

**Exploring World Class Gold & Base  
Metal Projects in Western Australia**

April 2021 | ASX: GBR

AMEC INVESTOR BRIEFING



# Important Information

**Purpose of presentation:** This presentation has been prepared by Great Boulder Resources Limited (ACN 611 695 955) (GBR). It is intended for the sole purpose of providing high-level background information on GBR, its projects and its proposed operations. This presentation is not investment advice and should not be relied upon to make any investment decision.

**Nature of presentation:** This presentation is not a prospectus, product disclosure statement or other investment disclosure document, and the level of disclosure in this presentation is less than such disclosure documents. It does not purport to contain all of the information that a prospective investor may require to make an evaluation of GBR or its business activities and nothing in this presentation is, or is intended to be, a recommendation to invest in GBR. GBR does not purport to give financial or investment advice. No account has been taken of the objectives, financial situation or needs of any recipient of this presentation.

**No offer:** This presentation does not make or contain any offer of securities or any other offer to invest in GBR to any person. Potential investors should consider GBR's Prospectus dated 12 September 2016 (Prospectus), available on its website, [www.greatboulder.com.au](http://www.greatboulder.com.au) and GBR's announcements to ASX.

**Professional advice:** Recipients of this presentation should consider seeking appropriate professional financial, taxation and legal advice in reviewing the presentation and all other information with respect to GBR and evaluating its business, financial performance and operations.

**Forward-looking statements:** This presentation contains forward-looking statements which may be predictive in nature and incorporate an element of uncertainty or risk, such as 'intends', 'may', 'could', 'believes', 'estimates', 'targets' or 'expects'. These statements are based on an evaluation of current economic and operating conditions, as well as assumptions regarding future events. These events are, as at the date of this presentation, expected to take place, but there cannot be any guarantee that such will occur as anticipated, or at all, given that many of the events are outside GBR's control. The stated events may differ materially from results ultimately achieved. Accordingly, neither GBR nor any of its directors, employees, contractors or advisers make any warranty or assurance that the results, performance or achievements expressed or implied by the forward-looking statements contained in this presentation will actually occur. Further, other than as required by law, GBR may not update or revise any forward-looking statement if events subsequently occur or information subsequently becomes available that affects the original forward-looking statement.

**Disclaimer:** Neither GBR nor its officers, employees, contractors or advisers make any warranty (express or implied) as to the accuracy, reliability, relevance or completeness of the material contained in this presentation. Nothing contained in this presentation is, or may be relied upon as a promise, representation or warranty, whether as to the past or the future. GBR excludes all warranties that can be excluded by law. Except for statutory liability which cannot be excluded, GBR, its officers, employees, contractors and advisers expressly disclaim any responsibility for the accuracy or completeness of the material contained in this presentation and exclude all liability whatsoever (including in negligence) for any loss or damage which may be suffered by any person as a consequence of any information in this presentation or any error or omission therefrom.

**Proprietary information and copyright:** This presentation and the information it contains is proprietary to GBR. GBR holds the copyright in this paper. Except as permitted under the Copyright Act 1968 (Cth), this paper or any part thereof may not be reproduced without its written permission.

**Exploration Results:** The information in this presentation concerning exploration results on GBR's projects is contained in ASX announcements available on its website, [www.greatboulder.com.au](http://www.greatboulder.com.au). GBR confirms that it is not aware of any new information concerning exploration results that materially affects the information included in its ASX announcements.

# GREAT BOULDER RESOURCES

High quality Gold & Base Metal projects in Western Australia

## Side Well, Meekatharra

- ✓ Shallow, High grade advanced targets
- ✓ RC drilling ongoing
- ✓ Close to mine & processing infrastructure
- ✓ 16m @ 4.98g/t Au from 28m inc 4m @ 17.71g/t Au



