

# Great Western

Exploration

ASX:GTE

## DRILLING GIANT TRANSFORMATIONAL TARGETS

INVESTOR PRESENTATION

NOVEMBER 2023

# CORPORATE SUMMARY

## BOARD & MANAGEMENT

### KEVIN SOMES

Non-Executive Chairman

### SHANE PIKE

Managing Director

### ROSS WILLIAMS

Non-Executive Director

### GREY EGERTON-WARBURTON

Non-Executive Director

### TONY WALSH

Company Secretary

## CAPITAL STRUCTURE



**252,698,117**

Shares on issue



**\$0.04**

Share price @ 20/11/2023



**\$2.0M<sup>1</sup>**

Cash



**\$10.1M**

Market capitalisation @ 20/11/2023



**10,200,000**

Options on issue<sup>2</sup>

1. As at 30 September 2023.
2. 1.2M 29 December 2023 31¢ ESOP options, 2.75M 31 March 2024 37¢ ESOP options, 1.25M 31 March 2024 52¢ ESOP options and 5M unlisted 20/5/27 ZEPO incentive options.



# INVESTMENT HIGHLIGHTS

## GREAT WESTERN EXPLORATION (ASX: GTE) – DRILLING GIANT TRANSFORMATIONAL TARGETS



**GREENFIELDS EXPLORATION  
WITHIN TIER 1 JURISDICTION**



**DISCOVERY-FOCUSED:  
MULTIPLE DRILL READY  
TARGETS**



**DISCOVERY STRATEGY  
UNDERPINNED BY TECHNICAL  
& CORPORATE DISCIPLINE**

### LARGE LAND HOLDING IN PREMIER REGION

- Over 5,000km<sup>2</sup> of tenure in proven fertile geological belts.
- Greenfields exploration projects within world class yet underexplored, West Australian mineral districts .

### HIGHLY PROSPECTIVE DRILLING TARGETS

- Upcoming drilling at four high-priority targets to generate continuous news flow:
  1. Yerrida North - Oval & Oval South.
  2. Firebird.
  3. Fairbairn.
  4. Yandal West - Barwidgee Fault.

### LEVERAGED TO DISCOVERY SUCCESS

- Technically disciplined regional field programs.
- Very low corporate overheads and administration costs: over 70% of funds go into the ground.
- Supportive major shareholders and tight capital structure: GTE highly leveraged to exploration success.

# GREAT WESTERN PROJECT OVERVIEW

## FOUR PRIORITY PROJECTS

### 1. YERRIDA NORTH PROJECT (COPPER-GOLD)

Giant transformational Oval and Oval South Winu Style intrusive related copper-gold targets.

### 2. FIREBIRD PROJECT (GOLD)

Significant results received from maiden RC drilling programme, with results open up to two kilometres

### 3. FAIRBAIRN PROJECT (COPPER)

Large De Grussa style VHMS targets defined from Fixed Loop Electromagnetic Survey, within 80-190m from surface.

### 4. BARWIDGEE FAULT AT YANDAL WEST PROJECT (GOLD)

Significant high-grade results from Archean Greenstone, which are open up to two kilometres south and 650m north.

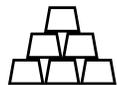


# YERRIDA NORTH COPPER-GOLD PROJECT

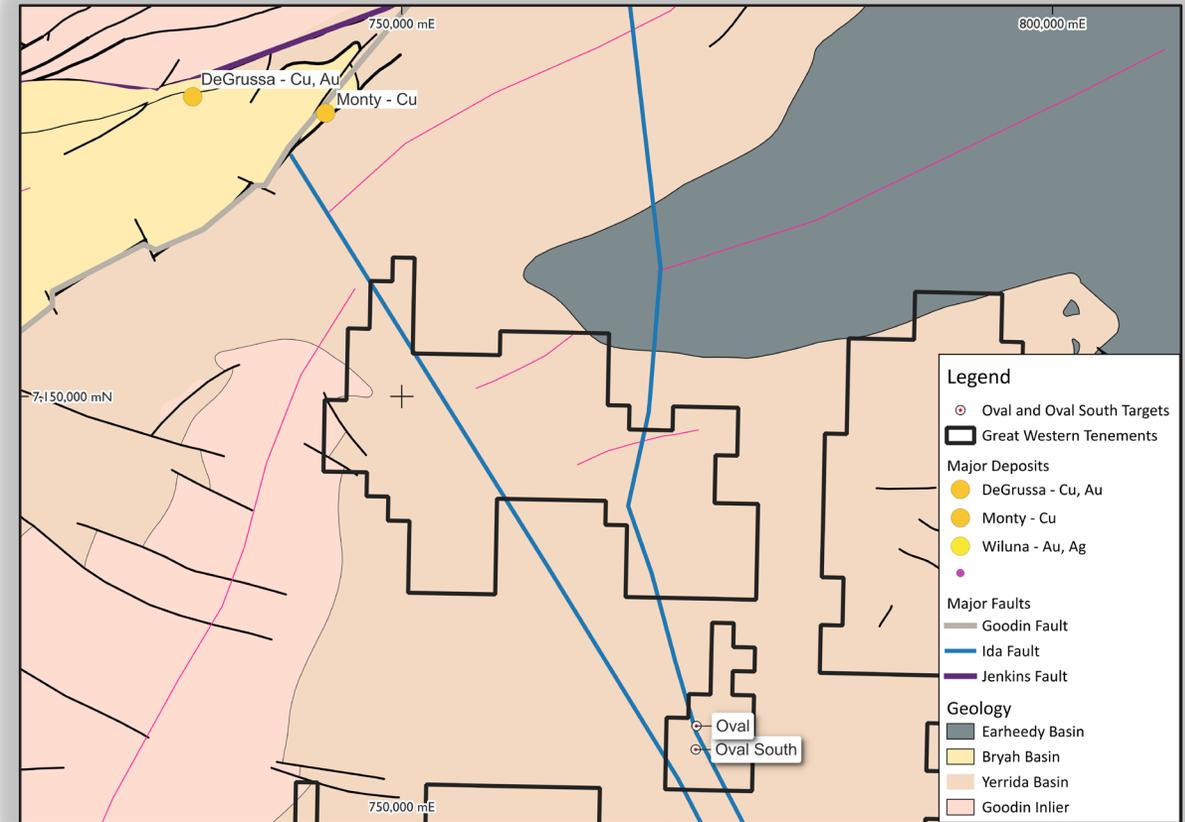
## TWO GIANT COPPER-GOLD TARGETS IDENTIFIED: OVAL AND OVAL SOUTH

