# impact.

MINERALS

An Emerging
Western Australian
Battery Metals Explorer

Dalgaranga

Narryer

Doonia

Doonia

Arkun

Perth HQ

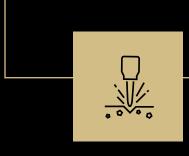
Hopetou

Broken Hill

Commonwealth



# The Key to Exploration Success: Large Strategic Ground Holdings: Ni-Cu-PGM-Au; LCT Pegmatites; REE-Rb



# Early stage Gold, Ni-Cu-PGM and LCT Pegmatites

# WA Projects (IPT 100% or 80%)

- Doonia, WA: walk up drill target for gold drilled Q1 2022.
- Arkun, WA: Large strategic ground holding of 2,000 sq km in the emerging Ni-Cu-PGE Province near Julimar (Chalice Mining NL). Surrounded by Anglo American Corporation
- Four new JV's using emerging geophysical technology



### \$18 million joint venture with IGO on emerging high grade Ni-Cu-PGM discovery

# Broken Hill, New South Wales (IPT 100%)

- Home to the giant Broken Hill silver-lead-zinc deposit (>300 Mt)
- Large strategic ground holding of 815 sq km
- Major JV with IGO over wo tenement: ground EM survey commenced in January 2022.
- Large EM conductor found: drilling late 2022
- Remaining tenements: considering options.



### Other Strategic Holdings Rationalisation of portfolio in progress

# Commonwealth, NSW (IPT: 100%)

- Home to the giant Cadia copper-gold deposit
   (>40 Moz Au, >10 Mt Cu
- Large strategic ground holding of 700 sq km
- Potential for VMS deposits like Eskay Creek (4 M oz Au, 180M oz Ag): Inferred resource 160,000 oz Aueq
- Blackridge, QLD: 150 sq km covering part of >300,000 ounce gold field
- \$600,000 in shares in ASX juniors



About Impact Minerals (ASX: IPT)



November 2006
2,200 million
157M unlisted
1.2 c
\$25 million
A\$2 million

Shareholders	
Bunnenberg Family	10%
ABC Beteiligungen	10%
Directors	2.4%
Top 20	43%
Top 50	52%
No of Shareholders	3,700

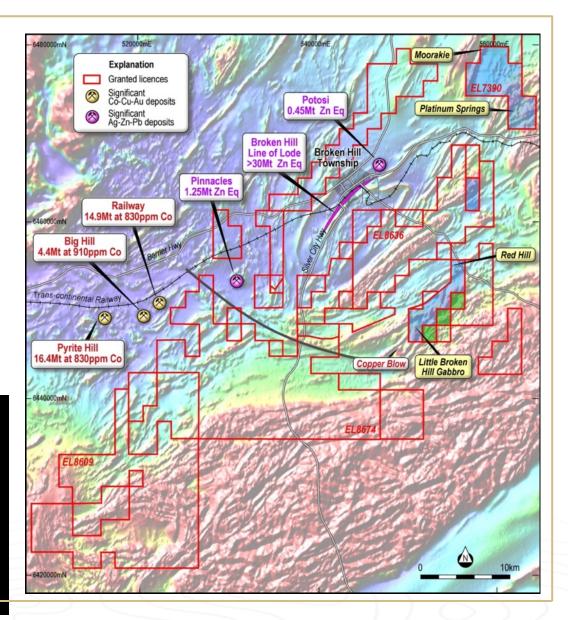


Major exploration and commodity boom in progress driven by war and government larceny











- Major land position of 815 sq km in one of Australia's most prolific mining belts
- 2. High PGM grades including rare PGM's Rh, Os, Ru and Ir
- 3. Multiple targets over 25 km for nickel-copper-PGM deposits
  - Moorkai: High grade rock chip samples over 9 km trend
  - Platinum Springs: high grade magmatic nickel-copper-PGE sulphide
  - Red Hill: Impact discovery of very high-grade PGE's
  - Little Broken Hill: poorly explored intrusion similar to Jinchuan and Voiseys Bay
- 4. Potential for million ounce PGM discovery with drilling in progress
- 5. Joint venture with IGO for Ni-Cu-PGM
- 6. Significant zinc-lead-silver potential

