

Discovery Driven Value Creation

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

April 2023

Corey Nolan
Managing Director

ASX:PGM

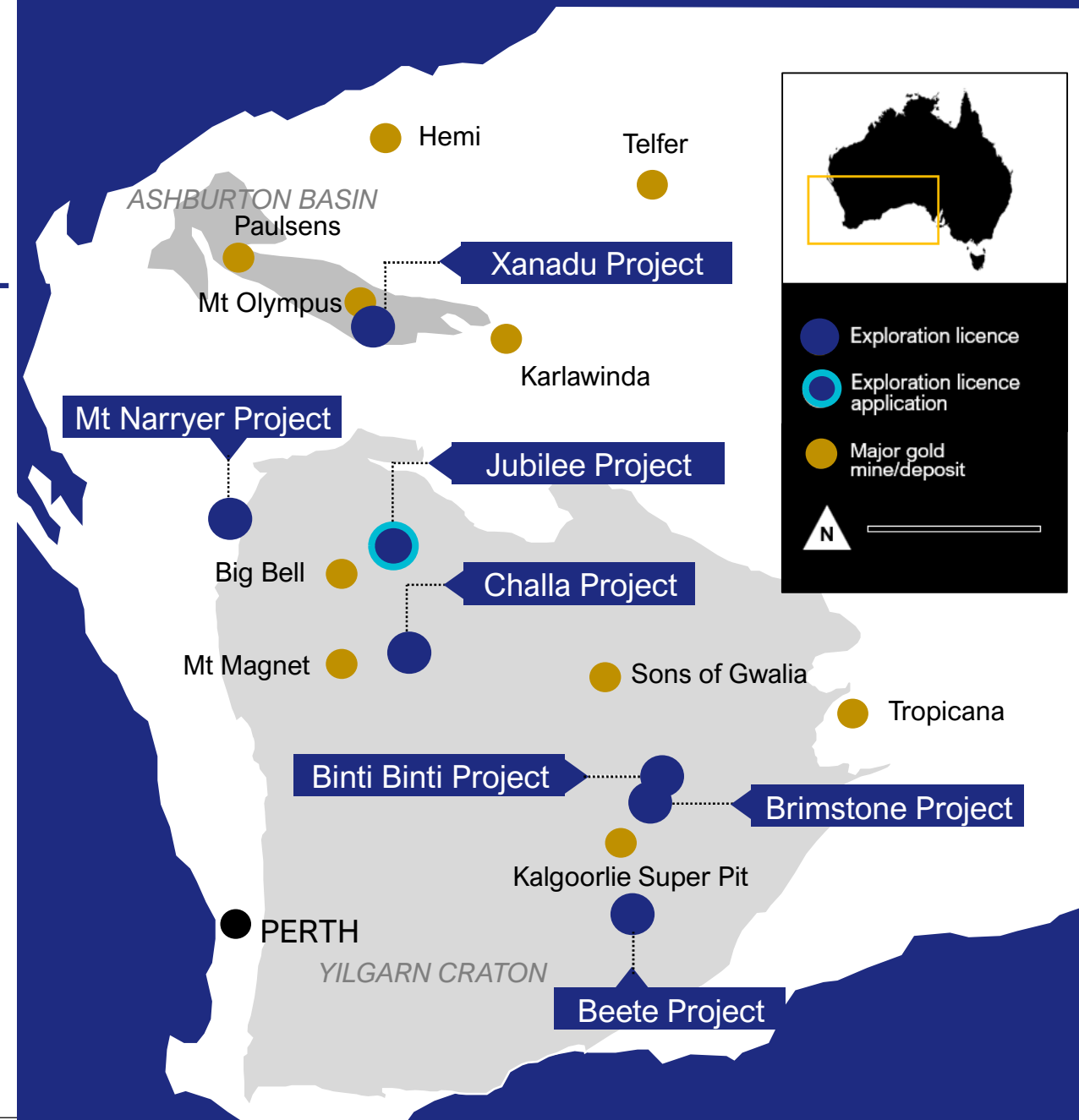


Company profile

Platina is a Western Australian focused gold explorer

7 gold projects – 1,469km²

Ownership of a high-grade scandium project in New South Wales



Key value drivers

Clear strategy to create shareholder value



GOLD

Exploring and drilling a strategic portfolio of gold projects in Western Australia to target **1 Moz deposits**



SCANDIUM

Unlocking the value of one of the world's highest-grade scandium deposits with a completed **Definitive Feasibility Study**



INVESTMENTS

Divesting our global asset portfolio to fund exploration and **minimise share dilution**

Strong gold price momentum ahead of planned drilling programs

Demand Drivers



Asset diversification



Central bank purchasing



Historic safe haven appeal



Inflation protection



Currency debasement



Emerging market demand

Supply pressures



Falling discovery rates



Rising production costs



Decreasing exploration budgets



Sovereign risk



Diminishing ore grades



Central banks buyers, not sellers

Gold price

USD/ oz
as at 27 March 2023



Strategy to drill three projects in 2023

Priority Activities

Brimstone

- Drilling started NOW
- Cultural heritage survey (Phase 2) Q2|23

Xanadu

- Cultural heritage survey Q2|23
- Drilling Q3|23

Beete

- Soil program completed
- Flora & fauna survey Q2|23
- Cultural heritage survey Q2|23
- Drilling Q3|23

