



**BPM**  
**MINERALS**

# **FORGING OUR FUTURE IN THE EARAHEEDY BASIN**

Corporate Presentation  
April 2022

**ASX:BPM**



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## COMPETENT PERSON STATEMENT

The information in this report that relates to exploration results and exploration targets is based on and fairly represents information compiled by Mr Oliver Judd, a Competent Person whom is a Member of the Australasian Institute of Mining and Metallurgy. Mr Judd, a non-executive director of the Company holds securities in the Company. Mr Judd has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken 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'. Mr Judd consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

All parties have consented to the inclusion of their work for the purposes of this presentation. The interpretations and conclusions reached in this presentation are based on current geological theory and the best evidence available to the author at the time of writing. It is the nature of all scientific conclusions that they are founded on an assessment of probabilities and, however high these probabilities might be, they make no claim for absolute certainty. Any economic decisions which might be taken on the basis of interpretations or conclusions contained in this presentation will therefore carry an element of risk.

This Presentation has been approved by the Board of BPM Minerals Limited

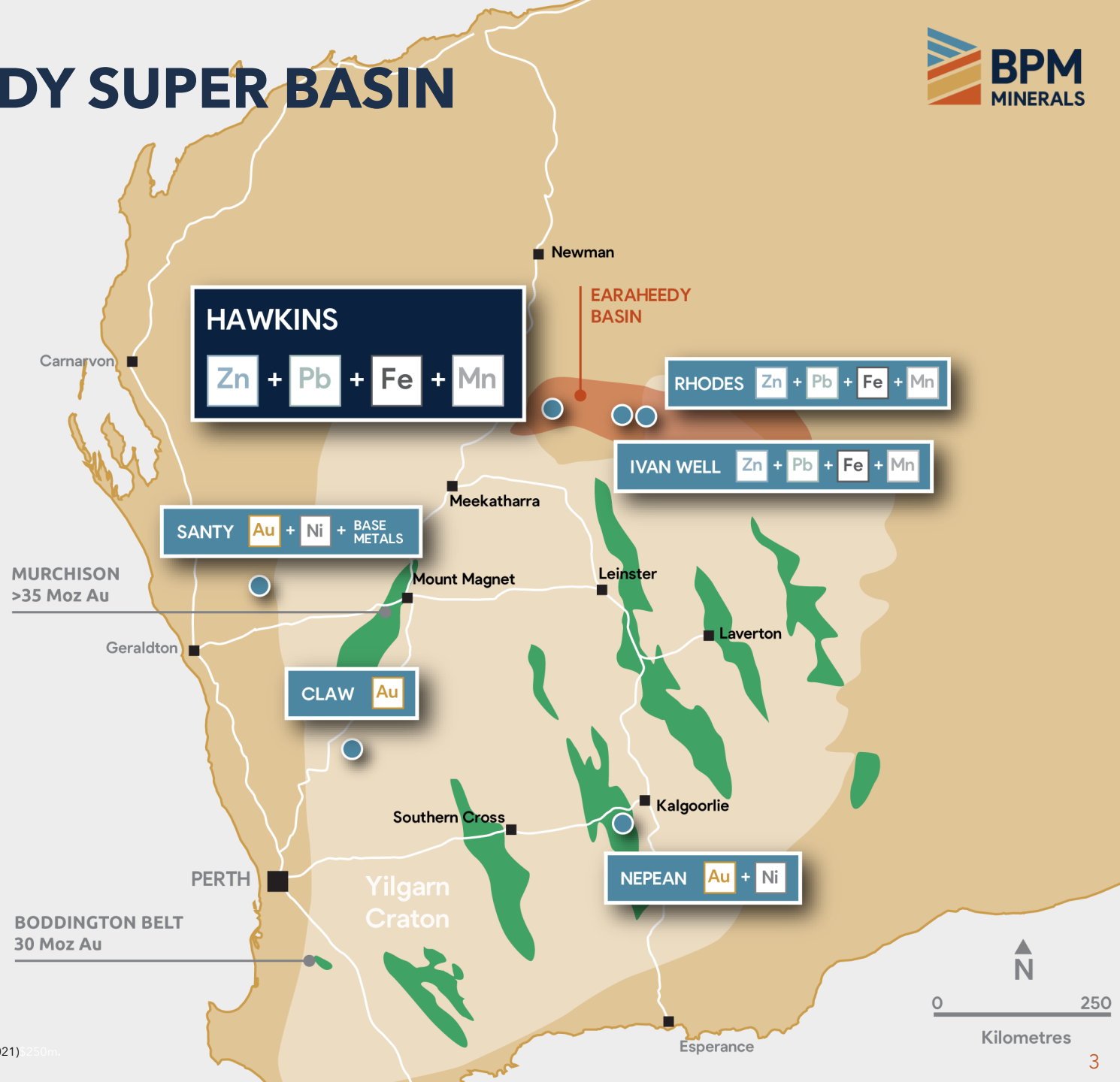


# EXPLORING THE EARAHEEDY SUPER BASIN

## Drilling imminent at Hawkins

### HAWKINS LEAD-ZINC PROJECT

- Flagship BPM Project
- 7,500 metre AC-RC drilling imminent
- Drilling designed to test for a potentially large lead-zinc-silver mineralised footprint
- XRF Analyser to assess the samples as they are produced, allowing the team to respond to anomalies immediately with infill and deeper RC drilling.
- Geochemical sampling programs to be completed concurrently
- Historical scout drilling intercepted Pb-Zn mineralisation in a similar position to RTR's Chinook discovery<sup>1</sup>



<sup>1</sup>Rumble Resources is an ASX listed company (RTR) that announced a "Major Zinc-Lead Discovery at Earaheedy Project" (19th April 2021) 250m.



