

STAVELY & ARARAT COPPER-GOLD PROJECTS WESTERN VICTORIA

RIU Resources Round-Up, Melbourne September 2014



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

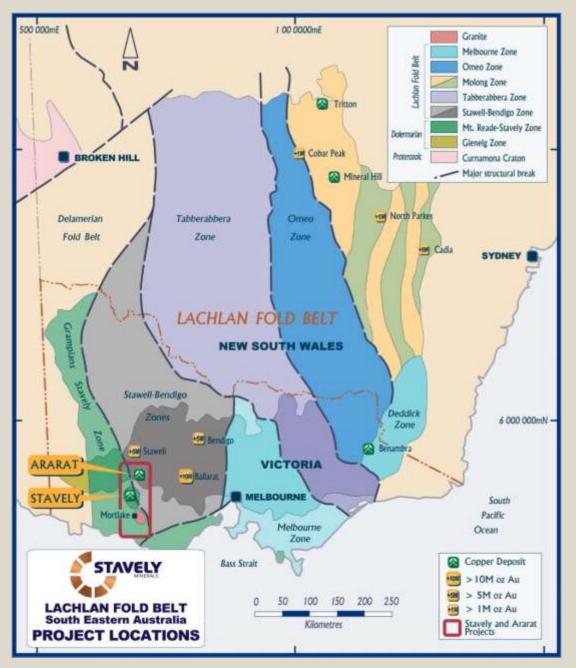
Directors

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



PROJECT LOCATION

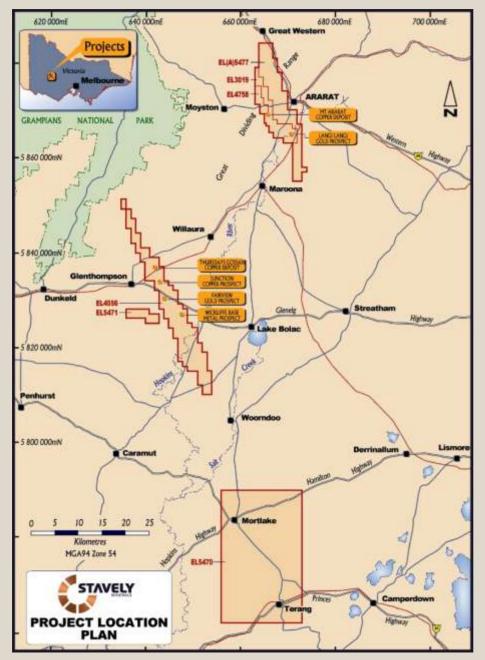




The Mount Stavely
Volcanic Complex is
considered a northern
extension of the Mt
Read Volcanics in
Tasmania

PROJECT LOCATION





Projects located in western Victoria:

The Ararat Project located west of the regional city of Ararat.

The Stavely Project located between Lake Bolac and Dunkeld.

MINERAL RESOURCES¹



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

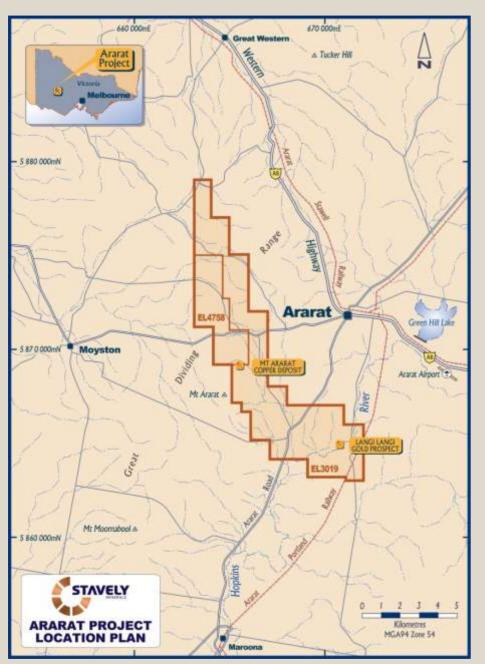
At the Stavely Project hosted in a secondary chalcocite enriched blanket:

