



Great Western
EXPLORATION

GREATWESTERNEXPLORATION.COM.AU

ASX:GTE

EXPLORING TO MAKE
A GREENFIELDS
COPPER-GOLD-NICKEL
DISCOVERY

INVESTOR PRESENTATION

October 2022

CORPORATE SUMMARY



High impact RC drill programmes completed at Yandal West, with multiple sulphides intersected;
POTENTIAL ZONES OF NICKEL-COPPER-GOLD-PGE ACCUMULATIONS.

\$4.62 MILLION
in cash with no debt.

VERY LOW
corporate overheads.

SIGNIFICANT REGIONAL TARGET

generation field work now progressing across multiple projects.

STRONG SHARE REGISTER

with very supportive major shareholders (board, management and cornerstone shareholders >50%).

TIGHT CAPITAL STRUCTURE

181.4 million shares¹ on issue provides leverage.

WORLD CLASS LAND HOLDING

(granted & pending >5,000km²) on structures and within regions hosting world class deposits.

CAPITAL STRUCTURE



181,448,117
Shares on issue¹



\$0.069
Share price @ 30/9/2022



\$4.62m
Cash as at 30/6/2022



\$12.5m
Market capitalisation (16/9/2022)



10, 200,000
Options on issue²

¹ As at 30/6/2022

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.

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

GTE PROJECT LOCATIONS



WESTERN AUSTRALIA



YANDAL WEST PROJECT



LOCATED WITHIN

THE WORLD CLASS YANDAL GOLD BELT

Approximately 55km north of Bronzewing gold deposit and 65 km south of Jundee gold mine.
GTE 100% (E53/1369) and GTE 80% (E53/1612 & E53/1816).

SIGNIFICANT LEGACY DRILL RESULTS

shallowly Drilled, average holes drilled <40m

HARRIS' FIND MINERALISATION OPEN
at depth and along strike

GTE RC DRILLING PROGRAMME

completed in July 2022,
significant results received.

SIGNIFICANT POTENTIAL ALONG STRIKE

with the structure extending >3km to the north with little testing



YANDAL WEST PROJECT

HARRIS' FIND

SIGNIFICANT INTERCEPTS OF:

- **12m @ 2.1 g/t Au from 35m (GYWRC009)**
- **3m @ 3.1g/t Au from 53m (GYWRC010).**



Mineralised structure open at depth, north and to the south.



