

Discovery Driven Value Creation

Exploring for gold in one of
the world's most prolific
mineral provinces

Corey Nolan, Managing Director

RIU Explorers Conference
February 2024, Fremantle

ASX:PGM



Discovery driven value creation

High-potential, exploration projects in a premier gold jurisdiction, providing an opportunity for significant share price upside leverage to **discovery success**

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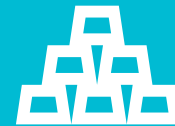
Location, location

Premier mining jurisdiction in WA with Tier One discovery opportunities



Exploration strategy

Sophisticated exploration and drilling capability.
Well funded



Gold focused

Gold price trading at near record highs in US\$ and A\$ terms



Technical capability

Experience in project appraisal, exploration, acquisitions and feasibility studies

Seven gold projects located in Western Australia

- Two drilling programs are being planned at Xanadu Deeps and Beete
- Mt Narryer funded through Chalice JV
- Well-funded: \$9.1m cash, no debt
- Potential additional milestone receipts from scandium sale - \$11 million[#]

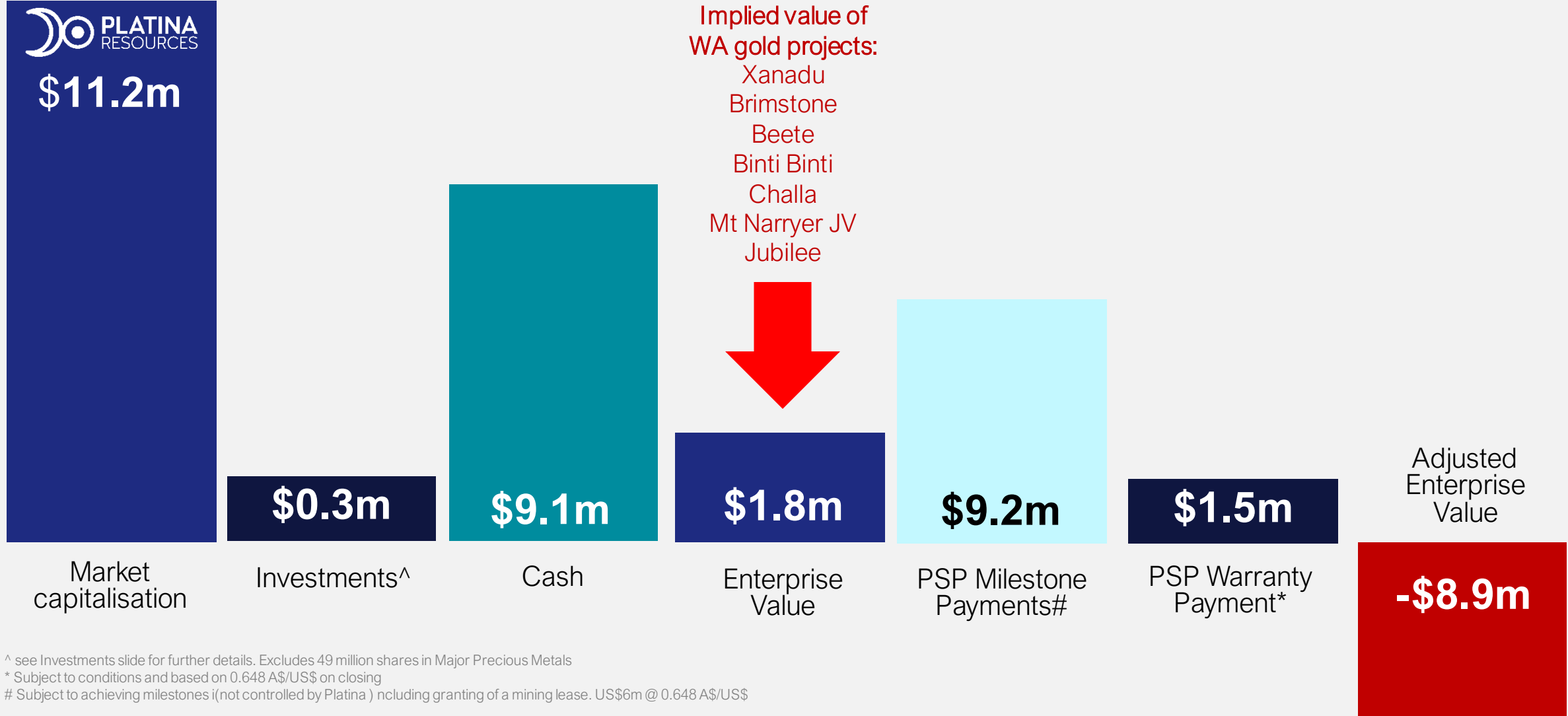
Total tenement package

1,487km²

[#] Completion subject to Rio Tinto achieving project milestones – see ASX release, 28 April 2023, Platina sell scandium project for up to US\$14 million. US\$6m @ 0.6376 A\$/US\$



