

YUKON MINING INCENTIVES PROGRAM

GRASSROOTS PROSPECTING PROGRAM

SUMMARY REPORT

November 2001

Michael Glynn

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INTRODUCTION

These Projects were made possible by the Yukon Mining Incentives Program as administered by the Geology Branch of Economic Development, Government of Yukon.

The Author gratefully acknowledges the technical and financial contributions that this program, and the Geology Branch in general provides to Prospectors and Mining in the Yukon.

GRASSROOTS PROSPECTING TARGET #1**TARGET NAME: GORTEX/ 2001****LOCATION:** NTS 105 O 06 Moose Horn and upper Tenderfoot Creeks. Dawson Mining District, Yukon Territory.**ACCESS:** Seasonal road access (June-October) is possible via existing placer mining roads south of Dawson City. The total road distance to the new cat trail (summer 2000) at the head of Moose Horn Creek is 198 kilometers. Travel time is approximately four hours. Road access is also possible to the mouth of Moose Horn Creek via the Henderson Creek road.

Helicopter charters are available year round from Dawson City, approximately 75 kilometers north of the target area.

TOPOGRAPHY AND VEGETATION: Elevations in the area of work range from 1700 feet, in the lower creeks, to 3600 feet on ridge tops. Slopes in the vicinity are generally moderate. Vegetation consists mainly of spruce to elevations of 3400 feet. Poplar and stands of birch cover some lower portions of south and west facing slopes. North facing slopes typically consist of thick growths of spruce and mosses covering permafrost. Alder thickets are confined to the creek beds and the adjacent slopes. Stunted buck brush covers the majority of hills and ridges above tree line at elevations of 3400 feet and higher.**REGIONAL GEOLOGY:** Precambrian and older metasediments and gneiss of the Yukon Group underlie the vicinity of the project area. Numerous smaller, plug shaped outcrops of gneissic granites (younger?) have been mapped along a northerly strike extending from the head of Tenderfoot Creek to Henderson Dome. Cenozoic volcanic rocks, of the Carmacks Group, outcrop on Henderson Dome and northwest of the head of Tenderfoot Creek. A large body of limestone, trending north-northwest, from the Stewart River to Moose Horn Creek parallels the Thistle-Reindeer Mountain Lineament. Placer mining has occurred, or is continuing on all creeks draining the project area.**TARGET AREA GEOLOGY AND STRUCTURE:** Precambrian and older metasediments, of the Yukon Group, dominate the areas prospected. Micaceous quartzite, phyllite and related schists of sedimentary origin are the most common rocks. Highly variable degrees of metamorphic effects, over distances of one to ten meters, were observed within this unit. Narrow zones (10 cm to 20 meters) of mafic schists, metadiorite and nematoblastic textured orthogneiss (?) occur conformably within this package of predominately metasedimentary rocks. Gneissic granites, frequently augen textured and occasionally micaceous occur along both sides of lower Moose Horn

Creek. At some locations, the gneiss is very limonitic and contains fresh looking quartz veins and veinlets 1mm to 2cm wide.

A large body of granodiorite intrudes country rocks near the height of land south of Moose Horn Creek and was also observed along both sides of Tenderfoot Creek, approximately two kilometers down stream from it's upper-most forks. Traverses down Tenderfoot Creek encountered a coarse grained, mesocratic phase of this intrusion. Prospecting along 450 meters of the northeast margin of the granodiorite revealed a 2-10 meter wide gradational contact with dioritic and chloritic schist. At this location, the effects of contact metamorphism are limited to increased schistosity and minor quartz swells in the mafic and phyllite schists. Occasional inclusions of re-melted mafic minerals were noted in the granodiorite along this contact. Rare, narrow (10 cm), west dipping sills (?) of quartz monzonite cut the granodiorite/schist contact along the height of land between Tenderfoot and Moose Horn Creeks. Evidence of alteration, hydrothermal activity or significant quartz veining was not encountered along this portion of the contact.

The large body of limestone trending north from the Stewart River was examined along the ridge between Moose Horn and Tenderfoot Creeks. At this location the fine grained Limestone conformably caps the strata and lacks evidence of deformation. Rare limonitic quartz veins, 1mm-3cm wide, were observed along the southwest and northeast margins where the limestone is in contact with phyllite, chloritic and mafic schists. Samples collected at these locations failed to return appreciable precious metals values.

Excellent bedrock exposures are provided by the construction of 3 kilometers of a new (summer, 2000) placer mining access road heading northwest from the Tenderfoot Creek trail to near the main forks of upper Moose Horn Creek. Prospecting along the new road cut identified a complex package of variably metamorphosed and altered rocks.

Mafic schists predominate this package of rocks however, phyllite and gneissic granitoid rocks are also present. Schistosity is highly variable over distances of 20cm to 3 meters and generally increases at the contacts of rock types. Chloritic alteration of the metamafic rocks is most evident at their contact with rocks of sedimentary origin. Zones of chloritic alteration were also noted both within the bodies of gneiss and frequently increases at the contacts with schists. Argillic alteration is largely confined to narrow (15cm-2m) widths, adjacent to quartz veining and chalcedony occurring along schistosity in the schists, at rock type contacts and, to a lesser degree, within some narrow gneissic units. These alteration zones are commonly limonitic.

This package of rocks dips approximately 20 degrees WSW and generally strikes within ten degrees of north, however one strike measurement of 60 degrees was recorded near the mid-point of the new access road.

The majority of quartz veins, chalcedony and alteration observed to date occur parallel to strike and favor the more permeable rock types. Rare, small scale, concordant and low angle shearing was noted at a few locations along the access road. At these locations narrow zones of graphitic schists had developed, occasionally including quartz veins/sweats, and limonitic coatings.

2001 PROSPECTING PROGRAM: This year's work focused on following up anomalous areas identified during last year's Prospecting Program and investigating several Air Photo lineaments. A total of 32 soil, 11 stream sediment, and 5 rock samples were collected during prospecting traverses employing the efforts of Michael Glynn (the Author) and Michel Vincent (Prospector) for 12 days during the September 08 - 26, 2001.

All samples collected were submitted for trace geochem analyses to Acme Analytical Laboratories of Vancouver BC. 15-gram portions of the pulps prepared from the samples were analyzed for 37 elements by ICP/ES + MS. Analyses of stream sediment and soil samples was from the minus 230 Tyler mesh fraction. Rock sample analyses were from the minus 150 Tyler mesh fraction.

The stream sediments sample sites were selected from locations of low energy stream flow, rich in constantly depositing stream silts. Stream sediment samples from the smaller tributaries and pups were collected at elevations at least one hundred feet above the main creeks. At all sample sites, approximately one kilogram of appropriate materials were collected from numerous locations along 15-20 meters of creek flow and placed in heavy gauge plastic bags. All of the sample sites are well flagged and marked with the corresponding sample number.

Soil samples were collected from the "B" or, a mixture of the "B" and "C" horizons at depths of 35 - 60 cm and placed in gusseted Kraft paper sample bags marked with the corresponding sample number. Flagging, marked with the sample number, was tied to trees at the sample sites.

CONCLUSIONS: The gold in stream sediment anomaly (2GS010 - 25ppb) identified during the year 2000 exploration project, has been expanded 200 meters upstream to the northeast. A soil sample (X01057) collected over limonitic gneiss with quartz veins approximately 200 meters up slope of anomalous portions of Moose Creek returned a gold value of 52 ppb. This sample site is the southwest limit of soil sampling collected along this stream valley.

Anomalous gold and silver values, identified to date, are related to quartz veining occurring in the upper reaches of Moose Horn Creek. The events responsible for the emplacement of the quartz veining and related alteration envelopes post-date all metamorphic effects observed to date. For the time being, it is assumed that the intrusion of granodiorite is related to the quartz veining and the emplacement of precious metal mineralization.

Based on the analytical results of the year 2000 and 2001 reconnaissance exploration programs, these precious metal anomalies show little correlation with the reported arsenic and mercury values. Bismuth and silver may prove useful as a pathfinder element in the future exploration of this area.