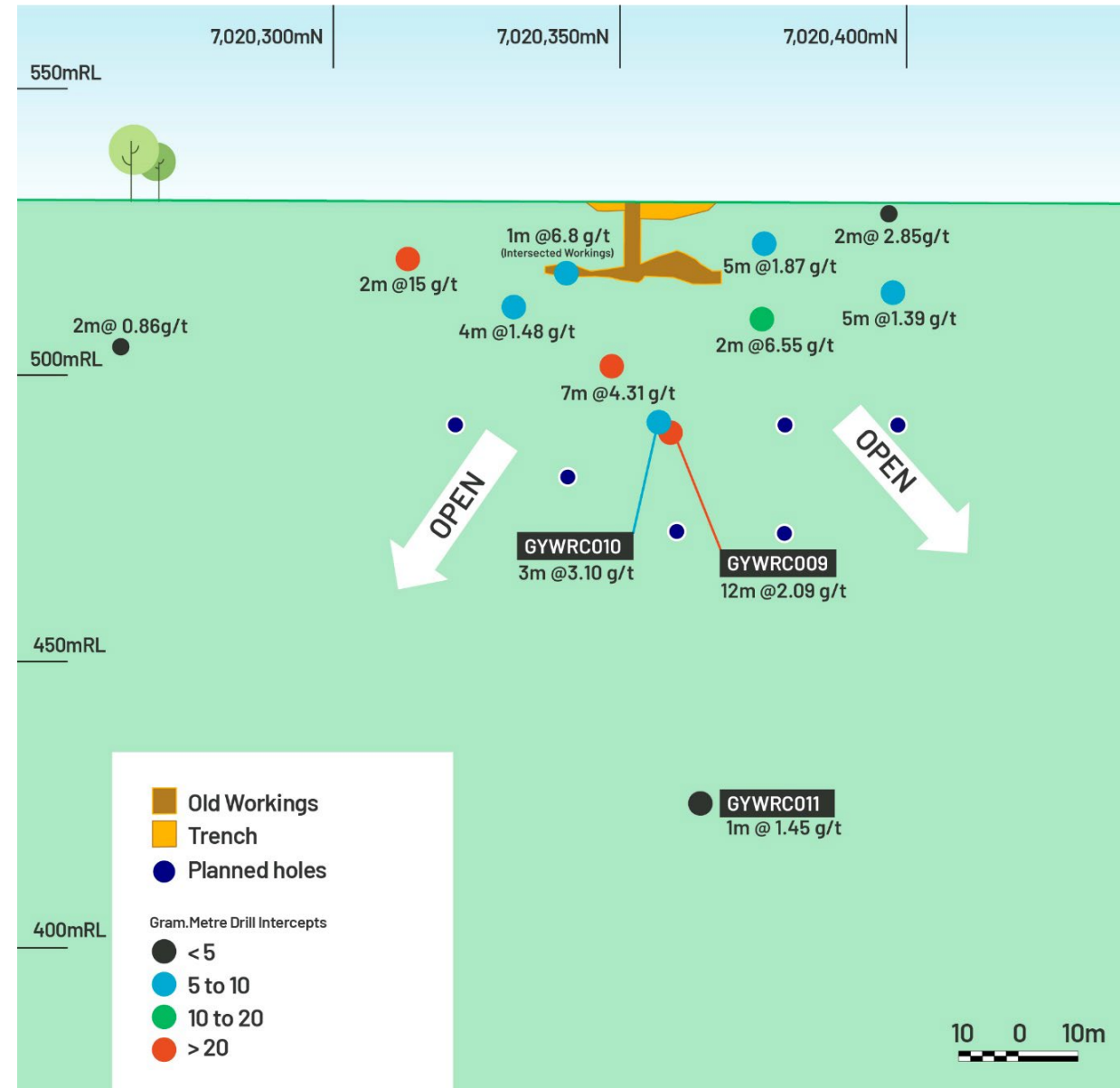
The gold lode at Harris' Find was worked in the 1930s, with a small shaft and drive mined.



The results validate and extends mid-1990s drilling that defined shallow high-grade mineralisation.



Follow-up drilling planned to define characteristics and plunge of mineralisation.



YANDAL WEST PROJECT

HARRIS' FIND

→ **INTERPRETED BARWIDGEE STRUCTURE THAT HOSTS HARRIS' FIND EXTENDS >3KM FROM DEFINED MINERALISATION, LITTLE PREVIOUS TESTING**



Recent interpretation of geophysics-geochemical data extends mineralised structure >3km to north



