PLATINA RESOURCES

Discovery Driven Value Creation

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

Corey Nolan
Managing Director

ASX:PGM

September 2023

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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

Vast experience in exploring projects and executing new acquisitions

Seven gold projects located in Western Australia

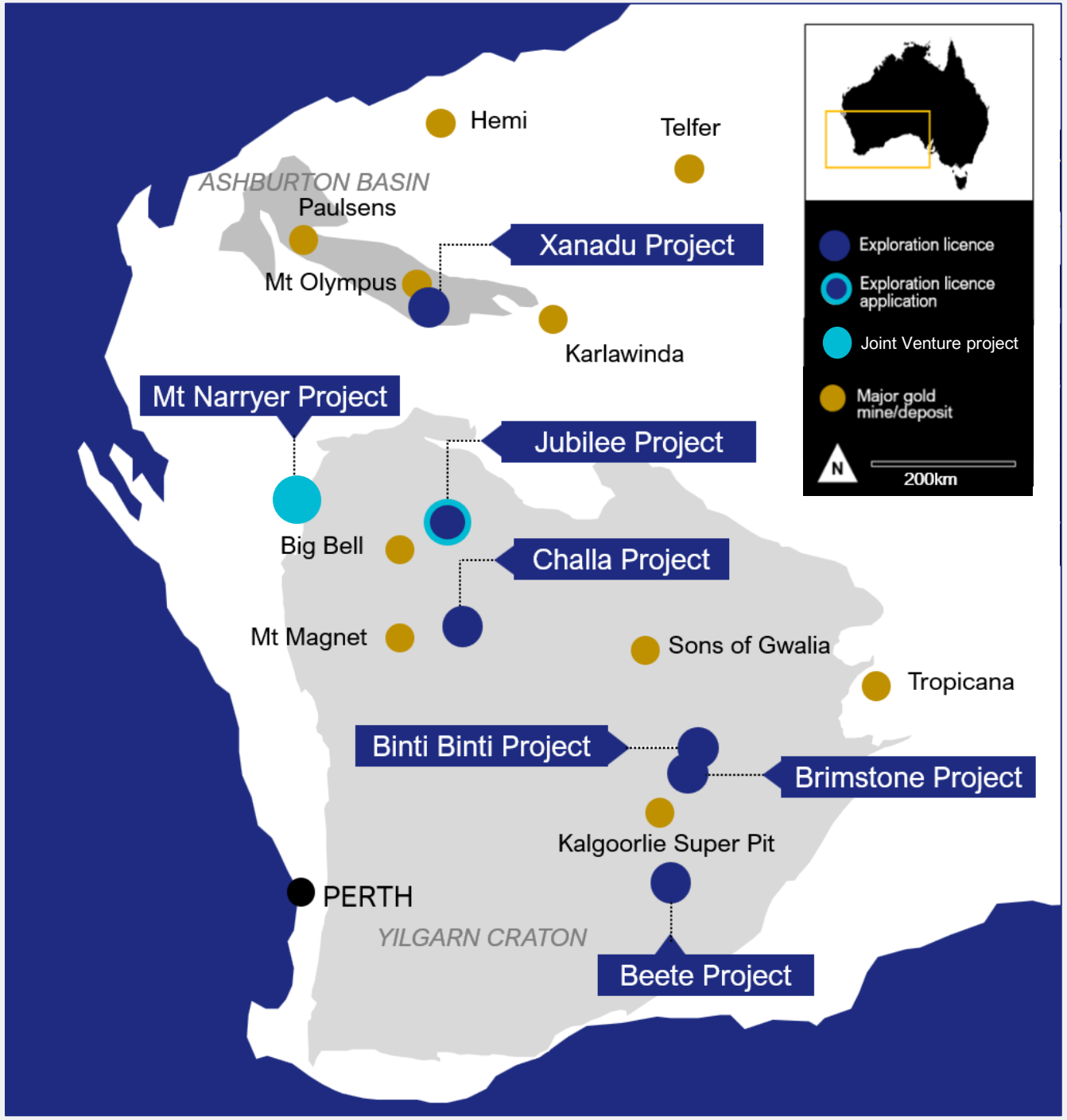
Major programs driving value creation.

- Drilling three gold projects in 2H 2023 – Xanadu, Brimstone and Beete
- Well-funded to deliver drilling programs - ~$10.5m cash
- Potential additional milestone payments 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



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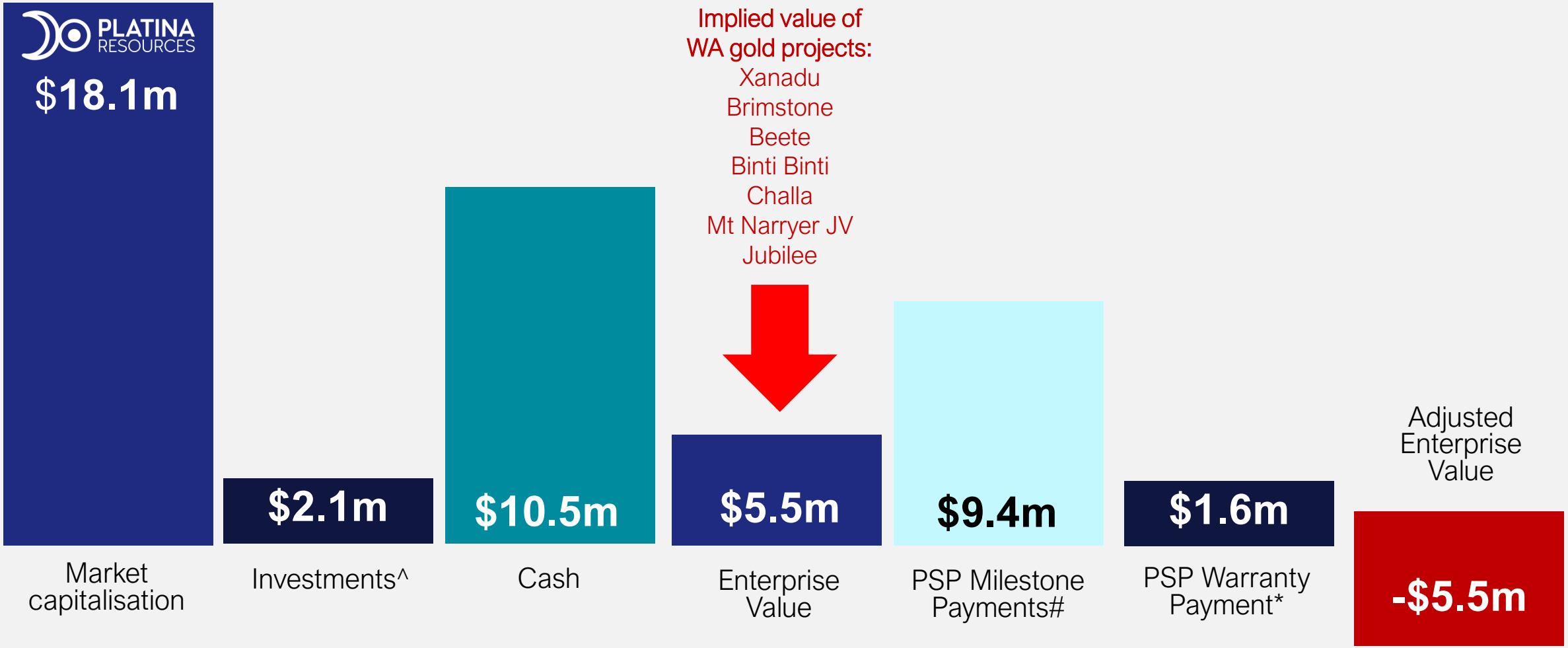
Low value attributed to gold portfolio following scandium sale



