



FT03 - VHMS and Granite-Related Ore Deposits of Western Tasmania

Date: September 22-27, 2015

Location: Departing from and returning to *Wrest Point Hotel | Hobart, TAS, Australia*

Leaders: Andrew McNeill, Bruce Gemmell, Ralph Bottrill (co-leader)

Attendee Maximum: 18

Western Tasmania has undergone three major metallogenic episodes that have resulted in the occurrence of many significant base metal and tin deposits within a small (~250-km-long) region. The major geologic feature that hosts the copper, gold, and base metal deposits is the Cambrian submarine Mt Read Volcanic belt, whereas the tin deposits mainly formed where a Devonian granite belt intruded basement carbonate sequences, producing proximal and distal skarns. The field trip to this area will provide the opportunity to visit several of the well studied Cambrian VHMS and Devonian granite-related deposits (including the Mt Lyell Cu-Au field, Renison (Sn), Rosebery-Hercules (Pb-Zn) and Henty (Au)) as well as some of the less well known deposits (Avebury (Ni), Kara (Fe-W) of the district.



Tuesday, September 22, 2015

7:30am: Depart Wrest Point Hotel, Hobart and drive to Queenstown

PM: Mt Lyell Cu-Au VHMS deposits

The mine is currently in care and maintenance and it is likely the visit will include an introductory talk, outcrop stops and drill core viewing.

Contact:

Lachlan Brown, Geology Superintendent, Copper Mines of Tasmania | lbrown@cmt.com.au, 0467 494 023

Note:

Post-dinner introductory talk on regional geology of Western Tasmania (A McNeill) and mineralization styles (Bruce Gemmell)

Accommodation:

Tullah Lakeside Lodge

Cnr Meredith Street & Farrell St

Tullah, TAS 7321

Australia

www.tullahlodge.com.au , +61 364734121

Wednesday, September 23, 2015

AM: Visit to Henty Au VHMS Mine

The mine will most likely be on care and maintenance and as a result the visit will include an introductory talk and drill core viewing

PM: Visit outcrops of the Mount Read Volcanics and associated sequences in the Henty-Tullah area

Contact:

Angela Lorrigan, General Manager Exploration, Unity Mining | alorrigan@unitymining.com.au, 0418 332 094

Accommodation:

Tullah Lakeside Lodge



Thursday, September 24, 2015

AM: Visit Renison Carbonate-hosted Sn mine
Introductory talk, drill core viewing and possible underground visit

Lunch in Zeehan with an opportunity to visit the Zeehan Museum to view the mining heritage displays and mineral collection

PM: Avebury Ni deposit
Introductory talk and core viewing. As the mine is currently in care and maintenance it is unclear if we will be able to visit underground.

AM Contact:

Colin Carter, Senior Mine Geologist, Bluestone Mines Tasmania | colin.carter@bluestonetin.com.au, 0417 691 461

PM Contact:

John Lamb, General Manager, Avebury Nickel Mines | johnl@aveburynickel.com.au, 0400 165 078

Accommodation:

Tullah Lakeside Lodge

Friday, September 25, 2015

Rosebery and Hercules polymetallic VHMS deposits

Introductory talk and drillcore viewing at Rosebery. Traverse from Mt Read though the now abandoned Hercules mine site to view the host sequence, alteration, structural setting and mineralisation.

Note:

Given the time of year and the exposed alpine nature of the Mt Read – Hercules area participants will need to be equipped for very cold, wet, and windy conditions on this part of the field trip

Contact:

Kim Denwer, Principal Geologist, Exploration, MMG | kim.denwer@mmg.com, 0417 125 668

Accommodation:

Tullah Lakeside Lodge



Saturday, September 26, 2015

AM: Hellyer polymetallic VHMS deposit

The Hellyer, Fossey and Que River Mines are closed and the visit will include an introductory talk and drillcore viewing

PM: Mt Bischoff Carbonate – replacement Sn deposit

A traverse through exposures in the Mt Bischoff open cut

- or -

Visit Kara Fe-W skarn deposit

Introductory talk and visit to open cut

AM Contact:

Steve Richardson, Senior Exploration Geologist, Bass Metals Ltd | stever@bassmetals.com.au, 0437 520 130

PM Contact:

Greg Doherty, Mine Manager, Tasmania Mines Ltd | gdoherly@tasmines.com.au, 0417 142 051

Accommodation:

Cradle Mountain Hotel

3718 Cradle Mountain Road

Cradle Mountain, TAS 7310

Australia

www.cradlemountainhotel.com.au, +61 3 6492 1404

Sunday, September 27, 2015

7:30am - 8:00am: Depart accommodation and drive to Hobart, arriving at Wrest Point Hotel at 12:00pm

Leaders

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