

SPECTROGRAPHIC REPORT

<p><i>Added</i> Si 10 Al 4.0 Mg 0.1 Ca 0.1 Fe 3.0</p> <p>1 Pb > 5.0 Cu T Zn 1.8 Mn 0.7 Ag T V — Ti T Ni — Co T Na < 0.3 K < 0.3 W —, Sb > 5.0, As > 5.0, Bi 0.04 Cd 0.02</p>	<p><i>Added</i> Si 10 Al 1.0 Mg 0.2 Ca 0.3 Fe 6.0</p> <p>2 Pb > 5.0 Cu T Zn 0.7 Mn 0.02 Ag T V — Ti T Ni — Co T Na < 0.3 K < 0.3 W —, Sb 2.2, As > 5.0, Bi 0.05 TRACE: Cd</p>	<p>Fe 5.0 Si 10 Al 5.5 Mg 1.2 Ca 2.0</p> <p>3 Pb 0.02 Cu T Zn T Mn 0.01 Ag T V T Ti 0.15 Ni T Co T Na 2.0 K < 0.3 W —, Sb 0.01 TRACE: As, Ga, Zr, Sr, Ba, Cr, Y, Yb, Sc</p>
<p>Si > 10 Al > 10 Mg 0.6 Ca 5.0 Fe 1.5</p> <p>4 Pb 0.0 Cu T Zn T Mn 0.01 Ag T ↓ V 0.08 Ti 0.8 Ni 0.01 Co T Na 0.5 K > 2 W —, Ba > 0.5, Cr 0.2, P > 0.5 TRACE: Ga, Zr ↓, Sr, Y, Yb, Sc, Be, B, Ce</p>	<p>Si — Al — Mg — Ca — Fe —</p> <p>5 Pb — Cu — Zn — Mn — Ag — V — Ti — Ni — Co — Na — K — W —</p>	<p>Si — Al — Mg — Ca —</p> <p>6 Pb — Cu — Zn — Mn — Ag — V — Ti — Co — Na — K — W —</p>

X-RAY DIFFRACTION REPORT AND COMMENTS

KEY

COLUMNS 28-31

UMFC ultramafic	GRNS greenstone	TRCT trachyte
ANDS andesite	MNZN monzonite	TUFF tuff
BSLT basalt	OBSD obsidian	AMPB amphibolite
CRBN carbonatite	PNLT phonolite	CLCC calc-silicate
DCIT dacite	QZPP quartz porphyry	GNSS gneiss
DORT diorite	RYLT rhyolite	MRBL marble
GBBR gabbro	SRPN serpentinite	PLLT phyllite
GRNT granite	SNKN shonkinite	SCST schist
GRDR granodiorite	SYNT syenite	HRFL hornfels

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

General 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

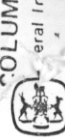
- | | |
|---|-------|
| 0 | <0.5 |
| 1 | 0.5-1 |
| 2 | 1-10 |
| 3 | 10-50 |
| 4 | >50 |

ANALYTICAL METHOD

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

SAMPLE PREPARATION

- | | |
|---|------------------|
| W | TUNGSTEN CARBIDE |
| C | CERAMIC |
| S | STEEL |



ANALYTICAL SERVICES REQUEST

Submitter TOM SCHROETER Date submitted Sept. 9/85 Date started Sept 16/85
 Number of samples 4 Date required Oct. 31/85 Date reported 11 DECEMBER 1985
 Special instructions ASSAY
 Project MT. HENRY CLAY Area CARMINE Mtn. Priority _____ Chief Analyst W. Johnson
 Air photo _____ Card 2 of 2 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 NOZ										UTM E UTM N										RXTYAGS										PROPERTY										COMMENTS																													
114P/11 RM-85-9										59°42' 137°10'										MRL25014										RED MOUNTAIN (FAIR)																																																	
LAB NOOXIDES										SPECXRDMINPR										PAu Ag Cu Pb Zn										Co Ni Mo Cr Hg As Sb Ba Sr																																																	
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114P/11 RM-85-11										59°42' 137°10'										MRL25014										RED MOUNTAIN (FAIR)																																																	
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114P/11 RM-85-19										59°42' 137°10'										MRL25013										RED MOUNTAIN (FAIR)																																																	
LAB NOOXIDES										SPECXRDMINPR										PAu Ag Cu Pb Zn										Co Ni Mo Cr Hg As Sb Ba Sr																																																	
30957										C P SQ Q										SEP										0.7 73 0.080 5.76 5.03																																																	
114P/11 RM-85-20										59°42' 137°10'										MRL25013										RED MOUNTAIN (FAIR)																																																	
LAB NOOXIDES										SPECXRDMINPR										PAu Ag Cu Pb Zn										Co Ni Mo Cr Hg As Sb Ba Sr																																																	
30958										C P SQ Q										SEP										<0.3 45 0.039 4.25 3.70																																																	
LAB NOOXIDES										SPECXRDMINPR										PAu Ag Cu Pb Zn										Co Ni Mo Cr Hg As Sb Ba Sr																																																	
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SPECTROGRAPHIC REPORT

<p>Si 7.0 Al 1.5 Mg 1.8 Ca 1.5 Fe >10</p> <p>1 Pb T Cu T Zn T Mn 0.4 Ag T V — Ti 0.0 Ni 0.01</p> <p>Co T Na <0.3 K <0.3 W —</p> <p>TRACE: Mo, Cd, Zr, Ba, Y, Be</p>	<p>Si >10 Al 4.0 Mg 0.5 Ca <0.1 Fe >10</p> <p>2 Pb 0.01 Cu T Zn T Mn 0.1 Ag T V T Ti 0.1 Ni T</p> <p>Co T Na <0.3 K 0.3 W —, As 0.25</p> <p>TRACE: Mo, Cd, Zr, Sr, Ba, Cr, Y, Be</p>	<p>Si 10.0 Al 1.5 Mg 0.9 Ca >10 Fe 7.0</p> <p>3 Pb 2.0 Cu 0.15 Zn >5.0 Mn 0.35 Ag T ↑ V — Ti 0.01</p> <p>Co T Na <0.3 K <0.3 W —</p> <p>TRACE: Sb, Bi, Sr</p>
<p>Si 6.0 Al 1.0 Mg 1.0 Ca 1.0 Fe 6.0</p> <p>4 Pb 1.3 Cu 0.07 Zn 2.0 Mn 0.2 Ag T ↑ V — Ti 0.01 Ni —</p> <p>Co T Na <0.3 K <0.3 W —, Sr 0.03</p> <p>TRACE: Bi,</p>	<p>Si — Al — Mg — Ca — Fe —</p> <p>5 Pb — Cu — Zn — Mn — Ag — V — Ti — Ni —</p> <p>Co — Na — K — W —</p>	<p>Si — Al — Mg — Ca —</p> <p>6 Pb — Cu — Zn — Mn — Ag — V — Ti —</p> <p>Co — Na — K — W —</p>

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
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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