

PRODUCT  
PRODUIT

URANIUM

PROVINCE OR  
TERRITORY

PROVINCE OU  
TERRITOIRE

British Columbia

N.T.S. AREA 82 E/10  
RÉGION DU S.N.R.C.

REF. U 1  
RÉF.

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ

FUKI and DONEN

OBJECT LOCATED - Fuki showing.  
OBJET LOCALISÉ

UNCERTAINTY  
FACTEUR D'INCERTITUDE

Lat. 49°32'40"  
Lat.

Long. 118°52'55"  
Long.

Mining Division Greenwood  
Division minière

District  
District

Similkameen

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

Miocene palaeovalley sediments overly a basement of Cretaceous-Early Tertiary Valhalla granitic intrusives and are overlain by Miocene-Pliocene valley basalts of the Plateau Basalt Formation. Secondary uranium minerals occur in the palaeochannel sediments as films on pebbles and in the matrix of unconsolidated or loosely consolidated conglomerate and carbonaceous material.

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

The Fuki showing is located at the head of Deer Creek some 53 km east of Penticton and 5 km west of the Kettle River community of Christian Valley.

The radioactivity was discovered in August 1968 by Messrs. Fukuoka and Kuroki, while cruising roads in the area with a car-borne scintillometer. The Fuki 1-40 and Donen 1-280 claims were staked for Nissho-Iwai Canada Ltd. Exploration of the property was carried out by the Power Reactor and Nuclear Fuel Development Corporation, of Japan. Work in 1969 included geological mapping, a scintillometer survey, and diamond drilling in 3 holes. In 1970 radiometric surveys, trenching, and 3,500 feet of diamond drilling in 18 holes was carried out. Work during 1971 included 3,300 feet of diamond drilling in 17 holes on Fuki 3, 5, and Donen 93. In 1978-79 the drill holes were surveyed and a further 543.8 m of diamond drilling in 11 holes carried out. The British Columbia government on February 27, 1980 announced a seven-year moratorium on uranium mining and exploration in the Province.

Preliminary estimates put the Fuki deposit at greater than half a million tonnes grading 0.025% U (CIM Special Volume 33, p. 319).

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Geology, Exploration and Mining; British Columbia Dept. of Mines: 1969, p. 302; 1970, p. 409; 1971, p. 396.

Exploration in British Columbia; BCDM: 1975, pp. 34-36+; 1978, p. 29; 1979, p. 34.

Uranium Deposits of Canada, CIM Special Volume 33, p. 306, 1986.

Geology in British Columbia; BCDM: 1977-1981, p. 12.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 6-1957, Kettle River, (Geol.), Sc. 1":4 miles, Geol. Surv. of Canada.

Geology of the Fuki, Donen property, Fig. G-19, Geology, Exploration, and Mining, 1975, p. G 34.

Geological setting of the Blizzard basal type uranium deposit and associated uranium occurrences, Sc. 0.8 cm:1 km, Fig. 2, CIM Special Volume 33, p. 311.

Map 8499 G, Christian Valley, (Aeromag.), Sc. 1":1 mile.

Map 82 E/10, Christian Valley, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	12/86						