001058 MINFILE

MINFILE

NEW ☐ REVISION ☐ MODIFIED ☒

IDENTIFICATION

MINFILE NO. 082ESE047 NAT'L MINERAL INV. NO. 82E2 AU1

CANMINDEX NO.

NAME(S) 1. ATHESRAN (L.1085)
2. JACKPOT (L.3224)
3.
4.

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

LOCATION:

NTS MAP:

BC MAP:

MINING DIVISION:

UTM ZONE: NORTHING: EASTING:

LATITUDE: 49° 3' 54" LONGITUDE: 118° 34' 04"

ELEVATION: (metres)

LOCATION CERTAINTY: ☐ 1 within 500 m ☐ 2 within 1 km ☐ 3 within 5 km

Comment on Identity:

MINERAL OCCURRENCE

COMMODITIES: AU AG CU PB TC

MINERALOGY:

SIGNIFICANT Minerals: TALC

Comment:

ASSOCIATED Minerals:

Comment:

ALTERATION Minerals: TALC CARB

Comment:

ALTERATION Type: SERP.

DEPOSIT CHARACTER

- ☐ 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

- ☐ 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
- ☐ ** Unknown

AGE OF MINERALIZATION: ~~PRE~~ *** 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: X X (metres)

ATTITUDE: STRIKE/DIP TREND/PLUNGE

Comment:

DATE CODED: Y M D CODED BY FIELD CHECKED ☐ YES ☐ NO

Y 1988 M 01 D 12 REVISED BY MM. ☐ YES ☒ NO

MINFILE NO. 082 ESE 047.

HOST ROCK

DOMINANT HOST ROCK: [1] Sedimentary [2] Plutonic [3] Volcanic [4] 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: _____
   Strat-Age: _____ 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

GEOLOGICAL SETTING

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

TERRANE: 1. CPC 2. _____

PHYSIOGRAPHIC AREA: OKHL Okanagan Highland

METAMORPHISM:

TYPE
- [1] Contact
- [2] 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

~~The Athelsran-Jackpot mine contains~~

Talc-carbonate altered serpentinites are found at the Athelsran-Jackpot mine. Talc-carbonate schist is most prominent adjacent to bodies of younger quartz-diorite and quartz feldspar porphyry intrusions. Talc-carbonate rocks are exposed over a maximum width of 170 metres from the top of the hill above the Athelsran adit to at least as far as the Jackpot adit (McNaughton, 1945). The talc-carbonate rocks have a greater carbonate content than those derived from serpentinites elsewhere in the area.

WORK HISTORY

YEAR FROM	TO	WORK TYPE	AMOUNT (m/km/ha/No.)	COMMENT (Owner/Operator/Results)

RESERVES

ORE ZONE NAME: _____ YEAR: _____

CATEGORY:
- [MR] Measured Recoverable
- [MG] Measured Geological
- [IN] Indicated Ore
- [IF] Inferred Ore
- [UN] Unclassified
- [BA] 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
_____	_____ . _____	_____	_____ . _____	_____	_____ . _____
_____	_____ . _____	_____	_____ . _____	_____	_____ . _____

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: _____ ORE MILLED: _____ (tonnes)

Commodity	Quantity	Commodity	Quantity	Commodity	Quantity
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

(Precious metal quantities in grams others in kilograms)

BIBLIOGRAPHY

(place * before significant references)

add to bibliography

EMPR P 86-2
GSC P 45-20

EMPR OF 1988-19