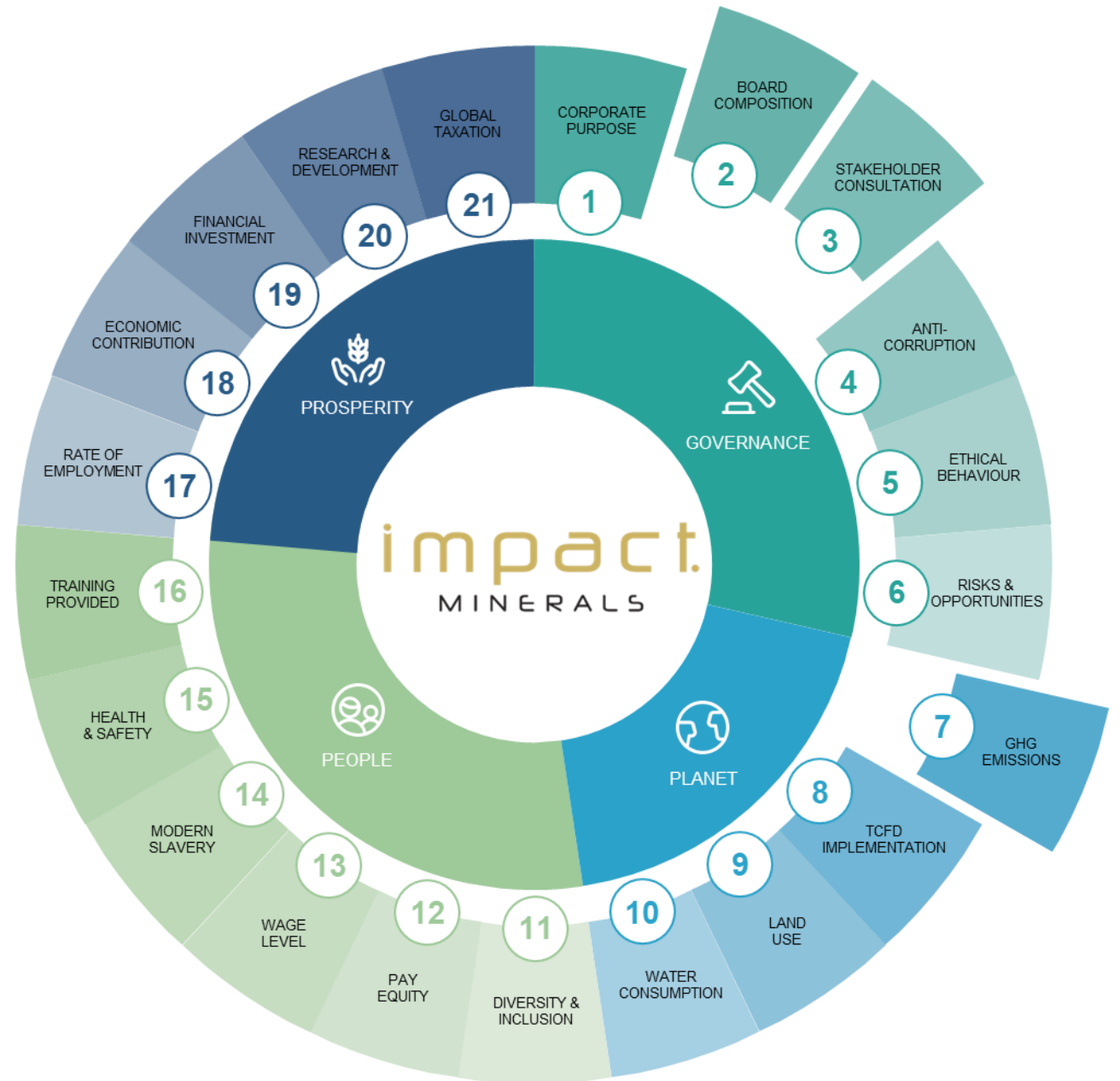
STRONG ESG CREDENTIALS

Highlights and achievements Q3:

- Modern Slavery Policy reviewed and adopted by Board
- Stakeholder Materiality Assessment planning and scheduling
- Decarbonisation roadmap under development for further communication

