



WEST-CENTRAL AND NORTHWEST BRITISH COLUMBIA

SELECTED MINERAL PROPERTY EXAMINATIONS

By T. G. Schroeter

CAPOOSE LAKE (93F/6)

During 1979 Granges Exploration Aktiebolag, as operators, carried out drilling programs on its Ned molybdenum prospect and its E zone silver prospect, both situated near Fawnie Nose, approximately 110 kilometres south of Burns Lake.

Traces of molybdenite coating dry fractures in quartz monzonite were encountered in three diamond-drill holes totalling 352.7 metres on the Ned claims.

On the D and E claims, approximately 6 kilometres east of the Ned claim, the company drilled 25 percussion holes and nine diamond-drill holes totalling 1 434.4 metres. Galena, pyrite, pyrrhotite, chalcopyrite, and sphalerite occur as disseminations and as fracture fillings in fine-grained rhyolite tuffs and flows. Tetrahedrite, pyrrargyrite, electrum, and trace amounts of arsenopyrite have also been identified. Within the host rhyolites, pisolitic bands occur with pisolites up to 8 centimetres in diameter, and garnet is locally disseminated and/or banded. Significant jointing has an attitude of north 70 degrees east/85 degrees east. Flow banding in rhyolite strikes north 56 degrees east and dips 35 degrees west. Fairly consistent low grades of silver and minor gold assays have been obtained over a large area. Steel grey to black hematite is a common accessory.

The following character samples were collected:

Sample No. Location	Description	Au ppm	Ag ppm	Cu ppm	Pb ppm	Zn ppm
CAP-1 (east pit)	rhyolite	0.7	130	153	250	30
79-CAP-4 (237 ft.)	rhyolite	1	10	260	0.21%	348
79-CAP-3 (221 ft.)	rhyolite, highly oxidized	9	747	295	1.73%	348
79-CAP-2 (325 ft.)	rhyolite	0.7	1	0.23%	500	233
79-CAP-4 (502 ft.)	rhyolite	*	368	0.35%	0.26%	1.06%
79-CAP-5 (350 ft.)	rhyolite	trace	trace	0.03%	0.25%	0.3%
					Plus Mo	0.03%
					W	0.03%

* A small speck of gold was observed, but was lost during sample splitting.

SAM GOOSLY (93L/1E)

The Sam Goosly silver-copper-gold-antimony deposit is situated approximately 35 kilometres southeast of Houston. Exploration work to date included numerous geochemical and geophysical surveys, mapping, 3 500 metres of trenching, 32 000 metres of diamond drilling [Kennco Explorations, (Western) Limited, 1 to 62; Equity Mining Corporation, 63 to 207; Placer Development Limited, 208 to 229], and 177 metres of underground workings. Mineable reserves are 27 970 000 tonnes grading 106.3 grams silver, 0.384 per cent copper, 0.96 gram gold per tonne, and 0.084 per cent antimony. The property is being prepared for production by Equity Mining, controlled by Placer Development.