



S . M . E . D . G .



SYDNEY MINERAL EXPLORATION DISCUSSION GROUP JOINT MEETING with AusIMM

DATE: Wednesday 10th August 2005 - 5.30pm for 6pm

VENUE: 1st Floor, Rugby Club, Rugby (Crane) Place, Sydney

SPEAKER: Mick McMullen and/or Mike Erceg

TOPIC: “The Tritton Copper Mine – An Update”

Tritton copper mine commenced production in December 2004 and is on schedule to produce 25,000 tonnes of copper per year, with significant gold and silver credits, from a reserve of 9 mt @ 3% Cu. The orebody is accessed by a footwall decline and crosscuts to the ore. Mining is by long hole retreat stoping. The ore is crushed and milled then treated in a conventional flotation plant producing a concentrate averaging 25%Cu that is shipped to smelters in SE Asia. The Tritton deposit is a pyrite+chalcopyrite+bornite massive sulphide deposit hosted in Girilambone Group metasediments. The deposit is structurally controlled forming a steeply dipping cigar shaped lens presently drilled to a depth of 1km. The alteration and mineralisation has significant similarities to Cobar style deposits and is considered epigenetic.

Exploration surrounding the nearby Girilambone Copper Mine was concentrated on the search for oxide copper to support the mine SX-EW plant. With the opening of the Tritton Mine, and the consequent availability of a floatation plant, the search for sulphide ores has commenced in earnest. Tritton is one of 7 known massive sulphide deposits in the area. Recent drilling at Northeast and Murrawombie has confirmed potentially economic mineralisation at at least two other deposits. This talk will discuss the startup period of this new mine and will look at the future for the mine itself and the exciting potential for new sulphide ore discoveries in the surrounding areas.

Mick McMullen is a geologist who has been the prime mover in the formation of Tritton Mines and the development of the Tritton deposit. Mike Erceg is a geologist with more than 25 years experience in exploration in Australia, New Guinea and South East Asia.

Note: This meeting is on a Wednesday – not Thursday
As this is a joint meeting with AusIMM, the format of the meeting will follow that normally used by AusIMM. There will be refreshments before the meeting, provided by SMEDG and AusIMM and possibly a sponsor if we can find one.

Future meetings: September 15 – Stew Hamilton – Deep penetrating geochemistry
October 27 – Garry Lowder – Pheonix Prospect, Tooloom Gold Field NSW

Organising Committee:

Steve Collins 9489 6836 Lindsay Gilligan 9858 3863 Phil Hellman 9858 3863 Tim McConachie 0411 504512 Ian Neuss 0411 504512 Kim Stanton-Cook 0411 504512 Chris Torrey 9482 8833