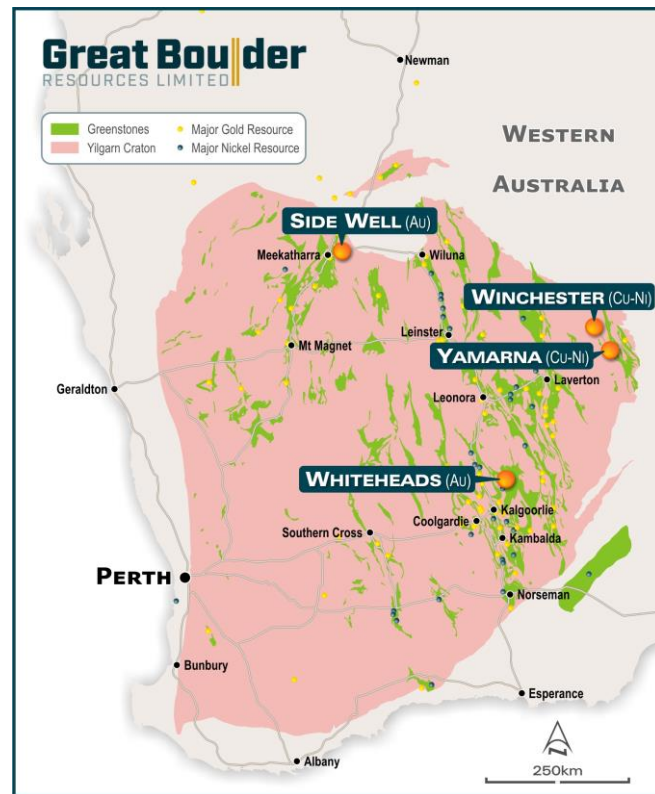
## Whiteheads, Kalgoorlie

- ✓ Blue Poles discovery, 2020
- ✓ Assays awaiting & AC drilling planned
- ✓ Multiple high priority prospects
- ✓ 52m @ 1.02g/t from 28m to EOH



## Yamarna & Winchester, NE Yilgarn

- ✓ Mt Venn & Eastern Mafic discoveries
- ✓ Large metal endowment defined
- ✓ Cu-Ni-Co sulphides
- ✓ 48m at 0.8% Cu, 0.2% Ni, 0.07% Co from 103m



# CORPORATE & TEAM

## Capital Structure

**276.9M**

Shares on issue

ASX: GBR

**\$10M**

Market Cap

At \$0.036/sh

**\$3.1M**

Cash

As at 31 Mar 2021

**Nil**

Debt

As at 31 Dec 2020

**\$6.9M**

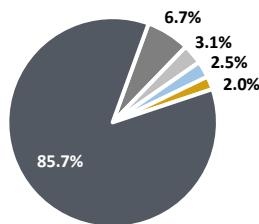
Enterprise Value

**8.25M**

Unlisted Options

Av. Ex-Price: \$0.085, Exp:  
18 Mar 22 to 30 Sep 23

## Major Shareholders



- Retzos Holdings
- Daly Family
- Zebina Minerals Pty Ltd
- Citicorp Nominees Pty Ltd
- Other

