

PRODUCT  
PRODUIT

GOLD

PROVINCE OR  
TERRITORY PROVINCE OU  
TERRITOIRE

British Columbia

N.T.S. AREA 103 I/8  
RÉGION DU S.N.R.C.

REF. AU 1  
RÉF.

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ

DARDANELLE (J.P.)

OBJECT LOCATED - Shaft.  
OBJET LOCALISÉ

UNCERTAINTY 300 m  
FACTEUR D'INCERTITUDE

Lat. 54°29' Long. 128°14'  
Lat. Long.

Mining Division Omineca  
Division minière

District  
District

Range 5 Coast

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 property is underlain by the Upper Cretaceous or Later Coast Intrusions. Hornblende and hornblende biotite granodiorite are cut by a 15- to 25-foot quartz albite dyke which strikes N70°E to 80°E and dips at 70° to 75°N. Quartz veins 1' to 6.5' wide and probably averaging about 3' wide occur at intervals along both contacts of the dyke for 2,300' and a vertical range of 600' as indicated by trenching. Five samples taken by Kindle (1937) assayed from 0.015 to 0.38 oz/t gold and from 0.05 to 10.54 oz/t silver. Ore minerals present in a sample sent to the Mines Branch, Ottawa were pyrite, sphalerite, galena, chalcopyrite and covellite. Tests indicated that little of the gold content was free milling. A grab sample from a pit in 1921 gave 0.6 oz/t Au; 11.4 oz/t Ag; 2.4% Cu. A sample across 4' at the collar of the shaft in 1927 assayed 0.12 oz/t Au; 2.0 oz/t Ag; lead, nil; zinc, 1%.

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

The property is located at 700' elevation on McNeill Creek, on the north side of the Zymoetz River, 14 miles east of Terrace.

Four claims, the Trail, Trail Fraction, Independent and Dardanelle were owned by A. Carmichael and associates from 1914 or earlier. Development work to 1927 included trenching, a 45' adit and a 40' shaft.

Omineca Gold Quartz Mines, Ltd was incorporated in February 1935 by Fred Wells and associates to develop the property. In the period 1937-1940 the company drove an exploratory drift adit for 1,646' along the dyke. At this point the face of the adit was about 600' below the collar of the shaft. A hydro-electric plant was installed in 1939 to provide power for the operation. The showings were restaked and Crown-grants issued to the company for the Money Maker 1-3 and McNeill 1-4 claims (Lots 7516-7522 respectively) in 1952-53.

Univex Mining Corp Ltd acquired the 7 reverted Crown-grants as Mineral Lease M-88 in 1968. Work in 1969-70 included a geochemical soil survey, trenching, rehabilitation of the main adit, and 1,000' of diamond drilling in 10 holes on surface; core recovery was poor. In 1978 the company dropped 3 of the leased Crown-grants. The 4 remaining claims were subsequently identified by the company as the "J.P. Group". An August 1983 Report by S. Reamsbottom P. Eng. suggested the property could contain approximately 200,000 tons of gold-silver mineralization containing 44,000 ozs gold and 400,000 ozs silver (George Cross News Letter, 13/02/84, p. 2).

121506

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

Mineral Policy Sector, Department of Energy, Mines and Resources, Ottawa  
Secteur de la politique minière, ministère de l'Énergie, des Mines et des Ressources, Ottawa

Reports of Minister of Mines, British Columbia: 1914, p. 116; 1918, p. 52; 1921, p. 94; 1926, p. 124; 1927, p. 123; 1932, p. 83; 1935, pp. C 35, G 48; 1936, p. C 37; 1937, p. C 32; 1939, p. 68; 1940, p. 53;

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1969, p. 78; 1970, p. 193.

Duffell, S. and Souther, J.G.; Geology of Terrace Map-Area; Memoir 329, p. 78, Geol. Surv. of Canada, 1964.

Kindle, E.D.; Mineral Resources of Terrace Area, Coast District; Memoir 205, p. 33, Geol. Surv. of Canada, 1937.

Hanson, George; Reconnaissance in Zymoetz River Area; Summary Report 1925, Pt. A., p. 115, Geol. Surv. of Canada.

Mineral Policy Sector; Corporation Files: "Omineca Gold Quartz Mines, Ltd"; "Univex Mining Corp. Ltd".

Mines Branch, Ottawa; Investigations in Ore Dressing and Metallurgy; 1935, Report 771, pp. 170-174 (No. 658).

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 1136 A, Terrace, (Geol.), Sc. 1":4 miles - accomp. Memoir 329.

#Plan of part of Dardanelle group, Sc. 1":600', Fig. 7, Memoir 205.

\*Map 103 I/8, Chist Creek, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	02-85						