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

¹ reported in compliance with JORC 2012, see Stavely Minerals Prospectus dated 17 March 2014 and available from www.stavely.com.au







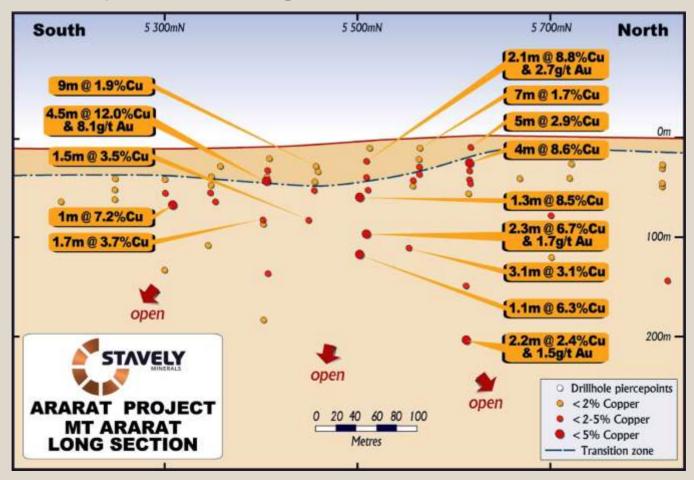
Hosts the: Mt Ararat Besshi-style copper-gold VMS

and the

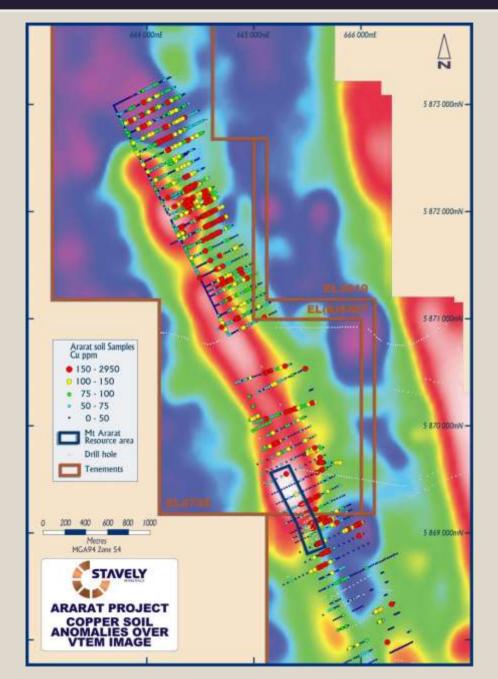
Langi Logan - Stawell Gold Mine look-alike target



- 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



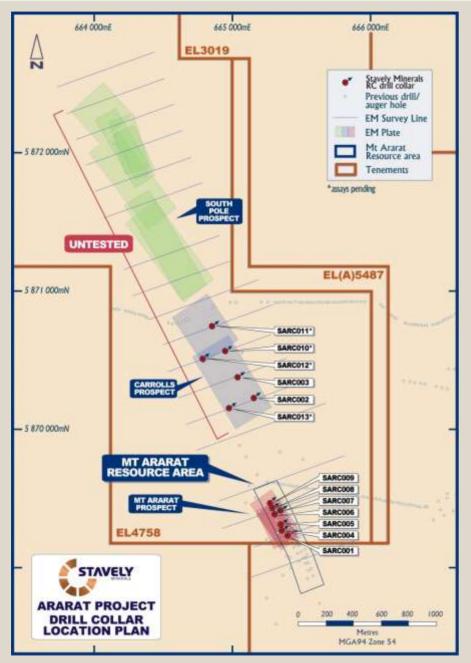




Mt Ararat Mineral
Resource is over 350m
strike extent (blue rectangle)
at the southern
end of a 4 kilometre long
airborne VTEM conductor
and coincident soil
copper-zinc anomalism
(gold not analysed).