Low value attributed to gold portfolio following scandium sale

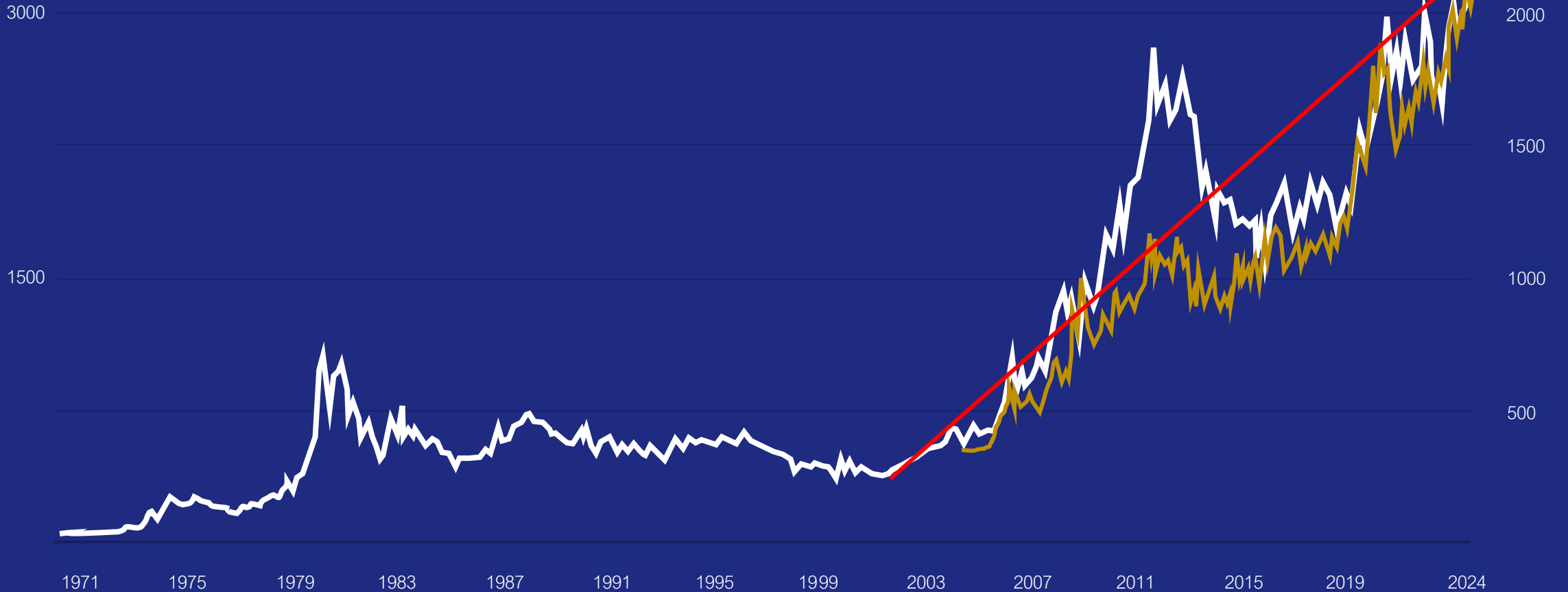


Strong gold price momentum ahead of drilling programs

Gold price

AUD/oz
as at 2 February 2024
Source: goldbroker.com

USD/oz
as at 22 February 2024
Source: gold.org



Priority Projects



PROJECT

Xanadu

Beete

Brimstone

LOCATION

29km south of Parabardoo
Ashburton Basin

42km south of Norseman
Norseman Greenstone Belt, Yilgarn Craton

40km north-east of Kalgoorlie
Eastern Goldfields, Yilgarn Craton

TARGET COMMODITIES

Gold

Gold, Nickel and Lithium

Gold

NEARBY PROJECTS

Mt Olympus Deposit

Norseman Gold Project
Scotia Mining Centre

Penny's Find Deposit,
Kanowna Belle Mine

DRILLING STATUS

1Q24 RC/DD Xanadu West

1Q24 AC Drilling

Planning for next steps underway

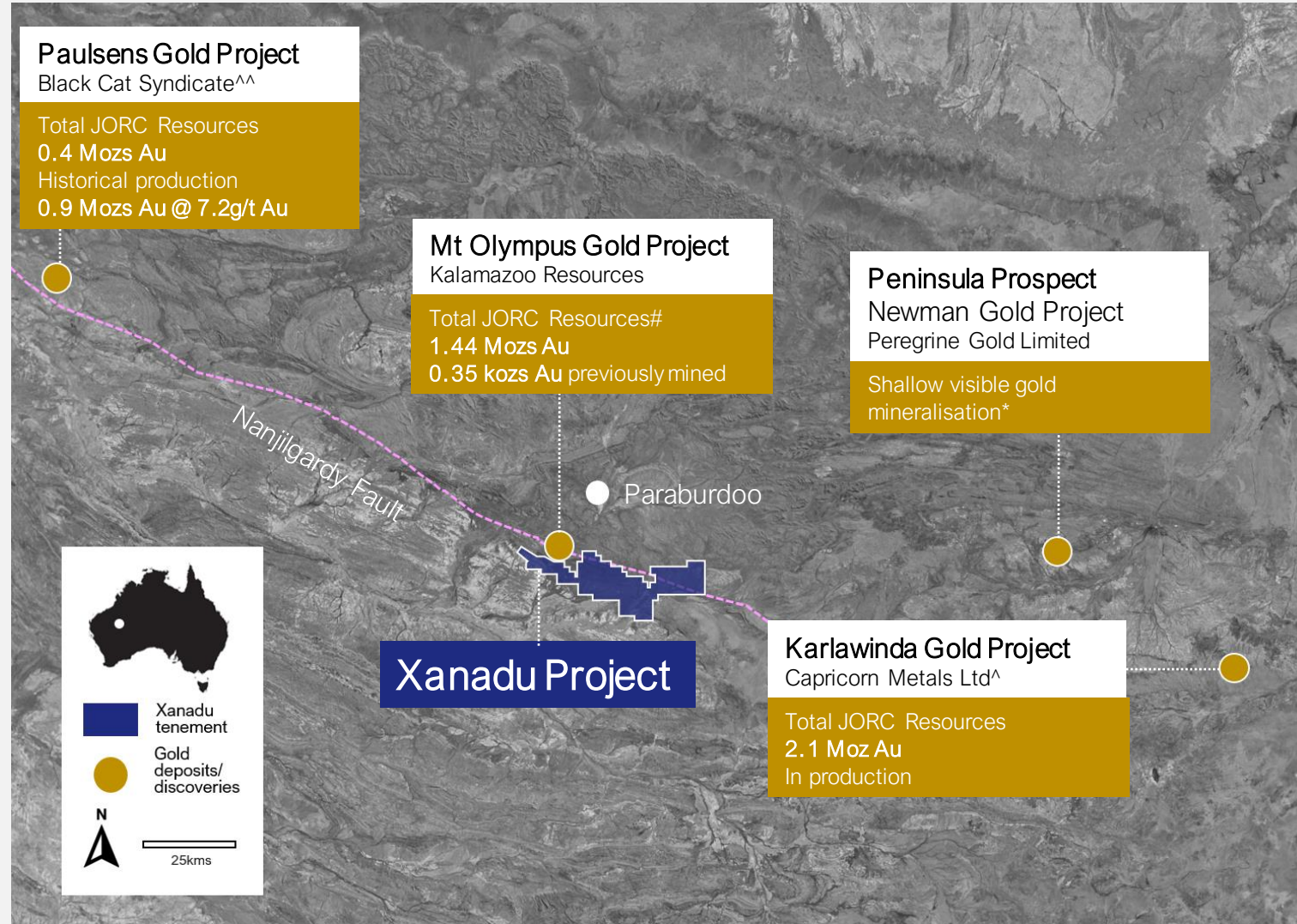
Xanadu Project

Regional scale geological setting adjacent to million-ounce resource

- Located on the 470km Nanjilgardy fault zone and its splays
- Number of multi-million gold discoveries on the trend – adjacent to 1.44Moz Mt Olympus deposit
- De Grey Mining (DEG) have an option to acquire Mt Olympus for \$30 million*
- Flanks Pilbara Craton - hot spot exploration destination following Hemi (De Grey Mining) discovery

