

MEMO

WESTEX EXPLORATION LTD. 8201 Kalview Drive, Vernon, BC V1B 1W8 Canada Tel: (604) 542-7741

To: Dorte Jakobsen
MINFILE
Geoscience Information Section
Geological Survey Branch
5th Floor - 1810 Blanshard Street
Victoria, BC V8V 1X4

From: Jay Page
Date: October 11, 1995

RE: DEMUTH 082ENW072

This occurrence has been down-graded to an anomaly because there has not been any mineralization found at this site, only anomalous stream geochemistry in uranium and it is certainly not a surficial or "young" uranium occurrence.

COPY

RUN DATE: 08/09/95
RUN TIME: 10:02:08

MINFILE / pc
MASTER REPORT
GEOLOGICAL SURVEY BRANCH - MINERAL RESOURCES DIVISION
MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES

PAGE: 77
REPORT: RGEN0100

MINFILE NUMBER: 082ENW072

NATIONAL MINERAL INVENTORY:

NAME (S): DEMUTH

STATUS: Showing
NTS MAP: 082E12W
LATITUDE: 49 41 00
LONGITUDE: 119 59 20
ELEVATION: 1050 Metres
LOCATION ACCURACY: Within 500M
COMMENTS: Anomalous area.

MINING DIVISION: Osoyoos
UTM ZONE: 11
NORTHING: 5507493
EASTING: 284400

COMMODITIES: Uranium

MINERALS

SIGNIFICANT: Unknown
MINERALIZATION AGE: Unknown
ISOTOPIC AGE:

DATING METHOD: Unknown

MATERIAL DATED:

DEPOSIT

CHARACTER: Unconsolidated
CLASSIFICATION: Sedimentary Syngenetic
TYPE: Bog Fe, Mn, U, Cu, Au

HOST ROCK

DOMINANT HOST ROCK: Sedimentary

<u>STRATIGRAPHIC AGE</u>	<u>GROUP</u>	<u>FORMATION</u>	<u>IGNEOUS/METAMORPHIC/OTHER</u>
Cretaceous			Valhalla Complex
Cenozoic			Postglacial Sediments

LITHOLOGY: Soil
Granite
Granodiorite

HOST ROCK COMMENTS: Surficial occurrence.

GEOLOGICAL SETTING

TECTONIC BELT: Intermontane
TERRANE: Plutonic Rocks

PHYSIOGRAPHIC AREA: Thompson Plateau

CAPSULE GEOLOGY

The area is underlain by granite and granodiorite of the Cretaceous Valhalla plutonics and granodiorite, diorite, and quartz-diorite of the Cretaceous Nelson plutonics.
Sampling of surficial soils in a 1000 by 500 metre area gave values up to 0.093 per cent uranium (Assessment Report 7301).

BIBLIOGRAPHY

EMPR ASS RPT *7301, 7964
EMPR EXPL 1979-44-45
GSC MAP 15-1961; 538A
GSC OF 1969

DATE CODED: 870323
DATE REVISED:

CODED BY: LDJ
REVISED BY:

FIELD CHECK: N
FIELD CHECK:

MINFILE NUMBER: 082ENW072

MINFILE

MINFILE NO.: 082ENW072

NAME(S): DEMUTH

STATUS: Showing

MINING DIVISION: Osyoos

N.T.S.: 082E12W

LATITUDE: 49 41 00

UTM ZONE: 11

LONGITUDE: 119 59 20

UTM NORTHING: 5507493

ELEVATION: 1050 Metres

UTM EASTING: 284400

COMMENTS: Anomalous area.

LOCATION ACCURACY: Within 500 M

COMMODITIES: Uranium

SIGNIFICANT MINERALS: Unknown

AGE OF MINERALIZATION: Cenezoic

DEPOSIT CHARACTER: Unconsolidated

DEPOSIT CLASS.: Sedimentary Syngenetic

DOMINANT HOST ROCK: Sedimentary

STRATIGRAPHIC NAME

STRATIGRAPHIC AGE

ISOTOPIIC AGE

DATING METHOD

MATERIAL DATED

INFORMAL: ~~Glacial/Fluvial Gravels~~ 637 ✓

Cenezoic

IGN./META: Valhalla Intrusion

Cretaceous

LITHOLOGY: Soil

Granite

Granodiorite

COMMENTS: Surficial occurrence.

TECTONIC BELT: Intermontane

TERRANE: Plutonic Rocks

PHYSIOGRAPHIC REGION: Thompson Plateau

GEOLOGY: The area is underlain by granite and granodiorite of the Cretaceous Valhalla plutonics and granodiorite, diorite, and quartz-diorite of the Cretaceous Nelson plutonics.

