

# DEFINING A 1.5 MILLION OUNCE HIGH-GRADE GOLD RESOURCE IN WESTERN AUSTRALIA

## SIDE WELL GOLD PROJECT

October 2024 | ASX:GBR

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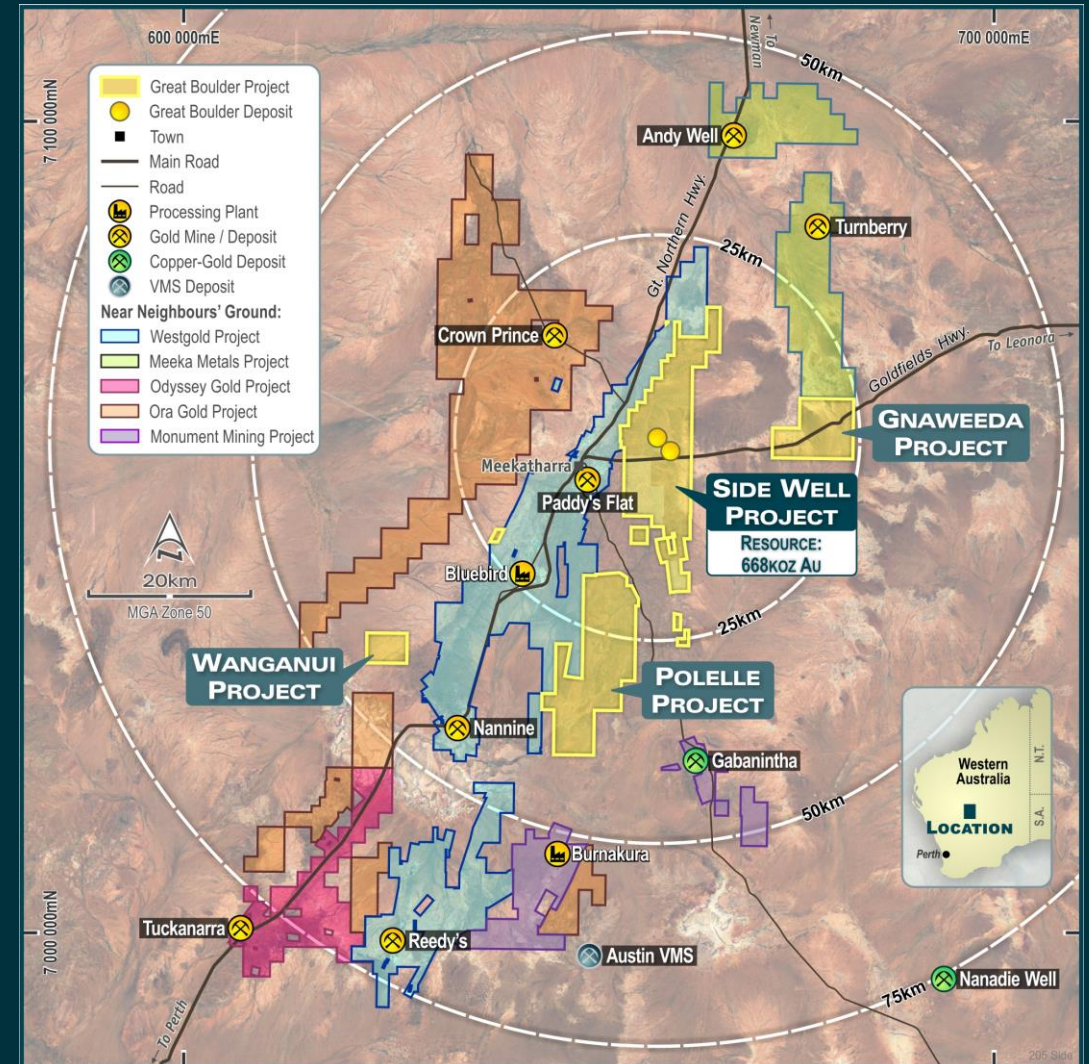
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# MEEKATHARRA GOLD HUB

Defining a new multi-million-ounce gold camp

- Targeting 1.5Moz at Side Well (current MRE 668koz @ 2.8g/t Au)
- High-value ounces close to existing milling infrastructure
  - <25km from Westgold's Bluebird mill (1.8Mtpa)
- Unlocking a large-scale hydrothermal gold camp in a vastly under-explored area

**Great Boulder**  
RESOURCES LIMITED



# CORPORATE OVERVIEW

A well-funded explorer guided by 140 years of exploration experience



## CAPITAL STRUCTURE

606M

SHARES ON ISSUE

ASX: GBR

~\$30M

MARKET CAP

At \$0.05/sh

~\$3M

CASH

As at 30 Jun 24

Nil

DEBT



- Collins St Asset Management & Related Parties (9.2%)
- Cumulus Wealth (8.5%)
- Zebina Minerals Pty Ltd (5.5%)
- Board & Management (2.0%)
- Lion Selection Group (ASX:LSX) (1.7%)
- Other (73.1%)