Tenement package

554km²



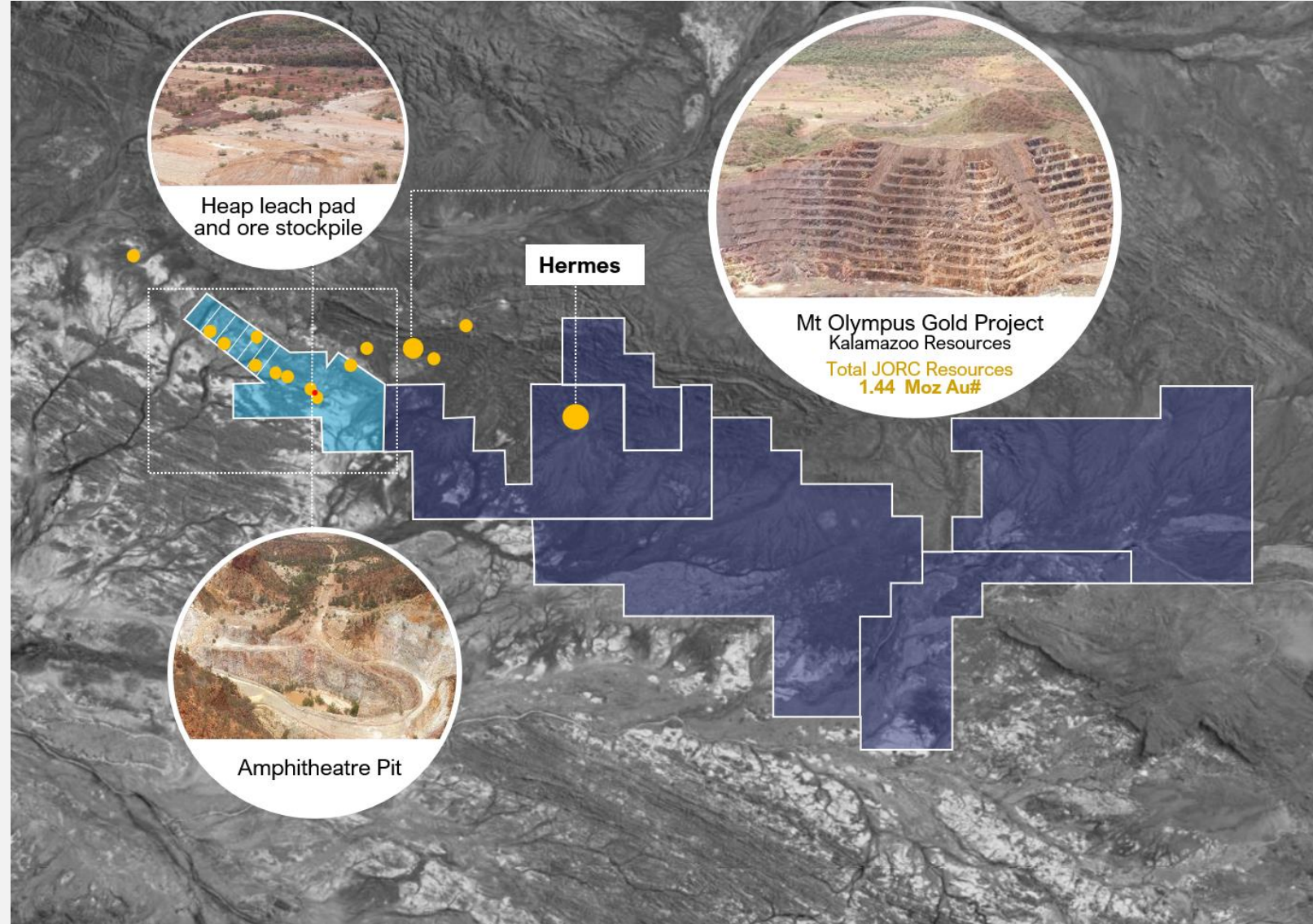
#^^ To see breakdown of Measured, Indicated & Inferred Resources please see disclaimer in this presentation

* See ASX release, KZR Grants De Grey Option to Acquire Ashburton Project, 6 Feb 2024

Xanadu Project

Systematic exploration program to test full potential required

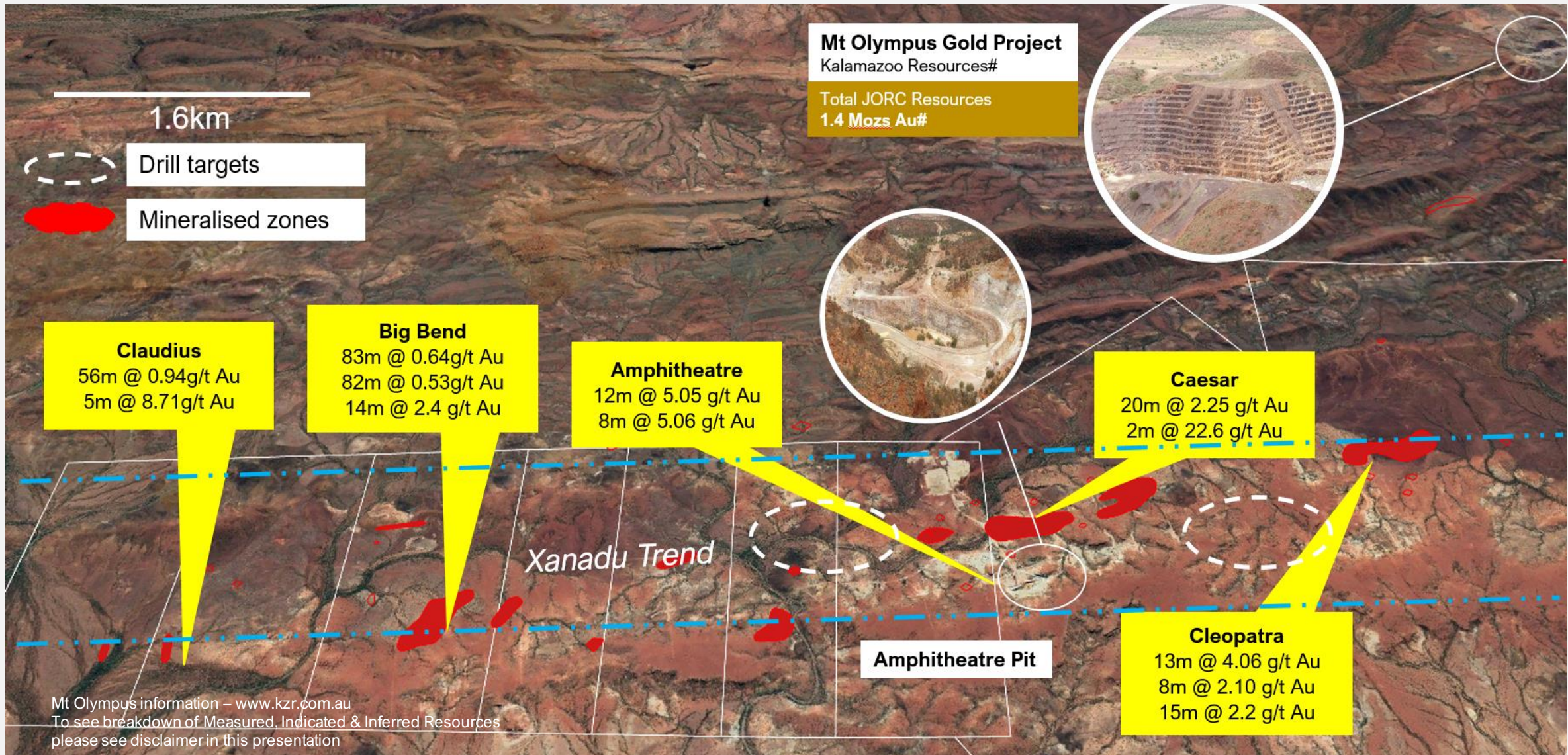
- Historical focus on shallow oxide mineralisation for heap leach operation
- Large number of economic grade and width drill intersections
- Widespread gold mineralisation with a large and intense hydrothermal alteration zone – over 10km long
- Hermes – maiden drill testing completed



Mt Olympus information – www.kzr.com.au
To see breakdown of Measured, Indicated & Inferred Resources please see disclaimer in this presentation