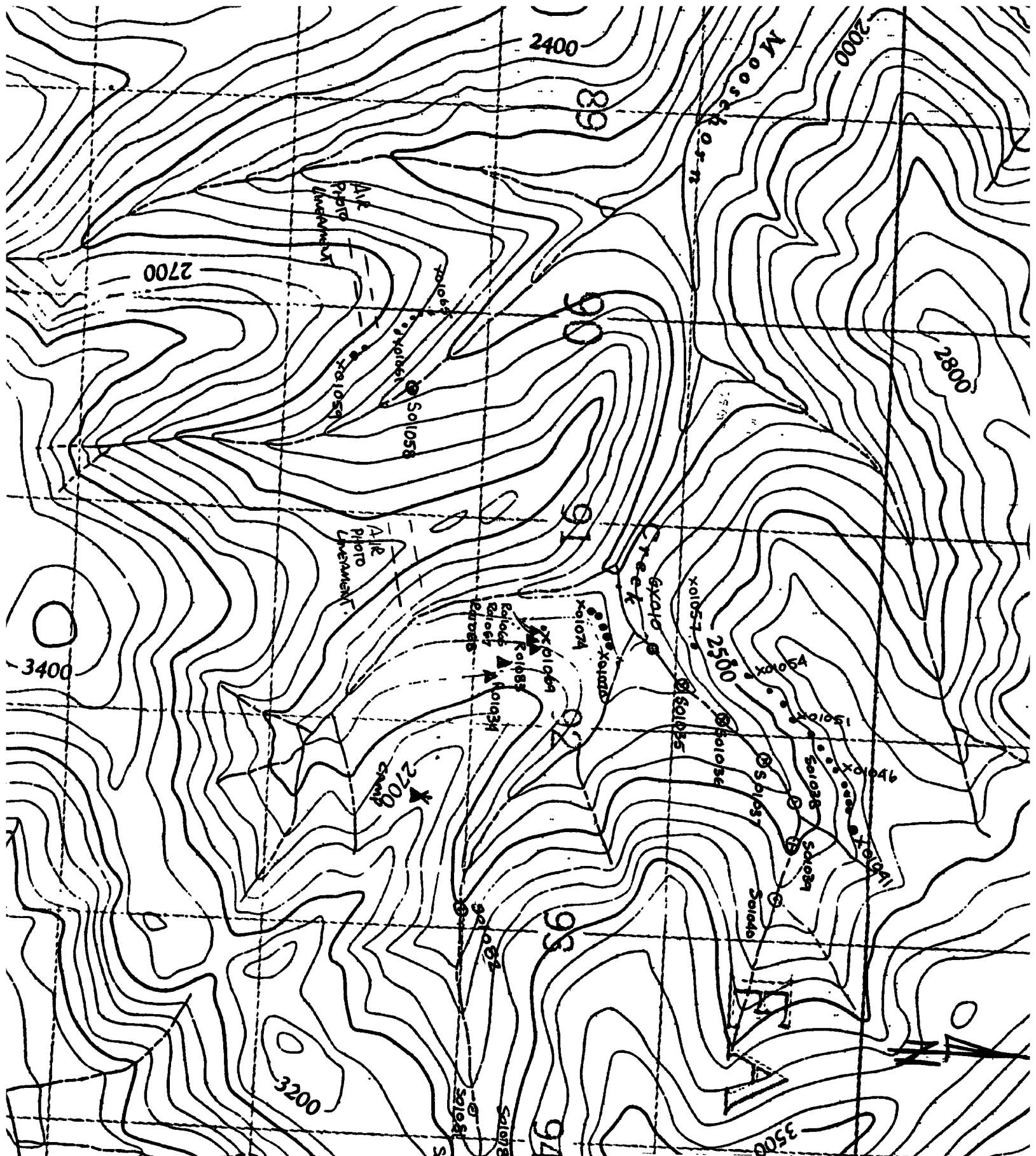
RECOMMENDATIONS: Further work within this target should concentrate on the following areas:

1. The northwest margin of the mapped limestone/gneiss contact, north of Moose Horn Creek
2. Areas surrounding anomalous stream sediment samples 2GS010 (Au 26 ppb) S01035 (Au 40ppb) and soil sample X01057 (Au 52 ppb)

GORTEX 2001 PROJECT

ROCK SAMPLE DESCRIPTIONS

- | | |
|--------|--|
| R01034 | Grab insitu quartz breccia, limonitic voids. |
| R01066 | Grab float dark quartz in fold/shear zone limonitic. |
| R01067 | Grab float dark/graphitic quartz matrix. Cross cutting quartz veins and limonite zones. |
| R01068 | Grab float bull quartz, interconnected limonite filled voids, some rich Mn zones. Same as sample 2GR008 (2000 Program) |
| R01083 | Grab float limonitic Quartz vein in graphitic/Mn rich matrix. Fold/shear zone. |



SAMPLE LOCATION MAP
PROJECT: GORTEX-2001NTS 115 O 08
 X01=SOIL S01=STREAM SED. R01=ROCK
 M. GLYNN NOV. 2001 SCALE 1:2500



GEOCHEMICAL ANALYSIS CERTIFICATE



Glynn, Michael File # A103949
Box 360, Whitehorse YT Y0B 1G0 Submitted by: Michael Glynn

Table with columns for SAMPLE#, Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, U, Au, Th, Sr, Cd, Sb, Bi, V, Ca, P, La, Cr, Mg, Ba, Tl, B, Al, Na, K, W, Hg, Sc, Tl, S, Ga. Rows include SI, R01030, R01031, R01032, R01034, R01059, R01066, R01067, R01068, R01083, RE R01083, STANDARD DS3.

GROUP 1DX - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: ROCK R150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 7 2001 DATE REPORT MAILED: Nov 19/01 SIGNED BY: [Signature] D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

ROCKS GORTEX 2001

GEOCHEMICAL ANALYSIS CERTIFICATE

Glynn, Michael File # A103948 Page 1
Box 360, Whitehorse YT Y0B 1G0 Submitted by: Michael Glynn



Table with columns: SAMPLE#, Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, U, Au, Th, Sr, Cd, Sb, Bi, V, Ca, P, La, Cr, Mg, Ba, Tl, B, Al, Na, K, W, Hg, Sc, Tl, S, Ga. Rows include samples X01041 through X01077 and STANDARD DS3.

GROUP 1DX - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: SOIL S230 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 7 2001 DATE REPORT MAILED: Nov 19/01 SIGNED BY: [Signature] D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS
SOILS - GORTEX 2001



