



Province of British Columbia Ministry of Energy, Mines and Petroleum Resources

Submitter TJM SCHROETER
Number of samples 1
Special instructions X-RAY
Project BENVETT
Air photo _____

Date submitted Jan. 2/86
Date required ASAP

Date started Jan 7/86
Date reported Jan 7/86

Area BEN MY CHREE Priority _____ Chief Analyst _____
Card 1 of 1 **PRINT CLEARLY** (use dark pen or pencil)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
NTS														FLD NOZNUTM E UTM N														RXTYAG ⁵ SPROPERTY												COMMENTS																																							
10+M/S/D/C/83-1														39°21' 134°29'														VEIN 5012 BEN-MY-CHREE																																																			
LAB	NOO	XIDE	SPEC	XRD	MIN	PR	PA	u	Ag	Cu	Pb	Zn	Co	Ni	Mo	Cr	Hg	As	Sb	Ba	Sr																																																										
31281	C	P	SQ	Q	SEP																																																																										
														PLEASE RETURN SAMPLE!														X-RAY. circled metallic (Ag-rich!) 1147 ppm																																																			
LAB	NOO	XIDE	SPEC	XRD	MIN	PR	PA	u	Ag	Cu	Pb	Zn	Co	Ni	Mo	Cr	Hg	As	Sb	Ba	Sr																																																										
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	C	P	SQ	Q	SEP																																																																										

1

2

3

5

6

1

2

3

4

5

6

SPECTROGRAPHIC REPORT

1 Si ___ Al ___ Mg ___ Ca ___ Fe ___ Pb ___ Cu ___ Zn ___ Mn ___ Ag ___ V ___ Ti ___ Ni ___ Co ___ Na ___ K ___ W ___	2 Si ___ Al ___ Mg ___ Ca ___ Fe ___ Pb ___ Cu ___ Zn ___ Mn ___ Ag ___ V ___ Ti ___ Ni ___ Co ___ Na ___ K ___ W ___	3 Si ___ Al ___ Mg ___ Ca ___ Pb ___ Cu ___ Zn ___ Mn ___ Ag ___ V ___ Ti ___ Co ___ Na ___ K ___ W ___	4 Si ___ Al ___ Mg ___ Ca ___ Fe ___ Pb ___ Cu ___ Zn ___ Mn ___ Ag ___ V ___ Ti ___ Ni ___ Co ___ Na ___ K ___ W ___	5 Si ___ Al ___ Mg ___ Ca ___ Fe ___ Pb ___ Cu ___ Zn ___ Mn ___ Ag ___ V ___ Ti ___ Ni ___ Co ___ Na ___ K ___ W ___	6 Si ___ Al ___ Mg ___ Ca ___ Pb ___ Cu ___ Zn ___ Mn ___ Ag ___ V ___ Ti ___ Co ___ Na ___ K ___ W ___
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X-RAY DIFFRACTION REPORT AND COMMENTS

281 BMC-85-1 The circled metallic mineral is GALENA. Most of the grains have been slightly altered to ANGLESITE (PbSO₄).

The specimen is hereby returned as requested.

KEY

COLUMNS 28-31

UMFC ultramafic	GRNS greenstone
ANDS andesite	MNZN monzonite
BSLT basalt	OBSD obsidian
CRBN carbonatite	PNLT phonolite
DCIT dacite	QZPP quartz porphyry
DORT diorite	RYLT rhyolite
GBBR gabbro	SRPN serpentinite
GRNT granite	SNKN shonkinite
GRDR granodiorite	SYNT syenite

TRCT trachyte
TUFF tuff
AMPB amphibolite
CLCC calc-silicate
GNSS gneiss
MRBL marble
PLLT phyllite
SCST schist
HRFL hornfels

SKRN skarn
GOUG gouge
ARGL argillite
CHRT chert
COAL coal
DLMT dolomite
LMSN limestone
MARL marl
QRTZ quartzite

SNDS sandstone
SHLE shale
SLSN siltstone
MRLZ mineralization
MVSP massive sulphide
DISS disseminated
SCKK stockwork
VEIN vein
ALRZ alteration

COLUMNS 32-33

04 Proterozoic	12 Cambrian	21 Mississippian	34 Jurassic
05 Helikian	14 Ordovician	22 Pennsylvanian	36 Cretaceous
06 Hadrynian	16 Silurian	24 Permian	40 Cenozoic
10 Paleozoic	18 Devonian	30 Mesozoic	42 Tertiary
11 Prot.-Paleozoic	20 Carboniferous	32 Triassic	44 Quaternary
			50 Unknown

COLUMNS 36-43

Mineral Inventory Number or property name

COLUMNS 44-80

Comments

COLUMN 34

SAMPLE TYPE
1 Single grab sample
2 Channel/chip
3 Composite sample
4 Drill core
5 Talus or transported
6 Soil
7 Silt
8 Other

COLUMN 35

% SULPHIDE
0 <0.5
1 0.5-1
2 1-10
3 10-50
4 >50

ANALYTICAL METHOD

AA	ATOMIC ABSORPTION
AH	HYDRIDE GENERATION
FA	FIRE ASSAY
ES	EMISSION SPEC
XR	X-RAY FLUORESCENCE
WC	WET CHEMICAL
CL	COLORIMETRIC
CV	COLD VAPOUR

SAMPLE PREPARATION

W	TUNGSTEN CARBIDE
C	CERAMIC
S	STEEL