Resource definition & evaluation

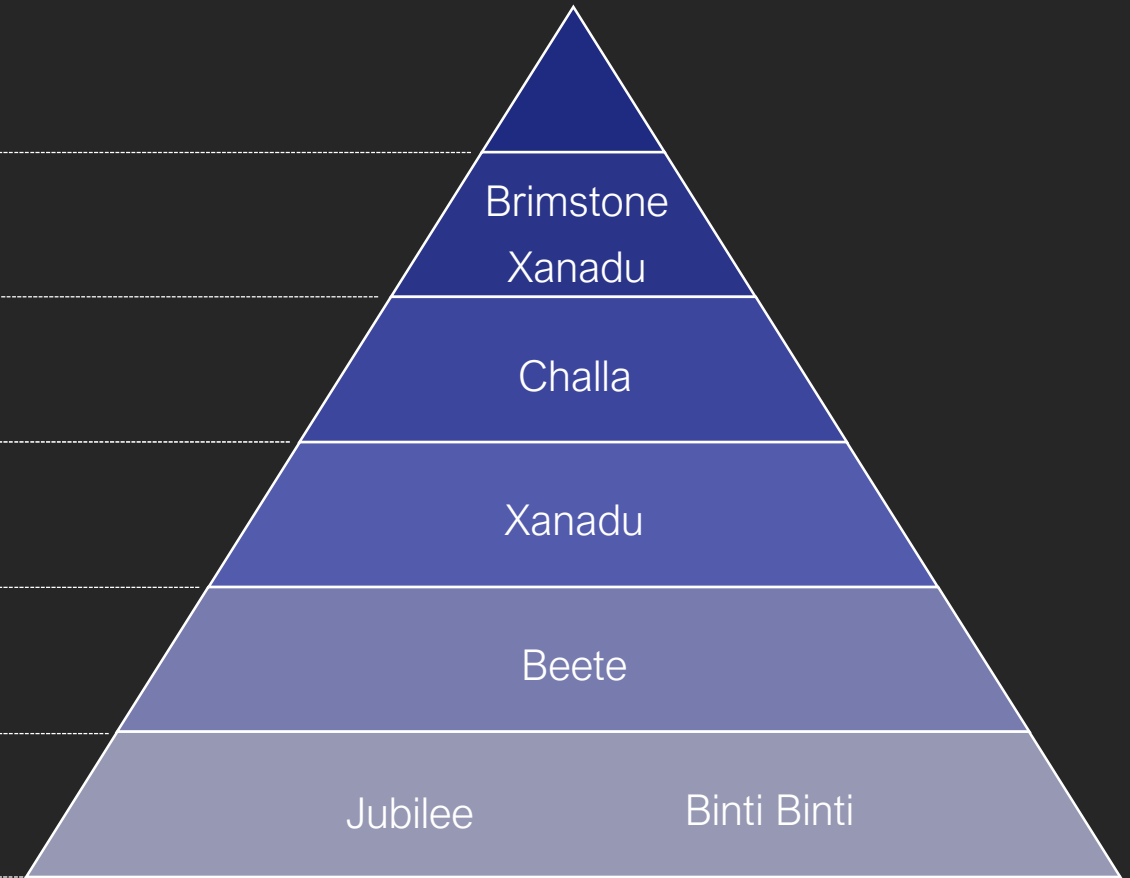
Drilling

Drill target generation

Target evaluation

Target generation

Pre-Exploration

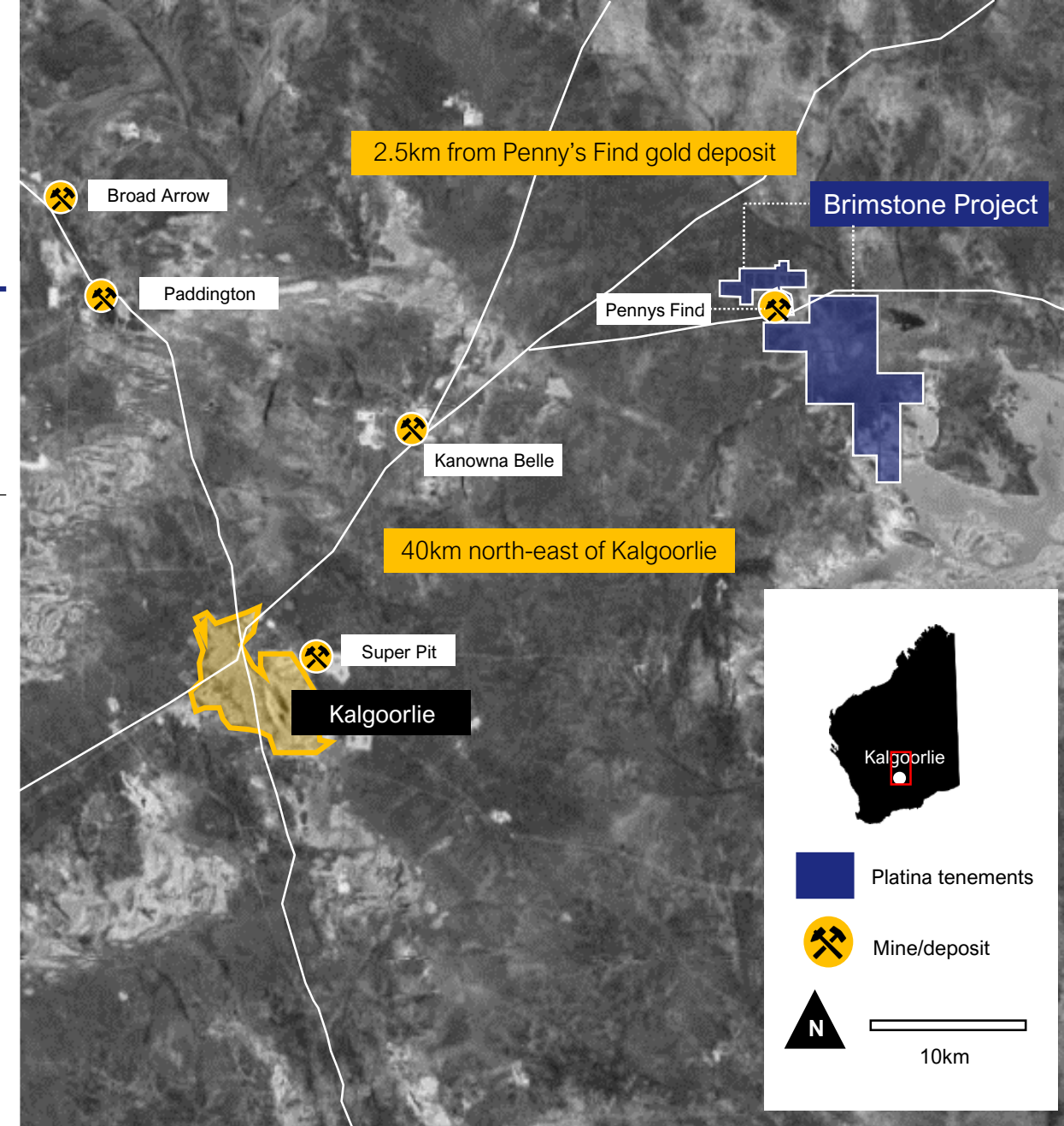


Brimstone Project

Drilling recently started across the northern tenements

- Mining Licence at the advanced Garibaldi prospect
- 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
