

PRODUCT GOLD
PRODUIT

PROVINCE OR TERRITORY PROVINCE OU TERRITOIRE

British Columbia

N.T.S. AREA 92 K/6
RÉGION DU S.N.R.C.

REF. AU 1
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

ALEXANDRA (ALEXANDRIA)

OBJECT LOCATED - Alexandra claim (Lot 225).
OBJET LOCALISÉ

UNCERTAINTY 300 m
FACTEUR D'INCERTITUDE

Lat. 50°29'20" Long. 125°22'45"
Lat. Long.

Mining Division Nanaimo
Division minière

District Range 1, Coast
District

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 underlying rocks comprise a northwest trending belt, possibly a mile wide, of pre-Mid Jurassic metamorphosed sedimentary and volcanic rocks contained in Coast Range granodiorite. Within this belt and on or near the granodiorite on the south-west side, a zone of shearing has been replaced in places by quartz veins conforming with the strike of the schistosity; i.e., north-westerly. On the Alexandra the main quartz vein is exposed on the shore-line and where crosscut underground is as much as 100 feet wide. The mineralization consists of pyrite, in places containing a little chalcopyrite, carrying gold and small silver values. As the gold is practically all contained in the iron sulphides the ore is very amenable to concentration.

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

The property is located on the west side of Phillips Arm, some 130 miles northwest of Vancouver.

Seven claims, the Alexandra, Waterloo, Emperor Fr., Highland Laddie, Duke, Jubilee Fr., and Duchess (Lots 225-231 respectively) were Crown-granted in 1897-88 to H. Rhodes, of Vancouver. Phillips Arm Gold Mines, Limited Liability was incorporated in January 1897 to acquire the property. Development work in several adits continued into 1899. On the nearby All Up claim an adit had been driven from the beach for about 110 feet following an irregular quartz vein about 24" wide. No further activity was reported until 1919 when Mr. Rhodes, on behalf of the company, reopened, resurveyed, and sampled the workings. In 1923 C.H. Dickie and Beaton & Hemsworth, of Vancouver, acquired a lease and bond on the property. Rehabilitation of the workings and raising from the lower adit was carried out.

Alexandria Mining Company, Limited was incorporated in British Columbia in September 1925 by Mr. Dickie, H.M. Waters & associates to acquire the property. Some development work was reported during 1925-26 but apparently finances were limited. Alexandra Gold Mines, Limited was incorporated in Ontario in December 1927 by H.W. Waters & associates as a holding company to acquire a block of shares in Alexandria Mining Company. Development work resumed in 1928 and continued until late in 1931. The workings at that time included 5 adits between the beach and the 400 foot elevation, comprising about 1,900 feet of drifts and crosscuts; the lower (No. 1) adit was driven from the beach for 550 feet westerly, with 3 crosscuts each about 300 feet long, and a 50 foot raise to No. 2 adit. At a point 300 feet from the portal of the lower adit a shaft was sunk to 268 feet and levels driven at 100 and 200 feet; the 100 foot level was driven westerly for 500 feet. The No. 5 adit, located at the 245' elevation between Nos. 2 and 3 adits, was driven in 1929.

Premier Gold Mining Company, Limited optioned the property late in 1933. About 1,500 feet of drifting and crosscutting was done in extending the 100' and 200' levels in the shaft and No. 1 and 2 adits. The underground workings were sampled; zones of economic interest were identified in

see Card 2

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

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

During the 1939-40 period, 1,868 tons of ore were shipped from this property. From this ore 715 ounces of gold, 1,305 ounces of silver, and 3,883 pounds of copper were recovered.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 65 A, Coast and Islands between Strait of Georgia and Queen Charlotte Sound, (Geol.), Sc. 1":4 miles - accomp. Memoir 23, Geol. Surv. of Canada, 1913.

Plan of claims, Sc. 1":3,000' (approx.), Report of Minister of Mines, British Columbia, 1925, p. 276.