GEOCHEMICAL ANALYSIS CERTIFICATE

Glynn, Michael File # A103947

Box 360, Whitehorse YT Y08 1G0 Submitted by: Michael Glynn

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
3-1	1.54	2.24	2.60	42.9	19	4.5	4.3	542	1.88	2.8	1.9	7	4.9	74.0	.02	.05	.14	80	.56	.095	0.0	13.0	.55	228.1	.133	1	.85	.067	.48	1.6	1.5	.29	.01	5	.1	<.02	5.0	15
S01033	.39	13.54	7.46	59.0	64	16.6	8.8	267	1.98	6.3	1.9	1.6	5.1	36.1	.15	.01	.12	41	.58	.073	19.6	27.6	.61	168.3	.071	<1	1.24	.016	.00	<2	2.8	.07	.03	60	.2	<.02	5.0	16
S01035	.59	10.38	5.87	52.1	83	10.9	7.4	333	1.88	3.2	1.2	40.9	5.1	28.1	.14	.25	.10	42	.48	.063	18.8	17.4	.53	213.1	.083	1	1.19	.011	.17	.2	2.1	.09	.02	21	.2	<.02	4.3	15
S01036	.58	8.87	6.10	50.6	44	11.2	7.1	276	1.71	3.2	1.0	6.4	5.1	27.8	.13	.27	.09	40	.45	.069	18.2	18.0	.47	190.1	.079	1	1.03	.013	.14	.2	2.3	.07	.01	19	.3	<.02	4.1	15
S01037	.52	7.63	5.26	46.6	35	9.7	6.4	265	1.59	2.5	1.0	4.3	5.3	24.7	.11	.21	.07	36	.43	.073	18.3	16.4	.44	164.2	.072	1	.93	.011	.14	.3	1.9	.07	<.01	18	.1	<.02	3.7	15
S01038	.56	9.64	6.11	49.6	55	10.8	7.1	307	1.83	3.0	1.2	25.3	5.5	26.3	.13	.23	.09	41	.48	.068	19.2	17.8	.50	185.1	.082	1	1.12	.010	.16	.3	2.2	.08	.02	42	.2	<.02	4.0	15
RE S01038	.61	9.75	6.45	48.6	57	10.8	7.6	302	1.79	3.2	1.2	16.0	5.7	25.9	.13	.22	.09	40	.46	.072	20.5	18.5	.49	201.0	.076	1	1.09	.011	.17	.3	2.3	.08	.02	26	.2	<.02	4.2	15
S01039	.84	10.41	6.97	55.7	76	11.6	8.1	372	2.02	4.2	1.0	14.3	4.8	23.4	.18	.27	.11	44	.39	.069	18.2	19.1	.52	192.7	.080	1	1.23	.010	.14	<2	2.3	.08	.02	24	.3	<.02	4.6	15
S01040	.95	10.39	8.23	52.9	71	12.0	7.3	301	1.91	4.3	1.3	14.8	5.6	24.4	.19	.28	.13	43	.38	.068	20.9	19.6	.47	204.1	.070	<1	1.19	.010	.12	.2	2.3	.08	.02	27	.2	<.02	4.4	15
S01058	.20	10.14	5.43	50.9	40	13.2	7.4	231	1.66	3.0	.6	5.7	3.4	26.5	.09	.30	.07	39	.59	.103	13.6	21.2	.58	202.8	.076	1	1.01	.016	.07	.6	2.1	.05	<.01	44	.3	<.02	3.8	15
S01078	.68	14.41	3.71	36.8	65	15.1	8.1	265	1.70	2.1	.5	5.9	1.6	28.0	.11	.17	.29	38	.59	.071	9.0	26.4	.51	170.8	.045	1	1.16	.013	.06	<2	2.4	.05	.02	20	.2	<.02	3.9	15
S01080	.74	14.37	9.08	64.8	100	14.7	13.6	993	2.38	3.6	1.3	7.3	3.2	29.3	.20	.22	3.18	44	.59	.090	17.1	25.3	.64	199.3	.060	1	1.43	.011	.11	<2	2.5	.09	.03	43	.2	<.02	4.9	15
S01081	.44	10.61	5.52	48.1	50	12.9	8.4	255	1.70	2.6	.7	3.1	2.9	25.1	.11	.21	.24	36	.53	.083	12.2	21.6	.50	143.1	.061	1	1.11	.013	.07	.2	2.3	.05	.01	28	.1	<.02	3.8	15
S01082	.69	14.00	8.83	63.0	83	17.0	13.2	1394	2.30	5.4	1.0	5.9	3.4	30.1	.25	.29	.21	42	.70	.080	17.4	24.4	.53	219.0	.060	1	1.31	.014	.08	<2	2.6	.06	.02	39	.3	<.03	4.3	15
STANDARD DS3	9.39	127.19	34.52	160.1	284	34.2	12.4	832	3.24	31.7	6.2	19.4	3.9	26.9	5.70	4.86	5.77	78	.54	.098	16.6	181.1	.61	148.2	.082	2	1.76	.029	.15	3.4	2.7	1.04	.01	230	1.2	1.02	6.4	15

GROUP 1F15 - 15.00 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: SILT S230 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 7 2001 DATE REPORT MAILED: Nov 18/01

SIGNED BY: *C. Long* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

STREAM SEDS. GORTEX 2001

GRASSROOTS PROSPECTING TARGET # 2

TARGET NAME: "FAST/ 2001"

LOACTION: NTS 115 N 08 Dawson Mining District. Upper Twenty Mile/Marion Creek area, southeast of Matson Creek. Approximately 53 air miles southwest of Dawson City, Yukon.

ACCESS: Via helicopter from Dawson City – 90 kilometers, approximately 40 minutes flight time.

TOPOGRAPHY AND VEGETATION: Elevations in the target area range from 2500 to 4500 feet. Slopes are typically moderate to steep with tree line occurring at 3700 feet. Stands of black spruce, alder and willow exist on the slopes and creek valleys. Poplars can be found on a few west facing slopes in the lower reaches of Marion Creek. Permafrost is most common on the north facing slopes and deep gulches however, random patches occur throughout the areas visited. Outcrops are rare in the forested areas and occur mainly along ridges.

REGIONAL GEOLOGY: Schist and gneiss of Carboniferous to Permian ages, belonging to the Big Salmon Complex, chiefly underlie the target area. This Complex is mapped in contact with Carboniferous/ Permian Quartz Muscovite schist, near the center and southwest margin of the target area. A large body of north trending, Tertiary Rhyolite and Quartz Feldspar Porphyry (QFP) is mapped along the western edge of the area of work. The Flume Claims [Phelps Dodge], which cover an elongated, east trending, Cretaceous intrusion of Quartz Monzonite lie at the northeast corner of this target area.

In January 2001, the Author located 26 Quartz Mining Claims to cover two portions of this target area based on the pre-release version (Nov.2000) of a regional air-borne geophysical survey conducted by the GSC.

TARGET AREA GEOLOGY AND STRUCTURE: Variably textured and metamorphosed Permian diorite and quartz muscovite are the most common rocks in the area. Zones of phyllite, bleaching and siliceous alteration are common within this package of rocks and were observed at faults, along strike and schistosity. Metamorphic effects within these mafic rocks are as follows: massive diorite - gneissic textured diorite - gneissic micro-diorite - variably silicified muscovite and quartz muscovite schists - phyllitic schists to mica schist. Garnets are common in the more phyllitic rocks. Concordant quartz veins are common in all phases of this unit and range in width from 1mm to 55 cm. Rare discordant quartz veins were observed in regions of intense silicification, most notably east of saddle camp. This package of rock generally dips 30 degrees to the south-west on both sides of the north trending fault that Marion Creek follows.

Tertiary rhyolite dykes; flows and domes were observed on the ridges east of Marion Creek and along the saddle camp ridge. These dykes/flows trend perpendicular to dip and are 3m to 25m wide. For the most part the rhyolite is tan to rust colored and fine grained, however fine spherulitic textures were noted south west of saddle camp. Quartz veins/veinlets are extremely rare within the rhyolite and at contact margins with country

rocks. Evidence of hydro-thermal activities or alteration at such margins was not noted, suggesting that these rhyolite flows/domes were a one time, relatively short-lived event.

2001 GRASSROOTS PROSPECTING PROGRAM

A total of 21 soil, 11 rock and 15 stream sediment samples were collected during prospecting traverses. Twenty-six person days were spent prospecting over the target area during the period July 12–24 2001.

All samples collected were submitted for trace geochem analyses to Acme Analytical Laboratories of Vancouver BC. 15-gram portions of the pulps prepared from the samples were analyzed for 37 elements by ICP/ES + MS. Analyses of stream sediment and soil samples was from the minus 230 Tyler mesh fraction. Rock sample analyses were from the minus 150 Tyler mesh fraction.

The stream sediments sample sites were selected from locations of low energy stream flow, rich in constantly depositing stream silts. Stream sediment samples from the smaller tributaries and pups were collected at elevations at least one hundred feet above the main creeks. At all sample sites, approximately one kilogram of appropriate materials were collected from numerous locations along 15-20 meters of creek flow and placed in heavy gauge plastic bags. All of the sample sites are well flagged and marked with the corresponding sample number.

Soil samples were collected from the "B" or, a mixture of the "B" and "C" horizons at depths of 35 - 60 cm and placed in gusseted Kraft paper sample bags marked with the corresponding sample number. Flagging, marked with the sample number, was tied to trees at the sample sites.

Daily prospecting traverses were determined by geophysical anomalies identified by the Stewart River Area Multisensor Airborne Geophysical Survey, conducted by the GSC. (Open File 3989)

CONCLUSIONS: Data from the Airborne Geophysical Survey proved use full in locating areas of silicification, rock type transitions and bodies of rhyolite. Prospecting and sampling over these geophysical anomalies failed to locate precious metals or related pathfinder elements.