### Broken Hill Project **Overview**



### Major Joint Venture with IGO<sup>1</sup>



\$18 million over 8 years to earn 75%



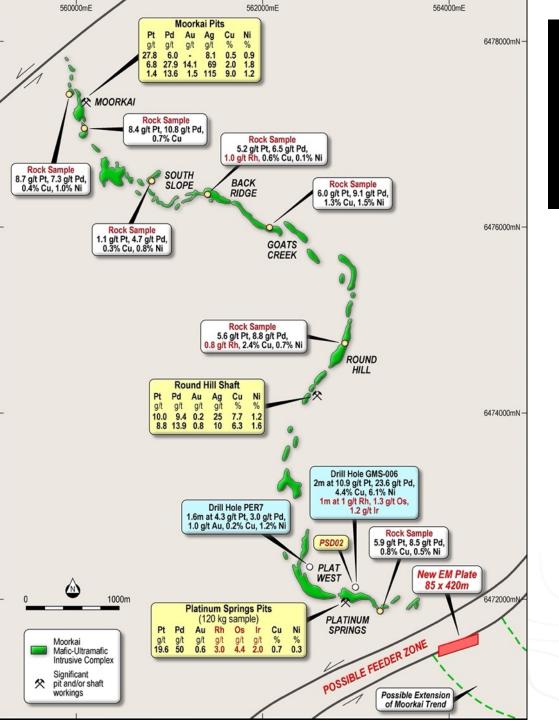
Stage 1: \$6 million to earn 51%

Stage 2: a further \$12 million to earn 75%



\$500,000 before withdrawal:

deep penetrating EM survey in progress: significant conductor discovered



# Magmatic Ni-Cu-PGM sulphides Moorkai-Platinum Springs<sup>2</sup>



#### **Platinum Springs**

- 0.6 metres at 11.5 g/t platinum,
  25.6 g/t palladium, 1.4 g/t gold,
  7.6% copper, 7.4% nickel, 44.3 g/t silver,
  0.16% cobalt, 1.3 g/t rhodium, 1.7 g/t iridium,
  2.0 g/t osmium and 0.8 g/t ruthenium
  from 57.1 metres down hole within
- Richest ore in Australia?
- Southern end of the 9 km Moorkai Trend dripping in PGE's
- New Eivi Conductor at southern end of Trend

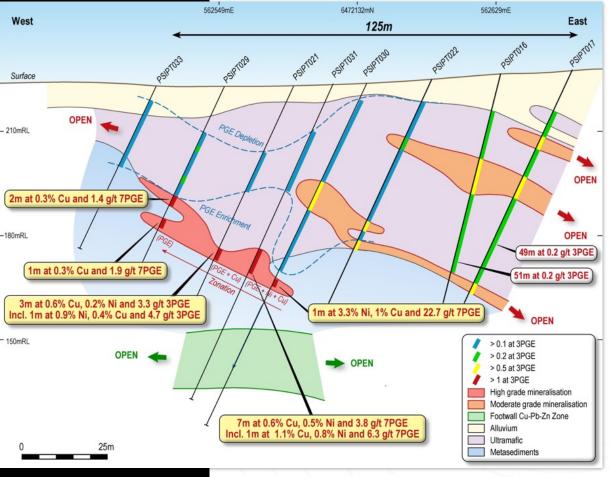


New EM Conductor discovered



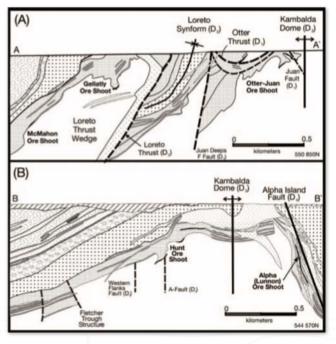
IPT Ratio discovers a Cu-Ni-PGE Kambalda-style Channel at Plat Central<sup>3</sup>