## BOARD & MANAGEMENT



Greg Hall

Non-Executive Chairman  
- Geologist



Karen O'Neill

Non-Executive Director  
- Commercial



Melanie Leighton

Non-Executive Director  
- Geologist



Andrew Paterson

Managing Director  
- Geologist



Melanie Ross

Company Secretary  
& CFO - Accountant



Daniel Doran

Exploration Manager  
- Geologist

# SIDE WELL

Developing a high-grade stand-alone mining opportunity in the Murchison

## Targeting a 1.5 million-ounce Au resource in 2025

### Side Well snapshot

**JORC Resource**  
**668koz @ 2.8g/t Au<sup>1</sup>**

**Mining Leases in Progress**  
Ironbark application  
Mining Agreement negotiation

**Metallurgy**  
Gravity & Leach testing in progress

**Approvals Processes**  
Initial flora & fauna survey complete



### Development Pathway 2025

**Resource Target**  
**1.5Moz @ +2.5g/t Au<sup>2</sup>**

**Granted Mining Leases**  
Ironbark, Mulga Bill, Saltbush  
Side Well South?

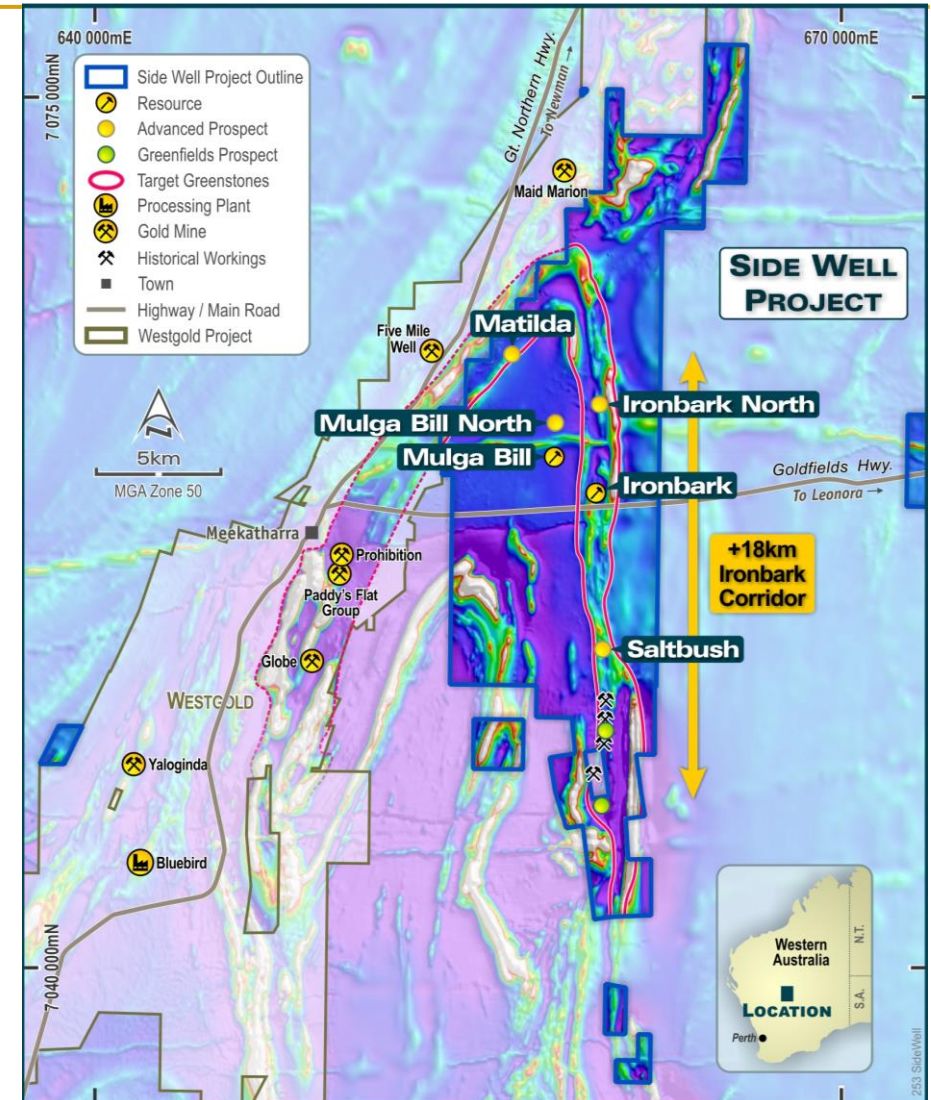
**Metallurgy**  
Full gravity & milling  
characteristics study complete

**Approvals Processes**  
Environmental, groundwater &  
geotechnical studies underway

# SIDE WELL

## A large-scale intrusive-related gold system

- **Mulga Bill** – A large, high-grade intrusive-related gold system
- The **+18km Ironbark Corridor** is the stratigraphic equivalent of the Paddy's Flat group of mines
- Vein-hosted gold grades up to **3,160g/t Au** at Mulga Bill
  - **Ironbark discovery: 100koz @ 3.3g/t near surface**
  - **Saltbush discovery: +300m-long Ironbark look-alike**
  - **Auger geochemistry** highlights multiple priority targets to test with ongoing exploration



# SIDE WELL

Mineral Resource Estimate Updated – November 2023

## Mineral Resource Estimate incorporating all drilling to Sept 2023

|              | INDICATED    |            |                | INFERRED     |            |                | TOTAL        |            |                |
|--------------|--------------|------------|----------------|--------------|------------|----------------|--------------|------------|----------------|
| Deposit      | Tonnes (kt)  | Au (g/t)   | Ounces         | Tonnes (kt)  | Au (g/t)   | Ounces         | Tonnes (kt)  | Au (g/t)   | Ounces         |
| Mulga Bill   | 2,399        | 3.3        | 252,000        | 4,112        | 2.4        | 316,000        | 6,511        | 2.7        | 568,000        |
| Ironbark     | 753          | 3.7        | 88,000         | 186          | 1.9        | 11,000         | 938          | 3.3        | 100,000        |
| <b>Total</b> | <b>3,152</b> | <b>3.4</b> | <b>340,000</b> | <b>4,298</b> | <b>2.4</b> | <b>327,000</b> | <b>7,450</b> | <b>2.8</b> | <b>668,000</b> |

*This includes a high-grade core of 496koz @ 5.3g/t Au*

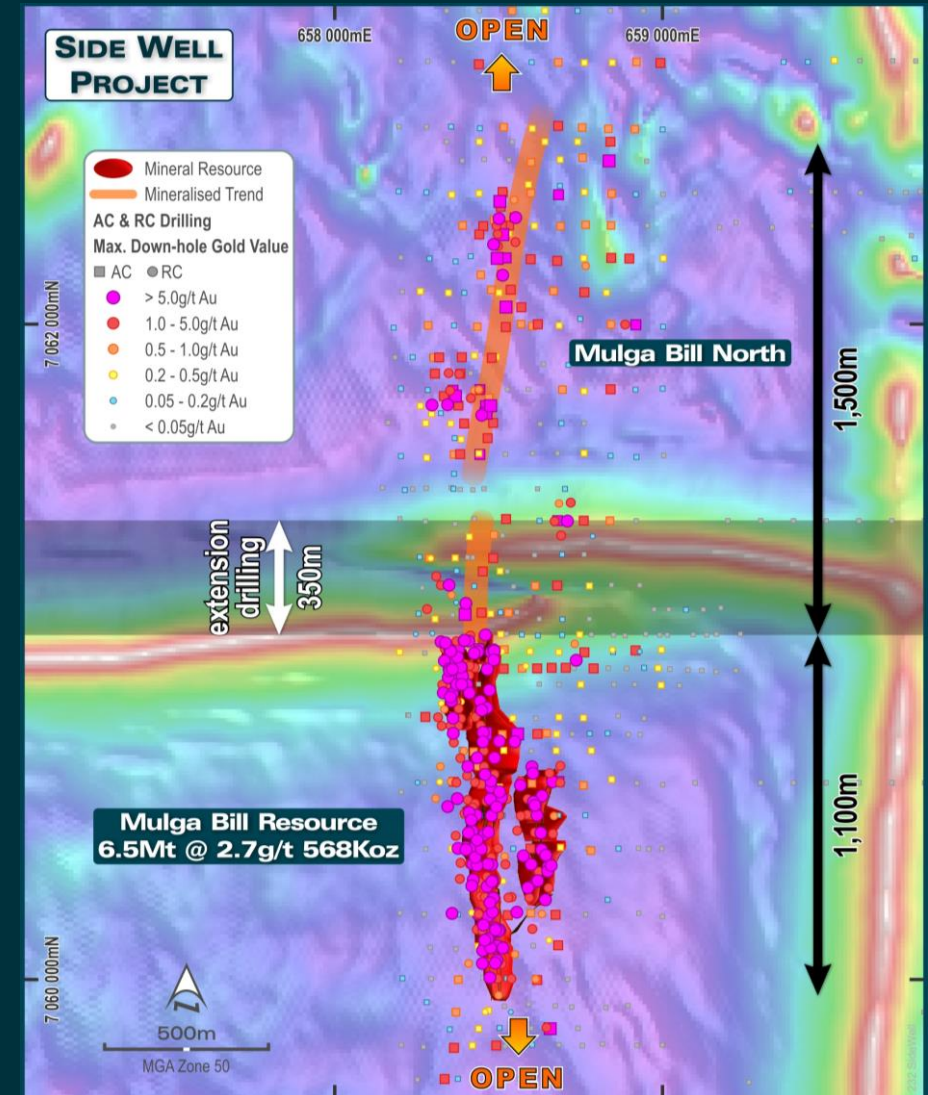
## High-grade core reported at 2.0g/t cut-off

| Classification | Deposit      | Cut-off grade | Tonnes           | Au g/t     | Ounces         |
|----------------|--------------|---------------|------------------|------------|----------------|
| Ind + Inf      | Mulga Bill   | 2.0           | 2,378,000        | 5.4        | 410,000        |
|                | Ironbark     | 2.0           | 543,000          | 4.9        | 85,000         |
|                | <b>Total</b> |               | <b>2,920,000</b> | <b>5.3</b> | <b>496,000</b> |

