



# RAIDEN RESOURCES INVESTOR PRESENTATION

September 2023

ASX:RDN  
DAX:YM4



# Disclaimer



## CAUTIONARY AND FORWARD-LOOKING STATEMENTS

This presentation does not constitute investment advice. This presentation has been prepared by Raiden Resources Limited ("the Company" or ASX:RDN) to provide summary information about the Company and its activities as at the date of this presentation (September 2023). Neither this presentation nor the information contained in it constitutes an offer, invitation, solicitation or recommendation in relation to the purchase or sale of shares in any jurisdiction. The presentation does not take into account any person's particular investment objectives, financial resources or other relevant circumstances and the opinions and recommendations in this presentation are not intended to represent recommendations of particular investments to particular persons. All securities transactions involve risks, which include (among others) the risk of adverse or unanticipated market, financial or political developments.

The Company confirms that it is not aware of any information or data that materially affects the information included in this presentation, and that all material assumptions and technical parameters underpinning the announcements on which this presentation relies continue to apply. The information contained in this presentation is a professional opinion only and is given in good faith.

Certain information in this presentation has been derived from third parties and though Raiden Resources has no reason to believe that it is not accurate, reliable or complete, it has not been independently audited or verified by Raiden Resources.

Any forward-looking statements included in this presentation involve subjective judgement and analysis and are subject to uncertainties, risks and contingencies, many of which are outside the control of, and maybe unknown to, Raiden Resources. In particular, these statements speak only to the date of this presentation, they assume the success of Raiden Resources' strategies, and they are subject to significant regulatory, business, competitive and economic uncertainties and risks. Actual future events may vary materially from the forward-looking statements and the assumptions on which these assumptions are based. Recipients of this presentation are cautioned not to place undue reliance on such forward-looking statements.

Raiden Resources makes no representation or warranty as to the accuracy, reliability or completeness of information in this document and does not take responsibility for updating any information or correcting any errors or omissions which may become apparent after this presentation is released.

To the extent permitted by law, Raiden Resources and its officers, employees, related bodies corporate and agents disclaim all liability, direct, indirect or consequential (and whether or not arising out of the negligence, default or lack of care of Raiden Resources and/or any of its agents) for any loss or damage suffered by a recipient or other persons arising out of, or in connection with, any use or reliance on this presentation or information. All amounts in A\$ unless stated otherwise.

## ASX Announcements referenced in this presentation

- <sup>1</sup> ASX:RDN announcement 29 August 2023 \$6m in funding to accelerate Pilbara Lithium Projects
- <sup>2</sup> ASX:RDN announcement 28 June 2023 Raiden expands lithium portfolio adjacent to Azure Minerals
- <sup>3</sup> ASX:RDN announcement 23 August 2023 Raiden defines 30m wide outcropping pegmatites at 'andover south project
- <sup>4</sup> ASX:GRE announcement 24 July 2023 Greentech metals Further high-grade lithium assays - up to 3.6% Li<sub>2</sub>O - reported at Osborne jv in WA
- <sup>5</sup> ASX:RDN announcement 7 August 2023 Raiden acquires lithium rights over the arrow project in the pilbara
- <sup>6</sup> AXN:MorellaCorporation Limited 10 May 2023 Drilling underway at Mallina Lithium
- <sup>7</sup> ASX:RDN announcement 03 April 2023 Maiden Mineral Resource Estimate & JORC Exploration Target

## Competent Person Statement, Previously Reported Information and Cautionary Statement

The information from ASX announcements referenced (footnotes 1 to 7) in this presentation that relates to Exploration Results at the Company projects have been previously released on the ASX. The Company confirms it is not aware of any information or data that materially affects the information included in the market announcements and that all material assumptions and technical parameters underpinning the announcements continue to apply. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcements referred to above.

## Mineral Resources

The Company confirms it is not aware of any new information or data that materially affects the information included in the 3 April 2023 (Maiden Mineral Resource Estimate & JORC Exploration Target) Raiden Resource estimate and all material assumptions and technical parameters underpinning the estimate continue to apply and have not materially changed when referring to its resource announcement made on 3 April 2023. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

## Cautionary Statement LR 5.16.5

The potential quantity and grade of this exploration target included in 3 April 2023 release is conceptual in nature, there is currently insufficient exploration completed to support a mineral resource of this size and it is uncertain whether continued exploration will result in the estimation of a JORC resource. The Exploration Target has been prepared in accordance with the JORC Code (2012).