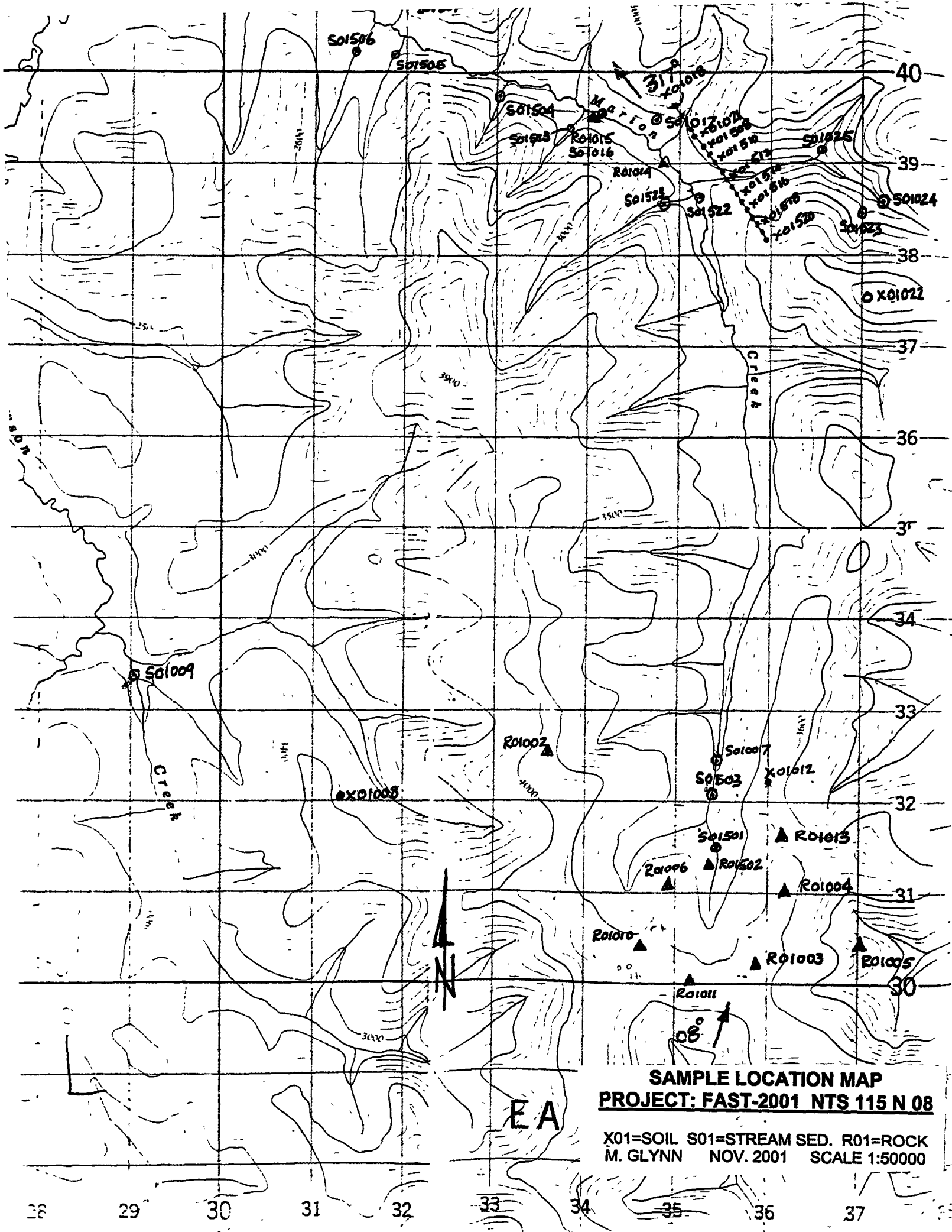
Bodies of rhyolite were observed only as small scale, localized intrusions. Quartz Feldspar Porphyry was observed in a transitional margin at a rhyolite-quartz muscovite schist contact zone east of Marion Creek.

A well defined contact of QFP/rhyolite and mafic rocks, as identified by past regional geological mapping, was not observed during this reconnaissance prospecting program.

RECOMMENDATIONS: No further work is recommended within this target area

**FAST 20001 PROJECT
ROCK SAMPLE DESCRIPTIONS**

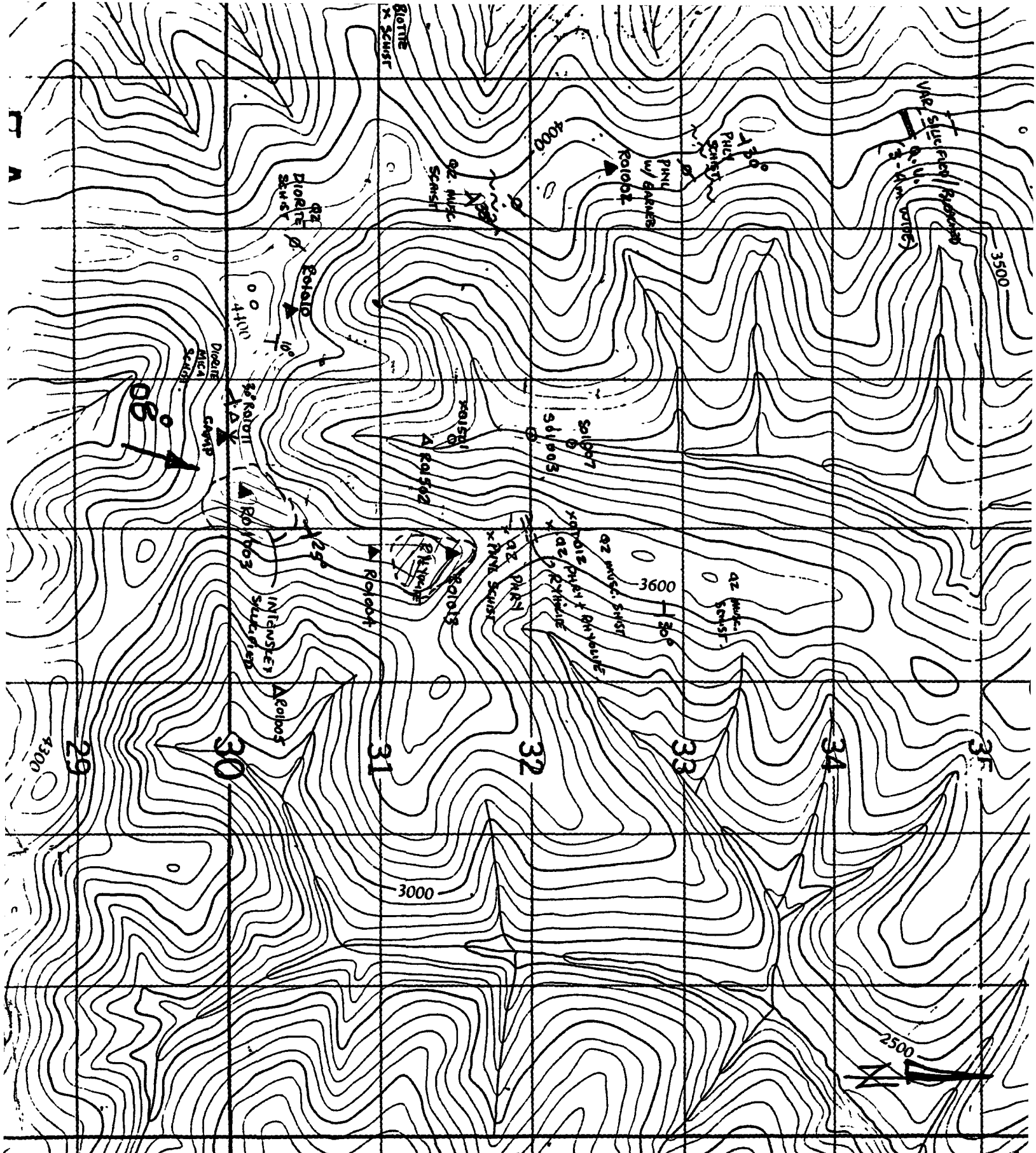
- | | |
|--------|---|
| R01002 | Grab insitu bull quartz at altered muscovite contact. Red staining. |
| R01003 | Grab insitu silicified graphitic zone in tightly folded muscovite schist |
| R01004 | Grab insitu hornblende grading to pyroxene. 10% pyrite. |
| R01005 | Grab float/talus quartz vein material. Limonite lined voids/vugs |
| R01006 | Grab insitu silicified graphitic schist. Limonitic |
| R01010 | Grab sub-crop fine-grained gneissic diorite. Chalcopyrite and pyrite. |
| R01011 | Grab insitu concordant bleached/altered zone in rusty mica schist. |
| R01013 | Grab float/sub-crop rhyolite 1-2mm rusty clasts and voids. Carbonate alt? |
| R01014 | Grab insitu quartz vein in gabbro/diorite with chalcopyrite/pyrite blebs. |
| R01015 | Grab insitu gabbro/diorite with disseminated chalcopyrite/pyrite. |
| R01502 | Grab creek float sugary textured, limonitic rhyolite QFP? |