- Six walk-up drill targets - Garibaldi, Eastern Workings, 5 Bob, Jammie Dodger and Lapage VHMS
- ~\$5m of historical expenditure
- Over 964 holes drilled for 51,638m
- Most drill holes < 50m depth and 93% of holes drilled < 100m depth

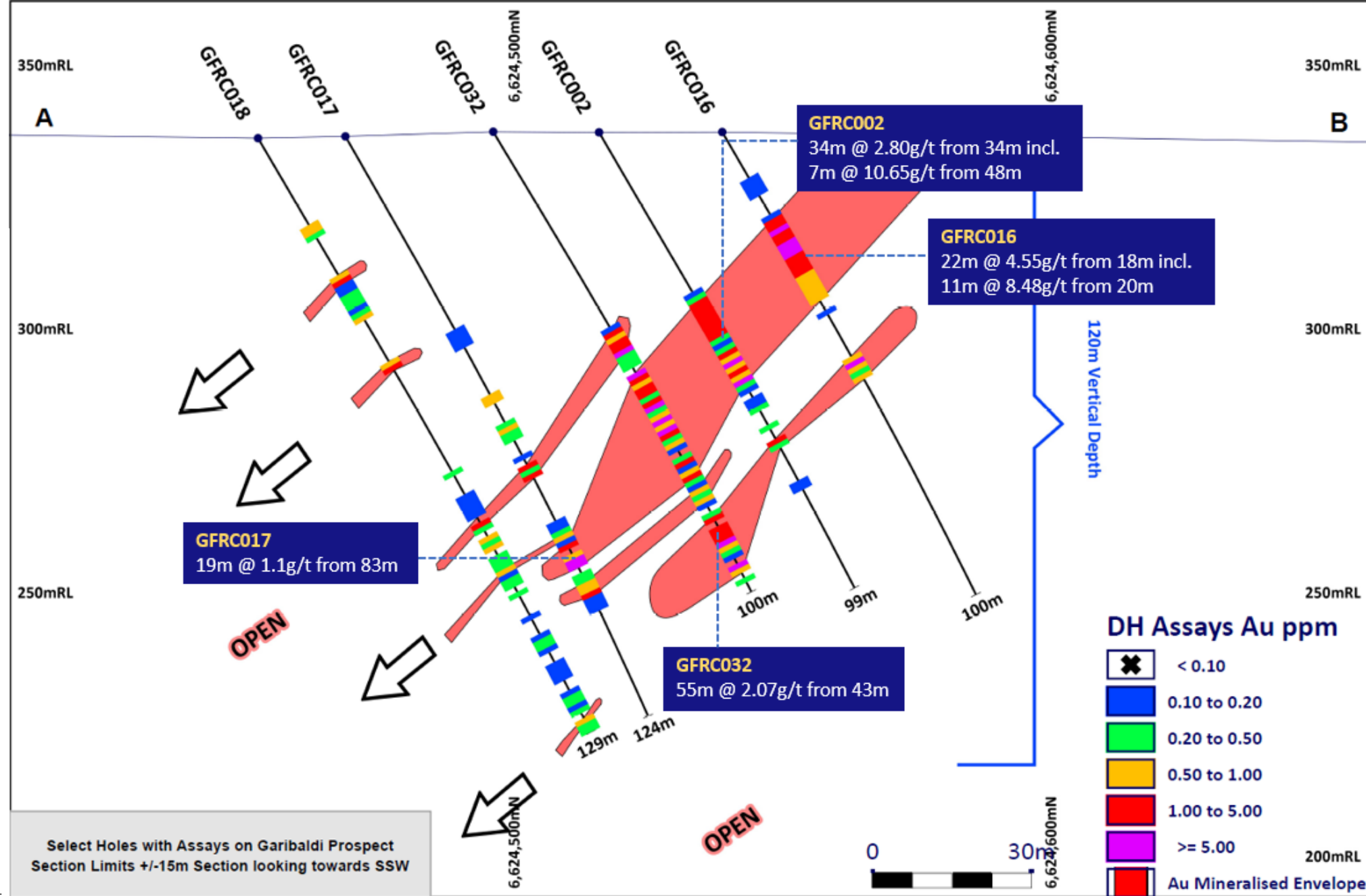
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Brimstone Project

