



ILTANI
RESOURCES

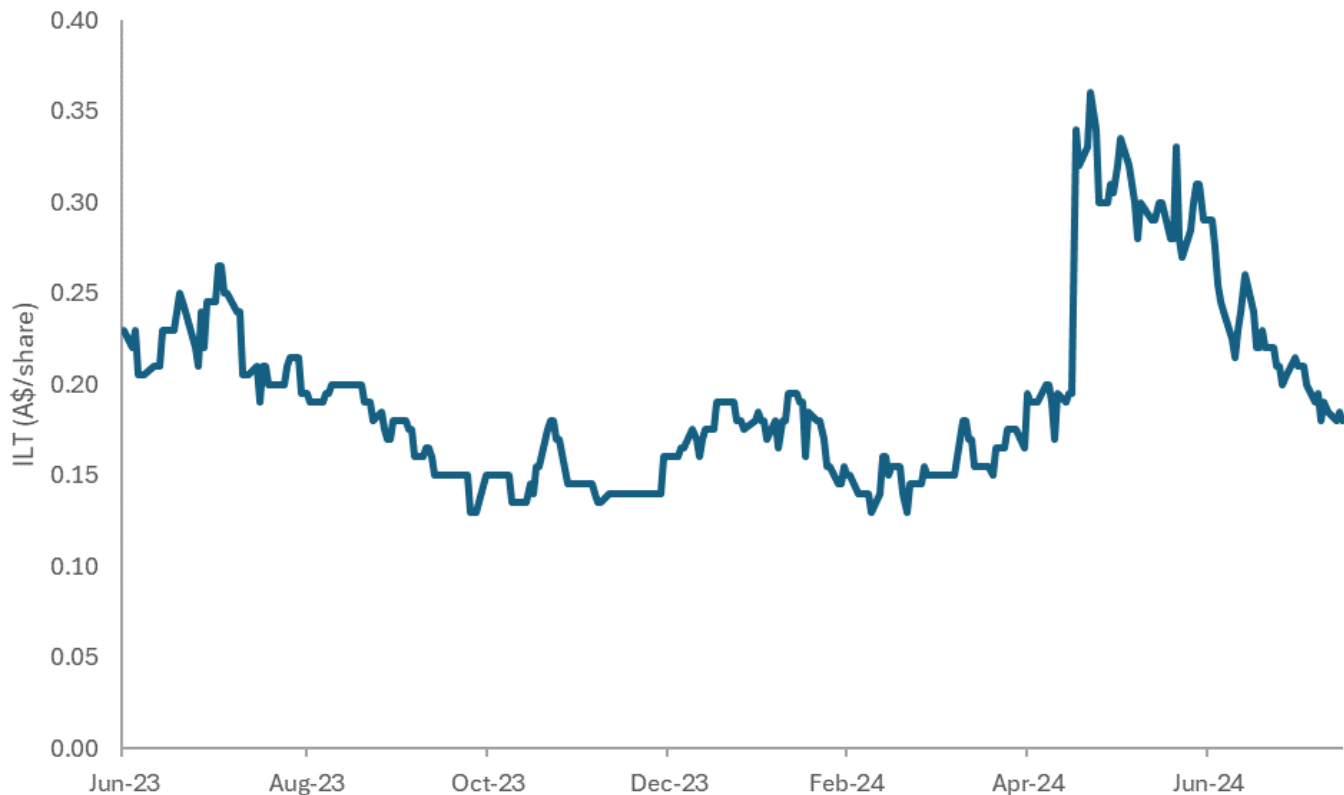


**FOCUSED ON THE DISCOVERY AND
DEVELOPMENT OF CRITICAL MINERALS
& METALS NECESSARY FOR A CLEAN
ENERGY FUTURE**

PIT TO PITCH 16 AUGUST 2024

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Share Trading History (IPO 30 June 2023 to date)



Itlani Resources (ASX:ILT)