First coherent zone of mineralization in 40 years of exploration



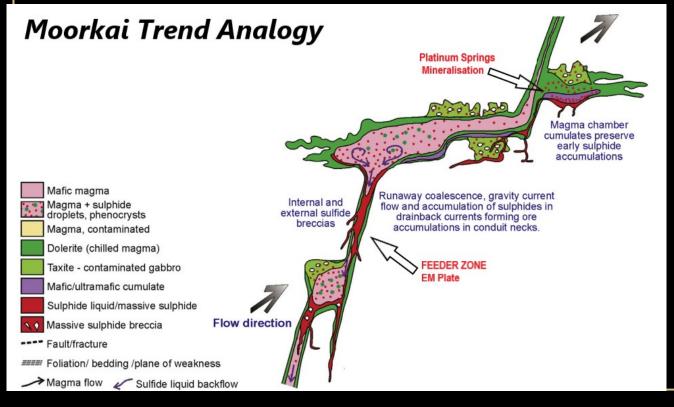
#### **Kambalda Channels**

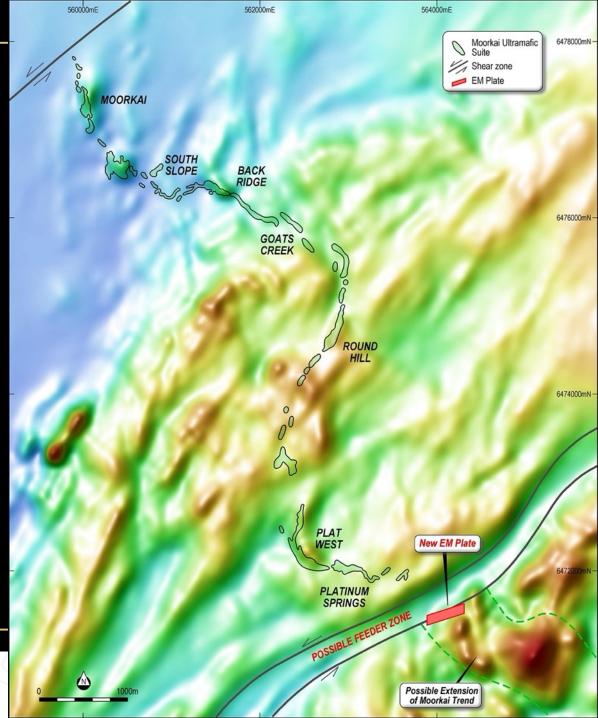
1-7 m thick, 20–100m wide, >1,000 metres long

