

**Itinerary, post-conference excursion following
"Evolution and Metallogensis of the North Australian Craton"**

Friday 23 June: Leave Alice Springs, with stops at Aileron Province-Heavitree unconformity, Arumbera Formation and Todd River Dolomite (Amadeus Basin), Arltunga lode-gold district and Mordor Igneous Complex (including Mithrill layered ultramafic-hosted PGE prospect). Camp at Mordor Pound.

Saturday 24 June: Leave Mordor Pound, with stops through the Irindina Province (time equivalents of Arumbera Formation and Todd River Dolomite) and Entia Dome. Camp at the Molyhil Mo-W skarn deposit. Night-time visit to Molyhil to fluoresce scheelite.

Sunday 25 June: Daytime visit to Molyhil deposit. Leave Molyhil with stops at garnet-amphibole sand dunes and Harts Range Group (at Aturga Creek) and Oonagalabi Zn-Cu prospect. Camp overnight at Oonagalabi.

Monday 26 June: Leave Oonagalabi, with stops at Pinnacles Cu district, Johnnie's Reward Cu-Au-Pb-Zn IOCG prospect and Edwards Creek VHMS prospect. Camp at Gemtree.

Tuesday 27 June: Leave Gemtree for Nolans Bore REE deposit. Return to Alice Springs mid-to late-afternoon.

Notes: This is a self-catered field trip. A maximum of 20 4WDs are allowed. 4WD experience is required for driver as we will be travelling on back roads and poorly formed tracks. A range of at least 800 kms (dual tanks) is required due to limited fuel supplies. At least two spare tires are recommended. We will be travelling on pastoral leases, so fences should be left as found, and the property of the landholder must be respected.

The first three nights are bush camps, so a swag (or equivalent) and refrigerator are recommended. As we will be visiting one open cut, steel-capped boots and a hard-hat are recommended. For other stops, appropriate footwear and a hat are recommended. Several stops require traverses of 1-2 km so a water bottle and pack is recommended.

To respect the traditional owners, hammering and sampling should be kept to a minimum, and, at some stops, hammers will be banned.

Contact David Huston (David.Huston@ga.gov.au or (02)6249-9577) for further information and to register participation.