### OVERVIEW

- Coincident gravity and electromagnetic (EM) anomalism.
- Located on major crustal scale mantle tapping fault.
- Deep magnetic anomalism adjacent; interpreted to represent buried intrusion feeding mineral system.
- Favourable stratigraphy for **intrusive related copper-gold deposit formation**.



**POTENTIAL COLOSSAL SIZE  
WINU/HAVIERON STYLE COPPER-GOLD  
DISCOVERY TO BE MADE**



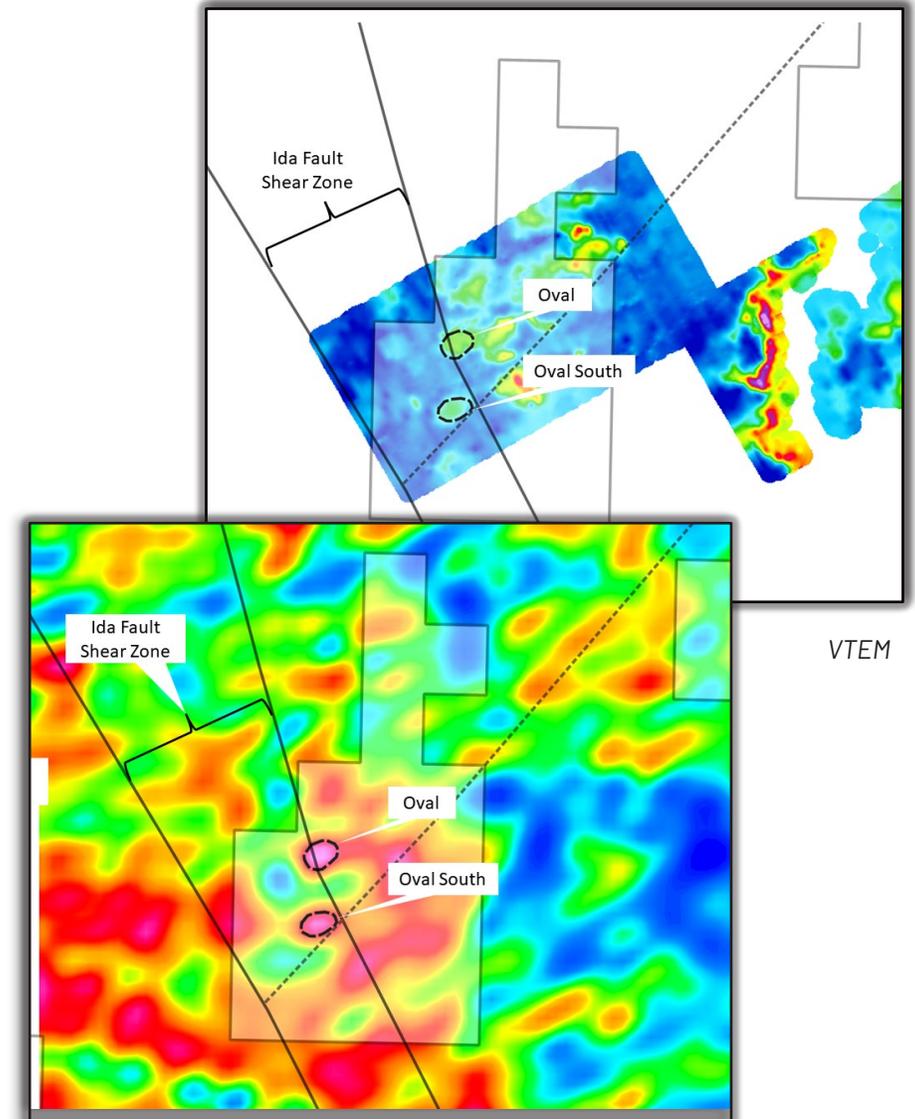
*Location of the Oval and Oval South Targets and Great Western Tenements within the Yerrida Basin, and proximity to the DeGrussa and Monty Deposits in the nearby Byrah Basin*

