

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

THISTLE

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Mining Division <i>Division minière</i>	Alberni	District <i>District</i>	
County <i>Comté</i>		Township or Parish <i>Canton ou paroisse</i>	
Lot <i>Lot</i>		Concession or Range <i>Concession ou rang</i>	
Sec <i>Sect.</i>	Tp. <i>Ct.</i>	R. <i>R.</i>	

Lat. 49°06'12" Long. 124°38'20"

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

Vananda Explorations Ltd., (1965)
661 Hornby St.,
Vancouver, B.C.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The mineralization consists of gold-copper ore in a high-temperature replacement deposit found along two shear-zones about 130 feet apart. These shear-zones are in a band of altered limestone, 200 feet wide, which strikes N20°W and dips 60 to 75° southwestward. The limestone is enclosed on three sides, northeast, southeast, and southwest, and in part underlain by fine-grained diorite. The limestone has been largely replaced by fine-grained diopside, resulting in a dense, light-green rock. The ore consists mainly of chalcopyrite and some pyrite in a gangue of calcite and a little quartz. Very fine magnetite is dispersed through much of the calcite.

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

This property, consisting of 5 Crown-granted claims, the Thistle, Pansy, Primrose, Rose, and Jumbo, is located on the headwaters of the Franklin River, about 8 miles east of Alberni Inlet.

The Thistle claim (Lot 91 G) was staked in 1896 by A. Watson & associates and by 1899 some 150 feet of underground work had been done. The Alberni Gold and Copper Company Limited, formed by a San Francisco syndicate, purchased the property in 1900. Considerable development work was carried out underground and 6 miles of road constructed. The company ceased operations in 1901 and the claims reverted to the original owners.

Very little mining was done from 1901 to 1938 when the property was acquired by United Prospectors Limited of Victoria. This company, or its lessees, and later, an affiliated company, the Vancouver Island Diamond Drilling and Exploration Company Limited carried on operations until July 1942. Most of the ore shipped during this period came from open cuts, two "glory holes", and the old dump. In 1941 some 200 feet of underground work was done.

Development work, totalling some 500 feet of drifts, cross-cuts and raises, has been carried out in 5 adits between elevations of 2,600 and 2,750 feet. The upper adits, driven into the footwall of the ore zone, encountered no mineralization.

Vananda Explorations Limited acquired 11 claims, including the Thistle property, in 1965. A self-potential survey was carried out and a diamond drilling program begun. In 1982, Nexus Resource Corporation carried out IP, magnetic and geochemical surveys.

1982 Nexus Resource Corporation

Cork 12/23/90

Associated minerals or products - Gold, silver.
Minéraux ou produits associés

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

From 1938 to 1942, inclusive, 6,926 tons of ore were shipped from this property. From this ore 2,761 ounces of gold, 2,121 ounces of silver, and 681,426 pounds of copper were recovered.

REFERENCES/BIBLIOGRAPHIE

Stevenson, J.S.; Geology and Ore Deposits of the China Creek Area, Vancouver Island, B.C.; Minister of Mines, Annual Report 1944, pp. 154-157.

Annual Reports, Minister of Mines, B.C.: 1899, p. 778; 1901, p. 1097; 1927, p. 340; 1939, p. 88; 1940, p. 73; 1941, p. 71; 1942, p. 66.

Mineral Policy Sector; Corporation Files: "United Prospectors Ltd."; "Vananda Explorations Ltd."

Muller, J.E. and Carson, D.J.T.; Geology and Mineral Deposits of Alberni Map-Area; Geol. Surv. Can. Paper 68-50, 1969.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 49-1963, Alberni Area, B.C., (Geol.), Sc. 1":2 miles.

Map 749 G, (Aeromag.), Sc. 1":4 miles.

Map 92 F/2 E, Alberni Inlet, B.C., (Topo.), Sc. 1:50,000.

Map 17-1968, Alberni, (Geol.), Sc. 1:250,000 - accomp.
GSC Paper 68-50, 1969.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par		JL					
Date Date	12-65	12-82					

BCI 92 F-83