^ see Investments slide for further details
* Subject to conditions and based on 0.6376 A$/US$ on closing
# Subject to achieving milestones including granting of a mining lease. US$6m @ 0.6376 A$/US$

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Strong gold price momentum ahead of drilling programs

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Strategy to drill three gold projects in 2023

PROJECT	Brimstone	Xanadu	Beete
LOCATION	40km north-east of Kalgoorlie Eastern Goldfields, Yilgarn Craton	29km south of Parabardoo Ashburton Basin	42km south of Norseman Norseman Greenstone Belt, Yilgarn Craton
TARGET COMMODITIES	Gold	Gold	Gold, Nickel and Lithium
NEARBY PROJECTS	Penny's Find Deposit, Kanowna Belle Mine	Mt Olympus Deposit	Norseman and Scotia Mining Centre
PLANNED DRILLING	RC - 3Q23 – in progress	RC - Hermes Prospect – in progress DD - Xanadu West 4Q23	AC – 4Q23 RC - 4Q23

RC = reverse circulation, DD = diamond, AC = aircore

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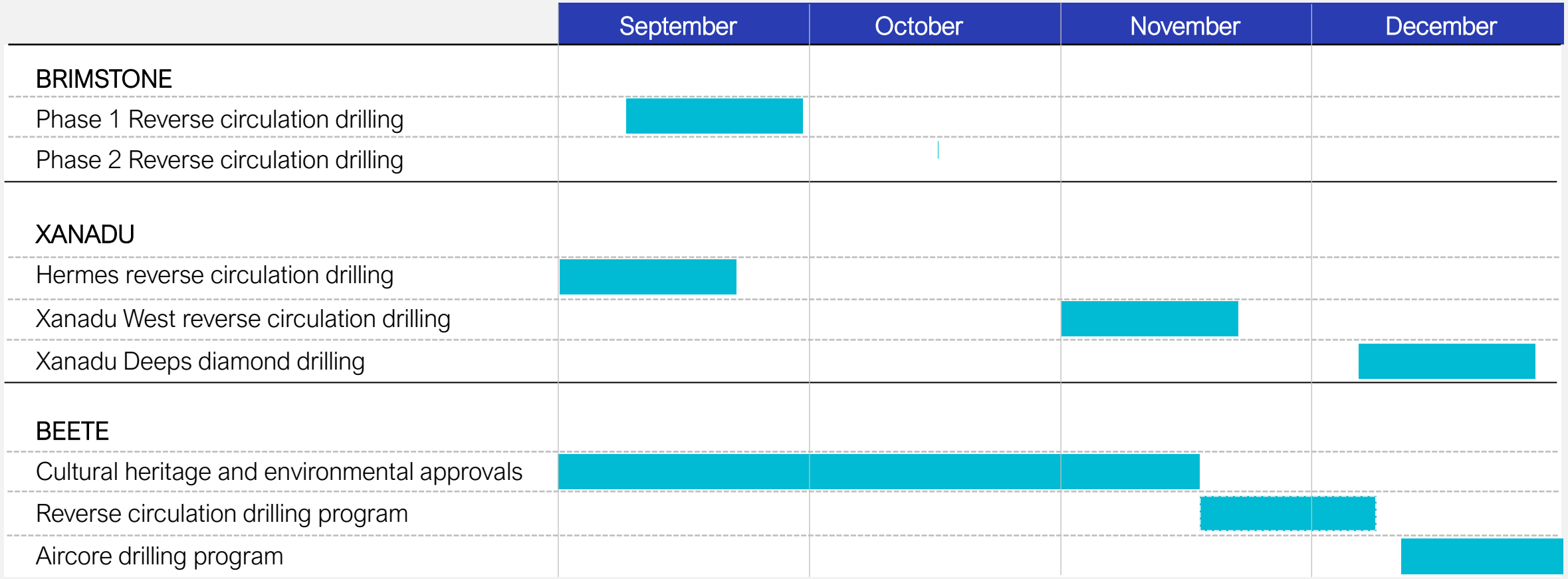
Active news flow ahead



