

## Highly leveraged to exploration success in world-class WA goldfields

- **Copper-nickel-cobalt discovery at Mt Venn**
  - 9km EM conductor and geochem trend defined
  - Maiden RC drilling program underway
- **High grade gold identified at Tarmoola Project**



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# Corporate Overview

## Board of Directors

<b>Greg Hall</b>	Non Exec Chairman
<b>Stefan Murphy</b>	Managing Director
<b>Murray Black</b>	Non Exec Director
<b>Melanie Leighton</b>	Non Exec Director
Key Advisors	
<b>John Beeson</b>	Chief Structural Geologist
<b>Scott Halley</b>	Chief Geochemist

- WA focused explorer – Tight capital structure with 68.4m shares on issue
- Strong leverage to exploration success:
  - \$13.0m market cap (19¢ per share), \$8.7m enterprise value, fully funded with \$4.3m cash
- Experienced board and management with strong discovery track record in Eastern Goldfields

## Capital Structure

<b>Share Price</b> <small>(23/10/2017)</small>	\$0.19/share	
<b>Total Shares on issue</b>	68.4m	
<i>Escrow shares (18 November 2018)</i>	20.0m	
<i>Tradeable shares</i>	48.4m	
<b>Total Options on issue</b>	38.1m	
<b>Performance Rights on issue</b>	2.0m	
<b>Market capitalisation</b> <small>(23/10/2017)</small>	\$13.0m	
<b>Cash balance</b> <small>(30/06/17)</small>	\$4.3m	
<b>Debt</b>	Nil	
<b>Enterprise Value</b>	\$8.7m	
Shareholders	Shares	
<b>Exploration Capital Partners</b>	3,571,429	5.2%
<b>Directors</b>	6,664,286	9.7%
<b>Key Advisors</b>	5,350,000	7.8%

# Projects Overview

## Yamarna – Mt Venn

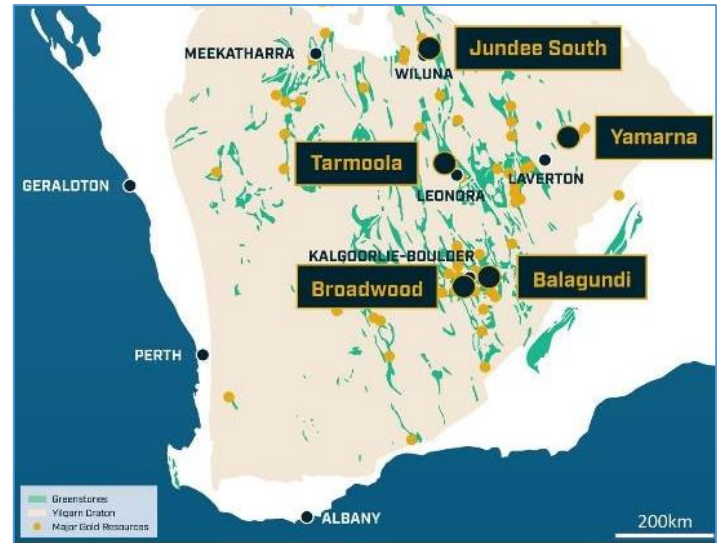
- Copper-Nickel-Cobalt project located 25km west of the Gruyere gold project and 130km east of Laverton in WA
- First hole drilled at the Mt Venn prospect returned assays up to 1.7% copper plus nickel and cobalt
- Multiple EM conductors identified from ground based EM survey, with co-incident copper-nickel aircore geochem – 9km prospective trend identified
- No carbonaceous shales or graphitic units encountered
- Maiden RC drill program underway – confirmed massive to semi-massive sulphides as source of EM conductors

## Tarmoola

- A large-scale regional geochemical anomaly which incorporates the King of the Hills and Gwalia gold mines
- Recent mapping and sampling identified a 2km high grade gold trend

## Jundee South

- 10km along strike from the Jundee Gold Mine (+7Moz) and containing the Jundee mine host rocks and surface gold nuggets



## Balagundi

- Located 20km east of the Kalgoorlie Super Pit, includes significant historical workings and high grade drill intersections close to processing facilities