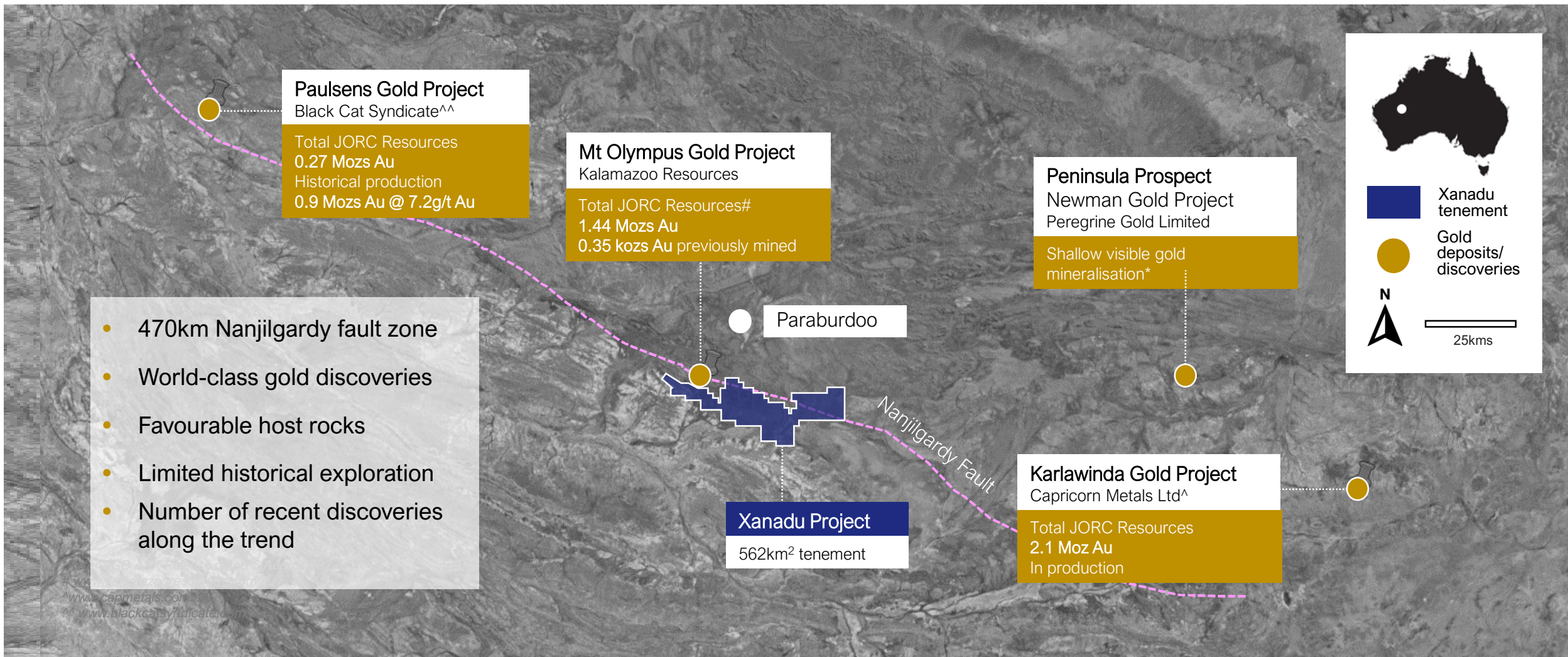
Garibaldi Prospect

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Xanadu Project

Regional scale structural setting – 1.44 Moz Au nearby



Xanadu Project

Historical focus as a small
heap leach gold project

Mt Olympus Gold Project
Kalamazoo Resources

Total JORC Resources