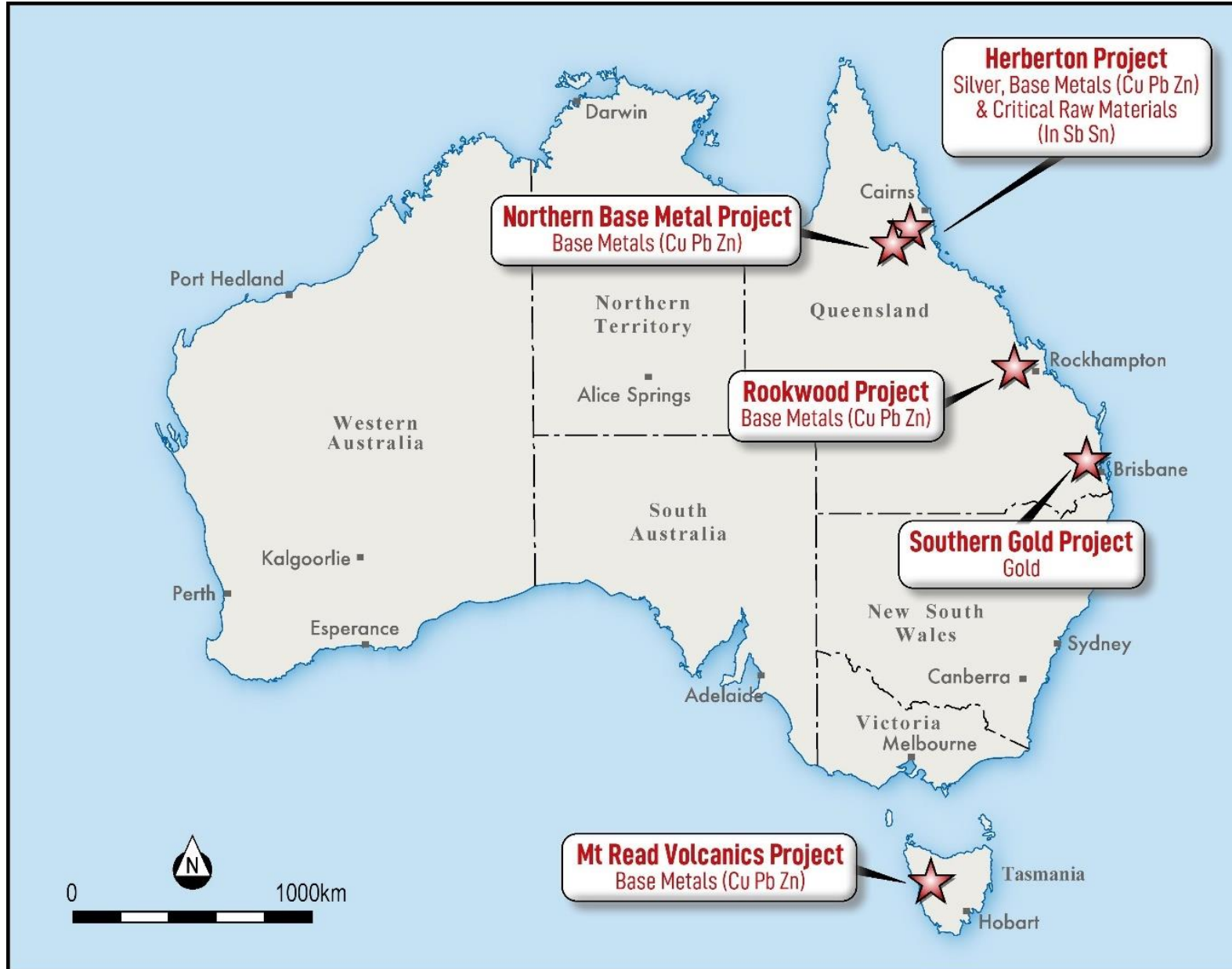
Share price	\$0.18
Shares on issue	41.8 million
Unlisted options	15.4 million
Market capitalisation	\$7.5 million
Cash (30 June 2024)	\$2.4 million
Enterprise value	\$5.1 million