# DRIVING WESTERN AUSTRALIA'S NEXT DISCOVERY

## Corporate Overview



PAUL LLOYD

**Non-Executive Chairman**

Currently Managing Director of Arizona Lithium (ASX:AZL), a US-focused Lithium explorer, Mr Lloyd has been responsible for a number of successful IPOs, RTOs, project acquisitions and capital raisings for ASX-listed public companies.



CHRIS SWALLOW

**Chief Executive Officer**

Currently Non-Executive Director of Lord Resources (ASX:LDR), Chris is also currently the Corporate Development Officer for Predictive Discovery Limited (ASX:PDI) and Minbos Resources (ASX:MNB)



OLIVER JUDD

**Exploration Manager**

An exploration geologist with more than 15 years' experience with precious and base-metals with Talisman, OMNI GeoX, Capricorn and Dreadnought. He is a Member of AusIMM.



GREG SMITH

**Non-Executive Director**

Exploration manager for Moto Gold Mines Ltd, responsible for the discovery of 22.5 million ounces of gold in the Democratic Republic of Congo (Kibali Mine). He is a Member of AusIMM.



EMMANUEL CORREIA

**Non-Executive Director**

Founding director of Peloton Capital and Peloton Advisory and has over 25 years' public company and corporate finance experience.

## CAPITAL STRUCTURE

49.6m

Shares on issue

38.4m

Options @ 0.25c exc. 2025

\$3.8m

CASH at 1 April 2022

\$10.65m

MKT CAP at 0.215cps

\$6.8m

ENTERPRISE VALUE

# EARAHEEDY BASIN PROJECTS

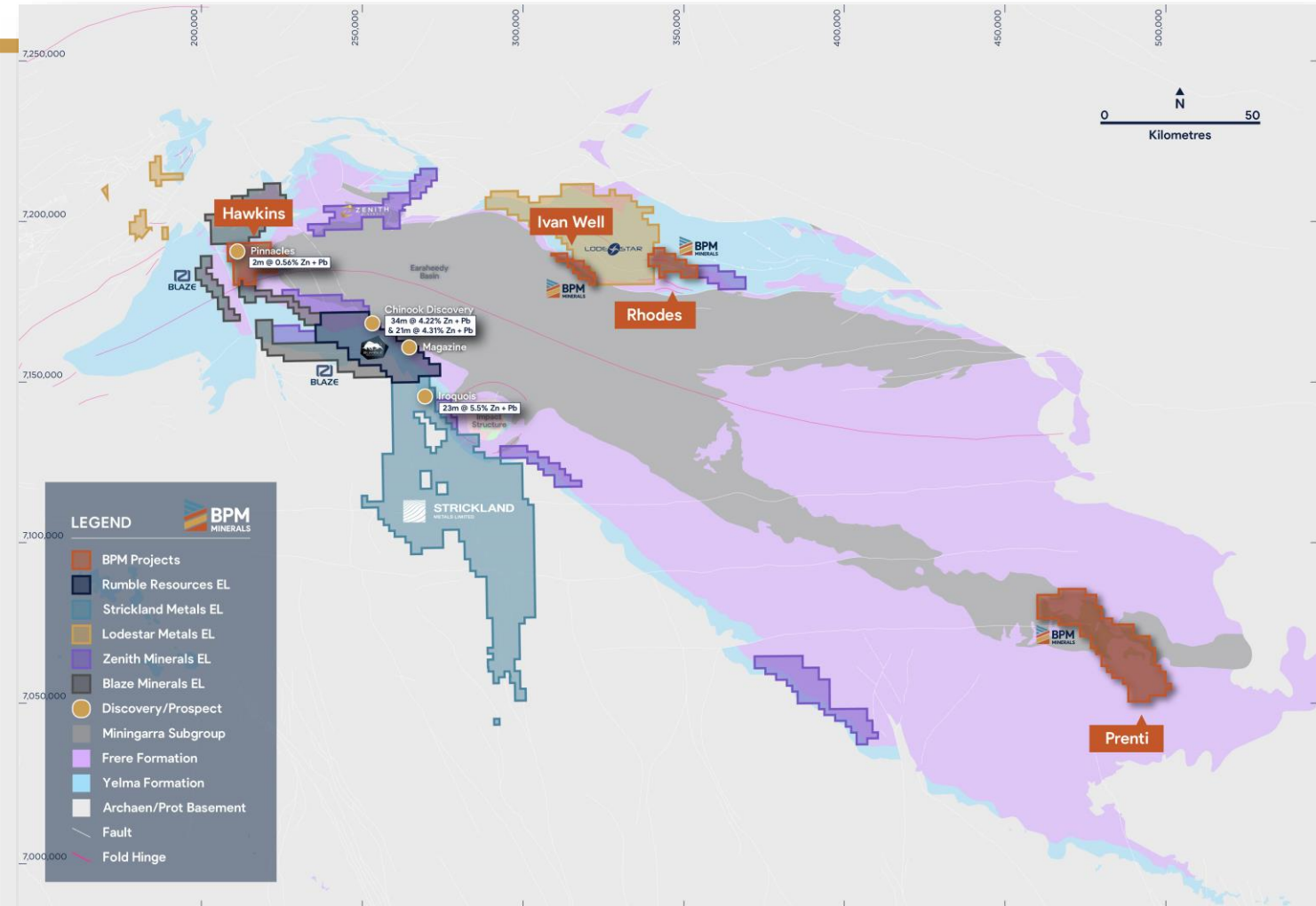
RTR and STK Discoveries confirm Earaheedy as a rapidly developing region for large Zn-Pb discovery

## TENURE AND LOCATION

- 835km<sup>2</sup> landholding with historical Pb-Zn mineralisation identified in limited historical scout drilling
- Located ~40km NW of the Rumble Resources (ASX:RTR) Chinook lead-zinc discovery
- 8,000m of AC drilling planned for March/April this year