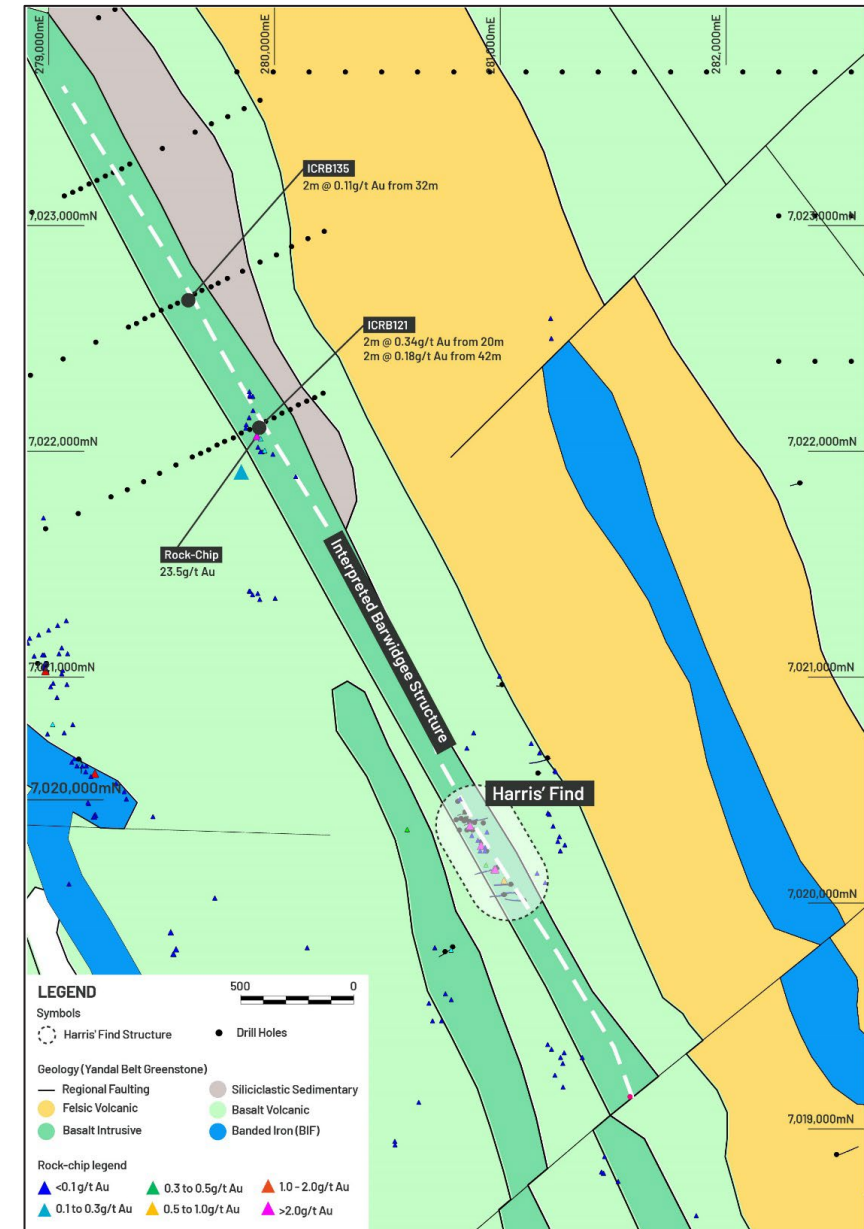
High-grade rock-chip taken by GTE along structure recorded 23.5g/t Au.