Xanadu West & Deeps Prospect

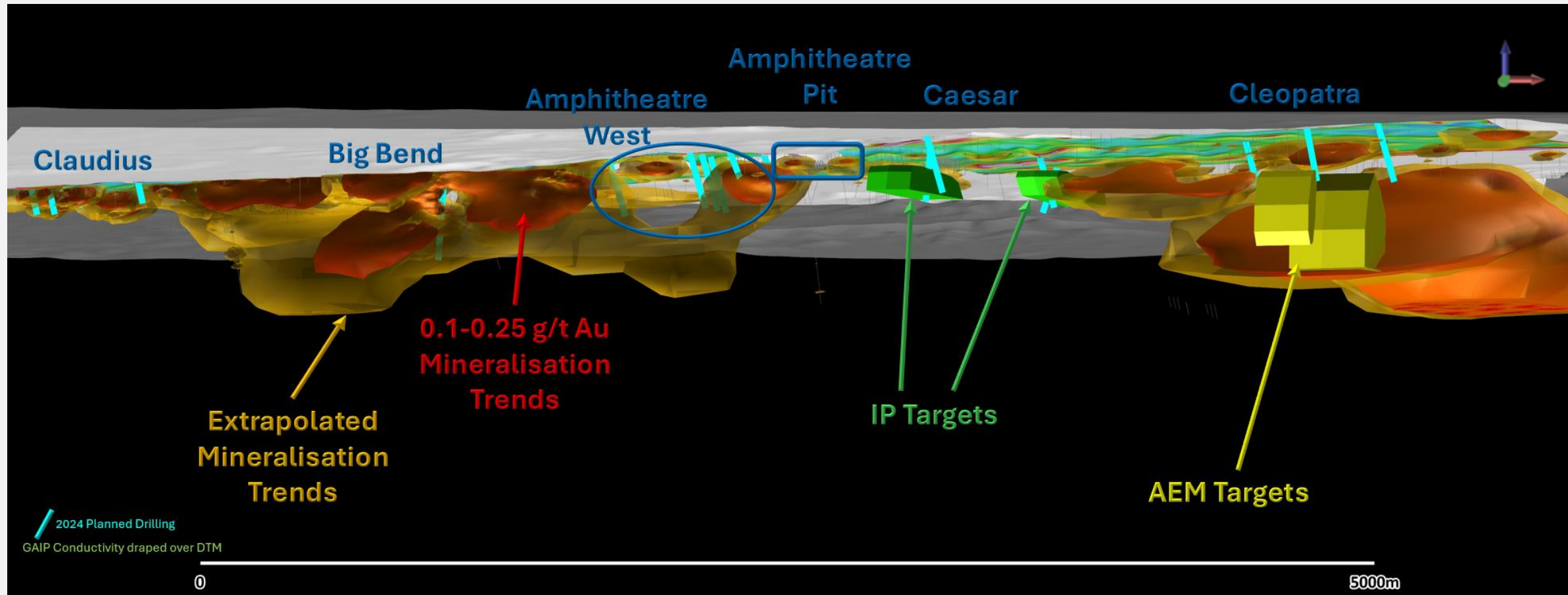
Historical drilling highlights project potential



Xanadu Project

Drilling priority targets and developing exploration models

- RC & Diamond drilling to test deeper structural targets at Xanadu West 1Q2024
- Complete full appraisal and identify follow up targets at Hermes
- Explore balance of over 45km strike along major fault zone and splays



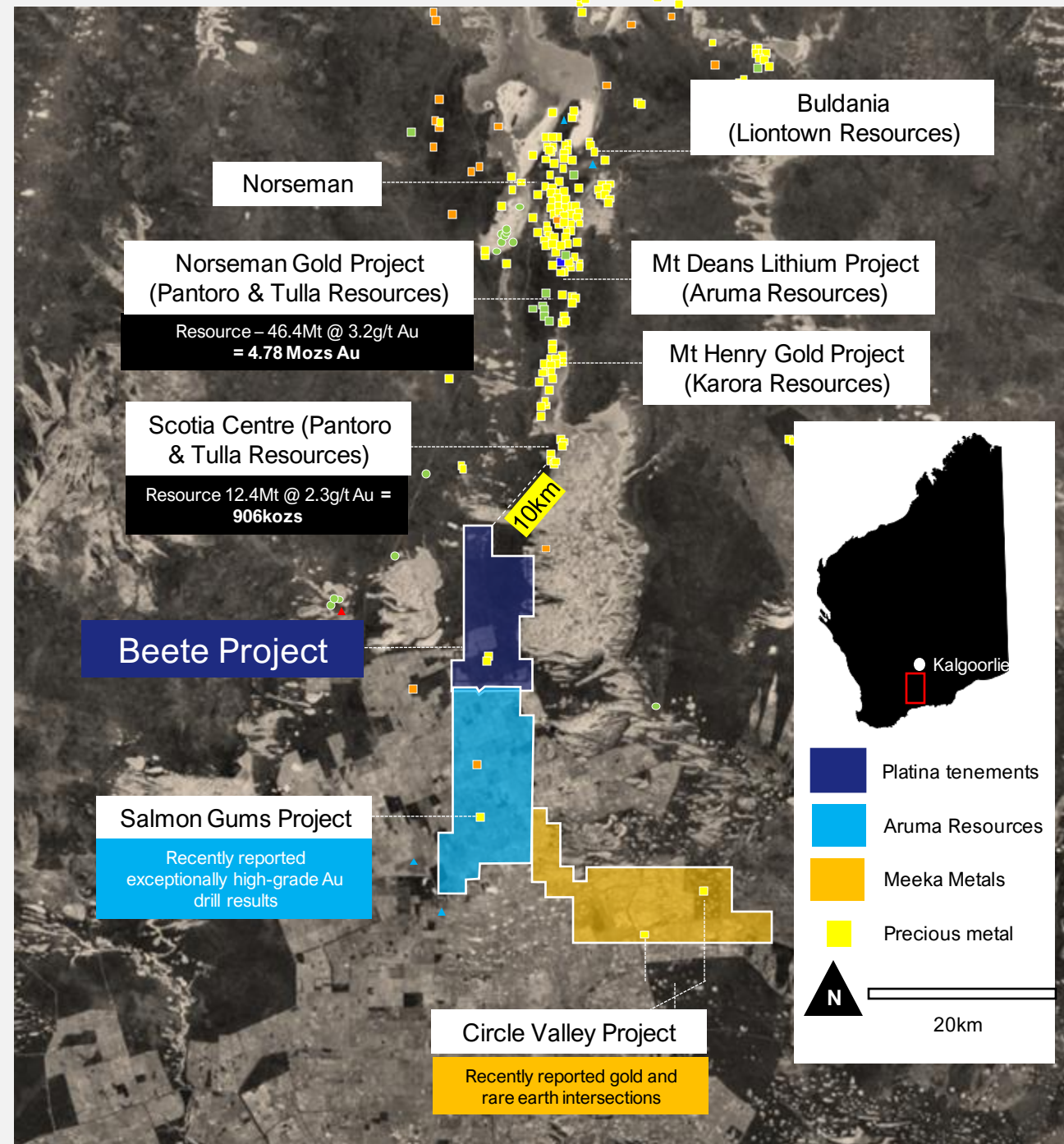
Beete Project

Gold, lithium and nickel potential

Located 10km south of 1Moz Scotia Mining centre and north of the Salmon Gums discovery

- Possible extension of Norseman Greenstone Belt - +5Moz historical gold production
- 10km from 1Moz Scotia Mining Centre
- Historical mining district with a number of high-grade gold mines
- Additional prospectivity for nickel and lithium in the district