# MULGA BILL

## Sensational high-grade gold mineralisation

- MRE **568,000oz @ 2.7g/t Au\***
- Drilling has returned consistent high-grade results:
  - **6m @ 589.44/t Au from 114m**
  - **14m @ 36.12g/t Au from 91m**
  - **15m @ 35.82g/t Au from 88m**
  - **8m @ 54.60g/t Au from 120m**
- Resource occupies ~1.1km of strike
- Open to the north for +1.3km including Mulga Bill North
- Initial metallurgical tests indicate up to 99.7% gold recovery



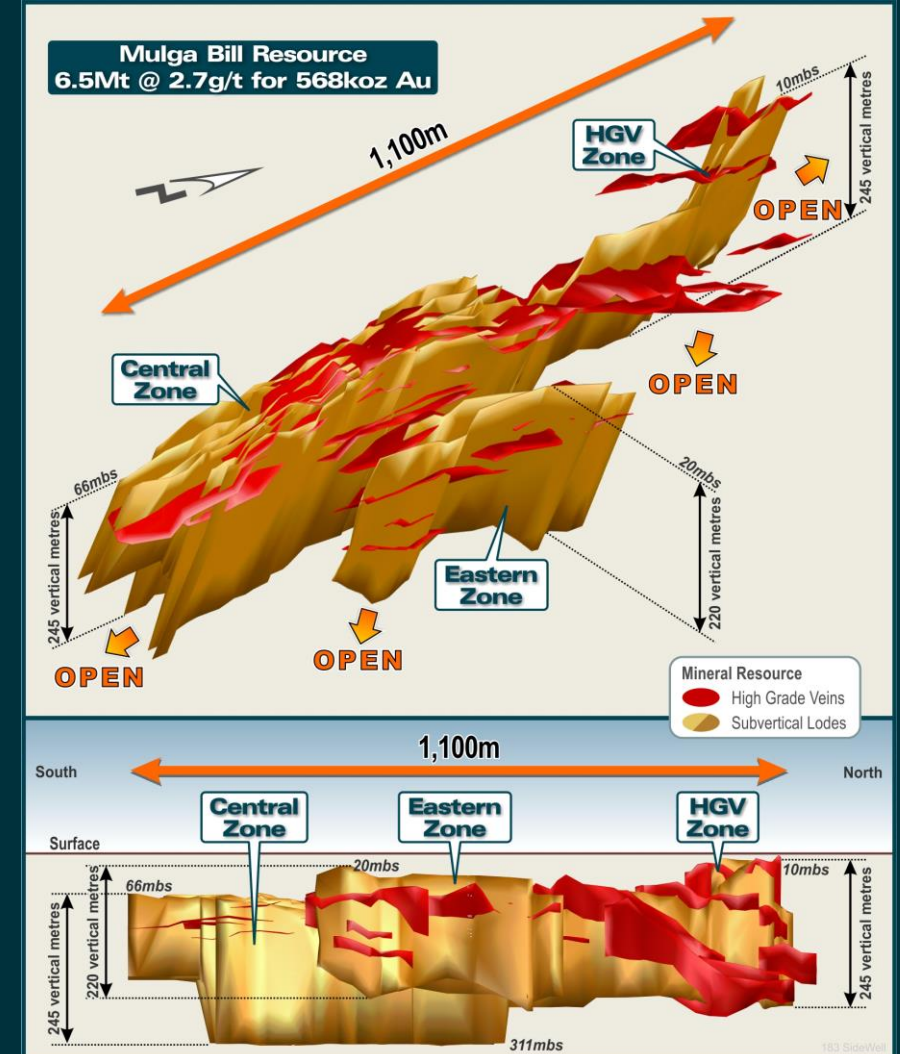
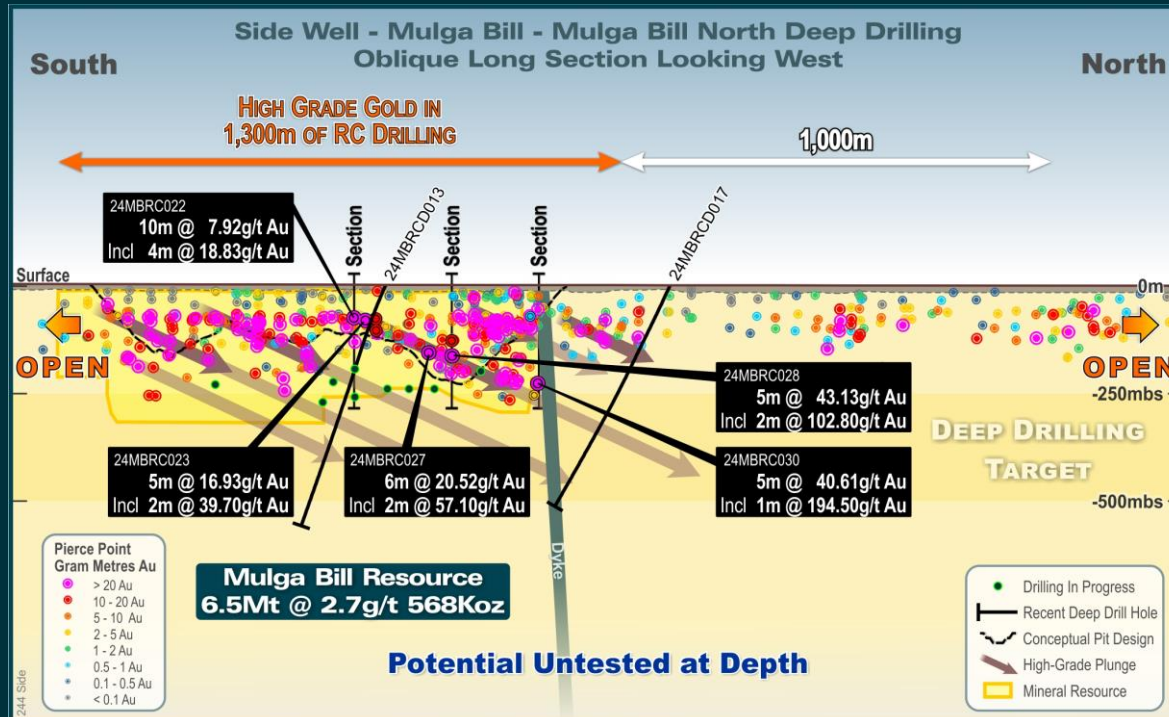
\*Note: please refer to GBR's ASX announcement of 17 November 2023 for JORC Table 1 details.

