



Province of
British Columbia

Ministry of
Energy, Mines and
Petroleum Resources

MINFILE

GEOLOGICAL SURVEY BRANCH

U20

MINFILE

000753

X IDENTIFICATION

MINFILE NO. 082ENW067 NATIONAL MINERAL INVENTORY NO. _____

NAMES
The Stinkhole
Faulder

CLAIMS _____
OWNER _____
OPERATOR _____
STATUS SHOWing PROSpect DEVELOPED PROspect PRODUCer PAST PRODUCer

LOCATION
NTS 082E12E MINING DIVISION 0507
LATITUDE 49° 37' 50" LONGITUDE 119° 44' 20" ELEVATION 780 metres
UTM ZONE _____ NORTHING _____ EASTING _____
LOCATION CERTAINTY WITHIN 500m WITHIN 1km WITHIN 5km

COMMENT ON IDENTITY The Stinkhole, figure 1 (ASS RPT 6575)

4 MINERAL OCCURRENCE

COMMODITIES UR
RESERVES TYPE _____ TONNES _____ GRADES _____
OR BEST ASSAY DATA _____
COMMENTS _____

PRODUCTION YEARS _____ TONNES MINED _____
METALS RECOVERED _____

MINERALOGY ECONOMIC MINERALS UNKN ****
COMMENTS _____
GANGUE MINERALS _____
COMMENTS _____
ALTERATION MINERALS _____
COMMENTS _____

AGE OF MINERALIZATION 100 ISOTOPIC AGE _____
DATING METHOD _____ MATERIAL DATED _____

DEPOSIT TYPE	<input type="checkbox"/> 01 VEIN	<input type="checkbox"/> 09 STRATIFORM	GENETIC TYPE	<input type="checkbox"/> 1 REPLACEMENT	<input type="checkbox"/> 6 EPIGENETIC
	<input checked="" type="checkbox"/> 02 STOCKWORK	<input type="checkbox"/> 10 CONCORDANT		<input type="checkbox"/> 2 MAGMATIC	<input type="checkbox"/> 7 HYDROTHERMAL
	<input type="checkbox"/> 03 PORPHYRY	<input type="checkbox"/> 11 PLACER		<input type="checkbox"/> 3 VOLCANOGENIC	<input type="checkbox"/> 8 RESIDUAL
	<input type="checkbox"/> 04 PIPE	<input type="checkbox"/> 12 PRECIPITATE		<input checked="" type="checkbox"/> 4 SEDIMENTARY	<input type="checkbox"/> 9 UNKNOWN (UNCLASSIFIED)
	<input type="checkbox"/> 05 IGNEOUS	<input type="checkbox"/> 13 DISSEMINATED		<input checked="" type="checkbox"/> 5 SYNGENETIC	
	<input type="checkbox"/> 06 SKARN	<input type="checkbox"/> 14 MASSIVE			
	<input type="checkbox"/> 07 PEGMATITE	<input type="checkbox"/> 15 UNKNOWN			
	<input type="checkbox"/> 08 STRATABOUND	<input checked="" type="checkbox"/> UNCLASSIFIED			

SHAPE OF DEPOSIT 1 REGULAR 2 TABULAR 3 CYLINDRICAL 4 BLADED 5 IRREGULAR
MODIFIER 1 FOLDED 2 FAULTED 3 FRACTURED 4 SHEARED 5 OTHER _____
DIMENSION 500 100 8
ATTITUDE _____ 1 STRIKE/DIP 2 TREND/PLUNGE

COMMENT ON STRUCTURE _____

05 unconsolid

HOST ROCKS

A. DOMINANT ROCK TYPE

SEDIMENTARY

VOLCANIC

METAPLUTONIC

METAMORPHIC

PLUTONIC

METASEDIMENTARY

METAVOLCANIC

B. SUPERGROUP

GROUP

FORMATION

#12

MEMBER

AGE

100

ISOTOPIC AGE

DATING METHOD

MATERIAL DATED

ROCK TYPE

SOIL

ECSM

LITHOLOGY

GLLC

C. IGNEOUS/METAMORPHIC/OTHER

Okavagan batholith. 573

AGE

224

ISOTOPIC AGE

DATING METHOD

MATERIAL DATED

ROCK TYPE

QZD

LITHOLOGY

QRTZ DORT

COMMENT ON HOST ROCK

deposit occurs in postglacial muds.

GEOLOGICAL SETTING

TECTONIC BELT

INSular

OMineca

TERRANE

CPC

Coast Crystalline

EAsfern

InterMontane

PHYSIOGRAPHIC AREA

IHPT

METAMORPHISM: TYPE

CONTACT

RELATIONSHIP

PRE-MINERALIZATION

REGIONAL

SYN-MINERALIZATION

POST-MINERALIZATION

GRADE

Hornfels

BlueSchist

AMphibolite

EClogite

SubBituminous

Zeolite

GreenSchist

Granulite

Llignite

Low Vol. bituminous

Med. Vol. bituminous

Hi Vol. bituminous

SemiAnthracite

ANthracite

COMMENT ON GEOLOGICAL SETTING

Middle Jurassic

CAPSULE GEOLOGY

The area is underlain by granitic rocks of the Okavagan batholith. These vary from diorite to granodiorite, but are typically quartz diorite.

The Stinkhole is a north trending, postglacial, lacustrine-playa closed basin containing muds enriched in uranium. The deposit measures 500 by 100 metres and is up to 3 metres thick. An eight metre auger sample assayed 0.022% uranium and another 2 metre sample assayed 0.058% uranium (Ass RPT 6575).

BIBLIOGRAPHY (place 'best' or most recent source first)

EMPR ASS RPT 6575

EMPR EXPL 1977 - 34^m35

Bates, D.V., J.W. Murray, and V. Randssepp (1980): Royal Commission of Inquiry, Health and Environmental Protection, Uranium Mining; Commissioners' Report October 30, 1980, Volume 1, pp. 35-36; 183-184

CODED BY

LDJ

initials

FIELD CHECKED: YES NO

DATE CODED

1987

yr

03

mo

20

day

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