

001976

MINFILE

MINFILE

NEW  REVISION  MODIFIED

IDENTIFICATION

MINFILE NO. 82 E SE 011

NAT'L MINERAL INV. NO. 82 E 2 AG2

CANMINDEX NO. \_\_\_\_\_

NAME(S) 1. SKYLARK  
2. (L1288)  
3. \_\_\_\_\_  
4. \_\_\_\_\_

STATUS:  SHOWing  PROSpect  DEveloped PROspect  U PRODucer  U PAsT PRoducer

LOCATION:

NTS MAP: 082 E / 02 E

BC MAP: 082 E 019

MINING DIVISION: GRWD

UTM ZONE: 11 NORTHING: \_\_\_\_\_ EASTING: \_\_\_\_\_

LATITUDE: 49° 05' 27" LONGITUDE: 118° 37' 10"

ELEVATION: \_\_\_\_\_ (metres)

LOCATION CERTAINTY:  within 500 m  within 1 km  within 5 km

Comment on Identity: \_\_\_\_\_

MINERAL OCCURRENCE

COMMODITIES: Au Ag Pb Zn Cu

MINERALOGY:

SIGNIFICANT Minerals: GLEN SPLR TRDR AAPR STBN RSVR PYRT SLVR CLCP

Comment: \_\_\_\_\_

ASSOCIATED Minerals: QRTZ SERP SRPN

Comment: \_\_\_\_\_

ALTERATION Minerals: QRTZ CARB SRPN CLRT TALK HMTT

Comment: \_\_\_\_\_

ALTERATION Type: SILI CARB SERP OXID

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: \_\_\_\_\_ 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 020 52E TREND/PLUNGE \_\_\_\_\_

Comment: Attitude of Skylark vein

DATE CODED: Y 88 M 03 D 31 CODED BY BF FIELD CHECKED  YES  NO

Y \_\_\_\_\_ M \_\_\_\_\_ D \_\_\_\_\_ REVISED BY \_\_\_\_\_  YES  NO

MINFILE NO. 082 E SE 011

**HOST ROCK** X

DOMINANT HOST ROCK:  1 Sedimentary  3 Volcanic  5 Metaplutonic  7 Metamorphic  
 2 Plutonic  4 Metasedimentary  6 Metavolcanic

FORMAL HOST: 196

1. Group: 629 Atwood Group Formation: \_\_\_\_\_  
Strat-Age: 319 Permo-Penn. Isotopic Age: \_\_\_\_\_  
Dating Method: \_\_\_\_\_ Material Dated: \_\_\_\_\_

2. Group: \_\_\_\_\_ Formation: \_\_\_\_\_  
Strat-Age: \_\_\_\_\_ Isotopic Age: \_\_\_\_\_  
Dating Method: \_\_\_\_\_ Material Dated: \_\_\_\_\_

INFORMAL HOST:

1. Igneous/Metamorphic/Other: Name: 576 Greenwood Stock  
Strat-Age: 221 UPPER JURASSIC Isotopic Age: 150 +/- 5 Ma  
Dating Method: 07 K/Ar Material Dated: MICA-HORNFELS

2. Igneous/Metamorphic/Other: Name: \_\_\_\_\_  
Strat-Age: 221 UPPER Isotopic Age: \_\_\_\_\_  
Dating Method: \_\_\_\_\_ Material Dated: \_\_\_\_\_

Comment on Host Rock: Atwood Group age Permo-Carboniferous

ROCK TYPE/LITHOLOGY:

MODIFIER CODE(S)	ROCK CODE	ROCK NAME
_____	<u>ARGL</u>	<u>argillite</u>
_____	<u>ANDT</u>	<u>andesite</u>
_____	<u>LTIT</u>	<u>latite</u>
_____	<u>GRDR</u>	<u>granodiorite</u>
_____	<u>QZVN</u>	<u>quartz vein</u>
_____	<u>DIKE</u>	<u>andesite dyke</u>
_____	<u>CHRT</u>	<u>chert</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

**GEOLOGICAL SETTING**

TECTONIC BELT:  IN Insular  CC Coast Crystalline  IM InterMontane  OM OMineca  EA EAstern

TERRANE: 1. QN Queensella 2. \_\_\_\_\_

PHYSIOGRAPHIC AREA: OKHL Okanogan Highland

METAMORPHISM: TYPE RELATIONSHIP

<input type="checkbox"/> 1 Contact	<input type="checkbox"/> 1 Pre-Mineralization
<input checked="" type="checkbox"/> 2 Regional	<input type="checkbox"/> 2 Syn-Mineralization
	<input type="checkbox"/> 3 Post-Mineralization

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

Geological Setting Comment: \_\_\_\_\_

NELSON

FAME REPORT (E52)

15731



Department of Energy, Mines and Technical Surveys

Department of Energy, Mines and Technical Surveys

TYPE OF REPORT SURVEY IS

DRILLING; PHYSICAL

194,060.41

BY: R.G. Krause

SIGNATURE

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED Dec. 24/86

1986

PROPERTY NAME IS

Skylark

COMMODITIES PRESENT

Ag, Au

SECTIONAL DIVISION NUMBER IS

82E/SE - 011

SECTIONAL DIVISION

Greenwood

LATITUDE

49° 5' 27"

LONGITUDE

118° 37' 16"

82E/2E

NAME AND NUMBERS OF SECTIONAL DIVISIONS IN WHICH PROPERTY IS LOCATED

Lot 1288

OWNER IS

Skylark Resources Ltd.

