



Submitter TOM SCHRIETER

Date submitted Sept. 9/85

Date started Sept 18/85

Number of samples 3

Date required Oct. 31/85

Date reported 11 DECEMBER 1985

Special instructions ASSAY

Project MT. HENRY - CLAY Area TATSHEENSHAN - 114P Priority _____

Chief Analyst Wm. J. ...

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										NUTM										E										UTM										N										RXTYAG										PROPERTY										COMMENTS									
114P/75EW GC-85-6										59°27'N										136°30'W										MRL 85021										GOLD CORD										(MT. McDowell)																																																	
LAB	NO	O	X	I	D	E	S	P	E	C	X	R	D	M	I	N	P	R	P	Au	Ag	Cu	Pb	Zn	Co	Ni	Mo	Cr	Hg	As	Sb	Ba	Sr																																																																		
30905	C	P	S	Q	Q	SEP										0.3	<10	0.38																																																																																	
114P/75EW GC-85-7										59°27'N										136°30'W										MRL 85021										GOLD CORD										(MT. McDowell)																																																	
LAB	NO	O	X	I	D	E	S	P	E	C	X	R	D	M	I	N	P	R	P	Au	Ag	Cu	Pb	Zn	Co	Ni	Mo	Cr	Hg	As	Sb	Ba	Sr																																																																		
30906	C	P	S	Q	Q	SEP										83	42	0.41																																																																																	
114P/75EW GC-85-8										59°27'N										136°30'W										MRL 85021										GOLD CORD										(MT. McDowell)																																																	
LAB	NO	O	X	I	D	E	S	P	E	C	X	R	D	M	I	N	P	R	P	Au	Ag	Cu	Pb	Zn	Co	Ni	Mo	Cr	Hg	As	Sb	Ba	Sr																																																																		
30907	C	P	S	Q	Q	SEP										0.3	<10	0.17																																																																																	
LAB										NO	O	X	I	D	E	S	P	E	C	X	R	D	M	I	N	P	R	P	Au	Ag	Cu	Pb	Zn	Co	Ni	Mo	Cr	Hg	As	Sb	Ba	Sr																																																									
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LAB										NO	O	X	I	D	E	S	P	E	C	X	R	D	M	I	N	P	R	P	Au	Ag	Cu	Pb	Zn	Co	Ni	Mo	Cr	Hg	As	Sb	Ba	Sr																																																									
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LAB										NO	O	X	I	D	E	S	P	E	C	X	R	D	M	I	N	P	R	P	Au	Ag	Cu	Pb	Zn	Co	Ni	Mo	Cr	Hg	As	Sb	Ba	Sr																																																									
										C	P	S	Q	Q	SEP																																																																																				

SPECTROGRAPHIC REPORT

	Si > 10 Al 3.0 Mg 0.2 Ca 0.2 Fe 3.5	Si > 10 Al 2.0 Mg 0.2 Ca 0.3 Fe 5.5	Si > 10 Al 1.5 Mg 0.1 Ca 0.5 ^{Fe 1.2}
1	Pb — Cu 0.3 Zn — Mn 0.12 Ag — V — Ti 0.01 Ni T	Pb — Cu 0.5 Zn — Mn 0.13 Ag T V — Ti 0.03 Ni T	Pb — Cu 0.15 Zn — Mn 0.05 Ag T V — Ti T
	Co — Na < 0.3 K < 0.3 W —	Co — Na < 0.3 K < 0.3 W —	Co — Na < 0.3 K < 0.3 W —
	TRACE: — Cr	TRACE: — Mo, Cr, Au	TRACE: — Cr
4	Si — Al — Mg — Ca — Fe —	Si — Al — Mg — Ca — Fe —	Si — Al — Mg — Ca —
	Pb — Cu — Zn — Mn — Ag — V — Ti — Ni —	Pb — Cu — Zn — Mn — Ag — V — Ti — Ni —	Pb — Cu — Zn — Mn — Ag — V — Ti —
	Co — Na — K — W —	Co — Na — K — W —	Co — Na — K — W —
5			
6			

X-RAY DIFFRACTION REPORT AND COMMENTS

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

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

SKRN skarn	SNDS sandstone
GOUG gouge	SHLE shale
ARGL argillite	SLSN siltstone
CHRT chert	MRLZ mineralization
COAL coal	MVSP massive sulphide
DLMT dolomite	DISS disseminated
LMSN limestone	SCKK stockwork
MARL marl	VEIN vein
QRTZ quartzite	ALRZ alteration

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

Submitter TOM SCHROETERDate submitted Sept. 9/85Date started Sept 11/85Number of samples 6Date required Oct. 31/85Date reported 11 DECEMBER 1985Special instructions ASSAYProject MT. HENRY CLAYArea TATSHEUSHWI 114P Priority _____Chief Analyst Wm J. Jones

