



Province of British Columbia

Ministry of Energy, Mines and Petroleum Resources

MINFILE

MINFILE

000752

IDENTIFICATION

MINFILE NO. 082ENW 066 NATIONAL MINERAL INVENTORY NO. _____

NAMES SWAN

CLAIMS -----

OWNER -----

OPERATOR -----

STATUS SHOWing PROSpect DeveloPed Prospect PRODucer PAsT PRoducer

LOCATION

NTS 082E 12W MINING DIVISION 050Y
LATITUDE 49° 43' 00" LONGITUDE 119° 54' 00" ELEVATION 1311 metres
UTM ZONE _____ NORTHING _____ EASTING _____
LOCATION CERTAINTY WITHIN 500m WITHIN 1km WITHIN 5km

COMMENT ON IDENTITY _____

MINERAL OCCURRENCE

COMMODITIES SI _____ listed according to economic importance

RESERVES TYPE _____ TONNES _____ GRADES _____
OR BEST ASSAY DATA _____
COMMENTS _____

PRODUCTION YEARS _____ TONNES MINED _____

METALS RECOVERED _____

MINERALOGY ECONOMIC MINERALS SILC _____

COMMENTS _____

GANGUE MINERALS _____

COMMENTS _____

ALTERATION MINERALS _____

COMMENTS _____

ALTERATION TYPE _____

AGE OF MINERALIZATION _____

ISOTOPIC AGE _____

DATING METHOD _____

MATERIAL DATED _____

- | | |
|--|--|
| <input type="checkbox"/> 01 VEIN | <input type="checkbox"/> 09 STRATIFORM |
| <input type="checkbox"/> 02 STOCKWORK | <input type="checkbox"/> 10 CONCORDANT |
| <input type="checkbox"/> 03 PORPHYRY | <input type="checkbox"/> 11 PLACER |
| <input type="checkbox"/> 04 PIPE | <input type="checkbox"/> 12 PRECIPITATE |
| <input type="checkbox"/> 05 IGNEOUS | <input type="checkbox"/> 13 DISSEMINATED |
| <input type="checkbox"/> 06 SKARN | <input type="checkbox"/> 14 MASSIVE |
| <input checked="" type="checkbox"/> 07 PEGMATITE | <input type="checkbox"/> 15 UNKNOWN |
| <input type="checkbox"/> 08 STRATABOUND | <input type="checkbox"/> 16 UNCLASSIFIED |

- | | |
|---|--|
| <input type="checkbox"/> 1 REPLACEMENT | <input type="checkbox"/> 6 EPIGENETIC |
| <input type="checkbox"/> 2 MAGMATIC | <input checked="" type="checkbox"/> 7 HYDROTHERMAL |
| <input type="checkbox"/> 3 VOLCANOGENIC | <input type="checkbox"/> 8 RESIDUAL |
| <input type="checkbox"/> 4 SEDIMENTARY | <input type="checkbox"/> 9 UNKNOWN (UNCLASSIFIED) |
| <input type="checkbox"/> 5 SYNGENETIC | |

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 3 VOLCANIC 5 METAPLUTONIC 7 METAMORPHIC
 2 PLUTONIC 4 METASEDIMENTARY 6 METAVOLCANIC

B. SUPERGROUP _____ GROUP _____
 FORMATION _____ MEMBER _____
 AGE _____ ISOTOPIC AGE _____
 DATING METHOD _____ MATERIAL DATED _____
 ROCK TYPE _____
 LITHOLOGY _____

C. IGNEOUS/METAMORPHIC/OTHER UNKNOWN
 AGE 999 ISOTOPIC AGE _____
 DATING METHOD _____ MATERIAL DATED _____
 ROCK TYPE ~~QZMZ~~ PGMT QZMZ
 LITHOLOGY _____

COMMENT ON HOST ROCK _____

GEOLOGICAL SETTING

TECTONIC BELT INsular OMineca TERRANE Quesnellia GN
 Coast Crystalline EAstern
 InterMontane

PHYSIOGRAPHIC AREA THPT Thompson Plateau

METAMORPHISM: TYPE 1 CONTACT RELATIONSHIP 1 PRE-MINERALIZATION
 2 REGIONAL 2 SYN-MINERALIZATION
 3 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 _____

CAPSULE GEOLOGY

A quartz-pegmatite body is hosted by an altered, coarse-grained, intergranular quartz monzonite. It is exposed in scattered outcrops, road cuts and trenches over an area of approximately 60 by 120 metres. Masses of the intrusive rock are sometimes present within the quartzose mass. In exposed areas pure quartz constitutes approximately 25 per cent of the pegmatite body. Approximately 10 per cent is contaminated by muscovite, 55 per cent is intergrown with feldspar and 10 per cent is composed of massive feldspar. A chip sample collected by the Geological Survey Branch returned 99.54 per cent silica.

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

EMPR FIELDWORK 1982, p.197
Mitchell, J.A. (1972): Report on Swan Group of Claims, Lease of Okanagan Silica Ltd., EMPR IND MIN FILE
White, G. (1976): Memorandum on Swan Claims, EMPR IND MIN FILE

CODED BY GRF Initials FIELD CHECKED: YES NO DATE CODED 1987 yr 04 mo 16 day
 REVISED BY _____ Initials FIELD CHECKED: YES NO DATE CODED _____ yr _____ mo _____ day