## Directors & Management

**Greg Hall**

Non-Executive Chairman  
40+ years experience

**Andrew Paterson**

Managing Director  
25+ years experience

**Melanie Leighton**

Non-Executive Director  
20+ years experience

**Daniel Doran**

Exploration Manager  
15+ years experience

**Melanie Ross**

Company Secretary

## Key Consultants

**John Beeson**

Chief Structural Geologist

**Scott Halley**

Chief Geochemist

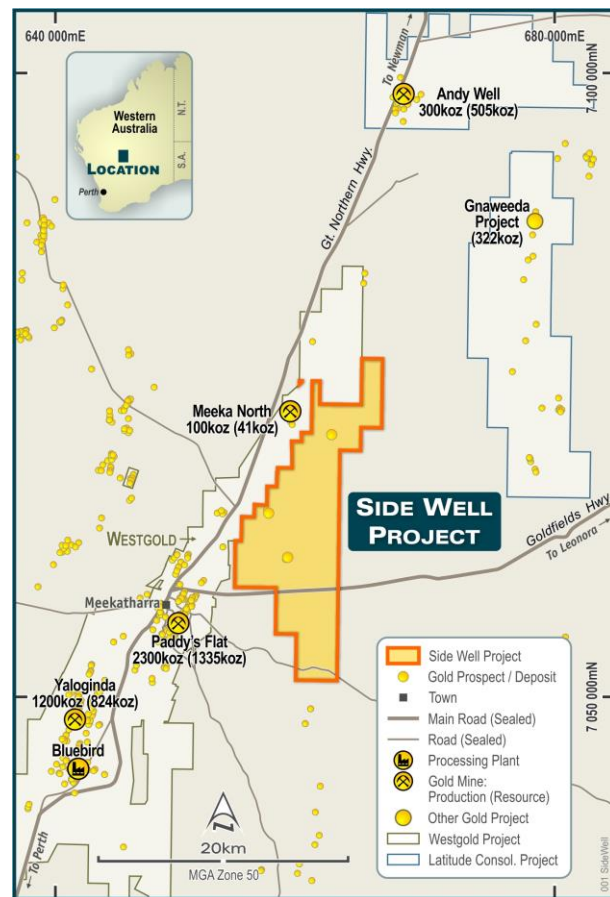
**John Coggon**

Chief Geophysicist

# SIDE WELL

## An advanced, high-grade gold project

- Located immediately northeast of Meekatharra in the richly endowed Murchison goldfields
- Meekatharra region has produced c.4Moz gold with over 2.7Moz remaining in resources<sup>1</sup>
- Covers 132km<sup>2</sup> of highly prospective Meekatharra – Wydgee greenstone belt over 25km of strike
- Option to acquire 75% of the project from Zebina Minerals Pty Ltd
- Strategically positioned between Meekatharra and Latitude Consolidated's Andy Well gold mine with Westgold's Bluebird Mill only 15km south of Meekatharra
- High grades intersected in drilling by Doray Minerals between 2009 & 2015



# SIDE WELL

## High priority target areas

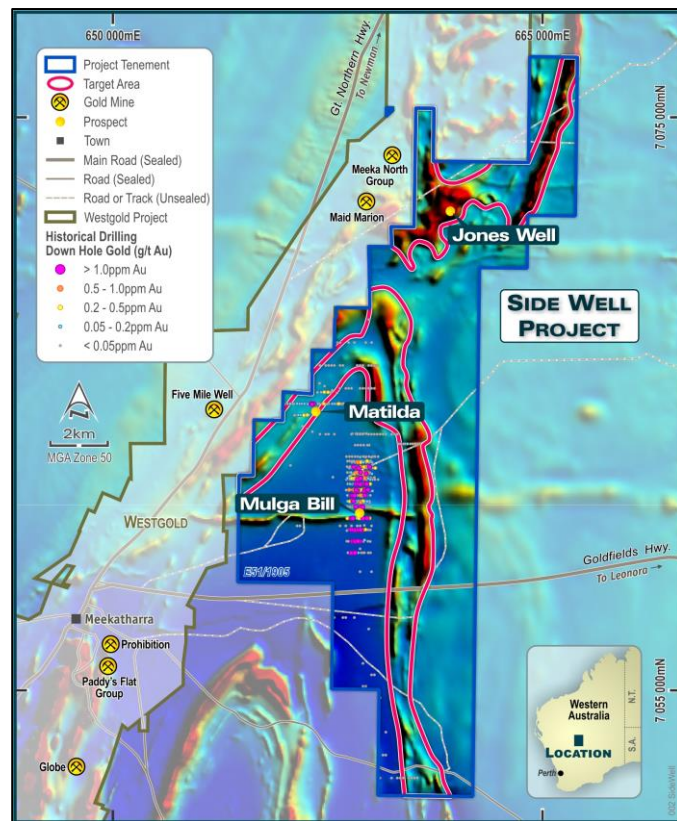
- Regional fold structure within the project: **prospective geology on the west side is repeated on the east**

➤ **Mulga Bill:** drilling has defined a +3.7km-long mineralised trend, open to the south

➤ **Matilda:** 3m @ 35.5g/t in the same horizon as the Paddy's Flat area; no drilling for 400m either side

➤ **Jones Well:** coincident gold-arsenic anomaly in WMC soil sampling; in an ideal structural position

- Outside these three areas the project remains entirely unexplored, including the whole east side of the fold structure
- Prospectors working on outcropping areas near Jones Well, and east of Mulga Bill



