## **RIU Explorers Conference**

19th February 2019



**ASX: AGS** 



# The Emerging Wilcherry Gold Camp A High Grade, Shallow, SA Gold System



## **Cautionary & Competent Persons Statements**



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#### **Cautionary and Forward Looking Statements**

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#### **Competent Person's Statement**

The information in this report that relates to the Exploration Results is based on information compiled by Mr Anthony Gray and Mr Stephen Johnston. Mr Gray is a Member of the Australian Institute of Geoscientists and is a part-time contractor to Alliance Resources Ltd. Mr Johnston is a Member of the Australasian Institute of Mining and Metallurgy and is a full-time employee of Alliance Resources Ltd. Mr Gray and Mr Johnston have sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which they are undertaking to qualify as Competent Persons as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Gray and Mr Johnston consent to the inclusion in the report of the matters based on their information in the form and context in which it appears.

### ADVANCED GOLD PROJECT



#### PROGRESSING WEEDNANNA TOWARDS PRODUCTION



- **High Grade, Shallow Gold System**
- **181,000 oz gold resource @ 5.1 g/t gold** (49% Indicated Resources)
- **Scoping Study** commenced, completion due Q1 2019
- Positive Scoping Study will enable rapid transition to Pre-feasibility Study (PFS)
- Existing environmental, heritage & hydrogeology studies from previous WH Iron Project
- Significant exploration upside to increase the size of the Mineral Resource and nearregional potential for new gold discoveries (Wilcherry Gold Camp)

### **Corporate Overview**

### **Capital Structure and Shareholders**



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Shares on Issue 104.3 M

Market Cap \$10.4 M

Cash @ 31 Dec 18 \$ 3.0 M

Listed Investments \$ 0.5 M

Enterprise Value \$ 6.9 M

Options 1.5 M

#### **MAJOR HOLDERS**

Abbotsleigh	31.6 %
<b>Phoenix Portfolio</b>	5.5 %
Sandon Capital	5.2 %
Top 20 holders	<i>59.0 %</i>

#### **BOARD & EXECUTIVE MANAGEMENT**

#### Ian Gandel

Chairman

Mining entrepreneur involved in the industry since 1994. NED Chairman, Alkane Resources Ltd

#### **Tony Lethlean**

Director

25 years' experience in underground mining at Kalgoorlie & Bellevue and stockbroking and project finance, including CIBC World Markets. NED Alkane

#### **Steve Johnston**

**Managing Director** 

30 years' exploration and mining geology. Previous roles with Exco, Croesus, Metana, Wiluna and Metals Exploration

#### **Bob Tolliday**

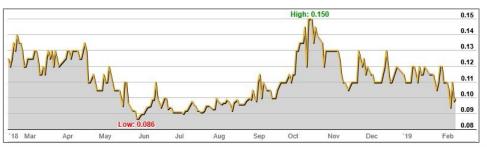
CFO & Co. Secretary

Chartered Accountant with over 30 years' experience including accounting, audit, corporate finance, including with KPMG and Pitcher Partners

### **Anthony Gray**

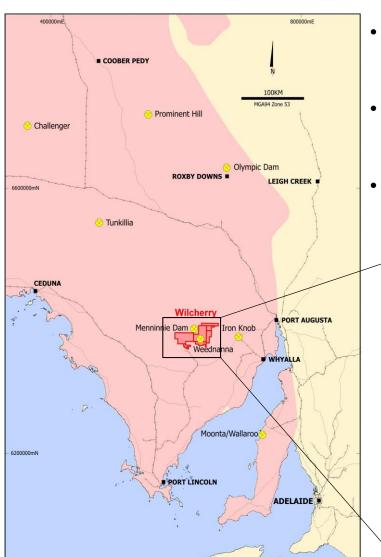
**Exploration Manager** 

20 years' experience in exploration and mining geology WMC, Barra Resources, Breakaway Resources, Octagonal Resources and Gandel Metals