Shareholder Structure

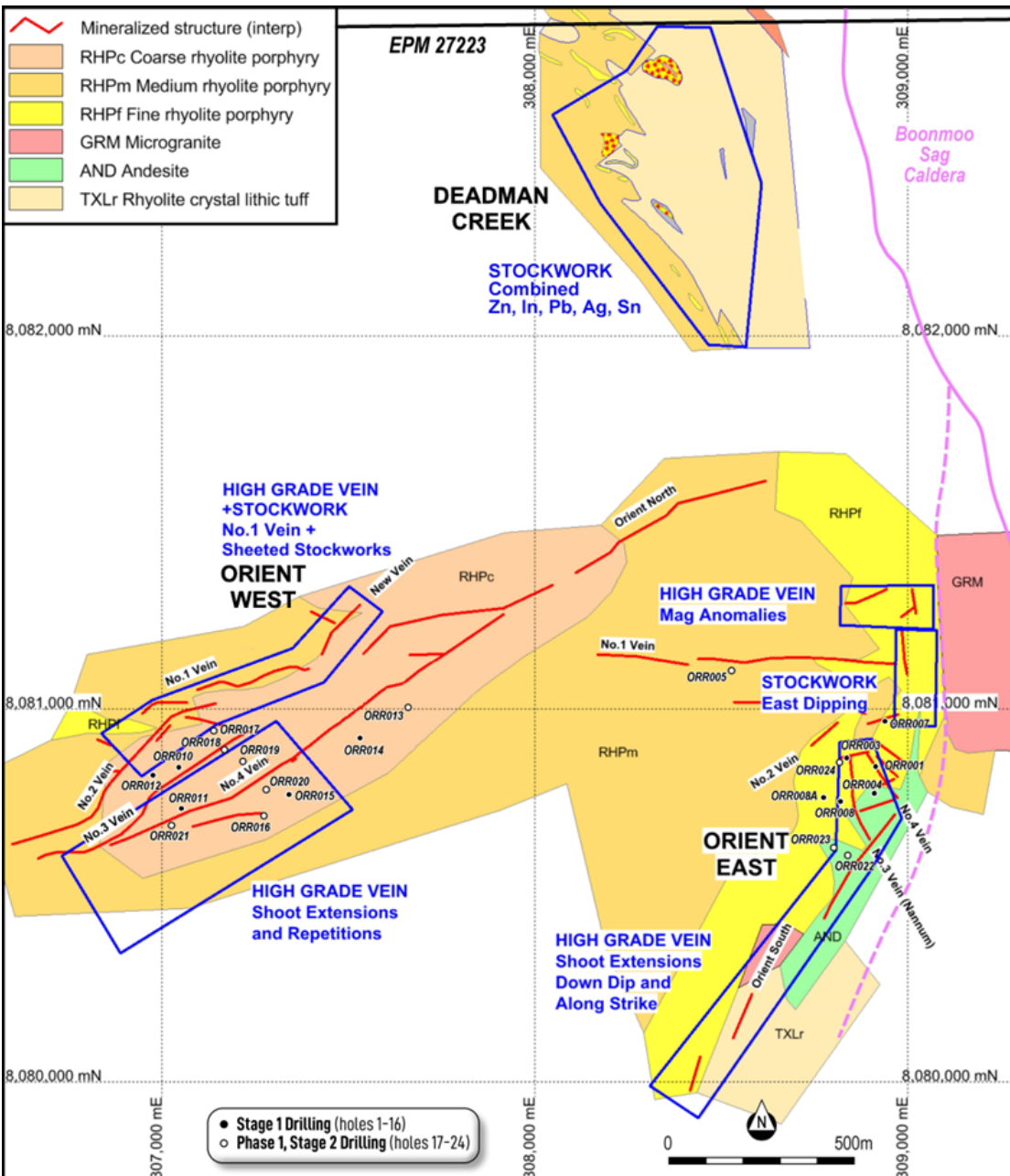
Board & Management	9.3%
Top 20 (excl Board & Management)	45.4%

Board

Non-Executive Chairman	Anthony Reilly
Managing Director	Donald Garner
Non-Executive Director & CoSec	Justin Mouchacca
Technical Advisor	Bruce Gemmell



- Itani continues to build a portfolio of advanced Australian Critical Mineral Projects through acquisition and application
- Our exploration and development activities focus on:
 - Silver
 - Indium
 - Copper
 - Zinc
 - Tin
- These metals are all in high demand due to their increasing use in clean energy and sustainable technologies