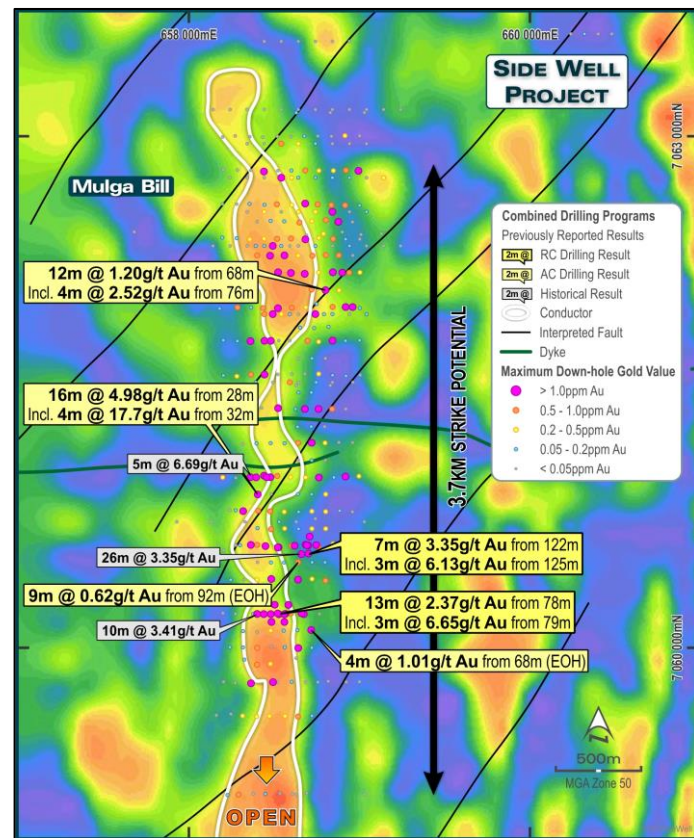
Drilling (maximum down-hole Au) & advanced target areas over regional magnetics



# SIDE WELL

## High-grade Mulga Bill Prospect

- RC drilling by Doray Minerals (2009 & 2015)<sup>1</sup>
  - 10m @ 3.41g/t Au from 185m in SWRC006
  - 26m @ 3.35g/t Au from 86m in SWRC012
- GBR's RC and AC drilling has extended Mulga Bill to over 3.7km
  - 16m @ 4.98g/t Au from 28m in 21MBAC022 including 4m @ 17.71g/t Au from 32m
  - 7m @ 3.35g/t Au from 122m in 20MBRC004
  - 2m @ 12.94g/t Au from 105m in 20MBRC009
  - 13m @ 2.37g/t Au from 78m in 20MBRC008
- RC drilling currently in progress targeting gold mineralisation in the bedrock
- Results May 2021



Mulga Bill: Maximum down-hole Au over conductivity (50 to 150mbs).

# SIDE WELL

## Current & Planned Exploration

### Mulga Bill Prospect

- RC drilling targeting high-grade, bedrock gold zones (underway)
- AC drilling to infill and define mineralisation within gaps in previous coverage