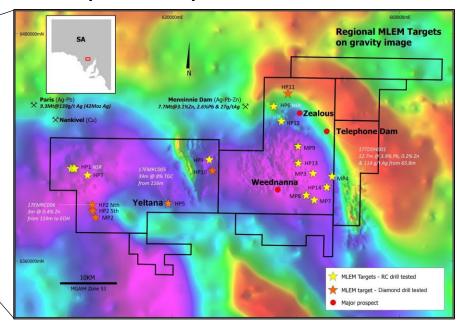


## **Wilcherry Project**



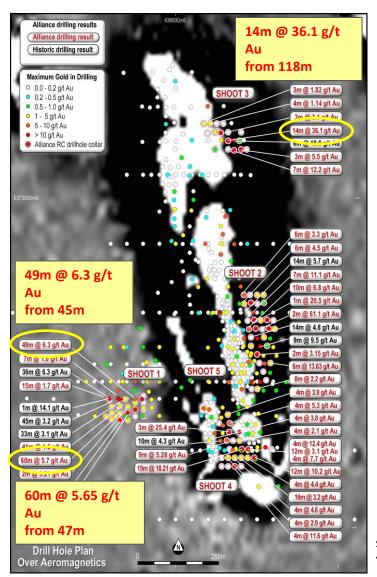


- Located in the Gawler Craton, northern Eyre Peninsula, 40 km north of Kimba
- Joint venture between Alliance (81.41%) and Tyranna Resources Ltd (18.59%)
- Alliance has entered into agreement with Tyranna to acquire its remaining interest, as well as acquisition of an 80 person camp in Kimba, for \$1.5 million





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- Alliance has drilled 119 RC holes for 18,623 m to date
- Bonanza High Grade Gold Shoots\*:
  - 49m @ 6.3 g/t Au (Shoot 1)
  - 60m @ 5.7 g/t Au (Shoot 1)
  - 14m @ 5.7 g/t Au (Shoot 2)
  - 14m @ 36.1 g/t Au (Shoot 3)
  - 15m @ 18.2 g/t Au (Shoot 4)
  - 20m @ 12.4 g/t Au (Shoot 5)
  - 7m @ 21.2 g.t Au (Shoot 5)
- Majority of shoots open in at least one direction
- Potential for new gold shoots along strike and at depth
- Preliminary metallurgical test work on Shoots 1, 2, 3, and 4 gives ~90% average recovery using conventional grind & CIL

Sources: ASX announcements 3 April 2017, 10 April 2017, 28 August 2017, 30 November 2017, 17 January 2018, 4 April 2018, 16 July 2018 and 29 November 2018

#### **Mineral Resource Estimate**



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The maiden Mineral Resource Estimate is classified as Indicated and Inferred in accordance with the JORC Code 2012 Edition, as follows:

Classification	Tonnes	Grade	Ounces				
Above Pit Shells (\$2,000 AUD) >0.5 g/t gold							
Indicated	488,000	3.8	59,000				
Inferred	209,000	2.8	19,000				
Sub-Total	697,000	3.5	78,000				
Below Pit Shells (\$2,000 AUD) >2.0 g/t gold - Underground Potential							
Indicated	102,000	8.8	29,000				
Inferred	298,000	7.8	74,000				
Sub-Total	400,000	8.0	103,000				
Total - Open Pit & Underground Potential (Reported Mineral Resource)							
Indicated	590,000	4.6	88,000				
Inferred	507,000	5.7	93,000				
TOTAL	1,097,000	5.1	181,000				

8 g/t gold below pits!

The reported Mineral Resource is that proportion of gold contained within \$2,000 AUD pit shells >0.5 g/t gold and underground potential >2.0 g/t gold

Optimisations were also run for \$1,600 AUD and \$1,800 AUD pit shells at the same open pit and underground cut-off grades, resulting in only a 4.5% and 0.5% reduction in contained gold, respectively

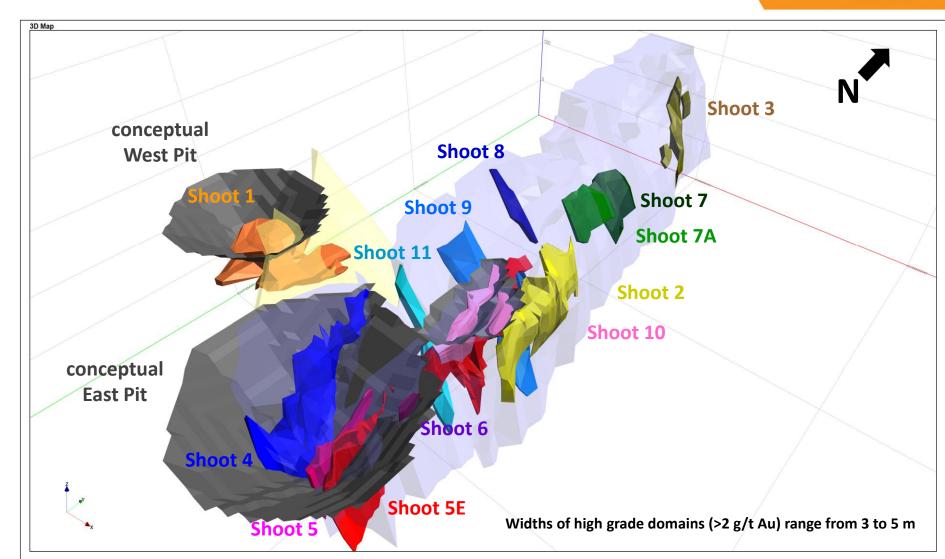
- A robust deposit with outstanding grades & economic potential
- Delivered < 2 years after project entry

