

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

WISCONSIN, LUCKY STRIKE

OBJECT LOCATED - Wisconsin claim (Lot 2928).
OBJET LOCALISÉ

UNCERTAINTY 300 m
FACTEUR D'INCERTITUDE

Lat. 49°24'40"
Long. 116°57'40"

Lat. Long.
Mining Division Nelson District
Division minière District

County Nelson Township or Parish
Comté Canton ou paroisse

Lot Concession or Range
Lot Concession ou rang

Sec. Tp. R.
Sect. Ct. R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

Map 603 A indicates the area is underlain by Late Pre-cambrian Horsethief Creek sedimentary rocks in contact with Post Triassic granitic to dioritic intrusives. A shear zone with average strike N30°E and dip 55°-70°NW locally follows the very irregular western contact of the intrusive. Alteration occurs for some distance from the shearing and the contacts. Quartz and sulphides occur in irregular lenticular masses, generally along the shearing. The sulphide lenses are from a few inches to 4 or 5 feet wide. Disseminated sulphides occur in the altered rock. At some points overlapping sulphide lenses with disseminated mineralization give widths of 15 or 20 feet, and it appears that greater widths may occur where a branch diverges from the main shear. The greatest widths usually include horses of barren or very low-grade material.

The mineralization includes arsenopyrite, pyrite, marcasite, pyrrhotite, chalcopyrite, galena, sphalerite and antimony. In the oxidized zone, which extends to considerable depth, these minerals occur with quartz, siderite and

p.t.o.

Associated minerals or products - Arsenic, silver, copper, lead, zinc, antimony,
Minéraux ou produits associés

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

The property is located at 6,200' elevation on the south side of Midge Creek, some 15 miles east-southeast of Nelson.

The property originally consisted of two claims, the Wisconsin (Lot 2928) and Lucky Strike (Lot 2929), which were Crown-granted to C.A. Fleming & associates in 1899. Details of early activity are lacking but development work prior to 1903 included trenching, 2 crosscut adits and drifts totalling about 430' and a winze from No. 1 adit.

The property remained idle for many years, possibly due to the complex nature of the ore. The Porcupine Goldfields Development & Finance Company, Limited examined the property in 1926. Interior Mine-Development Company, Limited was incorporated in May 1928 by O. Frith and associates, of Nelson, to acquire a lease on the property. An electrical survey was carried out late that year by the Radiore Company of Canada. Eastern Canadian interests examined the property in 1930. A Spokane company, General Mining, Milling & Leasing Company, reportedly held the property for a short period. Vancouver interests, under the name Lucky Strike Mining Syndicate, in 1933 carried out trenching, sampling and about 1,000' of diamond drilling in 3 holes.

In 1935 A.C. Frost and associates, of Seattle, acquired a lease on the property from the owners, C. Hussey and A. Fleming, of Spokane, and the H. Stambaugh Estate, of Youngston Ohio. Sixteen adjacent located claims in 3 groups were acquired; the Aerielle and Belkap groups by staking and the Strathcona group by lease from E.C. Wragge & associates, of Nelson. Work to mid 1937 included deepening the winze to 160' and drifting on the 150' level. Samples were sent to Mines Branch, Ottawa for tests.

A lease on the property was acquired in about 1939 by E. McQuade, of Ymir, apparently under the name Vendors, Limited. Canadian Exploration, Limited optioned the property in 1940 and carried out 250' of drifting and 180' of cross-cutting on No. 1 level. The workings to date included numerous open cuts, a 113' shaft, and 5 adits. Number 1 adit comprised about 630' of drifts and crosscuts and a 160' winze; about 750' of drifting and crosscutting was done from the winze 150' level. Adit No. 3 comprised about 970' of

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

drifts and crosscuts. Adit Nos. 2, 4 and 5 comprised about 200' of drifts and crosscuts; No. 4 adit is located to the northwest, on the other side of the ridge. Geologically inferred reserves were reported as 150,000 tons at 0.35 oz/t Au and 5.0 oz/t Ag (Northern Miner 1/11/84).

Esperanza Explorations Ltd optioned the property in February 1980 from owners Fleming, Stambaugh and associates. Work that year included geological and geochemical surveys. In 1984 BP Selco Inc. optioned the property. Work in 1984-85 included geological mapping, an electromagnetic survey over 24.4 km, and 2618 m of diamond drilling in 14 holes. Dutch Creek Resources Ltd., under an option agreement with Esperanza Explorations in 1988 carried out diamond drilling.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

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

Sketch Map of the Bayonne-Midge Creek Area, Report of Minister of Mines, B.C., 1937, p. E 10.

Map 82 F/7, Boswell, (Topo.), Sc. 1:50,000.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT (continued)

residual gangue. The values are chiefly in gold with some silver. A composite average of 7 samples, mostly sulphides, as reported in 1932, averaged 0.48 oz/t Au, 4.1 oz/t Ag, 0.6% Pb, 0.65% Zn, 1.42% Cu.

Comp./Rev. By Comp./rév. par	DMacR	DMacR					
Date Date	04-85	03-88					

REFERENCES/BIBLIOGRAPHIE

Reports of Minister of Mines, British Columbia: 1899, p. 845; 1903, p. 149; 1928, p. 326; 1929, p.356+; 1930, p. 278; 1933, p. 240; 1935, p. E 27; 1936, p. E 43; 1937, p. E 22++; 1940, p. 70.

Lode Gold Deposits of British Columbia, Bulletin 1, 1932, p. 108, British Columbia Dept. of Mines.

Rice, H.M.A.; Nelson Map Area, East Half, British Columbia; Memoir 228, p. 65, Geol. Surv. of Canada, 1941.

Mineral Policy Sector; Corporation Files: "Esperanza Exploration Ltd".

George Cross News Letter: 26/10/84; 1985, No. 169; 1988, No. 79.

Exploration in British Columbia; BCDM: 1985, p. C45.