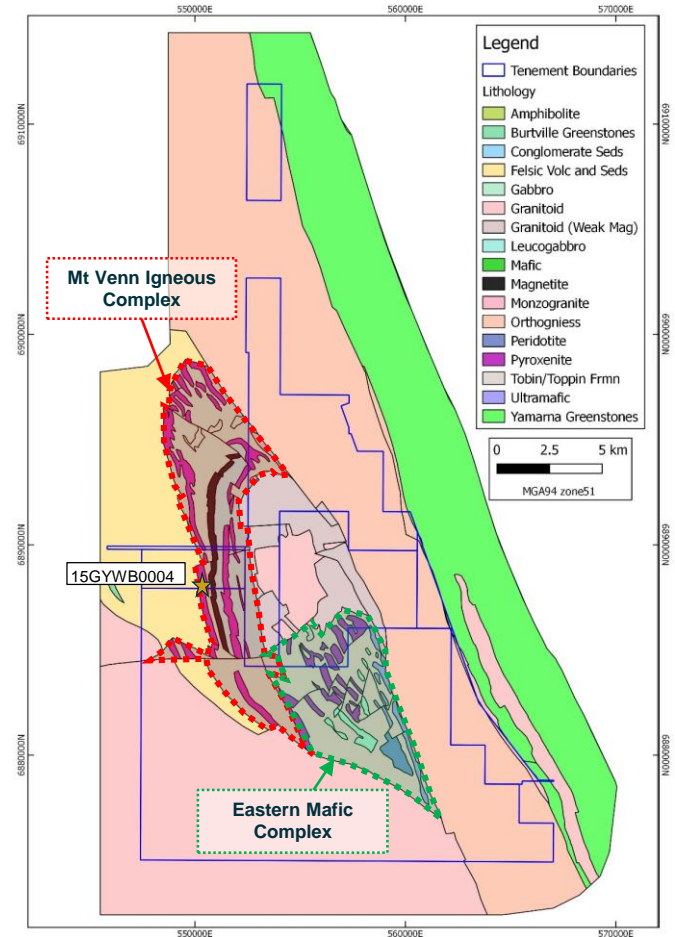
## Broadwood

- Located adjacent to the Binduli gold mine and 10km west of the Kalgoorlie Super Pit

# Yamarna – Mt Venn Project

## Emerging Cu-Ni-Co province

- Very limited previous exploration
- Host to the Mt Venn igneous complex, highly prospective copper-nickel-cobalt magmatic sulphide mineralisation
- Previous drilling by Gold Road (15GYWB0004) intersected sulphide mineralisation co-incident with large EM anomaly
- Prospectivity of the region highlighted by Gold Fields' recent acquisition of 50% of the Gruyere gold project – located 25km east from the Yamarna Project
- Gruyere is now fully funded, with infrastructure upgrades underway, including gas pipeline and water bore field, improving regional infrastructure
- GBR has executed a JV agreement to earn a 75% interest through exploration expenditure of \$2,000,000 over five years

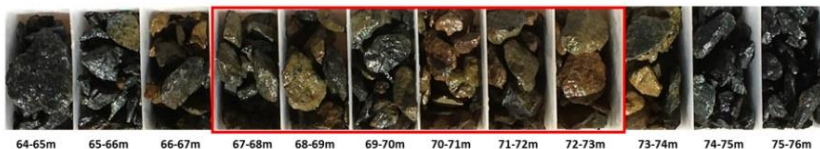




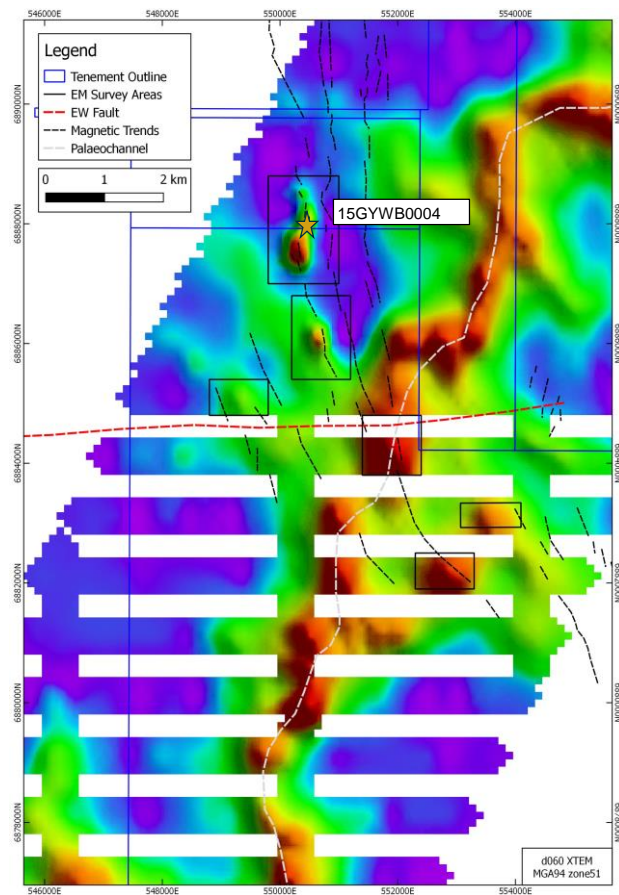
# Yamarna – Mt Venn Project

## Mt Venn Cu-Ni-Co prospect

- First assays from Mt Venn show bedrock sulphide copper-nickel-cobalt mineralisation is the source of a large EM anomaly intersected in 15GYWB0004
- Assays return grades up to 1.7% Cu, 0.2% Ni and 528ppm Co from a single drill hole
- Drilling to-date (RC and aircore) shows no presence of carbonaceous or graphitic shales that may produce spurious EM anomalies



