

# STAVELY & ARARAT COPPER-GOLD PROJECTS WESTERN VICTORIA

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### **IPO Raising Fully Subscribed**

- 80.4 million shares on issue
- Raised \$6.1 million @ 20c
- No pre-IPO cheap 'seed' stock other than to the 4 principals in the business most of that is escrowed for 2 years.
- Drill ready targets at Mt Ararat copper-gold VMS extensions and Thursday's Gossan and Junction copper-gold porphyry prospects.

ASX Code - SVY Shares on Issue - 80.4M Share Price (30/06/14) - \$0.43 Market Cap (30/06/14) - \$34.6M Cash (30/06/14) - \$4.1M \$0.70

#### Directors

Bill Plyley Non-executive Chairman Chris Cairns Managing Director Jennifer Murphy Technical Director Peter Ironside Non-executive Director Amanda Sparks Company Secretary

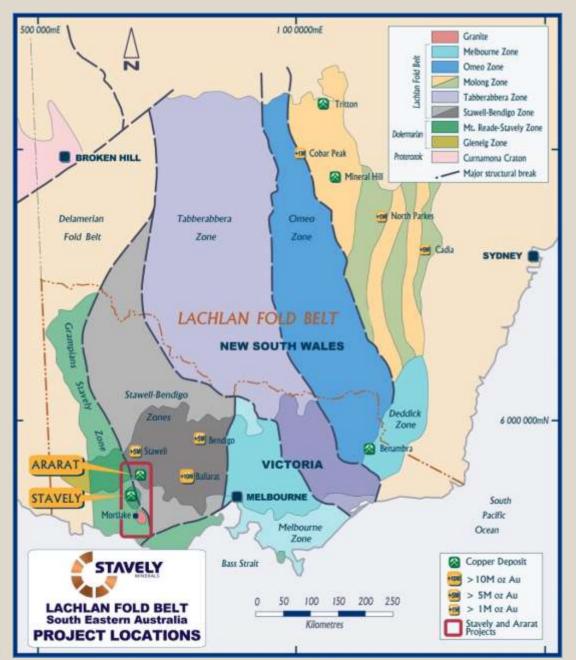
#### **Substantial Shareholders**

Peter Ironside - 36.9% Chris Cairns - 18.3% Jennifer Murphy - 4.2%



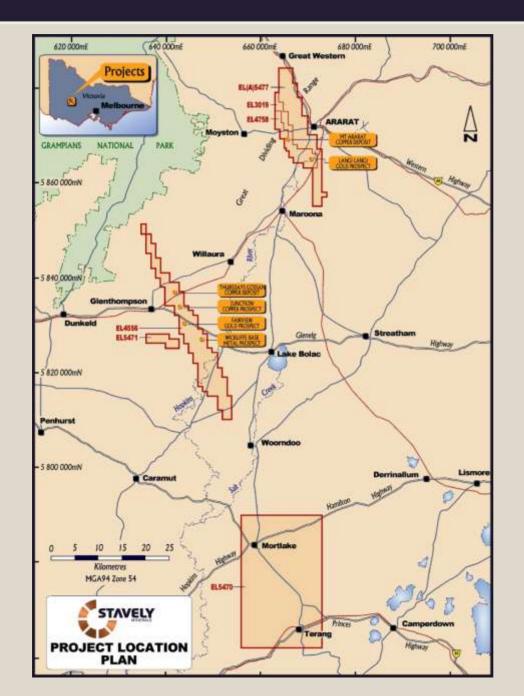
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# **PROJECT LOCATION**



The Mount Stavely Volcanic Complex is considered a northern extension of the Mt Read Volcanics in Tasmania

# **PROJECT LOCATION**



Total area owned and applied for tenure:

