

PRODUCT LEAD
PRODUIT

PROVINCE OR TERRITORY PROVINCE OU TERRITOIRE

British Columbia

N.T.S. AREA 82 F/15
RÉGION DU S.N.R.C.

REF. PB 8
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

HUMBOLT, SAILOR BOY

OBJECT LOCATED - Humbolt claim (Lot 2015).
OBJET LOCALISÉ

UNCERTAINTY 300 m
FACTEUR D'INCERTITUDE

Lat. 49°45'15" Long. 116°38'20"
Lat. Long.

Mining Division Slokan
Division minière

District
District

Kootenay

County
Comté

Township or Parish
Canton ou paroisse

Lot
Lot

Concession or Range
Concession ou rang

Sec
Sect.

Tp.
Ct.

R.
R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The host rock is Proterozoic micaceous quartzite of the Horsethief Creek Formation. A 2-4 foot wide quartz vein which parallels the bedding has been traced for about 180' and contains a mineralized shoot of apparent 80' length. The vein is well mineralized with sphalerite, galena, pyrite, chalcopyrite, minor stannite, and possibly tetrahedrite. The stannite is chiefly associated with sphalerite, which contains blebs of stannite, galena, and chalcopyrite. A composite sample was found to contain more than 2 per cent tin by spectroscopic analysis and 1.3 per cent by chemical analysis. A grab sample taken in 1922 from a pile of sorted ore gave: Au, 0.02 oz/t; Ag, 61.2 oz/t; Pb, 75.7%, Zn, 5.4%.

HISTORY OF EXPLORATION AND DEVELOPMENT
HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR

The property is located at 5,000' elevation on an east fork of Crawford Creek about a mile west of Rose Pass and some 28 miles west of Kimberley.

The Humbolt (Lot 2015) and Sailor Boy (Lot 2016) were Crown-granted in 1900 to J.B. MacLaren. Workings dating from that period include open cuts and 138' or more of drifts and crosscuts in two adits.

The property was acquired under lease by G. Foulkes, of Kaslo, in 1922 and sorted ore was shipped in 1923. The Humbolt claim was owned in 1940 by Oscar Burden, of Kaslo. Canadian Exploration Company Limited in 1946 re-opened the workings to examine the showings. Small ore shipments were made by lessees R. and G. Golak in 1948, by Talmor Mines Ltd in 1952, and by D. Fulton and R. Sutton, of Cranbrook, in 1963.

The Humbolt and Sailor Boy claims were owned in 1964 by E.T. Coleman, of Nelson. An option was acquired by D. Wade and associates, of Calgary, and 6 tons of ore was shipped from a bulldozed section of flat lying vein. Messrs. Wade, Sutton, Fulton and associates in 1966 incorporated Rose Pass Mines Ltd to acquire the Humbolt and Spring Creek (82 F/10, SN 1) properties. The company subsequently staked 84 adjacent claims. Work on the Humbolt property in 1966-68 included potential surveys and 2,786' of diamond drilling in 23 holes on IP anomalies. Further diamond drilling was reported on the Humbolt property in 1971 and 1973. The company name (Rose Pass) was changed in 1974 to Range Industries Ltd.

507295

Associated minerals or products - Silver, gold, zinc, copper, tin.
Minéraux ou produits associés

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HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

Recorded production under the names Humbolt (Humboldt) and Sailor Boy for the period 1923-1964 totals 57 tons. From this ore 2,258 ounces silver, 53,133 pounds of lead and 7,852 pounds of zinc were recovered.

REFERENCES/BIBLIOGRAPHIE

+Rice, H.M.A.; Nelson Map Area, British Columbia; Mem. 228, p. 73, Geol. Surv. of Canada, 1941.

Reports of Minister of Mines, British Columbia: 1900, p. 984; 1922, p. 192++; 1946, p. 149; 1948, p. 137; 1952, p. 42; 1963, p. 49; 1964, p. 132; 1966, p. 227; 1967, p. 260; 1968, p. 262.

Geology, Exploration and Mining; British Columbia Dept. of Mines: 1971, p. 406; 1972, p. 56; 1973, p. 71.

Mineral Policy Sector; Corporation Files: "Rose Pass Mines Ltd".

Mulligan, R.; Geology of Canadian Tin Occurrences; Economic Geology Report No. 28, Geol. Surv. of Canada, 1975.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 603 A, Nelson (East Half), (Geol.), Sc. 1":4 miles - accomp. Memoir 228.

Geol. Surv. of Canada, Open File 929.

#Map 82 F/15, Kaslo, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	09-85						