Source: ASX announcement 6 September 2018

3D Model



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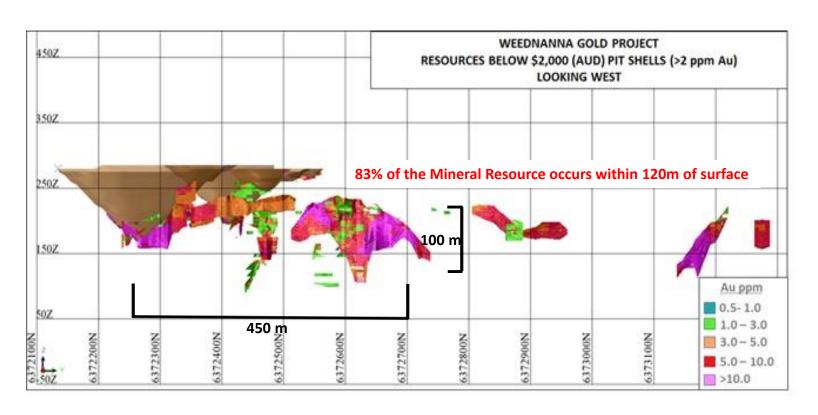


3D view down to northwest

#### **Mineral Resource Model**



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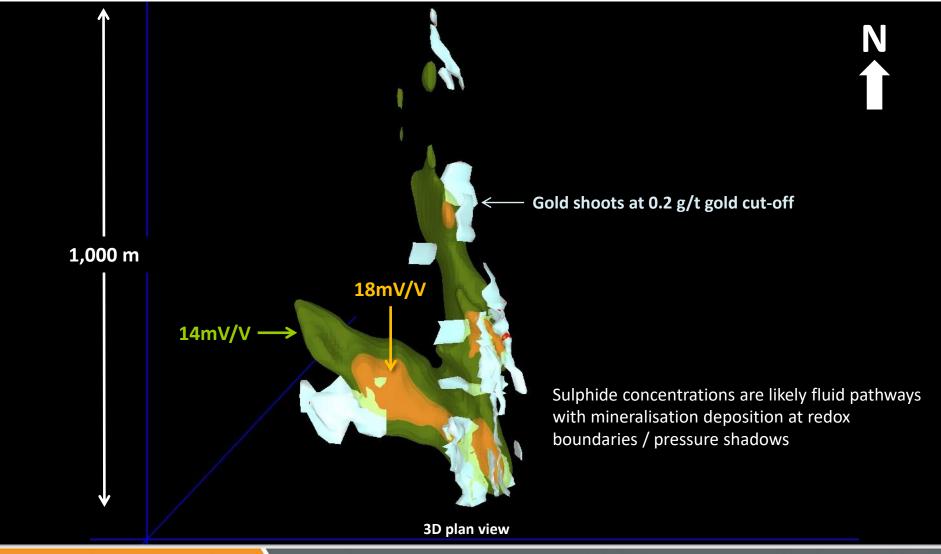
Widths of high grade domains (>2 g/t Au) range from 3 to 5 m, which for underground may be amenable to mechanised mining, e.g. sub-level longhole stoping

Thickness of low grade domains (>0.5 g/t Au) is up to 20m



Chargeability Isosurfaces – interpretation in progress Highs are disseminated sulphides