## GEOLOGY AND EXPLORATION TARGET

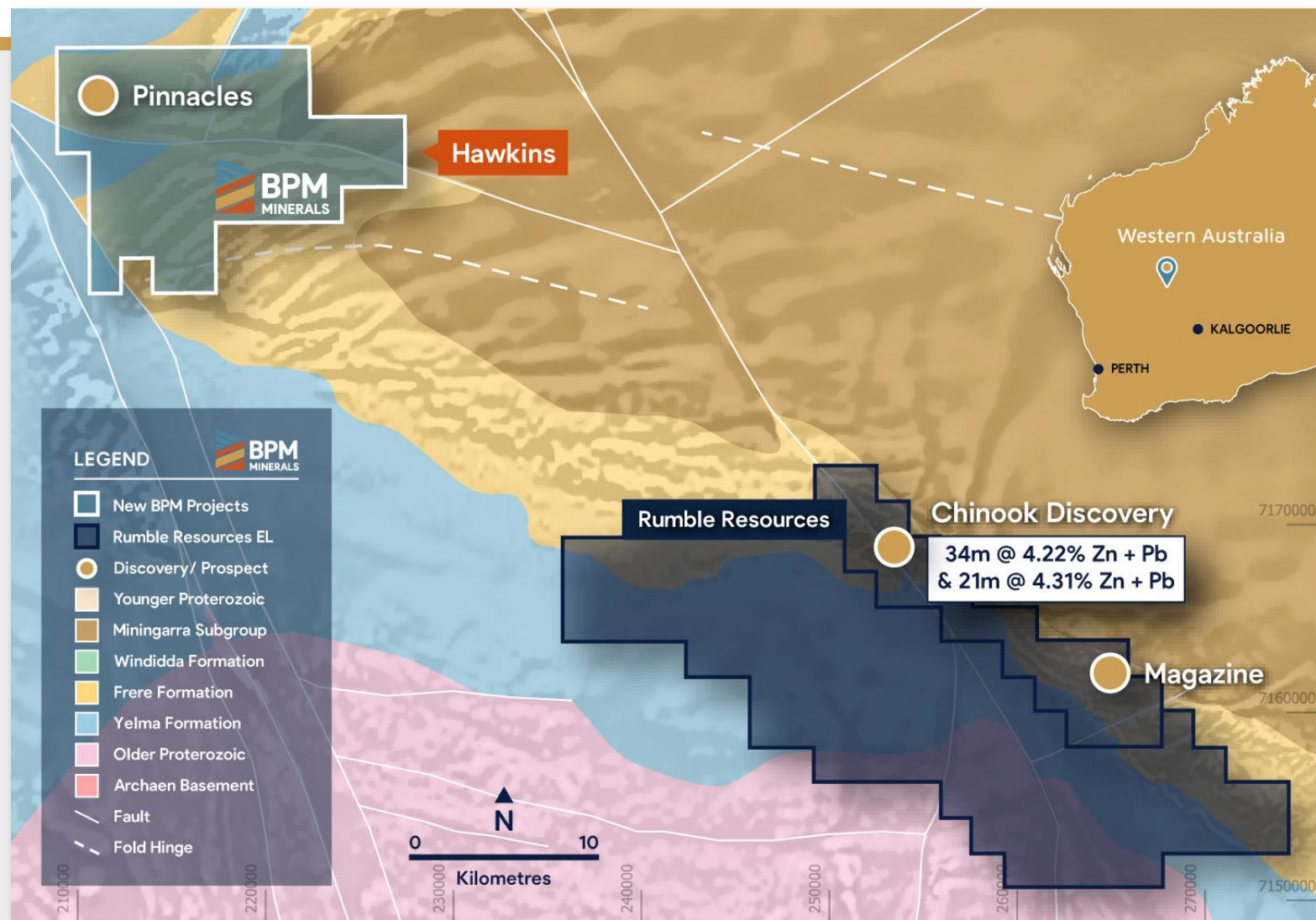
- RTR results confirm a SEDEX-type deposit, usually found in multiple basin locations
- Recent Iroquois discovery by STK (23m @ 5.5% Pb+Zn<sup>1</sup> deeper within basin highlighting the potential of the basin for further discoveries<sup>1</sup>



# HAWKINS PROJECT

## SETTING & HISTORICAL EXPLORATION

- Flagship BPM Project
- Prospective for both Chinook style Frere-Yelma unconformity mineralisation and Iroquois-style carbonate hosted mineralisation
- Peak historical result (RGC Exploration 1990's) from Pinnacles Prospect returned 2m @ 0.25% Zn and 0.31% Pb (HRC12)<sup>1</sup>
- Aeromagnetic interpretation has identified 17 litho-structural targets associated with key fundamental structures
- Review of historical VTEM data has identified several conductive anomalies potentially related to sulphide accumulations
- Earacheedy Lead-Zinc potential bolstered by recent Strickland Metals (ASX:STK) high-grade Zn-Pb discovery with new Iroquois mineralised stratigraphic horizon found deeper in the system