- Orient is an extensive precious metal-rich epithermal system with a likely intrusion (porphyry) at depth
- Strong similarities to the large Bolivian Ag-Zn-Pb-In-Sn systems
- Hosts multiple high-grade zinc-lead-silver-indium veins and stockworks outcropping over at least 5-6 km² area
- Zoned hydrothermal alteration (phyllic, argillic & propylitic) surrounding mineralisation
- Multiple target areas:
 - Orient West
 - Orient East
 - Deadman Creek
 - Orient Deeps
- Mined from 1886 to 1924, with extensive (>200) historical workings – targeted high-grade direct shipping silver-lead oxide ore



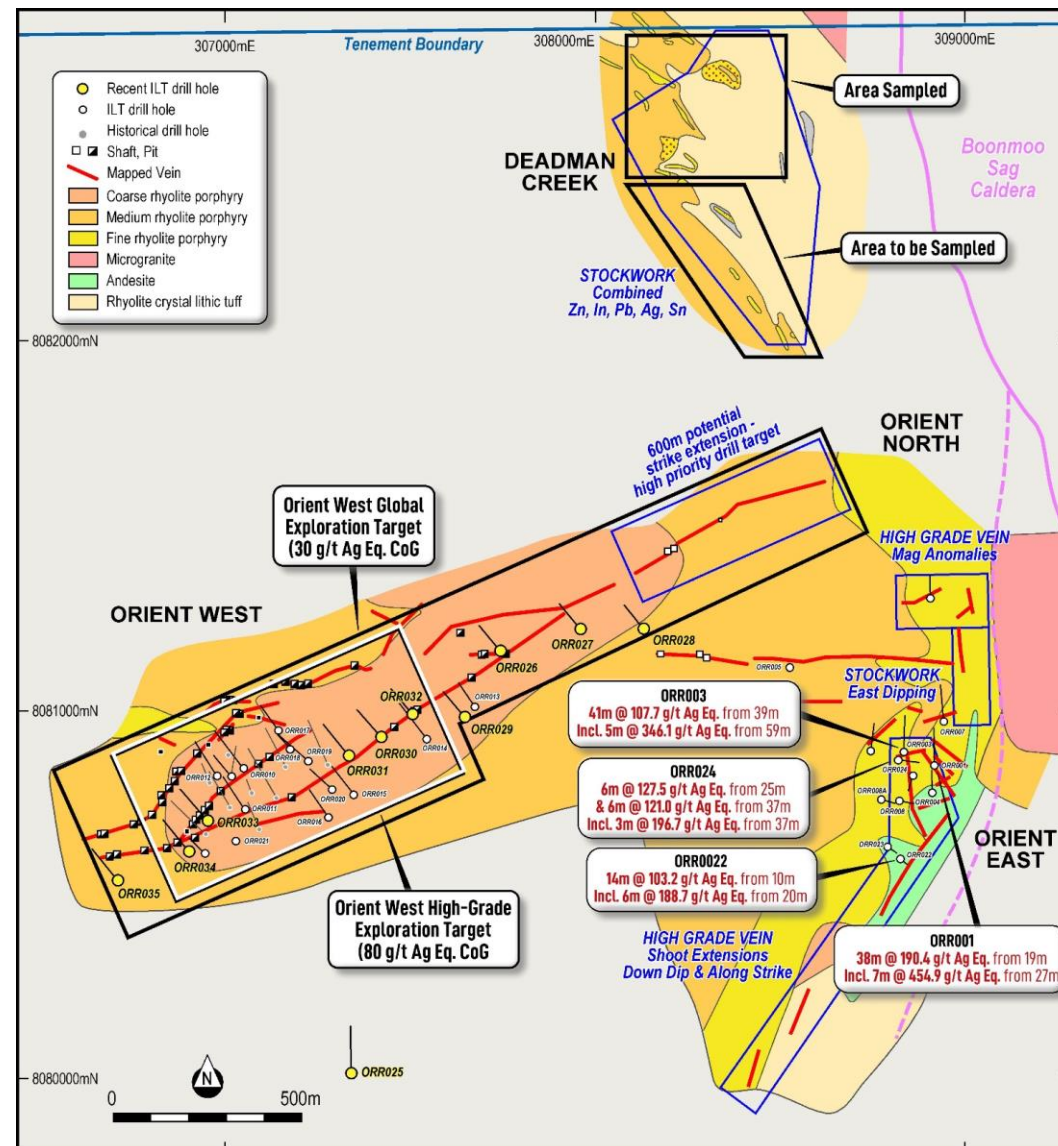
Orient West

20 RC Holes (4,102m drilled)
1 DD Hole (795m drilled)

Orient East

10 RC Holes (1,092m drilled)

