



FT01 - Deposits of the Gold-Rich Ordovician Alkalic Porphyry and Epithermal Province, Macquarie Arc, New South Wales

Date: September 23-25, 2015

Location: Departing from and returning to *Orange, NSW, Australia*

Leaders: Anthony Harris, Nathan Fox

Attendee Maximum: 20

The Macquarie Arc is richly endowed in world-class porphyry copper-gold mineralization and related deposit styles. In this field trip, key examples of these occurrences will be examined, including Cadia, and several other key systems. The special tectonic framework that gave rise to these very gold rich systems will be a focus of the trip, including the evolution and accretion of the arc during ~50 million years of subduction-related development along the boundary between east Gondwana and the paleo-Pacific plate.

Two nights accommodation will be provided at the Quality Inn Ambassador, Orange (Wednesday and Thursday nights) and packed lunches included. All participants are to travel in tour bus provided – no personal vehicles are permitted on mine sites. The trip will visit the Cadia Valley alkali porphyry deposits, and the North Parkes, Peak Hill, Lake Cowal systems.



Wednesday, September 23, 2015 - Cadia Valley Alkalic Porphyry Deposits

9:00am: All participants to meet at Quality Inn Ambassador, Orange, NSW

Cadia Valley site visit – Review of drill core from key intercepts at the Ridgeway and Cadia East porphyry Au-Cu deposits

Thursday, September 24, 2015 - North Parkes and Peak Hill

9:00am: All participants to meet at Quality Inn Ambassador, Orange, NSW

AM: North Parkes porphyry Au-Cu mine tour and drill core review

PM: Peak Hill epithermal mine tour and drill core review

Friday, September 25, 2015 - Lake Cowal Au Deposit

9:00am: All participants to meet at Quality Inn Ambassador, Orange, NSW

AM: Lake Cowal Au mine tour, drill core examination and talks

PM: Trip conclusion (Parkes Telescope??)