# MULGA BILL

Significant growth potential

**Great Boulder**  
RESOURCES LIMITED

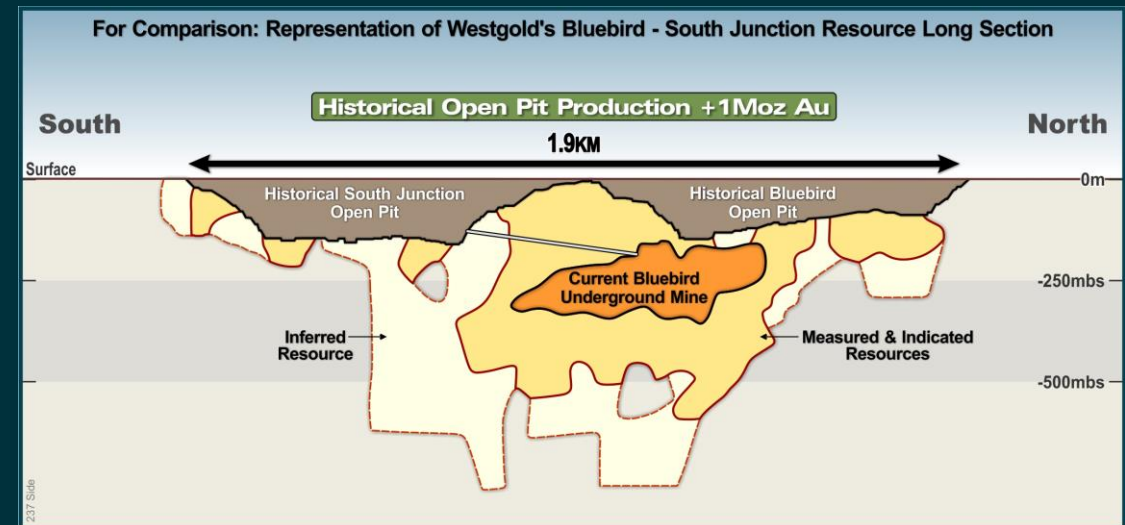
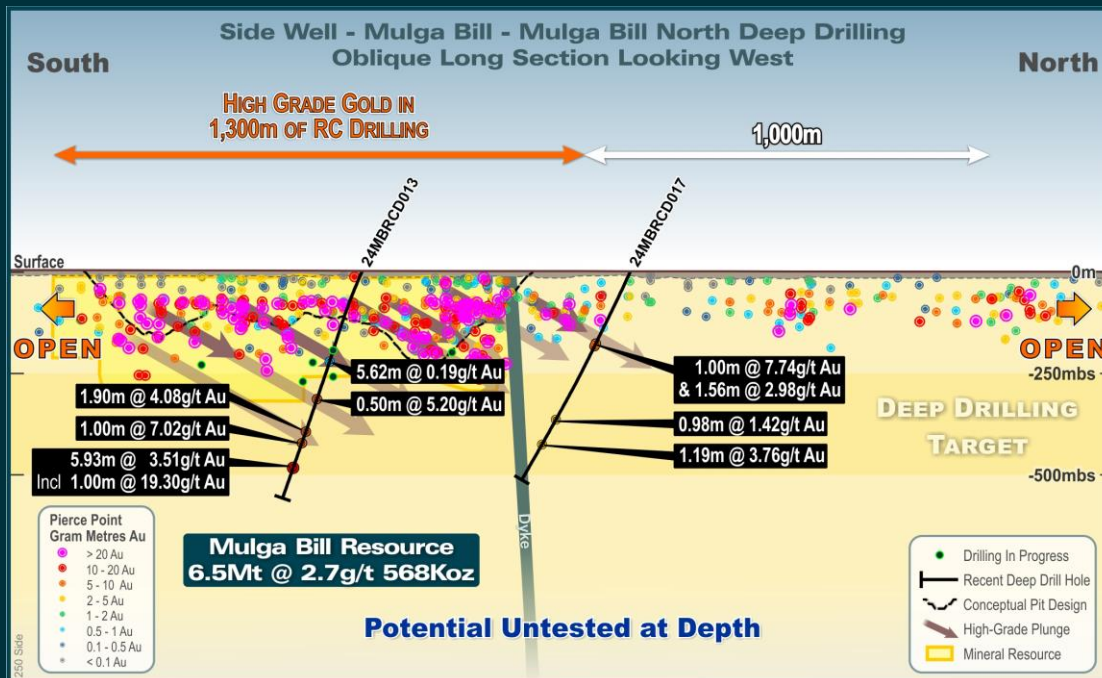
- Two mineralisation events: Intrusive-related (subvertical lodes) and remobilised high-grade veins (red, cross-cutting lodes)
- Open at depth; high grade structures plunging north
- Continues into Mulga Bill North >1km along strike



# MULGA BILL DEEPS

Deeper holes testing stacked lodes, grade and alteration at depth

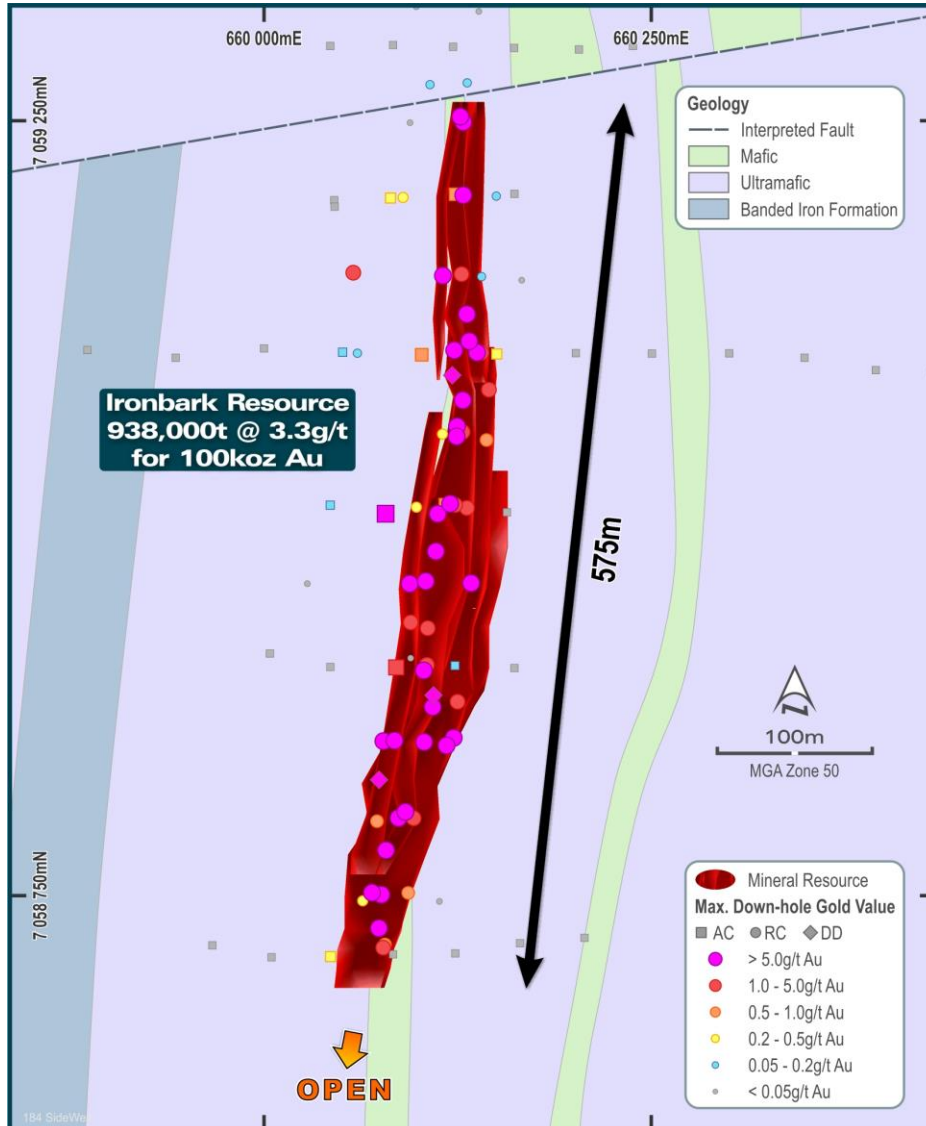
- Mulga Bill has the same spatial extent as WGX's 2Moz Bluebird group\*