✓	Confirm the presence of multiple large-scale vein systems
✓	Confirm open pit and UG mining development potential
✓	Confirm there is room for the tonnage needed to make an ore body
✓	Understand the continuity and grade of the system
✓	Test for high grade silver-indium mineralisation



High-Grade

ORR001: 7m @ 454 g/t Ag Eq. from 27m
ORR003: 5m @ 346 g/t Ag Eq. from 59m
ORR021: 5m @ 440 g/t Ag Eq. from 117m
ORR021: 4m @ 448 g/t Ag Eq. from 186m
ORR030: 9m @ 334 g/t Ag Eq. from 23m

Bulk Tonnage

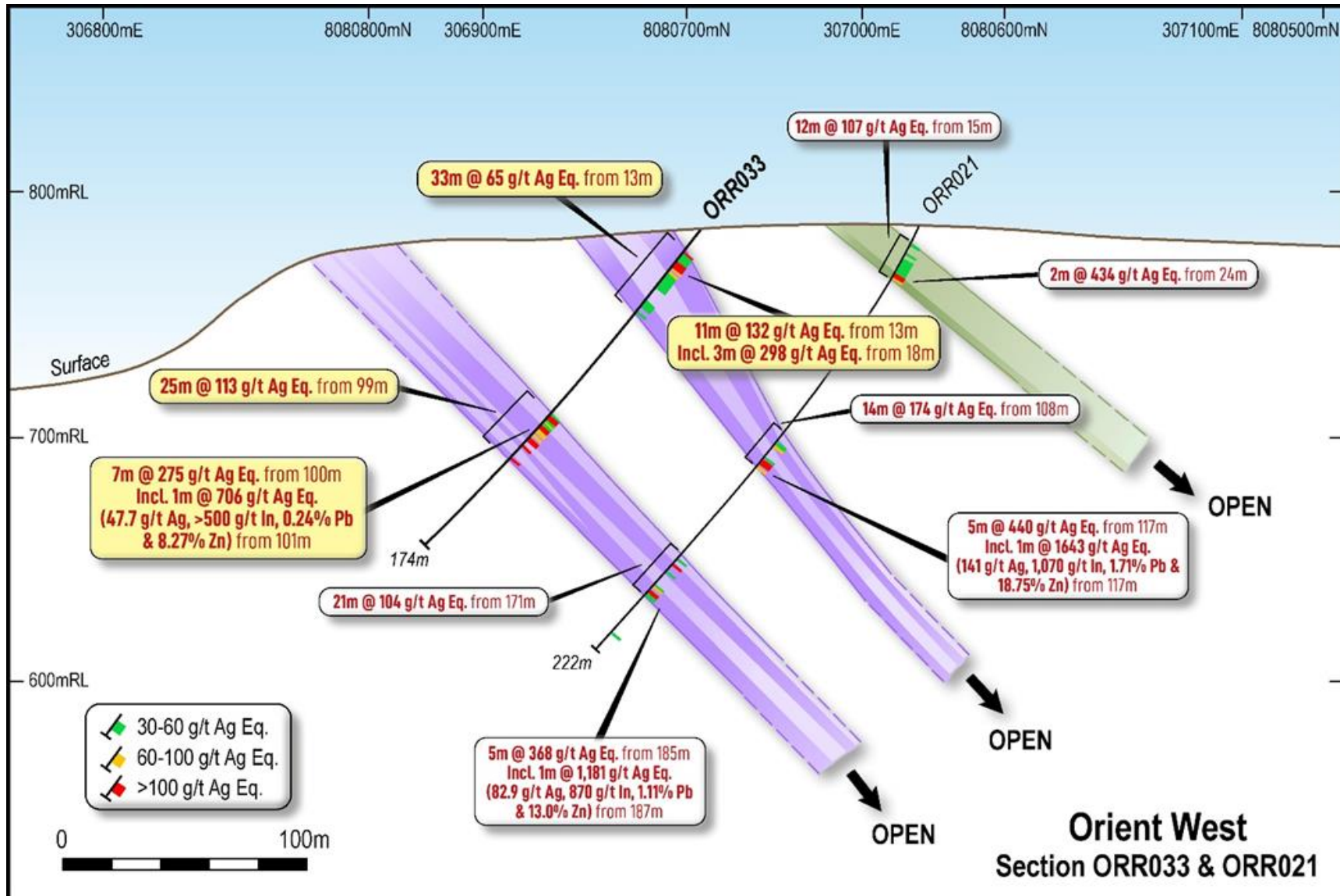
ORR001: 38m @ 190 g/t Ag Eq. from 19m
ORR003: 41m @ 107 g/t Ag Eq. from 39m
ORR010: 41m @ 126 g/t Ag Eq. from 41m
ORR022: 14m @ 103 g/t Ag Eq. from 10m
ORR033: 25m @ 115 g/t Ag Eq. from 99m