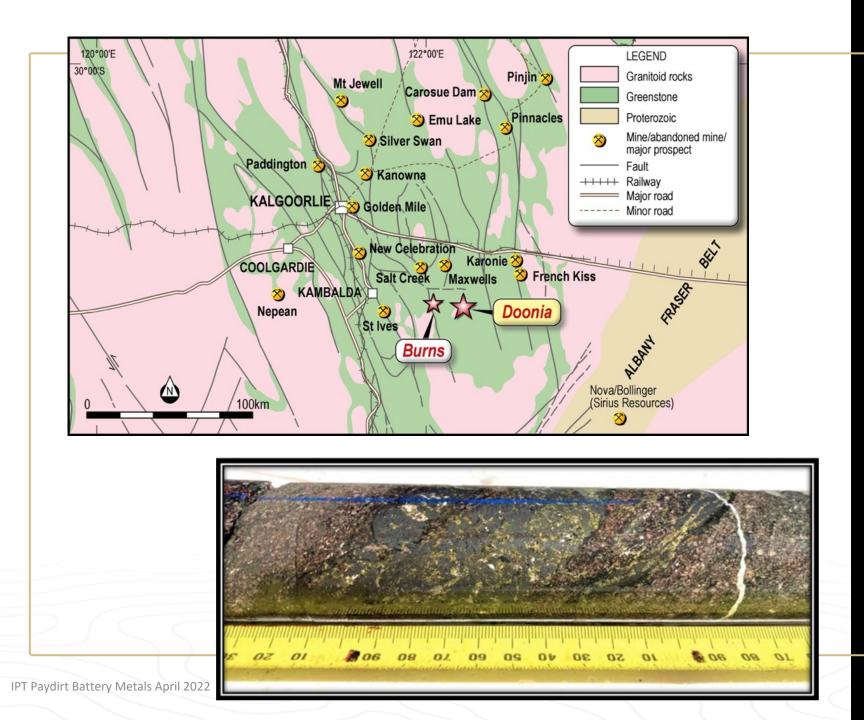




# New EM Conductor: possible feeder zone to the Moorkai Trend?<sup>4</sup>

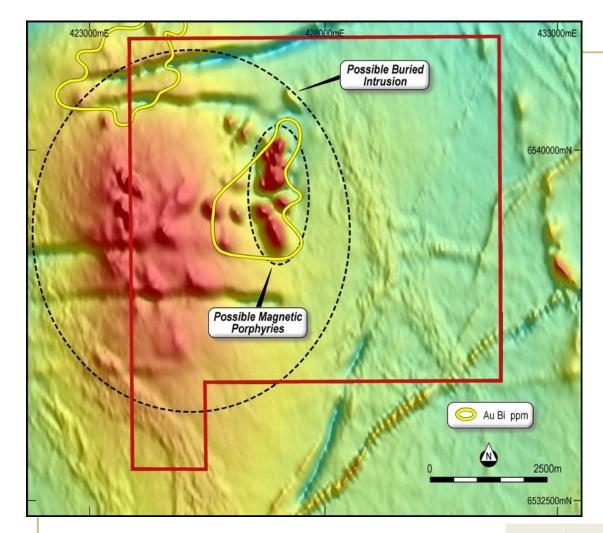






Doonia<sup>6</sup> Yilgarn Craton, WA

New mineralisation style Cu-Au-Mt



Similar geochemistry and magnetic signal: buried intrusion with porphyry plugs.

Abiogenic gas intersected: investigations in progress

Doonia<sup>6</sup> Yilgarn Craton, WA



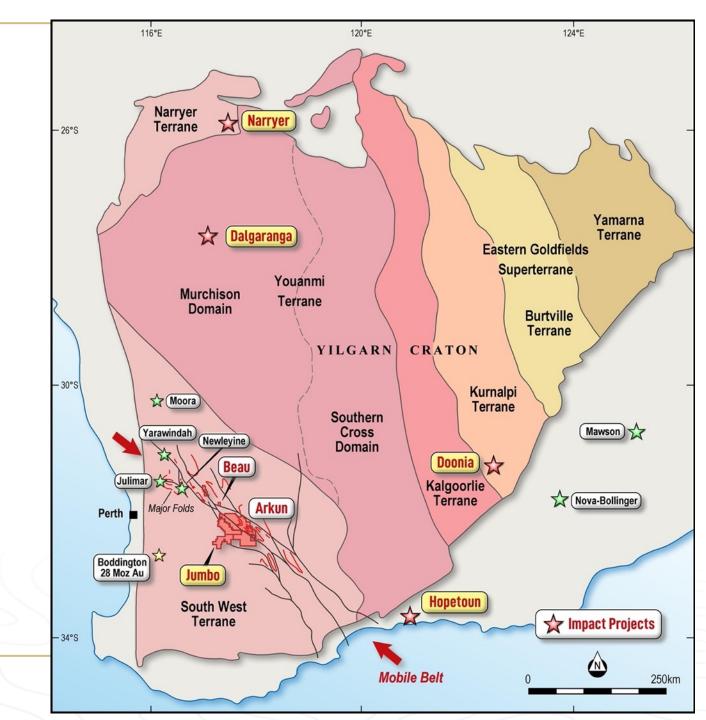


# Building a battery metals fortress in WA<sup>7</sup>

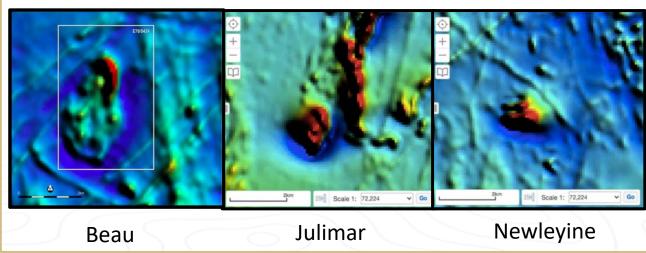
Arkun-Beau 100% Four JVs 80%

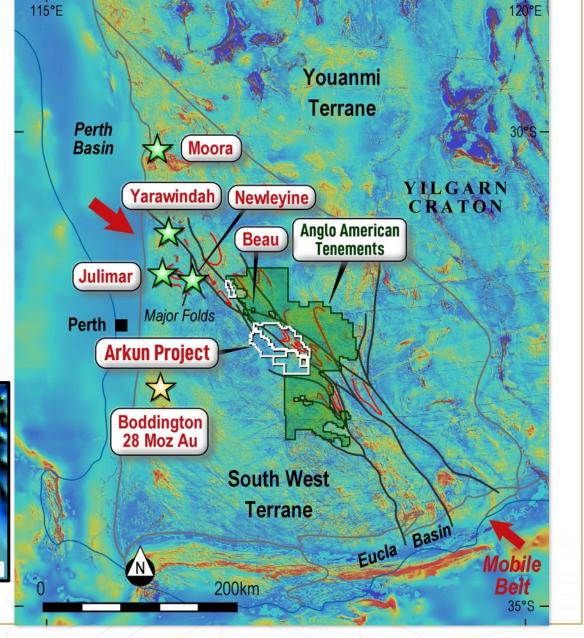
Two acquisitions and a further JV in store!