Gold associated with sulphides but not all sulphides contain gold

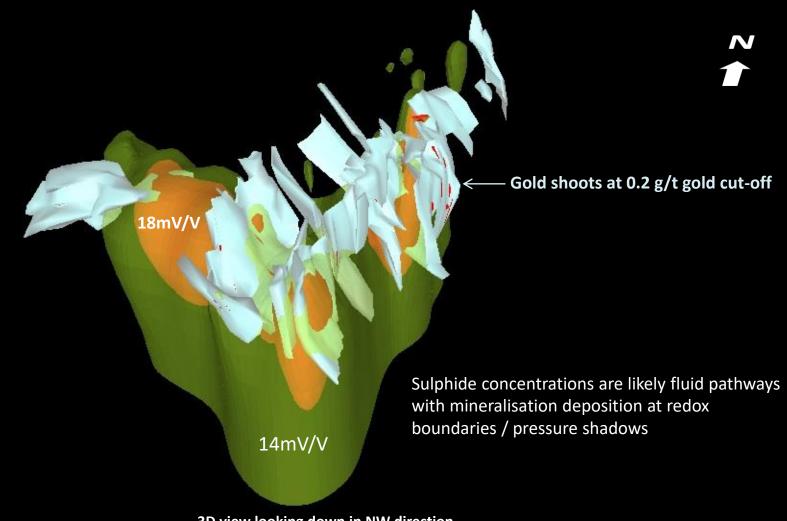




Chargeability Isosurfaces – interpretation in progress Highs are disseminated sulphides

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Gold associated with sulphides but not all sulphides contain gold



3D view looking down in NW direction

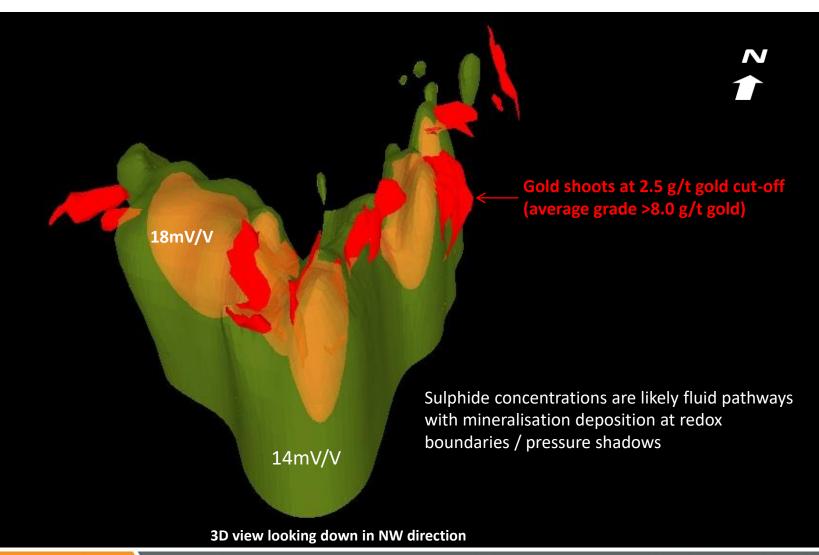


Chargeability Isosurfaces – interpretation in progress Highs are disseminated sulphides

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**ALLIANCE** 

Gold associated with sulphides but not all sulphides contain gold

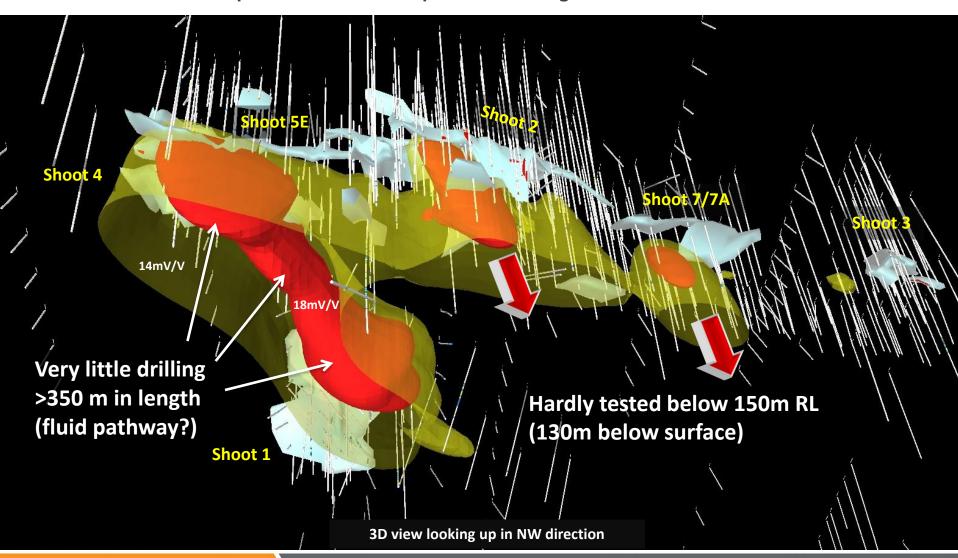




Chargeability Isosurfaces – interpretation in progress Highs are disseminated sulphides