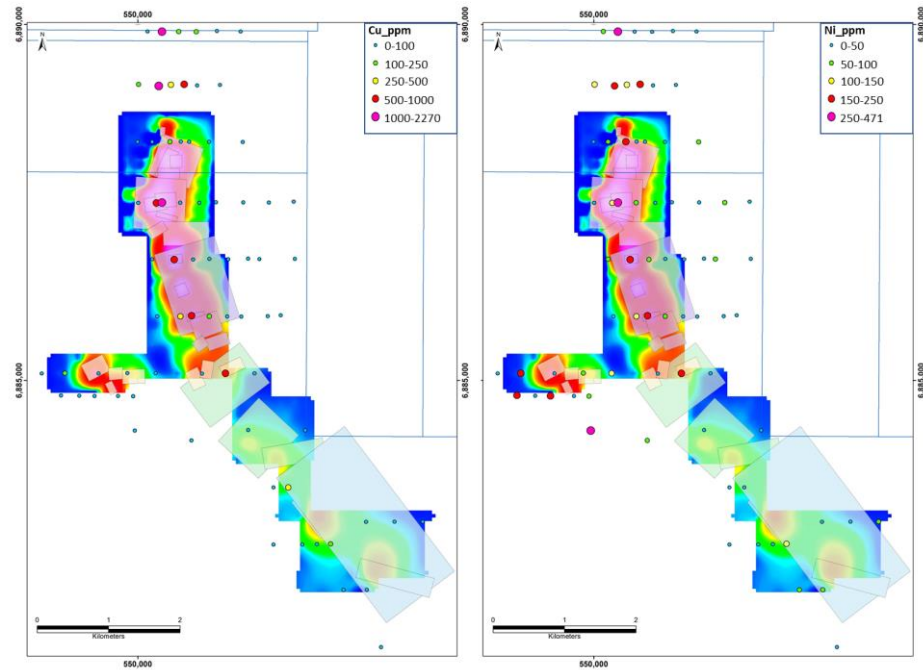
Zone	From (m)	To (m)	Interval (m)	Cu (%)	Ni (%)	Co (ppm)
Upper	67	73	6	0.54	0.08	244
		<i>including</i>	1	1.53	0.12	341
Lower	85	88	3	0.85	0.12	360
		<i>including</i>	1	1.71	0.07	235



# Yamarna – Mt Venn Project

## Multiple EM conductors identified with associated Cu-Ni-Co

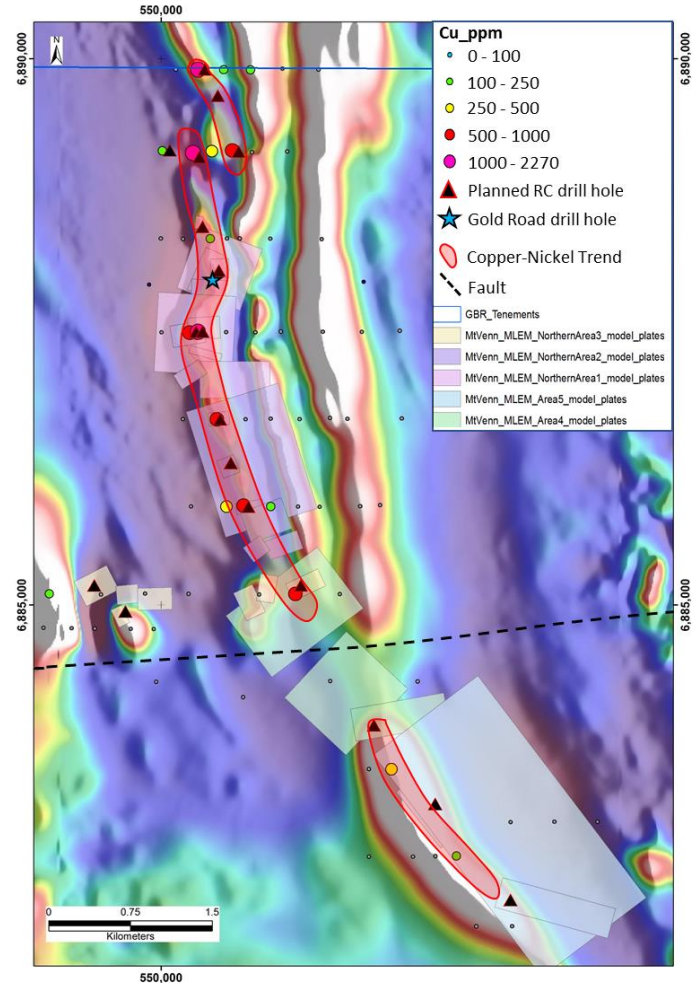
- Ground based moving loop EM survey and aircore geochemistry completed in September 2017
- EM survey identified multiple conductors along the entire survey length that exhibit strong late-time responses indicative of a bedrock source
- EM plate modelling shows a series of shallow, stacked conductors along a 3.6km strike length in the north with co-incident Cu-Ni mineralisation
- The geochemical anomaly extends further north of the survey area, where strong Cu-Ni and associated Ag-Zn-Pb results are returned
- Transported cover increases in the south, however ground-based EM has identified late-time bedrock conductors beneath the cover with moderate Cu-Ni anomalism