Driven by new technology



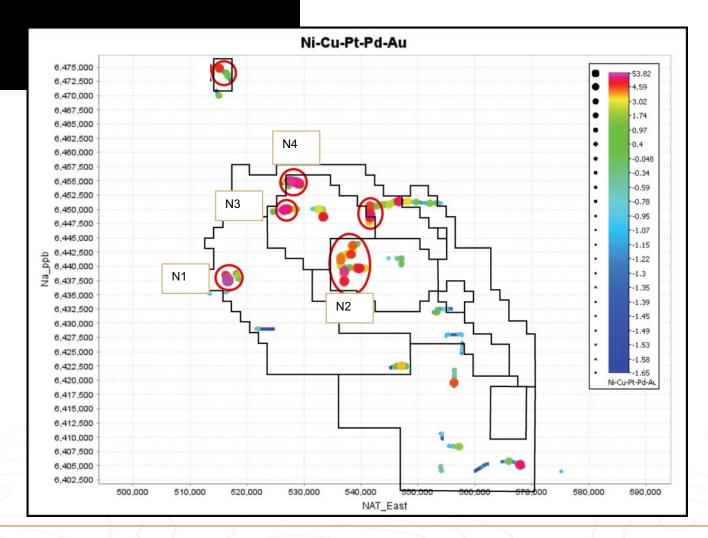
## Arkun Project<sup>8</sup> Emerging Ni-Cu PGM mineral province of SW Western Australia