SAMPLE LOCATION MAP
PROJECT: FAST-2001 NTS 115 N 08

X01=SOIL S01=STREAM SED. R01=ROCK
 M. GLYNN NOV. 2001 SCALE 1:50000

28 29 30 31 32 33 34 35 36 37



GEOLOGY MAP
PROJECT: EAST-2001 NTS 115 N 08

X01=SOIL S01=STREAM SED. R01=ROCK
 M. GLYNN NOV.2001 SACLE 1:25000

3000



GEOCHEMICAL ANALYSIS CERTIFICATE



Glynn, Michael File # A102544
Box 5745, Whitehorse YT Y1A 5L5 Submitted by: Michael Glynn

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
R01002	2	19	98	63	28.3	5	1	158	.53	<2	<8	<2	<2	4	.8	47	<3	2	.02	.001	1	18	.07	14	.01	<3	.20	.01	.03	2
R01003	14	68	18	123	4.2	42	1	59	1.55	67	<8	<2	3	22	.2	8	<3	116	.42	.250	21	48	.14	166	<.01	5	.37	.01	.09	5
R01004	<1	92	10	43	3.3	5	22	366	5.15	<2	<8	<2	<2	12	<.2	4	<3	204	.83	.083	4	7	2.41	399	.18	7	2.55	.11	.15	<2
R01005	21	31	15	5	2.8	17	1	57	.99	20	<8	<2	<2	1	<.2	7	<3	6	.02	.002	1	31	.02	6	.01	3	.04	.01	<.01	8
R01006	7	18	15	63	1.9	17	2	110	1.53	28	<8	<2	3	15	.3	5	<3	70	.21	.149	18	31	.11	324	.01	5	.48	.01	.15	<2
R01010	1	347	4	138	1.5	11	25	660	4.30	<2	<8	<2	3	19	.3	<3	<3	141	1.14	.063	10	14	1.37	78	.12	3	1.62	.15	.05	<2
R01011	3	29	7	10	1.4	15	<1	52	2.56	51	<8	<2	2	57	<.2	<3	3	11	.03	.040	10	30	.09	92	<.01	3	.30	.01	.08	<2
R01013	1	11	22	113	.6	5	2	130	1.51	17	<8	<2	20	6	<.2	<3	<3	13	.06	.009	7	10	.15	75	.01	<3	.79	.04	.10	2
RD1014	<1	135	12	53	1.0	23	95	1431	5.34	19	<8	<2	2	1362	.2	<3	<3	117	10.19	.070	11	17	.91	67	.01	<3	1.19	.03	.08	<2
R01015	2	13	7	14	.5	14	12	239	2.31	<2	<8	<2	<2	49	<.2	<3	<3	15	1.12	.150	2	25	.28	29	.01	5	.28	.08	.01	6
R01502	8	21	4	61	.4	9	3	459	2.24	20	<8	<2	<2	26	<.2	<3	<3	13	.10	.017	9	13	.24	120	<.01	<3	.88	.07	.09	<2
RE R01502	8	21	4	60	<.3	8	3	461	2.24	22	<8	<2	2	26	<.2	<3	<3	15	.09	.018	9	12	.24	121	<.01	<3	.88	.08	.08	<2
STANDARD C3	29	68	33	169	5.7	40	11	817	3.37	55	22	3	21	21	23.7	15	26	86	.57	.088	18	172	.65	152	.09	18	1.88	.04	.12	14
STANDARD G-2	2	3	<3	44	<.3	9	3	559	2.03	<2	<8	<2	4	55	<.2	<3	<3	44	.63	.092	8	77	.63	215	.15	3	.95	.08	.35	3

GROUP 10 - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK R150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 2 2001 DATE REPORT MAILED: *Aug 10/01* SIGNED BY: *C.L.* D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

