Ministry of Energy, Mines and Petroleum Resources
GEOLOGICAL SURVEY BRANCH

MINFILE MINFILE

NEW ☒ REVISION ☐ MODIFIED ☐ DELETE ☐

82KNENEW.CAP

001022

IDENTIFICATION

MINFILE NO. 82ENW 050 NAT'L MINERAL INV. NO. ____ CANMINDEX NO. ____

NAME(S) 1. JAMES LAKE
2. ____
3. ____
4. ____

STATUS: ☐ SHOWing ☒ PROSpect ☐ DEveloped PRospect ☐ O ☐ U PRODucer ☐ O ☐ U PAst PRoducer

LOCATION:
NTS MAP: 82E/14W
BC MAP: ____
MINING DIVISION: VERN VERNON
UTM ZONE: ____ NORTHING: ____ EASTING: ____
LATITUDE: 49° 57' 27" LONGITUDE: 119° 15' 14"
ELEVATION: 1387 (metres)
LOCATION CERTAINTY: ☒ 1 within 500 m ☐ 2 within 1 km ☐ 3 within 5 km
Comment on Identity: CENTERED ON MAIN OUTCROP 300 METRES WEST OF JAMES LAKE (W. YORKE-HARDY, 1988)

MINERAL OCCURRENCE

COMMODITIES: WL CU

MINERALOGY:
SIGNIFICANT Minerals: WLST CLCP
Comment: ____
ASSOCIATED Minerals: GARN DPSD PYRT
Comment: ____
ALTERATION Minerals: GARN DPSD WLST
Comment: ____
ALTERATION Type: SKARN

DEPOSIT CHARACTER: 12 09

01 Vein	02 Stockwork	03 Breccia	04 Pipe	05 Unconsolidated
06 Podiform	07 Layered	08 Stratabound	09 Stratiform	10 Concordant
11 Discordant	12 Massive	13 Disseminated	** Unknown	

DEPOSIT CLASSIFICATION: 11

01 Replacement	02 Magmatic	03 Volcanogenic	04 Sedimentary	05 Syngenetic
06 Epigenetic	07 Hydrothermal	08 Residual	09 Porphyry	10 Igneous-contact
11 Skarn	12 Pegmatite	13 Placer	14 Precipitate	15 Exhalative
16 Diatreme	17 Epithermal	18 Mesothermal	19 Fossil Fuel	20 Metamorphic
** Unknown				

AGE OF MINERALIZATION: *** UNKNOWN ISOTOPIC AGE: ____
MATERIAL DATED: ____ DATING METHOD: ____

SHAPE OF DEPOSIT: 1 Regular ☒ 2 Tabular 3 Cylindrical 4 Bladed 5 Irregular
SHAPE MODIFIER: 1 Folded ☒ 2 Faulted 3 Fractured 4 Sheared 5 Other ____
DEPOSIT DIMENSION: 340 X ____ X ____ (metres)

ATTITUDE: STRIKE/DIP ____ TREND/PLUNGE ____
Comment: FLAT LYING BANDED SKARN EXPOSED OVER 340 METRES

DATE CODED: Y 90 M 04 D 04 CODED BY PSF FIELD CHECKED ☒ YES ☐ NO (BY. D. HORA)
Y ____ M ____ D ____ REVISED BY ____ ☐ YES ☐ NO

MINFILE NO.

HB-936

HOST ROCK

DOMINANT HOST ROCK: [1] Sedimentary [2] Plutonic [3] Volcanic [X] Metasedimentary [5] Metaplutonic [6] Metavolcanic [7] Metamorphic

FORMAL HOST:

1. Group: _____ Formation: _____
   Strat-Age: _____ Isotopic Age: _____
   Dating Method: _____ Material Dated: _____
2. Group: _____ Formation: _____
   Strat-Age: _____ Isotopic Age: _____
   Dating Method: _____ Material Dated: _____

INFORMAL HOST:

1. Igneous/Metamorphic/Other: Name: 705 OKANAGAN GNEISS
   Strat-Age: 124 EOCENE Isotopic Age: _____
   Dating Method: _____ Material Dated: _____
2. Igneous/Metamorphic/Other: Name: _____
   Strat-Age: _____ Isotopic Age: _____
   Dating Method: _____ Material Dated: _____