MAILING ADDRESS

DATE AND BY WHOM REVISION MADE

as above

MAILING ADDRESS

SUMMARY GEOLOGY (including age, structure, site of mineralization, etc. and all else)

The property is underlain by Attwood Group metavolcanics, argillites, sandstones and conglomerate and the Greenwood stock granodiorite. Mineralization occurs in all rock types and consists of quartz-carbonate veins with varying amounts of galena, sphalerite, tetrahedrite, arsenopyrite, stibnite, ruby silver and pyrite.

REFERENCES TO PREVIOUS WORK



GEOLOGICAL (scale, area)

Ground .....  
 Photo .....

GEOPHYSICAL (line kilometres)

Ground  
 Magnetic .....  
 Electromagnetic .....  
 Induced Polarization .....  
 Radiometric .....  
 Seismic .....  
 Other .....  
 Airborne .....

GEOCHEMICAL (number of samples analysed for ...)

Soil .....  
 Silt .....  
 Rock .....  
 Other .....

DRILLING (total metres, number of holes, size)

Core DIAD 1961.9 m; 17 holes; BQ  
 Non-core ROTD 1126.2 m; 10 holes

Lot 1288

RELATED TECHNICAL

Sampling/assaying SAMP 1350; Au, Ag, Cu, Pb, Zn, As  
 Petrographic .....  
 Mineralogic .....  
 Metallurgic .....

PROSPECTING (scale, area)

PREPARATORY/PHYSICAL

Legal surveys (scale, area) .....  
 Topographic (scale, area) .....  
 Photogrammetric (scale, area) .....  
 Line/grid (kilometres) .....  
 Road, local access (kilometres) .....  
 Trench (metres) .....  
 Underground lines UNDV 518.7 m

TOTAL COST 194,060.41

FOR MINISTRY USE ONLY

Value work done (from report) 194,060.41  
 Value of work approved .....  
 Value claimed (from statement) .....  
 Value credited to PAC account .....  
 Value debited to PAC account .....  
 Accepted Date March 2/88

NAME OF PAC ACCOUNT

Rept. No. 15731

DEBIT

CREDIT

REMARKS

Revised by

(2)





**RESERVES**

ORE ZONE NAME: H Zone

YEAR: 1986

CATEGORY:  MR Measured Recoverable  IF Inferred Ore  
 MG Measured Geological  UN Unclassified  
 IN Indicated Ore  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
<u>Au</u>	<u>12.79 g/tonne</u>				
<u>Ag</u>	<u>1047.25 g/tonne</u>				

Comment: A 1.5 metre section.  
 Reference: EMPR ASS<sup>SEM</sup> RPT 15731

CALCULATION B: QUANTITY: 77,095 (tonnes)

Commodity	Grade	Commodity	Grade	Commodity	Grade
<del>#0</del>	<del>2.74 g/tonne</del>	<u>Au</u>	<u>2.74 g/tonne</u>		
<u>Ag</u>	<u>685.6 g/tonne</u>				

(Precious metals in grams, others in per cent)  
 Comment: Inferred Ore  
 Reference: EMPR ASS<sup>SEM</sup> RPT 15731

*in*  
Comments

**PRODUCTION**

YEAR: \_\_\_\_\_ ORE MINED: \_\_\_\_\_ ORE MILLED: \_\_\_\_\_ (tonnes)

Commodity	Quantity	Commodity	Quantity	Commodity	Quantity
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(Precious metal quantities in grams others in kilograms)

**BIBLIOGRAPHY**

(place \* before significant references)

542, 1819, 5781, 5925

EMPR ASS RPT 8396, 11757, \*15731

EMPR OF (MCDUGALL, 1926)

EMPR AR 1893-1077, 1894-755, 1895-702,  
1896-577, 591, 1898-1196, 1902-180,  
1903-167, 1904-212, 1905-180, 183,  
1906-158, 250, 1907-109, 215,  
1915-201, 446, 1919-174, 1920-156,  
1934-425, 657, 1936-1057, 1940-24,  
1964-171

EMPR GEM 1969-306, 1974-33  
1976-E20

GSC A45-20

GSC MAP 6-1957, 45-20A, 828 #230

GCNL #144, #153, ~~#174~~ #200, #206, 1984

GCNL

N MINER NOV. 1, 1984