Tenement package
134km²



Beete Project

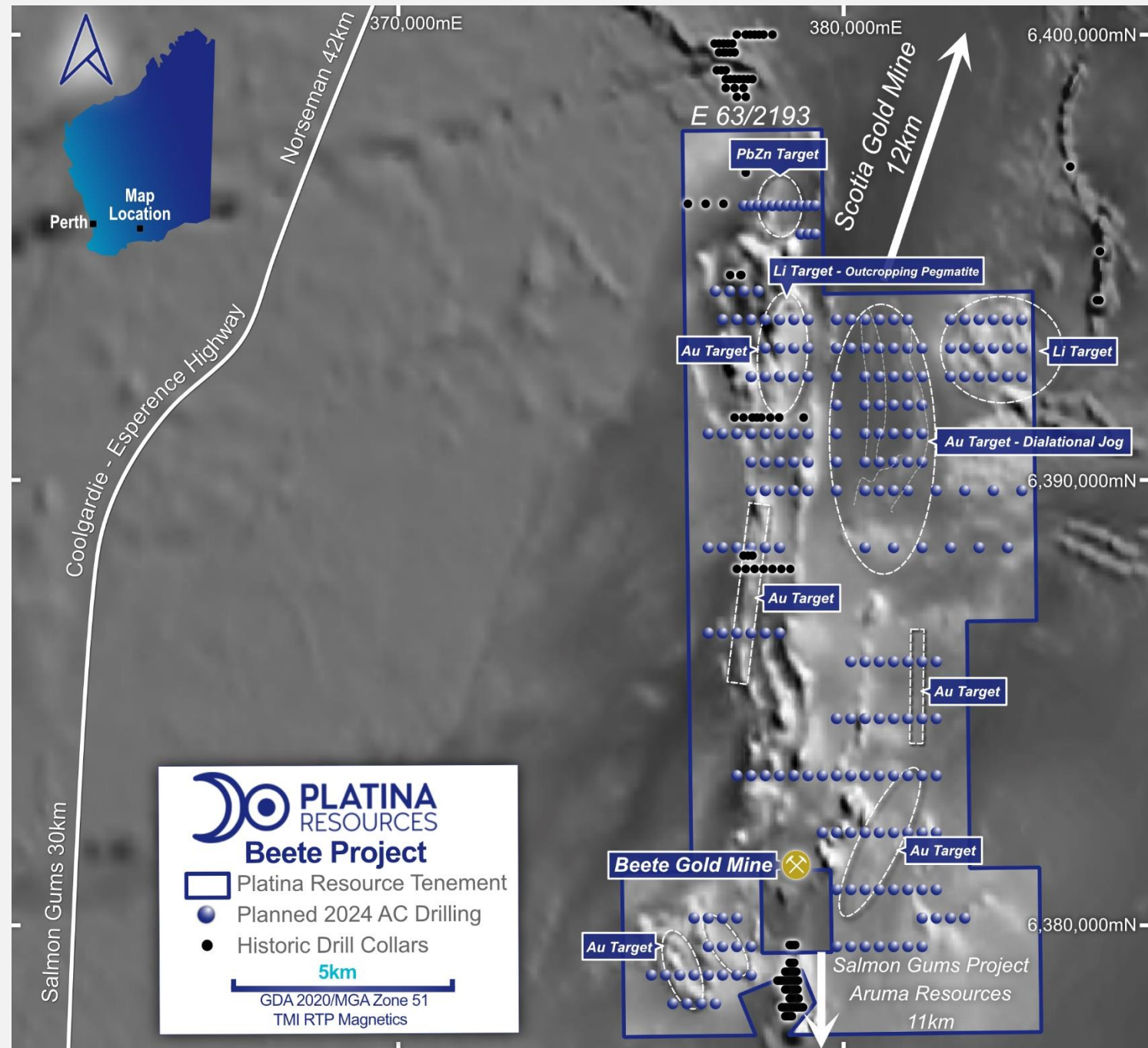
Gold, lithium and nickel potential

Maiden aircore drilling program planned north of Beete gold mine

- Cultural heritage and fauna / flora surveys to be finalised in the next month
- Tenement wide AC drilling program planned – 1Q 2024
- RC drilling planned around the extension of the Beete Mine following mine structures – 2Q 2024

Tenement package

134km²



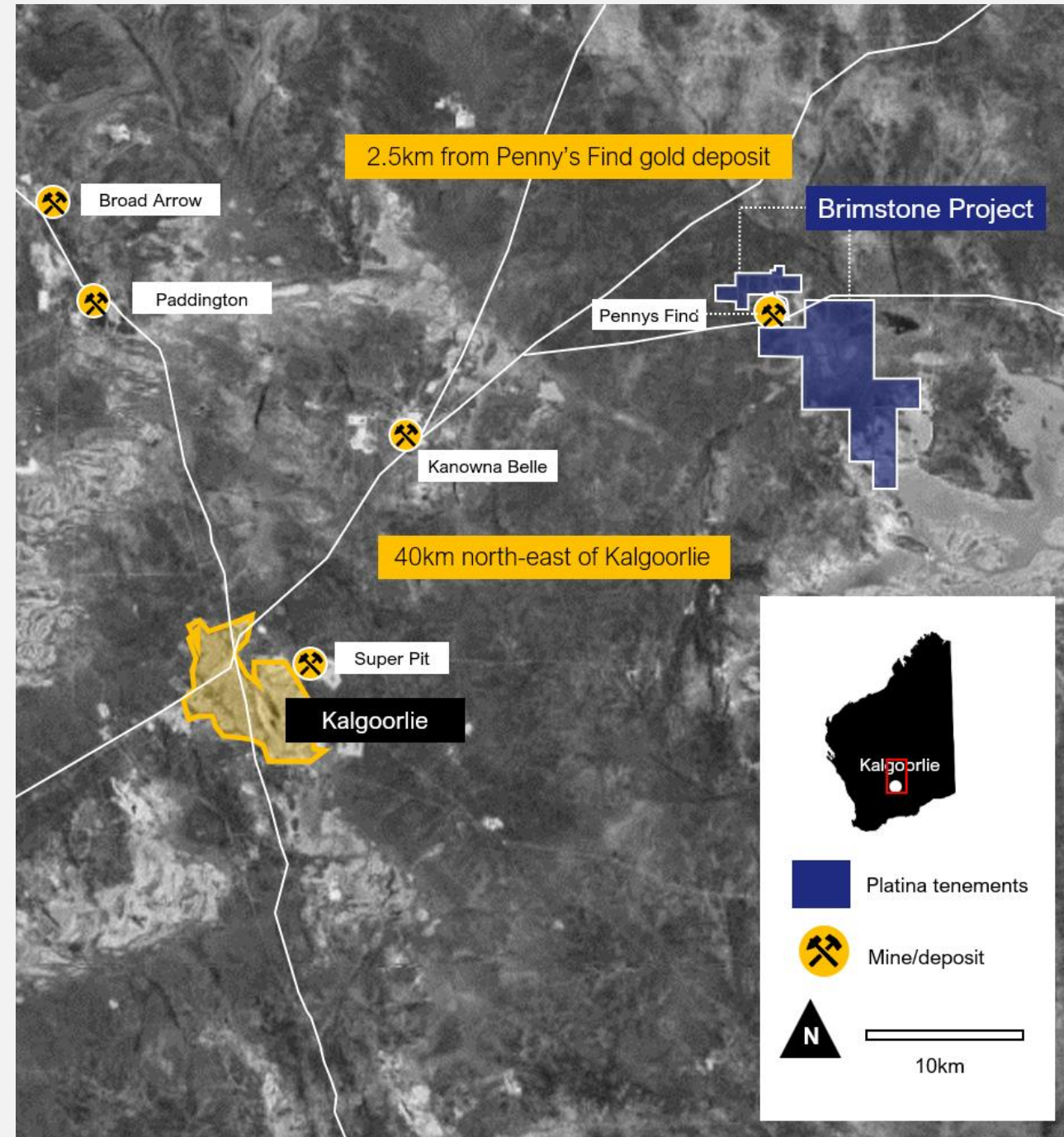
Brimstone Project

Located near Kalgoorlie in close proximity to the high-grade, Penny's Find deposit