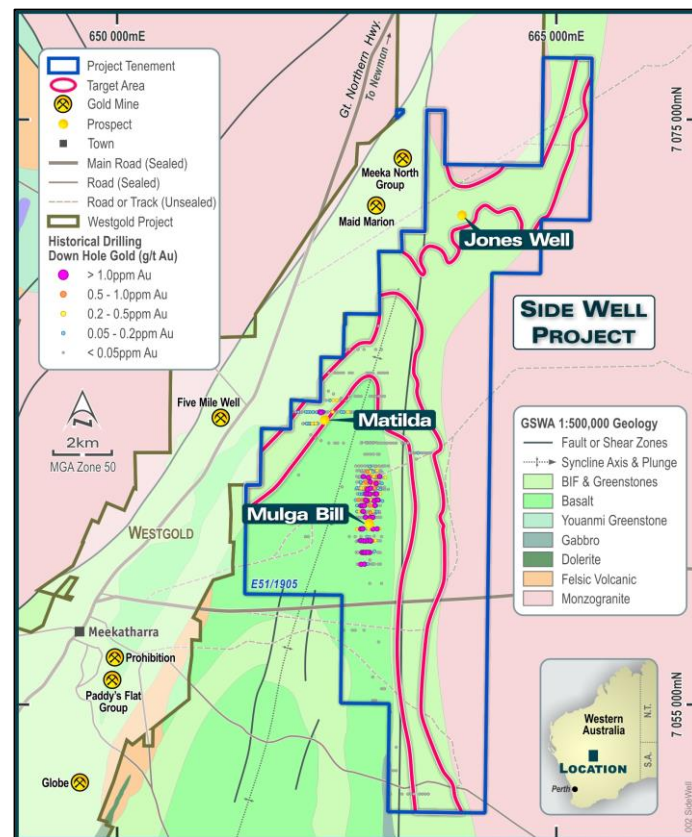
### Matilda Prospect

- Initial AC drilling May-June 2021

### Jones Well & Side Well East

- First-pass soil geochemistry and target generation

**CSIRO research project: Gold Exploration under Alluvial Cover**



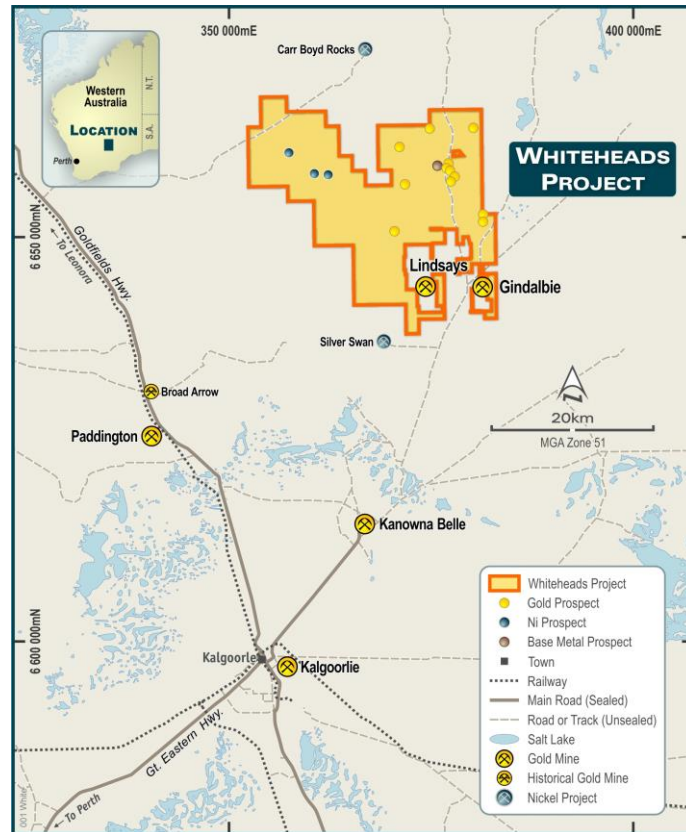
Side Well prospect locations over GSWA 1:500k geology interp



# WHITEHEADS PROJECT

## Ideal location in a proven gold district

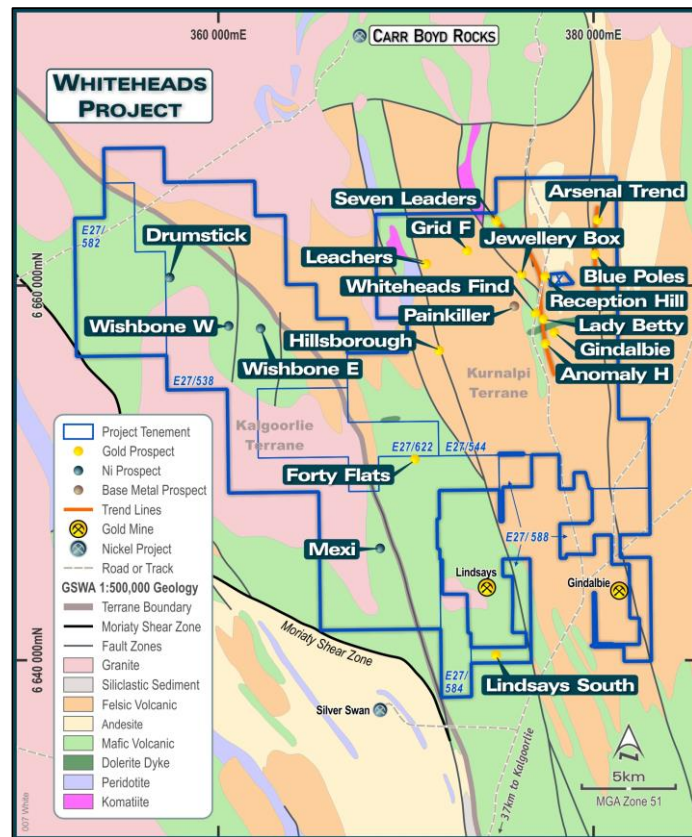
- Located 45km north of Kalgoorlie in the heart of WA's tightly held goldfields
- 450km<sup>2</sup> in area; over 25km of prospective strike
- An amalgamation of areas previously held under fragmented ownership by a number of companies
- Tenure surrounds the 215koz @ 1.69g/t Au Lindsays resource (Nu Fortune Gold Ltd)<sup>1</sup>
- Surrounded by majors - adjacent to Norton Goldfields and Northern Star
- Estrella Resources' neighbouring T5 nickel sulphide discovery at Carr Boyd highlights the nickel potential at Whiteheads