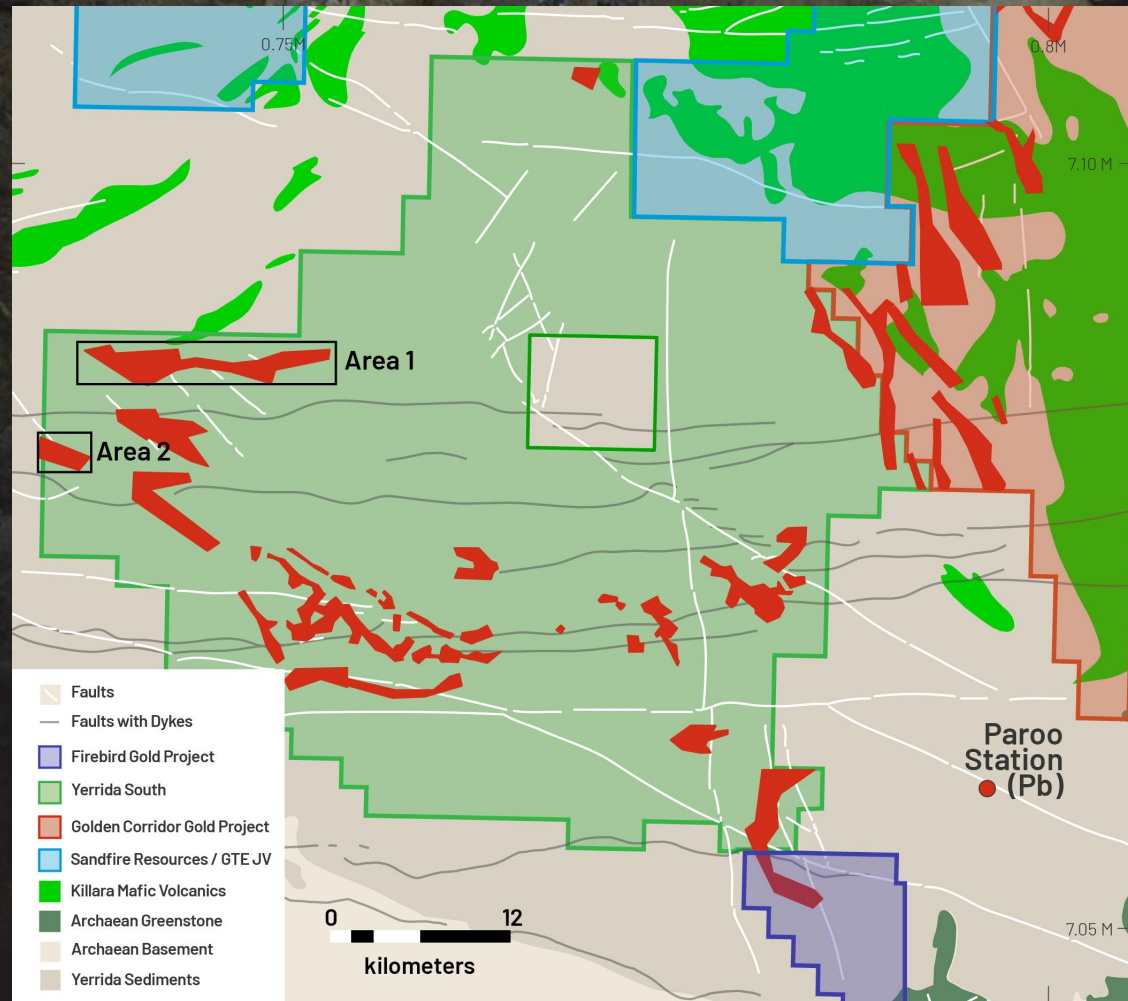
Interpreted structure corresponds with anomalous RAB drilling results drilled late 1990s



Extensive drill programme planned along Barwidgee Structure and Harris Find once final approvals in place



YERRIDA SOUTH



~1,600 sq.km

The Yerrida South Project Area is a large holding located within the southern half of the Yerrida Basin; currently actively explored by Sandfire Resources.



BROAD SPACED REGIONAL RECONNAISSANCE

and infill Ultrafine+ soil sampling programme has been completed by Great Western.



GREAT WESTERN ANTICIPATES

these additional exploration programmes will result in several compelling drill targets being defined.



PROMISING Ni-PGE-Cu ANOMALISM

has been identified at the Project, prospective for DeGrussa style VHMS mineralisation.



FURTHER FIELD WORK IS PLANNED

once all assays have been received and interpreted. This work will likely comprise infill soil sampling, mapping and geophysical surveys.

FAIRBAIRN BASE METAL PROJECT

LARGE 960KM²

100% owned strategic land position within the rapidly evolving Earacheedy Basin.



LIMITED PREVIOUS EXPLORATION

with the little work undertaken from the late 1980s to mid-1990s focused on diamond exploration.



FOLLOWING THE GLOBALLY SIGNIFICANT DISCOVERIES

of magmatic nickel deposits such as Nova and Julimar discovered on the boundary of the Yilgarn Craton, this region is now being aggressively explored for nickel, copper and PGEs.