- Significant number of broad widths and high-grade gold mineralisation in historical drilling
- Interpreted geological structures cover ~10km of strike length of mineralisation on highly prospective greenstone rocks
- ~\$5m of historical expenditure, most drill holes < 50m depth and 93% of holes drilled < 100m depth

Tenement package

69km²

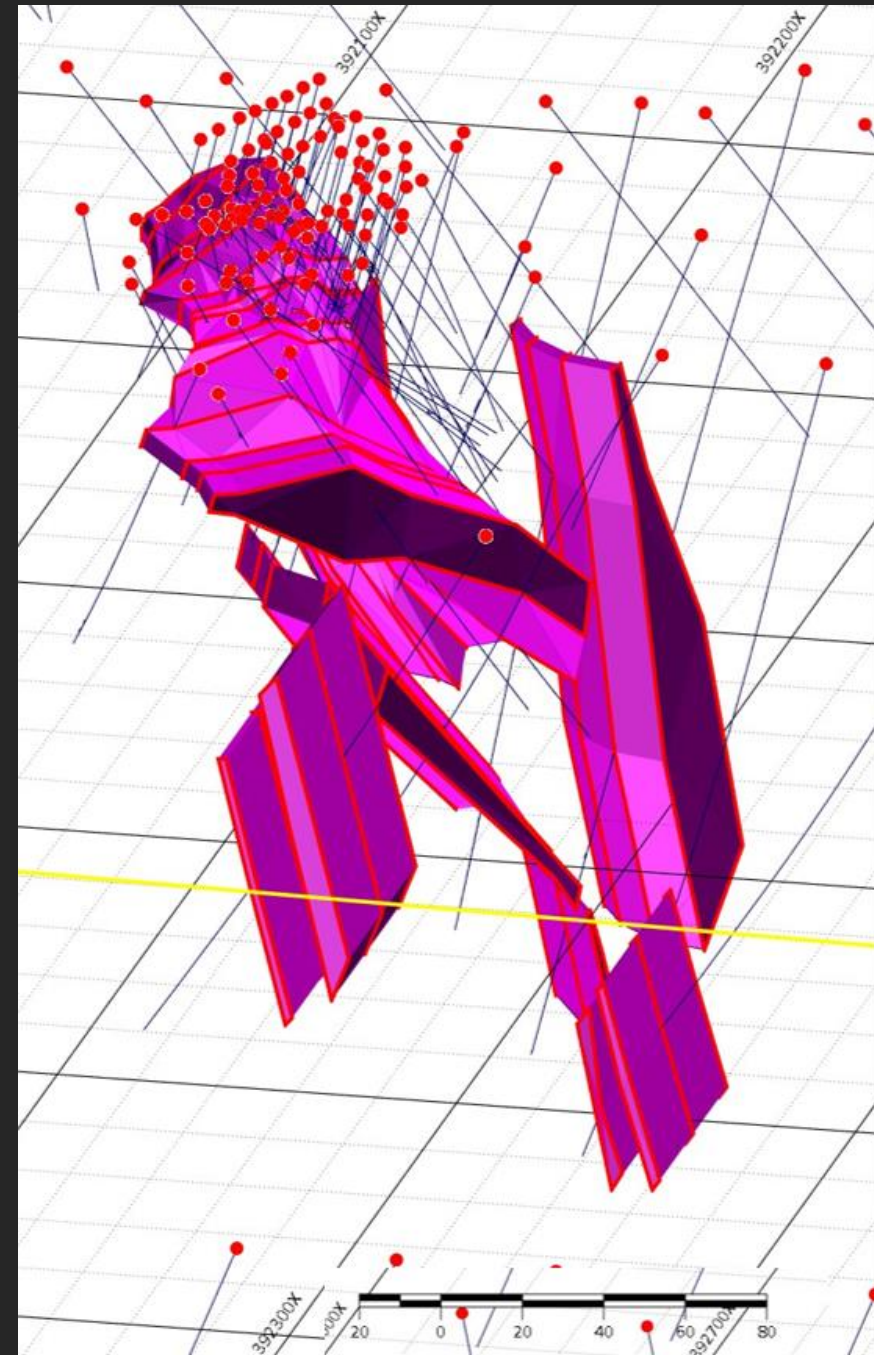
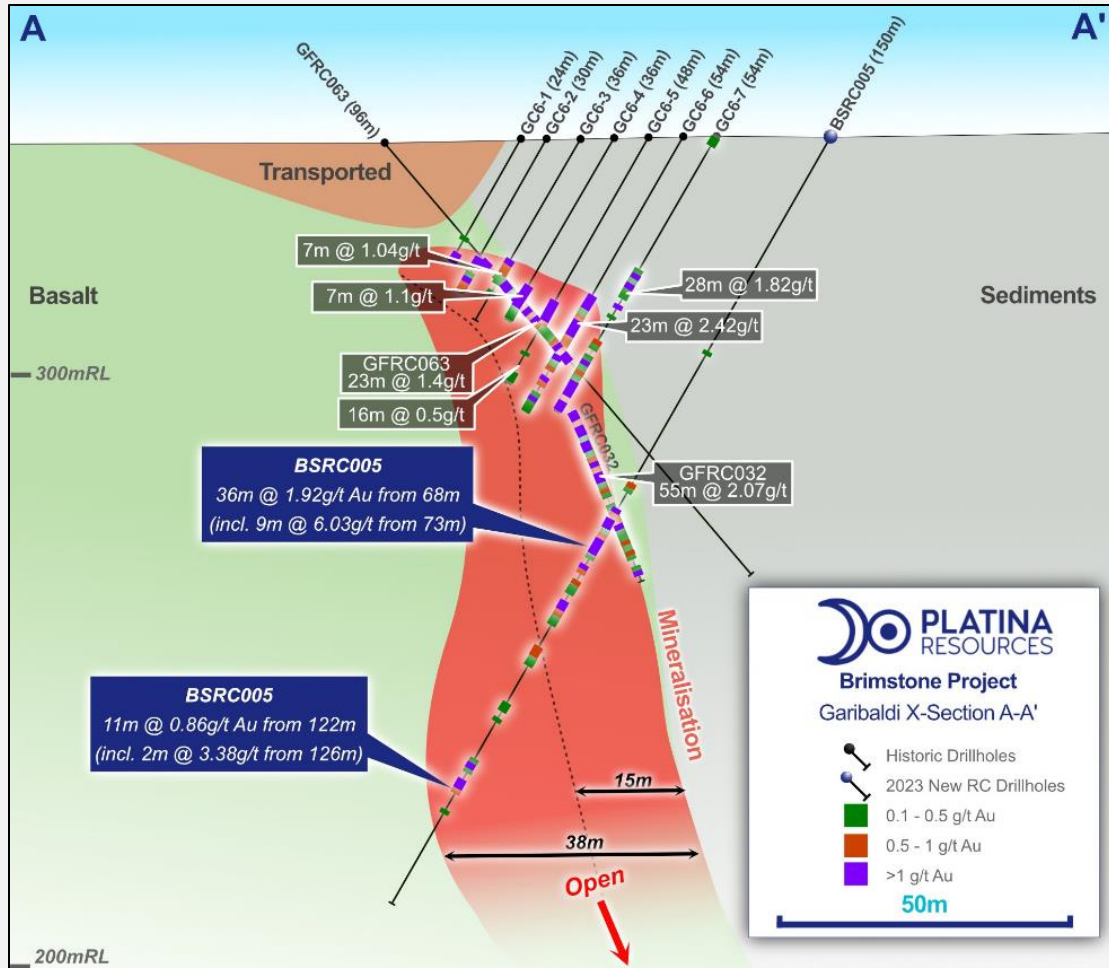


