

NAME OF PROPERTY ASCOT (PIONEER) (ST. EUGENE)

OBJECT LOCATED

UNCERTAINTY IN METRES Lat. 54°47' Long. 126°43'10"

Mining Division Omineca District Range 5 Coast

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

A quartz vein which varies from 15 inches to 3.5 feet in width, strikes S79°E (?) and dips steeply northeast, occurs in an acid dyke cutting Hazelton volcanics. Both dyke and vein have been traced along strike for about 2,000 feet. Granodiorite also outcrops on the property. Two adits on the vein expose an average width of 1.5 feet of mineralized quartz, containing pyrite, arsenopyrite, chalcopyrite, galena, and sphalerite. A selected sample from the lower adit assayed: gold, 0.32 ounce per ton; silver, 10 ounces per ton; copper, nil; lead, 1.2%. A selected sample from an open cut assayed: gold, 0.10 ounce per ton; silver, 14 ounces per ton; copper, 0.2 per cent.

Associated minerals or products of value - Silver, lead, zinc, copper.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located at the head of Canyon Creek, between Dome and McKendrick Mountains, 18 miles east of Smithers.

The St. Eugene and St. Anne claims were held from about 1908 by John McKendrick and associates. The claims were under option to C.F. Law, of Vancouver, during 1909. Work during the period 1908-1910 included open cutting, 2 shafts sunk to 35 and 60 feet, and a 50 foot long drift adit.

The showings were apparently held as the Pioneer group of 4 claims by W.A. Skelhorne, G. Timmermeister, and associates, of Telkwa, in the early 1930's. The workings at that time included 2 drift adits, each about 75 feet in length.

Texas Gulf Sulphur Company acquired the Ascot 1-160 claims including the ground staked in earlier years. Geological, geochemical, and geophysical surveys were carried out in 1968. Additional staking was done in the Hem and AJS groups to a total of 171 claims. Work during 1969 included airborne and ground magnetometer and electromagnetic surveys, a geochemical soil survey, and 1,000 feet of diamond drilling in 3 holes.

Geostar Mining Corp - Prospective 28/05/85

120652

HISTORY OF PRODUCTION

REFERENCES

Leach, W.W.; Skeena River District; Summary Report 1910, p. 97, Geol. Surv. of Canada.

Reports of Minister of Mines, British Columbia: 1908, p. 64; 1909, p. 85; 1911, p. 109; 1934, p. C-11; 1968, p. 121.

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1969, p. 100.

MAP REFERENCES

Map 69-1, Smithers, Hazelton, and Terrace Areas, (Geological compilation), Sc. 1":4 miles, British Columbia Dept. of Mines.

Map 671 A, Houston, (Geol.), Sc. 1":4 miles (1942).

Map 5318 G, Driftwood Creek, (Aeromag.), Sc. 1":1 mile.

*Map 93 L/15, Driftwood Creek, (Topo.), Sc. 1:50,000.

REMARKS

Location from Mineral Deposit Inventory, Property No. 2179, British Columbia Dept. of Mines.

Comp./Rev. By	DMacR						
Date	1-76						