1.44 Moz Au#

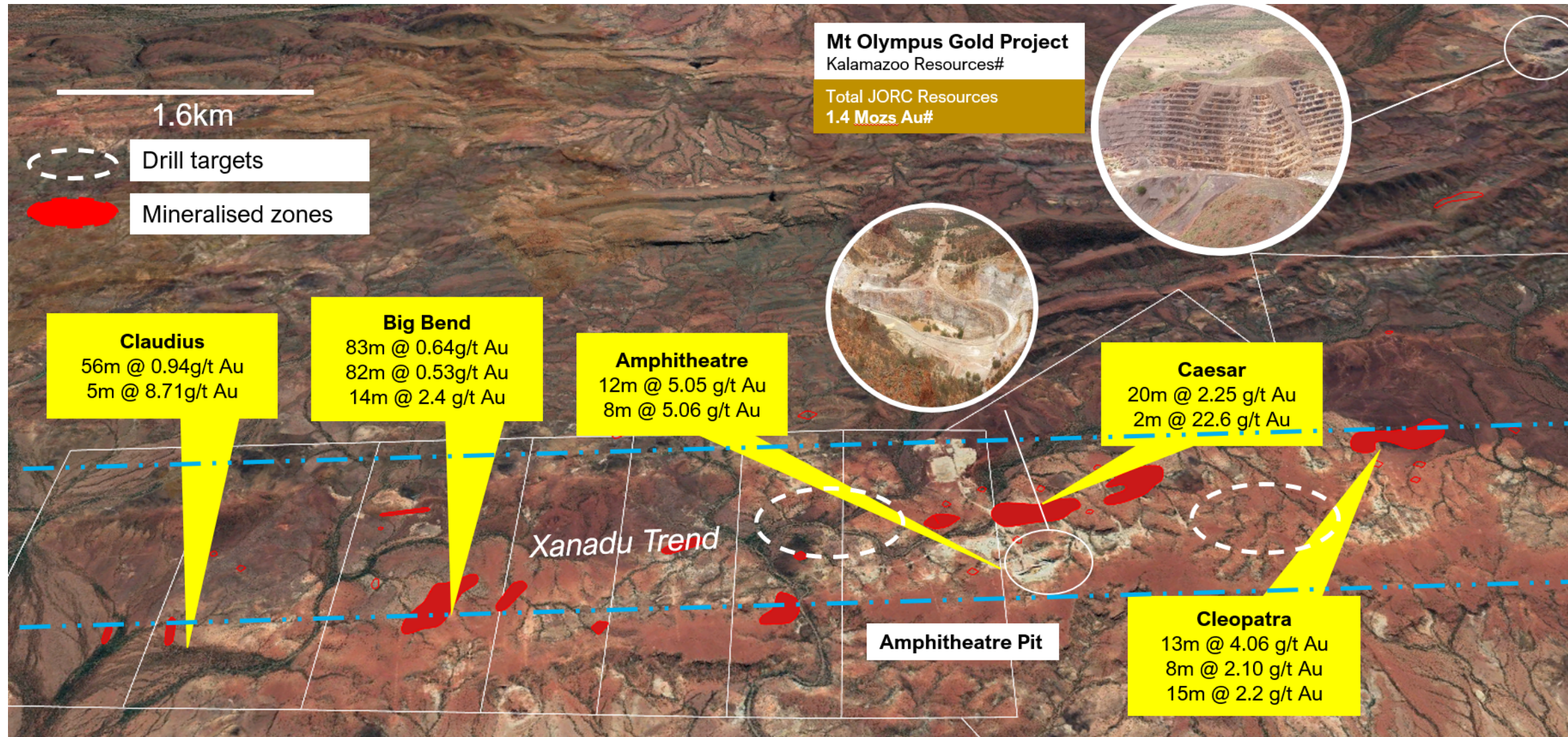
Hermes

Heap leach pad and ore stockpile

Amphitheatre Pit

Xanadu Project

Historical drilling highlights project potential



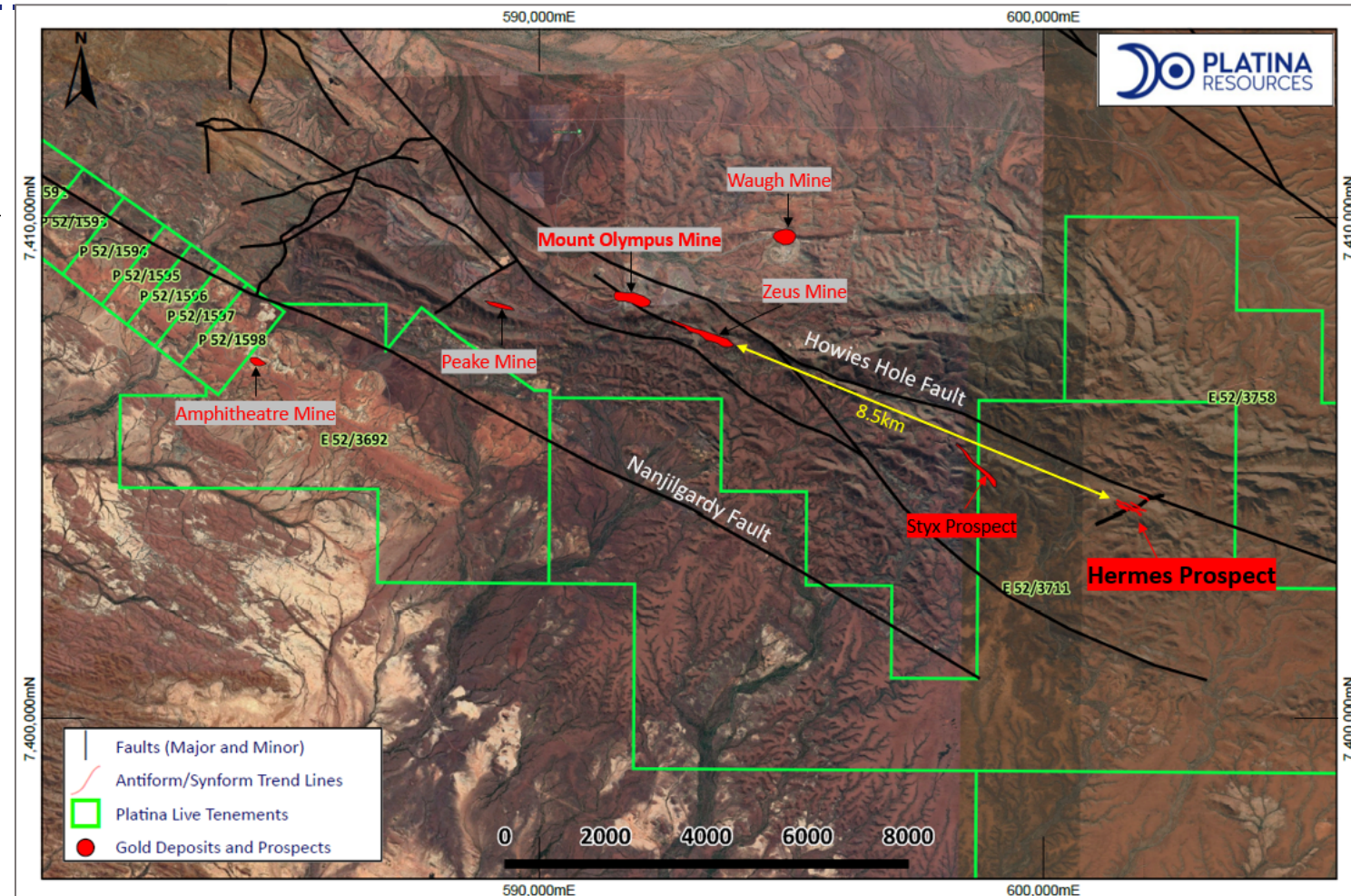
Xanadu Project

Hermes – exciting new gold exploration target identified

