

PRODUCT	COPPER	PROVINCE OR TERRITORY	British Columbia	N.T.S. AREA	93 E/14	REF. Cu 2
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NAME OF PROPERTY	SET, LOST, ICE (LEAD EMPIRE)					
OBJECT LOCATED	as given in Geology, Exploration, and Mining, 1971.					
UNCERTAINTY IN METERS	Lat. 53°49'30"	Long. 127°26'				
Mining Division	Omineca	District	Range 4; Coast			
County	Township or Parish					
Lot	Concession or Range					
Sec	Tp.	R.				

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

Galena, sphalerite, and pyrite occur in veins and covellite, chalcopyrite, and pyrite occur disseminated in diorite and altered Hazelton Group rocks near a diorite intrusion.

Associated minerals or products of value - Silver, lead, zinc.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located in the Tahtsa Range some 7 miles north of Tahtsa Lake and about 43 miles southwest of Houston. The claims adjoin the Berg property.

The original lead-zinc showing was discovered by Wm. Sweeney and staked as the Tri-Connel group for the Consolidated Mining & Smelting Company of Canada Limited in 1929. Trenching by the company during 1930 reportedly traced a 4-foot wide vein for several hundred feet. The claims subsequently lapsed.

In 1948 the Tri-Connel showings were reported restaked as the Lost group of 4 claims by W.H. Patmore and George Seel, agents for Godfrey F. Snaft, of Vancouver. Two other occurrences discovered at that time were staked as the Fissure and Silver groups of 4 claims each. The Fissure group was staked adjoining the Lost group in a southwesterly facing cirque; the Silver group was located at the same elevation about 1 mile to the southwest, across the creek, on a northeast facing slope. The three claim groups were termed collectively the "Lead Empire". A program of trenching and stripping was carried out during 1951 and 1952 under the name "Lead Empire Syndicate".

Subsequent details are lacking. The 6 member Syndicate is reported to have maintained the claims and in 1968 sold out to Sierra Silver Mining Company, a Nevada corporation. The agreement of October 20, 1968, covered 15 claims, the Lost 1-4, Ice 1-5, IT, and Set 12-16; the Lost 1-4 claims were awarded to Kennco Explorations (Western), Limited, in 1973 through a court action (see Berg 93 E/14, Cu 1). The agreement was assigned to Sierra Silver Mining Company Ltd., which had been incorporated in British Columbia in April 1968; the company name was changed in 1969 to Sierra Empire Mines Ltd. Work during the period 1969-1971, inclusive, included geological mapping, trenching, and 8,219 feet of diamond drilling in 25 holes. Additional staking was done in 1971 and 1972 to a total of 47 claims.

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

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HISTORY OF PRODUCTION

REFERENCES

Patmore, W.H.; Lead Empire (Omineca) Group; Western Miner, Vol. 22, February 1949, pp. 39-43 - in Lead Empire Syndicate File.

Duffell, S.; Whitesail Lake Map-Area, British Columbia; Memoir 299, pp. 87, 88, Geol. Surv. of Canada, 1959.

Reports of Minister of Mines, British Columbia: 1951, p. 118; 1952, p. 97.

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1969, p. 92; 1970, p. 108; 1971, p. 157.

Mineral Resources Branch; Corporation Files: "Lead Empire Syndicate"; "Cominco Ltd." - Annual Report 1930, p. 34.

MAP REFERENCES

Map 1064 A, Whitesail Lake, (Geol.), Sc. 1":4 miles -
 accomp. Memoir 299.

Map 93 E/14, Newcombe Lake, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	DCM						
Date	11-73						

BCI 93E-8