

# **MAGMATIC RESOURCES: POSITIONED FOR DISCOVERY**



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Assumptions have been made regarding, among other things: the Company's ability to carry on its future exploration, development and production activities, the timely receipt of required approvals, the price of gold, copper and base metals, the ability of the Company to operate in a safe, efficient and effective manner and the ability of the Company to obtain financing as and when required and on reasonable terms. Readers are cautioned that the foregoing list is not exhaustive of all factors and assumptions which may have been used.

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Exploration results detailed in this presentation have previously been reported to the ASX or in the independent geologist report contained in the Prospectus lodged on 18 May 2017. References to metal endowments are current to January 2017. Endowment = current resource plus production. Coordinate system on maps is MGA94 Zone 55 unless otherwise stated.

## **COMPETENT PERSONS STATEMENT**

The information in this document that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr Steven Oxenburgh who is a Member of the AusIMM (CP) and a Member of the Australian Institute of Geoscientists. Mr Oxenburgh is a full-time employee of Magmatic Resources 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 Oxenburgh consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Additionally, Mr Oxenburgh confirms that the entity is not aware of any new information or data that materially affects the information contained in the ASX releases referred to in this report.

## **EXPLORATION RESULTS**

The information in this presentation concerning the exploration results on MAG's projects is contained in ASX announcements available on [magmaticresources.com](http://magmaticresources.com).

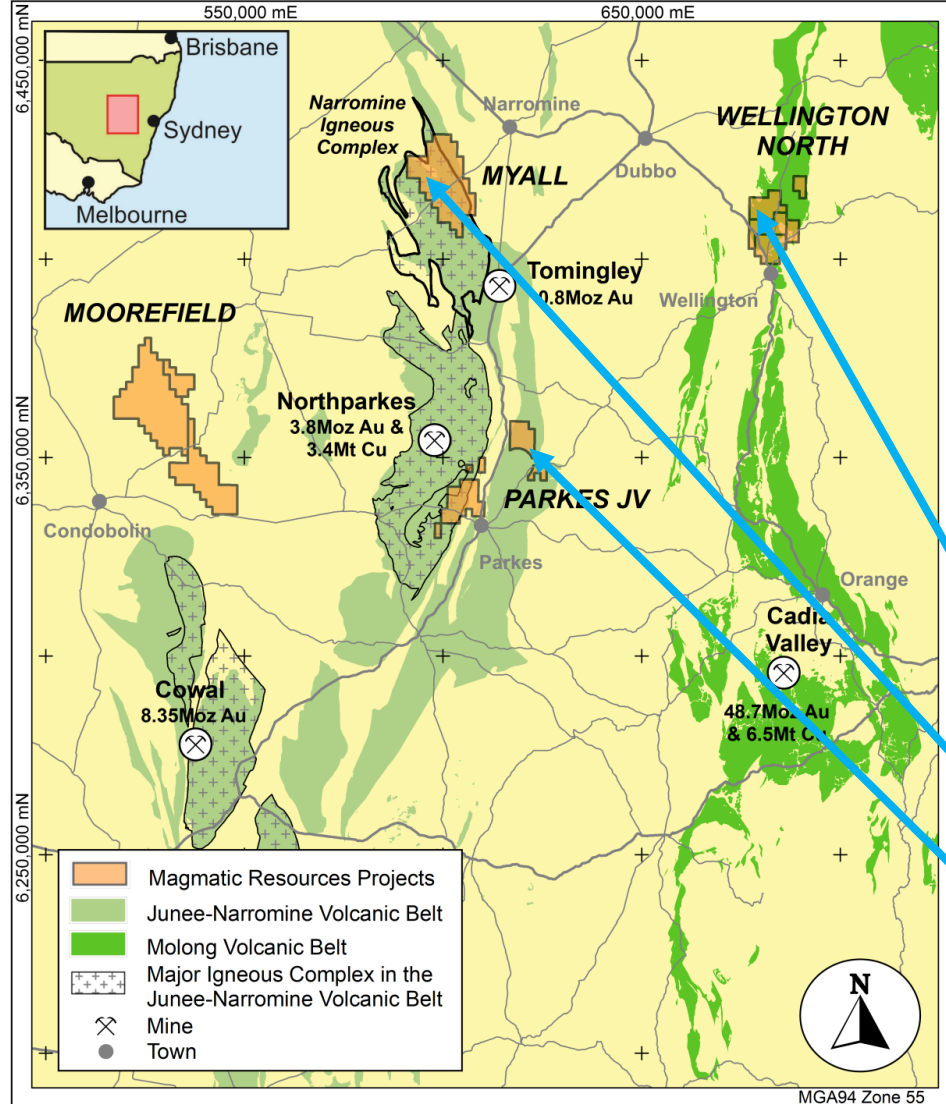
# Tier 1 Country: Tier 1 Regions: Tier 1 Projects



