

NAME OF PROPERTY **W.S. (CARLTON)**

OBJECT LOCATED **-lower adit.**

UNCERTAINTY IN METERS **-300.** Lat. **49°09'40"** Long. **118°06'30"**

Mining Division **Greenwood** District **Similkameen**

County Township or Parish

Lot Concession or Range

Sec. Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

The showings occur in Pennsylvanian and/or Permian limestone or limy schist of the Mount Roberts Formation. The mineralization is mainly as fracture fillings but includes a small amount of replacement associated with chloritization. Replacement mineralization is exposed at the portal of the upper adit, and, 50 feet below, a well-mineralized chloritic zone about 8 feet long by 3½ feet wide strikes N70°W and dips vertical. Mineralization occurs in irregular fractures dipping northward at about 45 degrees. Some mineralization also occurs in fractures striking north to northwest with vertical or steep westward dips. Most occurrences of mineral are a few inches to 1 or 2 feet wide, with little apparent continuity.

Associated minerals or products of value - **Silver, gold, zinc.**

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located on the west side of McCrae Creek, about 1 mile northwest of Coryell. The workings are about one claim length southeast of the Hastings Crown-grant (Lot 2053).

The property was originally held by Hugh Breakell as the "Carleton". Shipments of ore were recorded in 1917 and 1925.

The property was restaked in 1947 by W.W. Schwartzenhauer, of Castlegar, as the W.S. and W.S. 1-4 claims. Schwartzenhauer and associates shipped 18 tons of sorted ore in 1949-50.

Cascade Lode Mines Limited, incorporated December 1952, optioned the W.S. and P.V. groups of 8 and 4 claims, respectively. Diamond drilling was done to investigate the downward extension of the best mineralized section. The workings comprised 2 old adits and stripping on the steep hillside. The upper adit is about 50 feet long. No. 2 adit, 90 feet below No. 1, is about 250 feet long in an average direction of south 70° west. A crosscut 70 feet from the portal extends 120 feet to the south. A raise driven 70 feet on the best showing leads to a sublevel 48 feet long 70 feet above. A little stoping was done from the raise in 1953 and 1954; a pod of galena 5½ feet wide was reported.

HISTORY OF PRODUCTION

From 1925 to 1954, 52 tons of sorted ore were shipped from this property. From this ore 7 ounces of gold, 791 ounces of silver, 27,206 pounds of lead, and 11,095 pounds of zinc were recovered.

REFERENCES

Hedley, M.S.; Coryell; Report of Minister of Mines, British Columbia; 1953, p. 111.  
 Reports of Minister of Mines, British Columbia: 1917, p. 449; 1925, p. 445; 1949, p. 156; 1952, p. 141; 1954, p. 122.

MAP REFERENCES

Map 6-1957, Kettle River, (Geol.), Sc. 1"=4 miles.  
 \*Map 82 E/1 E, Grand Forks, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	DMacR						
Date	9-74						