# WHITEHEADS PROJECT

## Geology & key targets

- Multiple historic workings over 20km of strike
- Very large gold-in-soil auger anomalies, including
  - 6.5km of strike on the line of workings between Lady Betty and Seven Leaders
  - 5.5km of strike on the Arsenal trend
- The Arsenal trend is a 20km structure, 7km of which **has never been tested by surface sampling or drilling**
- Blue Poles discovery on the Arsenal trend, 2020
- Multiple undrilled analogue anomalies along strike

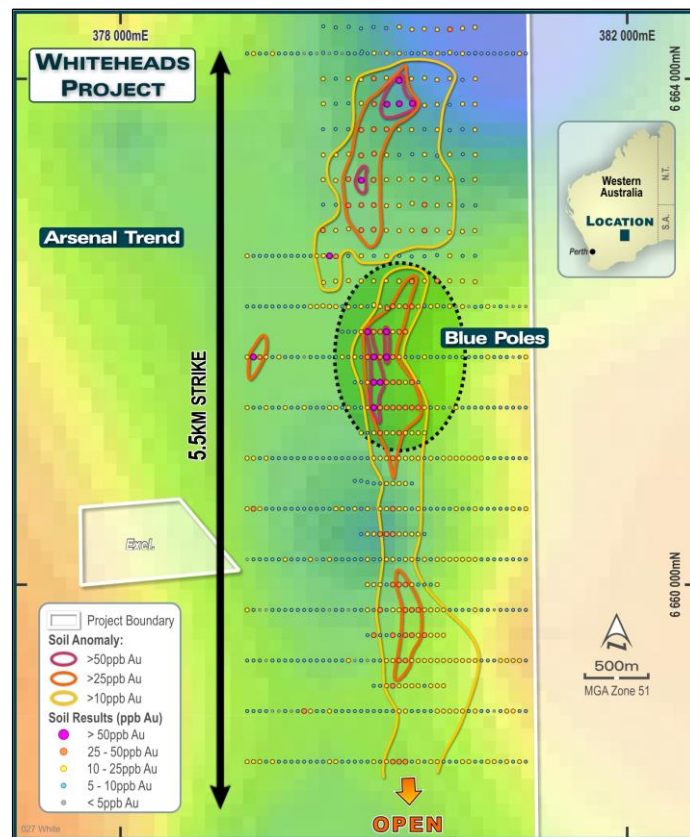


1:500k GSWA interpreted geology

# WHITEHEADS PROJECT

## The Arsenal trend

- Exploration to date has confirmed a surface gold anomaly more than 5km long at +10ppb Au
- Initial AC drilling within this led to the discovery of the Blue Poles prospect
- RC drilling at Blue Poles intersected up to **52m @ 1.02g/t from 28m to EOH** in fresh rock, open to the south
- Broad zone of potassic alteration + foliation at Blue Poles
- Look-alike target immediately north remains to be drill tested
- South of this area the trend remains untested by soils or drilling