- 10kms south-east of Mt Olympus on the same structural trend
- Hermes has a 570m strike length and is 350m wide
- Selected rock chip assays up to 1.96g/t Au

Xanadu Exploration strategy

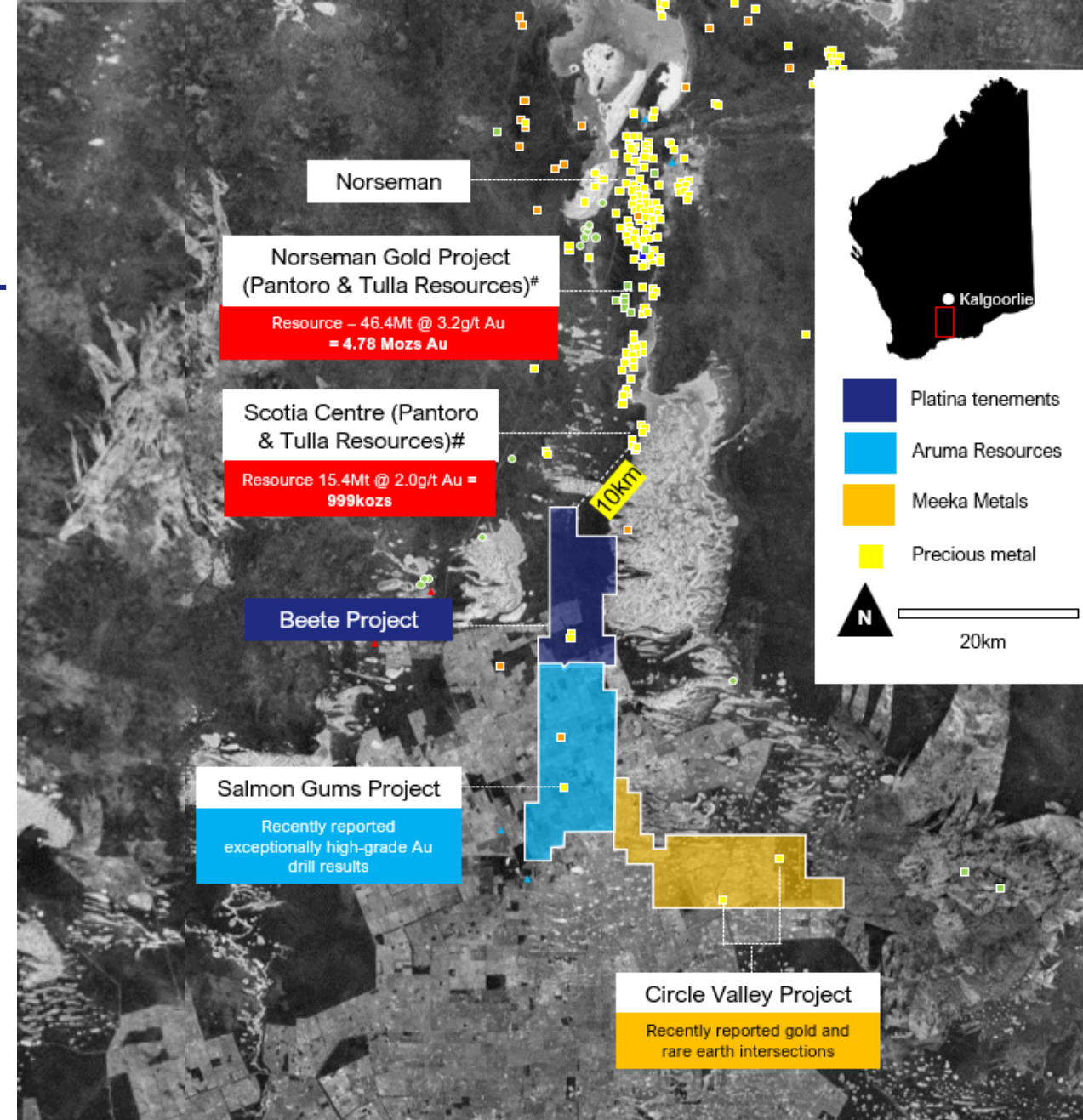
- Cultural heritage clearance required at Hermes and Xanadu West
- Phase 2 drilling program scheduled mid-2023



