

Geoff Derrick TIA 'G M Derrick Geology' presents the
"Mamma Mia" Mt Isa Geotour 2008

Saturday 23 August to Friday 29 August 2008

Bornite, GP

F in BIF

Mary K

As ABBA famously sang (and recreated by Meryl Streep recently), *Mamma Mia, here I go again, my my, how can I resist you. . . ?* So the great interest in the Mt Isa Inlier continues, simply because it is one of the most mineralised and still prospective Proterozoic provinces in the world. Geoff has long-standing expertise in the area, and has added to this all the results that matter from the detailed research of the past decades.

To young geologists and economic geology tragics everywhere, come away with Geoff for a week to experience superb and inspiring geology and mineralisation in this world-class geoscience and commodity warehouse.

PROGRAMME: (reasonably firm - many thanks to Aditya Birla, Zinifex, EXCO, Universal, XStrata)
 The Mamma Mia Geotour will show aspects of the modern geology of the Mt Isa Inlier, and some taste of the mineralisation styles that occur there. One cannot see everything, but the tour aims for quality, interest, topicality and meaning in all that is placed in the program, which is always something of a compromise because of company commitments and timing. The tour starts with some general geology of the Mt Isa valley and the Lawn Hill platform, but will focus a little more on the cover sequences and granites of the Eastern Succession, with Cu being the stand-out commodity. Permission has been granted to visit Gunpowder Cu, Ernest Henry Cu-Au, Mary Kathleen U, Dugald River Zn-Pb, EXCO projects and core, Universal Resources Cu and various old mines and scrapings, together with all the linking lithostratigraphy, structure and basin analysis and settings required to place mineralisation in context. A tour quorum would be 7 people, and about 11 people maximum. The planned programme below is just a taste and summary of the magnificent and world class geology to be seen on this tour, and Geoff will have many additional sets of information with him - Powerpoint presentations (Century and Isamine), ore sample sets and image collections. Costs are lower than 2007, despite rising fuel and motel prices, partly because of one less day.

Saturday 23/08/08	Arrive Mt Isa noon; local geology pm, including overview of rift, low grade rift fill and metamorphosed equivalents, growth faulting, basalts	Stay Mt Isa
Sun. 24/08/08	Visit Aditya Birla operations at Mt Gordon - drill core, ore samples, platform carbonates and sections of McNamara Group, other oxide Cu occurrences	Stay Mt Isa
Mon 25/08/08	Finalise western areas; travel across highway to east - 1750Ma sag phases of Mary Kathleen Group; dating site, basement contacts, carbonate sequences and deformation, Robin albite-amphibole breccias, scapolite flooding, Ist quarries	Stay Cloncurry
Tues. 26/08/08	Cloncurry to Dugald River - examine DR geology, visit Universal Cu, Quamby Queen Ist, granites of Williams Batholith; examine Overhang Jaspilite, host to Cudoco Rocklands project - spectacular BIF-Ba-carbonate sequences	Stay Cloncurry
Wed. 27/08/08	Iron oxide-Cu-Au day: examine Ernest Henry and volcanic host rocks, visit Exco Resources Monakoff BIF-Ba-F-Cu and Hot Rocks exhalite, plus various Exco core.	Stay Cloncurry
Thurs. 28/08/08	Wonga belt and Mary Kathleen U and marble/skarn occurrences, Burstall Granite and Mary K open pit; new visits to Sunset Cu, and Lime Creek area for calcite, pillow lavas in Corella Fmn and late tourmaline pegmatites. Magic geology!!	Stay Cloncurry
Friday 29/08/08	Drive Cloncurry to Mt Isa airport for midday departure for those out of town.	

TOTAL COST of the Geotour \$1,900 PER PERSON

(includes guidebook, all meals, twin-share accommodation & transport on tour in the Mt Isa Inlier)

BOOKING FORM

Name	Company/affiliation	Address and contact details

Please return this form to G M Derrick Geology, email: geoffd@powerup.com.au ; Ph: 07 3379 2555
 Fax: 07 3379 2375 ; PO Box 184 Corinda Qld 4075. SEND NO MONEY - INVOICE LATER