- Focus on our **three** discovery-ready copper-gold exploration projects in the **East Lachlan Fold Belt**:
  - ✓ **4 Projects from Gold Fields \$13.5m exploration**
  - ✓ **JV JOGMEC (Japan government)**
- Compare well to peers
- **2018**: added 2 target generation projects in Western Australia's emerging **Yamarna Belt**:
  - ✓ Mt Venn Igneous complex prospective for Copper-Nickel-Cobalt and
  - ✓ 3 Gold tenement in the emerging Yamarna goldfield. Home to ~**6 Moz** Gruyere Gold project/mine (Gold Road + Gold Fields)



# Tier 1 Region: Copper-Gold porphyries in the East Lachlan

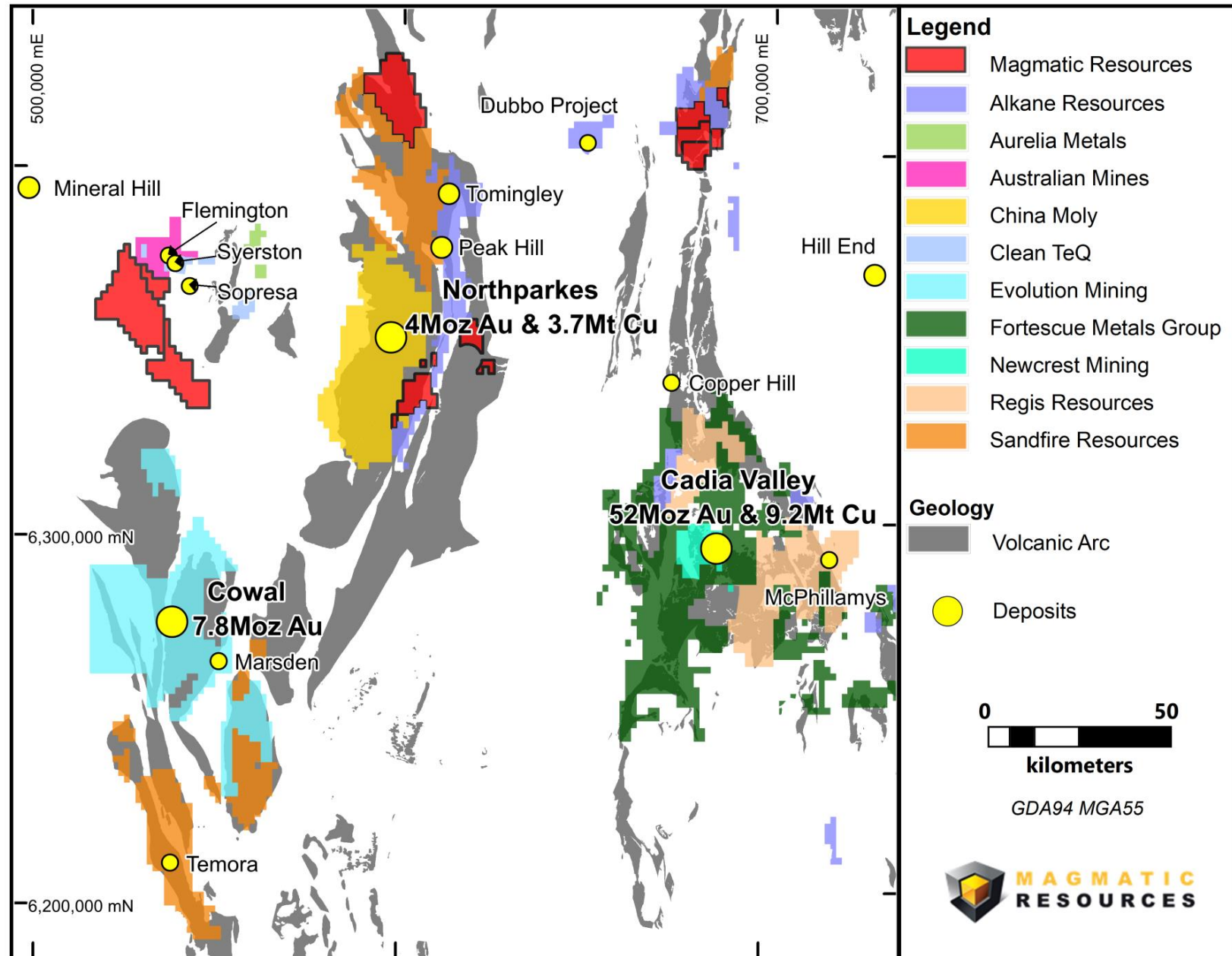


- Australia's premier copper-gold porphyry address with regional endowment greater than **66Moz Gold & 11Mt Copper**
- Big producers and high margins:
  - ✓ **Cadia Valley:** 620kozAu, 64kt Cu AISC \$241/oz Au: 2017
  - ✓ **Northparkes:** 51koz Au, 54kt Cu: 2016
  - ✓ **Cowal:** 260koz Au, AISC \$833/oz Au: 2016
- Three major porphyry intersections over three projects:
  - ✓ Rose Hill: **71m at 0.43% Cu and 0.30g/t Au from surface, incl. 6m at 1.47% Cu and 0.99g/t Au from surface**
  - ✓ Kingswood: **70m at 0.54% Cu and 0.15g/t Au (from 141m)**
  - ✓ Buryan: **26m at 0.52% Cu and 0.29g/t Au (from 289m)**



# Exploring with the majors in East Lachlan

- **USGS estimates 4 to 10 undiscovered porphyry copper-gold deposits<sup>1</sup>**
- **Fortescue** opened office in Orange and actively **exploring for copper**
- **Newcrest** (Cadia Valley: **52Moz Gold & 3.7Mt Copper**) actively seeking new greenfields projects
- **Evolution** expanded in 3 years Gold resource by **4Moz to 8Moz**
- **Regis** advancing **2.2Moz Gold** McPhillamys project