- Includes the highest indium drill intercept announced to date in Australia
- 1m @ 141 g/t Ag, 1,7% Pb, 18,8% Zn & 1,070 g/t In plus 0.8% Sn from 117m

- Orient West Exploration Target positions Orient as Australia's largest silver-indium project

Global Exploration Target (30 g/t Ag Eq. cut-off grade)				High-Grade Core (80 g/t Ag Eq. cut-off grade)			
		Minimum	Maximum			Minimum	Maximum
Tonnes Range	Mt	74	100	Tonnes Range	Mt	20	24
Ag Eq.	g/t	55	65	Ag Eq.	g/t	110	120
Ag	g/t	15	20	Ag	g/t	28	35
In	g/t	11	13	In	g/t	20	24
Pb	%	0.3	0.5	Pb	%	0.7	0.8
Zn	%	0.5	0.6	Zn	%	0.9	1.1

The potential quantity and grade of the Exploration Target is conceptual in nature. There has been insufficient exploration to estimate a Mineral Resource and it is uncertain if further exploration will result in the estimation of a Mineral Resource. The Exploration Target has been prepared in accordance with the 2012 Edition of The Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves ('the JORC Code')



- Vein systems outcrop
- High-grade and bulk tonnage mineralisation
- Open down-dip and along strike
- Potential to support open pit and UG mining operations

- We believe Orient is Australia's most exciting silver-indium project
- Orient could become a significant Australian producer of silver & critical minerals
- Historical test work indicates potential to produce high quality concentrates
 - Zinc-indium-silver concentrate (47 to 48% Zn, 2,000 g/t In & 200 g/t Ag)
 - Lead-silver concentrate (48% Pb & 2,250 g/t Ag)
- Opens pathways for non-dilutive critical minerals related funding (QLD & Federal) going forward

- | | |
|---------------|---|
| Indium | <ul style="list-style-type: none">■ Current price of ~ US\$350/kg■ Global production ~ 1,000 tonnes per annum; recovered from zinc-indium concentrates■ Critical in multiple hi-tech applications:<ul style="list-style-type: none">— Indium Tin Oxide (ITO) – ITO thin film coatings are primarily used for electrically conductive purposes in a variety of flat-panel displays—most commonly liquid crystal displays (LCDs)— Other indium end uses include alloys and solders, compounds, electrical components and semiconductors, and research— InP-based substrates are used in 5G fiber-optic telecommunications networks where InP lasers and receivers send data through fiber-optic lines |
|---------------|---|

Orient West

- Restart drilling in Q3 2024
- Targeting Orient West high-grade core
- Infill drilling to convert Exploration Target to an Inferred JORC Resource

Orient East

- Restart drilling in Q3 2024
- Targeting Orient East high-grade core
- Define Exploration Target