**ASX: AGS** 

Gold associated with sulphides but not all sulphides contain gold



### **Scoping Study**



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### > Experienced Alliance Team with strong history in:

- Gold Exploration
- Project Assessment and Development
- Capital Raising
- Open Pit and Underground Gold Mining

### ➤ Mining One completing Independent Scoping Study

- 250-300kt pa processing facility
- Open pit and underground mining studies
- Assess historic iron ore mine permitting work
- Gap analysis
- Map critical path to production
- Scheduled for completion March qtr 2019



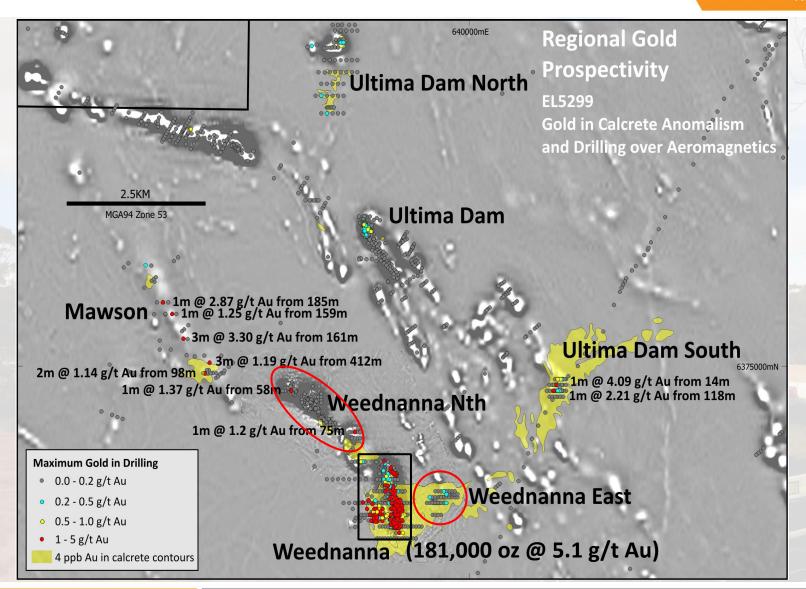




### **Near-Regional Gold Potential**

Wilcherry Gold Camp – gold in iron skarns

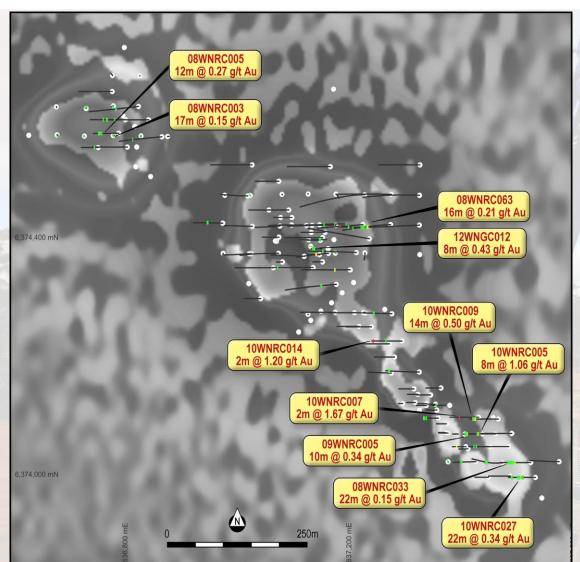




### **Near-Regional Gold Potential**

### **Weednanna North Prospect**



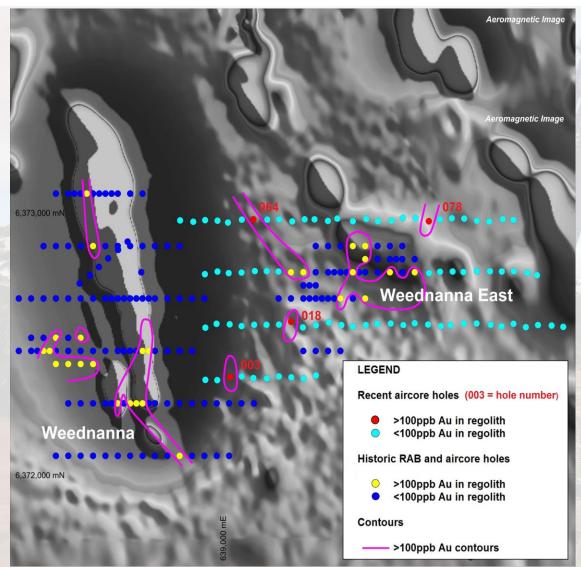


- Re-analysis of historic iron ore drill samples identifies gold mineralisation, located 1,300 m north of Weednanna
- Eleven holes return gold results
   >2.0g/t-m (grade x thickness) gold intercepts, including a best result of
  - 22m @ 0.34 g/t gold from
     42m (incl. 2m @ 1.12 g/t gold from 42m) in 10WNRC027
- Weednanna North not previously targeted for gold
- The broad low-grade gold intersections extend over a total distance of 650m and are similar to those observes adjacent to the high-grade Weednanna Gold Deposit

### **Near-Regional Gold Potential**

**Weednanna East Prospect** 





- ➤ 85 holes completed for 3,101 m in late 2018 to extend known gold in regolith anomalism
- 4 holes returned >100 ppb gold, with best result of: 2m @ 1.31 g/t
  Au from 49m in hole 78
- Discontinuous >100 ppb gold anomalism extends over 1,000m and is open in the north