770 square kilometres

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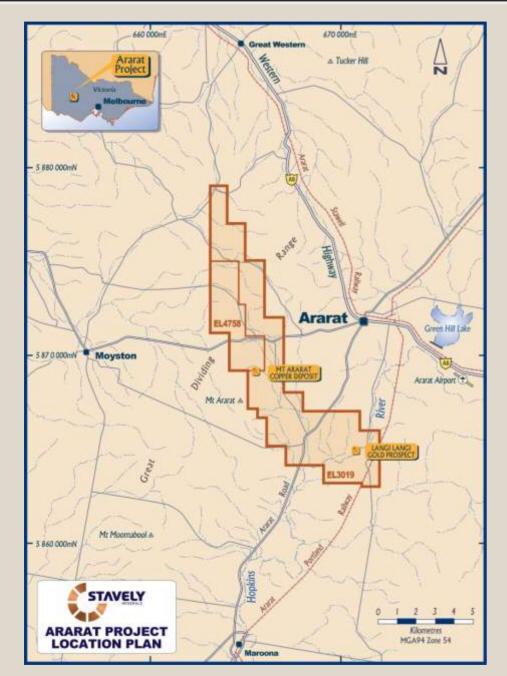
At the Ararat Project, hosted in Besshi-style VMS:

 Inferred Mineral Resources of 1.2Mt at 2.0% copper, 0.5 g/t gold, 0.4% zinc and 6 g/t silver for 30kt of contained copper

At the Stavely Project hosted in a secondary chalcocite enriched blanket:

 Inferred Mineral Resources of 28Mt at 0.4% copper for 110kt of contained copper





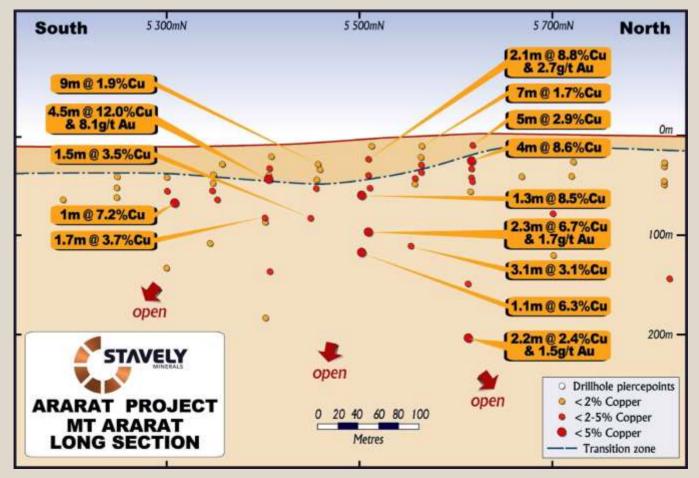
Hosts the: Mt Ararat Besshi-style copper-gold VMS

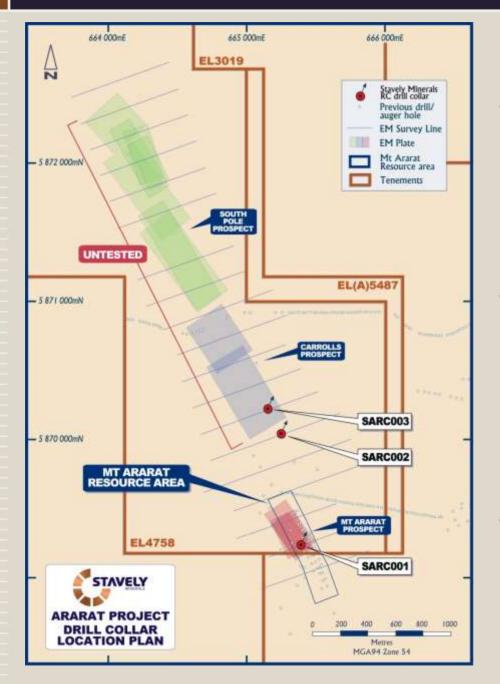
#### and the

Langi Logan - Stawell Gold Mine look-alike target

• Mt Ararat Besshi-style VMS – Inferred Mineral Resource of 1.2Mt at 2.0% copper, 0.5g/t gold, 0.4% zinc and 6g/t silver.

- The Degrussa deposit is considered a Besshi-style VMS
- Open at depth and along strike





#### Mt Ararat VMS ground EM conductor plates

- Mt Ararat existing Mineral Resource has a ground EM conductor to 500m depth (red). First pass RC drilling complete.
- Carrolls prospect (blue) has a ground EM conductor 2km along strike and to 800m depth. First pass RC drilling in progress – hitting sulphides (ASX ann't 30/6/14)
- South Pole prospect (green) has ground EM conductors 1.2km along strike to 500m depth.