# YERRIDA NORTH – OVAL AND OVAL SOUTH

## WINU/HAVERION STYLE INTRUSIVE RELATED COPPER-GOLD MINERALISATION INTERPRETED TARGETS

Oval and Oval South Targets represent a significant discovery opportunity based on the following:

- **Co-incident gravity and EM anomalies** – potentially representing obscured metal rich sulphide mineralisation.
- **Co-incident magnetic anomalism** representing a deep intrusive providing mineralised fluids and heat source – heat and fluid “engine” – for mineral system.
- **Favourable stratigraphy** for intrusive related copper-gold mineral systems.
- **Proximity to the crustal scale Ida Fault** – a proven fertile conduit for metal rich mantle fluids and **position of Oval and Oval South** within an east-west intrusive corridor – potential zone of weakened crust makes an **ideal trap site for metal accumulation**.
- **Potential colossal discovery to be made.**

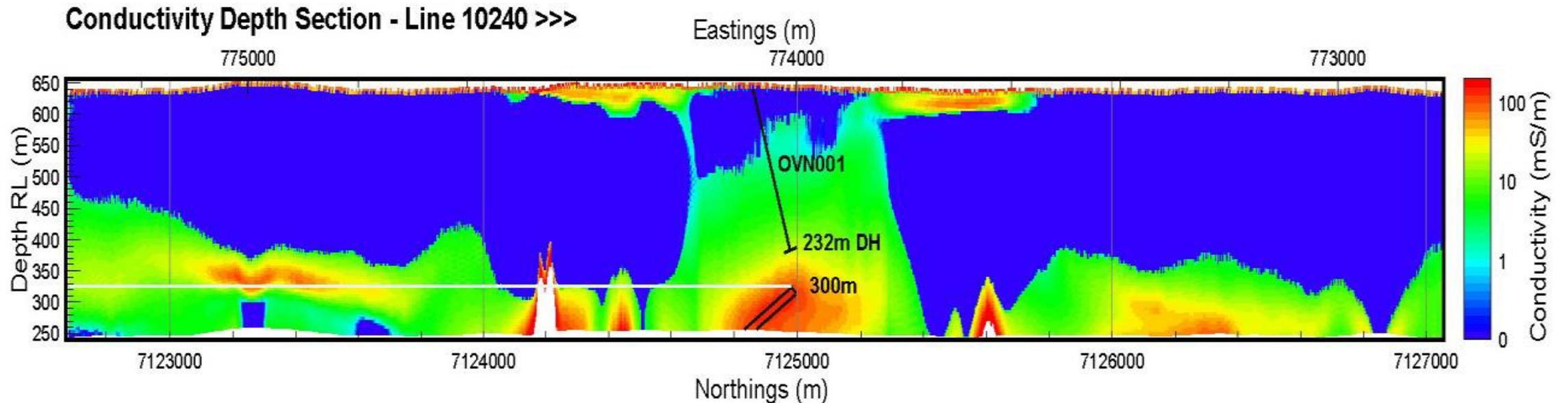


Gravity gradiometry

# YERRIDA NORTH – OVAL AND OVAL SOUTH

## LARGE MODELLED CONDUCTOR – TO BE EFFECTIVELY DRILL TESTED

- Oval target originally defined by Rio Tinto TEMPEST electromagnetic (EM) 1990s survey; drilling failed to intersect the conductor.
- 2010 VTEM survey defined the top of target at 300m (below previous drill-hole).
- VTEM represents a compelling discovery target.
- Great Western is in the process of completing access approvals for drilling.



# FAIRBAIRN COPPER PROJECT

## THREE LARGE DEGRUSSA-STYLE COPPER TARGETS DEFINED

100% owned, large 960km<sup>2</sup> strategic land position within the Yilgarn Craton



### THREE LARGE BEDROCK CONDUCTORS IDENTIFIED

Modelling of a Fixed- Loop Electromagnetic (FLEM) survey identified three isolated and discrete bedrock conductors.