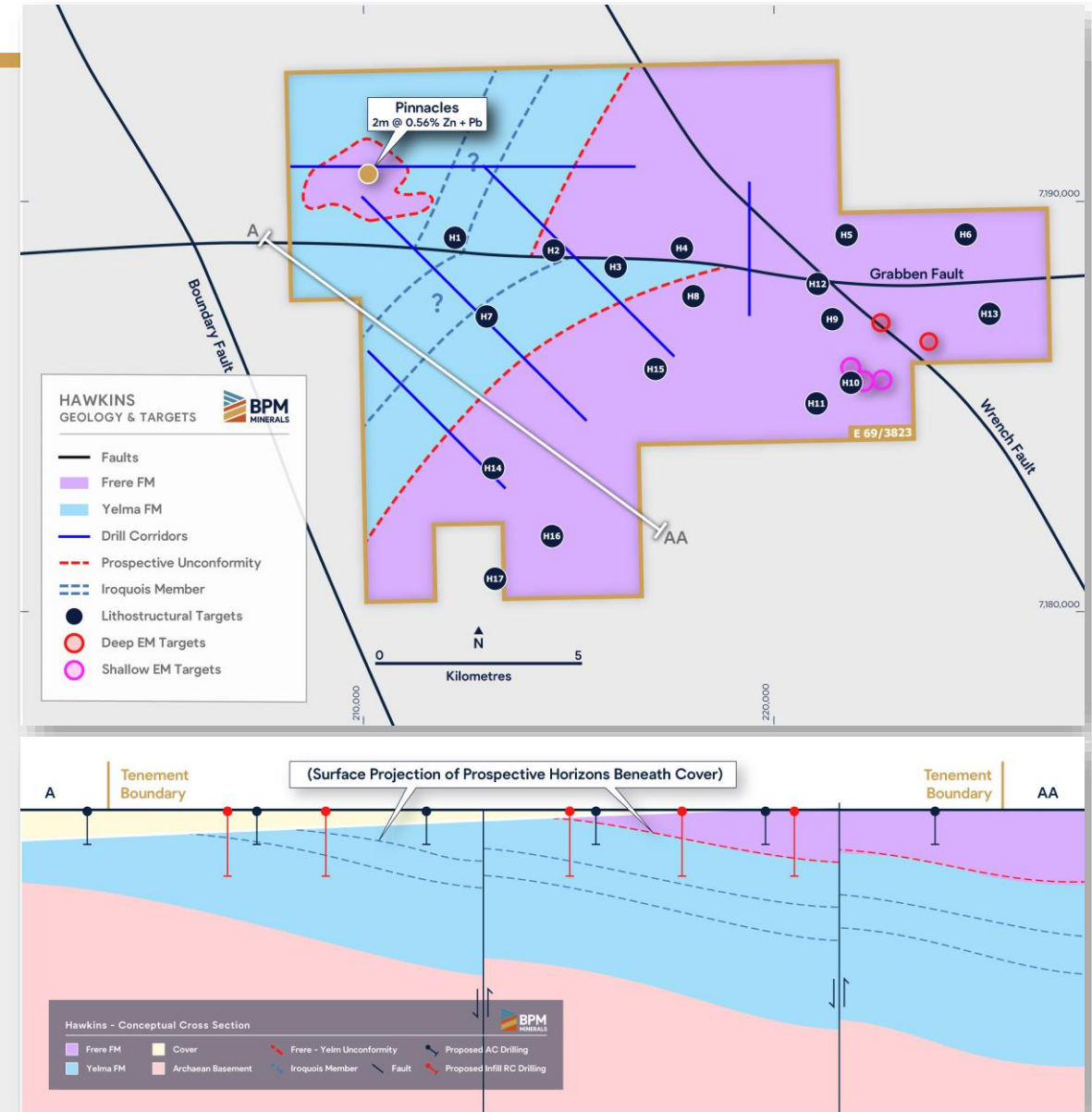
<sup>1</sup>ASX Announcement - BPM to acquire three projects in the Earacheedy basin and complete placement [19 May 21]



# HAWKINS DRILLING PROGRAM

## DRILLING IMMINENT

- 7,500 metre AC-RC drilling imminent ~40km of prospective strike for both Chinook and Iroquois style mineralisation
- Heritage Survey completed with no substantial changes expected for the upcoming drill campaign and all planned AC/RC drill holes expected to be Completed
- Five exploration corridors were ethnographically cleared, providing BPM with flexibility to target prospective structures and lithological units while drilling
- Review of historical VTEM data has identified several conductive anomalies potentially related to sulphide accumulations
- Earraheedy Lead-Zinc potential bolstered by recent Strickland Metals (ASX:STK) high-grade Zn-Pb discovery with new Iroquois mineralised stratigraphic horizon found deeper in the system