# Corporate Overview / Structure & Highlights

## CAPITAL STRUCTURE (Undiluted)

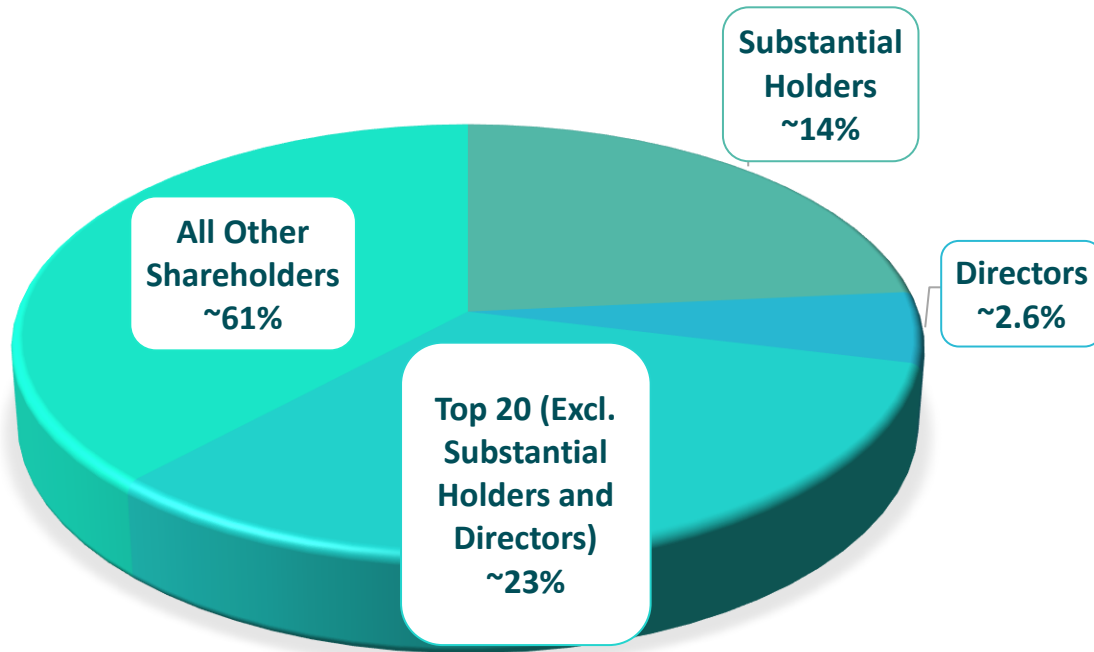
MARKET CAP ~\$57.5M  
 at A\$0.028 (01/09/2023)  
 SHARES ON ISSUE ~2,055M  
 (Further 317.7M shares to be issued)

## TOP HOLDERS

Top 20 ~39%  
 Top 50 ~56%  
 Top 100 ~70%

## SUBSTANTIAL HOLDERS

Pacton Gold Inc ~9%  
 Kitara Investments ~5%



- ~ 450km<sup>2</sup> portfolio in Li<sub>2</sub>O elephant territory in the Pilbara
- Recent acquisition of projects adjacent to Andover lithium discovery - Secured prime real-estate adjacent to a world class discovery
- Defined significant Li<sub>2</sub>O bearing pegmatite swarms over extensive strike and mapped widths
- Preparations for drilling program under way on Andover South
- Well capitalised - \$6m raised in August for multiple programs<sup>1</sup>



## MICHAEL DAVY - Non-Executive Chairman

Australian business executive with extensive experience in the Australian oil, gas and resources sectors. Mr Davy is also a Non-Executive Director of ASX listed Vanadium Resources Ltd, Haranga Resources Ltd and Arcadia Minerals Ltd.

## DALE GINN – Non-Executive Director

Mr Ginn is an experienced mining executive and geologist of over 30 years based in central Canada. He is the founder of numerous exploration and mining companies, and has led and participated in a variety of gold and base metal discoveries, many of which have entered production. Previously lead the Aston Mineral's Boomerang Ni sulphide project drill out in Canada.

## WARRICK CLENT – COO

Geologist with +25 years' technical experience in the mining industry, having worked on greenfield through to advanced exploration projects, open cut and underground mines across the commodity spectrum in multiple countries and jurisdictions including Australia, Papua New Guinea and Indonesia.

## DUSKO LJUBOJEVIC - Managing Director

Geologist and executive with extensive global mining and exploration experience in Europe, Africa, Central Asia, Australia & North America. Previously held senior positions in junior exploration companies; mid-tier and global majors. Co-founded and listed several exploration companies, including being the co-founder of Raiden Resources.