# Yamarna – Mt Venn Project

## RC drilling commenced

- An RC drill program is currently underway at Mt Venn to test 18 of the 32 EM conductor plates
- A total of 9 RC drill holes have been completed to-date
- The initial focus has been the northern EM conductor trend where 7 holes have been drilled
- Drill holes targeting the modelled EM plates have intersected semi-massive to massive sulphide mineralisation over varying widths up to 40m
- No carbonaceous sediments or graphitic units have been encountered in the drilling
- Sulphide mineralisation is pervasive throughout, showing a highly sulphur saturated system within metamorphosed dolerite and gabbro
- The visually logged sulphide mineralogy is pyrrhotite dominant with chalcopyrite (copper-sulphide mineral)

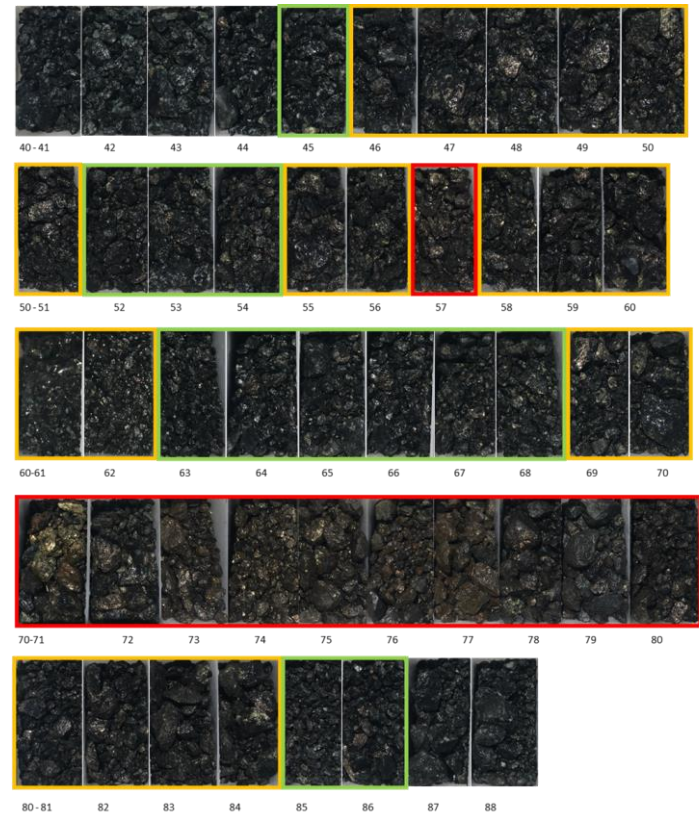




# Yamarna – Mt Venn Project

## RC drilling commenced

- The zones of sulphide mineralisation correlate relatively well with the location of the EM plates
- Drill hole 17MVRC001 tested the deeper conductor, which confirmed a wide zone of intense sulphide mineralisation as its source
- Drill hole 17MVRC002 (right) tested the shallower conductor, 60m east of 17MVRC001, also confirming massive to semi-massive sulphide mineralisation as the source of the EM conductor
- Extensive sulphide mineralisation has also been logged north and south along strike from 17MVRC001 and 002
- All samples are being dispatched to Perth for chemical analysis (first 7 holes sent to-date)
- All holes are cased for downhole EM which will be used with the assay data to improve the EM plate modelling