ROCKS - FAST 2001

GEOCHEMICAL ANALYSIS CERTIFICATE

Glynn, Michael File # A102543

Box 5745, Whitehorse YT Y1A 5L5 Submitted by: Michael Glynn



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Tl	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Sample								
	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	gm							
X01008	.92	22.88	8.58	74.2	99	19.5	13.3	301	2.87	5.2	.5	2.4	3.0	23.2	.08	.32	.18	89	.33	.035	9.8	37.8	1.02	283.8	.091	1	2.43	.012	.07	<2	5.0	.12	.03	29	.3	.03	7.9	15								
X01012	2.27	16.91	23.59	45.3	84	14	6	7.1	253	3.14	8.4	.9	1.8	5.0	9.5	.15	.55	.20	82	.11	.037	8.0	30.0	.32	119.6	.049	1	2.26	.009	.05	<2	2.4	.12	<.01	37	.2	.03	7.5	15							
X01018	.85	31.32	5.79	57.7	47	12.2	7.8	428	2.64	2.5	.8	.9	3.1	92	4	.08	.27	.09	60	1.32	.052	13.4	20.0	.87	671.5	.066	1	1.89	.013	.44	<2	4.9	.15	.05	22	.1	.02	6.2	15							
X01019	.57	21.51	6.87	51.2	54	16.2	8.1	326	2.39	5.0	.6	1.7	2.5	48.2	.11	.40	.12	57	.75	.050	10.2	26.6	.58	325.6	.086	1	1.56	.019	.11	<2	3.9	.07	.03	23	.2	.03	4.7	15								
X01020	.57	15.47	7.48	46.1	11	14.7	8.7	235	2.34	5.4	.6	1.0	3.0	28.9	.05	.32	.13	60	.43	.039	10.4	26.4	.52	235.8	.097	<1	1.61	.012	.06	<2	3.1	.07	<.01	18	.1	.03	4.7	15								
X01021	.62	25.63	9.07	63.4	53	17.4	9.8	247	2.55	4.6	.8	1.8	5.0	44.6	.13	.39	.18	59	.63	.039	16.1	29.4	.77	310.1	.117	<1	1.78	.015	.20	<2	3.7	.09	.03	27	.2	.02	5.7	15								
X01022	3.23	16.44	19.67	51.2	23	16.7	7.5	242	2.77	28	2	1.0	1.4	11.1	17.0	.19	.52	.45	39	.17	.021	68.2	19.2	.42	170.4	.009	<1	1.87	.006	.12	<2	1.5	.10	.01	16	<.1	.03	5.6	15							
RE X01019	.61	22.26	7.35	57.3	61	17	0	8.6	343	2.52	5	1	7	4.2	2.8	52.8	.11	.43	.12	60	.79	.056	10.9	27.5	.60	340.1	.094	1	1.66	.023	.12	<2	3.9	.08	.02	30	.3	.03	4.9	15						
X01507	.91	30.40	15.23	61.3	111	23	5	14.3	545	3.68	7.8	1.0	3.5	4.0	49	1	.07	.33	.17	100	.52	.024	19.0	34.0	1.16	376.8	.138	1	2.03	.015	.25	<2	6.1	.13	.03	32	.1	.02	7.2	15						
X01508	.88	26.07	7.95	63.2	49	17	5	9.4	373	2.63	4.8	.7	1.5	4	1	55	4	.11	.35	.16	58	.68	.050	15	5	31.3	.87	318.2	.109	<1	1.76	.016	.22	<2	3.5	.11	.05	33	.2	.03	5.7	15				
X01509	.77	27.09	18.33	63.4	66	20.3	11.8	428	2.89	4.3	1.2	2.5	6.3	60	8	.14	.36	.27	72	.70	.053	21.8	36.0	1.15	398.8	.137	1	2.08	.016	.45	<2	5.2	.13	.05	30	.2	.03	7.3	15							
X01510	.87	18.52	12.06	49.1	37	17.1	11.1	349	3.00	6.4	1.0	1.3	4.4	39.2	.05	.30	.20	72	.54	.025	14.0	31.4	.76	411.5	.123	1	2.01	.012	.18	<2	4.0	.08	.03	21	<.1	.02	6.6	15								
X01511	.82	26.34	10.68	55.6	66	20.3	9.9	320	2.92	6	2	.8	4.1	4.7	41	4	.05	.38	.19	70	.61	.045	16.3	34.2	.83	434.0	.137	1	2.20	.015	.18	<2	4.8	.10	.03	38	.1	.05	6.8	15						
X01512	.56	17.37	4.01	16.1	46	5.4	1.9	46	.89	2.4	.2	.7	<.1	5.6	.11	.20	.11	30	.05	.024	4.3	9.4	.03	77.5	.016	<1	.43	.013	.03	<2	.3	.07	.01	18	.2	<.02	3.2	15								
X01513	4.04	22.23	10.62	34.2	61	7.9	2.6	112	1.74	40	0	.6	1.5	1.0	9.4	.11	.94	.23	71	.03	.027	10.1	10	4	.05	35.3	.054	<1	.53	.007	.03	<2	.6	.08	.02	24	.3	.05	5.3	15						
X01514	1.74	19.31	9.51	35.6	57	14.8	6.3	215	2.06	29.7	.7	1.7	.9	17.8	.11	.66	.20	53	.13	.037	17.9	21.6	.26	182.5	.053	1	1.15	.009	.07	<2	1.4	.09	.07	24	.2	.04	6.3	15								
X01515	1.17	20.14	8.25	40.3	31	13.6	5.6	172	1.73	14	4	.6	3	1.8	13.4	.14	.42	.15	43	.13	.026	14.8	20.9	.36	156.3	.048	1	1.29	.012	.05	<2	2.1	.08	.01	26	.2	.04	5.1	15							
X01516	.94	18.93	6.89	53.1	256	14	6	5.4	158	1.87	11.3	.4	.9	2.0	14	2	.14	.57	.14	49	.12	.022	11.4	21.0	.43	99.7	.064	<1	1.01	.010	.07	<2	1.7	.09	.04	28	.2	.03	4.7	15						
X01517	1.18	6.99	8.01	29.9	78	5.4	2.5	160	1.22	24.4	.2	.6	1.4	12.7	.08	.33	.18	52	.14	.023	9.0	13.6	.16	125.6	.049	1	.69	.006	.06	<2	1.3	.09	.02	16	.1	.04	5.7	15								
X01518	1.36	10.88	10.70	37.1	18	10.0	5	0	198	3.30	8	2	.2	1.3	1.5	8.4	.09	.42	.19	128	.09	.044	6	8	44.8	.45	68.8	.123	<1	1.38	.006	.07	<2	1.9	.10	.02	19	.1	.04	10.0	15					
X01519	.58	7.18	5.41	20.8	23	4.0	2.0	57	.92	3	4	.2	2.0	.1	7.0	.09	.21	.13	41	.05	.022	4.2	9.6	.07	34.9	.055	1	.38	.011	.03	<2	.6	.06	.06	25	.2	.04	5.1	15							
X01520	.63	14.88	8.48	32.1	79	9.9	5	4	124	1.47	3.9	.5	.7	.3	17.1	.07	.19	.16	46	.16	.030	6.5	35.8	.34	221.5	.062	<1	.85	.009	.09	<2	1.5	.09	.08	29	.3	.03	4.7	15							
STANDARD	9.26	125.07	34.72	155	9	266	36.9	12.2	808	3.15	29	1	5	22.0	3.9	26.2	5	43	5	30	5	48	76	.51	.085	16.8	183.8	.59	154.3	.088	1	1.69	.026	.16	4	1	2	7	1	.07	.05	224	1.1	1.13	6.3	15

Standard is STANDARD DS3.

GROUP 1F15 - 15.00 GM SAMPLE, 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: SOIL S230 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 2 2001 DATE REPORT MAILED: *Aug 15/01* SIGNED BY: *C. Leong* TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

SOILS FAST 2001

GEOCHEMICAL ANALYSIS CERTIFICATE

Glynn, Michael File # A102545
Box 5745, Whitehorse YT Y1A 5L5 Submitted by: Michael Glynn



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Tl	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Sample	
	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	gm	
S01001	.37	8.87	7.46	33.4	62	8.8	3.8	102	.95	3.0	.6	54	7	1.6	10.7	.09	.35	.12	19	.16	.064	18.2	13.6	.19	172.6	.009	1	.65	.002	.03	1.3	.7	.05	.01	41	.1	<.02	2.0	15
S01007	.52	18.09	7.13	55.5	79	14.5	9.2	381	1.77	4.7	.9	13.2	2.5	25.0	.26	.22	.11	50	.40	.064	15.8	30.5	.49	199.2	.060	1	1.27	.009	.05	.3	2.4	.05	.02	44	<.1	.02	4.0	15	
S01009	.40	15.07	5.19	51.7	71	11.6	6.9	267	1.78	2.5	.4	2.7	1.4	23.9	.09	.18	.07	53	.35	.054	8.5	27.6	.58	217.2	.080	1	1.40	.010	.08	<.2	2.7	.06	.03	26	<.1	<.02	5.1	15	
S01016	.37	15.01	7.08	50.6	51	13.4	7.4	340	1.74	6.1	1.1	3.8	2.8	40.0	.13	.28	.09	45	.48	.076	14.5	25.4	.47	181.9	.075	1	1.14	.014	.06	.3	2.2	.05	.01	28	<.1	.02	3.5	15	
S01017	.47	20.67	5.77	48.2	40	11.6	7.0	280	1.96	2.6	1.1	2.1	2.6	142.6	.07	.27	.08	46	.52	.024	12.6	22.6	.64	318.4	.068	1	1.38	.020	.15	<.2	3.2	.06	.02	14	<.1	.02	4.5	15	
S01023	.65	10.13	7.96	44.7	52	11.2	6.4	255	1.58	7.5	.5	2.8	1.9	19.8	.10	.25	.11	46	.28	.046	11.9	24.9	.41	203.5	.054	1	1.08	.007	.05	.3	1.6	.05	.02	23	.1	.02	3.6	15	
S01024	.41	16.57	8.47	51.5	167	13.8	5.7	187	1.50	9.4	.8	9.1	2.9	23.3	.17	.37	.10	43	.33	.060	16.7	24.8	.42	263.1	.068	1	1.15	.010	.07	<.2	2.3	.06	<.01	29	.1	.02	3.6	15	
RE S01024	.43	15.78	7.97	50.2	148	13.3	5.4	189	1.53	9.1	.8	1.4	2.8	22.8	.16	.37	.09	44	.34	.056	16.2	23.3	.43	271.8	.071	<1	1.18	.011	.07	<.2	2.1	.06	.01	32	<.1	<.02	3.6	15	
S01025	.28	13.39	5.78	42.3	47	12.6	6.2	224	1.54	4.8	.7	10.0	2.5	32.7	.09	.27	.08	43	.45	.062	11.9	23.0	.40	194.2	.080	1	1.10	.018	.05	.2	2.0	.03	<.01	23	<.1	<.02	3.2	15	
S01501	1.46	40.86	10.74	72.6	108	22.5	15.7	374	3.19	17.1	1.1	3.9	3.6	30.7	.22	.38	.14	80	.62	.057	18.4	54.9	1.02	293.4	.037	1	2.16	.010	.05	<.2	5.7	.08	.04	34	.2	.03	7.1	15	
S01503	.42	14.89	7.24	48.4	47	14.0	7.3	277	1.82	5.4	.5	4.2	2.3	29.2	.10	.34	.10	50	.41	.066	12.0	25.7	.43	213.8	.076	1	1.23	.015	.05	.3	2.1	.04	.02	44	<.1	.02	3.6	15	
S01504	.48	12.64	8.81	47.4	47	12.4	7.0	290	1.72	6.4	.6	1.5	2.9	26.1	.12	.29	.10	44	.39	.059	15.2	23.9	.41	205.8	.070	1	1.18	.012	.06	<.2	1.9	.05	.01	19	<.1	<.02	3.5	15	
S01505	.57	15.70	15.67	51.4	66	13.0	6.8	236	1.84	5.9	1.0	3.2	3.9	22.0	.10	.29	.15	43	.27	.059	19.5	25.6	.33	176.5	.084	<1	1.36	.012	.07	<.2	2.2	.06	.01	25	<.1	.03	4.6	15	
S01506	.48	14.42	7.35	57.1	52	14.2	7.5	358	1.70	4.5	.6	.7	2.3	33.7	.19	.20	.09	45	.53	.061	14.1	26.4	.57	269.8	.068	1	1.21	.017	.07	<.2	2.2	.05	.02	19	.1	<.02	3.6	15	
S01521	.43	17.85	6.37	49.7	62	14.5	7.8	333	1.69	6.2	.7	5.3	2.6	29.4	.14	.32	.10	45	.46	.066	13.6	25.3	.45	233.1	.070	1	1.18	.016	.06	<.2	2.1	.05	.02	19	<.1	<.02	3.5	15	
S01522	.47	13.14	6.60	46.2	54	12.3	7.0	287	1.57	9.1	.8	2.9	2.6	28.9	.12	.29	.10	42	.35	.052	13.4	23.6	.43	209.7	.072	1	1.13	.010	.06	<.2	1.9	.05	<.01	14	<.1	<.02	3.3	15	
STANDARD DS3	9.62	129.60	35.07	160.8	279	36.2	13.4	863	3.11	31.2	6.8	18.9	4.0	28.9	5.88	5.51	5.95	80	.55	.100	20.7	205.4	.62	150.4	.094	1	1.78	.027	.17	4.5	2.8	1.01	.04	228	.9	1.10	6.6	15	

