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

885815

ANALYTICAL SERVICES REQUEST

Submitter TOM SCHROETER
Number of samples 6
Special instructions ASSAY
Project MT HENRY CLAY
Air photo

Date submitted Sept. 9/85
Date required Oct. 15/85

Area Mt. HENRY CLAY
Card 1 of 1

Priority

Date started Sept 19/85
Date reported 14 JAN. 1986 - Ba to follow
17 APR. 1986 - Ba

Chief Analyst Wm Johnson

PRINT CLEARLY (use dark pen or pencil)

	NTS	FLD NO	ZN	UTM E	UTM N	RXTYAGSTSPROPERTY COMMENTS
1	114P/7E	HC-85-2	59° 24'	131° 26'	MRLZ50	14 MT. HENRY CLAY - Stryker BOULDERADO
2	114P/7E	HC-85-3	59° 24'	131° 26'	MRLZ50	14 MT HENRY CLAY - Stryker BOULDERADO
3	114P/7E	HC-85-4	59° 24'	131° 26'	MRLZ50	14 MT HENRY CLAY
4	114P/7E	HC-85-5	59° 24'	131° 26'	MRLZ50	14 MT HENRY CLAY
5	114P/7E	HC-85-6	59° 24'	131° 26'	MRLZ50	14 MT HENRY CLAY
6	114P/7E	HC-85-9	59° 24'	131° 26'	MRLZ50	12 MT HENRY CLAY

	LAB NO	OX	IDE	SPEC	XRD	MIN	PRP	Au	Ag	Cu	Pb	Zn	Co	Ni	Mo	Cr	Hg	As	Sb	Ba	Sr
1	30940	C	P	SQ	Q		SEP	1	44	1.43	0.23	4.95	4	5				257	435	28.0%	
2	30941	C	P	SQ	Q		SEP	1.7	50	0.60	0.39	9.00	5	18				508	335	35.3%	
3	30942	C	P	SQ	Q		SEP	1.7	51	2.35	0.32	4.35	3	6				365	322	32.8%	
4	30943	C	P	SQ	Q		SEP	0.3	36	1.02	0.30	6.45	3	35				419	159	36.0%	
5	30944	C	P	SQ	Q		SEP	2.7	186	1.37	0.06	27.50	3	3				117	143	52.6%	
6	30945	C	P	SQ	Q		SEP	<0.3	<1	00.05	80.00	30.07	2	34	27			188	18	2.6%	

SPECTROGRAPHIC REPORT

1
Si >10 Al <1.0 Mg <0.1 Ca <0.1 Fe 3.0
Pb 0.2 Cu 1.0 Zn 6.0 Mn T Ag T ↑ V — Ti T Ni —
Co — Na <0.3 K <0.3 W —, Sb 0.05, Cd 0.03, Sr >0.5
TRACE:- As, Mo, Cr ↓, Au Ba >1.0

2
Si <1.0 Al <1.0 Mg <0.1 Ca <0.1 Fe 0.8
Pb 0.06 Cu 0.08 Zn 2.0 Mn T Ag T V — Ti T Ni —
Co — Na <0.3 K <0.3 W —, Cd 0.01, Sr 0.2, Ba >1.0
TRACE:- Sb, As,

3
Fe 4.5
Si >10 Al <1.0 Mg <0.1 Ca <0.1
Pb 0.1 Cu 2.2 Zn 4.5 Mn T Ag T ↑ V — Ti 0.01 Ni T
Co — Na <0.3 K <0.3 W —, Sb 0.03, Cd 0.02, Sr >1.0 Ba >1.0
TRACE:- Mo, Cr ↓, Au

4
Si <1.0 Al <1.0 Mg <0.1 Ca <0.1 Fe 9.0
Pb 0.15 Cu 0.75 Zn 3.5 Mn T Ag T ↑ V — Ti T Ni T
Co — Na <0.3 K <0.3 W —, Sb 0.02, Cd 0.01, Sr 0.3
TRACE:- Mo, Ba >1.0

5
Si — Al — Mg — Ca — Fe —
Pb — Cu — Zn — Mn — Ag — V — Ti — Ni —
Co — Na — K — W —

6
Fe 8.0
Si >10 Al 7.5 Mg 4.0 Ca 0.3
Pb T Cu 0.08 Zn 0.05 Mn 0.08 Ag T ↓ V 0.06 Ti 0.6 Ni T
Co T Na 2.0 K >2.0 W —, Ba 0.25
TRACE:- Ga, Zr, Sn, Cr, Ce

X–RAY DIFFRACTION REPORT AND COMMENTS

KEY

COLUMNS 28–31

UMFC	ultramafic	GRNS	greenstone	TRCT	trachyte	SKRN	skarn	SNDS	sandstone
ANDS	andesite	MNZN	monzonite	TUFF	tuff	GOUG	gouge	SHLE	shale
BSLT	basalt	OBSD	obsidian	AMPB	amphibolite	ARGL	argillite	SLSN	siltstone
CRBN	carbonatite	PNLT	phonolite	CLCC	calc-silicate	CHRT	chert	MRLZ	mineralization
DCIT	dacite	QZPP	quartz porphyry	GNSS	gneiss	COAL	coal	MVSP	massive sulphide
DORT	diorite	RYLT	rhyolite	MRBL	marble	DLMT	dolomite	DISS	disseminated
GBBR	gabbro	SRPN	serpentinite	PLLT	phyllite	LMSN	limestone	SCKK	stockwork
GRNT	granite	SNKN	shonkinite	SCST	schist	MARL	marl	VEIN	vein
GRDR	granodiorite	SYNT	syenite	HRFL	hornfels	QRTZ	quartzite	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

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

COLUMNS 36 – 43

Mineral Inventory Number or property name

COLUMNS 44 – 80

Comments

ANALYTICAL METHOD

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

SAMPLE PREPARATION

W	TUNGSTEN CARBIDE
C	CERAMIC
S	STEEL