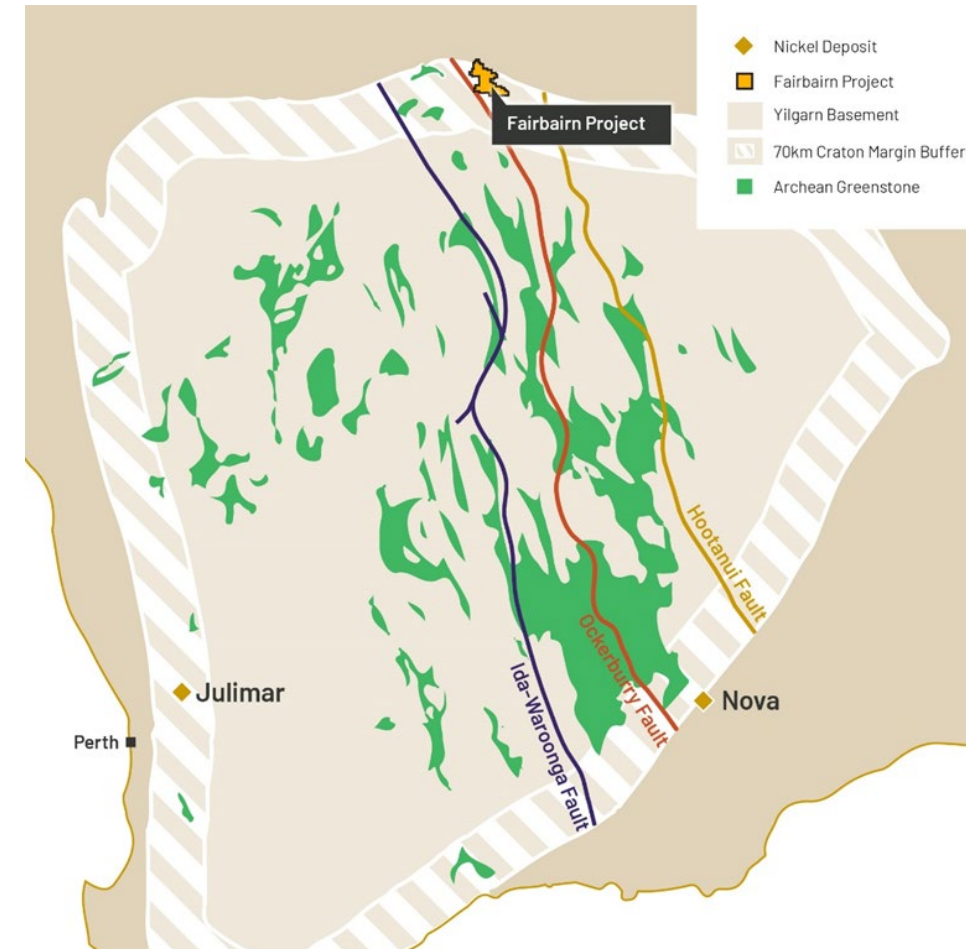
PLANNED INITIAL WORK AT FAIRBAIRN

includes airborne electromagnetic and high-resolution magnetics surveys, which is anticipated to define several exciting targets.

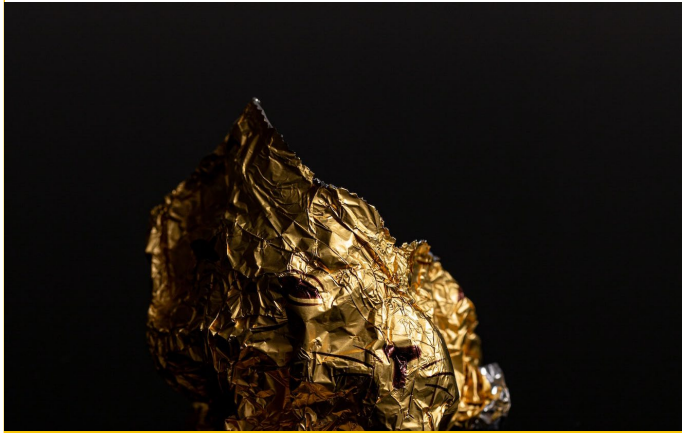


A REVIEW OF THIS WORK HIGHLIGHTED

18 historical drill holes assayed for nickel, with two of these holes reporting highly anomalous shallow nickel results of >1,000ppm Ni. Several unmapped mafic-ultramafic lithologies were noted, prospective for Nova-Julimar style mineralisation.