Focus areas for Q4:

- Development of ESG-inclusive Board Skills Matrix
- Conduct Stakeholder Materiality Assessment
- Set timeline for GHG Corporate Inventory Scope 1 & 2





Native Title
Aboriginal
Corporation

vision

Upholding the continued connection of Ngadju Nation custodianship for its people, land, cultural heritage and future generations.

mission

Acting in the interests of Ngadju Native Title rights on behalf of all Ngadju Nation whilst continuing the preservation and protection of Ngadju heritage and culture.

values

CULTURE

Ngadju's history, culture, connection and country influences everything we do.

ELDERS & KNOWLEDGE HOLDERS

We are guided by our Elders and Knowledge Holders.

INTEGRITY

We are committed to truth, voice and treaty, acting transparently and fairly at all times.

RESPECT

We will always treat everyone with respect.

community



Strategic Objective: Build a strong Ngadju community

- Develop positive relationships to support our community
- Foster inclusion, cohesion and belonging for our membership
- Consolidate information to better understand our community.

commerce



Strategic Objective: Strengthen our Ngadju foundations

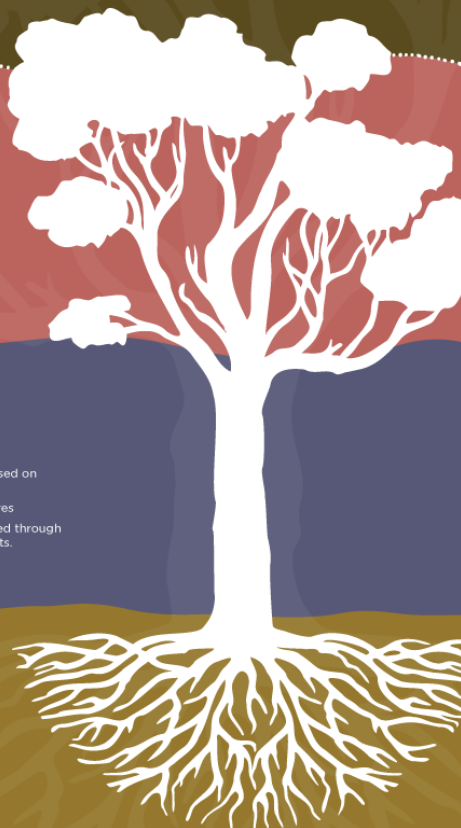
- Develop financial sustainability through income diversification based on strong relationships, and partnerships
- Continue to improve the effectiveness of our Governance structures
- Ensure our native title rights are secure and benefits are maximised through current native title agreements and outcomes in future agreements.

culture



Strategic Objective: Cultivate our Ngadju culture

- Build intergenerational cultural knowledge
- Caring for Country
- Preservation and advancement of our language



First Nations: Heritage Clearance Granted

The Ngadju

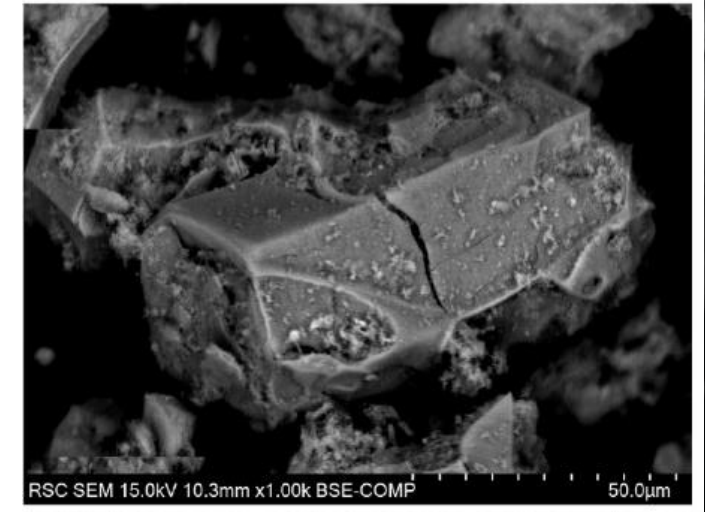
The Ngadju community is an immensely proud First Nations people who continue to develop the Ngadju membership. We want all Ngadju people to experience improvements in physical and spiritual health and to assist with teaching and learning Ngadju culture to provide many opportunities to lead connected and fulfilling lives.