# 3 DISCOVERY-READY PROJECTS

Groundwork completed paving way for thousands of metres of drilling in 2022

## 1. SANTY GOLD PROJECT

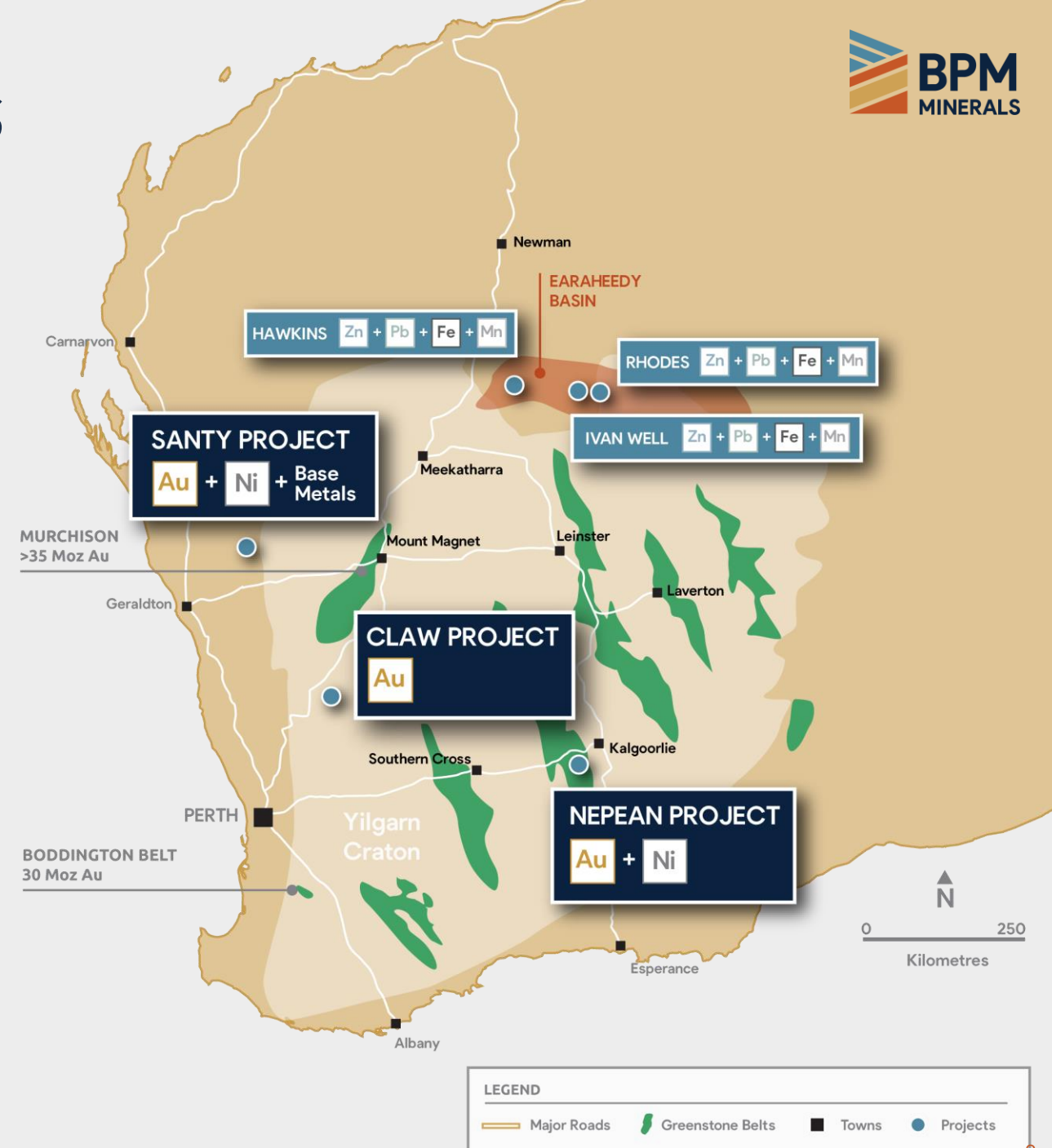
- Phase-1 aircore drilling outlined 2.2km-long gold anomalous zone
- BPM is drilling Hawkins and Santy back-to-back with the same drill contractor

## 2. NEPEAN NICKEL-GOLD PROJECT

- 3,000m of AC drilling completed at the Nepean Nickel Project
- Drilling was designed to test the surface projection and position of 11 EM conductors
- Assays pending

## 3. CLAW GOLD PROJECT

- Aeromagnetic Survey completed with interpretation and targeting being undertaken by Dr Barry Murphy (ASX:PDI)
- Claw expected to be granted in early-May 2022





# SANTY PROJECT

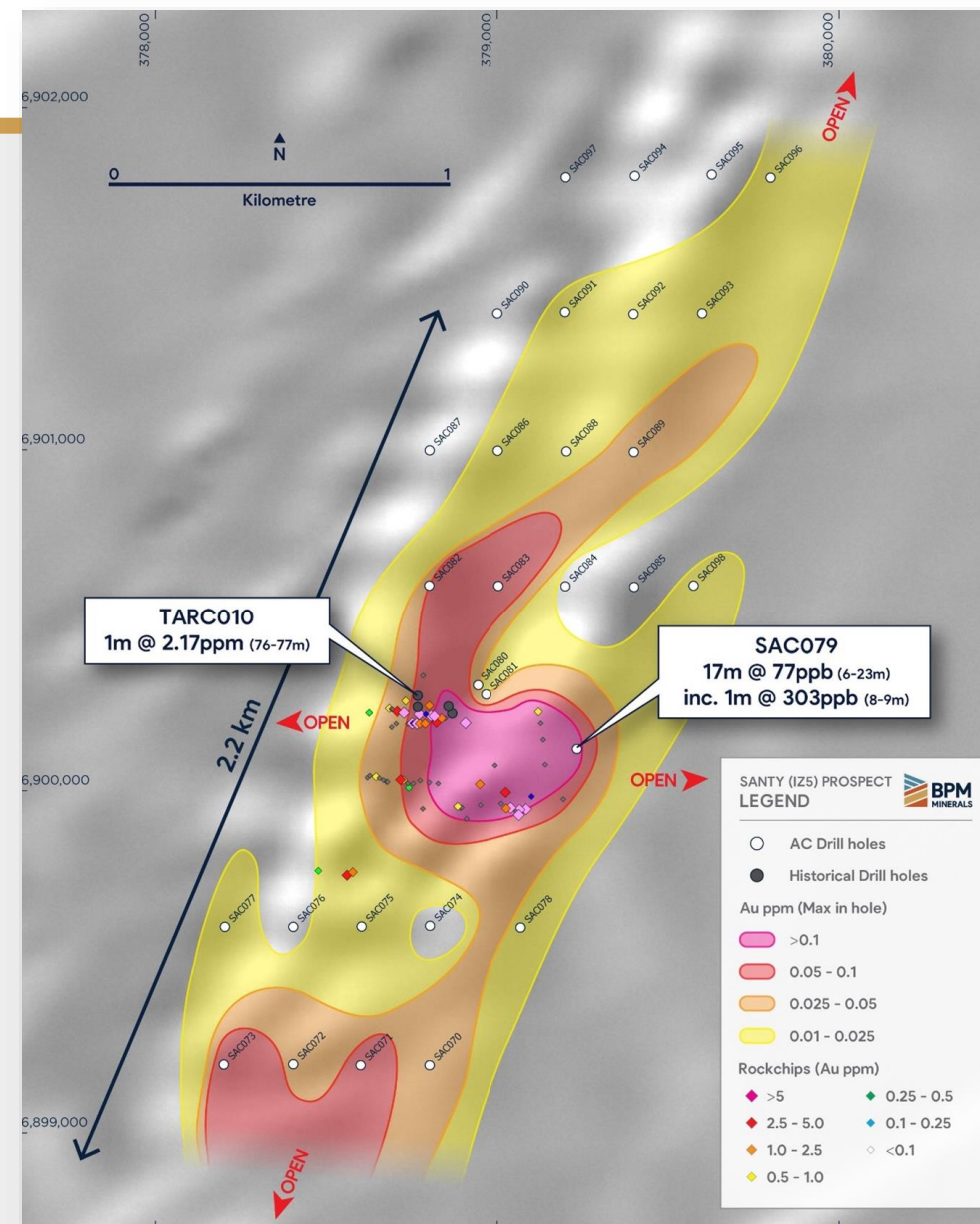
## Phase-1 Drilling Completed, Results Imminent

