

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

PARADISE LAKE

OBJECT LOCATED -Showing
OBJET LOCALISÉ

UNCERTAINTY -300 m
FACTEUR D'INCERTITUDE

Lat.	52°24'20"	Long.	119°05'40"
Lat.		Long.	

Mining Division Division minière	Kamloops	District District	Kamloops
County Comté		Township or Parish Canton ou paroisse	
Lot Lot		Concession or Range Concession ou rang	
Sec Sect.	Tp. Ct.	R. R.	

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

The property is located some 4 km east of the North Thompson River and 200 km north-northeast of Kamloops. The claims are on a 7 000 feet elevation ridge about 1 km south of Paradise Lake.

Prospecting by the O.E. French family resulted in the discovery in 1951 of radioactive carbonate rocks in this vicinity, which were staked as the Paradise group of 4 claims; considered part of the Verity property (see 83 D/6, Cb 1).

St. Eugene Mining Corporation, Limited optioned the property in 1952 and prospecting was done in pits and trenching.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

Carbonatite sill-like bodies occur in quartz-mica and hornblende gneisses of the Proterozoic Horsethief Creek Group. Two types of carbonatite occur. One is calcite (sovite), the other dolomitic (beforsite). They contain variable amounts of olivine, magnetite, apatite, uranium-bearing pyrochlore, zircon, columbite, and biotite or vermiculite. Nepheline, sodalite, and calcareous syenites are exposed on the property. Mafic fenites, 1 to 30 cm thick locally separate the carbonatites and host metasedimentary rocks. The fenites may be either amphibole rich or mainly composed of biotite or vermiculite. Spectrographic analyses of two samples indicated columbium present as less than 0.1 per cent, and radiometric analyses indicated U_{38} equivalent at less than 0.01 per cent.

Associated minerals or products - Uranium
Inébraux ou produits associés

121579

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

REFERENCES/BIBLIOGRAPHIE

Report of Minister of Mines, British Columbia, 1952, p. 115.

Pell, J.; Carbonatites and related rocks in British Columbia; Geological Fieldwork, 1984, pp. 84, 85, 89-93, BC Dept. of Mines.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 15-1967, Canoe River (Geol.), Sc. 1": 4 miles, Geol. Surv. of Canada

#Geology of the area south of Paradise Lake, Sc. 1.1 cm = 100 m, Fig. 24a, Geol. Fieldwork, 1984, p.90.

*Map 83 D/6, Lempriere, (Topo.), Sc.1: 50 000.

REMARKS/REMARQUES

BCI 83 D-6

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	10-87						