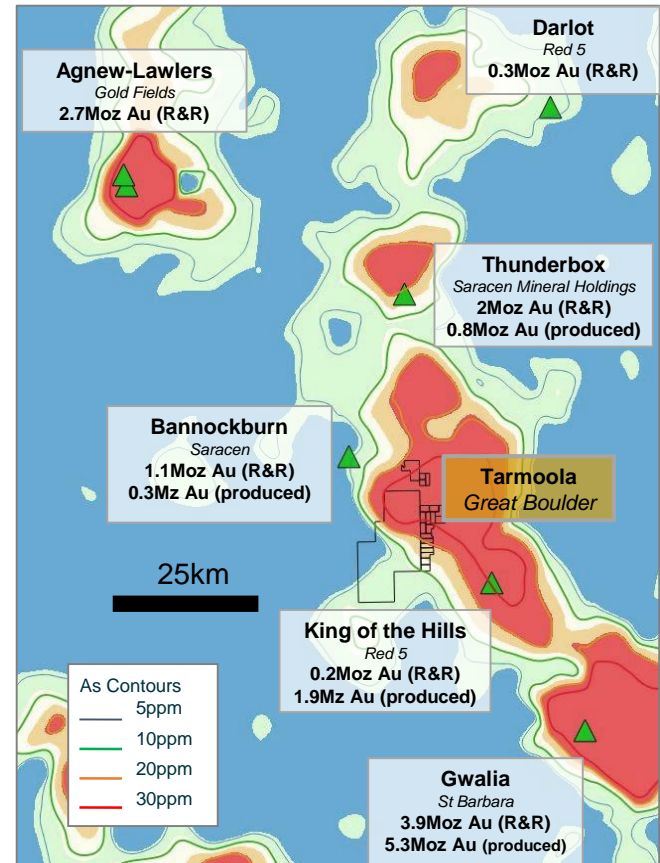


**17MVRC002 – Sulphide mineralised interval** (Red > 20% sulphide, Orange > 10% sulphide; Green > 5% sulphide)

# Tarmoola Project

## Large-scale gold potential

- Located 40km NW of Leonora, just west of the King of the Hills gold mine
- Lies along the same geochemical trend as King of the Hills and Gwalia, containing the northern extension to a regional granite-greenstone contact
- Significant land position assembled – structurally known to be associated with neighbouring gold mineralisation
- Great Boulder has identified high grade gold mineralisation on the Tarmoola project in close proximity to large regional structures
- GBR has executed a JV agreement to earn a 75% interest through exploration expenditure of \$1,400,000 over five years

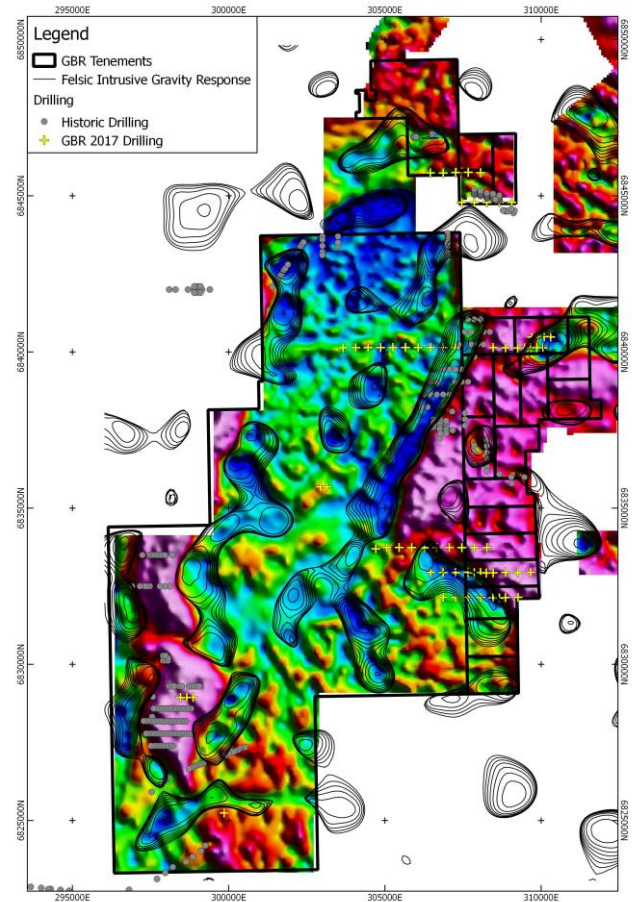


Tarmoola regional deposits with arsenic soil anomaly

# Tarmoola Project

## Extensive granite-greenstone terrane

- Large area of granite-greenstone contact, intersected by large regional gold bearing structures
- Gravity survey undertaken to define the granite-greenstone contact and identify granite intrusions associated with large structures
- Gravity data was combined with third party data, incorporating nearby gold deposits, to generate a regional map with deposit scale detail
- Aircore geochem drilling was completed in May 2017 to test granite intrusions identified in gravity survey and to map the regolith profile for gravity inversion modelling
- Gravity inversion modelling (contours on gravity image) shows multiple granites intruding the greenstone sequence (magenta colour)