Sampling of surficial soils in a 1000 by 500 metre area gave values up to 0.093 per cent uranium (Assessment Report 7301).

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EMPR EXPL 1979-44-45

DATE CODED: 870323

CODED BY: LDJ

FIELD CHECK: NO

DATE REVISED:

REVISED BY:

FIELD CHECK:

GSC MAP 15-1961; 538A ✓

MINFILE NO.: 082ENW072

RUN DATE: 88/02/13
RUN TIME: 01:09:05

MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES
MINERAL RESOURCES DIVISION - GEOLOGICAL SURVEY BRANCH
MINFILE - REPORT

PAGE: 7

BIBLIOGRAPHY:

EMPR FIELDWORK 1977, pp. 7-11; 1978, pp. 12-14; *1981, pp. 17-22
EMPR ASS RPT *6750, 7362
IAEA, 1985, Vol. STI/PUB/690 - Uranium in Volcanic Rocks, p. 331
EMPR EXPL *1978-35, 36
GAC Field Trip #1, May 7-10, 1983, pp. 34-39
W MINER Vol. 51 #5, May 1978, pp. 33-34

DATE CODED: 870319
DATE REVISED:

CODED BY: LDJ
REVISED BY:
FIELD CHECK: NO
FIELD CHECK:

GSC MAP 15-1961; 538A ✓

MINFILE NO.: 082ENW071

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Province of
British Columbia

Ministry of
Energy, Mines and
Petroleum Resources

MINFILE

026

GEOLOGICAL SURVEY BRANCH

MINFILE

IDENTIFICATION

MINFILE NO. 082ENW072 NATIONAL MINERAL INVENTORY NO. _____

NAMES
Demuth

CLAIMS
OWNER
OPERATOR
STATUS SHOWing PROSpect DEveloped PROspect PRODucer PAsT PRoducer

LOCATION
NTS 082E12W MINING DIVISION 050Y
LATITUDE 49° 41' 00" LONGITUDE 119° 59' 20" ELEVATION 1050 metres
UTM ZONE _____ NORTHING _____ EASTING _____
LOCATION CERTAINTY WITHIN 500m WITHIN 1km WITHIN 5km

COMMENT ON IDENTITY anomalous area

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 ---

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"/> 9 SEDIMENTARY | <input type="checkbox"/> 9 UNKNOWN (UNCLASSIFIED) |
| | <input type="checkbox"/> 05 IGNEOUS | <input type="checkbox"/> 13 DISSEMINATED | | <input checked="" type="checkbox"/> 10 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 | | | |

05 unconsolid

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 _____

✓ HOST ROCKS

A. DOMINANT ROCK TYPE 1 SEDIMENTARY 2 PLUTONIC 3 VOLCANIC 4 METASEDIMENTARY 5 METAPLUTONIC 6 METAVOLCANIC 7 METAMORPHIC

B. SUPERGROUP _____ GROUP _____
FORMATION 412 Glacial/Fluvial MEMBER _____
AGE 100 Gravels ISOTOPIC AGE _____
DATING METHOD _____ MATERIAL DATED _____
ROCK TYPE SOIL
LITHOLOGY _____

C. IGNEOUS/METAMORPHIC/OTHER Valhalla 280
AGE 210 ISOTOPIC AGE _____
DATING METHOD _____ MATERIAL DATED _____
ROCK TYPE GRNT GRDR
LITHOLOGY _____

COMMENT ON HOST ROCK superficial occurrence

✓ GEOLOGICAL SETTING

TECTONIC BELT INsular OMineca EAstern InterMontane TERRANE CPC
 Coast Crystalline

PHYSIOGRAPHIC AREA THPT

METAMORPHISM: TYPE 1 CONTACT RELATIONSHIP 1 PRE-MINERALIZATION 2 SYN-MINERALIZATION 3 POST-MINERALIZATION
 2 REGIONAL
GRADE HornFels BlueSchist AMphibolite EClogite SubBituminous
 ZeoLite GreenSchist GranuLite Llgnite Low Vol. bituminous
 Med. Vol. bituminous Hi Vol. bituminous SemiAnthracite ANthracite

COMMENT ON GEOLOGICAL SETTING _____

✓ CAPSULE GEOLOGY The area is underlain by granite and granodiorite of the Cretaceous Valhalla plutonics and granodiorite, diorite, and quartz-diorite of the Cretaceous Nelson plutonics.

Sampling of superficial soils in a 1000 by 500 meter area gave values up to 0.093% uranium (ASS RPT 7301).

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

EMPR ASS RPT *7301, 7964
EMPR EXPL 1979-44-45,

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 _____ mo _____ day