



Province of
British Columbia

Ministry of
Energy, Mines and
Petroleum Resources

MINFILE

GEOLOGICAL SURVEY BRANCH

021
000756

MINFILE

IDENTIFICATION

MINFILE NO. 082ENW070 NATIONAL MINERAL INVENTORY NO. _____

NAMES
AGUR

CLAIMS
OWNER
OPERATOR
STATUS SHOWing PROSpect DEveloped PROspect U PRODucer U PAst PRODucer

LOCATION
NTS 082E12W MINING DIVISION 050Y
LATITUDE 49° 33' 45" LONGITUDE 119° 47' 30" ELEVATION 910 metres
UTM ZONE _____ NORTHING _____ EASTING _____
LOCATION CERTAINTY WITHIN 500m WITHIN 1km WITHIN 5km

COMMENT ON IDENTITY High uranium assay (ASS RPT 6768)

MINERAL OCCURRENCE

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

PRODUCTION YEARS _____ TONNES MINED _____
METALS RECOVERED _____

MINERALOGY ECONOMIC MINERALS UNKN MLRD
COMMENTS _____
GANGUE MINERALS QRTZ PYRT
COMMENTS _____
ALTERATION MINERALS _____
COMMENTS _____

ALTERATION TYPE _____
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 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 _____
ATTITUDE _____ 1 STRIKE/DIP 2 TREND/PLUNGE
COMMENT ON STRUCTURE _____

X HOST ROCKS

A. DOMINANT ROCK TYPE

- SEDIMENTARY VOLCANIC METAPLUTONIC METAMORPHIC
- PLUTONIC METASEDIMENTARY METAVOLCANIC

B. SUPERGROUP

484

FORMATION

AGE

100

DATING METHOD

ROCK TYPE

SOTZ

GCFA - SOIL

LITHOLOGY

GLLC

C. IGNEOUS/METAMORPHIC/OTHER

Okanagan Batholith 573

AGE

224

DATING METHOD

ROCK TYPE

GRDR

APLT

LITHOLOGY

COMMENT ON HOST ROCK

superficial occurrence

X GEOLOGICAL SETTING

TECTONIC BELT

- INsular OMineca
- Coast Crystalline EAstern
- InterMontane

TERRANE

CPC

PHYSIOGRAPHIC AREA

THPT

METAMORPHISM: TYPE

- CONTACT
- REGIONAL

RELATIONSHIP

- PRE-MINERALIZATION
- SYN-MINERALIZATION
- POST-MINERALIZATION

GRADE

- HornFels BlueSchist AMphibolite EClogite SubBituminous
- ZeoLite GreenSchist GranuLite Lignite Low Vol. bituminous
- Med. Vol. bituminous Hi Vol. bituminous SemiAnthracite ANthracite

COMMENT ON GEOLOGICAL SETTING

X CAPSULE GEOLOGY

The area is underlain by homogeneous equigranular coarse-grained biotite-hornblende granodiorite of the Okanagan Batholith. The granodiorite is cut by 3 to 12 metre wide fine-grained aplite dykes. A postglacial lake soil sample assayed 0.152% uranium (ASS RPT 6768). The uranium is not accompanied by abnormal amounts of thorium and, while the secondary uranium is far from being in equilibrium with its daughter products (19%), the radium levels tend to be above those usually associated with uranium resulting from alkaline water transport of uranium alone. A large discrepancy between radium and lead 214 content suggests the sedimentary uranium is in an adsorbed or superficial form with a high radon escape ratio. About 800 metres to the east, traces of molybdenite occur as fine blebs and streaks in an east-west trending aplite dyke. It is associated with coarse-grained, quartz-rich laminae.

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

EMPR ASS RPT 6768

EMPR EXPL 1978 - 35, 36

Bates, D.V., J.W. Murray, and V. Randsapp (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

LDS

initials

FIELD CHECKED: YES NO

DATE CODED

1987

yr

03

mo

23

day

REVISED BY

initials

FIELD CHECKED: YES NO

DATE CODED

yr

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day