

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

MORNING (APEX) (COLUMBIA)
(JINGO BIRD) (MIKE)

OBJECT LOCATED - Morning claim (Lot 975).
OBJET LOCALISÉ

UNCERTAINTY 300 m
FACTEUR D'INCERTITUDE

Lat. 49°17'50"
Lat.

Long. 125°16'10"
Long.

Mining Division Alberni
Division minière

District
District

Clayoquot

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 main showing is a persistent, northeasterly striking, northwest dipping shear zone in massive Permian to Upper Triassic Karmutsen Formation volcanics. Along the hanging wall a discontinuous quartz vein, 30-90 cm wide, carries disseminated chalcopyrite, pyrite and locally sphalerite. A footwall quartz vein, where exposed in a crosscut, is 90 cm wide and well mineralized with disseminated chalcopyrite. Sampling underground indicated values from 0.02 to 0.34 oz/t Au. Metallurgical tests indicate the gold is contained in both the pyrite and chalcopyrite.

Associated minerals or products - Copper, zinc.
Minéraux ou produits associés

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

The property is located on the north side of Taylor River about 1 mile southeast of Doran Lake, 20 miles west-northwest of Port Alberni.

The showings were discovered and staked in 1898 by R.W. Lindsay, of Alberni, as the Jingo Bird and Jingo Bird No. 2 claims. Exploration work was confined to trenching. Adjacent claims, Double Crown 1 and 2, were staked on the probable extension of the Jingo Bird veins. Further activity was reported during 1907-08 on the Jingo Bird and adjacent Silver Star claims. By 1916 the property was held by Mr. Lindsay as the Columbia 1-3 and Highlevel claims. The workings at that time included a 343 foot long adit.

The showings were restaked as the Morning, Morning No. 1, and Apex claims by A.L. Smith, of Alberni, in 1922. Limited exploration, mainly for assessment purposes, was carried on into 1929. A syndicate, headed by Gordon Campbell, of Port Alberni, and P.L. Anderson, of Courtenay, optioned the property in 1930 and some work was reported on the Apex claim. Taylor River Gold Mines, Limited, was incorporated in April 1934 to acquire the 23 claim property. No work other than prospecting and sampling was reported. The Morning, Morning No. 1 and No. 2, Apex, Apex Fraction, and Apex No. 3 Fraction claims (Lots 975-980, respectively) were Crown-granted to the company in 1939. The company charter was subsequently surrendered.

Sileurian Chieftain Mining Company Limited held the 6 Crown-grants and 11 recorded claims during the period 1960-1963. Work by the company included 4 x-ray diamond drill holes totalling 430 feet and 13 diamond drill holes totalling 2,003 feet.

Lou-Mex Mines Limited in 1971 acquired Mineral Lease M 66 covering the 6 Crown-grants from Dr. Joseph Tanous, President of the company, and optioned the Mike 1-15 and AJ 1-15 recorded claims from Mike Zunio and J.R. Ainsworth, respectively. Work during 1971 and 1972 was confined to rock trenching. In 1974 Lou-Mex optioned the property to Highland Mercury Mines Limited, who sub-optioned to Hibernian International Development Corp. L. Work on the Morning claim included 1,396' of diamond drilling in 2 holes and a tellurometer survey of drill holes and trenches. Work in 1976 under the above

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

agreement included 12 m of crosscut, 41 m of drifting and 92.6 m of underground diamond drilling on the Morning claim. In 1978 the Crown-grants were reportedly owned by G.E. von Rosen, of Vancouver; a VLF-EM survey was carried out over 4.75 km covering the Apex claim.

International Phasar Telecom, as owners, in 1984 optioned the property to Gladiator Resources Ltd and Bowes Lyon Resources Ltd, operators of the adjacent Tay property.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 17-1968, Alberni, (Geol.), Sc. 1:250,000, accomp. Paper 68-50.

Map 92 F/6, Great Central Lake, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	02-87						

REFERENCES/BIBLIOGRAPHIE

Reports of Minister of Mines, British Columbia: 1899, pp. 781, 785; 1907, p. 148; 1908, p. 142; 1916, p. 319; 1922, p. 229; 1923, p. 242; 1926, p. 297; 1927, p. 342; 1929, p. 373; 1930, p. 292; 1934, p. F-4; 1960, p. 110; 1961, p. 103; 1963, p. 121.

Mineral Policy Sector; Corporation Files: "United Chieftain Resources Ltd."; "Lou-Mex Mines Limited".

Muller, J.E., and Carson, D.J.T.; Geology and Mineral Deposits of Alberni Map-Area, British Columbia; Paper 68-50, Geol. Surv. of Canada.

Mines Branch, Ottawa; Investigations in Ore Dressing and Metallurgy; 1924, Rept. 643, pp. 55-58 (No. 212); 1926, Report 688, pp. 32-34 (No. 247).

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1971, p. 247; 1974, p. 176.

Geological Fieldwork; BCDM: 1976, p. 31.

Exploration in British Columbia; BCDM: 1976, p. 113; 1979, p. 130.

Geology in British Columbia; BCDM: 1976, p. 45+.