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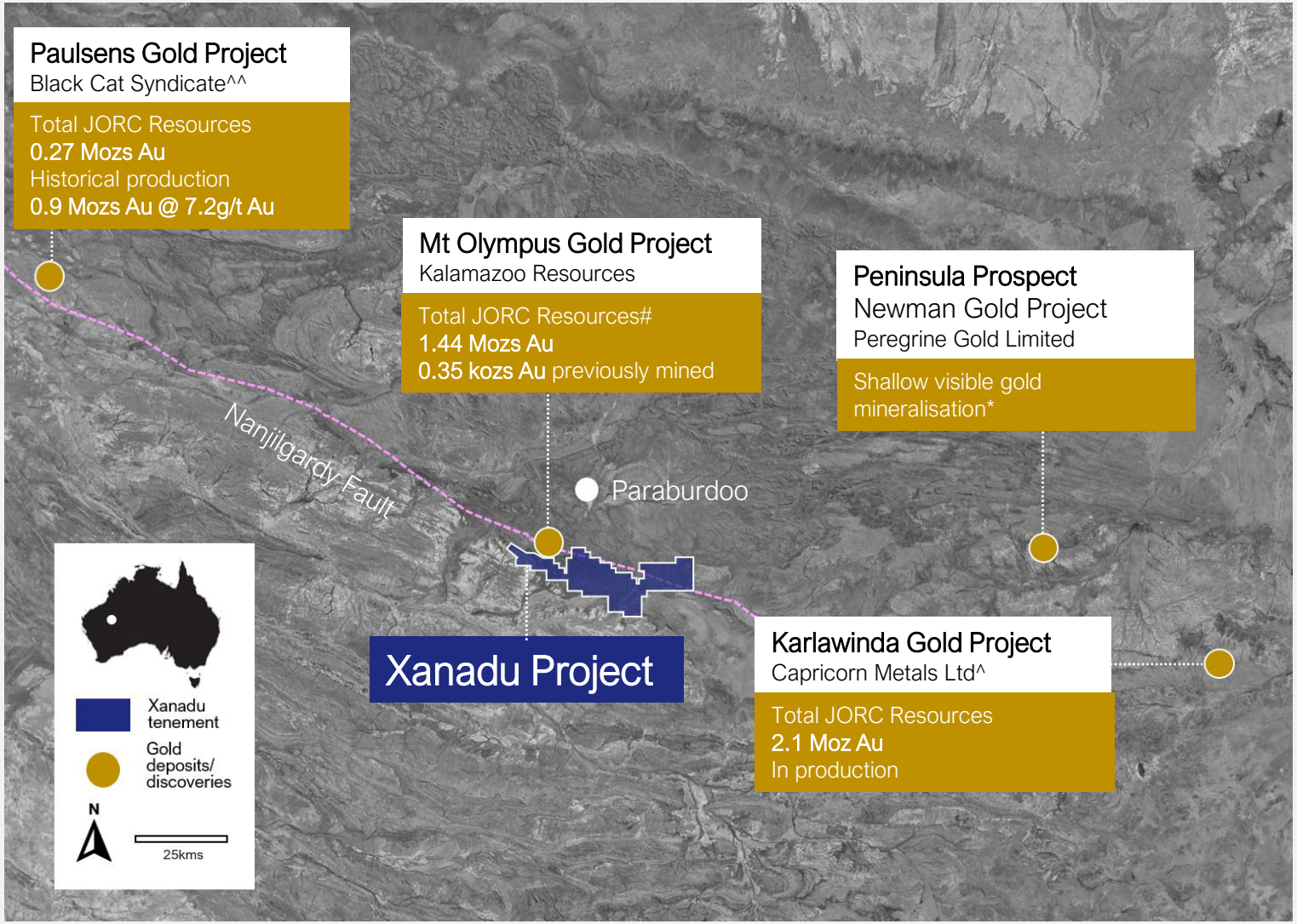
Xanadu Project

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 1.44Moz Mt Olympus deposit
- 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

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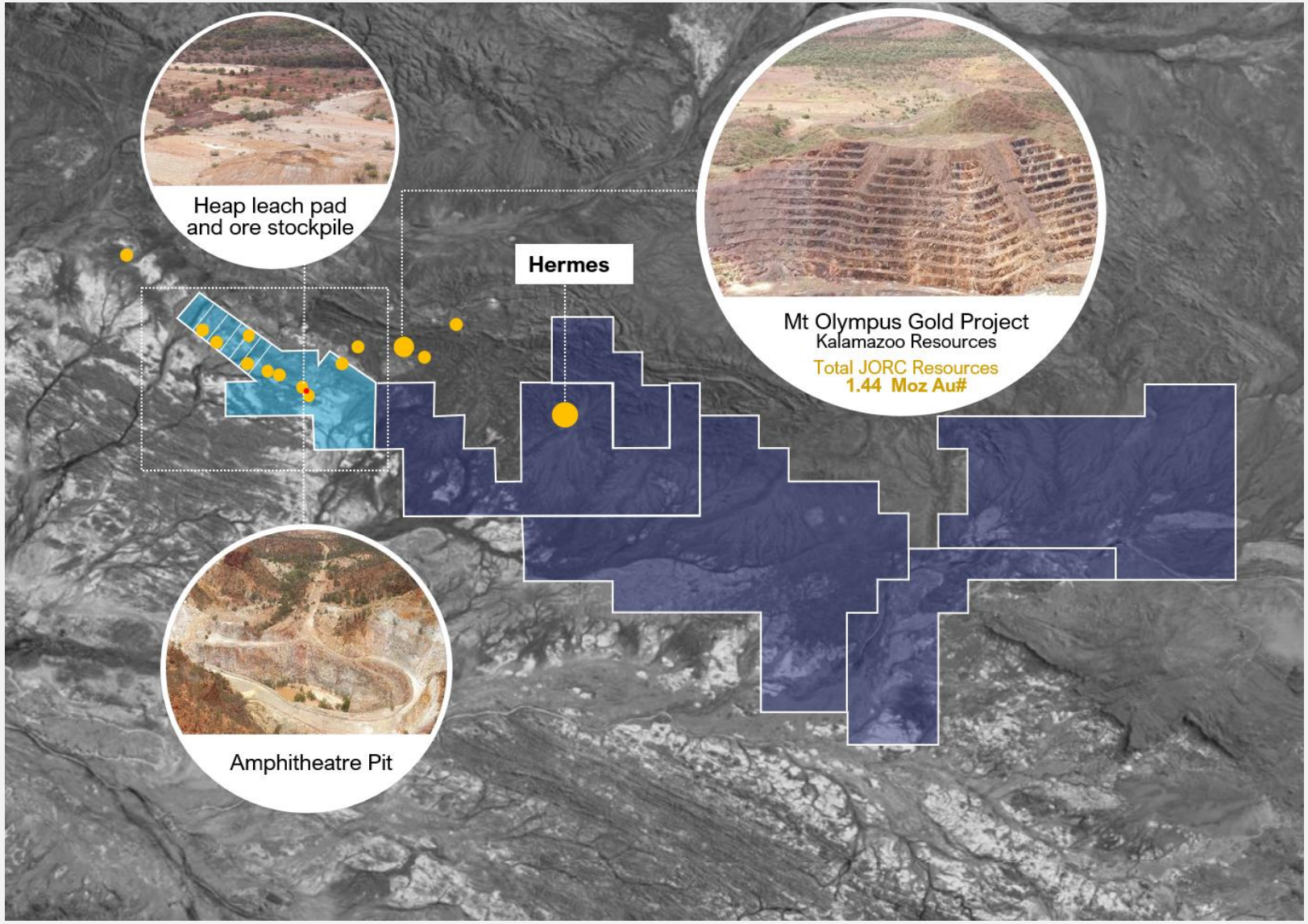
Xanadu Project

