

The Newmac porphyry Cu-Mo-Au prospect near Tatla Lake was explored with four diamond drill holes by Canevex Resources Ltd. and Ascot Resources Ltd. Results were mixed: the drilling confirmed the presence of a strong sulphide system hosted in volcanics, diorite, intrusive breccia and porphyritic rocks, however, copper values were generally subeconomic (Morton and Tregaskis, 1998).

Weymin Mining Corp. only did minor field work on the McKinnon Creek (J&L) volcanogenic massive sulphide Au-Zn-Pb-Ag deposit north of Revelstoke. The company did, however, contract H.A. Simons Ltd. to complete a scoping study on processing options and capital and operating costs for the project. The Simons study identified two options which were deemed to be economic; the first with all processing and milling taking place on site; and the second with combination of an on-site heavy-media separation plant and an off-site, regionally located mill. The study also indicated that Weymin must increase the reserves in the Main zone to at least 4 million tonnes from the current 3 607 000 tonnes grading 7.24 g/t Au, 3.93% Zn, 3.0% Pb, and 81 g/t Ag (Weymin Mining Corp. News Release, Oct 26, 1998).

GRASSROOTS WORK

Several interesting new discoveries were reported by individuals and small companies in 1998. While working under a Prospectors Assistance Program grant Leo Lindinger discovered a new gold showing near Tumtum Lake in the Upper Adams River drainage. He staked 24 units as the **Bizar and Biz claims** (also known as the Goldstrike property) in the early fall, and later optioned the claims to Cassidy Gold Corp. A series of narrow (1-20 cm), quartz-pyrrhotite-pyrite-chalcopyrite veins cut micaceous quartzite and biotite-muscovite schist of the Shuswap Metamorphic Complex. A chip sample, collected by the author, across a 20 centimetre vein returned 56.8 g/t gold, 3423 ppm copper, 5270.5 ppm bismuth along with anomalous cobalt, nickel, molybdenum, selenium, tellurium and tungsten. There are pegmatites and mid Cretaceous felsic intrusions in the area. The geochemical signature and geological setting suggest this prospect may have similarities to the recently discovered Pogo deposit in Alaska.

Lindinger and partner Dave Pipe also optioned their **Ladybug Ag-Zn-Pb-Cu** property, located northeast of Chase, to Cross Lake Minerals Ltd. The property hosts disseminated, vein and possibly stratiform sulphide mineralization in skarned marble and siliciclastic rocks mapped as Eagle Bay Assemblage. Galena, sphalerite, chalcopyrite, magnetite and minor pyrite are present. Sampling by Cross Lake returned nine metres grading 78.2 g/t Ag, 1.9% Zn, 1.19% Pb and 0.19% Cu. A high

grade sample assayed 550 g/t Ag, 7.42% Zn, 0.92% Pb, and 0.92% Cu over 0.5 metres.

South of Bralorne, the **Hope** claims of Tom Illidge and Werner Gruenwald were staked in late 1997 to cover Cu-Zn-Au-Ag mineralization discovered along a new logging road. The showings consist of disseminated to massive sulphides and magnetite-sulphide zones hosted in metavolcanic rocks of the Late Triassic Cadwallader Group. The owners believe there is potential for both volcanogenic massive sulphide and skarn-type deposits on the claims.

Finally, Merritt-based Aboriginal Investments Inc., a private company, did exploration work on several promising properties optioned from local prospectors. These include **Dot** near Logan Lake (copper), **TUC** near Tulameen (platinum, palladium, gold, copper, nickel, magnetite), and **East Barriere** (Au-Ag-Zn-Pb).

ACKNOWLEDGEMENTS

I am grateful to the many prospectors, geologists and project managers who have provided me with hospitality, discussion, information and ideas while visiting their properties.

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