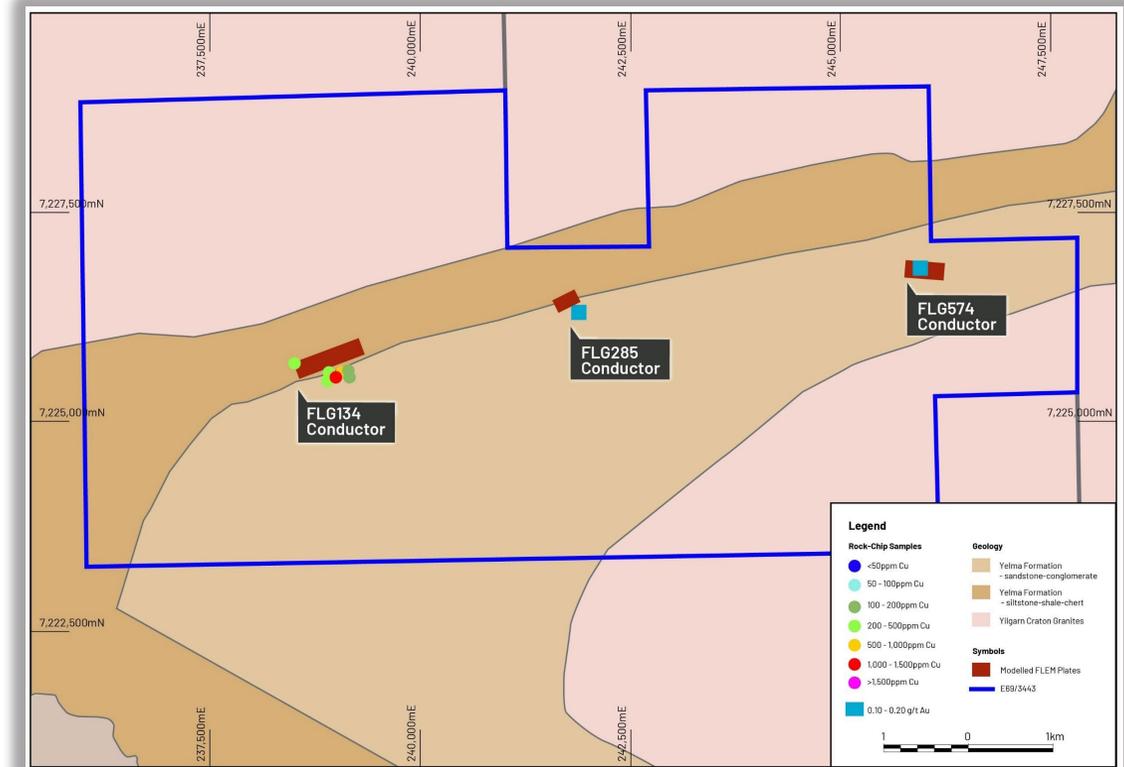
### DEGRUSSA-STYLE COPPER DRILL TARGETS

Analysis of geological and anomalous surface sample results interprets conductors represent blind De Grussa Style VHMS mineralisation targets.



### DRILLING TO COMMENCE IN Q1 2024

Great Western plans to drill test these targets in March 2024, once final access approvals are in place.



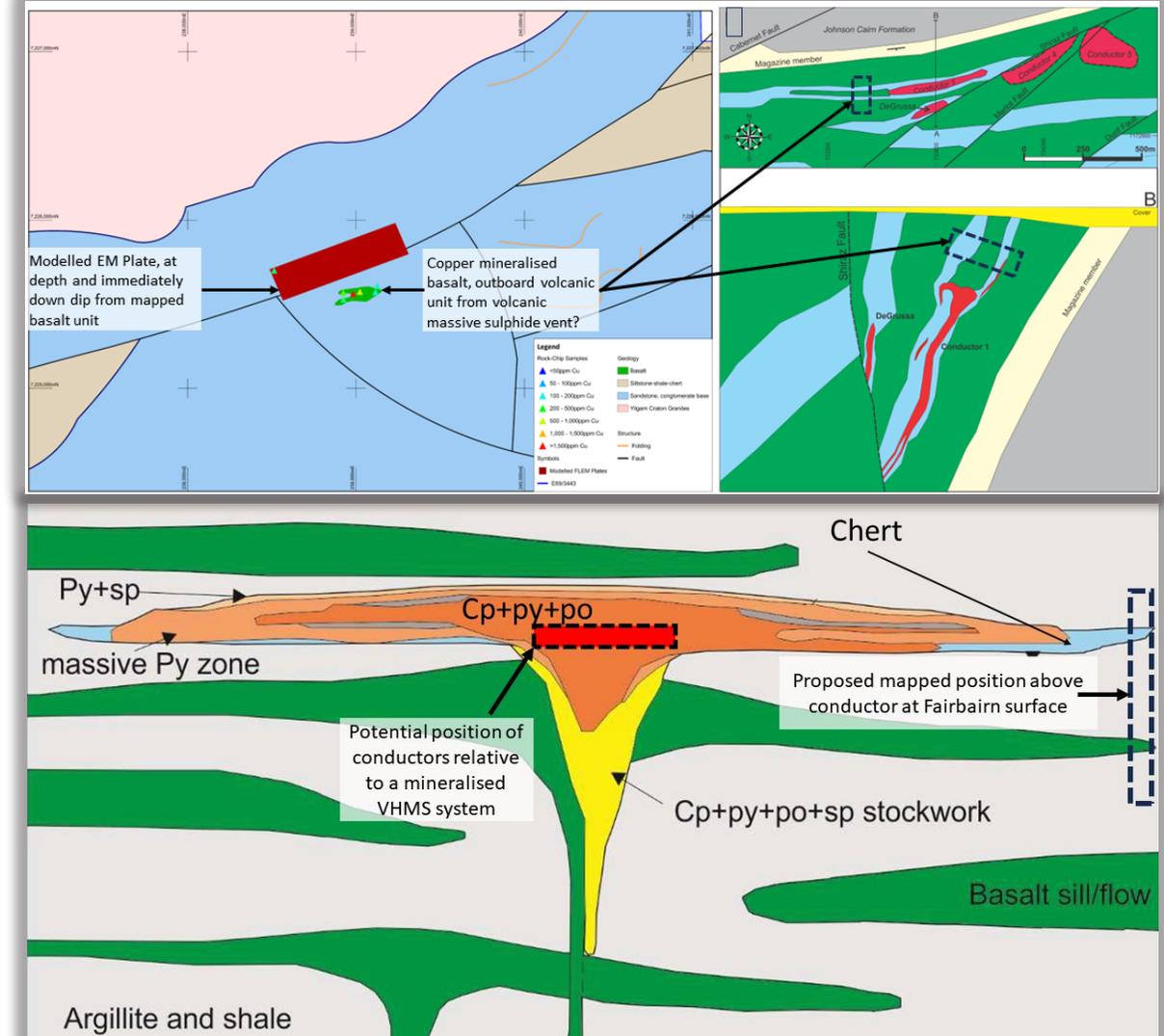
Plan location of modelled FLEM conductors FLG134, FLG285, and FLG574.