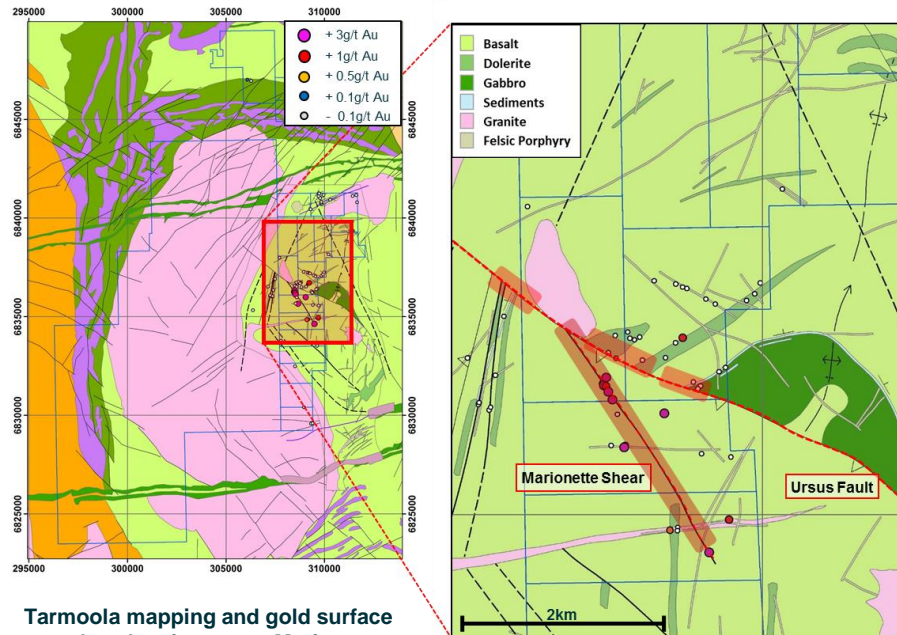


Gravity image and interpreted granitoid intrusion response

# Tarmoola Project

## Mapping identifies high-grade gold zone

- Recent mapping and surface sampling has identified high grade gold mineralisation associated with the Ursus Fault and Marionette shear zone within the Tarmoola Project
- A significant zone of high grade mineralisation has been delineated over a 2km strike length along the Marionette shear,
- Significant rock chip results from historical workings include:
  - 23.9g/t Au
  - 17.3g/t Au
  - 12.7g/t Au
  - 9.1g/t Au
- Soil sampling program designed and will commence imminently
- A maiden RC program will be designed once results from the soil sampling program are received in November



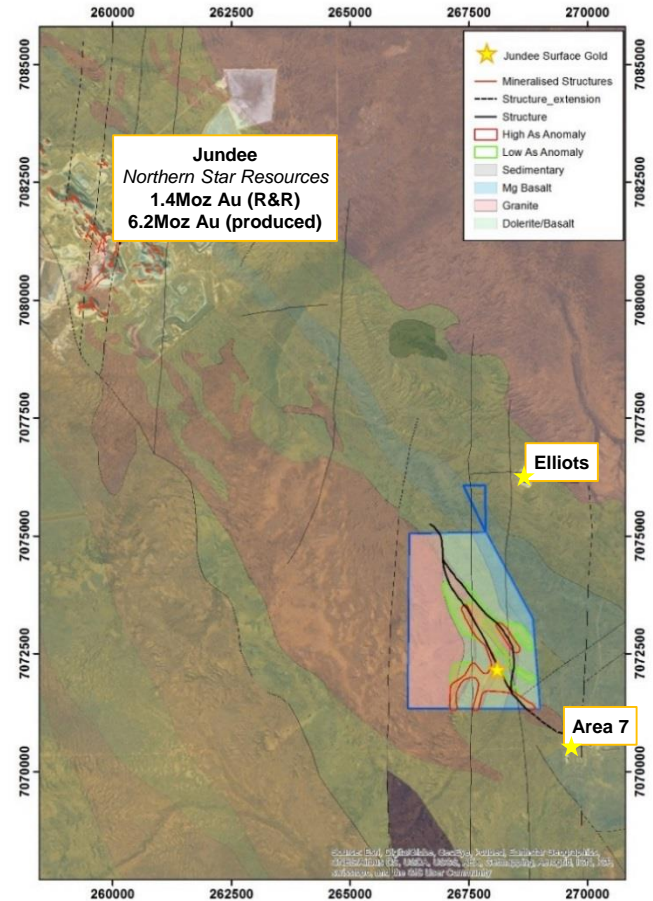
Tarmoola mapping and gold surface samples showing target Marionette shear and Ursus Fault