Brimstone Project

Garibaldi prospect

High-grade and thick intersections

Cross section showing BSRC005 drill hole from Garibaldi along with the interpreted geology and mineralisation envelope. Section Limits +/-5m. New 2023 assays in blue and historical in grey are significant RC intersections (minimum of 0.1g/t Au cut-off with maximum consecutive length of 4m internal dilution and >1gram x m)



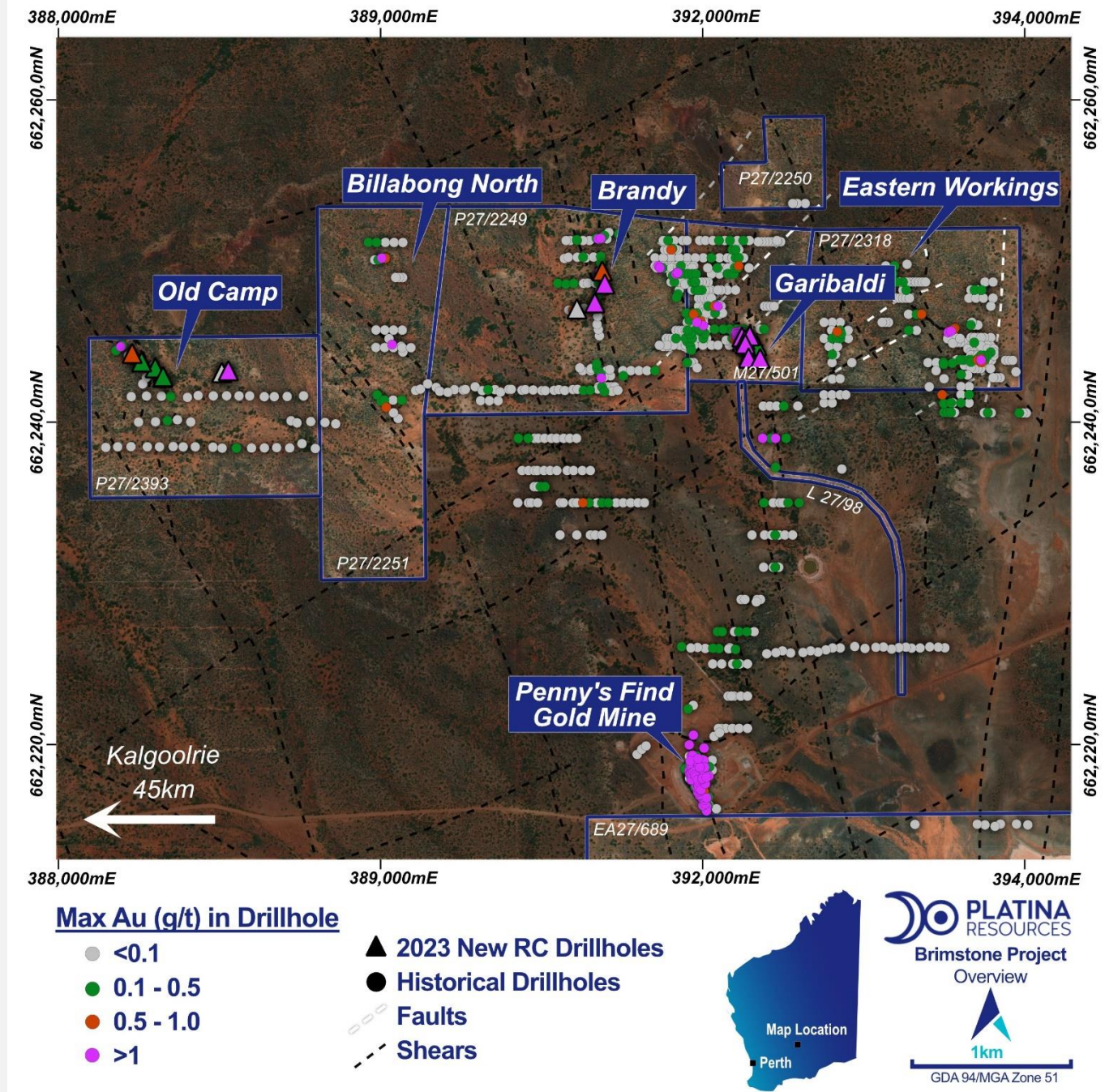
Garibaldi mineralised envelope looking north-west

Brimstone Project

Exploration upside and strategy

Two priority targets defined from recent drilling – Garibaldi & Brandy

- Planning underway to assess drilling options for expanding the potential size of Garibaldi and Brandy
- Southern targets below Penny's Find gold mine require cultural heritage clearance prior to drilling



Executive team

Corey Nolan
Managing Director



Rohan Deshpande
Exploration Manager



Board of Directors

Highly experienced in mining project developments



Corey Nolan
Managing Director

27 years experience focused on the acquisition, funding, exploration and development of resource projects

Previously CEO at Sayona Mining Ltd where he acquired the Authier lithium project in Canada

Non-Executive Director of Elementos Ltd



Brian Moller
Non-Executive Chairman

Brian is a partner at the legal firm HopgoodGanim where he has worked for over 30 years and leads the firm's Corporate Advisory and Governance practice

Brian is a Non-Executive Chairman of New Peak Metals Limited, Mineral Commodities Ltd, Clara Resources Pty Ltd, Tempest Minerals Limited and Non-Executive Director of DGR Global Ltd, Tolu Minerals Ltd.



Chris Hartley
Non-Executive Director

Process metallurgist with 30 years worldwide experience in the development of critical minerals and base metal projects including, Global Practice Leader – Processing at BHP Billiton based in London

In a subsequent role, was Technical Director Strategic Materials for five years at Bloom Energy

Non-Executive Director of Godolphin Resources Ltd



John Anderson
Non-Executive Director

25 years experience in the resources sector in Australia and Asia Pacific including 12 years as a senior executive at Santos Limited

Non-Executive Chairman of ASX-listed, Tolu Minerals Ltd, the owner of the Tolukuma gold mine in PNG.