# FAIRBAIRN COPPER PROJECT



## 3 BEDROCK CONDUCTORS IDENTIFIED CLOSE TO SURFACE

- Conductors were modelled between **80 - 190m below surface**.
- The FLEM data displayed exponential conductivity decay; interpreted to be potential sulphide mineralisation.
- Rock-chip sampling of the up-dip projection of conductors returned **anomalous copper (peak result 0.19% Cu)** and **gold assays (0.15g/t and 0.12g/t)**
- Geological mapping concluded stratigraphic position of conductors represent a De Grussa style VHMS copper-gold targets.



Proposed position of mapped units at Fairbairn and defined EM conductor relative to schematic VHMS mineralised system (after Hawke, 2016)

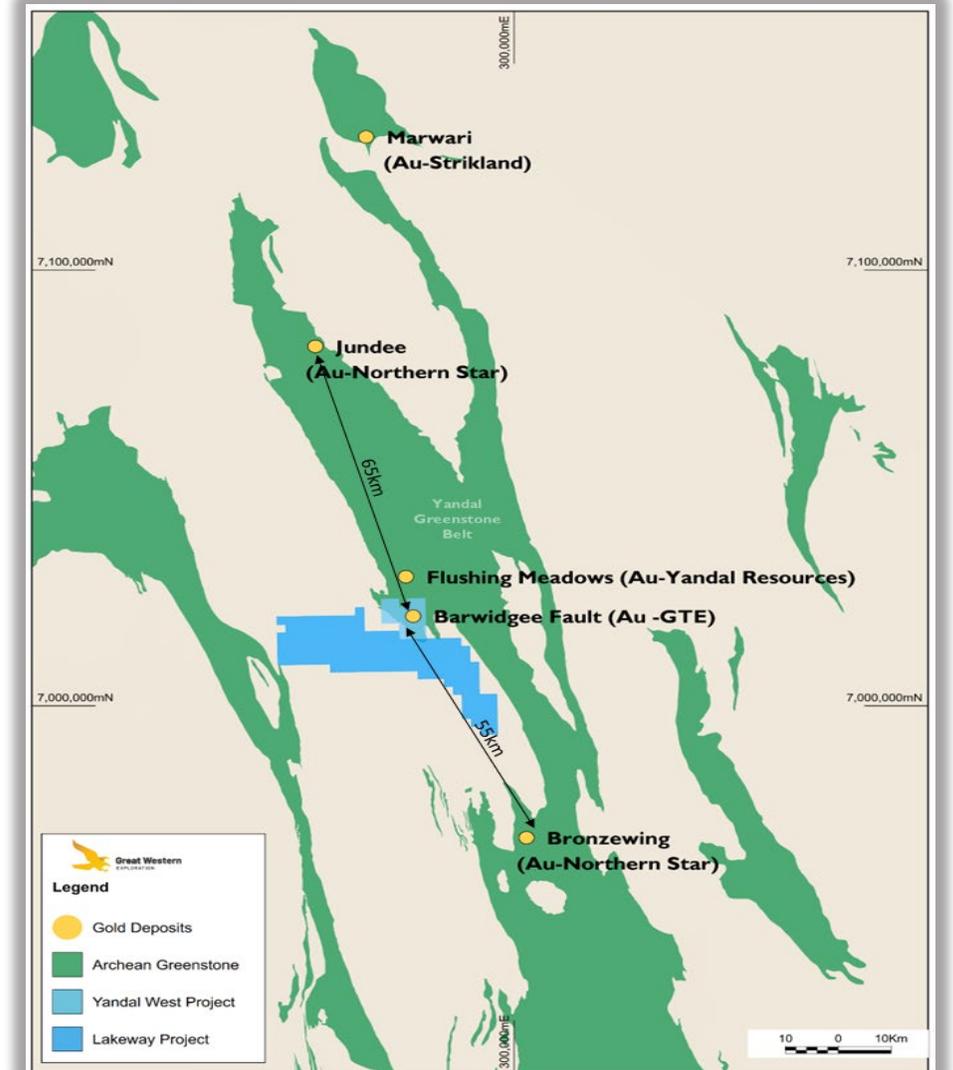
# BARWIDGEE FAULT – YANDAL WEST GOLD PROJECT



## PROOF OF CONCEPT DRILLING RETURNED HIGH-GRADE ASSAYS - RESULTS OPEN UP TO 2 KILOMETRES

### OVERVIEW

- Proof of concept drilling of four holes completed testing fertility of Barwidgee Fault.
- **Significant results returned** from drill-hole 23YWRC023 :
  - **4m @ 9.00g/t Au** from 39m, and
  - **7m @ 1.02g/t Au** from 23m.
- Barwidgee Fault: hosted by the Yandal Greenstone Belt and **situated halfway between multi-million-ounce deposits Bronzewing and Jundee.**
- Results confirm the fault's potential to host major gold mineralisation.
- Significant results open up to two kilometres to the south and 650m to the north.