\* Resources 10.7Mt @ 2.79g/t Au for 960koz: ASX announcement 23/9/2024

# IRONBARK

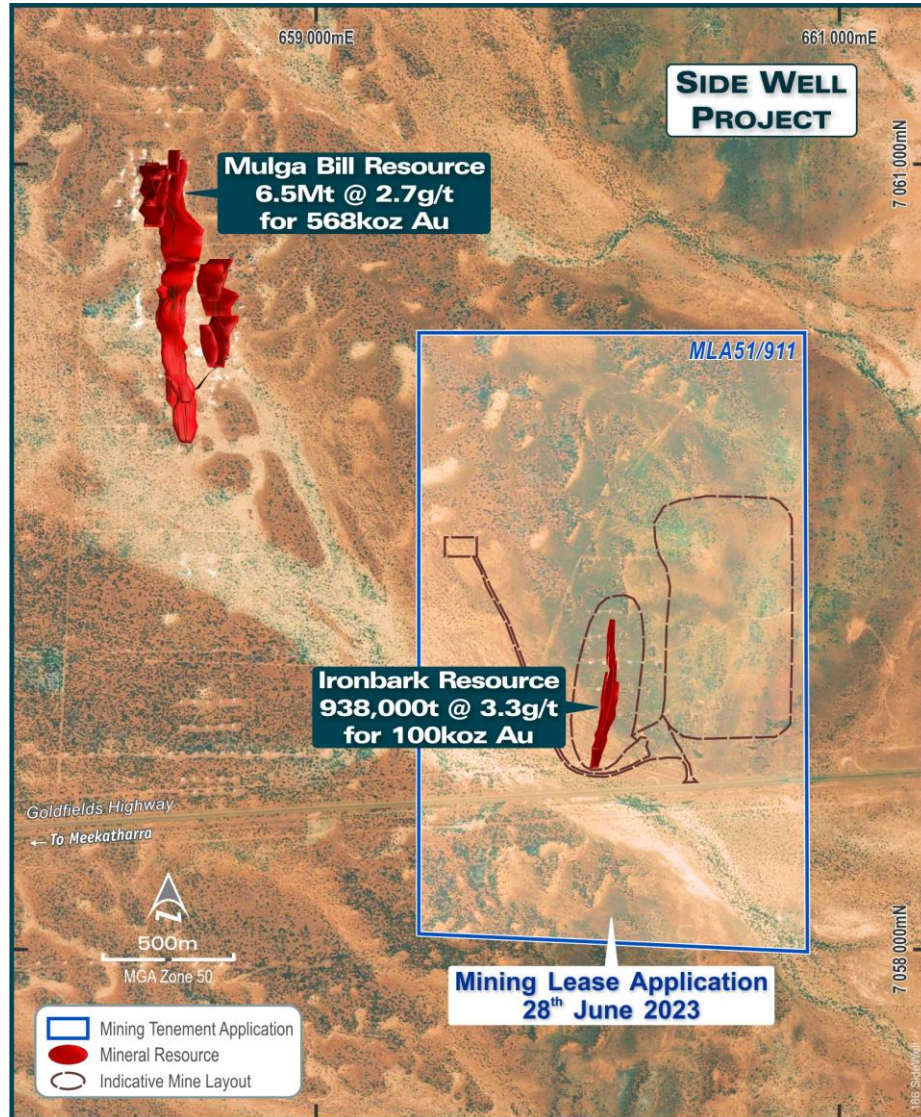
Near surface, high-grade mineralisation



- **MRE: 100,000oz @ 3.3g/t Au**
- Conventional exploration – little to no alluvial cover in this area
- Orogenic gold system
- Broad zones of shallow gold mineralisation over a 500m strike
  - **5m @ 51.65g/t Au from 106m**
  - **21m @ 3.56g/t Au from 21m**
  - **19.25m @ 5.22g/t Au from 121m**
- No depletion zone – oxide mineralisation close to surface
- Multiple analogue untested geochemical targets

# IRONBARK

Mining Lease application in progress

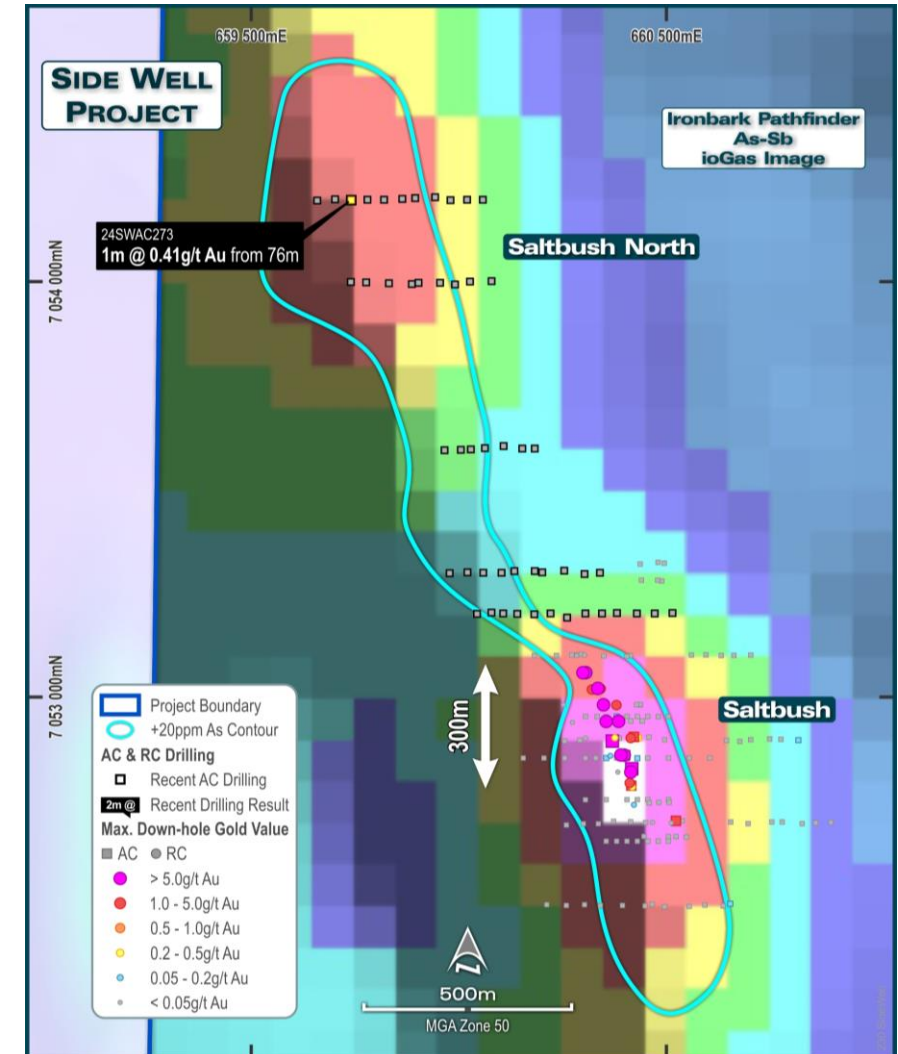


- Mining Lease lodged over Ironbark in June 2023
- No ore reserve calculations or feasibility studies have been completed at this stage
- Provides optionality for early cashflow and non-dilutive funding