Comment on Host Rock: _____

ROCK TYPE/LITHOLOGY:

MODIFIER CODE(S)			ROCK CODE	ROCK NAME
		CLSC	SKRN	CALC-SILICATE SKARN
			GNSS	GNEISS

GEOLOGICAL SETTING

TECTONIC BELT: [IN] INsular [CC] Coast Crystalline [IM] InterMontane [X] OMineca [EA] EAstern

TERRANE: 1. M METAMORPHIC ASSEMBLAGE 2. _____

PHYSIOGRAPHIC AREA: OKHL OKANAGAN HIGHLAND

METAMORPHISM:

TYPE
- [1] Contact
- [X] Regional

RELATIONSHIP
- [1] Pre-Mineralization
- [2] Syn-Mineralization
- [3] Post-Mineralization

GRADE:
- [ZL] Zeolite
- [GS] Greenschist
- [AM] Amphibolite
- [HF] Hornfels
- [GL] Granulite
- [BS] Blueschist
- [EC] Eclogite
- [AN] Anthracite
- [SA] Semi-Anthracite
- [LV] Low Vol. Bituminous
- [MV] Med. Vol. Bituminous
- [HV] Hi Vol. Bituminous
- [SB] Sub Bituminous
- [LI] Lignite

Geological Setting Comment: _____

CAPSULE GEOLOGY

WORK HISTORY

YEAR FROM	YEAR TO	WORK TYPE	AMOUNT (m/km/ha/No.)	COMMENT (Owner/Operator/Results)
1988		TREN		BY W. D. YORKE - HARDY (OWNER)
"		SOIL		"
"		PROS		"
"		ROCK		"
"		STRI		"

RESERVES

ORE ZONE NAME: _____ YEAR: _____

CATEGORY: [MR] Measured Recoverable [IN] Indicated Ore [UN] Unclassified
[MG] Measured Geological [IF] Inferred Ore [BA] Best Assay

BEST ASSAY SAMPLE TYPE: [CHIP] Chip [GRAB] Grab [CHNL] Channel [BULK] Bulk [DIAD] Drill Core [ROCK] Rock

CALCULATION A: QUANTITY: _____ (tonnes)

Commodity	Grade	Commodity	Grade	Commodity	Grade
	.		.		.
	.		.		.

(Precious metals in grams, others in per cent)

Comment: _____

Reference: _____

CALCULATION B: QUANTITY: _____ (tonnes)

Commodity	Grade	Commodity	Grade	Commodity	Grade
	.		.		.
	.		.		.

(Precious metals in grams, others in per cent)

Comment: _____

Reference: _____

PRODUCTION

YEAR: _____ ORE MINED: _____ (tonnes) ORE MILLED: _____ (tonnes)

Commodity	Quantity	Commodity	Quantity	Commodity	Quantity

(Precious metal quantities in grams others in kilograms)

Comment: _____

Reference: _____

BIBLIOGRAPHY

(place * before significant references)

* EMPR IND MIN FILE (E.D. HORA (1989): FIELD NOTES; W. D. YORKE-HARDY (1988): PROSPECTING REPORT ON JACK JOCK MINERAL CLAIMS)
EMPR OF 1989-5
GSC MAP 1736A, 15-1961
GSC OF 637, 1969

(1) Mastodon 49°01'-118° 0'

(2) Rock Creek 49°06'-119°00'

(3) Jolly Creek 49°8'-119°7'

(4) Bridon + Ray 1-4 49°11'-119°13'

Sillimanite:

(57) Grand Forks 49°3'-118°23'

Magnesium Sulphate:

(19) Spotted Lake 49°4'-119°34'

Talc:

(25) Cawston 49°10'-119°44'

(26) White's Camp 49°1'-118°37.6'

Dolomite:

(24) Grand Forks 49°01.9'- Ramshead 118°22.2'

(28) Dolo 49°01.3'-118°57.9'

Nepheline:

(9) Kruger Mtn 49°13'-119°35.4' Buck

(10) Rock Creek 49°43'-119°4'

(11) Franklin Camp 49°33'-118°23'

Diatomite:

(22) Glenrosa 49°50'-119°[illegible]