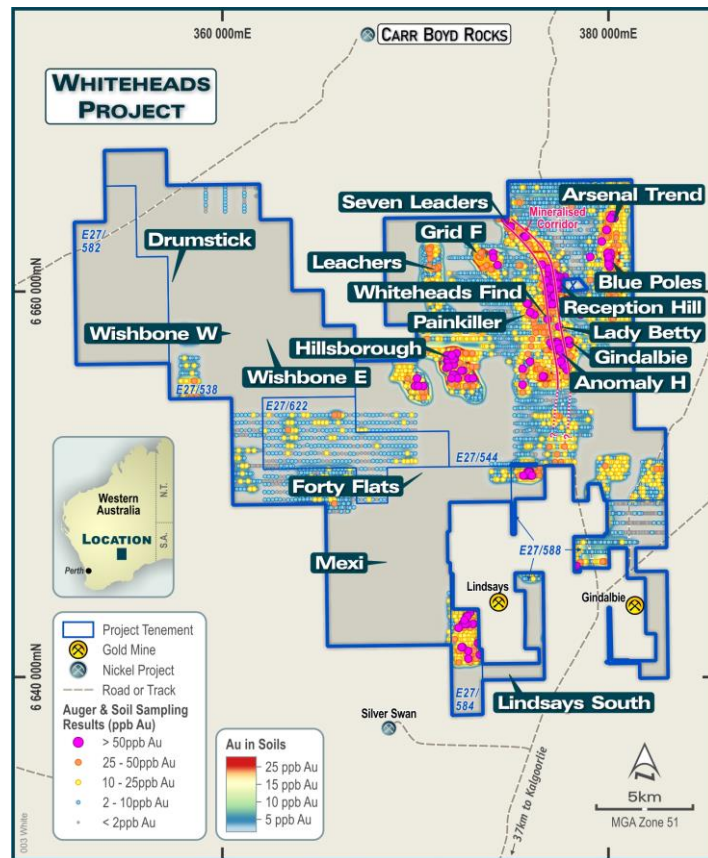


Results from the maiden RC drilling at Blue Poles

# WHITEHEADS PROJECT

## Current & Planned Exploration

- Blue Poles RC drill program complete and awaiting assays
- AC drilling: Arsenal trend (Gunners, extensional targets) and new areas
- Ongoing auger sampling on multiple targets across the project
- Working up a pipeline of prospects from geochem through to definition
- Also looking at potential for Carr Boyd-type Ni sulphide targets
- 2020 BoH sampling program has thrown up new prospects around Wishbone, well away from any previous gold exploration.



# YAMARNA

## An emerging Cu-Ni-Co belt

- First-mover advantage – GBR was able to peg the most prospective areas based on gravity and magnetic data
- Strategic land position located 130km east of Laverton and 25km west of Gold Road's and Gold Fields' +6Moz Gruyere Gold Mine
- Targets based on conceptual models for magmatic nickel sulphides at regional scale
- Mt Venn Cu-Ni-Co discovery 2017: massive sulphides drilled in the first target
- Complimentary Winchester project (JV with Ausgold Ltd) added in 2019
- Significant gold potential yet to be explored
- GBR is currently undertaking Strategic Review on Yamarna and Winchester



GBR's Yamarna and Winchester projects



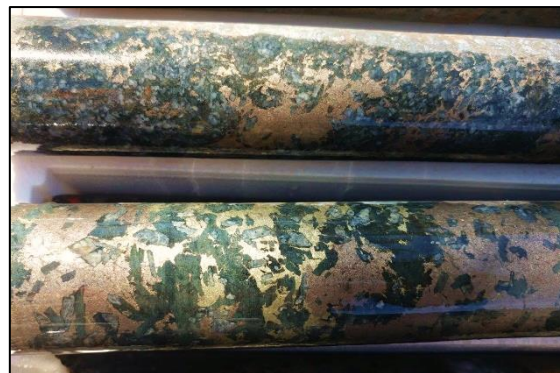
# YAMARNA

## Mt Venn Base Metal Discovery

- Discovery made in first drilling campaign, October 2017. Over 13,700m drilled since then
- Every EM target drilled at Mt Venn has intersected sulphides
- Multiple, broad lenses of shallow copper-nickel-cobalt sulphide mineralisation intersected. Significant results include<sup>1</sup>:
  - 48m at 0.8% Cu, 0.2% Ni, 0.07% Co from 103m
  - 18m at 0.8% Cu, 0.1% Ni, 0.02% Co from 187m
  - 18m at 0.7% Cu, 0.2% Ni, 0.05% Co from 92m
  - 27m at 0.6% Cu, 0.2% Ni, 0.05% Co from 43m
  - 4.4m at 1.7% Cu from 142.4m
  - 9.5m at 1.0% Cu from 178m
- Sulphide mineralisation extends to surface with very little weathering or oxide cap