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 – see next slide
- Widespread gold mineralisation with a large and intense hydrothermal alteration zone



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

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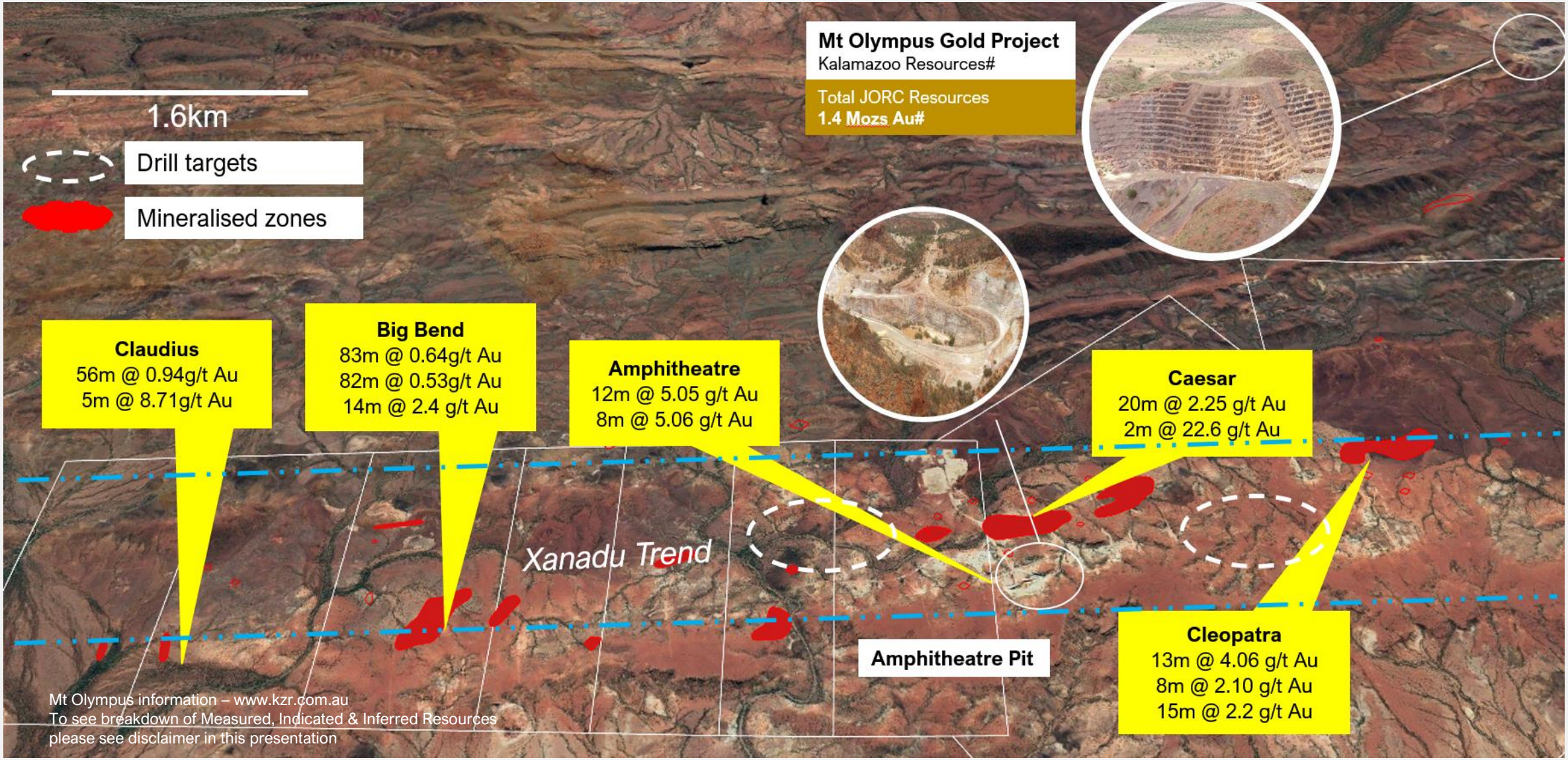
Xanadu West & Deeps Prospect