## KYLA GARIC - Company Secretary & Non-Executive Director

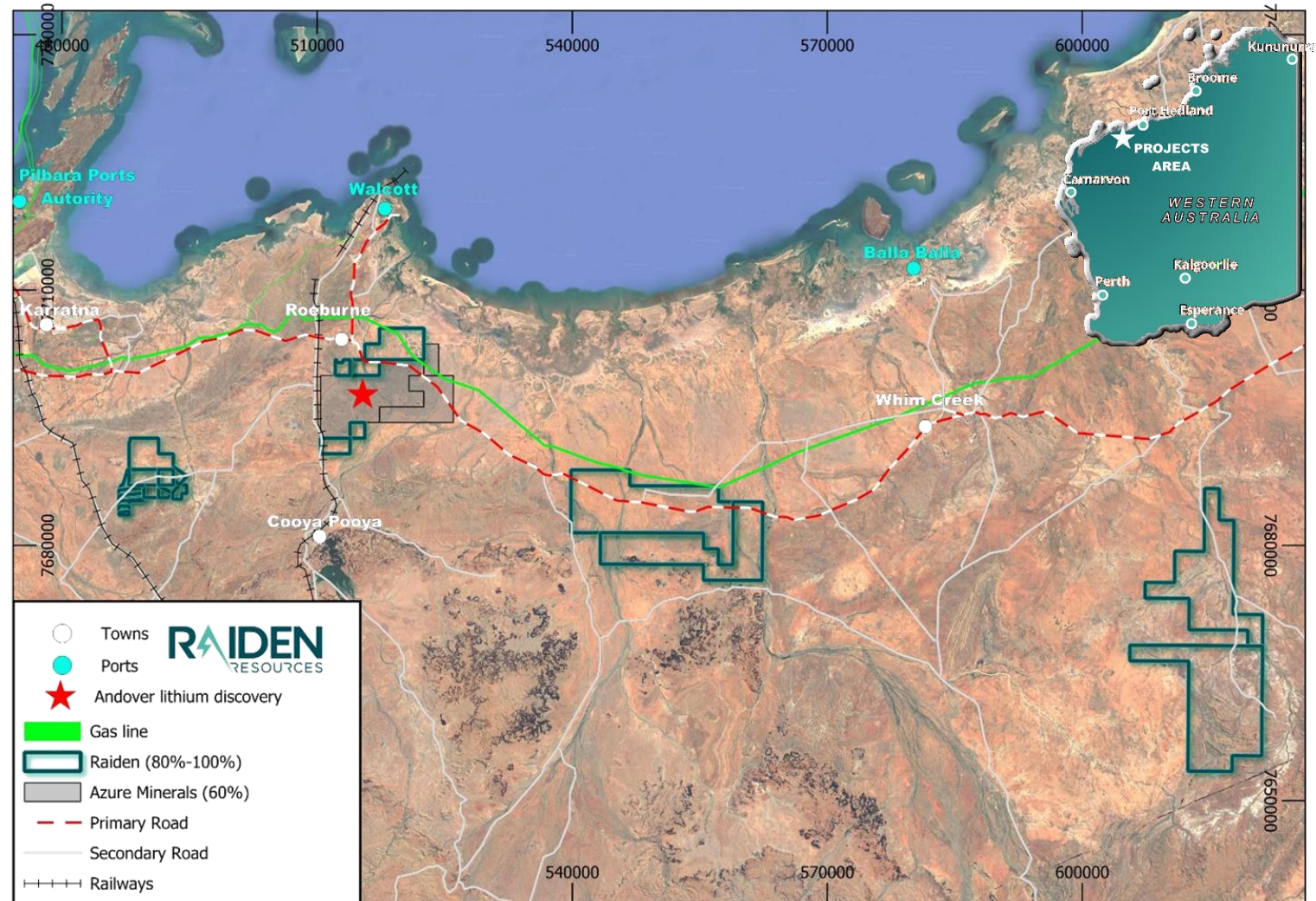
Qualified Chartered Accountant and Company Secretary with over 18 years experience working in the ASX markets. Ms. Garic is a director of Onyx Corporate in Australia.

## BRUCE VAN BRUNT– Technical Advisor

International mining professional, +35 years experience, mining engineering and geological background, who held key management positions with a number of majors (Echo Bay Mines, Placer Dome, OceanaGold), junior miners (Amara) and development companies (MDL, Teranga). Developed and operated multiple mines in North America and across Africa.

# Pilbara Lithium Portfolio

- Mapped pegmatite swarms adjacent to one of the most important hard rock  $\text{Li}_2\text{O}$  discoveries in the world (Andover North and South projects)
- Large ground holding with historically defined pegmatites at Arrow project
- Pegmatite lithium discoveries in the Mt Sholl project district
- District is serviced by excellent infrastructure (power, proximal port access, water, road network)