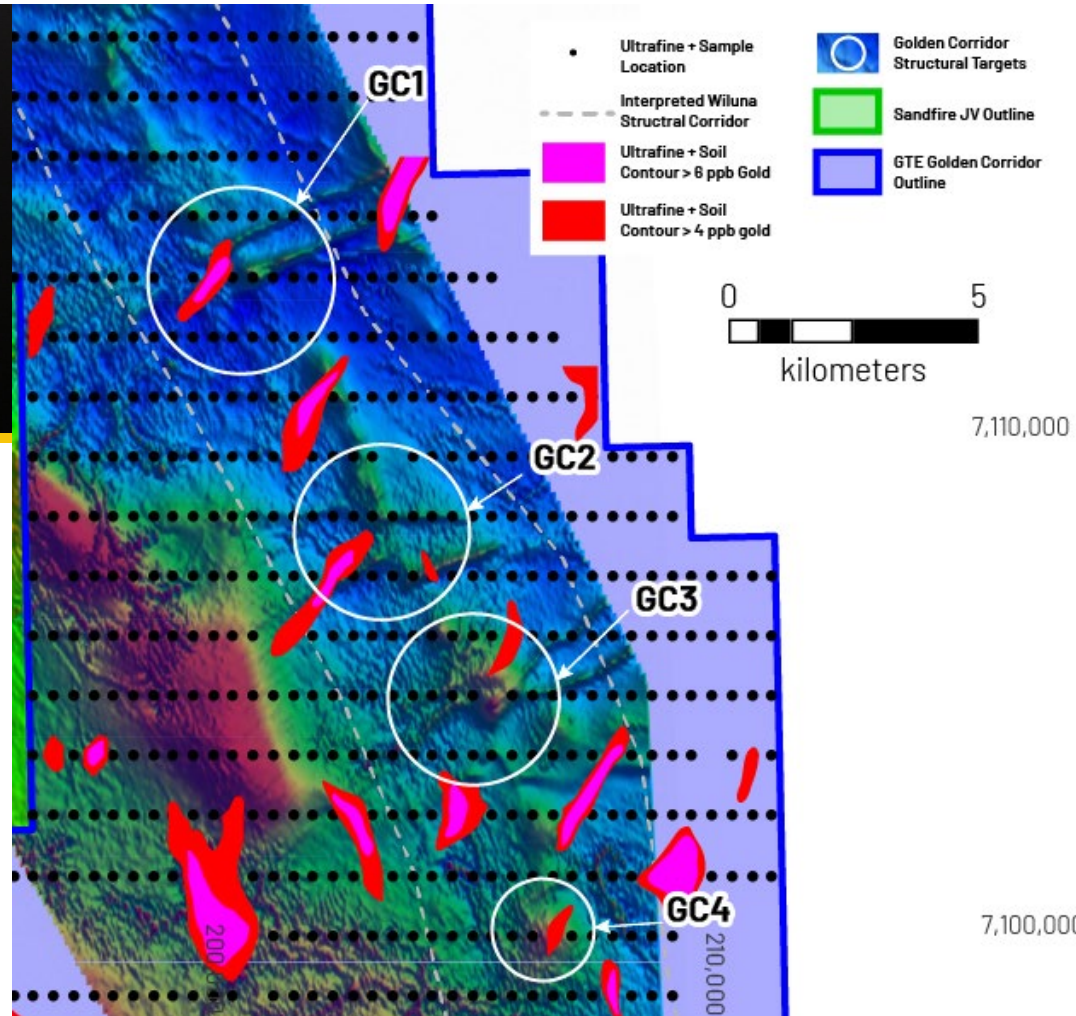
GOLDEN CORRIDOR PROJECT



Great Western's Golden Corridor Project area represents a large scale

+60KM STRIKE, 1,000KM²

practically untested Western Australian greenstone gold exploration opportunity.



The Project located along strike from the multi-million-ounce Wiluna Mining Centre.

Broad spaced Ultrafine+ soil sampling programme completed, identifying previously defined structural targets (GC1 to GC4), and defining several new gold in-soil anomalies.

These targets over under-explored shallow covered greenstone sequence with known gold endowment makes for a compelling opportunity.

Infill Ultrafine+ soil sampling has been completed (results pending) which will further define these targets for a potential maiden drill programme.