Historical drilling highlights project potential



Mt Olympus information – www.kzr.com.au
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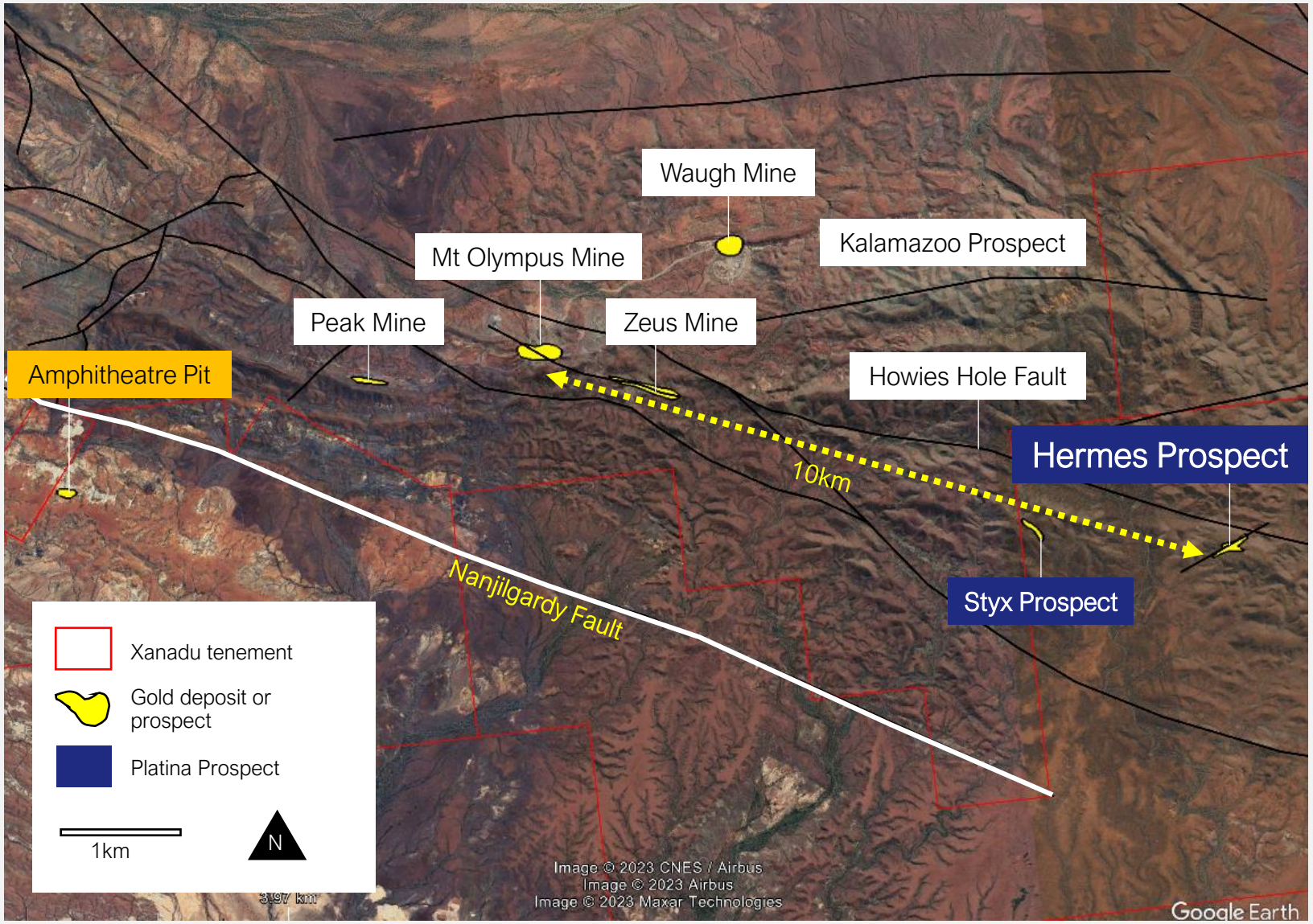
Xanadu Hermes Prospect

Hermes is a major new drilling target

- Shares similar structural and geological setting to Mt Olympus deposit 10km to the north-west
- Rock chip assays up to 4.22g/t Au
- Mapping and rock chipping program completed and drilling underway to test identified 1km mineralised structure



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Xanadu Project

Major program of drilling underway and new exploration planned

- Hermes RC drilling started 7 Sept 2023
- Xanadu West RC drilling planned late Oct 2023
- Diamond drilling deeper structural targets at Xanadu West 4Q2023
- Explore balance of over 45km strike along major fault zone and splays

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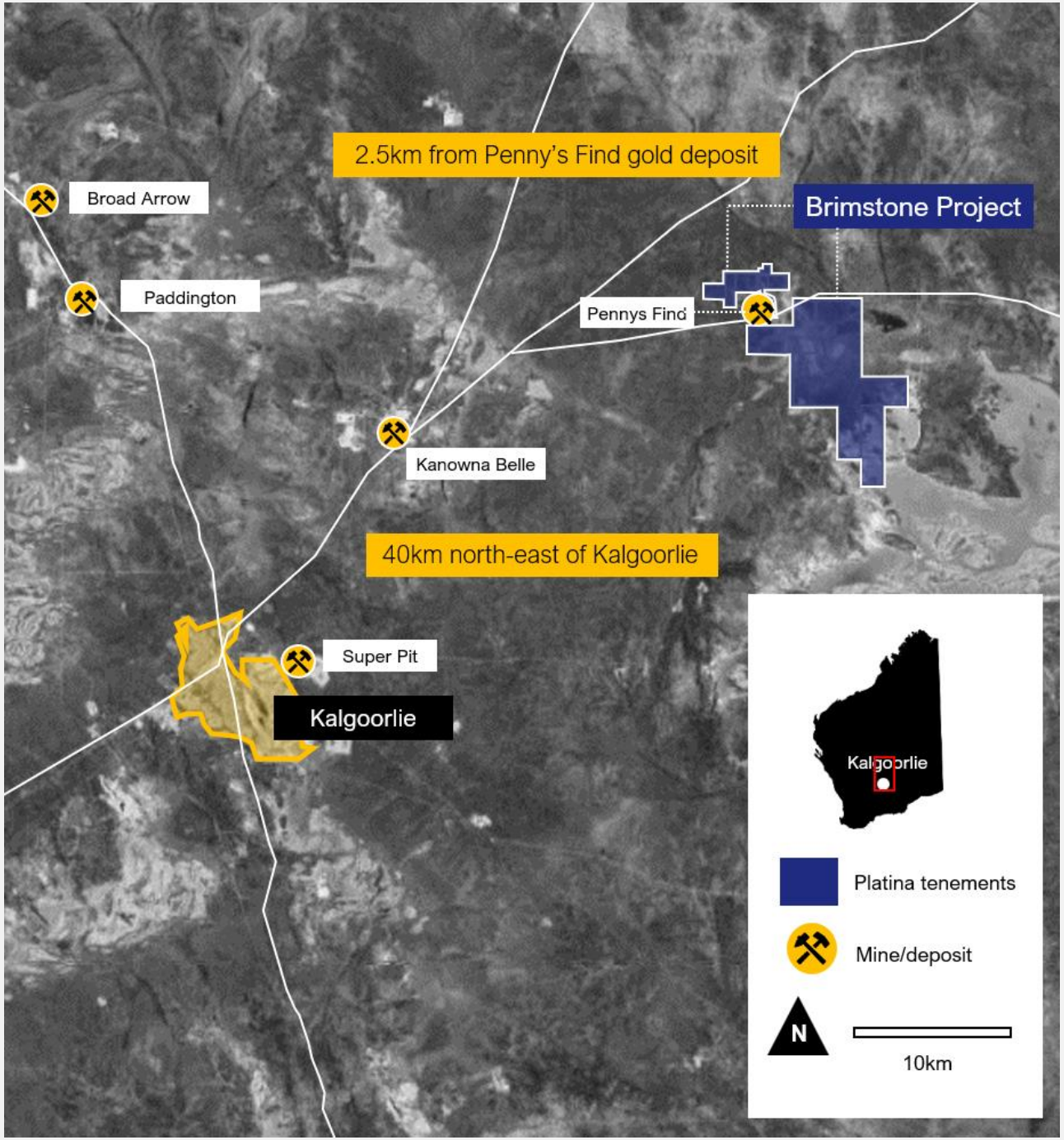
Brimstone Project

