

NAME OF PROPERTY LEADER GROUP (WELLINGTON, MASCOT)

LOCATION

Uncertainty radius: 300 m.      Lat. 49°32'13"      Long. 116°07'53"

Mining Division	Fort Steele	District	Kootenay
County	Township or Parish		
Lot	Concession or Range		
Sec.	Tp.	R.	

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

The ore is found in a vein of white quartz in the argillaceous quartzites of the Creston Formation, which strike about N30°E and dip 65-80° east. This vein occupies a strong fissure which is either Sawmill Creek fault or an off-shoot from it. The ore favours the hanging wall and consists of galena, pyrite, some chalcopyrite and possibly some tetrahedrite with values of gold and silver. Other ores noted are sphalerite, pyrite, scheelite, hematite and stolzite.

HISTORY OF EXPLORATION AND DEVELOPMENT

This property is located on the Sawmill Creek Fault, 4.5 miles south of St. Mary's Lake, near Angus Creek. In 1932 the property was owned by J. Angus. Early exploration and development consisted of an adit, a shaft and open cuts, all caved. There was also a drift cut 127 feet long and some surface exploration.

In 1950 road construction to the property commenced but was ceased in October.

Estella Mines, Ltd., took option on the property in the following year and carried out general exploration. In 1955 the company changed its name to United Estella Mines Ltd., but it is not known if this company still holds this property.

Assays from the gold and silver range from 0.02 to 4.8 oz./ton Au and 0.3 to 57.5 oz./ton Ag.

## HISTORY OF PRODUCTION

## REFERENCES

- B.C. Dept. of Mines Reports: 1915, p. 113; 1932, p. 32; 1950, p. 155.
- Cairnes, C.E.; Some Mineral Occurrences in the Vicinity of Cranbrook, B.C.; Summary Report, 1932, Pt. A, p. 92, Geological Survey of Canada.
- Leech, G.B.; St. Mary's Lake, British Columbia; Paper 52-15, Geological Survey of Canada, 1952.
- Schofield, Stuart J.; Geology of the Cranbrook Area, B.C.; Memoir 76, p. 135, Geological Survey of Canada, 1915.
- Rice, H.M.A.; Nelson Map Area, East Half, B.C.; Memoir 228, p. 70, Geological Survey of Canada, 1941.
- Mines Branch, Ottawa; Investigations in Ore Dressing and Metallurgy, 1934, Rept. 748, pp. 126-133 (No. 598).

## MAP REFERENCES

- Preliminary Map 52-15A, St. Mary's Lake, B.C., (Geol.),  
Sc. 1:40,000, Paper 52-15, Geological Survey of Canada.
- Map 147 A, Cranbrook, Kootenay District, B.C., (Geol.),  
Sc. 1":4 miles, Memoir 76, Geological Survey of Canada.

## REMARKS

Lat. and long. measured on Preliminary Map 52-15 A, Dept. of Mines and Technical Surveys, G.S.C.

MAR 1973  
APR 1974

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