### TENURE AND GEOLOGICAL SETTING

- 663km<sup>2</sup> project area
- Located in the Talling Greenstone belt
- 80% of Project area under cover

### EXPLORATION AND PLANNED WORK

- Phase-1 AC drill program completed, outlining a 2.2km-long gold anomalous zone
- Chip logging confirmed important geological features, including wide zones of sulphides, comparable to adjacent gold projects within the Santy Gold Project area
- Encouragingly, with most of the Santy Project under a complex sequence of cover, gold mineralisation was intersected in both weathered and fresh rock
- Drilling at UM1 intersected anomalous levels of Nickel, Cobalt and Platinum Group Elements (PGE's), highlighting the potential for Julimar-style ultramafic intrusive mineralisation



<sup>1</sup>Source (Diagram): ASX Announcement - Santy Aircore Results Define 2.2km-Long Gold Anomaly (25 November 2021)

# SANTY PROJECT

Phase-2 in 2022

## PLANNED WORK

- Detailed drone magnetic survey - January 2022 (IZ5, IZ6, Z7 & IZ8 prospects)
- Heritage Survey - Feb 2022
- **Phase 2 AC drilling** - Q2 2022 (120 AC holes for 5,000m)
- **RC Drilling** - Q4 2022

*"Our work at Santy is just in its infancy, but we are excited by the opportunity and believe the Project has all the hallmarks for a potential gold discovery"* - **BPM CEO Chris Swallow**