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



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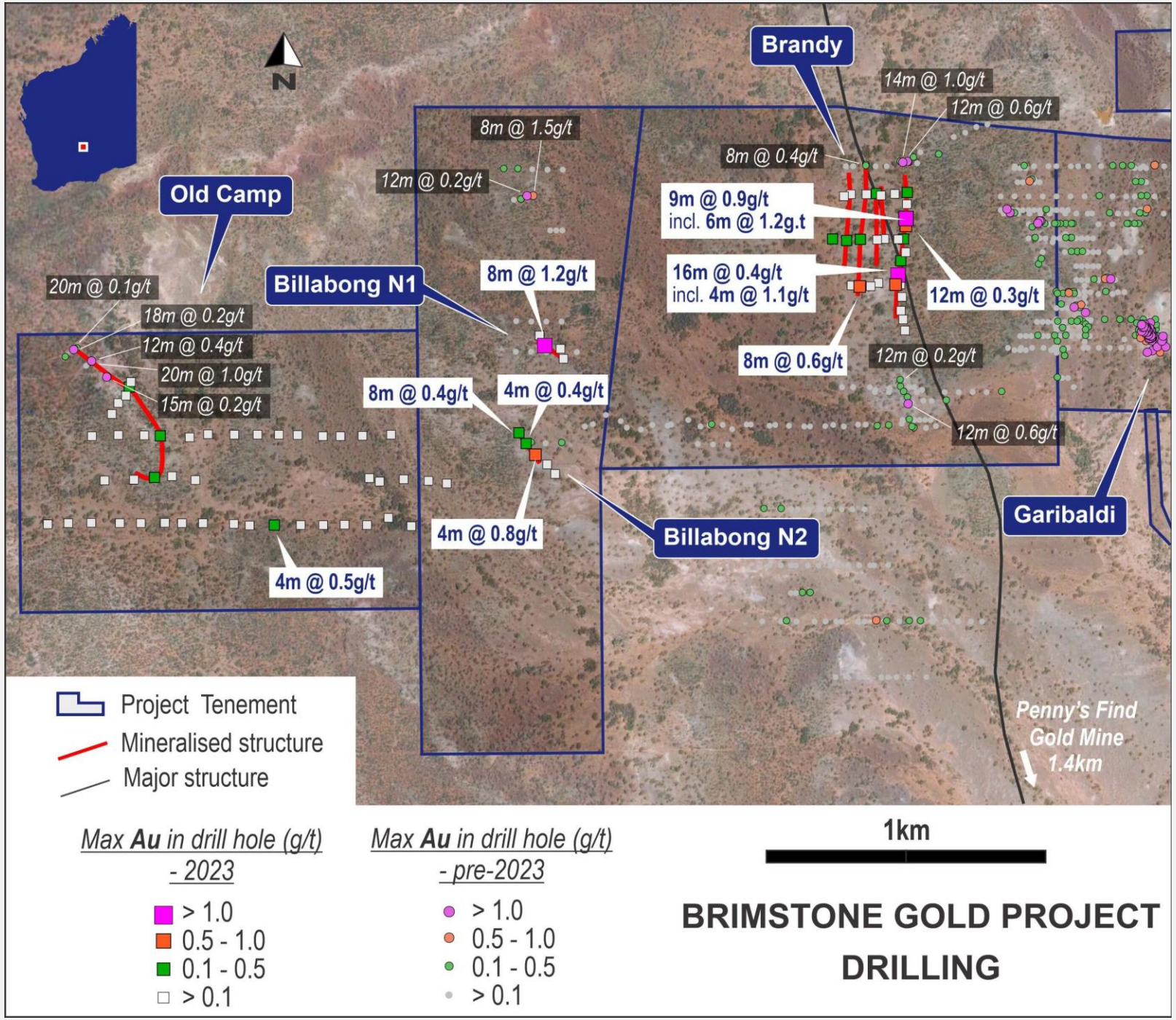
Brimstone Project

Reverse circulation drilling underway to test targets

- Numerous walk-up drill targets defined across tenement package
- RC drilling commenced 13 September 2023 to test the mineralisation at depth and along strike at Brandy, Garibaldi and Old Camp