Ground EM confirms significant undrilled extensions to the north of the existing resource with noted gossans and historic copper workings.





Mt Ararat VMS ground EM conductor plates

- Mt Ararat existing Mineral Resource has a ground EM conductor to 500m depth (red).
- Carrolls prospect (blue) has a ground EM conductor 2km along strike and to 800m depth.
- South Pole prospect (green)
 has ground EM conductors
 1.2km along strike to 500m
 depth.



Recent RC drilling results¹ from northern extensions to the Mt Ararat Mineral Resource:

- ➤ 5m at 2.10% copper, 0.56 g/t gold, 0.48% zinc and 9 g/t silver, including
 - 2m at 3.37% copper, 0.73 g/t gold, 0.47% zinc and 14 g/t silver
- > 3m at 2.64% copper, 0.17 g/t gold, 0.31% zinc and 3 g/t silver
- ➤ 1m at 5.89% copper, 0.55 g/t gold, 2.31% zinc and 17 g/t silver

¹ see ASX announcement dated 10 September 2014 and available from <u>www.stavely.com.au</u>

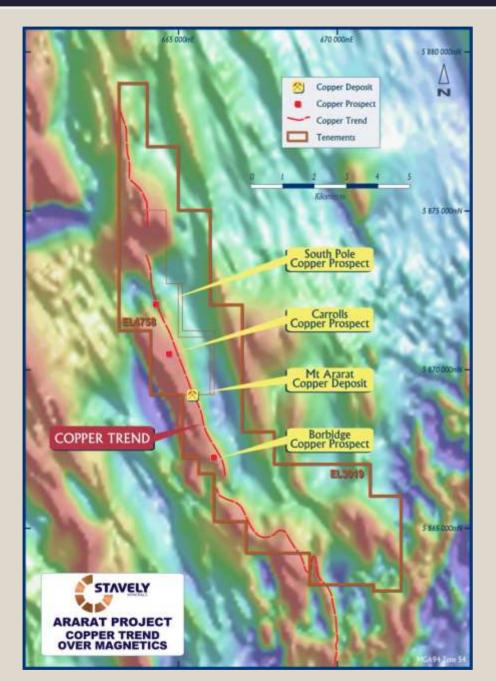


Carroll's and South Pole prospects have compelling exploration potential

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
- ✓ Recent RC drilling confirms favourable exhalative horizon

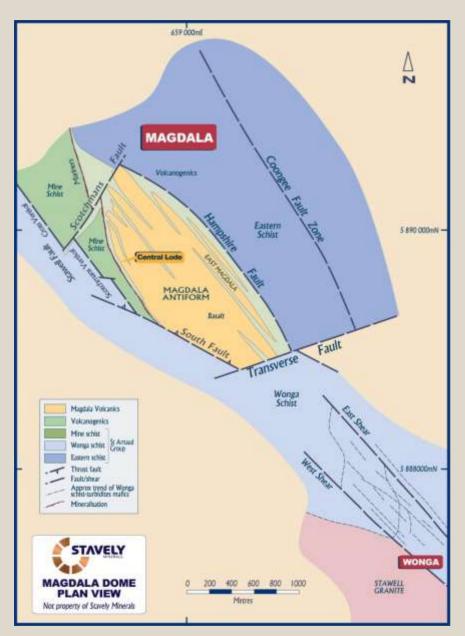


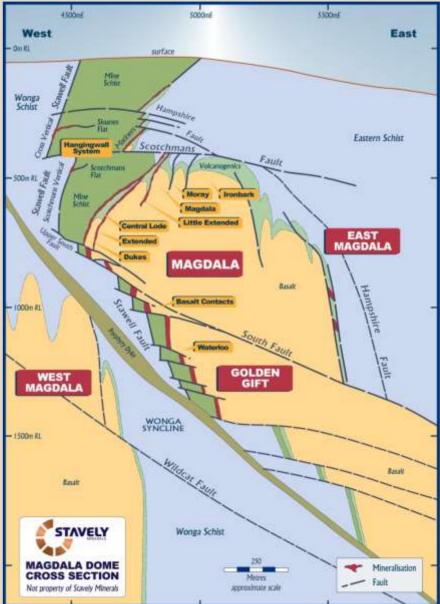


- Prospective VMS coppergold horizon extends over 15 kilometres within Stavely Minerals tenements.
- Very little exploration under shallow cover.