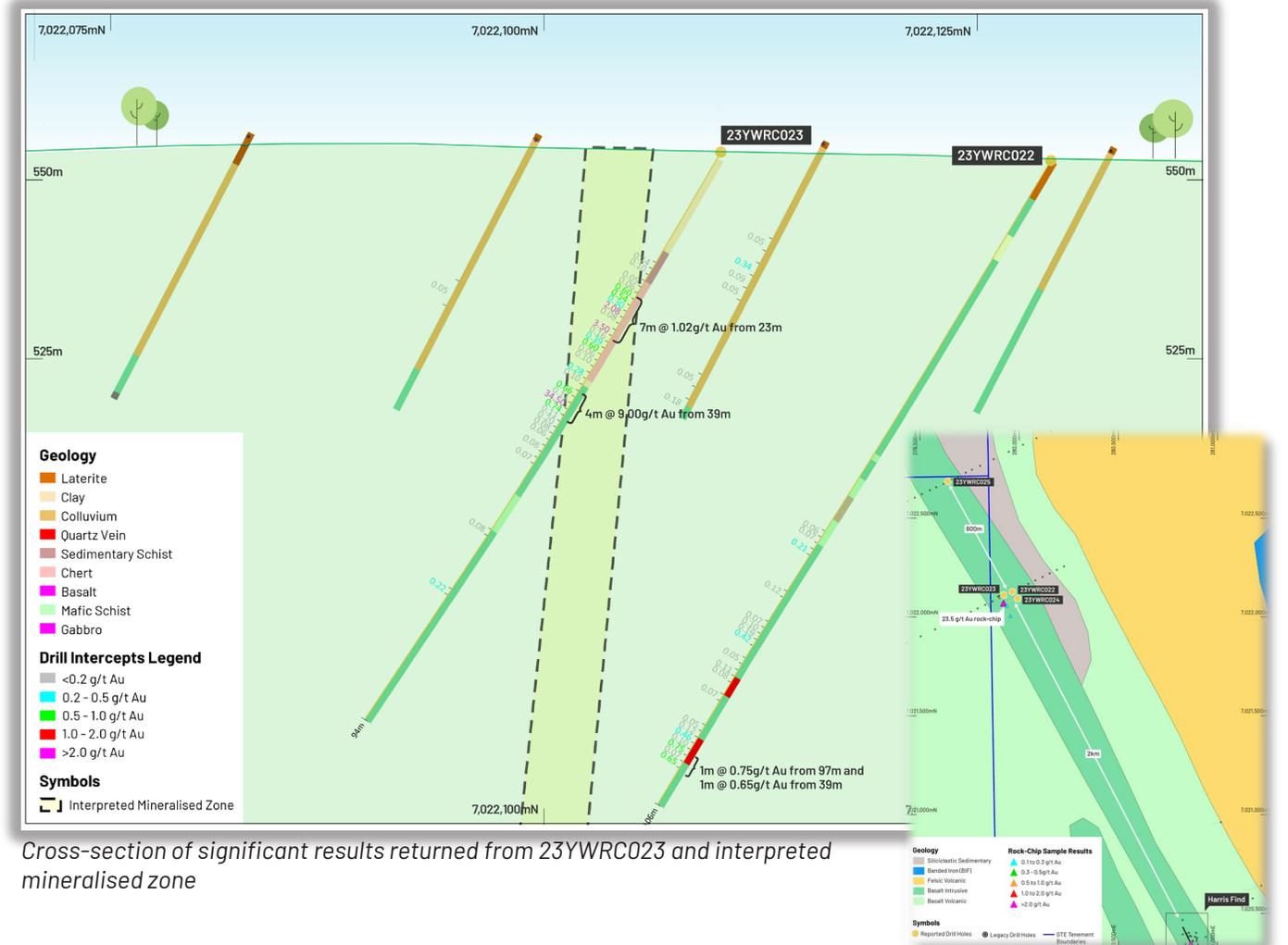
Location of the Yandal West Project in relation to the Jundee and Bronzewing Gold Deposits

# BARWIDGEE FAULT – YANDAL WEST GOLD PROJECT



## DRILLING PLANNED TO FOLLOW UP HIGH-GRADE GOLD RESULTS

- Mineralisation interpreted to dip steeply to the west.
- Orientation of mineralisation not effectively tested by legacy RAB holes.
- Three of the four proof of concept holes likely missed mineralised zone.
- Significant results open up to two kilometres.
- Further drilling to test the southern and north extents of structure planned early 2024.