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FIREBIRD GOLD PROJECT

THE FIREBIRD GOLD PROJECT IS MADE UP OF GTE

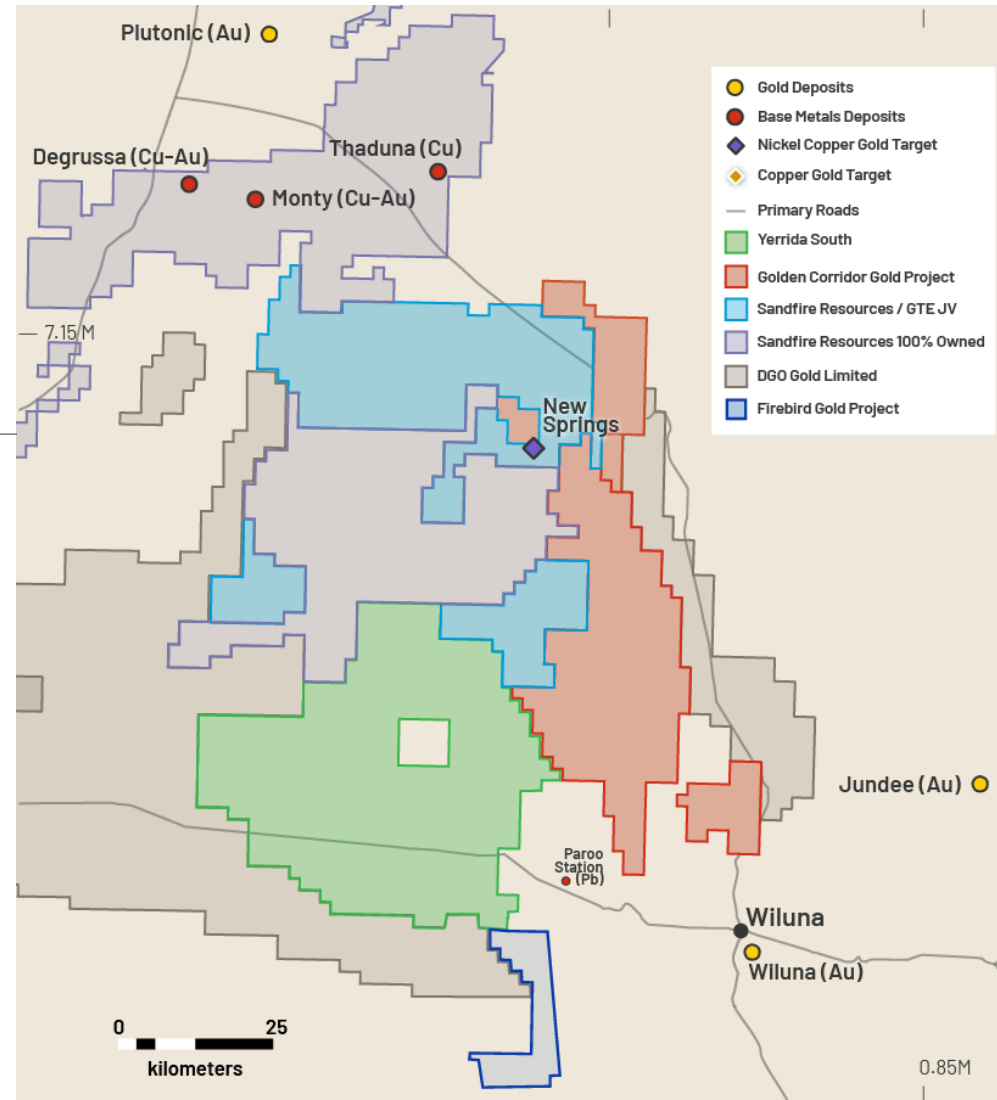
100% TENURE AND A JOINT VENTURE

(GTE earning 80%) with Jindalee resources limited (ASX:JRL).

THE PROJECT CONTAINS A LARGE, STRONG, GOLD + ARSENIC-IN-SOIL ANOMALY

2.1KM LONG AND 350M WIDE

Located in prospective Archean greenstone, ~30km south-west of the multi-million-ounce Wiluna Mining Centre in WA.



The target is associated within a series of interpreted NNW-SSE trending splay faults, with the anomaly located on the boundary of 100% GTE owned tenure; additional tenure was secured (Jindalee JV) to capture the anomaly in its entirety.

