

PRODUCT COPPER
PRODUIT

PROVINCE OR TERRITORY PROVINCE OU TERRITOIRE

British Columbia

N.T.S. AREA 82 E/2
RÉGION DU S.N.R.C.

REF. CU 3
RÉF.

NAME OF PROPERTY TAM O'SHANTER, IVA LENORE
NOM DE LA PROPRIÉTÉ

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 49°05'10" Long. 118°43'40"
Lat. Long.

Mining Division Greenwood
Division minière

District Similkameen
District

County
Comté

Township or Parish
Canton ou paroisse

Lot
Lot

Concession or Range
Concession ou rang

Sec. Tp. R.
Sect. Ct. R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

Crown Silver Development Ltd.,
821, 789 West Pender St.,
Vancouver, B.C.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The principal rock types are Knob Hill quartzose rocks, which are composed almost wholly of silica but which megascopically have the texture and appearance of recrystallized limestone; Knob Hill greenstones, which are epidotized and serpentinized basalts and andesites in which few of the original minerals are recognizable; and Nelson intrusives, which are grey medium-grained crystalline rocks that in thin-section are seen to be composed chiefly of secondary minerals, including talc, sericite, cordierite, calcite, chlorite, zoisite, and quartz.

The principal mineralization is in the Knob Hill greenstones. In the Nelson intrusive rocks, pyrite is occasionally prominent with or without quartz; chalcopyrite is very sparse. Molybdenite has been found in shattered quartzite.

In the greenstones the mineralization is of two kinds-- disseminated sulphides and quartz stringers containing sulphides. The disseminated sulphides are chalcopyrite, pyrrhotite, and pyrite. The quartz stringers contain molybdenite and sometimes also chalcopyrite. Occasional grains of

p.t.o.

Associated minerals or products - Molybdenum.
Minéraux ou produits associés

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

This property is located on Ingram Ridge, to the south of Buckhorn Creek, about 2 miles southwest of Greenwood. The property consists of 41 recorded claims and 3 mineral leases, including the Iva Lenore and Tam O'Shanter claims.

The Iva Lenore claim (Lot 1262) was staked in about 1896. Development work done at this time consists mainly of a 32 foot deep shaft. The claim was Crown-granted to I.H. Hallett in 1906.

The Tam O'Shanter claim (Lot 2405) was Crown-granted to C.R. Forde & associates in 1903 but apparently little development work was done at this time; the claim was Crown-granted to A.J. Morrison in 1918. Most of the development work, consisting of 208 feet of tunnel in one adit, and a 25 foot raise, was done by owners Morrison & McGillis during 1921 and 1922.

Silver Dome Mines Ltd. acquired the property in about 1963 and began a program of soil sampling, magnetometer surveys, trenching, and diamond drilling. In 1964 Crown Silver Development Ltd. acquired a 50% interest in the property. By June 1965, 12½ miles of geomagnetic survey had been completed which outlined six anomalous areas. Over 13,000 feet of stripping and trenching, and 8,000 feet of diamond drilling has been done.

Free to Public Corp. in 1975

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

502170 *

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

In 1922, 3 tons of ore were reported shipped from the Tam O'Shanter claim, averaging 0.40 oz in gold, 66 oz in silver, and a small quantity of lead.

REFERENCES/BIBLIOGRAPHIE

Annual Reports, Dept. of Mines, B.C.: 1897, p. 587; 1921, pp. 182, 188; 1922, p. 176; 1964, p. 111.

Mineral Policy Sector; Corporation Files: "Silver Dome Mines Ltd."; "Crown Silver Development Ltd."

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 6-1957, Kettle River, B.C., (Geol.), Sc. 1":4 miles.

Mineral Reference Map No. 6 (showing surveyed claims), Grand Forks, Greenwood & Trail Creek, B.C., Sc. 1":1 mile, B.C. Dept. of Lands.

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

Map 82 E, Penticton, B.C., (Topo.), Sc. 1:250,000.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT (continued)

molybdenite look like disseminations, but close examination shows them to be associated with threads of quartz. Native copper occurs in the greenstones. Hematite stringers are found in all of the rock types.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	11-65						