

PRODUCT CHROMIUM
PRODUIT

PROVINCE OR PROVINCE OU
TERRITORY TERRITOIRE

British Columbia

N.T.S. AREA 82 F/4
RÉGION DU S.N.R.C.

REF. CR 1
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

VANDOT, BURLINGTON

OBJECT LOCATED Crown-grant Lot 4359: Lat. 49°03'05" 117°52'30"
OBJET LOCALISÉ Sophia Creek showing: Lat. 49°02'10" Long. 117°52'55"

UNCERTAINTY 300 m
FACTEUR D'INCERTITUDE

Mining Division Division minière	Trail Creek	District District	Kootenay
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

Lenticular masses of serpentinite form part of a linear belt extending 10 km southwest from Rossland. At the Sophia Creek showing three shallow pits expose fine-grained serpentinite with many fractures. Chromite associated with these fractures is fairly abundant in one pit. Two samples of selected material from the pit assayed 3.24 and 12.00% chromium and 0.10 and 0.20% nickel.

Samples from another trench near the northern edge of the same mass of serpentinite (in the vicinity of the Crown-grants ?) assayed 0.23% chromium and 0.17% nickel.

The property is underlain by Jurassic Rossland Formation volcanics and serpentized ultramafics. Minor pyrite and pyrrhotite occur in the vicinity of an old shaft on Ross 2 claim.

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

The area of interest is in the vicinity of Ivanhoe Ridge and Sophia Creek, some 4 miles southwest of Rossland.

From incomplete information it appears that two chromite showings have been prospected, one located on Crown-grants at about 4,400' elevation on Ivanhoe Ridge, and the other, about 1 mile to the south, at about 4,100' elevation on the ridge between the two main forks of Sophia Creek and about 300 metres southeast of the natural gas pipeline.

Crown-grants were obtained on two claims, the Burlington West (Lot 2715) and Burlington (Lot 4359); the latter was Crown-granted to Bob Lamont in 1901.

The reverted Crown-grants were leased and additional claims staked in 1918 by A. Cameron, J.H. MacDonald and associates. Work was apparently confined to trenching and stripping. The Vandot group of 5 recorded claims, reported to be located on the Cascade highway at the first summit west of Rossland, were owned in 1966 by V.M. Van, of Rossland. Old trenches were deepened and sampled.

Noranda Exploration Company Limited held the property in 1984 as the Ross, Ross 2-3, and Cal claims. Work included magnetometer surveys over 15.7 km, induced polarization and electromagnetic surveys over 1.35 km, a geochemical soil survey comprising 177 samples, and trenching.

121529

Associated minerals or products - Nickel.
Minéraux ou produits associés

Reports of Minister of Mines, British Columbia: 1901, p. 1222; 1918, p. 200; 1966, p. 208.

Little, H.W.; Geology of the Rossland-Trail Map-Area, British Columbia: Paper 79-26, p. 26, Geol. Surv. of Canada.

+Fyles, J.T.; Geological Setting of the Rossland Mining Camp; Bulletin No. 74, p. 23, British Columbia Dept. of Mines, 1984.

Exploration in British Columbia; BCDM: 1984, p. 45.

*Sidon International Resources Corp
Prospectus 12/12/85*

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 1504 A, Rossland-Trail, (Geol.), Sc. 1:50,000, accomp. Paper 79-26.

#Geological Map of the Rossland Area, Sc. 0.85 cm:100 m, Fig.2, accomp. Bulletin No. 74.

Surveyed Mineral Claims, Fig. 3, Bulletin No. 74.

Map 82 F/4, Rossland-Trail, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR	DMacR					
Date Date	01-86	12-87					