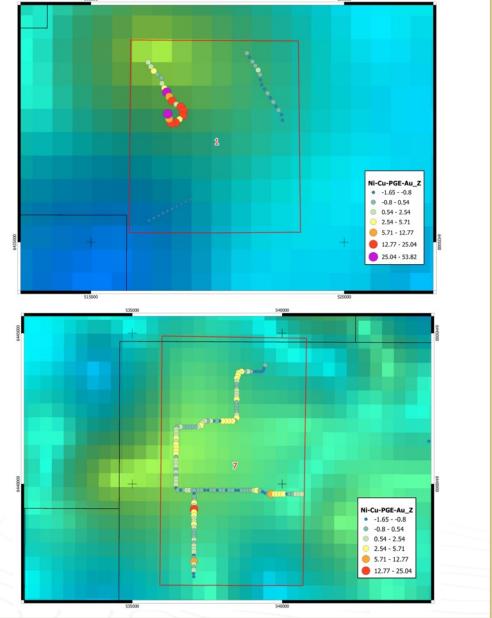






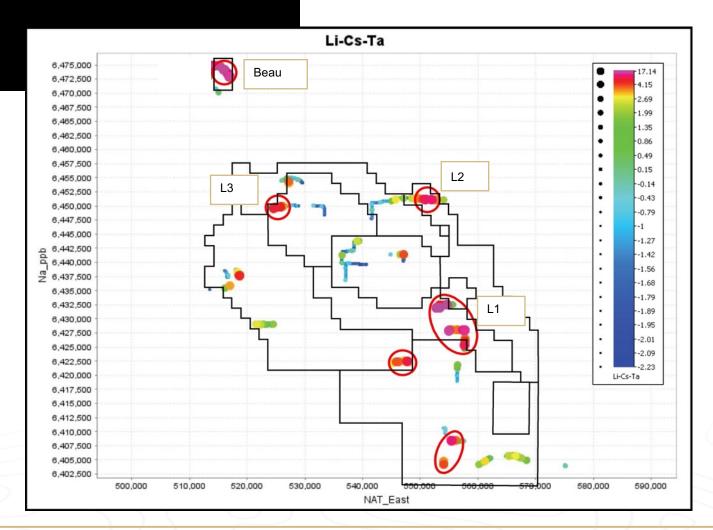
### Arkun Project<sup>9</sup> Ni-Cu-PGM

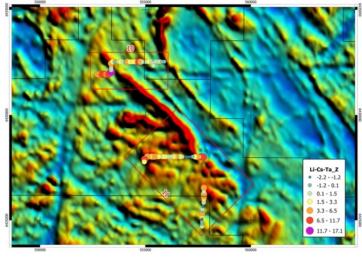


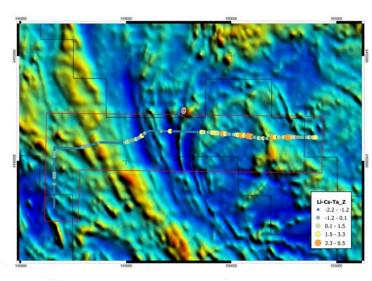




# Arkun Project<sup>9</sup> LCT Pegmatites



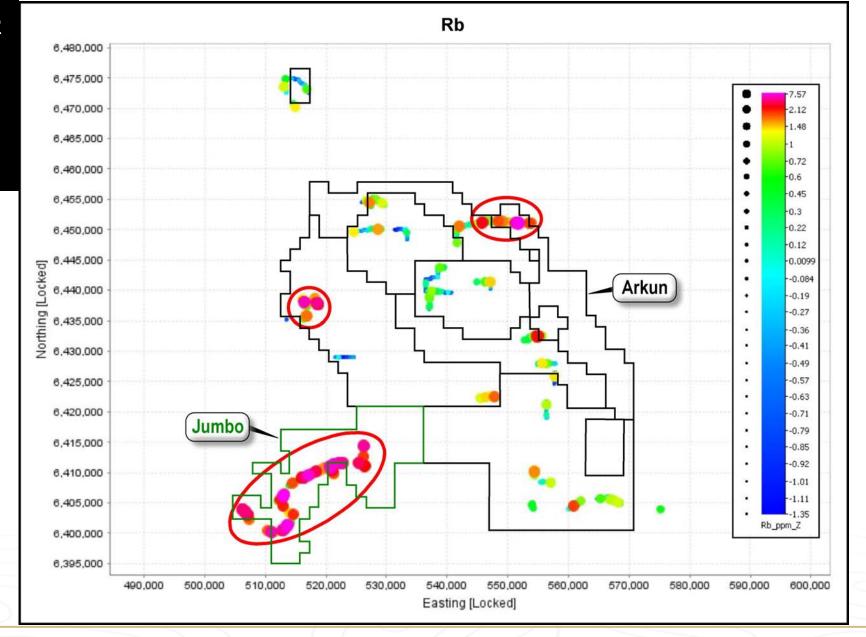






# Jumbo JV Project<sup>12</sup> All of the above!

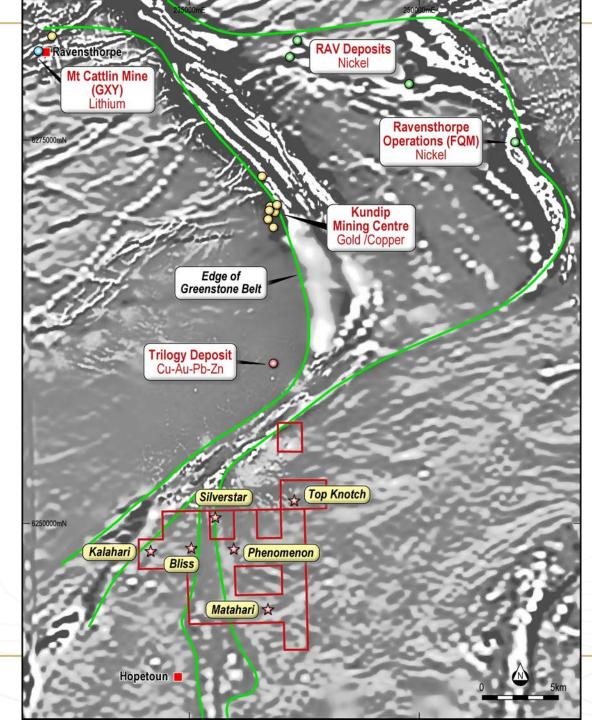
- Land Access Agreements underway.
- Soil geochemistry survey to start April.
- Airborne EM mid year
- Drilling late 2022-23