# IRONBARK CORRIDOR

## Saltbush discovery – an Ironbark analogue

- Same geology & alteration as Ironbark within a +2km Au-As anomaly
- First drill program: high-grade hits at Saltbush
  - 10m @ 6.47g/t Au from 117m, incl. 3m @ 18.59g/t Au
  - 12m @ 2.16g/t Au from 69m incl. 4m @ 3.94g/t Au
  - 9m @ 5.2g/t Au from 15m incl. 5m @ 7.42 g/t Au
  - 4m @ 4.40g/t Au from 65m, incl. 1m @ 13.85g/t Au
- Follow-up drilling required along strike



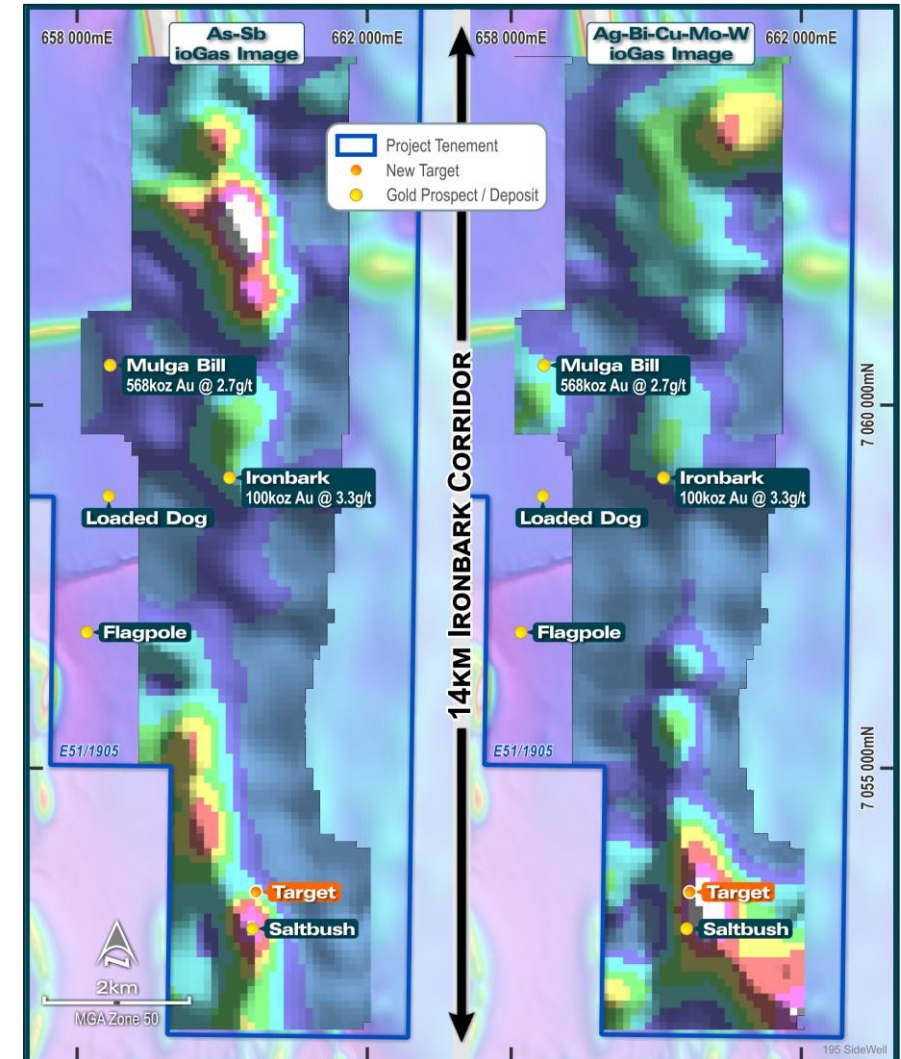
# IRONBARK CORRIDOR

## Growth Targets 1: Ironbark to Saltbush

- Heat maps of **Ironbark-style (left)** and **Mulga Bill-style (right)** pathfinder anomalism generated from auger sampling
- Several areas defined with a larger and stronger geochemical response than the Ironbark discovery
- The first target to be tested was Saltbush – high-grade RC intersections provide proof of concept and the first new discovery since Ironbark

*“The combined auger coverage north and south of Ironbark has defined a hydrothermal gold system more than 14km long, an area equivalent in extent to the Paddy’s Flat gold camp.”*