STAWALL GOLD MINE

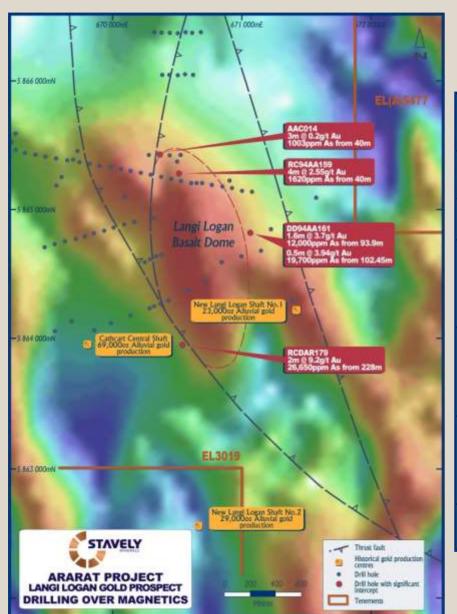






LANGI LOGAN

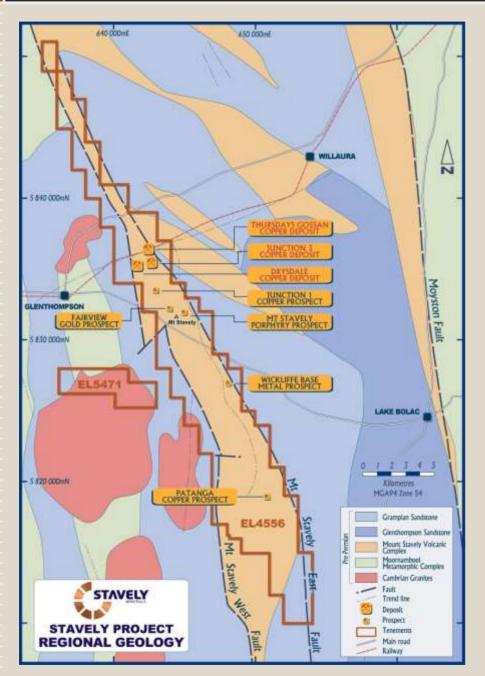






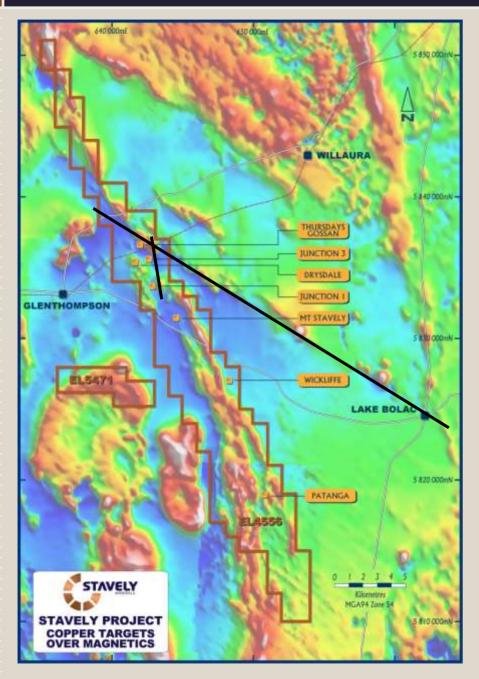






- Thursday's Gossan
 chalcocite enriched blanket
 Inferred Mineral Resource
 - of 28Mt at 0.4% copper containing 107kt copper
- Thursday's Gossan porphyry
- Junction porphyry
- Newly interpreted Mt Stavely porphyry
- Fairview Gold prospect
- Wickliffe VMS prospect
- Patanga porphyry prospect