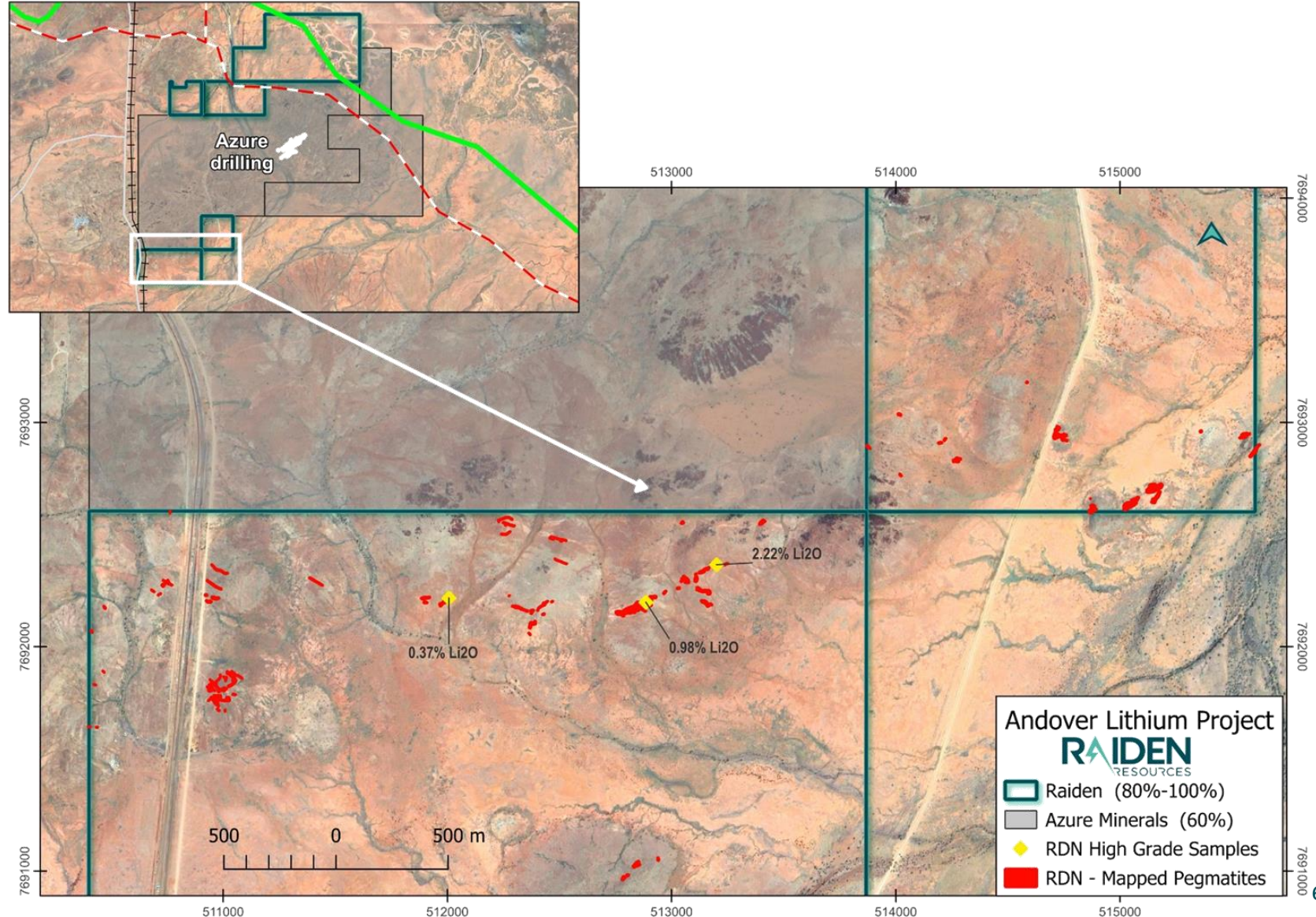






# Andover North & South Lithium Project (RDN 80-100%)

- Acquisition of Welcome Exploration Pty Ltd tenements<sup>2</sup> directly adjacent to Azure Minerals Andover Lithium Project, forms the 40Km Andover North and South project
- Andover Complex rocks interpreted to underlie all current and acquired tenements
- Due diligence reconnaissance outcrop sampling on Andover South tenements only, confirms multiple lithium bearing pegmatites<sup>3</sup>
  - Outcropping pegmatites noted across a **4-kilometre-long pegmatite field**
  - Individual Li<sub>2</sub>O bearing pegmatites outcrop **up to 30 meters wide at surface<sup>3</sup>**
  - Significant rock chip results include:
    - **2.22% Li<sub>2</sub>O** - sample R21160
    - **0.98% Li<sub>2</sub>O** – sample R21163
    - **0.37% Li<sub>2</sub>O** – sample R21168
- Detailed mapping/sampling underway over the Andover South tenements
- Soil sampling for Andover North planned







# Andover South Lithium Project



- Swarms of subparallel pegmatites defined over 4km trend
- Significant individual pegmatites (30 meter wide in outcrop)