- **China Molybdenum** bought 80% of North Parkes mine in 2015 from RIO for \$800m. **4Moz Gold +3.7Mt Copper**



# Newcrest's Cadia Valley porphyry discovery history



- 1991 - 1995 Newcrest exploration included an IP survey and RC drilling.
- 1995 – 1996 drilling began to hit weak mineralisation and included intersects:
  - **8m @ 0.53% Cu, 0.42g/t Au, 1m @ 5.68g/t Au and 2m @ 10.6g/t Au<sup>1</sup>.**
  - Further drilling intersected **102m @ 0.40% Cu and 0.13 g/t Au from 610m.<sup>1</sup>**
- Nov, 1996: Discovery **NC498** (Glory hole):
  - **145m @ 4.3 g/t Au, 1.20% Cu from 598m,**
  - **84m @ 7.4 g/t Au, 1.27% Cu from 821m.<sup>1</sup>**

1. New Gen Gold conference proceedings, 1999

## MAG

### **Myall Project: Kingswood Target Best Intercepts:**

- **70m at 0.54% Cu and 0.15 g/t Au (MYACD001, from 141m)**
- 62m at 0.27% Cu and 0.13 g/t Au (MYACD001, from 260m)
- 22m at 0.21% Cu and 0.2 g/t Au, (NACD156, from 374m)
- 28m at 0.17% Cu and 0.09 g/t Au, (NACD156, from 235m)
- 22m at 0.21% Cu and 0.2 g/t Au, (NACD156 from 374m).

### **Wellington Project: Rose Hill Target Best Intercepts:**

- **71m at 0.43% Cu and 0.3g/t Au,(RHRC005, from surface)**

### **Parkes JV Project: Buryan Target Best Intercepts:**

- **26m at 0.52% Cu and 0.29g/t Au (from 289m)**
- **Further DD results awaiting release**

# MAG vs Staveley porphyry targets: best intercepts

## Staveley: \$44.5m Mkt Cap @ 25 Oct 2018

- In January 2013, agreed to purchase the Staveley and Ararat Projects which are located approximately 200 kilometres west of Melbourne.
- 6 May 2014, Staveley Minerals Initial Public Offering which raised \$6.1 million.