Beete Project

New gold, lithium and nickel target

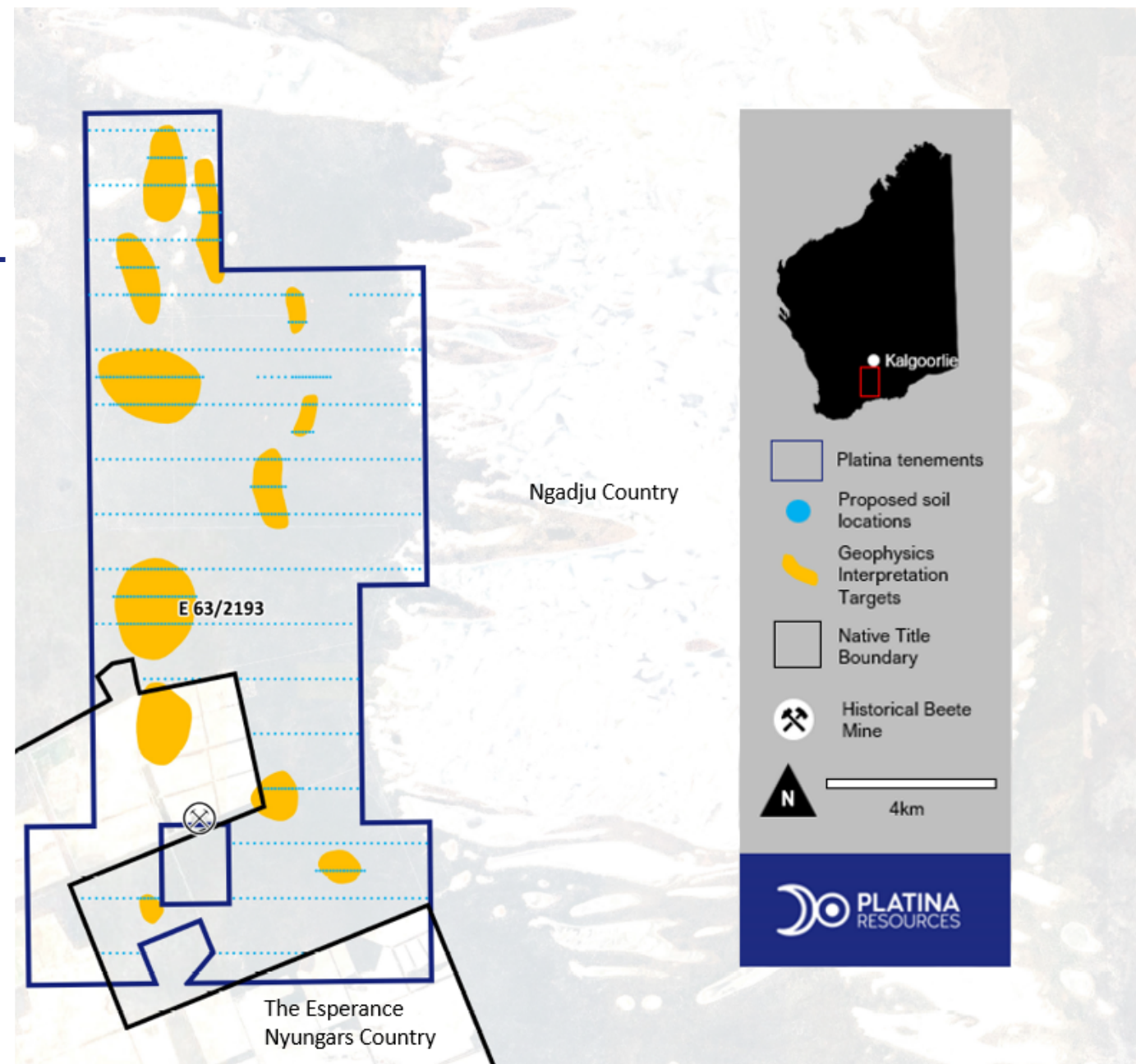
- Located 50 km south of Norseman
- Tenements covers 139 km²
- Access from the Coolgardie to Esperance Highway
- Historical mining district with a number of small high-grade gold mines
- Thought to be a possible extension of the Norseman Greenstone Belt - historical gold production ~ 5.5 Mozs
- Recent discoveries to the south by Aruma Resources and Meeka Metals highlight gold potential
- Rare earth potential to be studied following Meeka Metals' success



Beete Project

Soils analysis to assist with drill target definition

- Soil program completed, assays pending
- Environmental Management Plan underway
- Flora and Fauna surveys to be completed
- Cultural heritage surveys to be completed - 2-3Q2023
- Drilling – 3-4Q2023