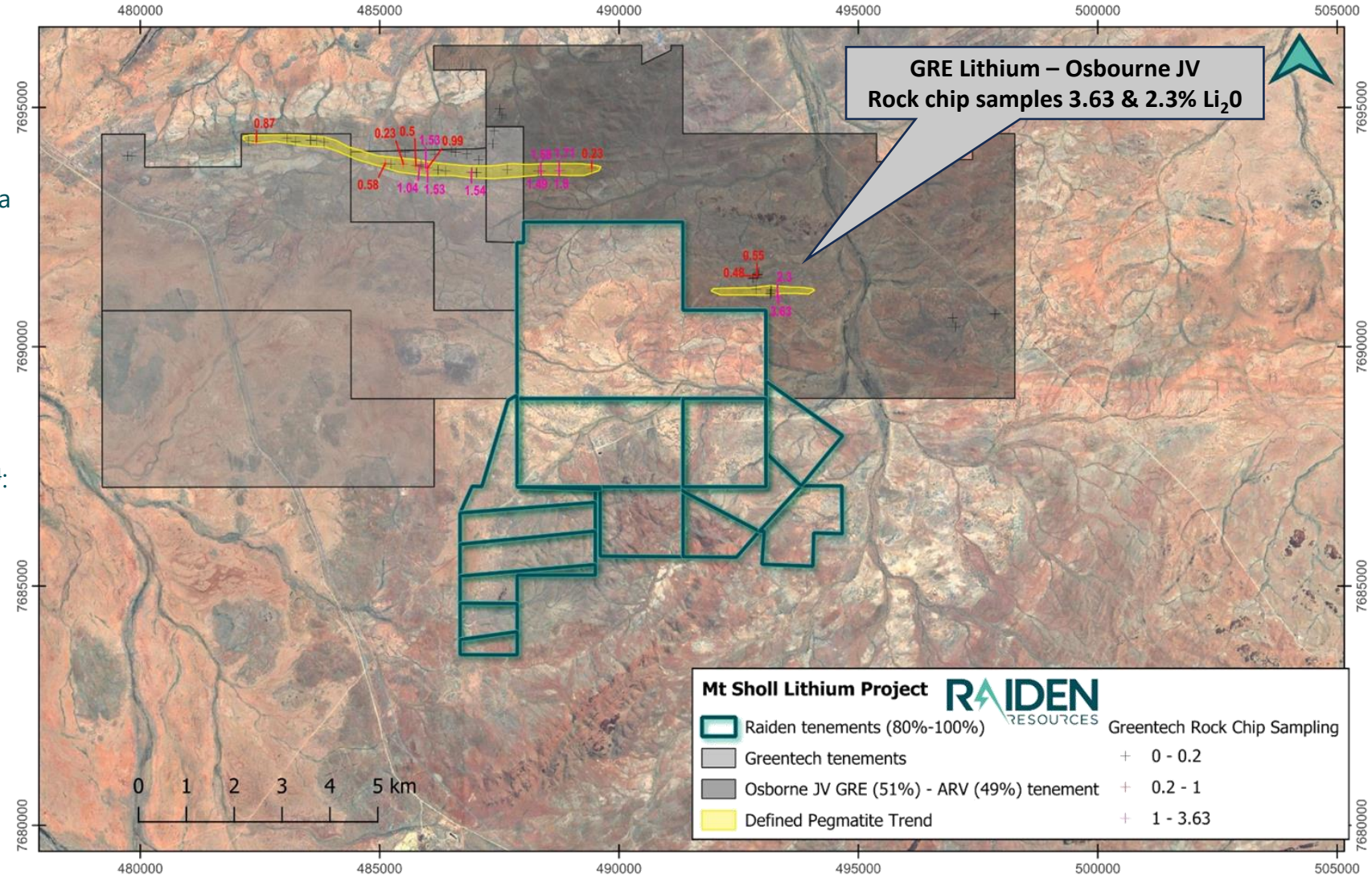




# Mt Sholl Lithium Project (RDN 80-100%)



- Highly prospective for lithium-bearing pegmatites with multiple pegmatite fields defined by other parties adjacent to project area
- Current focus on Raiden's northern-most tenement (E47/3181), with reconnaissance mapping and sampling of southern tenements planned
- Same lithology as GreenTech Metals Ltd's (GRE) recent Osbourne JV high-grade lithium trend
  - Significant GRE rock chip results include<sup>4</sup>:
    - **3.63% Li<sub>2</sub>O**
    - **2.3% Li<sub>2</sub>O**
    - **0.55% Li<sub>2</sub>O**
    - **0.48% Li<sub>2</sub>O**