## Thursday's Gossan target Best Intercepts<sup>1</sup>:

- **63m at 0.84% Cu and 0.11g/t Au (SMD032, from 517m)**
- 61m at 0.16% Cu (SMD031, from 164m)
- 10m at 0.34% Cu and 0.1g/t Au (SMD020, from 302m)
- 124m at 0.31% Cu and 0.12g/t Au from 70m
- 25m at 0.28% Cu and 0.29g/t Au
- 92m at 0.34% Cu and 0.12g/t Au

## MAG: \$3.5m Mkt Cap

### **Myall Project: Kingswood Target Best Intercepts:**

- **70m at 0.54% Cu and 0.15 g/t Au (MYACD001, from 141m)**
- 62m at 0.27% Cu and 0.13 g/t Au (MYACD001, from 260m)
- 22m at 0.21% Cu and 0.2 g/t Au, (NACD156, from 374m)
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### **Wellington Project: Rose Hill Target Best Intercepts:**

- **71m at 0.43% Cu and 0.3g/t Au, (RHRC005, from surface)**

### **Parkes JV Project: Buryan Target Best Intercepts:**

- **26m at 0.52% Cu and 0.29g/t Au (from 289m)**
- **Further DD results awaiting release**
- **9 new porphyry targets at Parkes East**

# MAG vs Staveley porphyry targets: holes drilled

## Staveley's Thursday's Gossan holes drilled<sup>1</sup>:

- >32 diamond holes for >15,000m
- 80-100m spacing
- Area tested ~800x800m
- **12 intercepts of > 20m at 0.15% Cu**

## Myall project: Kingswood target holes drilled:

- 20 diamond holes for 8,824m
- **Spacing 100-500m**
- Area tested ~900x1400m
- **14 intercepts of >20m at 0.15% Cu**

## Wellington Project: Rose Hill target holes drilled:

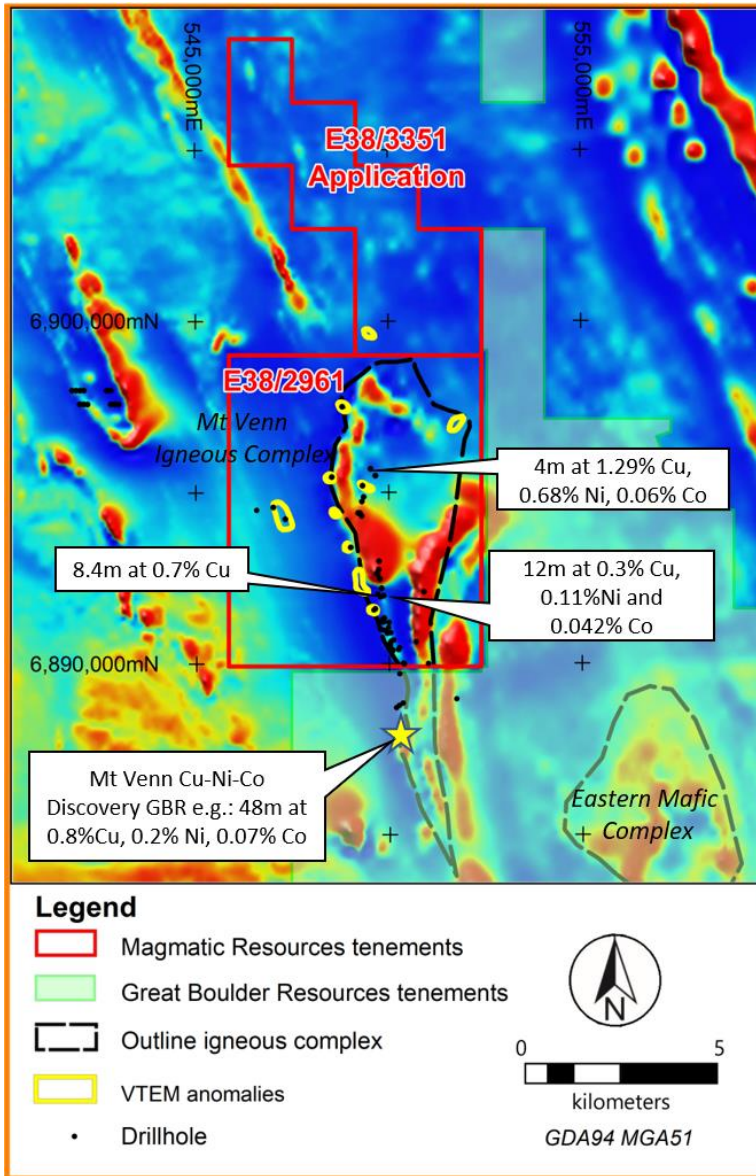
- 2 diamond holes and 10 RC holes for 2,442m
- Spacing 70-160m
- Area tested ~350x650m
- **2 intercepts of >20m at 0.15% Cu**

## Parkes JV Project: Buryan target holes drilled:

- Previous RC and Diamond drilling by Newcrest, Gold Fields and recent MAG awaiting release



