

PRODUCT
PRODUIT

GOLD

PROVINCE OR
TERRITORY

PROVINCE OU
TERRITOIRE

British Columbia

N.T.S. AREA 82 E/5
RÉGION DU S.N.R.C.

REF. Au 6
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ KING (MO) (HILL) (OROFINO MOUNTAIN)

OBJECT LOCATED - King showing
OBJET LOCALISÉ

UNCERTAINTY 300 m
FACTEUR D'INCERTITUDE

Lat. 49°15'45" Long. 119°41'35"
Lat. Long.

Mining Division Osoyoos
Division minière

District
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

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

Triassic quartzites of the Shoemaker Formation form two relatively narrow bands which strike west and north-west across the King claim. The sedimentary rocks appear to be pendants in an intrusive complex that varies from granite through gabbro.

Quartz veins which are for the most part lenticular are mineralized with pyrite and locally a little galena. Free gold is common in small ore-shoots that may in part be due to surface enrichment. Some quite rich pockets have been discovered in veins which were relatively barren elsewhere.

Rhodonite occurs with quartz as an irregular lens in schistone quartzite. The lens is approximately 75 m long and up to 1 m wide (BCDM 1976, p. 207).

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

The property is located at 4 500 feet elevation on the northwest slope of Orofino Mountain, some 25 km south-southwest of Penticton.

The King claim, which is located some 1 500 feet west of the Oro Fino-Independence Crown-grants (82 E/5, Au 4), was in the 1930's part of the 22 located claims belonging to that property. The first reported activity on the King claim was in 1938 when John Wukèlick leased the property from Gold Standard Fairview Mining Company, Limited. Work in 1938 was done in two 30 feet shafts and a drift adit. Sorted ore was shipped in 1938 and 1940.

The King showings were held in 1973 as the Hill 2-5 claims, owned by D.W. Wieweger. That same year Cripple Creek Resources Ltd. carried out a geochemical soil survey (105 samples) on Hill 3 and 5.

The ground was restaked in 1976 as the MO claim (2 units) by Grant Crooker, of Keremeos; trenching was reported, possibly on the rhodonite showing. The MO claim was overstacked as the King claim by Mr. Crooker in 1981. Exploration work in the period 1981-84, carried out by DRC Resources Corporation, included geological mapping, magnetic VLF electromagnetic and geochemical soil surveys.

Grandex Resources Ltd. in May 1986 optioned 100 % interest in the King and King 1-4 claims (74 units) from Mr. Crooker. Work that year included VLF electromagnetic, magnetic, and geochemical soil surveys, and trenching.

121591

Associated minerals or products
Minéraux ou produits associés

Silver, manganese

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

Sorted ore was reported shipped in 1938 and 1940 from the King claim; no production record is known.

REFERENCES/BIBLIOGRAPHIE

Reports of Minister of Mines, British Columbia: 1938, p. D35; 1940, p. A37.

Geology, Exploration and Mining; British Columbia Dept. of Mines: 1973, p. 46.

Exploration in British Columbia; BCDM: 1976, p. 207; 1984, p. 15.

* Christopher, P.A.; Report on the Orofino Mountain Property; 22/08/86, in Grandex Resources Ltd., Prospectus, May 1, 1987.

Cairnes, C.E.; Mineral Deposits of the West Half of Kettle River Area; Paper 37-21, p. 46, Geol. Surv. of Canada.

Hedley, M.S. and Watson, K. DeP.; Lode-Gold Deposits Central Southern British Columbia; Bulletin No. 20, Pt. III, p. 19, British Columbia Dept. of Mines, 1945.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 15-1961, Kettle River, West Half, (Geol.), Sc. 1": 4 miles, Geol. Surv. of Canada.

Map 538A, Kettle River, (Geol.), Sc. 1": 4 miles, Geol. Surv. of Canada, 1940.

#Compilation Map, (Geology, Claims and Workings), accomp. Report by Christopher, 1986.

*Map 82 E/5, Penticton, (Topo.), Sc. 1: 50 000.

REMARKS/REMARQUES

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