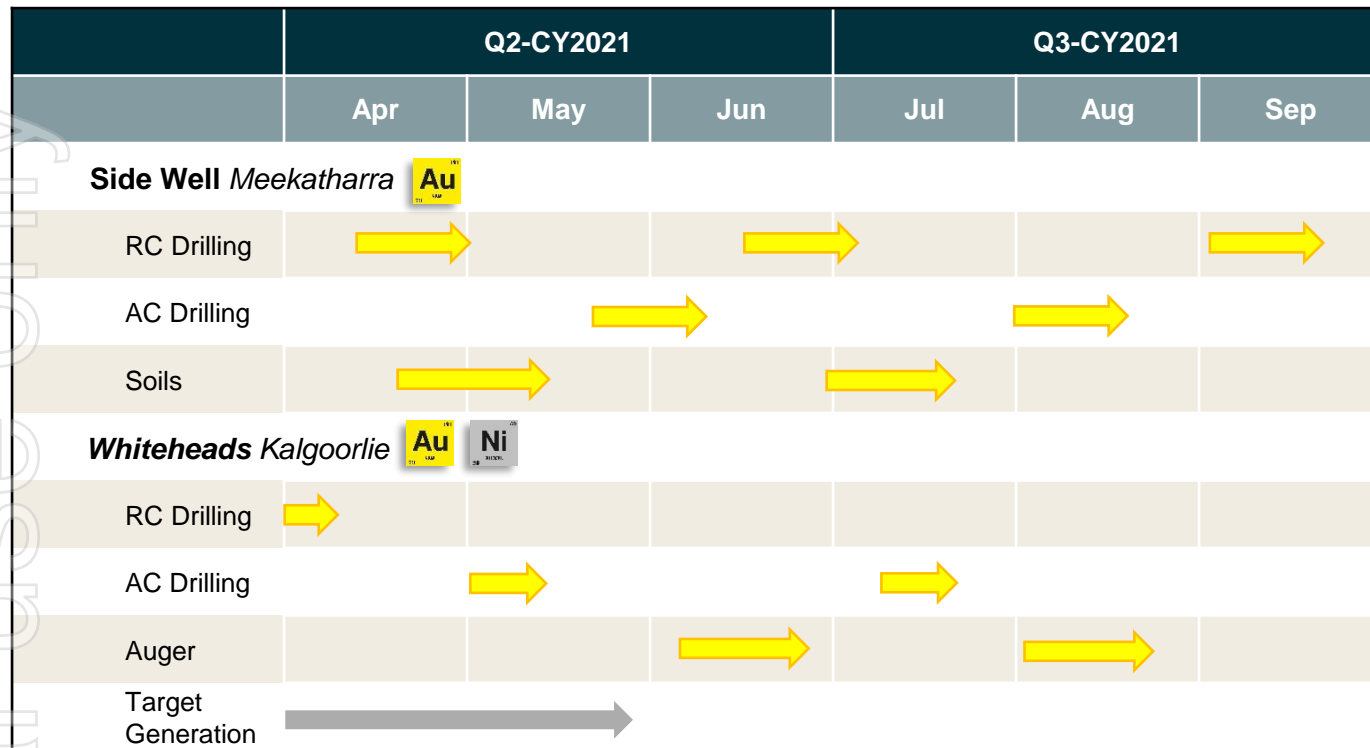
**17MVDD003** – Basal contact with interstitial chalcopyrite and pyrrhotite within very coarse-grained gabbro (108m)



**17MVRCD008** – Semi-massive and stringer pyrrhotite with chalcopyrite (113m)

# CONSISTENT NEWSFLOW

Parallel Aggressive Exploration To Provide Ongoing Newsflow




# Great Boulder

RESOURCES LIMITED

Greatboulder.com.au  
(08) 9321 6037

L1, 51 Colin St  
West Perth WA 6005

[admin@greatboulder.com.au](mailto:admin@greatboulder.com.au)

 @GreatBoulder