GROUP 1F15 - 15.00 GM SAMPLE, 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: SILT S230 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 2 2001 DATE REPORT MAILED: Aug 16/01 SIGNED BY: C. Leong D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

STREAM SEDS - FAST 2001

GRASSROOTS PROSPECTING TARGET #3

TARGET NAME: 2 PAY

LOCATION: NTS 116 C 02 Moose Creek area. North of the Top of the World Highway. West of Brown's Creek.

ACCESS: Upper Moose Creek is seasonally accessible via seven kilometers of 4x4 road that leaves the top of the World Highway 3.5 kilometers east of the Yukon/Alaska International Boundary. Total road travel from Dawson City is 120 kilometers. Recent placer mining activities provide 4x4 ATV travel over sections of Moose Creek for approximately nine kilometers to the north.

TOPOGRAPHY AND VEGETATION: Elevations in the target area range from 4100 feet to 1800 feet. Slopes adjacent to the creeks are typically steep and support stands of spruce, alder, poplar and willows. Tree line occurs at approximately 3500 feet. Discontinuous permafrost is common through out the target area however many portions of the west and south facing slopes are frost-free. All but the upper most portions of Moose Creek have recently been placer mined, thus providing excellent bed- rock exposures along the creek valley. Out crops in the forested slopes are rare however At many locations shallow hand pits exposed talus and float rocks indicative of the slope's geology.

REGIONAL GEOLOGY: Mid Permian aged chloritic schists and quartz muscovite, commonly referred to as Klondike Schist, are the dominant rock types along Moose Creek. This unit dips 20 to 28 degrees to the northwest and is thrust over graphitic quartzite and carbonaceous schist, of the Devonian/Mississippian Nasina Assemblage.

2001 GRASS ROOTS PROSPECTING PROGRAM

The focus of this exploration program was to locate, investigate and sample the thrust-faulted contact between the Klondike schist and Nasina assemblage units.

Michael Glynn (the author) and Michel Vincent (Prospector) spent four days on the project during the period August 22 to 25, 2001. One stream sediment and three rock samples were collected during prospecting traverses.

All samples collected were submitted for trace geochem analyses to Acme Analytical Laboratories of Vancouver BC. 15-gram portions of the pulps prepared from the samples were analyzed for 37 elements by ICP/ES + MS. Analyses of stream sediment and soil samples was from the minus 230 Tyler mesh fraction. Rock sample analyses were from the minus 150 Tyler mesh fraction.

The stream sediments sample sites were selected from locations of low energy stream flow, rich in constantly depositing stream silts. Stream sediment samples from the smaller tributaries and pups were collected at elevations at least one hundred feet above the main creeks. At all sample sites, approximately one kilogram of appropriate materials were collected from numerous locations along 15-20 meters of creek flow and placed in

heavy gauge plastic bags. All of the sample sites are well flagged and marked with the corresponding sample number.

At rock sample sites, a portion of the sampled material was wrapped with flagging, marked with the sample number, and left at the location. Where possible, flagging was also tied to trees and/or rocks at the sample sites.

CONCLUSIONS: Placer mining activities along Moose Creek have disturbed the streambed in such a fashion that representative sediment samples were not possible.

Argillic alteration peripheral to regional thrusting was located and sampled (R01030) This sample returned elevated levels of lead (24.0 ppm) uranium (19.3 ppm) and thorium (11.9ppm) All other elements analyzed were present only at back ground values.

Stream sediment sample S01033 returned anomalous mercury (60 ppm) and elevated levels of arsenic (6.0 ppm) Placer gold concentrations of three to five large colors per pan were obtained approximately 250 meters down stream of this sample site. The head of this stream lies five kilometers west of the "Impaired" Showing (Minfile occurrence 116 C 161) Gold values of one gram/tonne occur in sheared Nasina Series quartzite and interbanded carbonaceous schist (D.A. Downing 1993 Assessment Report # 093128)

