



FT02 - Archean World-Class Gold and Nickel Camps from the Kalgoorlie Terrane (Yilgarn Craton, Western Australia)

Date: September 22-25, 2015

Location: Departing from and returning to *Kalgoorlie, WA, Australia*

Leaders: Cam McCuaig, Marco Fiorentini, Nicolas Thebaud

Attendee Maximum: 18

This excursion, based out of Kalgoorlie, will examine the structural and stratigraphic setting of a world-class orogenic gold and komatiite-hosted nickel camp in Western Australia. Visit key regional outcrops and deposits and get an insight into the deposit, camp, and regional architecture of a major Australian mineralized district discovered about 120 years ago and still producing today. Mines to be visited include the St Ives gold mine, a komatiite-hosted deposit in the Kambalda-Widgiemooltha area, as well as the Kalgoorlie Super Pit, the largest open pit gold mine in Australia with a global endowment that exceeds 70 Moz of gold.



Tuesday, September 22, 2015 - Golden Mile

8:00am: Meeting at the Kalgoorlie airport.

9:00am - 2:30pm: Visit to the Golden Mile (lookout, core farm, and pit (to be confirmed)) and regional outcrops

3:00pm - 6:00pm: Visit to the Kalgoorlie Core library facility (Geological Survey of Western Australia) and presentation of a series of talks focusing on Yilgarn Gold and Nickel mineral systems

Accommodation: Railway Hotel

Wednesday, September 23, 2015 - Gold Around the Kambalda Dome and St Ives Gold Mine Visit

AM: Field regional outcrop visits

PM: St Ives gold mine visit (TO BE CONFIRMED)

Accommodation: Railway Hotel

Thursday, September 24, 2015 - Nickel Around the Kambalda Dome and Long Nickel Mine Visit

AM: Field regional outcrop visits focusing on komatiites around Kambalda dome

PM: Visit to the Long nickel deposit

Accommodation: Railway Hotel

Friday, September 25, 2015 - Departure from Kalgoorlie

Travel Day