

MT. DAVIDSON (PEM) [MI 93F037]

On August 7th Bob Lane and I visited the Mt. Davidson (Pem) prospect located on the northern flanks of Mt. Davidson approx. 150 km south of Vanderhoof via the Kluskus Forest Service Road. Gord Allen, on contract with Granges) very kindly acted as tour guide. Previous work by Granges (75%) and Cominco(25%) totalling over \$1.2 million has resulted in the discovery of two zones of mineralization:

- 1) the "Silver Zone" estimated to contain a mineral inventory of 6 million tonnes at 37 g/t Ag and 0.05 g/t Au at shallow depth, and
- 2) the "Gold Zone" containing several drill hole intersections of potentially economic grade but with unlimited/untested continuity.

The best intersection from drill hole DAV-11 assayed 11.2 g/t Au, 21 g/t Ag over 8.2m. A quick look at the core makes me wonder how well it was logged/sampled and what kind of drilling recoveries were achieved (i.e. good potential to upgrade?). Host rocks include Upper Cretaceous Ootsa Lake Group rhyolitic and andesitic flows and pyroclastics. The rhyolitic rocks (sills - Quanchus Intrusives?) have patches'/disseminations of garnet, very similar to the style/textures observed at the Capoose property located some 25 km to the NW (est. 28.3 million tonnes @ 36 g/t Ag and 0.91 g/t Au). Mineralization consists of 1% to 5% sulphides comprising sphalerite, tetrahedrite, pyrite, galena, arsenopyrite, pyrrhotite and boulangerite. An envelope of pervasive, intensive, clay-sericite alteration envelopes the mineralized areas. Locally, the garnet 'patches' appear to be replaced (nuclei-growth) by sulphides (see photos), and rarely quartz (sometimes vuggy). The altered mineralized rhyolitic rocks also exhibit a characteristic hematite/manganese staining on the surface, similar to that observed at Capoose.

This year Granges will be conducting a 65 km long IP survey to further define targets for drilling (very little outcrop on property). I believe (and the company too) that the type of mineralization target is 'TRANSITIONAL' (eg. Equity Silver, Capoose), implying a genetic relation/spatial relationship to an intrusive event (buried at Davidson?). Hopefully, drilling will take place this year.

On an environmental note, previous drill holes are making very acidic waters (incl. formation of modern-day ferricrete) and should be dealt with accordingly. Also the general reclamation of the old camp and drill access roads will need to be addressed. [Ref: Private Company report March 1992; AR #17032]