Deadman Creek

- Sample South Deadman Creek
- Define drill targets

- Low-cost entry point into Australia's largest (and growing) silver-indium project
- At the discovery point in the value creation (Lassonde) curve

Itani Resources

- Highly experienced Board & Management team
- Building an attractive portfolio of base, precious and critical mineral assets
- Focused on silver, indium, copper, zinc and tin
- Well positioned to deliver material shareholder value creation

Orient Project

- Australia's most exciting silver-indium exploration project
- Epithermal-porphyry system – veins/stockwork/alteration over 5 to 6km²
- Orient West Exploration Target of 20 to 24Mt @ 110 to 120 g/t Ag Eq.
- Restarting drilling – target initial JORC resource by end 2024
- Targeting open pit & UG potential

Actively Exploring

- Accelerating copper exploration activities
 - Recent application in Tasmania (contiguous with Mt Lyell Cu deposit)
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Metallurgical Equivalent Calculation

The metal equivalent formula is: $\text{Ag Eq.} = \text{Ag} + (\text{Pb} \times 35.5) + (\text{Zn} \times 50.2) + (\text{In} \times 0.47)$

Metal Equivalent Calculation - Recoveries and Commodity Prices

Metal	Price/Unit	Recovery
Silver	US\$20/oz	87%
Lead	US\$1.00/lb	90%
Zinc	US\$1.50/lb	85%
Indium	US\$350/kg	85%

It is Ittani's opinion that all the elements included in the metal equivalents calculation have a reasonable potential to be recovered and sold.

Competent Persons Statement

Exploration Results

The information in this report that relates to Exploration Results is based on information compiled by Mr Erik Norum who is a member of The Australasian Institute of Geologists (AIG), and is a consultant engaged by Ittani Resources Limited., and who has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activities being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting Exploration Results, Mineral Resources and Ore Reserves' (JORC Code).

Mr Norum consents to the inclusion in this report of the matters based on the information in the form and context in which it appears.

Competent Persons Statement

Exploration Target

The Exploration Target estimate has been prepared by Mr Stuart Hutchin, who is a Member of the Australian Institute of Geoscientists. Mr Hutchin is a full time employee of Mining One Consultants. Mr Hutchin has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity for which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the “Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves”.

Mr Hutchin consents to the inclusion in the release of the matters based on his information in the form and context in which it appears.

This presentation contains information extracted from ASX market announcements reported in accordance with the 2012 edition of the “Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves” (2012 JORC Code). Further details (including 2012 JORC Code reporting tables where applicable) of exploration results referred to in this ASX announcement can be found in the following announcements lodged on the ASX:

These announcements are available for viewing on the Company’s website www.iltaniresources.com.au. Itani Resources confirms that it is not aware of any new information or data that materially affects the information included in any original ASX announcement.

Date	Announcement
13 October 2023	Itani hits wide intersections of silver-lead-zinc-indium-antimony-tin mineralisation at Orient
24 October 2023	Itani confirms significant new discovery of silver-lead-zinc-indium-antimony-tin system at Orient, QLD
13 November 2023	Test work confirms silver-indium production potential at Orient, QLD
19 February 2024	Drilling points to major silver-indium discovery at Orient, QLD
11 March 2024	Itani achieves highest reported indium grades in drilling at Orient, QLD
26 March 2024	Itani awarded CEI grant to fund Orient Deep Diamond Hole
8 April 2024	Itani to restart drilling at Orient Silver-Indium Project, QLD
6 May 2024	Itani commences drilling at Orient Silver-Indium Project, QLD
5 June 2024	IP drillhole results confirm Orient extension
12 June 2024	Orient deep diamond hole commences
17 June 2024	Drilling delivers a 550m strike extension to Orient Project
4 July 2024	Itani delivers silver-indium mineralisation up to 1,552 g/t Ag Eq. at Orient Project, QLD
11 July 2024	Drilling defines 900m long high-grade silver-indium zone at Orient West
18 July 2024	Itani defines Orient West Exploration Target
6 August 2024	Itani expands Deadman Creek sampling after encouraging silver-indium results
15 August 2024	Orient West deep drillhole returns up to 420 g/t Ag Eq. highlighting UG resource potential