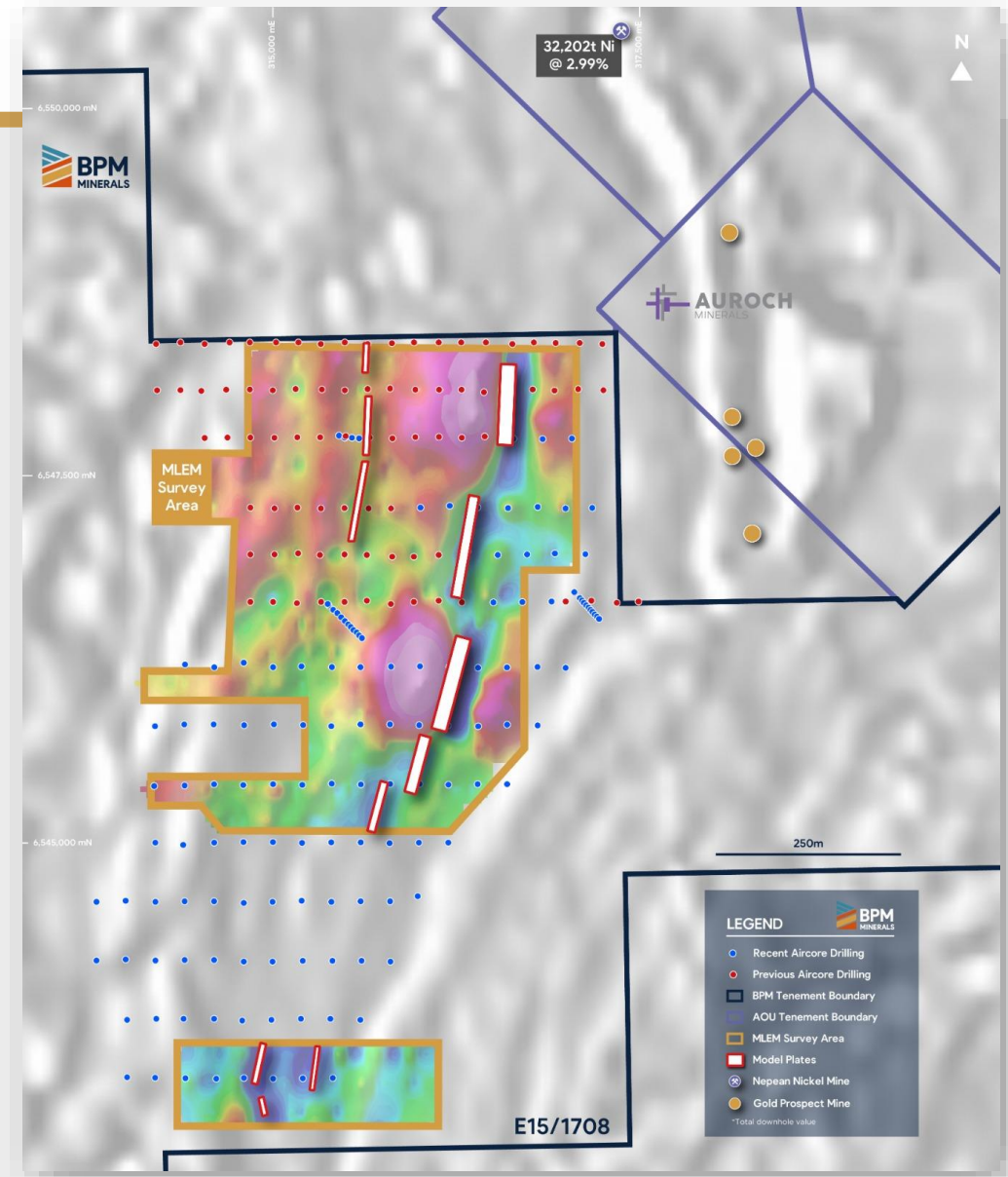
# NEPEAN PROJECT

Less than 2km from world-class nickel mine

## DRILL READY TARGETS FALLING OUT OF INITIAL WORK

- 42 AC holes (totalling 1,887m) were recently completed with 426 samples delivered to the laboratory for assay
- The program was designed to:
  - provide geological and geochemical context to a number of conductors identified from a MLEM survey completed earlier in the year and;
  - aid with the prioritisation of the conductors for testing using RC/DD drilling later this year
- Assays expected in 10-12 weeks
- Located <2km south of the historic Nepean nickel Mine (ASX: AOU) that produced 32,303 tonnes of mined nickel at an average recovered grade of 2.99% nickel<sup>1</sup>
- Nepean Project underlain by geology similar to the Nepean Nickel Mine - Prospective for both greenstone-hosted gold deposits and nickel sulphide deposits.

<sup>1</sup> AOU Announcement - Intersections of over 5% Ni extend high-grade mineralisation at Nepean (15 Feb 2021)

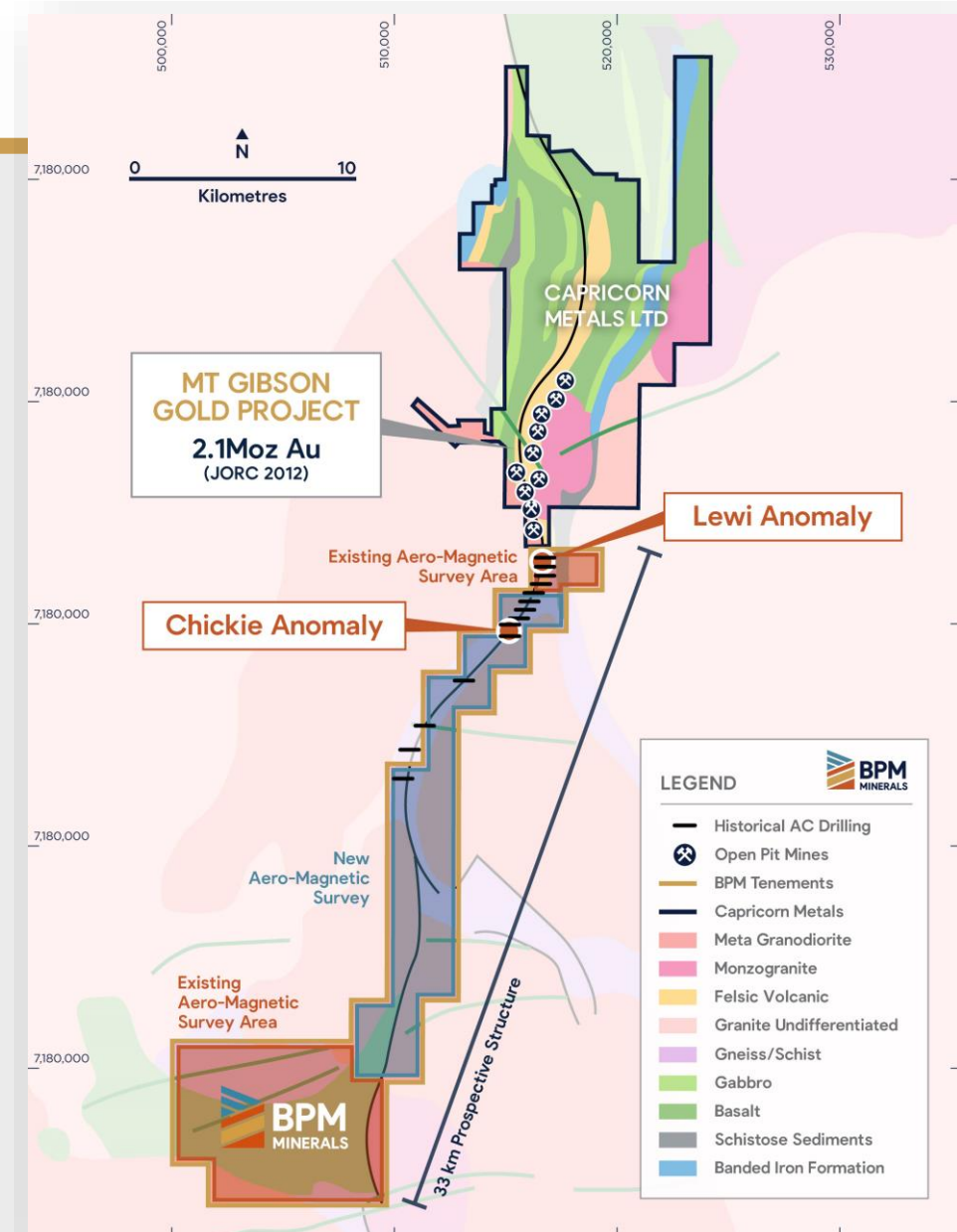


# CLAW PROJECT

Abutting Australia's newest 2Moz Gold Project

## TENURE AND GEOLOGICAL SETTING

- 134km<sup>2</sup> project area
- 33km of prospective strike
- 80% of tenement area regolith covered with limited previous exploration
- Review of historical open file drill data identified two drill-ready gold anomalies - Chickie and Lewi
- Capricorn Metals (ASX: CMM) recently acquired Mt Gibson and updated the Inferred Mineral Resource Estimate now 79.7Mt @ 0.8g/t Au for 2.1 Moz Au<sup>1</sup>
- Proposed Mt Gibson pit wall <1km from northern boundary
- Southern extension of the Mt Gibson shear zone interpreted via magnetics to continue into license area