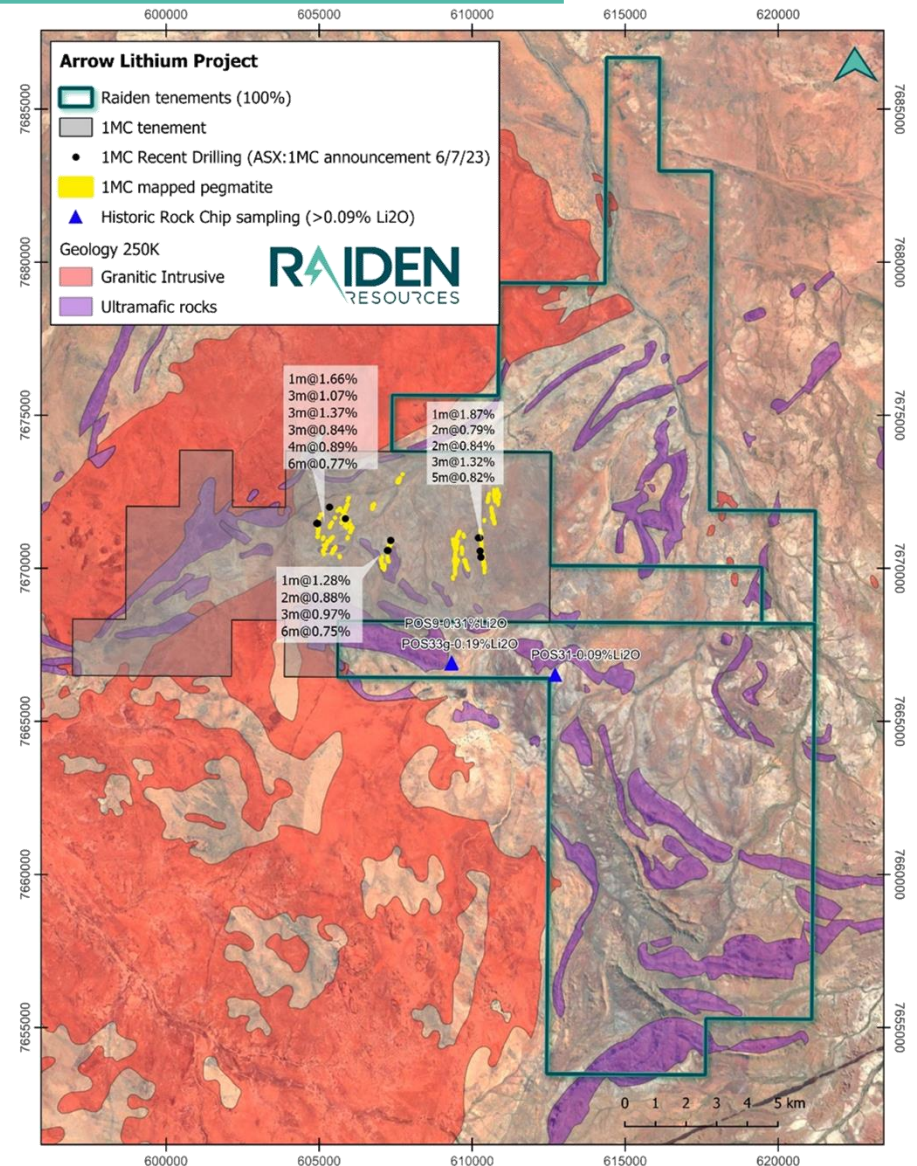






# Arrow Lithium Project (RDN owns 100% of Au rights and option to earn into 85% or acquire 100% of Lithium rights)

- Raiden has option to acquire 100% of Li-Cs-Ta mineral rights for the Arrow Project area (currently holds 100% of all other minerals)<sup>5</sup>
- Historic exploration has identified fertile and fractionated granitic intrusions, source of mineralised Li-Cs-Ta bearing (LCT) pegmatites
- Historic (2020) rock chipping and field observations confirmed that the Satirist Granite was a potential source rock for LCT bearing pegmatites, results included:
  - **0.31% Li<sub>2</sub>O** – sample POS9
  - **0.19% Li<sub>2</sub>O** – sample POS33g
- Recent Morella Corporation (1MC) drilling<sup>6</sup> has confirmed numerous lithium bearing pegmatites adjacent to Raiden’s tenure, significant results have included:
  - **16.4m @ 1.24% Li<sub>2</sub>O** from 4.6m in hole M22\_004\_D
  - **3m @ 1.37% Li<sub>2</sub>O** from 54m in hole MRC050
  - **3m @ 1.32% Li<sub>2</sub>O** from 26m in hole MRC081
  - Visual spodumene identified in pegmatites
- Detailed mapping/sampling to commence imminently over the Arrow North tenement







# Mt Sholl – Maiden JORC Resource (RDN 80-100%)



Classification	Tonnes Mt	Ni %	Cu %	Co ppm	3E <sup>1</sup> g/t	Ni Metal kt	Cu Metal kt	3E (Pd, Pt, Au) oz
<b>Open Pit</b>								
Indicated	10.5	0.39	0.45	134	0.32	41.0	47.3	108,031
Inferred	9.8	0.29	0.32	78	0.32	28.4	31.3	100,715
<b>Total</b>	<b>20.3</b>	<b>0.34</b>	<b>0.39</b>	<b>107</b>	<b>0.32</b>	<b>69.34</b>	<b>78.6</b>	<b>208,745</b>
<b>Underground</b>								
Inferred	3.1	0.48	0.47	57	0.25	14.9	14.6	24,898

**Total Resource<sup>7</sup> - 23.4Mt @ 0.6% Ni<sub>Eq</sub> or 1.54% Cu<sub>Eq</sub> (at 0.35% Ni<sub>Eq</sub> cut-off), OR**