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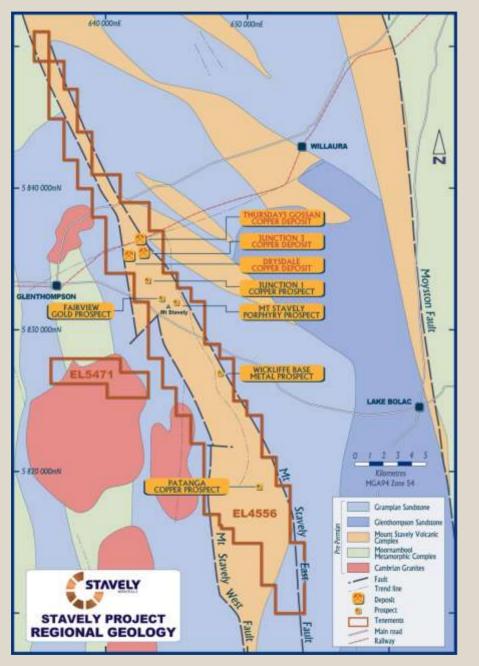
### Mt Ararat VMS has compelling exploration potential

- Immediately along strike to the north from an Inferred Mineral Resource with attractive grades of 1.2Mt at 2% copper, 0.5 g/t gold and 0.4% Zn:
- VTEM conductors confirmed by ground EM over 3.5 km long
- Coincident copper and zinc soil geochemistry (gold not analysed)

### Noted gossans

- Chlorite / actinolite alteration possible VMS feeder zone alteration
- ....and effectively undrilled.





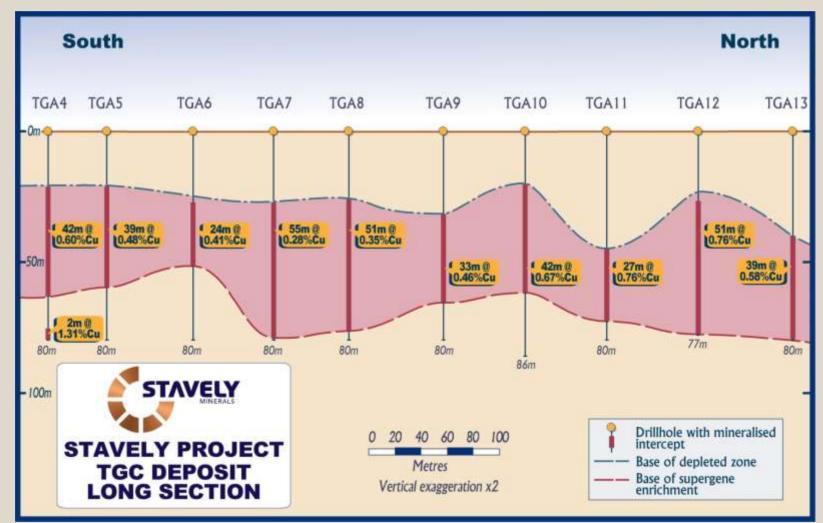
Thursday's Gossan
 chalcocite enriched blanket
 – Inferred Mineral Resource
 of 28Mt at 0.4% copper
 containing 107kt copper

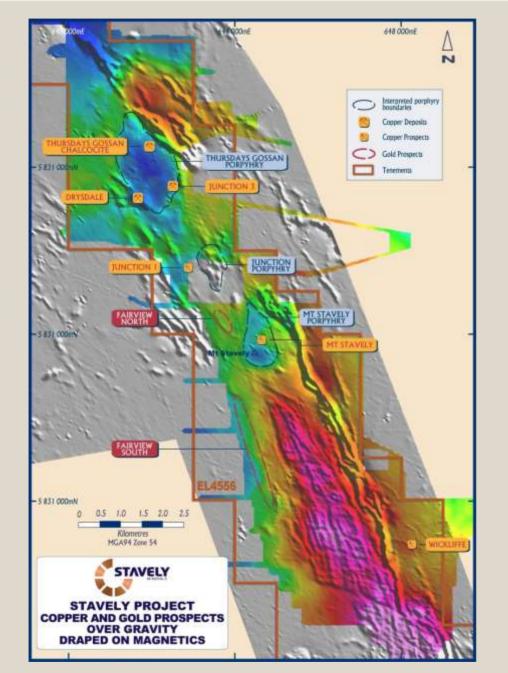
- Thursday's Gossan porphyry
- Junction porphyry
- Newly interpreted Mt Stavely porphyry
- Fairview Gold prospect
- Wickliffe VMS prospect
- Patanga porphyry prospect