<sup>1</sup> CMM ASX Announcement - Capricorn acquires 2.1 million ounce mt gibbon gold project [28 July 2021]



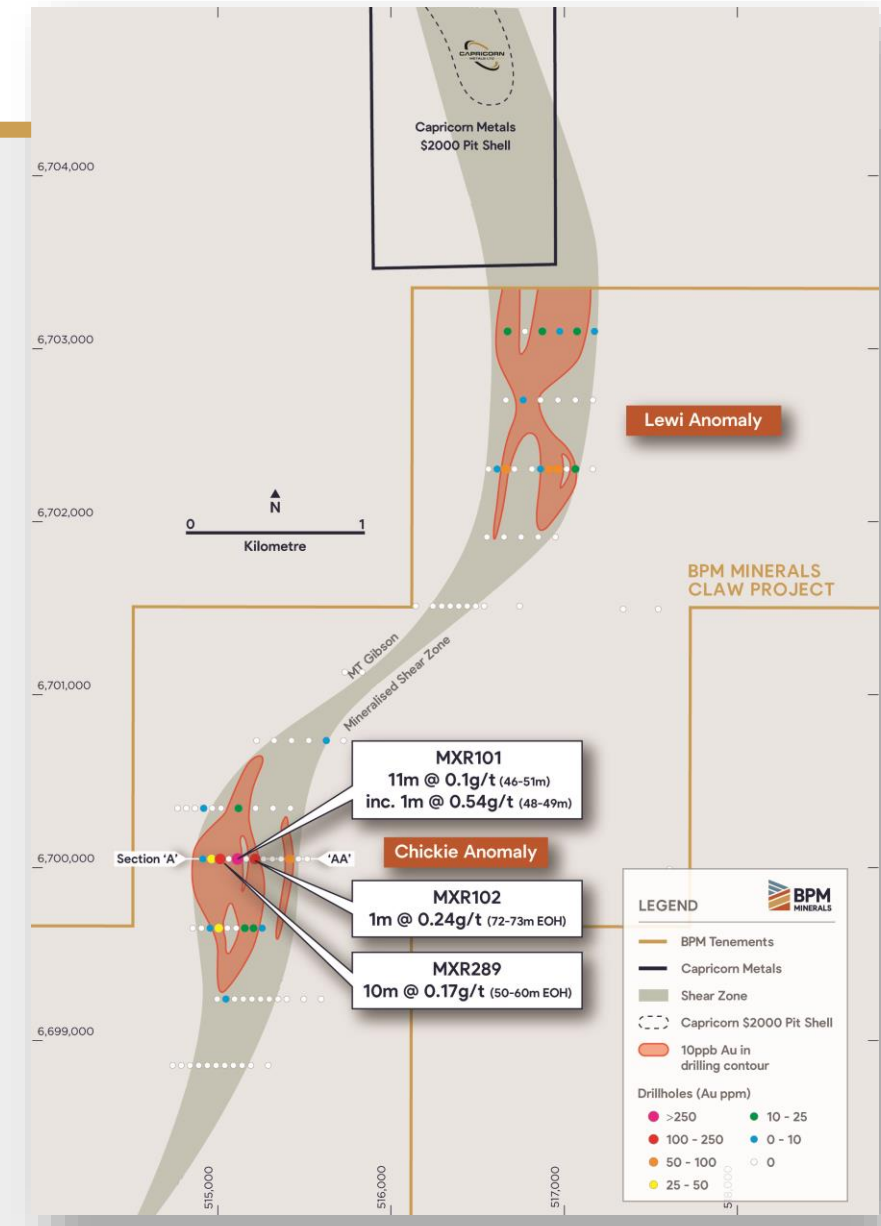
# CLAW PROJECT

## Chickie and Lewi drill-ready gold anomalies identified

- **Chickie** - 1,000m x 500m ready-to-drill gold-in-regolith anomaly with gold identified in the underlying fresh rock
- **Lewi** - 1,200 x 400m gold-in-regolith anomaly located on the northern margin of the Project, open towards the Mount Gibson Gold Project
- Aeromagnetic survey completed December 2021

### PLANNED EXPLORATION

- Geochemical surveys to commence upon tenement grant in Q2 2022



# 2022: Drilling, Drilling, Drilling...and more Drilling

	Q1	Q2	Q3	Q4
Hawkins (Pb-Zn-Ag)	Tenement Grant, Heritage survey	Aircore drilling (7,500m)	Assays	
	Heritage survey		RC Drilling (5,00m)	
	Target Generation (Mapping, Sampling)			
Santy (Au)	Heritage survey	Phase-2 AC drilling (5,000m)	Assays	RC Drilling
Nepean (Ni-PGE's)	MLEM Results + infill MLEM	Target Generation and analysis	Drilling (2,500m)	
Claw (Au)	Tenement Access Agreement and soil sampling			Aircore drilling (5,000m)





# WHY INVEST

## OUR BELT AND BASIN EXPOSURE WITH DRILLING IMMINENT ACROSS THREE EXCITING PROJECTS



### FOUR LIVE AND DISCOVERY-READY PROJECTS

Exposure to Pb-Zn-Au-Ni-Cu in one of the world's great mineralised jurisdictions



### BASINS, GREENSTONE BELTS AND NOTABLE NEIGHBOURS

Projects located within the Earaheedy Basin, Murchison and Eastern Goldfields greenstone belts, close to historic and producing mines



### EXPLORATION FOCUS

Phase-1 exploration programs completed at Nepean, Santy with assay's pending. New program at Hawkins to drive newsflow



### FUNDED TO DRILL

Board and Management comprised of exploration professionals, with experience discovering and funding resource projects globally



### 2<sup>ND</sup> YEAR IMPACT

Exploration programs underway across the Earaheedy, Murchison and Eastern Goldfields





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