**40Mt @ 0.45% Ni<sub>Eq</sub> or 1.17% Cu<sub>Eq</sub> (at 0.15% Ni<sub>Eq</sub> cut-off)**

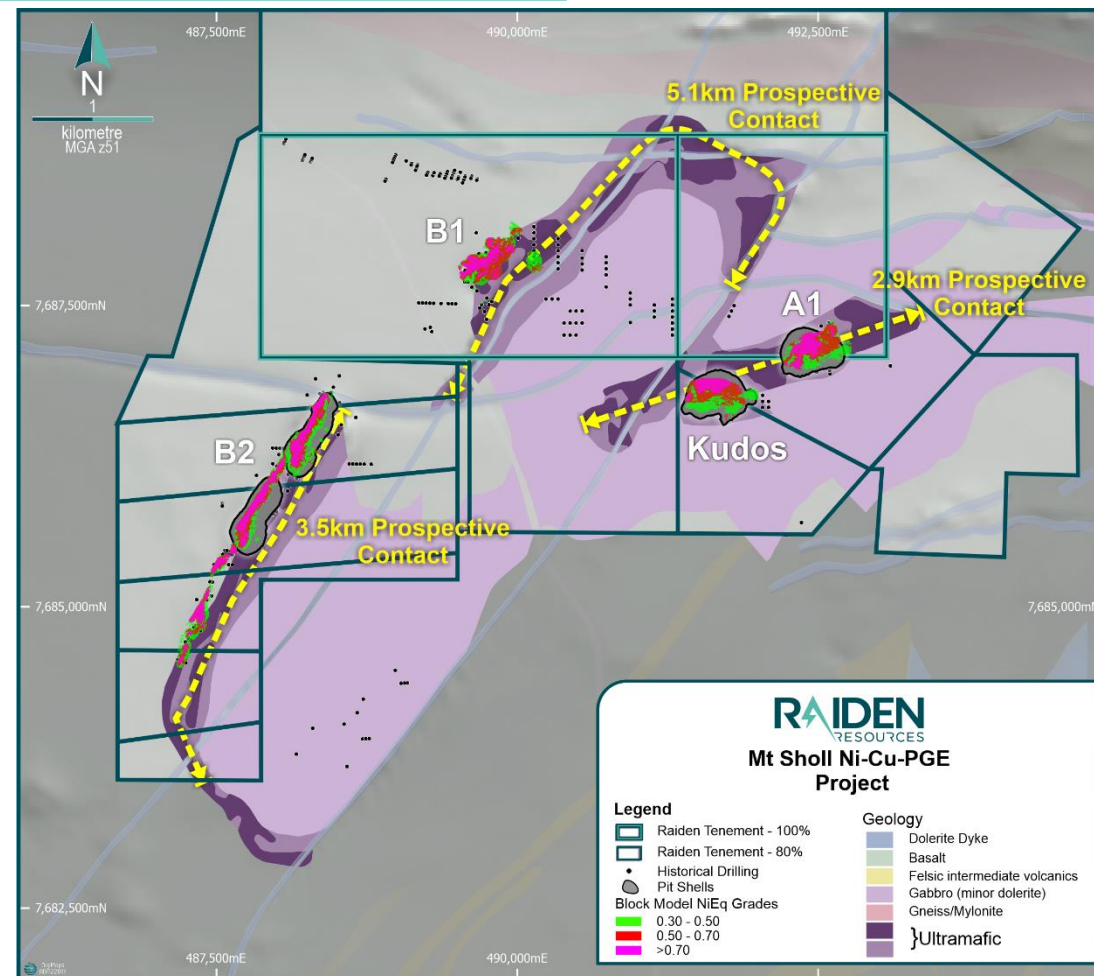
High-grade resource of **5.8Mt @ 0.94% Ni<sub>Eq</sub> / 2.48% Cu<sub>Eq</sub> (at 0.70% Ni<sub>Eq</sub> cut-off)<sup>7</sup>**

Potential for grade improvements through further drilling:

Indicated (40m drill spacing) vs Inferred (100m drill spacing) category grade comparison

- **26% increase in Nickel** grade in Indicated category
- **29% increase in Copper** grade in Indicated category
- **42% increase in Cobalt** grade in Indicated category

**B1 test mining pit (~10 x 15m drill spacing) = 128Kt @ 0.55% Ni; 0.9% Cu; 0.6g/t Pd  
(1.0% Ni<sub>Eq</sub> or 2.47% Cu<sub>Eq</sub>)**



- **Only 40% of prospective strike drill tested to date** (potential near surface mineralisation defined and remains undrilled)
- Depth extents to be defined / closed off (all deposits open at depth)