In addition, several highly prospective structural targets have been interpreted within the Firebird Gold Project area along strike.

Initial field work programme at the Firebird Gold Project and the broader project will include infill and extensional soil sampling, mapping and follow up drilling targeting.

ATLEY GOLD PROJECT



Ramelius Resources' high grade Penny West discovery is approximately 60km along strike and expected to be brought into production and trucked to Ramelius Mt Magnet Operation.



With numerous hungry mills within the Sandstone/Youanmi region, a new discovery has the potential to add significant value to shareholders.



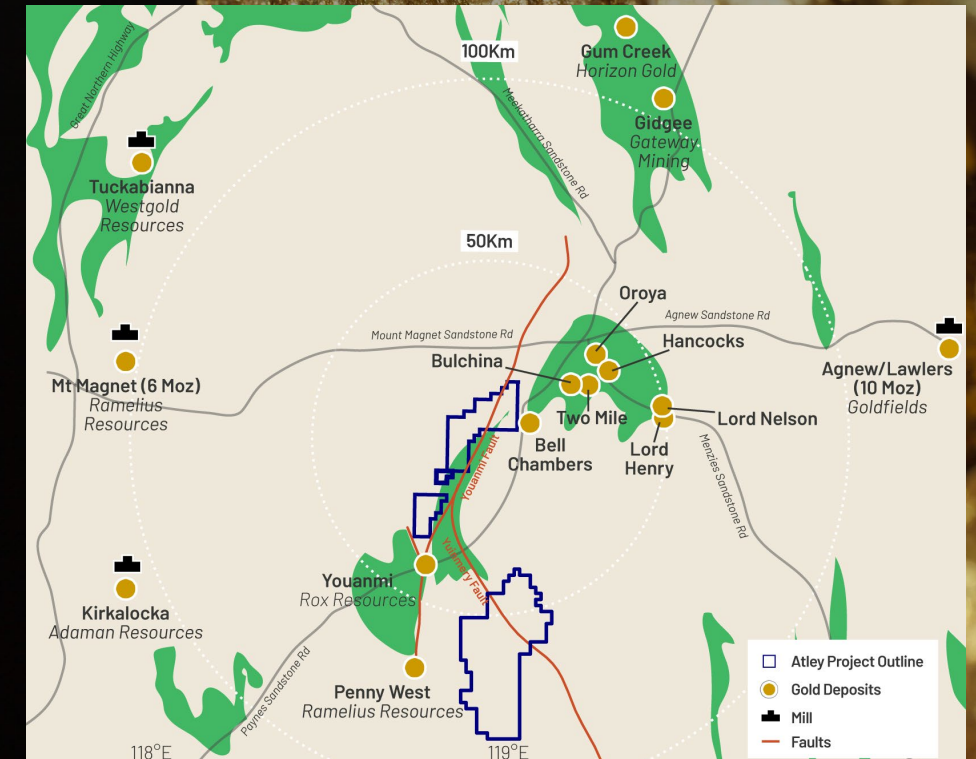
Several highly prospective structural targets will be explored across the Atley North Gold Project, including numerous splay faults. These splay faults are interpreted to be related to the Youanmi Fault and virtually unexplored.



The structural targets provide similar settings to the Youanmi gold deposit, Penny West and the Grace discovery.

>1,000km²

The Atley Gold Project is a large land holding covering a significant strike length of the Sandstone – Youanmi Greenstone Belt.



ASX:GTE

EXPLORING FOR SIGNIFICANT COPPER AND GOLD DEPOSITS IN WESTERN AUSTRALIA



WORLD CLASS

large land position within prolific regions of Western Australia.



Q2 2022

Extensive drilling programme testing Barwidggee Structure and Harris' Find



FIELD WORK PROGRAMMES

Numerous field work programmes across multiple Projects currently underway.



\$4.6M

in cash* and a tight capital structure provides leverage.

*As at June 30 2022



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A S X : G T E

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COMPETENT PERSONS STATEMENT

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 (5/7/2017, 11/11/2019, and 31/08/22.) 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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