

PRODUCT MOLYBDENUM
PRODUIT

PROVINCE OR PROVINCE OU British Columbia
TERRITORY TERRITOIRE

N.T.S. AREA 92 P/9
RÉGION DU S.N.R.C.

REF. MO 3
RÉF.

NAME OF PROPERTY SANDS CREEK
NOM DE LA PROPRIÉTÉ

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 51°40' Long. 120°03'
Lat. Long.

Mining Division Kamloops
Division minière

District Kamloops
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

The oldest rocks on the property are thin-bedded micaceous quartzites and siliceous argillites. They strike northwestward and dip vertically to steeply south. These rocks are intruded by a coarse-grained granodiorite. The granodiorite is intruded by quartz veins, pegmatite dykes and lenses, and granophyre dykes. The quartz veins, ranging in thickness from 2 to 18 inches, strike easterly and dip from vertical to steeply south. The veins pinch and swell and are badly broken by faulting, usually being continuous for less than 10 feet along strike. There is apparently a strong east-west shear zone extending down Sands Creek at the molybdenite showing. Molybdenite, pyrite, and occasionally small amounts of chalcopyrite occur erratically in patches and hairline seams in the quartz veins and pegmatite dykes near the granodiorite-sedimentary contact. At two or three isolated spots in drill cores, some molybdenite was seen disseminated in granodiorite. No extensive nor heavy mineralization was seen in any of the cores.

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

This property is located near the mouth of Sands Creek, a small stream that flows westward into the Clearwater River 2 miles north of the village of Clearwater.

The showings were described briefly by Walker in 1930, however, no mention was made of development work. A limited amount of surface work had been done on the showings when they were examined by Stevenson in June 1938.

Three claims were located on the showings in 1939: the Sands Creek Nos. 1 and 2 claims owned by Gordon and I.A. Bennett, and the Morning Star claim, owned by J.L. Carden. No development work was reported at this time.

The showings and surrounding area were covered by 77 claims located in 1959 and 1960 by Messrs. Wrixon, Fuller, and Pearson. American Pacific Exploration Ltd. acquired the property and in July 1960 formed Sandy Creek Mines Ltd. to carry out the exploration work.

Work during 1960-61 consisted of bulldozer trenching, and 12 short diamond drill holes.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

REFERENCES/BIBLIOGRAPHIE

McCammon, J.W.; Sands Creek; Report of Minister of Mines, British Columbia, 1961, pp. 51-53.

Stevenson, J.S.; Molybdenum Deposits of British Columbia; Bulletin No. 9, p. 33, British Columbia Dept. of Mines, 1940.

Mineral Policy Sector; Corporation File: "American Pacific Exploration Ltd."

Walker, J.F.; Clearwater River and Foghorn Creek Map-Area, Kamloops District, B.C.; Summary Report 1930, Pt. A, p. 153, Geol. Surv. of Canada.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 3-1966, Bonaparte River, B.C., (Geol.), Sc. 1":4 miles.

Map 92 P/9 E, Clearwater, B.C., (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By
Comp./rév. par

DMacR

Date
Date

07-66

BCI 929-20.