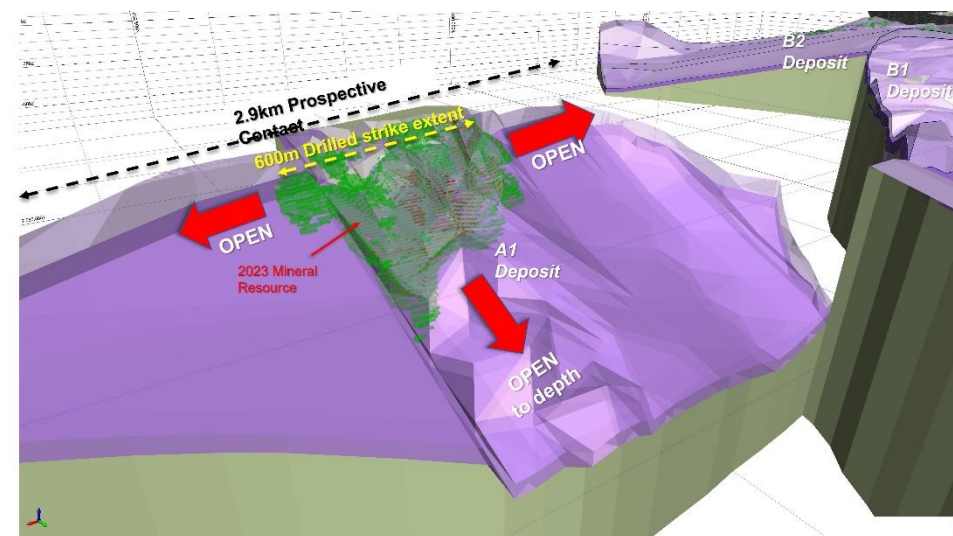
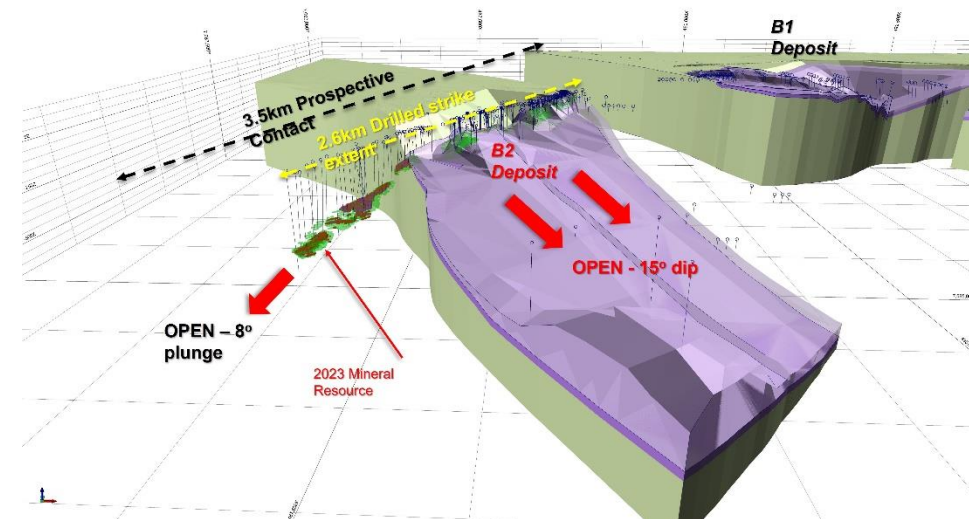
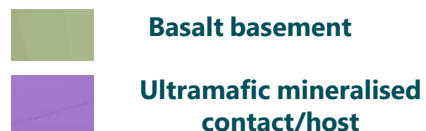
# Mt Sholl – JORC Exploration Target

## ➤ JORC Exploration target\*:

**80 – 150Mt @ a grade range of 0.45 – 0.75% Ni Eq or 1.15 – 1.95% Cu Eq** <sup>2</sup>

- Exploration target is based on geological extensions of target units to depth and along strike; magnetic, VTEM and EM anomalies defined over the project area
- Mineralisation is hosted within a **40-50m wide contact zone** between the underlying basalts and overlying gabbro-dolerite & pyroxenites. The contacts are interpreted to dip at a shallow (15-20 degree) angle
- Majority of the prospective > **11km strike has not been drill tested**
- Magnetic and VTEM surveys indicate “look-alike” anomalism along almost entire 10km strike length - **strong potential for further near surface mineralisation**
- Mineralisation has been intercepted up to **600 metres down dip** & remains open to depth – potential for a very large target area (**+1.5km dip extents**) & potential for definition of significant further mineralisation
- **Majority of current drilling is within upper 100 metres**
- **Only ~6% of modelled potential contact zone drilled to date**

\*The potential quantity and grade of this exploration target is conceptual in nature, there is currently insufficient exploration completed to support a mineral resource of this size and it is uncertain whether continued exploration will result in the estimation of a JORC resource. The Exploration Target has been prepared in accordance with the JORC Code (2012).





# Investment Highlights

- Planning a drilling program on Andover South project with defined large pegmatite targets
- Work under way to define pegmatite target areas on Mt Sholl, Andover North and Arrow projects
- Mt Sholl Ni-Cu-PGE project, metallurgical evaluations anticipated in the near term
- Undertaking strategic review to commercialise all projects and create upside potential for shareholder;
  - Arrow gold project (35km along strike to Hemi)
  - Advancement of Mt Sholl Ni-Cu-PGE deposit
  - Disposal of remaining European assets (BG1 Cu-Au porphyry deposit & Vuzel epithermal Au discovery) to generate further discovery upside potential and strengthen the treasury







RAIDEN  
RESOURCES



RAIDEN  
RESOURCES

DUSKO LJUBOJEVIC (Managing Director)

E: [dusko@raidenresources.com.au](mailto:dusko@raidenresources.com.au)

A: Suite 7, 63 Shepperton Road, Victoria Park, WA AUS 6100