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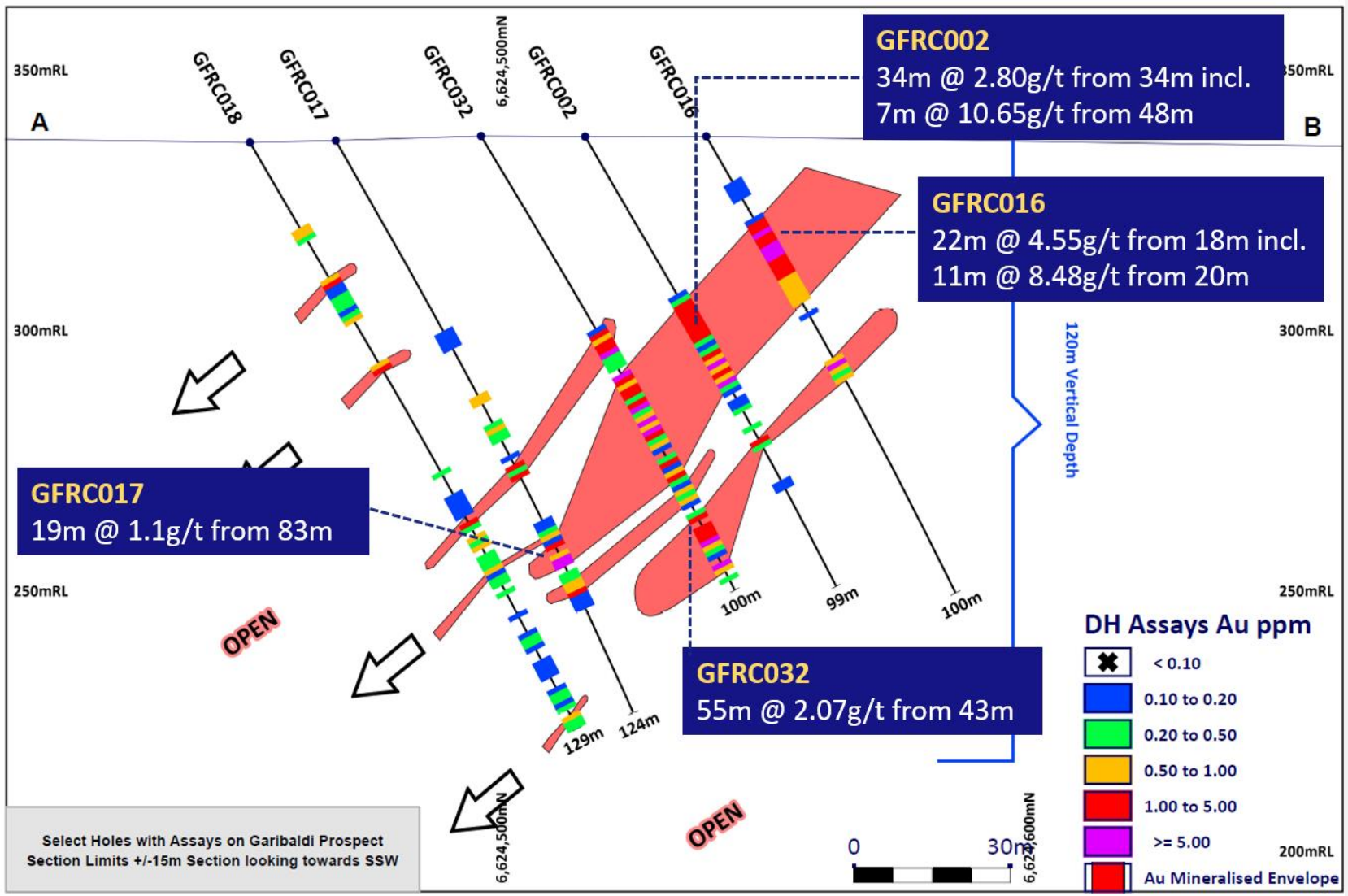
Brimstone Project

Garibaldi prospect

High-grade and thick intersections



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Beete Project

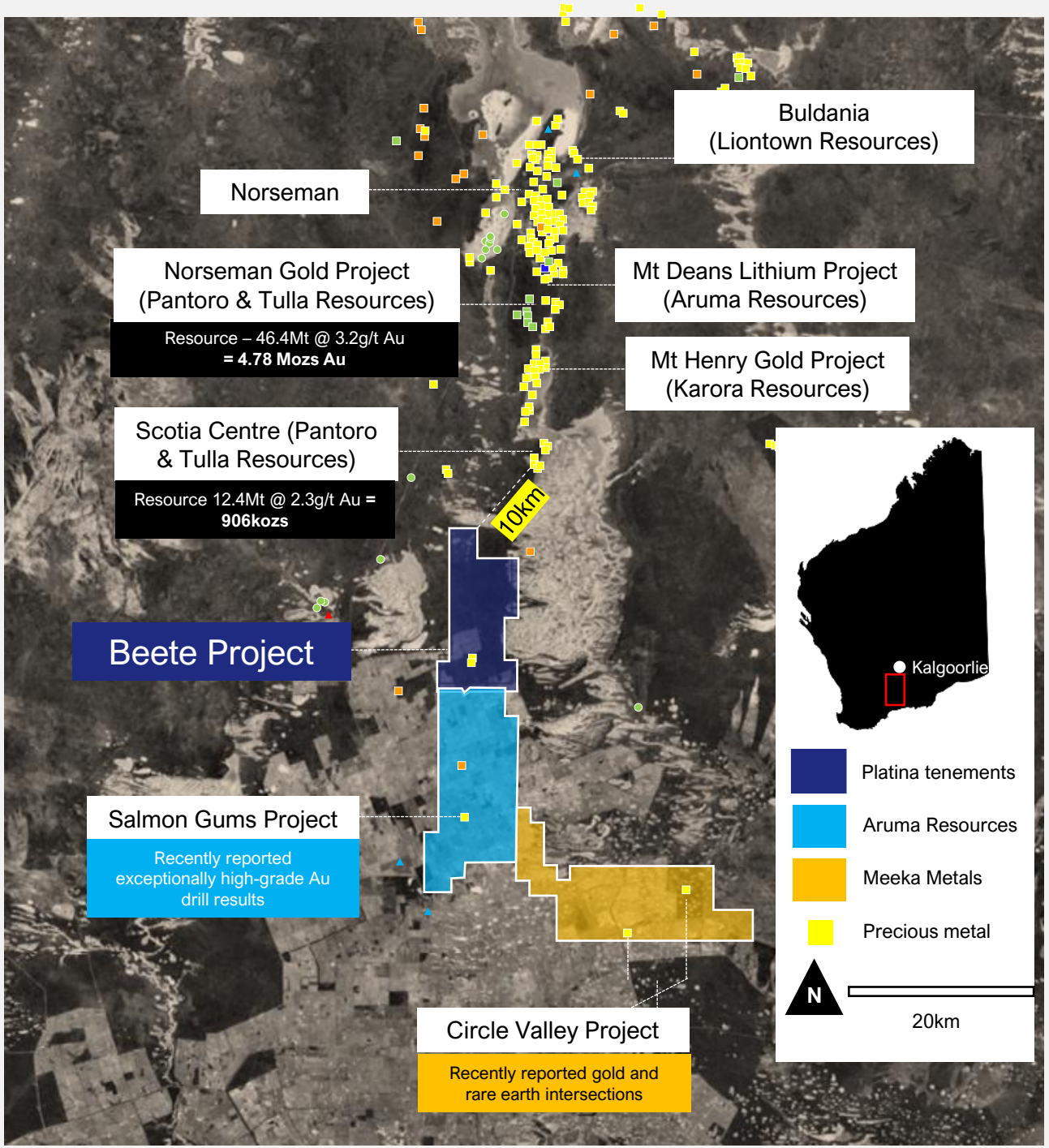
Gold, lithium and nickel potential

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

- Possible extension of Norseman Greenstone Belt - +5Moz historical gold production
- Historical mining district with a number of high-grade gold mines
- Aircore drilling planned north of Beete gold mine - 4Q 2023
- RC drilling planned around the extension of the Beete Mine following mine structures – 4Q 2023

Tenement package

134km²



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Mt Narryer Project
Gold, PGM and nickel