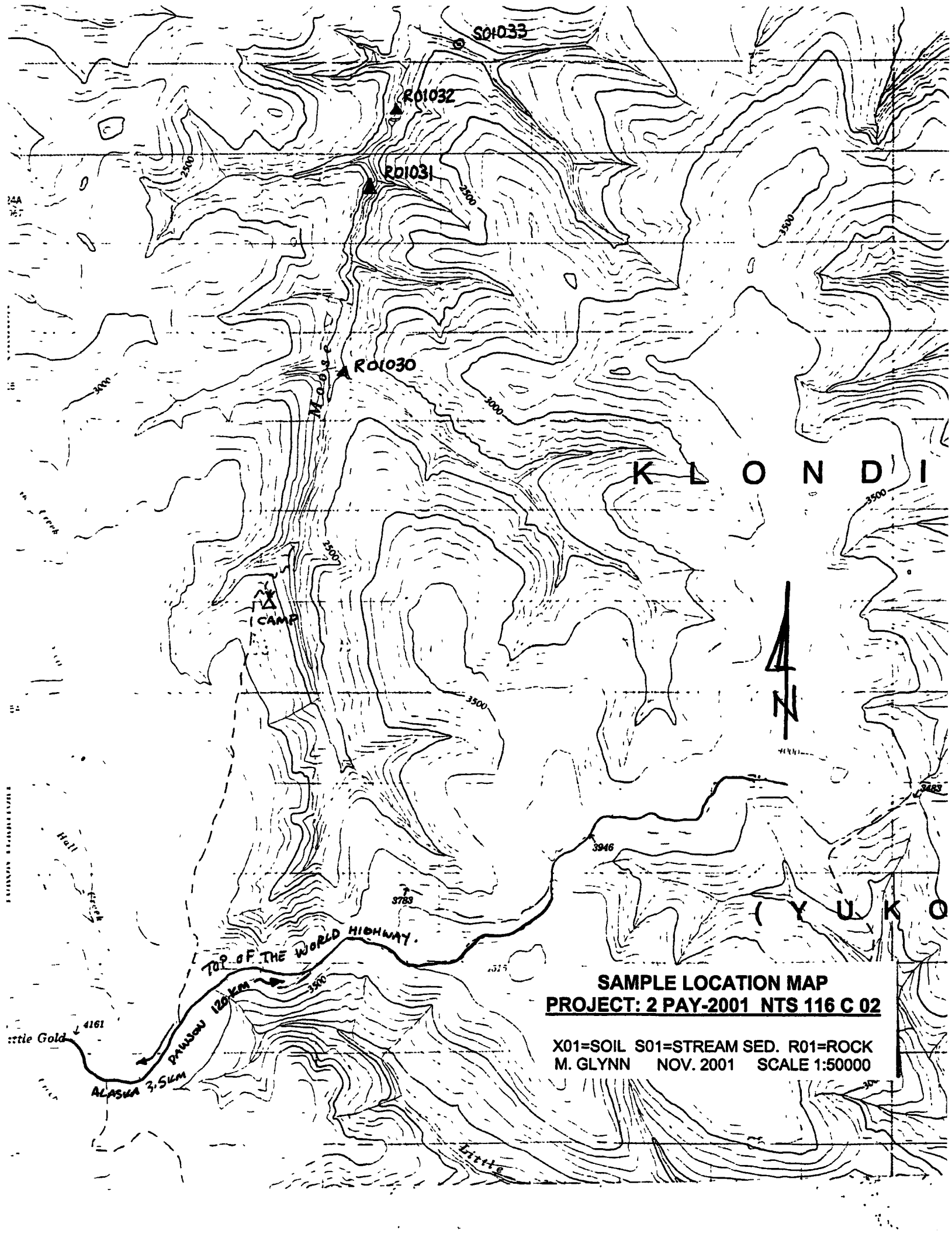
Similar gold mineralization may be hosted west of the Impaired Showing, along the regional thrust or within related shears.

RECOMMENDATIONS: Future work in the target area should be conducted east of Moose Creek, upstream from anomalous stream sediment sample S01033 to locate the sources of placer gold and pathfinder elements identified during this reconnaissance exploration project.

2 PAY PROJECT

ROCK SAMPLE DESCRIPTIONS

- | | |
|--------|--|
| R01030 | Grab from excavator pit, argillic materials red white, grey and green staining. Remnant quartz breccia clasts and veins. |
| R01031 | In situ 60 cm chip across discordant quartz vein in intensely foliated quartz muscovite schist. Graphitic zones, limonitic. |
| R01032 | Grab placer tailings 50% dark purple quartzite- 50% discordant quartz vein containing calcite, pyrite and angular quartz clasts to 2 cm. |



S01033

R01032

R01031

R01030

K L O N D I

CAMP



(Y U K O

SAMPLE LOCATION MAP
PROJECT: 2 PAY-2001 NTS 116 C 02

X01=SOIL S01=STREAM SED. R01=ROCK
M. GLYNN NOV. 2001 SCALE 1:50000

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767

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Little Gold 4161

ALASKA 3,514M

TOP OF THE WORLD HIGHWAY

PAVISON 120 KM

3783

3946

3483

Little

GEOCHEMICAL ANALYSIS CERTIFICATE

Glynn, Michael File # A103949
Box 360, Whitehorse YT Y0B 1G0 Submitted by: Michael Glynn



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm
SI	.4	.7	.4	1	<.1	.7	.1	4	.03	.3	<1	<5	<.1	3	<.1	<.1	<.1	<1	.12	<.001	<1	3.8	<.01	3	.001	2	.01	.631	.01	<.1	<.01	<.1	<.1	<.02	<1
R01030	6	13.1	24.0	43	.1	3.4	.5	267	.50	.7	19.3	.7	11.9	132	.1	<.1	.2	<1	1.75	.002	28	29.4	.33	115	<.001	<1	.64	.010	.25	.2	.01	1.3	.1	.09	2
R01031	9.3	59.6	4.5	219	5	42.3	5.9	268	1.77	4.8	3.3	<.5	1.5	151	3.6	.5	.1	81	7.34	.077	2	42.6	.67	41	.002	<1	.43	.007	.06	.4	.13	2.0	1	1.20	1
R01032	.5	2.8	6.9	56	.1	9.6	11.9	1627	3.45	2.3	5	1.1	1.7	250	1	.5	<.1	56	14.10	.030	16	7.0	2.33	130	.006	<1	.34	.012	.07	<1	.02	3.3	<.1	.09	1
R01034	3.7	9.2	8.9	71	<1	14.1	3.4	751	2.53	13.9	.9	<.5	7.1	8	2	.2	<.1	35	.36	.015	23	35.3	.06	106	.007	<1	.47	.007	.05	.3	.09	4.6	.1	.02	1
R01059	2.1	24.0	3.2	50	.1	18.9	9.5	1095	2.17	26.3	1.3	5	.4	317	1.0	.6	<.1	54	24.20	.072	7	13.0	.45	739	.005	<1	.24	.004	.02	1	.14	2.4	.1	.03	1
R01066	14.4	168.3	55.3	207	2	157.9	8.6	217	2.60	24.2	4.3	7.5	2.1	44	3	.5	4	232	1.22	.493	25	123.5	.05	142	.011	<1	.65	.006	.10	.8	.01	2.2	<1	.02	1
R01067	9.1	35.6	10.8	60	4	119.5	5.2	259	1.78	42.2	2.8	<.5	2.1	49	.7	.2	1.3	262	1.76	.742	11	130.5	.04	386	.013	1	.62	.008	.21	1.4	.01	1.6	<1	<.02	2
R01068	9.9	147.7	271.1	21	24.2	10.1	12.8	290	2.48	8.1	1.1	1295.5	1.4	2	.3	.3	74.8	8	.03	.011	6	92.3	.02	74	.006	<1	.31	.006	.06	1.8	.02	.8	<1	.04	1
R01083	20.2	59.7	39.5	409	.4	75.9	7.7	1679	2.27	58.4	2.2	7.4	2.7	26	3.9	.3	.6	173	.60	.238	20	112.4	.05	352	.008	2	.51	.007	.12	1.2	.02	1.9	<1	<.02	2
RE R01083	18.6	57.6	37.6	393	.4	72.6	7.9	1575	2.24	55.9	2.0	6.9	2.6	26	3.6	.3	.5	168	.56	.225	19	107.0	.05	331	.007	<1	.50	.005	.11	1.1	.03	1.8	<1	<.02	2
STANDARD DS3	9.4	127.0	34.8	161	.3	36.2	12.8	807	3.21	31.0	5.9	22.7	3.7	25	6.1	3.5	5.5	78	.59	.085	18	183.9	.57	141	.095	<1	1.80	.029	.16	3.1	.26	2.4	1.0	.03	5

GROUP 1DX - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: ROCK R150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 7 2001 DATE REPORT MAILED: Nov 19/01 SIGNED BY: C. Leong. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

ROCKS 2-PAY



GEOCHEMICAL ANALYSIS CERTIFICATE



Glynn, Michael File # A103947
Box 360, Whitehorse YT Y0B 1G0 Submitted by: Michael Glynn

Table with columns: SAMPLE#, Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, U, Au, Th, Sr, Cd, Sb, Bi, V, Ca, P, La, Cr, Mg, Ba, Ti, B, Al, Na, K, W, Sc, Tl, S, Hg, Se, Te, Ga, Sample gm. Rows include sample numbers 01033, 01035, 01036, 01037, 01038, 01039, 01040, 01058, 01078, 01080, 01081, 01082, and STANDARD DS3.

GROUP 1F15 - 15.00 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: SILT S230 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 7 2001 DATE REPORT MAILED: Nov 18/01 SIGNED BY: [Signature] D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

STREAM SED Z-PAY