Cross-section of significant results returned from 23YWRC023 and interpreted mineralised zone

Location of significant assays from 23YWRC023 and high-grade rock-chip sample.

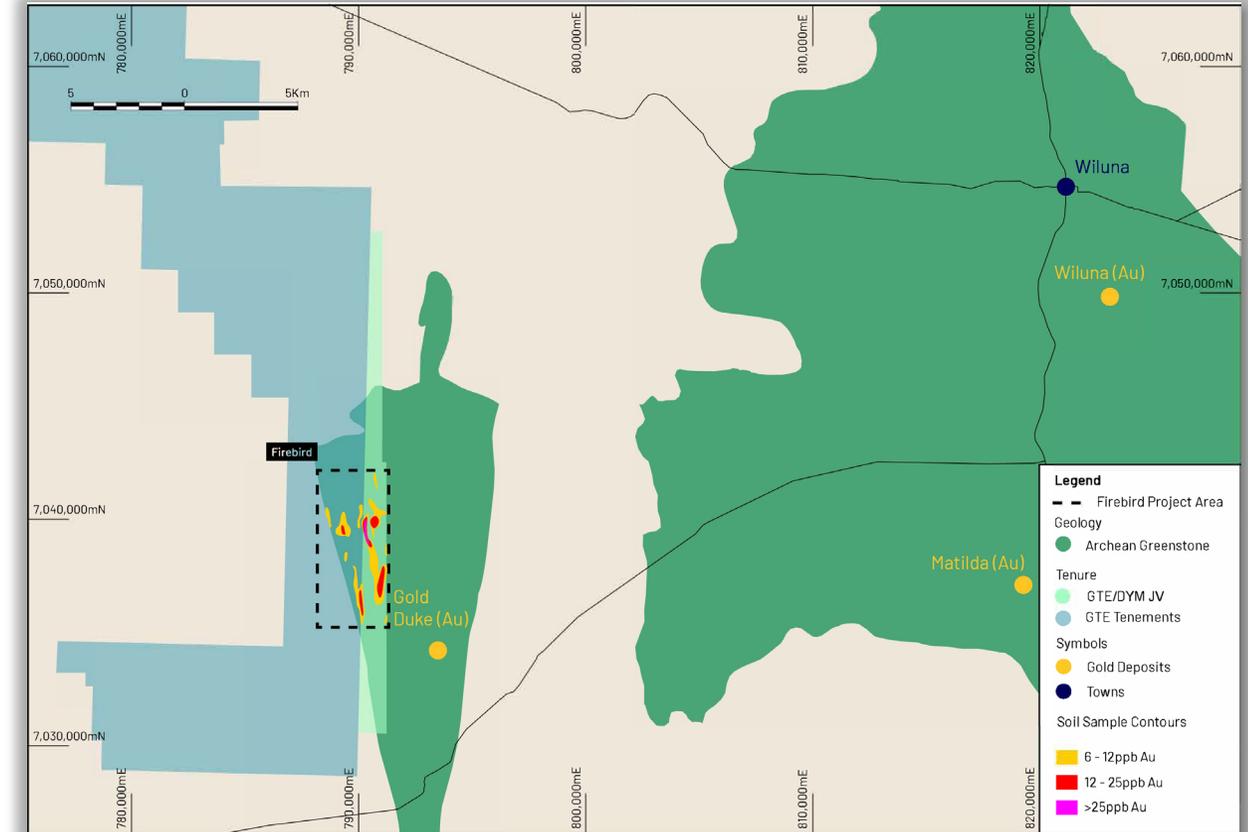
# FIREBIRD GOLD PROJECT

(GTE 100% and 80%\*)



## MAIDEN RC PROGRAMME RETURNED SIGNIFICANT ASSAYS: RESULTS OPEN UP TO 2KM

- Extensive 3.7km x 450m soil anomalism, 2.5km west of Western Gold's multiple mineral resources reported to the JORC 2012 Code.
- Hosted by Archean Greenstone.
- Aircore drilling through shallow cover and oxidation confirmed anomalism insitu.
- Maiden RC Programme returned significant results, interpreted to have tested fringes of mineralised gold system.
- Very broad spaced drilling, results open up to two kilometres.



Location of the Firebird Project, with the location of the Gold Duke JORC 2012 standard resources located east of the Firebird Project.