# Mt Venn Copper-Nickel-Cobalt project



- **Rock chip sampling** of gossan outcrop by previous explorers returned best grades of **24% Cu, 13.2% Cu, 8.3% Cu and 6.7% Cu**
- Previous ground EM and VTEM: some conductors remain untested
- Previous drilling recorded intersections including:
  - ✓ **4m at 1.29% Cu, 0.68% Ni, 0.065% Co** (MVRC010, from 33m), including 2m at 1.17 % Cu, 1.18 % Ni, and 0.11% Co (from 34m)
  - ✓ **12m at 0.30% Cu, 0.11% Ni and 0.042% Co** (MVRC001, from 92m)
  - ✓ **8.4m at 0.7% Cu** (TDH3, Ni, Co not recorded)
- Recent discovery by **Great Boulder Resources** (GBR) yielded wide zones of primary copper-nickel-cobalt sulphide mineralisation, including<sup>1</sup>:
  - ✓ 48m at 0.75% Cu, 0.2% Ni and 0.07% Co; and
  - ✓ 61m at 0.51% Cu, 0.19% Ni and 0.06% Co; and
  - ✓ 26.2m at 0.5% Cu, 0.1% Ni, 0.05% Co
- **First MAG field trip just completed: soil, rock samples, targeting**

# Corporate Profile and Exploration capability

## Tight capital structure:

- 117m fully paid Ordinary Shares on issue, with
- 67m or 57% (Founders and Gold Fields) escrowed to 19 May 2019
- Market Cap approx. \$3.5m

## Exploration capability:

- **Exploration Manager**, Steven Oxenburgh: 30 years' exploration experience, including Exploration Manager, Millennium Minerals Ltd and superintendent exploration at Gold Fields St Ives mine.
- **Principal Exploration Geologist**, Vladimir David: 27 years' exploration experience, Phd focused on region, key roles including Team Leader of the Hera gold-lead-zinc-copper discovery
- **Non-Executive Director, Malcolm Norris**: Geologist with extensive experience focused on porphyry discovery and development (Tampakan copper-gold mine, Philippines, Tujuh Bukit gold-copper project, Indonesia and Cascabel copper-gold project, Ecuador). Currently MD of Sunstone Metals.

# Peer Analysis



Magmatic Resources Ltd (MAG) believes that Impact Minerals Limited (IPT), Stavely Minerals Limited (SVY) and Great Boulder Resources Ltd (GBR) are useful ASX listed proxies to benchmark the potential market valuation of MAG against.

	MAG	IPT	SVY	GBR
Share Price	<b>\$0.03 (52W High: \$0.152)</b>	<b>\$0.013 (52W High: \$0.340)</b>	<b>\$0.280 (52W High: \$0.510)</b>	<b>\$0.19 (52W High: \$0.71)</b>
Mkt Cap – Oct 2018	<b>\$3.52 Million</b>	<b>\$17.18 Million</b>	<b>\$43.98 Million</b>	<b>\$15.62 Million</b>
Mkt Cap - 12 months ago	<b>\$8 Million</b>	<b>\$19 Million</b>	<b>\$18.5 Million</b>	<b>\$17.1 Million</b>
Shares on Issue	<b>~ 117,240,000</b>	<b>~ 1,320,000,000</b>	<b>~ 151,660,000</b>	<b>~ 80,110,000</b>
Key Locations	Lachlan Fold Belt (NSW); Yamarna (WA)	Lachlan Fold Belt (NSW)	Western Victoria; Queensland	Western Australia
Commodity Exposure	Gold; Gold-Copper; Copper-Nickel-Cobalt; Base Metals	Gold; Silver; Base Metals	Copper; Gold; Silver	Copper-Nickel-Cobalt;
Projects	Parkes JV, NSW (Cu-Au, Au) Wellington North, NSW (Au, Cu-Au) Moorefield, NSW (Au, Base Metals) Myall, NSW (Au-Cu) Mt Venn, WA (Cu-Ni-Co) Yamarna, WA (Au)	Commonwealth, NSW (Au, Ag, Ba) Mulga Tank (Ni, Cu, PGE) Broken Hill (Ni, Cu, PGE) Clermont (Au, Ag, Cu)	Stavely, Vic (Cu, Au) Ararat, Vic (Cu, Au, Ag)	Mt Venn, WA (Cu-Ni-Co) Tarmoola, WA (Au) Jundee South, WA (Au) Balagundi, WA (Au) Broadwood, WA (Au)