ASX Release 27th July 2023

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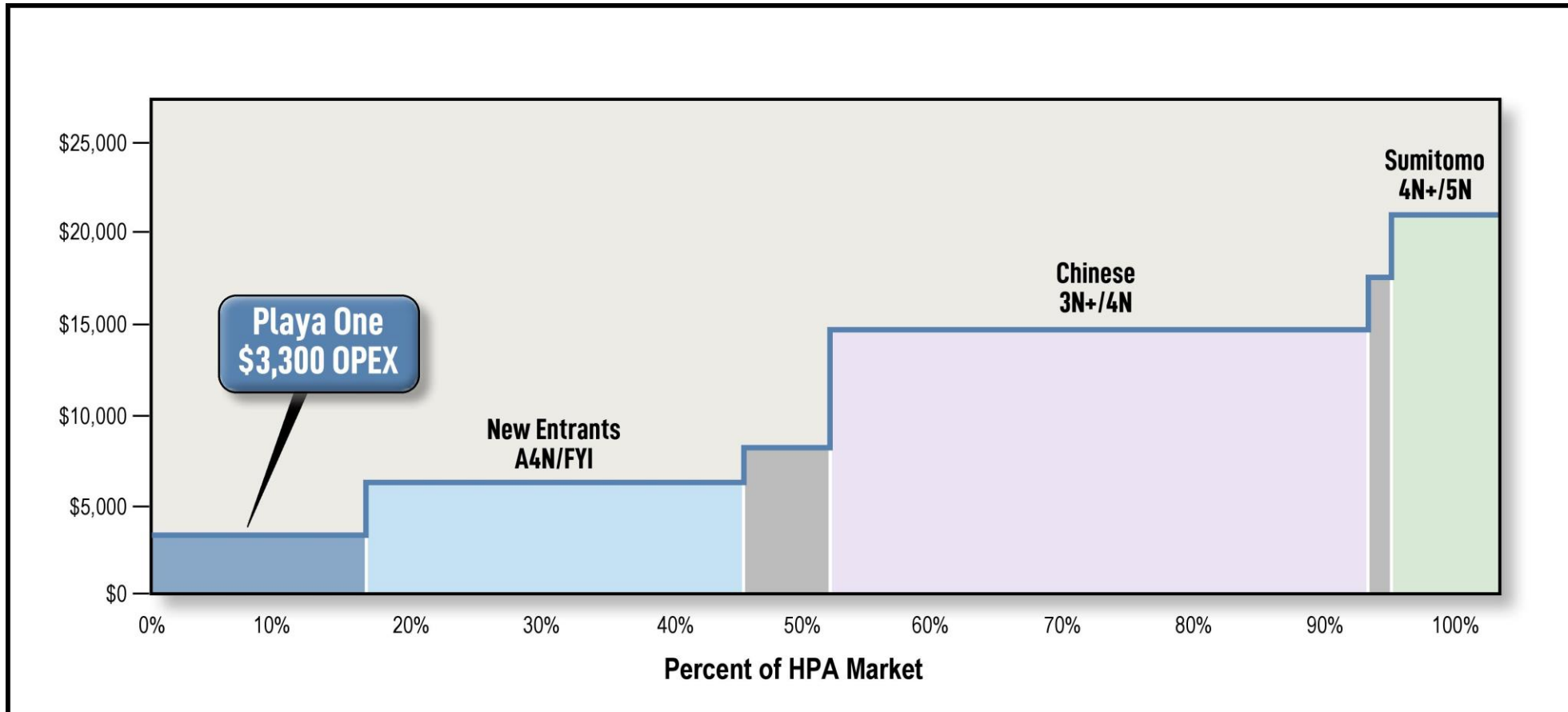
Disruptive Sulphuric Acid Process to produce HPA

- Fine grained minerals give unexpected reaction kinetics.
- Cheap reagents.
- High recoveries up to 86%
- Process achieves 99.99% Al_2O_3 (HPA).
- Saleable waste-products.
- Optimisation during Pre-Feasibility Study.
- Other products: aluminium nitrates, aluminium sulphates, other high purity metals and salts.