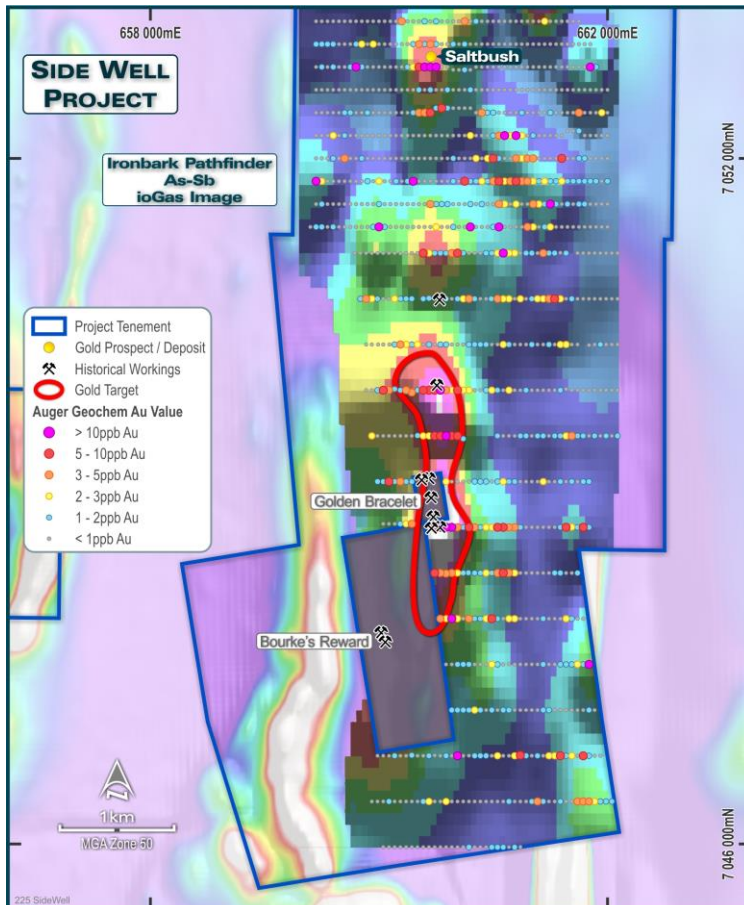
*Dr Scott Halley, 2023*



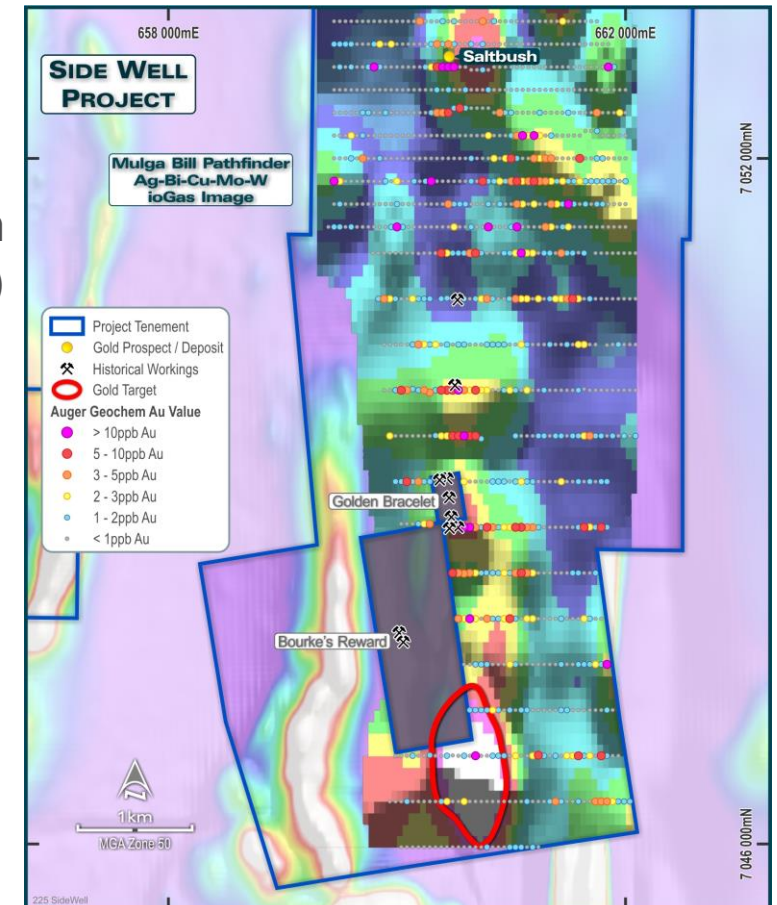
# IRONBARK CORRIDOR

## Growth Targets 2: Saltbush to Side Well South

- Strongest geochemical anomalism identified to date



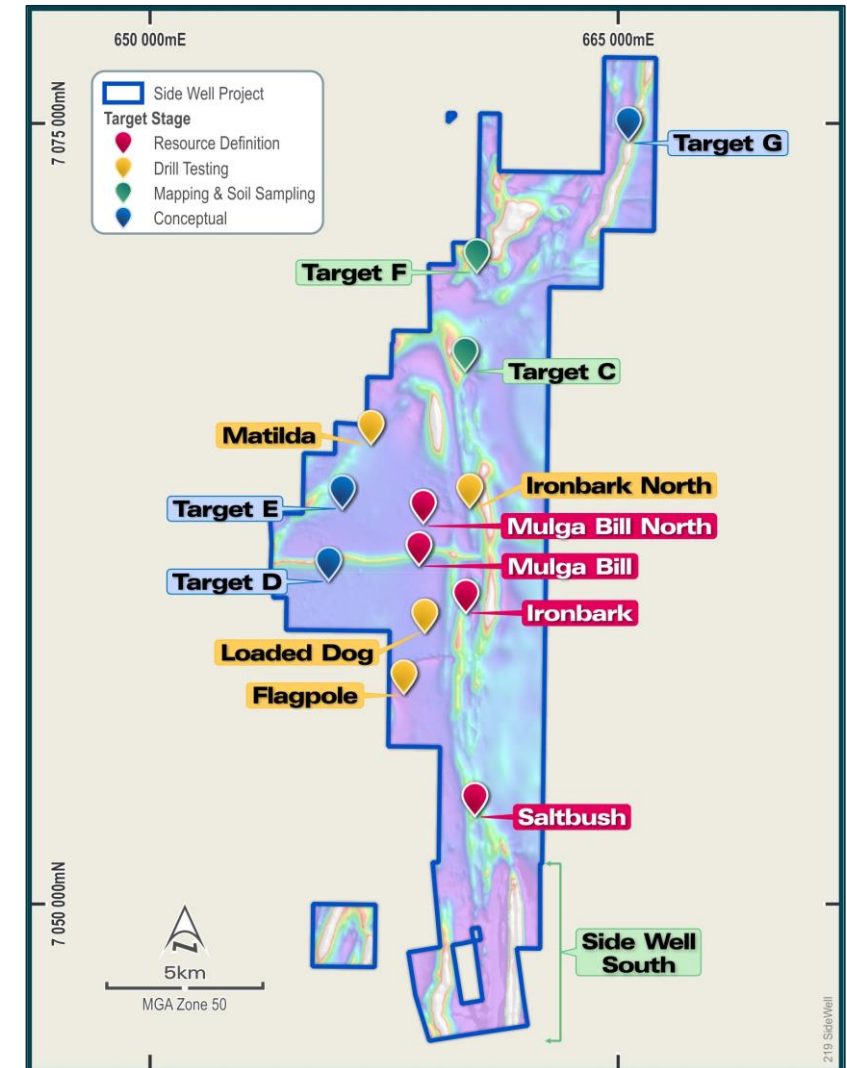
- Ironbark-style anomaly 2.4km long (Left)
- Mulga Bill-style anomaly 1.4km long (Right)
- Drilling underway. Results expected November 2024



# LOOKING AHEAD

Resource growth & development to underpin technical studies

- Resource development and definition drilling at Saltbush & Mulga Bill North
- Discovery drilling testing multiple new targets: Ironbark Corridor, Matilda, Side Well South, Polelle Project
- Resource growth and conversion drilling at Mulga Bill & Ironbark
- Advance metallurgical test work at Mulga Bill
- Global Resource Upgrade targeting +1Moz
- Continued target generation, development & ranking