Mt Narryer Project

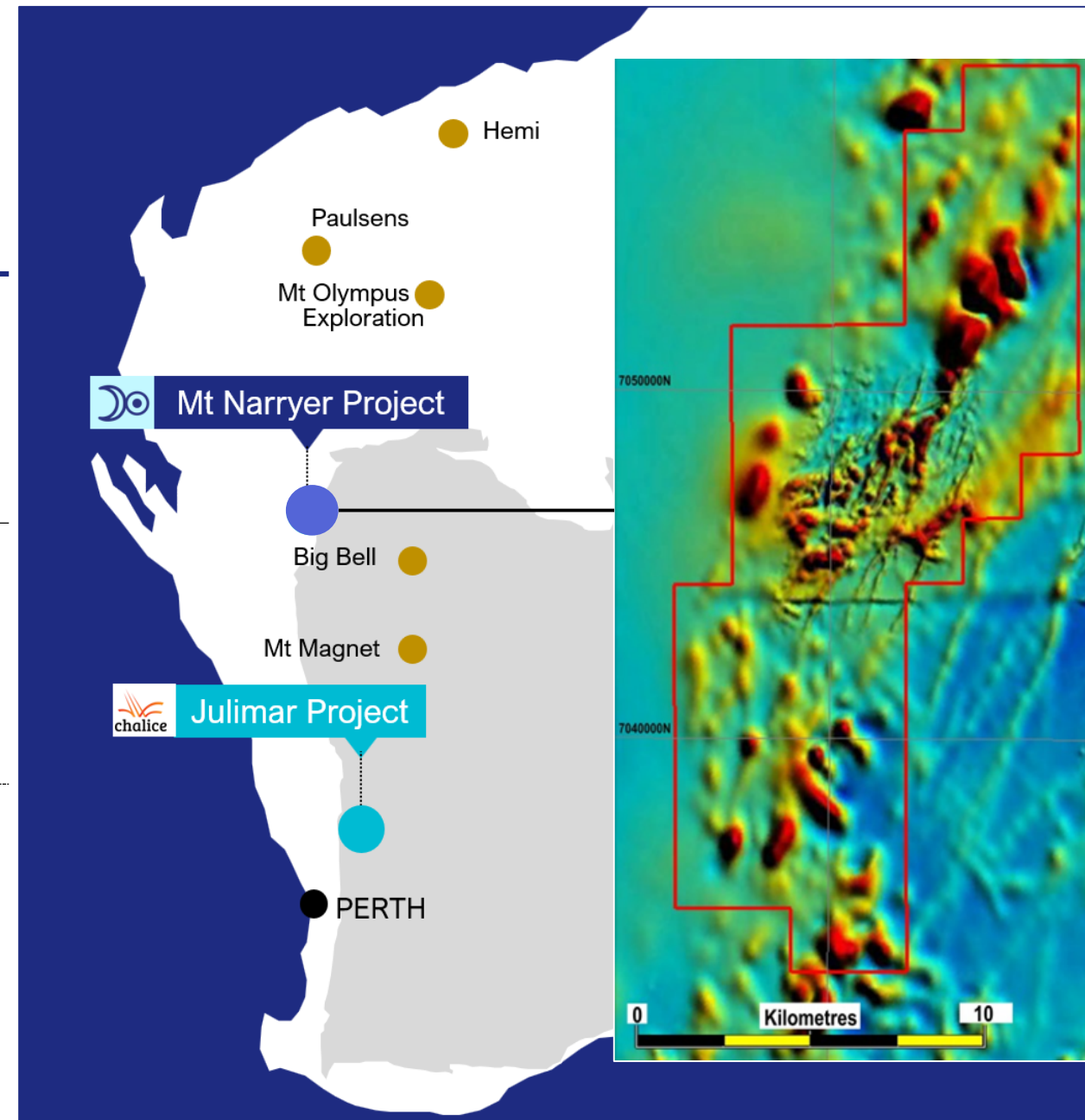
Project joint ventured with Chalice Mining (ASX:CHN)¹. Market cap \$2.65 billion[^]

Prime location

- Exploration Licence covering 211km²
- Located in the western Yilgarn Craton
- Very little modern exploration due to lack of outcropping rocks

Target analogous to the Julimar discovery

- Structure - covers an aeromagnetic high splaying off a major fault
- Prospective Craton edge margin – located between sediments and Archean granites and gneisses



Platina Scandium Project

Unlocking the value of a world-class scandium resource

Master alloy development program

- Diversifying the product mix and project marketability.
- Capturing a greater share of the downstream value.

Emerging market

- Recent scandium developments from aluminium heavyweights drawing attention to scandium market opportunity.

Definitive Feasibility Study Results
December 2018*

Start up CAPEX

A\$68m

Stage 2 CAPEX

A\$16m

Post-tax NPV (8% real)

A\$234m

Post-tax IRR

29%

Capital payback

5.3 years

Annual Revenue (avg)

A\$77m

Annual EBITDA (avg)

A\$47m

Price forecast

US\$1,550/kg

Executive team

Experienced in advancing projects from discovery towards development



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 and Tolu Minerals



Chris Hartley
Non-Executive Director

Chris Hartley has 30 years experience in process metallurgy, with significant 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



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.

Corporate Snapshot

Share price

A\$0.02c

As at 4 April 2023
52 week high \$0.057, low \$0.017

Shares on issue

623.1m

Investments*

A\$2.5m

As at 30 March 2023

Market capitalisation

A\$12.5m

As at 4 April 2023

Cash

A\$1.5m

As at 31 December 2023



Drilling at Brimstone, March 2023

Investments to fund exploration activities

AIM: UFO

A\$0.5m

60 million shares

Developing iron ore, silver, and platinum projects in Western Australia



UNLISTED#

A\$1.8m

49 million shares

Developing a large gold and platinum group metal project in Greenland



ASX: NES

A\$0.06m

11.2 million shares

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



TSXV: MOON

A\$0.05m

0.6 million shares

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



ASX:PGM

All figures as at 30 March 2023

Major Precious Metals de-listed from NEO on 7 October 2022 and valuation is based on last traded price. Major is expected to re-list on a new exchange in 2023

Share price catalysts

01

Beete soil sample results

02

Brimstone drilling

03

Xanadu Drilling

04

Unlocking value of non-core assets

05

Realising value from investments

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 Scandium Project - Positive Definitive Feasibility Study, 13 December 2018;
- Platina Scandium Project Ore Reserve, 13 December 2018;
- 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 February 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 Mr Corey Nolan, Managing Director of Platina Resources Limited.

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