Air photo _____

Card 1 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										RXTYAGSP										PROPERTY										COMMENTS																			
114P/7E8W GC-85-1															59°27'N 136°30'W															MRLZ5021GOLD										CORD (MT. Mc Donnell)																																							
LAB NOOXIDESPECXRD															MINPRPAu															Ag										Cu										Pb Zn Co Ni Mo Cr Hg As Sb Ba Sr																													
30959															C P SQ Q SEP															19										22										0.51																													
114P/7E8W GC-85-2															59°27'N 136°30'W															MRLZ5021GOLD										CORD (MT. Mc Donnell)																																							
LAB NOOXIDESPECXRD															MINPRPAu															Ag										Cu										Pb Zn Co Ni Mo Cr Hg As Sb Ba Sr																													
30960															C P SQ Q SEP															<0.3										<100										.40																													
114P/7E8W GC-85-3															59°27'N 136°30'W															MRLZ5021GOLD										CORD (MT. Mc Donnell)																																							
LAB NOOXIDESPECXRD															MINPRPAu															Ag										Cu										Pb Zn Co Ni Mo Cr Hg As Sb Ba Sr																													
30961															C P SQ Q SEP															16.9										21										1.02																													
114P/7E8W GC-85-3a															59°27'N 136°30'W															MRLZ5021GOLD										CORD (MT. Mc Donnell)																																							
LAB NOOXIDESPECXRD															MINPRPAu															Ag										Cu										Pb Zn Co Ni Mo Cr Hg As Sb Ba Sr																													
30962															C P SQ Q SEP															72										190										2.13																													
114P/7E8W GC-85-4															59°27'N 136°30'W															MRLZ5021GOLD										CORD (MT. Mc Donnell)																																							
LAB NOOXIDESPECXRD															MINPRPAu															Ag										Cu										Pb Zn Co Ni Mo Cr Hg As Sb Ba Sr																													
30963															C P SQ Q SEP															2.7										<10										0.016																													
114P/7E8W GC-85-5															59°27'N 136°30'W															MRLZ5021GOLD										CORD (MT. Mc Donnell)																																							
LAB NOOXIDESPECXRD															MINPRPAu															Ag										Cu										Pb Zn Co Ni Mo Cr Hg As Sb Ba Sr																													
30964															C P SQ Q SEP															7.5										13										0.013																													

SPECTROGRAPHIC REPORT

<p>1 Si > 10 Al 1.8 Mg < 0.1 Ca < 0.1 Fe 4.5 Pb — Cu 0.4 Zn — Mn 0.03 Ag T V — Ti 0.02 Ni T Co — Na < 0.3 K < 0.3 W — TRACE: — Mo, Cr</p>	<p>2 Si > 10 Al < 1.0 Mg < 0.1 Ca < 0.1 Fe 2.5 Pb — Cu 0.2 Zn — Mn 0.02 Ag — V — Ti T Ni T Co — Na < 0.3 K < 0.3 W — TRACE: — Cr</p>	<p>3 Si > 10 Al 1.5 Mg < 0.1 Ca < 0.1 Fe 3.5 Pb — Cu 0.7 Zn — Mn 0.02 Ag T V — Ti 0.01 Ni T Co — Na < 0.3 K < 0.3 W — TRACE: — Mo, Cr</p>
<p>4 Si > 10 Al 2.5 Mg < 0.2 Ca < 0.1 Fe 5.5 Pb — Cu 1.8 Zn — Mn 0.12 Ag T V — Ti 0.03 Ni T Co — Na < 0.3 K < 0.3 W — TRACE: — Mo, Cr, Au</p>	<p>5 Si > 10 Al < 1.0 Mg < 0.1 Ca < 0.1 Fe 3.7 Pb — Cu T Zn — Mn 0.04 Ag T V — Ti T Ni T Co — Na < 0.3 K < 0.3 W — TRACE: — Mo, Cr</p>	<p>6 Si > 10 Al 1.0 Mg < 0.1 Ca < 0.1 Fe 4.5 Pb — Cu T Zn — Mn 0.06 Ag T V — Ti 0.01 Ni T Co — Na < 0.3 K < 0.3 W — TRACE: — Mo, Cr</p>

X-RAY DIFFRACTION REPORT AND COMMENTS

KEY

COLUMNS 28-31

UMFC ultramafic	GRNS greenstone	TRCT trachyte
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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
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COLUMNS 36-43

Mineral Inventory Number or property name

COLUMNS 44-80

Comments

COLUMN 34

SAMPLE TYPE
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3 Composite sample
4 Drill core
5 Talus or transported
6 Soil
7 Silt
8 Other

COLUMN 35

% SULPHIDE
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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