

PRODUCT SILVER LEAD ZINC

PROVINCE

B.C.

MAP SQUARE A. 11

No. 82 F/3

Edward S. Collins
Iron Cap
See map fraction
Beaver Hill

NAME OF PROPERTY SALMO PRINCE
 (IRON CAP GROUP)

DEVELOPMENT WORK
 Former operations-2 small shafts worked
 1951-Surface exploration-Survey-Camp site
 Roads improved. D. Drilling program started.

	Equipped
	Not equipped

NEAREST POST OFFICE Salmo

V.P. fraction
cont'd # 2

LOCATION 9 1/2 mi. to Salmo Fawn Creek Mining Division
 District Salmo area

Falls # 2
Gold Bug # 2

County Township or Parish
 Lot Concession or Range
 L.S. Sec. Tp. R.

OWNERS OR OPERATORS AND ADDRESS
 Salmo Prince Mines Ltd. Inc. 1951.
 Conwest exploration Co. Ltd.
 (operating control) *cropped*

PRODUCTION
 Shipment 5 tons ore-early operations

Gold	0.03 oz.
Silver	34.5 oz.
Lead	46.3 %
Zinc	10 %
Iron	4 %

Material shipped
 Date of first shipment

DESCRIPTION OF DEPOSIT
 Ore or substance Galena sphalerite pyrite
 Character of Deposit
 Country Rock Limestone (Dolomitic)
 Associated minerals of value Silver Gold

TRANSPORTATION
 Shipping point Salmo (C.N.R.)
 Distance from mine 9 1/2 miles
 Carrier good road
 Destination

MAP REFERENCES
 General and district maps
 299A.
 Details maps, plans, sections

BC Dept. Mines. 1944 - P 193

G.S.C. Mem # 172 - P. 69

Northern Miner 13 Dec. 1951 - p. 9.

Western Canada Mining News. 15 Jan 1952

BC Dept. of Mines 1951 - P 138

" " " 1952 - P-146

Preliminary sampling gave-

Across	Silver	Lead	Zinc
4 ft.	10.8 oz.	16.6%	21.8%
3 ft.	7.0 oz.	9.9%	3. %

A. J. McD.
7/1/52.

<p>NAME OF PROPERTY <i>Iron Cap.</i></p>	<p>HISTORY OF EXPLORATION AND DEVELOPMENT</p> <p><i>"Workings on the property include two old shafts and a few bulldozer stoppings, and diamond drill holes made (20 feet in depth) in 1951 and 1952. One shaft is at an elevation of about 4400 feet, 1200 feet east and 1100 feet south of the bridge over Mugglet Creek, on the first road running east from Rona mine road.</i></p>
<p>LOCATION Lat. <i>49°04'</i> Long. <i>117°08'30"</i></p>	<p><i>... The shaft is in grey and white crystalline limestone with a The shaft is reported to be 20 feet deep. The shaft is in vague banding dipping steeply to the east. ... Galena and sphalerite are exposed on the north wall of the shaft, and a sample across 4 feet of the highest-grade material assayed: Gold 0.01 oz. per ton; silver, 12.2 oz. per ton; lead, 17.9 per cent; zinc, 13.9 per cent. ... About 200 feet north of the shaft, bulldozer stoppings expose grey and white dolomite containing scattered lenses of disseminated galena together with small amounts of sphalerite and quartz. A chip sample of the highest-grade mineralization, taken across 5 feet perpendicular to banding in dolomite, assayed: Gold, nil; silver, 0.2 oz. per ton; lead, 2.2 per cent; zinc, 2.0 per cent.</i></p>
<p>Mining Division District <i>Rootenay.</i></p>	<p><i>The second shaft, reported to be 30 feet deep, is 350 feet at south 15 degrees from the first. The shaft follows a zone of sulphides in grey dolomite. The zone is ... is a maximum of 3 feet thick and continues intermittently for about 150 feet north of the shaft. ... A sample across 2 feet of the zone on the north side of the zone assayed: Gold, nil nil; silver, trace; lead 0.09 per cent; zinc, 1.5 per cent.</i></p>
<p>County Township or Parish</p>	<p><i>... In 1951 and 1952 several holes were drilled near the first shaft and on the hill east of the shaft. No significant amount of lead-zinc mineralization was "found" (Fyles and Hewitt, 1954, pp 105-106).</i></p>
<p>Lot Concession or Range</p>	<p><i>Character of Deposit This group of S-Cu-Zn-graded classes and junctions is located on the east side of Mugglet Creek and extends for more than a mile in a north-south direction north of Sheep Creek. The classes cover an area of dolomite and limestone of the Helise formation, which contain local concentrations of sphalerite, galena, pyrrhotite and pyrite.</i></p>
<p>Sec. Tp. R.</p>	<p><i>Country Rock</i></p>
<p>OWNER OR OPERATOR AND ADDRESS</p> <p><i>1934: Neil M. Coleman.</i></p> <p><i>1951: Salmo Prime Mines Limited.</i></p> <p><i>158, 413 Granville Street,</i></p> <p><i>Vancouver.</i></p>	<p><i>Associated Minerals of value</i></p> <p><i>Lead, gold, silver</i></p>

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HISTORY OF PRODUCTION

REFERENCES

Eyles, J. T., and Hewlett, C. G.; Stratigraphy and Structure of the Salmo Lead-Zinc Area; Bull No 41, Dept. of Mines, B.C., 1959.

Walker, J. E.; Geology and Mineral Deposits of Salmo Map-Area, British Columbia; Memo 172, Geol. Surv. of Canada, 1934.

Annual Reports; 1924, p 193; 1951, p 138; 1952, p 146; Dept. of Mines, B.C.

Mineral Resources Division; Corporation File "Salmo Pacific Mines, Limited."

Shipping point

Distance from mine

Material shipped

Carrier

Destination

MAP REFERENCES

Geological Map of the Salmo Lead-Zinc Area, Sc 1:2,000 feet.
- Fig 3 accompanying Bull No 41.

Map 299A, Salmo Sheet, (Geol.), Sc 1:1 mile - accompanies Memo 172

REMARKS