Corporate snapshot

Share price

A\$0.017c

As at 12 Feb 2024
52 week high \$0.038, low \$0.017

Shares on issue

623.1m

Options on issue

43.5m

Market capitalisation

A\$11.2m

Cash

A\$9.1m

As at 31 Dec 2023

Tradeable Investments*

A\$0.27m

As at 31 Dec 2023

Investments*

Alien Metals (AIM: UFO)

A\$0.18m

44.5 million shares

Developing iron ore, silver, and platinum projects in WA

Nelson Resources (ASX: NES)

A\$0.05m

11.2 million shares

Controls 1,600km² of gold exploration ground in Western Australia

Major Precious Metals de-listed from NEO on 7 October 2022 and valuation is based on last traded price of 4c. Major is expected to re-list on a new exchange. PGM has written asset down to nil in its accounts

Major Precious Metals

A\$1.8m

49 million shares, unlisted

Developing a large gold and platinum group metal project in Greenland

Blue Moon Zinc (TSXV: MOON)

A\$0.04m

0.6 million shares

Developing a zinc deposit rich in gold and silver in the USA

Share price catalysts

01

Xanadu drilling

02

Beete drilling

03

Scandium sale
milestone payments

04

Brimstone drill
planning

05

Mt Narryer JV
exploration success

Disclaimer.

CAUTIONARY AND FORWARD-LOOKING STATEMENTS

This presentation contains “forward-looking information” which may include, but is not limited to, statements with respect to the future financial or operating performance of Platina Resources Limited (“Platina”), its subsidiaries and its projects, the future price of platinum group metals (“PGM’s”), the estimation of mineral resources, operating and exploration expenditures, costs and timing of development of new deposits, costs and timing of future exploration, requirements for additional capital, government regulation, environmental risks, reclamation expenses, title disputes or claims and limitations of insurance coverage. Often, but not always, forward-looking statements can be identified by the use of words such as “plans”, “expects”, “is expected”, “budget”, “scheduled”, “estimates”, “forecasts”, “intends”, “anticipates”, or “believes” or variations (including negative variations) of such words and phrases, or state that certain actions, events or results “may”, “could”, “would”, “might” or “will” be taken, occur or be achieved. Forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of Platina and/or its subsidiaries to be materially different from any future results, performance or achievements expressed or implied by the forward looking statements. Such factors include, among others, general business, economic, competitive, political and social uncertainties; the actual results of current exploration activities; conclusions of economic evaluations; changes in project parameters as plans continue to be refined; future prices of PGM’s; possible variations of ore grade or recovery rates; failure of plant, equipment or processes to operate as anticipated; accident, labour disputes and other risks of the mining industry; and delays in obtaining governmental approvals or financing or in the completion of development or construction activities. Although Platina has attempted to identify important factors that could cause actual actions, events or results to differ materially from those described in forward-looking statements, there may be other factors that could cause actions, events or results to differ from those anticipated, estimated or intended. Forward-looking statements contained herein are made as of the date of this presentation and Platina disclaims any obligation to update any forward-looking statements, whether as a result of new information, future events or results or otherwise. There can be no assurance that forward-looking statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Platina undertakes no obligation to update forward-looking statements if circumstances or management’s estimates or opinions should change. Accordingly, the reader is cautioned not to place undue reliance on forward-looking statements.

REFERENCES TO PREVIOUS ASX RELEASES

The information in this presentation that relates to Exploration Results, Mineral Resources and Ore Reserves were last reported by the Company in compliance with the 2012 Edition of the JORC Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves in market releases dated as follows:

- Platina acquires gold project in prolific gold province, 11 June 2020
- Platina expanding presence in WA Goldfields, 23 July 2020
- Platina builds gold presence in Western Australia, 4th April 2021
- Platina geophysics identifies strong drill targets at Xanadu Gold Project in Western Australia, 22 February 2022
- Platina to build gold presence in Western Australia, 3 August 2022
- Pivotal Acquisition Builds WA gold footprint, 10 August 2022
- Platina Projects Update, 10 October 2022
- New gold exploration target identified at Xanadu, 21 Feb 2023
- Platina farms out Mt Narryer to Chalice Mining, 27 March 2023
- New mineralized structures in drilling at Brimstone, 1 June 2023
- New gold exploration target identified at Xanadu, 21 February 2023
- 1km gold mineralised corridor identified at Xanadu Hermes Prospect, 10 July 2023
- Drilling defines large scale mineralized system at Hermes, 8 Nov 2023
- Garibaldi mineralisation extended and new targets defined 9 Nov 2023

The Company confirms that it is not aware of any new information or data that materially affects the information included in the market announcements referred above and further confirms that all material assumptions underpinning the production targets and all material assumptions and technical parameters underpinning the Ore Reserve and Mineral Resource statements contained in those market releases continue to apply and have not materially changed.

DISCLAIMER

Statements regarding Platina Resources’ plans with respect to its mineral properties are forward-looking statements. There can be no assurance that Platina Resources’ plans for development of its mineral properties will proceed as currently expected. There can also be no assurance that Platina Resources will be able to confirm the presence of additional mineral deposits, that any mineralisation will prove to be economic or that a mine will successfully be developed on any of Platina Resources’ mineral properties or that Platina will achieve any of the valuation increases shown by the peer group companies.

This presentation was authorised by Corey Nolan, Managing Director of Platina Resources Limited.

Resources references in presentation

Project / Owner / Source	Category	kt	g/t Au	Kozs
Scotia Mining Centre	Indicated	10,734	2.2	734
Pantoro Limited	Inferred	4,736	1.5	227
www.pantoroltd.com.au	Total	15,471	2.0	999
Norseman Gold Mineral Resource	Measured	4,572	1.6	234
Pantoro Limited	Indicated	22,529	3.1	2,259
Source: PNR: Mineral Resource Statement	Inferred	19,325	3.7	2,290
	Total	46,414	3.2	4,787
Paulsens	Measured	170	10.5	56
	Indicated	827	9.6	254
Black Cat Syndicate	Inferred	348	8.6	97
Source: www.bc8.com.au	Total	1,345	9.4	407
Lindsay's Gold Project	Indicated	3,425	1.5	168.4
NuFortune Gold	Inferred	549	2.8	49.7
Source: Presentation 14 Oct 2021	Total	3,974	1.7	215.1
Karlawinda	Indicated	67,000	0.8	1,722
Capricorn Metals	Inferred	19,500	0.7	422
Source: www.capricornmetals.com.au	Total	86,700	0.8	2,145
Mt Olympus	Indicated	9,699	2.9	911
Kalamazoo	Inferred	6,491	2.5	525
www.kzr.com.au	Total	20,789	2.5	1,436
Carouse Dam	Measured	1,970	2.8	180
Northern Star	Indicated	11,681	2.9	1,085
www.nsr ltd.com.au	Inferred	9,148	2.9	860
	Total	22,799	2.9	2,125

Project / Owner / Source	Category	kt	g/t Au	Kozs
Paddy's Flat	Measured	991	4.32	138
Westgold Resources Ltd	Indicated	10,991	1.72	604
	Inferred	2,505	2.22	179
	Total	14,408	1.99	921
Yaloginda	Measured	145	3.42	16
Westgold Resources Ltd	Indicated	8,439	1.82	494
	Inferred	7,053	1.46	330
	Total	15,637	1.67	840
AndyWell	Measured	150	11.4	55
Meeka Gold Limited	Indicated	1,050	9.3	315
	Inferred	650	6.5	135
	Total	1,800	8.6	505
Turnberry	Indicated	6,800	1.6	355
Meeka Gold Limited	Inferred	4,500	1.8	255
	Total	13,100	2.6	1,115

Contact

ASX:PGM

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Corey Nolan
Managing Director

Phone +61 7 5580 9094
admin@platinaresources.com.au

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