

PRODUCT

Zinc

PROVINCE

British Columbia

N.T.S. AREA

82 F/3

REF.

NAME OF PROPERTY

Shenango Canyon (Rainbow)

HISTORY OF EXPLORATION AND DEVELOPMENT

LOCATION

Lat. 49° 02' Long. 117° 18' 30"

The only published account of this property, other than that in the report by Fyles and Hewlett, (1960) is contained in the Annual Report of the B.C. Dept. of Mines for 1929. At that time the property was owned by M.C. McLaughlin & in 1929 and 1930 it was optioned to the Consolidated Mining and Smelting Company of Canada, limited, which carried out some diamond drilling (4 holes, totalling 1,246 feet), and did some trenching.

Mining Division

District Kootenay

County

Township or Parish

Lot

Concession or Range

Sec.

Tp.

R.

In 1948-49, 5 claims known as the Rainbow Group were located by J.C. Williams of Salmon, probably for Sherry Mines Limited. In 1951 the claims were optioned to Reeves Macdonald Mines Limited, which drilled 3 holes (about 2,600 feet) in 1951-52, after which the option was dropped. The property has now been open for several years.

OWNER OR OPERATOR AND ADDRESS

The workings include a short adit and several open cuts on the south side of the river, and an adit, now almost obscured by rubble, on the north side of the river.

Selected samples from the dumps at the portal of the adit on the south side of the river assayed: silver 9.0 oz/ton; lead 10.0%; and zinc, 6.2%. A sample from across the vein 2.5 feet wide, a few feet inside the adit assayed: Silver 1.3 oz/ton; lead 1.06%; and zinc, 2.5%.

DESCRIPTION OF DEPOSIT

Ore or substance

Assays of Samples of material from the zone containing the disseminated sulphides, according to Fyles and Hewlett, (1960), gave the following results: (see Fig 17, p 148 for sample locations).

| Sample No | Width | Silver (oz/ton) | Lead (%) | Zinc (%) |
|-----------|-------|-----------------|----------|----------|
| 1         | 3     | 0.5             | 0.65     | 0.13     |
| 2         | 6 in  | 0.4             | 0.36     | 0.27     |
| 3         | 3.5   | Trace           | 0.30     | 0.11     |
| 4         | 5.0   | "               | 0.17     | 0.29     |
| 5         | 6.0   | 0.3             | 0.23     | 1.0      |
| 6         | 10.0  | 1.0             | 0.12     | 0.15     |

a quartz vein and in

Character of Deposit

Showings of pyrite, sphalerite and galena

occur in a limestone in Shenango Canyon on the Salina River 1/2 to 3/4 of a mile west of the mouth of Proggem Creek. Two types of mineralization - a sulphide bearing quartz vein and disseminated sulphides in ~~limestone~~ limestone have been explored on the property. The quartz vein outcrops at the portal of the adit on the south side of the river, and has been

Country Rock followed underground for about 80 feet. On surface it is up to 3 feet thick, but underground it thins rapidly, and for most of its length it is less than 6 inches thick. The total width of the limestone band containing the disseminated sulphides appears to be as much as 50 feet. The zone is exposed at intervals for about 300 feet along strike on the south side of the river, and indicates are that it extends another 100 feet to the east, on the north side of the river.

Associated Minerals of value

Lead, silver

5-12-60

121387

## HISTORY OF PRODUCTION

## REFERENCES

Fyles, S. T., and Hewlett, C. G.; Stratigraphy and Structure of the Saline Lead-Zinc Area; Bull No 41, pp 147-149, Dept. of Mines B.C., 1959.

Annual Report; 1929, p 355; Dept. of Mines B.C.

Shipping point

Distance from mine

Material shipped

Carrier

Destination

## MAP REFERENCES

Map 299A, Saline Sheet, (Geol), Sc 1:1 mile.

~~#1~~ Geological map of the Saline Lead-Zinc Area, ~~Sc 1:1 mile~~  
Sc 1:2000' - Fig 3, Sheet B, accompanying Bull. No 41.

## REMARKS