

MAC [MI-093K097]

On June 28th¹⁹⁹⁶ I visited the Mac molybdenum-copper prospect, 100 km east of Smithers. Other participants were Don MacIntyre, Paul Wojdak, Vic Levson, and Glenn Johnson (Endako). Geoff Goodall very kindly provided a 'Show & Tell' overview and site tour. Mineralization is hosted by a 141 Ma quartz monzonite which has intruded Cache Creek volcanic and sedimentary rocks (predominantly andesites and also ultramafics of the Trembleur Intrusions). The main stock measures 500m by 300m at surface and is mineralized throughout (Camp Zone). Two other zones, the (northern) Pond and (southern) Peak zones are underlain by hornfelsed and mineralized volcanic rocks.

The company believes these zones are underlain by a mineralized intrusion(s). In order to assist with further exploration strategies, Fox Geological Consultants (on behalf of owner Spokane Resources Ltd.) has engaged Jim Irwin to conduct a fluid inclusion study on the property.

At the time of our visit, additional geophysical, geochemical and geological surveys were in progress. A follow-up 5000-m diamond drilling program is planned for August (Note: down from original budget for 10,000m i.e. lack of financing). Drilling will consist of further "in-fill" on the Camp zone (to allow for a resource calculation) plus preliminary drilling on the Peak and Pond zones. The porphyry system has been outlined over 3.5 km long and 2 km wide. Drilling on the Camp zone has tested an area of approx. 350m x 750m to a depth of approx. 150m. Spokane estimates a preliminary geological resource of 20 million tons, with potential for 100 million tons. An ATV-trail access will be upgraded to 'bush trail' road access this summer.

[TGS Comment: This is a very interesting and potentially economically significant deposit. It is the only (?) porphyry hosted by Cache Creek Group rocks; are there others to be found regionally? Recent logging has greatly improved access and should aid in future exploration.]

[REF. CIM Special Volume 46, 1995, Mac porphyry molybdenum prospect, north-central British Columbia, Cope, G.R. and Spence, C.D., pp. 757-763.]