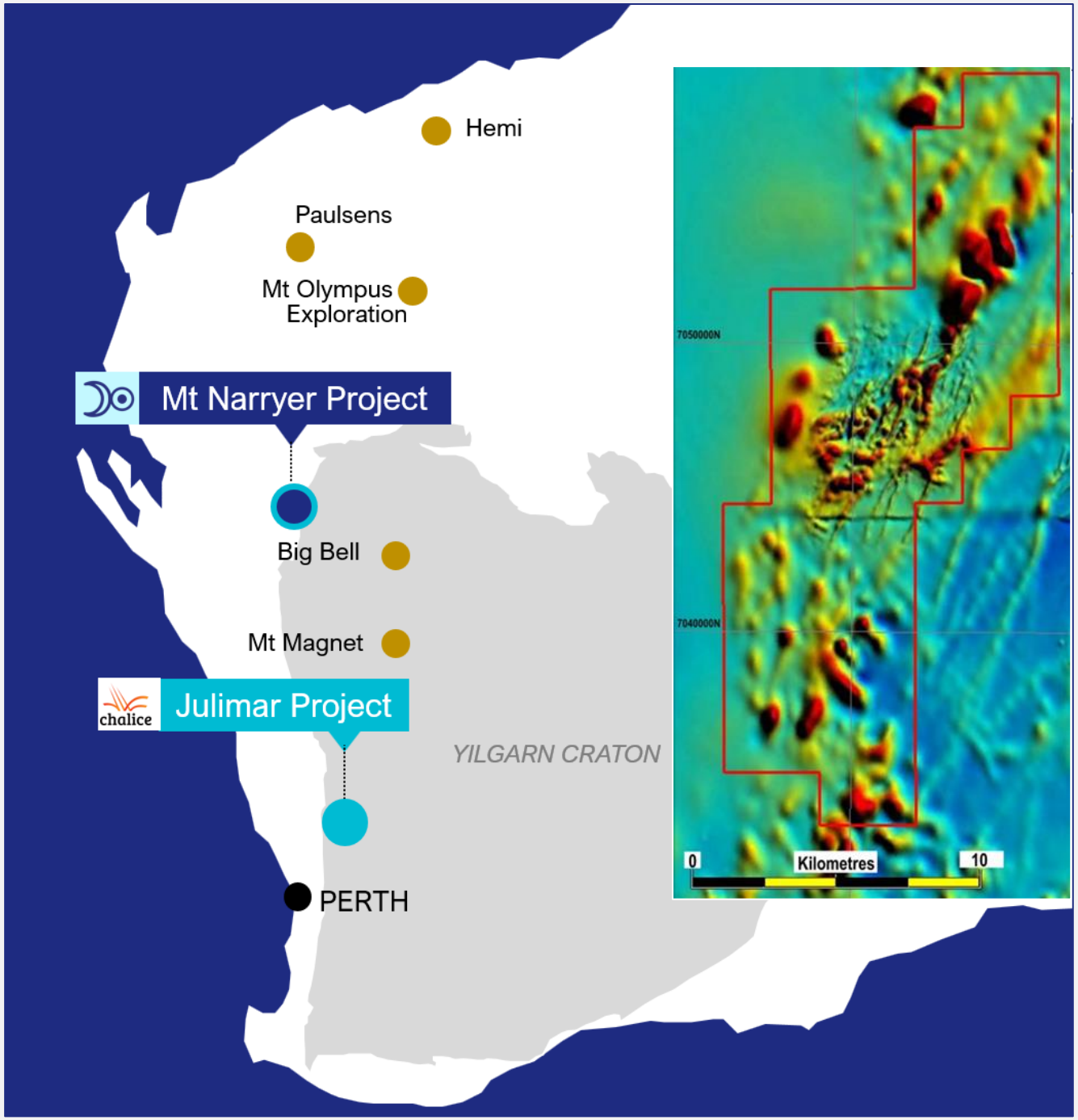
Project joint ventured with Chalice Mining (ASX:CHN). Market cap $1.20 billion^

- Geological setting analogous to the Julimar deposit situated 380km to the south
- Structure - covers an aeromagnetic high splaying off a major fault
- Prospective Craton edge margin – located between sediments and Archean granites and gneisses

Tenement package

211km²

^CHN share price as at 11 September 2023. See ASX release, Platina farms out Mt Narryer to Chalice Mining, 27 March 2023



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Executive team

Corey Nolan
Managing Director

Rohan Deshpande
Exploration Manager

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

Chris Hartley
Non-Executive Director

Process metallurgist with 30 years experience 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

Chairman of PNG public company, Tolu Minerals Ltd, the owner of the Tolukuma gold mine in PNG.

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Corporate snapshot

Share price
A$0.029c
As at 13 Sept 2023
52 week high $0.038, low $0.017

Market capitalisation
A$18.1m

Shares on issue
623.1m

Cash
A$10.5m
As at 7 Sept 2023

Options on issue
42.46m

Investments*
A$2.1m
As at 7 Sept 2023

Investments*

Alien Metals (AIM: UFO)
A$0.15m
44.5 million shares
Developing iron ore, silver, and platinum projects in WA

Major Precious Metals
A$1.8m
49 million shares
Developing a large gold and platinum group metal project in Greenland

Nelson Resources (ASX: NES)
A$0.08m
11.2 million shares
Controls 1,600km^2 of gold exploration ground in Western Australia
.

Blue Moon Zinc (TSXV: MOON)
A$0.05m
0.6 million shares
Developing a zinc deposit rich in gold and silver in the USA

 # 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

Share price catalysts

01

Scandium sale milestone payments

02

Brimstone drilling

03

Xanadu drilling

04

Beete drilling

05

New project opportunities

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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

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.

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Resources references in presentation

Project / Owner / Source	Category	kt	g/t Au	Kozs
Scotia Mining Centre	Indicated	10,734	2.2	734
50% Tulla Resources and 50% Pantoro Limited	Inferred	4,736	1.5	227
	Total	**15,471**	**2.0**	**999**
Norseman Gold Mineral Resource	Measured	4,572	1.6	234
50% Tulla Resources and 50% 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	Indicated	0.315	3.4	34
Black Cat Syndicate	Inferred	1,983	1.9	118
Source: ASX Presentation, 22 July 2022	**Total**	**2,651**	**2.5**	**217**
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**	16,190	**2.8**	**1,436**

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