### Hopetoun: Ravensthorpe Extended

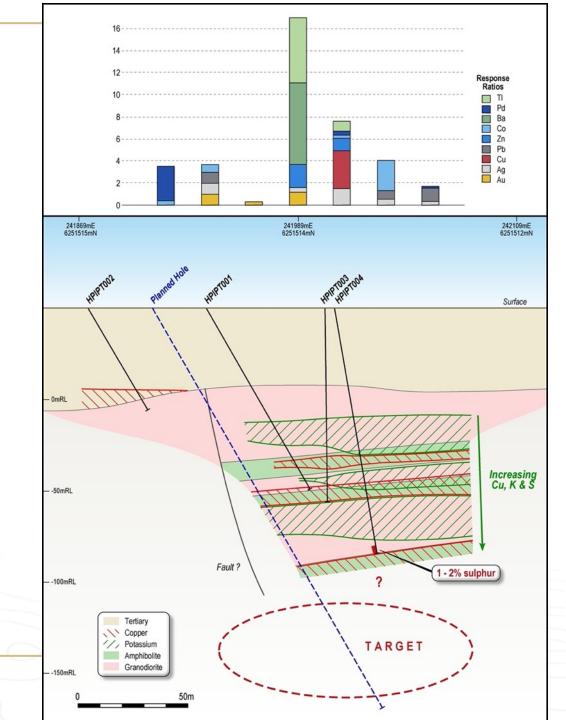
- Extension of the Ravensthorpe Greenstone Belt
- Testing the geophysics!





# Hopetoun: Top Knotch Copper-Gold<sup>10</sup>

- Mafic layers with elevated copper
- Increasing potassium alteration down hole
- Extensive fine grained pyrite in bottom six metres
- Diamond drilling in progress.



# Next Steps and Strong News Flow



**Drilling in 2022** 

Doonia (IPT 100%)

- Drill results awaited
- Follow up drilling mid-2022

Hopetoun (IPT: 80%)

Diamond drilling in progress



Soil geochemistry and geophysical surveys

**Arkun, WA** (IPT: 100%)

Follow up ground work in progress

#### **Other Projects**

- Jumbo, Narryer Dalgaranga
- Other acquisitions and JV
- First pass soil results being interpreted



#### Portfolio Rationalisation

- Broken Hill JV IGO
- Commonwealth for sale
- Clermont: 1M shares in A8G
- Orange Minerals Ltd \$180K cash and \$54k shares.
- Sale of Blackridge?



# JORC Compliance

The information in this presentation relating to Exploration Results has been extracted from the following reports:

<b>ASX Release Date</b>	Title of ASX Release
1. 9 November 2021	IGO to farm-in to the Broken Hill Ni-Cu-PGM Project
2. 23 February 2016	Very high grade PGM nickel-copper in massive sulphide at Platinum Springs
3. 2 December 2020	High grade Ni-Cu-PGE at Plat Central, Broken Hill
4. 3 March 2022	Large EM Conductor identified at Platinum Springs
5. 22 December 2020	Rockwell Prospect drilling results
6. 17 November 2020	New gold project in the Eastern Goldfields: Doonia, WA
7. 8 December 2021	Impact significantly expands its WA Projects
8. 10 June 2020	Expansion of the Arkun Ni-Cu-PGE Project east of Perth
9. 21 September 2021	Outstanding Soil Geochemistry Results at Arkun
10. 27 October 2021	REE and Rb Soil geochemistry Results at Arkun
11. 21 December 2021	Company update: Drill programmes
12. 8 <sup>th</sup> March 2022	Outstanding soil geochemistry results at Jumbo



### Disclaimer



#### **What You Should Know**

**Find out more** – This presentation is being used as a presenter's aid with summarised information. See Impact's other periodic and continuous disclosure announcements lodged with the Australian Securities Exchange, which are available at <a href="www.asx.com.au">www.asx.com.au</a> or <a href="www.impactminerals.com.au">www.impactminerals.com.au</a>, for more information.

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**Exploration Results:** The review of exploration activities and results contained in this report is based on information compiled by Dr Mike Jones, a Member of the Australian Institute of Geoscientists. He is a director of the company and works for 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). Mike Jones 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 ASX Releases referenced below on on the Impact Minerals website at <a href="www.impactminerals.com.au">www.impactminerals.com.au</a>. The Company confirms that it is not aware of any new information or data that materially affects the information included in the most recent market announcement for each project, and in the case of Mineral Resources and Ore Reserves, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. The Company confirms that the form and context un which the Competent Person's findings are presented have not materially changed from the original market announcement.

**Competent Person Statement and JORC Compliance** 

