

NAME OF PROPERTY		INTERNATIONAL (LOMOND)	
OBJECT LOCATED—centre of Glasgow claim (Lot 6599).			
UNCERTAINTY IN METERS -200.		Lat. 49°00'10"	Long. 117°20'20"
Mining Division	Nelson	District	Kootenay
County	Township or Parish		
Lot	Concession or Range		
Sec	Tp.	R.	

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

The rocks exposed along Lomond Creek are black, mottled cream and black, and banded cream dolomites that probably represent the lower strata of the middle division of the Nelway formation. These strata vary in strike from N70°E to S40°E, but in general trend about east. They dip 15° to 50°S, the average being nearer the lower figure. Only one dyke, of aplite, about a foot wide, was observed cutting the dolomite. A single reverse fault of small displacement, striking N60°E and dipping 75°NW, was also noted.

The workings along Lomond Creek comprise six adits, all comparatively short and some branching, and a number of open-cuts and pits. These are aligned roughly along Lomond Creek and explore a series of irregularly shaped bodies containing abundant hard goethite and soft earthy limonite. Within the earthy material are nodules of galena with thin coatings of anglesite and transparent to translucent crystals of cerussite mostly encrusted on the goethite.

The orebodies probably represent oxidized remnants of replacement bodies of pyrite or perhaps pyrrhotite and galena. These bodies occur within a stratigraphic range of less than 50 feet, and appear to favour the cream or mottled dolomite,

Associated minerals or products of value - Zinc, silver, iron. p.t.o.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located on the east side of the Pend D'Orille River at the British Columbia-Washington border, approximately 35 miles south of Nelson.

The International group was staked prior to 1908 by George Bell and associates and subsequently optioned to Shallenberger and McLeod, of Spokane. Fifteen claims (Lots 6598-6612) were Crown-granted to H.H. Shallenberger in 1913. Several hundred feet of underground work in 2 adits and a raise was apparently carried out by the International Lead and Iron Company, of Spokane, prior to 1915. International Crown Mines Consolidated, a Washington company, is reported to have acquired an option on the Shallenberger property in 1929.

No further activity was reported until 1946 when Sheep Creek Gold Mines, Limited, optioned the property. Diamond drilling totalling 816 feet was completed before the option was dropped. Messrs. Burgess and Lundgren leased the property from G. Shallenberger, of Nelson, in 1948. Limonite ore from surface workings was shipped during 1947-1948 to Lehigh Cement Works at Metaline Falls for use in the manufacture of cement. During this same period Shallenberger prospected the property for lead-zinc showings and shipped sorted galena to the smelter at Trail. Limonite ore was mined under contract by D.G. White and G. Gimple during 1950.

The property was sold late in 1951 by Mrs. Shallenberger to E.G. Brown & associates who incorporated International Lead & Zinc Mines Ltd. Geological mapping and bulldozer trenching was carried out in 1952. The company charter was surrendered in 1958.

Reference to map 211-1948

Mineral Resources Branch, Department of Energy, Mines and Resources, Ottawa.

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HISTORY OF PRODUCTION

During 1948-1950, 19 tons of sorted ore was shipped to Trail. From this ore 38 ounces of silver, 9,702 pounds of lead, and 962 pounds of zinc were recovered. During this same period, iron oxide shipments totalled 7,292 tons. (Bulletin No. 41).

REFERENCES

- Fyles, T.J., and Hewitt, G.G.; Stratigraphy and Structure of the Salmo Lead-Zinc Area; Bulletin No. 41, pp. 128-130, British Columbia Dept. of Mines, 1959.
- Little, W.H.; Nelson Map-Area, West Half, British Columbia; Memoir 308, p. 193, Geol. Surv. of Canada, 1960.
- Walker, J.F.; Geology and Mineral Deposits of Salmo Map-Area, British Columbia; Memoir 172, p. 62, Geol. Surv. of Canada, 1934.
- Reports of Minister of Mines, British Columbia: 1908, p. 108; 1913, p. 423; 1915, p. 167; 1929, p. 355; 1946, p. 148; 1947, p. 165; 1948, p. 136; 1949, p. 174; 1950, p. 128; 1951, p. 143; 1952, p. 150.
- Mineral Resources Branch; Corporation Files: "International Lead and Zinc Mines Ltd."

MAP REFERENCES

Geology of the Salmo Lead-Zinc Area, Sc. 1":2,000 ft., Fig. 3, Sheet B - Bulletin No. 41, British Columbia Dept. of Mines.

Map 1145 A, Salmo, (Geol.), Sc. 1":1 mile.

*Map 82 F/3 W, Salmo, (Topo.), Sc. 1:50,000.

DESCRIPTION OF DEPOSIT (continued)

although some are encased in black dolomite. They are closely spaced for a distance of nearly 1,000 feet along strike. The orebodies range in size from a few feet in diameter to one that is at least 20 by 50 feet and up to 16 feet thick.

Comp./Rev. By	IMacR						
Date	12-73						