# Jundee South Project

## Compelling target of significant scale

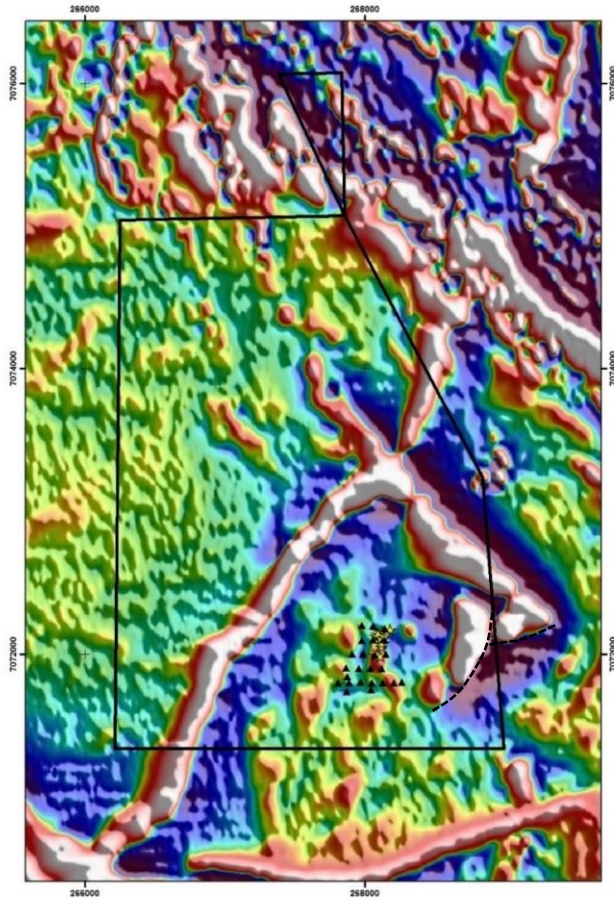
- Located 10km along strike from the 7Moz Jundee gold mine and within 2km of the Elliott and Area 7 open pits
- Jundee gold mine stratigraphy extends through the Jundee South project with 3km of strike potential
- Discovery of a large accumulation of gold nuggets (16.6oz) along a 200m trend within the Jundee South project
- Geochemistry programme highlights a strong arsenic and pathfinder trend, with the surface gold located near the highest arsenic values
- Heritage survey and initial RC programme completed in January
- GBR owns a 100% interest in the Jundee South project