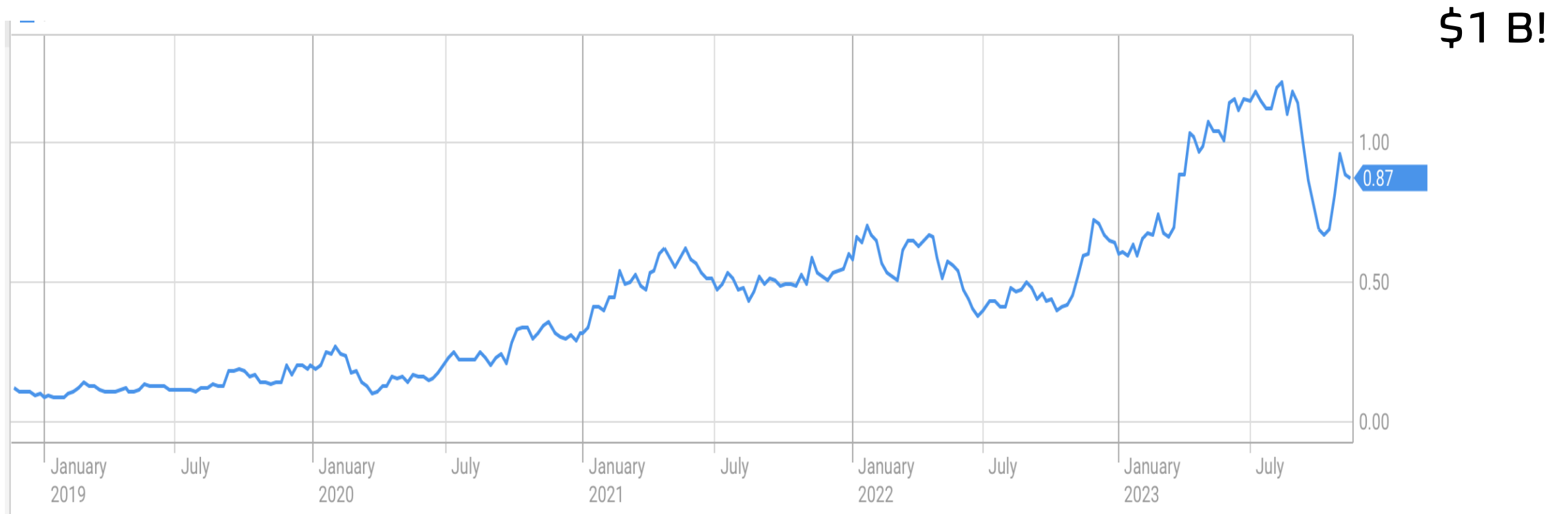
ASX Releases 21st March 2023 and 18th October 2023

Will we be the lowest cost producer?



ASX Release 9th November 2023

The Alpha HPA Journey (ASX:A4N)



\$10 M

About Impact Minerals (ASX:IPT)