- This is similar to the distribution to historic RAB anomalism at Weednanna
- Further drilling is warranted to better define the limits of the gold in regolith anomalies before bedrock drill testing

### **Future Work**



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- DELIVER SCOPING STUDY
- > COMMENCE FEASIBILITY STUDIES
- > CONTINUE WEEDNANNA GOLD EXPLORATION
  - Infill and extend known mineralisation
  - Test 3DIP survey targets
  - Define limits of Weednanna East gold in regolith anomaly

#### > CONTINUE REGIONAL GOLD EXPLORATION

- Aeromagnetic interpretation and conceptual structural targeting
- Better define and assess surface geochemical targets
- Continue review of historic drilling data
- Drill test priority target areas
- ➢ GOAL BUILD A PROFITABLE GOLD PRODUCING OPERATION IN THE KIMBA DISTRICT



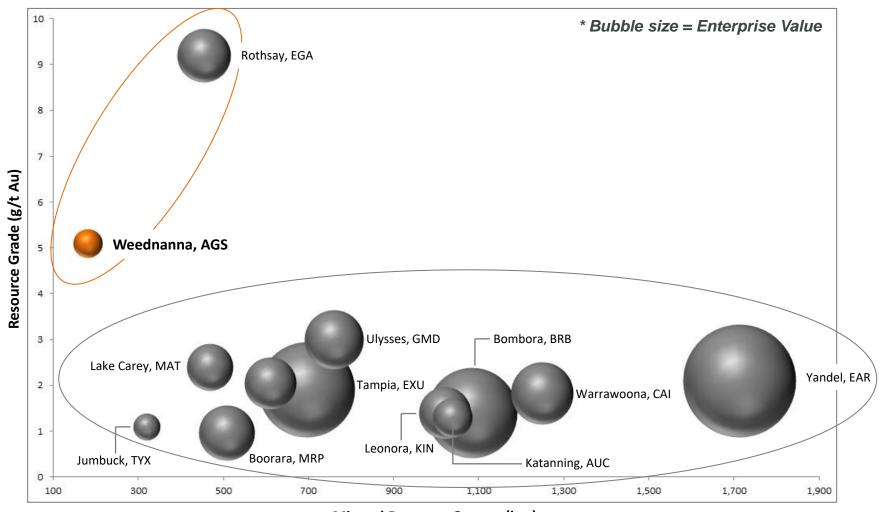
## **Peer Comparison**

#### UNDEVELOPED GOLD PROJECTS<sup>1</sup>

### One of only several advanced high grade projects<sup>2</sup>



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Mineral Resource Ounces (koz)

- 1. Data as at 15 February 2019
- 2. Not all projects shown

### The Reasons to Invest



- > TRACK RECORD OF DISCOVERY
  - Mineral resource within 18 months of first drilling
- > ORGANIC GROWTH & ECONOMIC POTENTIAL
  - Weednanna Gold Deposit
    - A robust high-grade deposit most shoots open and potential for new shoots
    - Scoping Study in progress
  - Near-Regional Gold potential
    - >25 km strike of gold-bearing iron formations within 10 km
    - Potential for discoveries (eg Weednanna North & East Wilcherry Gold Camp)
- > AGS MOVING TO 100% OWNERSHIP
- ➤ MARKET CAPITALISATION ONLY \$11 MILLION (\$3.0 M CASH, 31 Dec 2018)