Jundee South project in relation to Jundee gold mines



# Jundee South Project

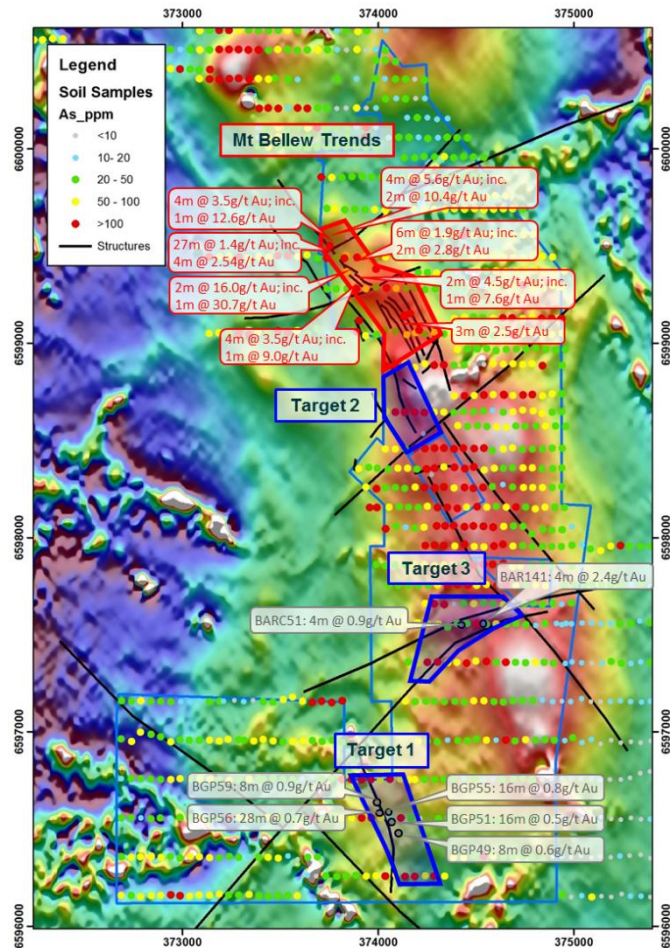


- Drilling identified significant structures with sulphide mineralisation, quartz veining and alteration within the host Jundee dolerite sequence
- Highly anomalous pathfinder geochemistry present, albeit only low grade gold results returned
- Field mapping and sampling was undertaken in August 2017
- Infill aircore drill program now being planned

Jundee South project over re-processed magnetic image drill hole locations

# Balagundi Project

- Several historic gold mines located on and around the project, including high-grade Mount Bellew underground mine
- Historical gold production sourced from multiple high-grade quartz lodes (average grade of +1oz Au)
- Significant previous drilling intersections include:
  - 24m grading 19.1g/t gold from surface
  - 4m grading 40.4g/t gold from 99m downhole
  - 12m grading 15.2g/t gold from 36m downhole
- 5,610m RC programme completed in November & December 2016 (Mt Bellew):
  - 2m at 16.0g/t gold from 88m downhole
  - 4m grading 3.5g/t gold from 26m downhole
  - 27m grading 1.4g/t gold from 21m downhole
  - 4m grading 5.6g/t gold from 135m downhole
- Additional targets generated for drill testing



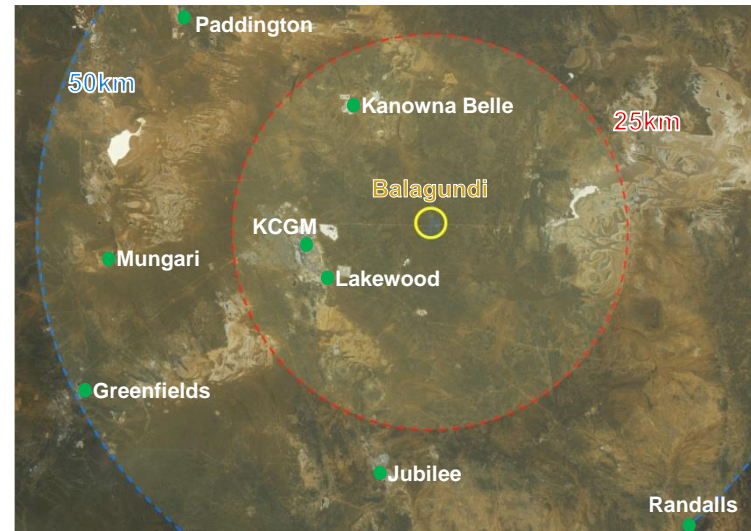
# Balagundi Project

## Local infrastructure advantage

- Balagundi is located in the heart of the Kalgoorlie mining district, only 20km from the Super Pit and many processing facilities:

Location	Operator	Plant
<b>Kanowna Belle</b>	Northern Star	1.8Mtpa CIL and roaster
<b>Jubilee Mill</b>	Westgold	1.2Mtpa CIL, currently toll treating
<b>Randalls</b>	Silver Lake	1.2Mtpa facility
<b>Paddington</b>	Zijin Mining	3.7Mtpa CIP
<b>Mungari</b>	Evolution	1.5Mtpa CIL
<b>Greenfields Mill</b>	FMR	Toll treatment mill

- Balagundi is well serviced by road, power and water infrastructure, potentially reducing start up capital and accelerating development
- GBR has executed a JV agreement to earn a 75% interest through exploration expenditure of \$1,000,000 over 5 years



Proximal processing facilities to the Balagundi project





# Key Investment Takeaways

## Quality projects, clear strategy for success

- Highly-leveraged to exploration success in WA (market cap: \$130.m at 19¢ per share)
- Fully-funded for aggressive exploration campaign (\$4.3m at June 30, 2017)
- Copper-nickel discovery at Mt Venn - EM and aircore geochem programs completed, identifying extensive EM conductors and coincident Cu-Ni mineralisation
- High grade gold identified at Tarmoola
- Maiden RC drill programme now underway at Mt Venn, scheduled for completion in early November
- Near-term news flow:
  - November 2017: Maiden RC drill results from Mt Venn
  - November 2017: Soil geochem from Tarmoola
  - December 2017: Phase 2 drilling at Mt Venn
  - December 2017: Maiden RC drilling at Tarmoola
- Data compilation and desktop analysis continues on new opportunities





# Great Boulder

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