#Map 92 K/6, Sonora Island, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR	DMacR	DMacR				
Date Date	05-81	05-86	06-88				

REFERENCES/BIBLIOGRAPHIE

Reports of Minister of Mines, British Columbia:

1897, p. 575; 1898, pp. 1138, 1142, 1197;
 1899, p. 806; 1920, p. 212⁺; 1923, p. 254;
 1925, p. 280; 1926, p. 310; 1927, p. 354;
 1928, p. 380; 1929, p. 386; 1930, p. 304;
 1931, p. 202; 1933, p. 256; 1934, pp. F 7, G 48;
 1939, p. 41; 1940, p. 74.

Bancroft, J.A.; Geology of the Coast and Islands between the Strait of Georgia and Queen Charlotte Sound; Memoir 23, p. 137, Geol. Surv. of Canada, 1913.

Stevenson, J.S.; Lode-Gold Deposits, South-western British Columbia; Bulletin No. 20, Pt. IV, p. 12, B.C. Dept. of Mines, 1944.

Mineral Policy Sector; Corporation Files: "Alexandria Mining Company, Limited"; "Alexandria Gold Mines, Limited"; "Premier Gold Mining Company, Limited"; "Corpac Minerals Ltd."; "Charlemagne Resources Ltd".

⁺⁺Lode-Gold Deposits of British Columbia, compiled by J.D. Galloway; Bulletin No. 1, 1932, p. 137, British Columbia Dept. of Mines.

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1976, p. E 126.

Exploration in British Columbia; British Columbia of Mines: 1980, p. 266; 1983, p. 327; 1985, p. 228; 1986, p. C274.
 International Prospector & Developer, May/June 1985, p. 7.

George Cross News Letters: 1985, No. 126.

PRODUCT PRODUIT	GOLD	PROVINCE OR TERRITORY	PROVINCE OU TERRITOIRE	British Columbia	N.T.S. AREA 92 K/6 RÉGION DU S.N.R.C.	REF. AU 1 RÉF.
--------------------	------	--------------------------	---------------------------	------------------	--	-------------------

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

ALEXANDRA (ALEXANDRIA)

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

the lower adit, and on the 100 foot level from the shaft. About 15,000 tons of material at approximately 0.30 oz/ton Au were indicated in a shoot between the two levels (Report of Minister of Mines, British Columbia, 1934, p. F 8). The company gave up its option in August 1934.

Lessee F.H. Fox shipped some ore from the property in 1939. Alex, Limited, incorporated in April 1940, shipped some ore from a stope above the lower adit during an operation lasting several months in 1940.

Envoy Resources Ltd. carried out a geochemical soil survey (152 samples) in 1976 under an option agreement with the owners M.P. Warshawski and J.W. MacLeod. Corpac Minerals Ltd. in 1980 optioned the Alexandra group from the above owners, and the adjacent Enid-Julie property. Indicated and inferred reserves of 19,299 tons grading 0.306 oz/t gold were estimated, based on work by Premier in 1933-34 (G.A. Noel, Oct. 8, 1980 in Statement of Material Facts 57/81, Corpac Minerals Ltd.). Work by Corpac in 1980 included a geochemical soil survey (105 samples).

Charlemagne Resources Ltd in November 1982 optioned 17 reverted crown grants. Work in 1983 included 576 m of u/g development and 482 m of u/g dd in 5 holes. Falconbridge Limited entered into an agreement with Charlemagne and in 1985-1986 carried out geochemical surveys comprising 1687 soil and 440 rock samples, airborne magnetometer and electromagnetic surveys over 300 km, and a ground electromagnetic survey over 200 km on the Alexandra and adjacent ground. A geophysical anomaly was found some 5 km to the northwest on the Commonwealth claims (92K-25). In the Alexandra underground workings diamond drilling totalled 759 m in 15 AQ holes. Reserves were reported as 25 600 tonnes at 10.0 g/mt Au (Exploration in British Columbia, 1986, p. C274).