# REGIONAL GOLD PROJECTS

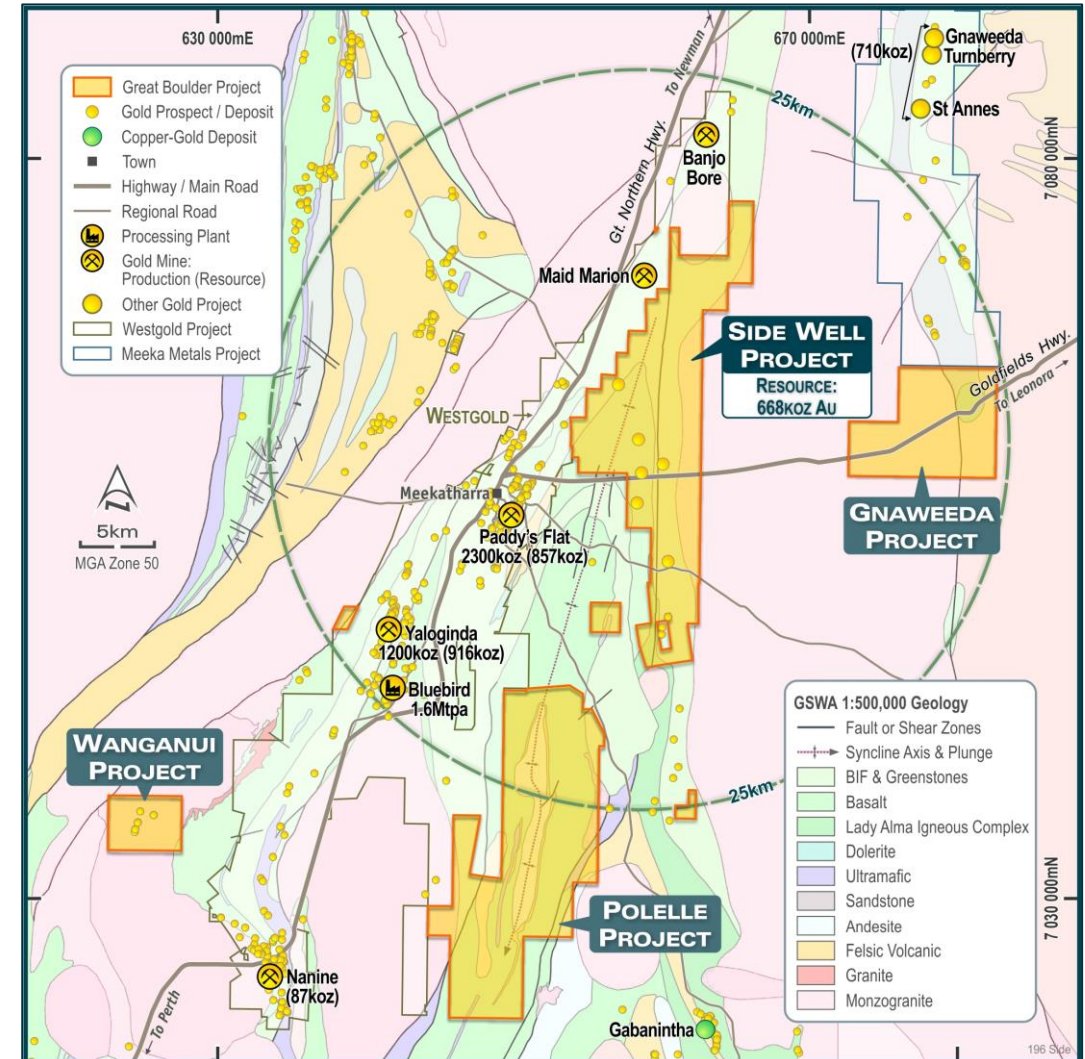
Polelle & Wanganui (Option to acquire 75%)

## Polelle Project

- 12km south of Meekatharra & 8km east of the Westgold Bluebird mill
- A similar stratigraphic position to Side Well
- Previous geochemistry & heritage work presents immediate drill targets
- Maiden AC drilling complete in June 24 with assays pending for 45 holes

## Wanganui Project

- 16km west-southwest of Bluebird
- Target assessments & planning underway



# OTHER PROJECTS

## High quality Gold & Base Metal projects in Western Australia

### Gold / Nickel

#### Whiteheads, Kalgoorlie

- ✓ 319km<sup>2</sup> of highly prospective and strategic tenure located c.40km north of Kalgoorlie
- ✓ Blue Poles Discovery: 52m @ 1.02g/t Au from 28m
- ✓ Neighbouring multiple resources, mines & processing infrastructure

### Gold / Copper

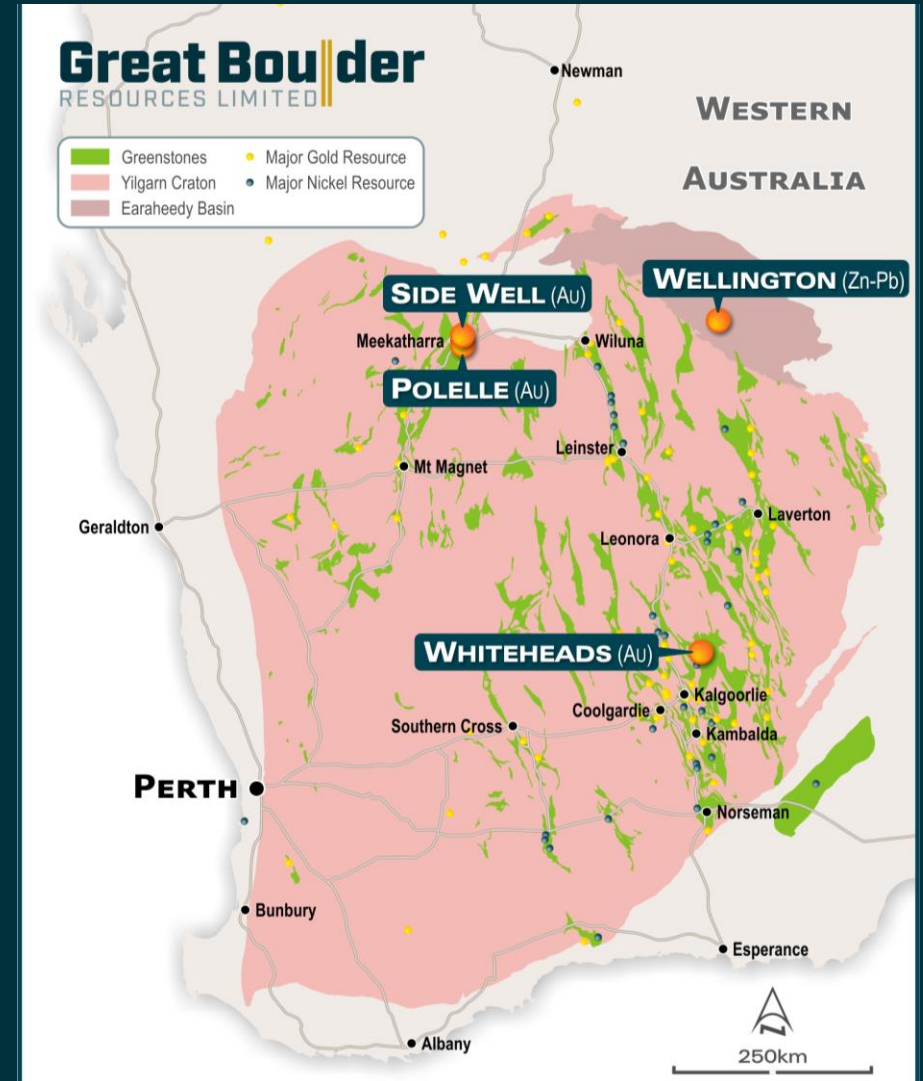
#### Cosmo Metals

- ✓ Listed investment in Cosmo Metals (ASX:CMO) – 19.5%
- ✓ Multiple Cu-Ni-Co sulphide & VMS Discoveries at Yamarna
- ✓ Currently drilling Kanowna Gold Project adjacent to +7Moz Au Kanowna Belle Gold Mine

### Zinc / Lead

#### Wellington, Earraheedy Basin

- ✓ Along strike from Rumble Resources' (ASX:RTR) large scale Zn-Pb discovery
- ✓ 1,134km<sup>2</sup> covering 60km of prospective strike
- ✓ Potential to be a world-class MVT Zn-Pb province



# WHY INVEST IN GBR?



Side Well is a “Unicorn” project:

- Large intrusive-related gold system
- High grade
- <25km from the nearest mill



Technically focused exploration team with a strong track record of discovery



Undertaking smart, innovative & systematic exploration



Ongoing drilling at multiple projects providing consistent, material news flow

# Thank You

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