Board of Directors and Management

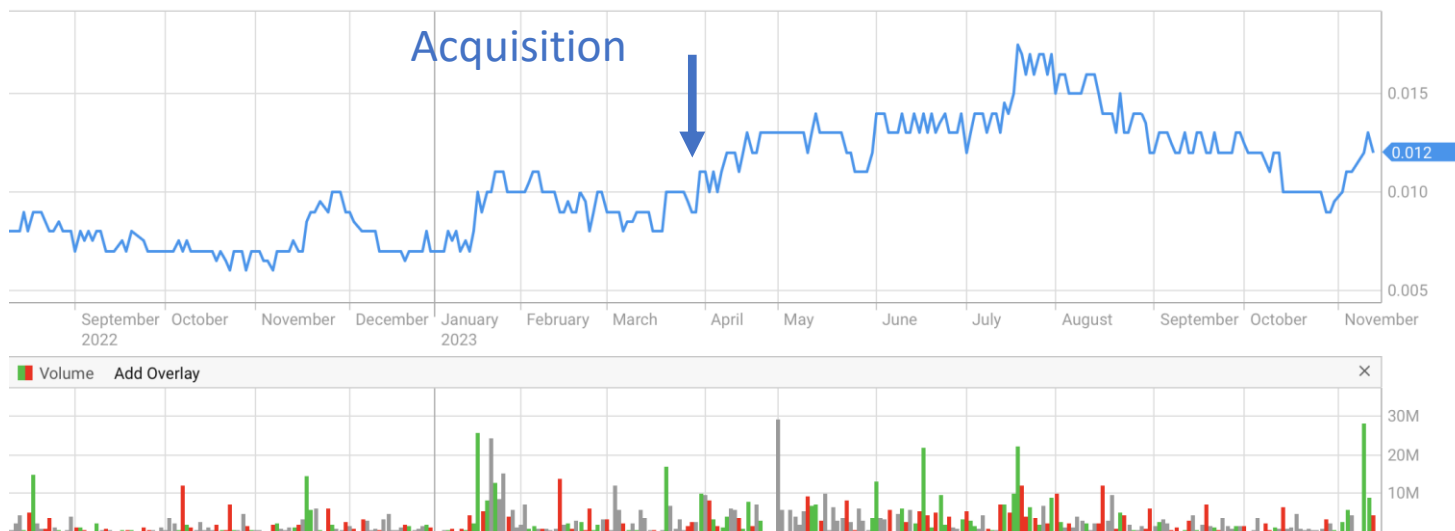
Non-Executive Chairman: Peter Unsworth
 Managing Director: Dr Mike Jones
 Non-Executive Director: Dr Frank Bierlein
 Non-Executive Director: Paul Ingram
 Exploration Manager: James Cumming
 Lake Hope Manager: Roland Gotthard

Capital Structure

Listed on ASX	November 2006
Shares on Issue	2,864 million
Options	205M unlisted 158M IPTOB
Share Price	1.2c
Market Cap	\$34 million
Cash	A\$3.1 million

Shareholders

Bunnenberg Family	15.7%
ABC Beteiligungen	7.7%
Directors	1.1%
Top 20	41%
Top 50	49%
No of Shareholders	4,530





1 Year
Share
price

Forward Plan

2023

Maiden Resource
Scoping Study and PFS start
Mining Lease Application
Optimisation
Marketing Samples

2024

Completion of PFS
Start DFS
10 tpa Pilot Plant
Qualification Samples

2025

Complete DFS
Mining Lease Granted?
Qualification Trials

2026

1000 tpa Pilot Plant
Financing for
full scale plant
Offtake Agreements

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COME WITH US ON THE JOURNEY

- We aim to be one of the lowest-cost producers of HPA globally.
- We have a unique deposit in a Tier 1 Jurisdiction.
- We have a cost-disruptive metallurgical process now in PFS.
- We will build out our capabilities in metallurgy and final product specification.
- We will deliver into a high-margin, growth market with significant upside potential.

Competent Persons Statements

This review of exploration activities and results, and the metallurgical test work contained in this presentation is based on information compiled by Roland Gotthard, a Member of the Australian Institute of Mining and Metallurgists. He is an employee of Impact Minerals Limited. He has sufficient experience which is relevant to the style of mineralisation and types of deposits under consideration and to the activity which he is undertaking 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 (the JORC Code). Mr Gotthard has consented to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The data in this presentation that relates to Mineral Resource estimates for the Lake Hope Project is based on information evaluated by Mr Simon Tear who is a Member of The Australasian Institute of Mining and Metallurgy (MAusIMM) and who has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking 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 (the “JORC Code”). Mr Tear is a Director of H&S Consultants Pty Ltd and he consents to the inclusion in the presentation of the Mineral Resource in the form and context in which they appear.

The information in this presentation that relates to the Mineral Resource for the Lake Hope Project is based on information announced to the ASX on 19th June 2023. The information in this presentation that relates to the Scoping Study for the Lake Hope Project is based on information announced to the ASX on 9th November 2023. The Company confirms that it is not aware of any new information or data that materially affects the information included in the relevant market announcement, and that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply.