



Province of
British Columbia

Red mtn.
886982

MEMORANDUM

TO: Dorthe Jakobson
BCGS - 541 Superint.
Victoria

FROM: Tom Schroeter
BCGS
Vancouver

SUBJECT: Red Mtn. / Willoughby Prospects

DATE: Dec. 28/89 FILE: Red Mtn. (B6)

- | | | | | |
|--|---|---|---|---|
| <input checked="" type="checkbox"/> For Your Information | <input type="checkbox"/> Please O.K. and Return | <input type="checkbox"/> Please Discuss With Me | <input type="checkbox"/> Per Your Request | <input type="checkbox"/> For Your Signature |
| <input type="checkbox"/> Please Process | <input type="checkbox"/> Return With More Details | <input type="checkbox"/> Investigate and Report | <input type="checkbox"/> Please Answer | <input type="checkbox"/> For Your File |

Fold Here for Window Envelope

Fold Here for Window Envelope

I'm returning the sheets for the above noted prospects, as requested. Because of the sensitive nature of these projects I feel it's best to report only what is publically available at this time. However, knowing that new assessment reports have been filed, and assuming more information will be forthcoming from the company, I suggest that a 'red flag' be attached to the files to assure

REPLY:

updating by next Fall. I plan on visiting the sites next summer and would be happy to supply information. In the meantime, you can proceed, incl. older assessment report for Red Mtn. Mo₂ project.
Attachment. Cheers, Tom

LOG NO: DEC 01 1989	VAN 2
ACTION:	
JBS → Janice, pls. make copies + return original to the	
FILE NO:	XXXXXXXX Red Mt.

Nov. 29/89

Dear Tom;

Here are the preliminary coding cards on the Red Mountain and Willoughby (Gossan) prospects. There really isn't enough information to enter them into the system as yet, if you could supply some that would be great. Please edit, correct or add anything right on the sheets that I sent and return them to me when the information is no longer confidential. Thanks for your help.





NEW REVISION MODIFIED DELETE

See Dec. '89
Assessment
Report

IDENTIFICATION

MINFILE NO. 103P ~~258~~ ⁰⁰⁶ ← Note

NAT'L MINERAL INV. NO. _____
CANINDEX NO. _____

NAME(S) 1. Willoughby Gossan
2. _____
3. _____
4. _____

STATUS: SHOWing PROSpect Developed PROspect PRODucer PAsT PRoducer

LOCATION:
NTS MAP: 103P 13E
BC MAP: _____
MINING DIVISION: Skeena
UTM ZONE: 9 NORTHING: 620000 EASTING: 462000
LATITUDE: _____ LONGITUDE: _____
ELEVATION: 1524 (metres) N 129° 31'
W 65° 57'
LOCATION CERTAINTY: 1 within 500 m 2 within 1 km 3 within 5 km
Comment on Identity: located approx. 21 kilometres east of Stewart

MINERAL OCCURRENCE

COMMODITIES: Au Ag
MINERALOGY:
SIGNIFICANT Minerals: ***
Comment: unknown at present
ASSOCIATED Minerals: _____
Comment: _____
ALTERATION Minerals: _____
Comment: _____
ALTERATION Type: 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 14 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 20 Metamorphic
 21 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: _____ X _____ X _____ (metres)
ATTITUDE: STRIKE/DIP _____ TREND/PLUNGE _____
Comment: _____

DATE CODED: Y 89 M 11 D 28 CODED BY DEJ FIELD CHECKED YES NO
Y _____ M _____ D _____ REVISED BY _____ YES NO

MINFILE NO.

HOST ROCK

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

FORMAL HOST:

1. Group: 289 Hazellton Formation: 595 Salman River
 Strat-Age: 224 Mid R 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
_____	<u>SLSN</u>	<u>Siltstone</u>
_____	<u>ARGL</u>	<u>Argillite</u>
_____	<u>GRWK</u>	<u>Greywacke</u>
_____	<u>SNSD</u>	<u>Sandstone</u>
_____	<u>CLM</u>	<u>Conglomerate</u>
_____	<u>LMSN</u>	<u>Limestone</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

GEOLOGICAL SETTING

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

TERRANE: 1. JBL 2. ST

PHYSIOGRAPHIC AREA: ENRG Bandary Ranges

METAMORPHISM: TYPE: 1 Contact 2 Regional
 RELATIONSHIP: 1 Pre-Mineralization 2 Syn-Mineralization 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: _____



MINFILE

NEW REVISION MODIFIED DELETE

IDENTIFICATION

MINFILE NO. 103P 253

NAT'L MINERAL INV. NO. _____

CANMINDEX NO. _____

NAME(S) 1. Red Mountain
2. Marc
3. Brad
4. ~~_____~~
Previous name(s)?

STATUS: SHOWING PROSpect Developed Prospect PRODucer PAst PRoducer

LOCATION:

NTS MAP: 103P 13E

BC MAP: _____

MINING DIVISION: Skeena

UTM ZONE: 9 NORTHING: 6199750 EASTING: 455630

LATITUDE: _____ LONGITUDE: _____

ELEVATION: 1295 (metres)

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

Comment on Identity: located on south flank of Red Mountain, 15 kilometres east of Stewart

MINERAL OCCURRENCE

COMMODITIES: Ag Ag

MINERALOGY:

SIGNIFICANT Minerals: Gold

Comment: _____

ASSOCIATED Minerals: _____

Comment: _____

ALTERATION Minerals: _____

Comment: _____

ALTERATION Type: _____

DEPOSIT CHARACTER:

- | | | | | |
|-------------------------------------|------------------------------------|---------------------------------------|---|---|
| <input type="checkbox"/> Vein | <input type="checkbox"/> Stockwork | <input type="checkbox"/> Breccia | <input type="checkbox"/> Pipe | <input type="checkbox"/> Unconsolidated |
| <input type="checkbox"/> Podiform | <input type="checkbox"/> Layered | <input type="checkbox"/> Stratabound | <input type="checkbox"/> Stratiform | <input type="checkbox"/> Concordant |
| <input type="checkbox"/> Discordant | <input type="checkbox"/> Massive | <input type="checkbox"/> Disseminated | <input checked="" type="checkbox"/> Unknown | |

DEPOSIT CLASSIFICATION:

- | | | | | |
|---|---------------------------------------|---------------------------------------|--------------------------------------|--|
| <input checked="" type="checkbox"/> Replacement | <input type="checkbox"/> Magmatic | <input type="checkbox"/> Volcanogenic | <input type="checkbox"/> Sedimentary | <input type="checkbox"/> Syngenetic |
| <input type="checkbox"/> Epigenetic | <input type="checkbox"/> Hydrothermal | <input type="checkbox"/> Residual | <input type="checkbox"/> Porphyry | <input type="checkbox"/> Igneous-contact |
| <input type="checkbox"/> Skarn | <input type="checkbox"/> Pegmatite | <input type="checkbox"/> Placer | <input type="checkbox"/> Precipitate | <input type="checkbox"/> Exhalative |
| <input type="checkbox"/> Diatreme | <input type="checkbox"/> Epithermal | <input type="checkbox"/> Mesothermal | <input type="checkbox"/> Fossil Fuel | <input type="checkbox"/> Metamorphic |
| <input checked="" type="checkbox"/> Unknown | | | | |

AGE OF MINERALIZATION: unknown ISOTOPIC AGE: _____

MATERIAL DATED: _____ DATING METHOD: _____

SHAPE OF DEPOSIT: Regular Tabular Cylindrical Bladed Irregular

SHAPE MODIFIER: Folded Faulted Fractured Sheared Other _____

DEPOSIT DIMENSION: 500 X _____ X _____ (metres)

ATTITUDE: STRIKE/DIP _____ TREND/PLUNGE _____

Comment: Marc zone traced on surface for 500 meters strike length

DATE CODED: Y 89 M 11 D 28 CODED BY DEJ FIELD CHECKED YES NO

Y _____ M _____ D _____ REVISED BY _____ YES NO

MINFILE NO.

103P 253 in '90

HOST ROCK

DOMINANT HOST ROCK:

- 1 Sedimentary
 3 Volcanic
 5 Metaplutonic
 7 Metamorphic
 2 Plutonic
 4 Metasedimentary
 6 Metavolcanic

FORMAL HOST:

1. Group: 289 Hazelton Formation: 514 Yukon River
 Strat-Age: 227 LR Isotopic Age: _____
 Dating Method: _____ Material Dated: _____
 2. Group: _____ Formation: _____
 Strat-Age: _____ Isotopic Age: _____
 Dating Method: _____ Material Dated: _____

INFORMAL HOST:

1. Igneous/Metamorphic/Other: Name: ~~***~~ Unknown
 Strat-Age: 224 Mid R (younger?) Isotopic Age: _____
 Dating Method: _____ Material Dated: _____
 2. Igneous/Metamorphic/Other: Name: _____
 Strat-Age: _____ Isotopic Age: _____
 Dating Method: _____ Material Dated: _____

Comment on Host Rock:

Stack is possibly younger than Middle Silurassic in age.

ROCK TYPE/LITHOLOGY:

MODIFIER CODE(S)	ROCK CODE	ROCK-NAME
<u>XTAL</u>	<u>TUFF</u>	<u>Crystal TUFF</u>
<u>LTHC</u>	<u>TUFF</u>	<u>Lithic TUFF</u>
<u>SYNO</u>	SYNO	<u>Syenodiorite</u>
XXXX	XXXX	XXXXXXXXXXXXXXXXXXXX
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

GEOLOGICAL SETTING

TECTONIC BELT: IN Insular CC Coast Crystalline IM IntraMontane OM OMineca EA Eastern

TERRANE: 1. JBL 2. ST

PHYSIOGRAPHIC AREA: PURG Boundary Ranges

METAMORPHISM:
 TYPE: 1 Contact 2 Regional
 RELATIONSHIP: 1 Pre-Mineralization 2 Syn-Mineralization 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: _____