Thursday's Gossan chalcocite blanket (red) and location of porphyry intrusion at depth (blue) controlled by long-lived structures – regional structural controls expressed at local scale.

- Thursday's Gossan chalcocite less than 1:1 strip ratio
- Inferred Mineral Resource of 28 million tonnes at 0.4% copper
  = 110 Kt contained copper





Porphyry intrusions at depth appear as lows in the gravity images.

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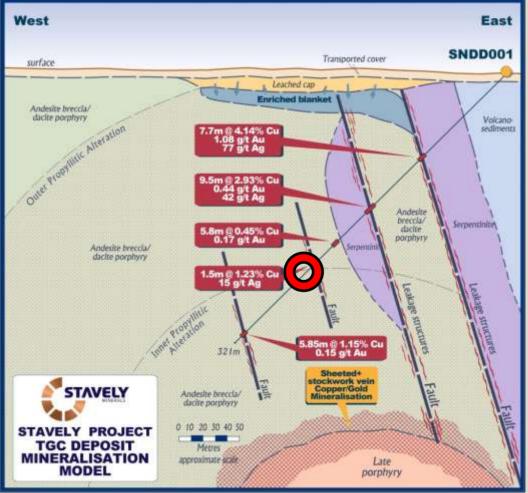
### Three porphyry targets:

- Thursday's Gossan
- Junction
- Mt Stavely

- Stavely Minerals bought these projects primarily for the exploration upside.
- Stavely's premise was that previous explorers had failed to recognise the high-level of exposure
  - ie. The porphyry was down deeper than existing drilling.

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Significant drill intercepts into 'leakage' structures:

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- 'D' veins in the porphyry terminology of Gustafson and Hunt, 1975
- 7.7 metres at 4.14% copper, 1.08 g/t gold and 77g/t silver
- 9.5 metres at 2.93% copper, 0.44g/t gold and 42 g/t silver





 Well developed porphyry-style alteration, quartz veining and sulphide mineralisation intercepted over broad intervals in the first deep diamond drill hole targeting IP chargeability anomaly completed at Thursday's Gossan to a depth of 522m.

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- Alteration intensified from distal propylitic to a phyllic overprint and across a fault back into propylitic, with the drill hole interpreted to have drilled over the top of the potassic alteration zone where well developed copper-gold mineralisation could be expected.
- Assays are pending.
- <sup>1</sup> See ASX announcement 30/6/14

# Cadia Valley / Northparkes–style Copper-Gold Porphyry Potential

- Porphyry targets with:
- Gravity lows
- ✓ IP chargeability anomalies
- Alteration mineralogy indicating high-level of exposure in porphyry system
- ✓ Almost no drilling below 250m depth
- Sulphur isotope values consistent with magmatic source importantly, sparse data indicates Thursday's Gossan IP chargeability anomaly could be close to mineralised 'core'
- Hematite alteration a possible indicator of a fertile coppergold 'alkalic' system

# FORWARD PROGRAMME

### **Drilling in-progress**

- Thursday's Gossan
- 4 x 700 metre deep diamond drill holes testing for porphyry copper-gold mineralisation at depth first hole complete<sup>1</sup>

### Junction

✓ 2 x 500 metre deep diamond drill holes testing for porphyry copper-gold mineralisation at depth – first hole in-progress

### Mt Ararat

- ✓ 24 x 200 metre RC drill holes 12 complete
- ✓ Down-hole EM
- Follow-up diamond drilling of EM conductors

<sup>1</sup> See ASX announcement 30/6/14

# **Thank You**

Contact Us: Stavely Minerals Limited Level 1, 168 Stirling Highway Nedlands WA 6009 www.stavely.com.au Ph: 08 9287 7630

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