# FIREBIRD GOLD PROJECT

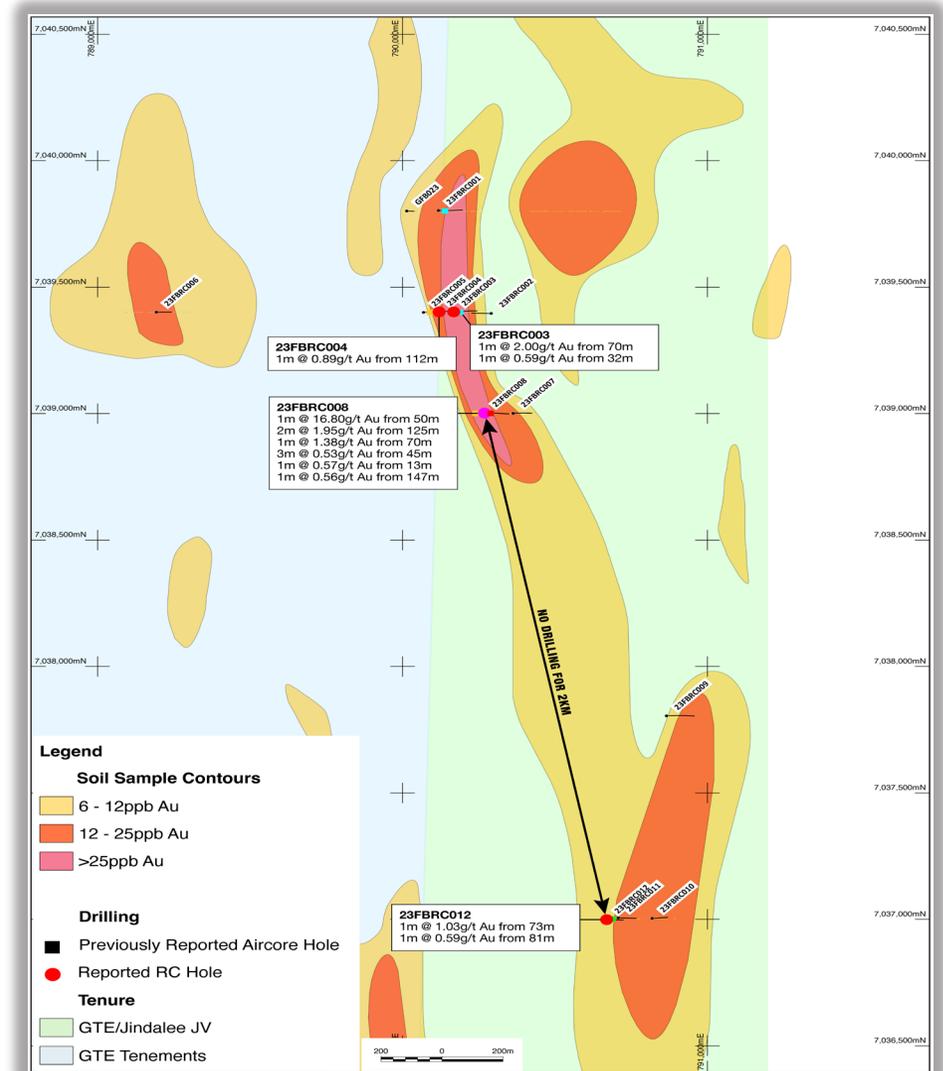
(GTE 100% and 80%\*)

## DRILLING INTERPRETED TO HAVE BEEN HIT THE FRINGES OF A POTENTIALLY LARGE GOLD MINERALISED SYSTEM

- RC drill assay results received included:
  - 1m @ 16.8g/t Au** from 50m (23FBRC008),
  - 1m @ 2.00g/t Au** from 70m (23GBRC003), and
  - 2m @ 1.95g/t Au** from 125m.
- Highest assay results clustered on the southern end of highest soil anomalism; open two kilometres south.
- Multiple intercepts received for 23FCRC008 are interpreted to have drilled the fringes of a potentially large gold mineralised system.**



## FOLLOW UP AIRCORE DRILLING NOW UNDERWAY



Location of reported drill-holes relative to previously reported aircore drilling, overlaid on previously reported extensive soil anomalism. Note the significant gap in drilling between the significant intercepts of drillholes 23FBRC008 and 012.

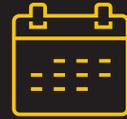
# INVESTMENT SUMMARY

## DRILLING GIANT TRANSFORMATIONAL TARGETS



### WORLD CLASS TENURE PRIMED FOR DISCOVERY

Large land position within prolific regions of Western Australia



### 4 HIGHLY PROSPECTIVE TARGETS TO BE DRILLED IMMINENTLY

- Yerrida North - Oval & Oval South
- Firebird
- Fairbairn
- Yandal West - Barwidgee Fault



### OUTSTANDING SHARE REGISTER

Board, management, and cornerstone shareholders >50%



### VERY LOW CORPORATE OVERHEADS

Disciplined expenditure ensures majority of funds allocated to in-ground exploration





**Great Western**  
EXPLORATION

GREATWESTERNEXPLORATION.COM.AU

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The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr. Shane Pike who is a member of the Australian Institute of Mining and Metallurgy. Mr. Pike is an employee of Great Western Exploration Limited and has sufficient experience which is relevant to the style of mineralisation and type of deposit 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’. Mr. Pike consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The information in this report that relates to the Company’s Exploration Results is a compilation of Results previously released to ASX by Great Western Exploration (22/05/2023, 19/09/2023, 26/09/2023, 5/10/2023, and 4/11/2023) Mr. Shane Pike consents to the inclusion of these Results in this report. Mr. Pike has advised that this consent remains in place for subsequent releases by the Company of the same information in the same form and context, until the consent is withdrawn or replaced by a subsequent report and accompanying consent. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements and that all material assumptions and technical parameters in the market announcements continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person’s findings are presented have not been materially modified from the original market announcements.

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