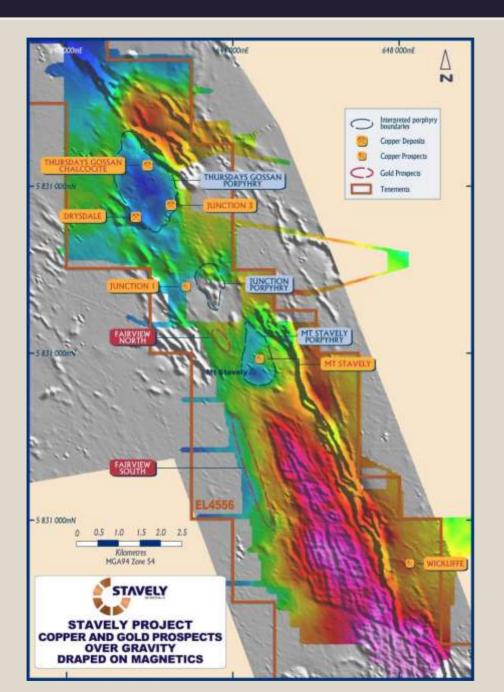
- Mt Stavely Volcanic
 Complex considered the northern extension of the Mt Read Volcanics in Tasmania.
- MRV hosts the Mount Lyell, Rosebery, and Henty copper-gold deposits.
- In the Thursday's Gossan area a very major intersection of N-S and NW oriented structures.





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.





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

Three porphyry targets:

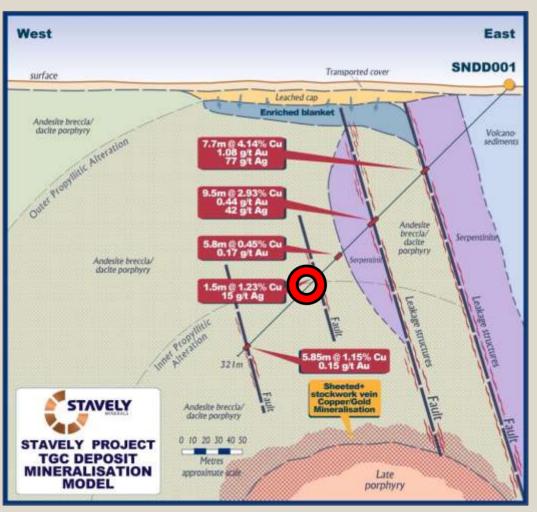
- Thursday's Gossan
- Junction
- Mt Stavely



- 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.







Significant drill intercepts into 'leakage' structures:

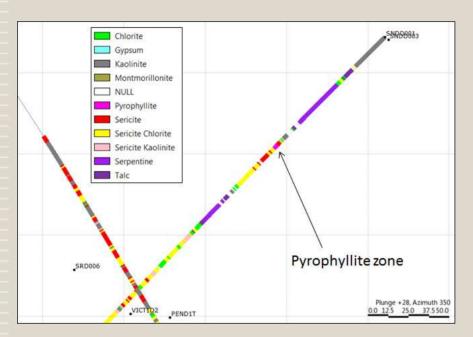
- 'D' veins in the porphyry terminology of Gustafson and Hunt, 1975
- 7.7 metres at 4.14%
 copper, 1.08 g/t gold and
 77g/t silver
- 9.5 metres at 2.93%
 copper, 0.44g/t gold and
 42 g/t silver

