

PRODUCT

URANIUM

PROVINCE OR
TERRITORY

British Columbia

N.T.S. AREA 82 E/14

REF. U 1

NAME OF PROPERTY

HAYNES LAKE (PB 81-179)

OBJECT LOCATED - showing.

UNCERTAINTY IN METRES 500.

Lat. 49°45'30" Long. 119°08'

Mining Division Greenwood

District Similkameen

County

Township or Parish

Lot

Concession or Range

Sec

Tp.

R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

Mid tertiary plateau basalt, with a thin layer of sandstone and conglomerate at its base, unconformably overlies Coryell intrusions and older rocks. Uraniferous horizons are found in the sandstone, coaly sandstone and conglomerate and locally in vesicular basalt. The plateau basalt formation averages 38 metres thick in drill holes.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located at approximately 3,900 feet elevation on Kallis Creek, east of Hydraulic and Haynes Lakes, 17 miles southeast of Kelowna.

The PB 81-179 is one of three PB groups in this vicinity that are owned by Nissho-Iwai Canada Ltd. Exploration work, carried out by the Power Reactor and Nuclear Fuel Development Corporation, of Japan, in 1973 included geological mapping, a radiometric survey over 13 line-miles, and 1,962 feet of diamond drilling in 8 holes on PB 81-140. Diamond drilling was done in 1974 on PB 141, 164, and 165. During 1975-76 diamond drilling totalled 1,177 metres in 16 holes on PB 95, 102, 108, 109, 115, 116, 118. The claims were surveyed in 1977. Reserve estimates are in excess of 2 million tonnes grading slightly over 0.01% U (CIM Special Volume 33, p. 319).

HISTORY OF PRODUCTION

REFERENCES

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1973, p. 52; 1974, p. 64 + ; 1975, p. E 29 ++ ; 1976, p. E 30; 1977, p. 38.

Uranium Deposits of Canada; CIM Special Volume 33, p. 319, 1986.

Geology in British Columbia; BCDM: 1976, p. 13; 1977-1981, p. 12.

MAP REFERENCES

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

Map 8510 G, Wilkinson Creek, (Aeromag.), Sc. 1":1 mile.

Map 8511 G, Kelowna, (Aeromag.), Sc. 1":1 mile.

#Geological setting of the Tye basal type uranium deposit and associated uranium occurrences, Fig. 3, p. 312, CIM Special Volume 33.

*Map 82 E/14, Kelowna, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	DMacR	DMacR					
Date	6-78	12-86					