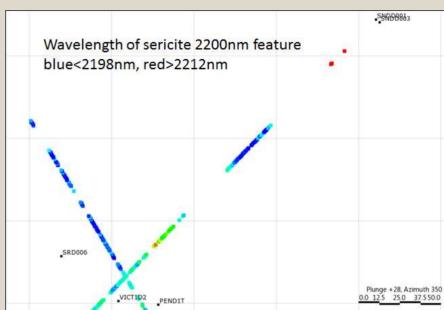


- CSIRO developed HyLogger for quantitative mapping of alteration minerals in drill core
- HyLogger data collected for 11 diamond drill holes in 2009 but never processed
- Data provided to Dr Scott Halley of Mineral Mapping Pty Ltd for processing and analysis





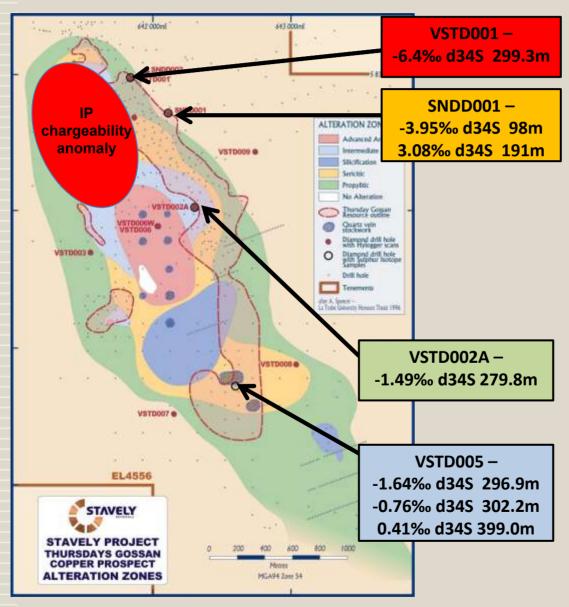




"The HyLogger data certainly supports the hypothesis that the level of exposure tested by previous drilling is analogous to the top of a Prince Lyell system. This system should be drilled to a depth of 200 to 300 meters below the zones of shortest wavelength white mica recorded from the HyLogger data."

Scott Halley, 2013





Thursday's Gossan Plan with undrilled IP chargeability anomaly and sulphur isotope sample locations on alteration zoning – sulphur isotopes can be used to vector towards well developed porphyry-style coppergold mineralisation with strongly negative numbers providing strong encouragement.

Sulphur isotope data from Geoscience Australia – Minerals Alert, March 2014







First drill hole into the Thursday's Gossan prospect intercepted broad intervals of low-level copper mineralisation in phyllic over propylitic alteration:

- 82.3m at 0.12% copper
- 45.9m at 0.19% copper, and
- 28m at 0.15% copper

First drill hole hole into the Junction prospect also intercepted broad intervals of low-level copper mineralisation in phyllic over propylitic alteration:

- 62m at 0.17% copper
- 15m at 0.1% copper, and
- 44.8m at 0.15% copper

(assays pending for bottom third of hole)

¹ see ASX announcement dated 28 August 2014 and available from www.stavely.com.au



Cadia Valley / Northparkes-style Copper-Gold Porphyry Potential

Porphyry targets with:

- ✓ Gravity lows
- ✓ IP chargeability anomalies = phyllic alteration
- ✓ Alteration mineralogy indicating high-level of exposure in porphyry system
- ✓ Almost no drilling below 250m depth
- ✓ Large low-grade copper 'halo' in peripheral phyllic / propylitic alteration bodes well for well-developed copper-gold mineralisation in the target central potassic zone
- ✓ Hematite alteration a possible indicator of a fertile copper-gold 'alkalic' system
- ✓ Sulphur δ34 isotope values consistent with a proximal alkalic porphyry source

FORWARD PROGRAMME



Drilling in-progress

Thursday's Gossan

√ 4 x 700 metre deep diamond drill holes testing for porphyry
copper-gold mineralisation at depth – three holes complete

Junction

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

Mt Ararat

- ✓ 24 x 200 metre RC drill holes 13 complete
- ✓ Down-hole EM Scheduled for October
- ✓ Follow-up diamond drilling of EM conductors



Thank You

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