

**YEIP
2001-
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2001**

YMIP PROJECT 00-072

**MARTEN CREEK AREA
HARDROCK PROSPECTING**

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YUKON MINING INCENTIVES PROGRAM

YMIP PROJECT 00-072

**MARTEN CREEK AREA
HARDROCK PROSPECTING**

OCTOBER 11, 2000 - JANUARY 30, 2001

TRANSVERSE MERCATOR PROJECTION CO-ORDINATES

latitude 64° 22' - longitude 140° 49'

PLACER CLAIM SHEET 116C-7

**Leslie Chapman
Box 460, Dawson City
Yukon, Y0B-1G0**

**YUKON ENERGY, MINES
& RESOURCES LIBRARY
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Table of Contents

1. Introduction	1
2. Deposit Type and Geology	1
3. Summary of Previous Relevant Investigations	2
4. Equipment Used	3
5. Description of Work Performed and Results Obtained	3
6. Recommendations	5
Table 1 - Sample Location Co-ordinates	6
Map 1 - Property Location	7
Map 2 - Aerial Photo of Marten/Sparks Creek Area	8
Map 3 - Topographic Map	9
Map 4 - Sample Locations	10
Map 5 - Sample Locations	11
Additional Information	
Appendix 1 - Assay Certificates	
Appendix 2 - Prospecting Diary	

1. Introduction: The purpose of this prospecting project was to examine Marten Creek/Sparks Creek drainage area for lode gold occurrence. Marten Creek is a left limit tributary of the Fortymile River located approximately 20 km upstream of its confluence with the Yukon River. Sparks Creek empties into the Fortymile River approximately 3 km upstream of Marten Creek, on the left limit.

There is good road access into the lower reach of Marten Creek from Dawson City via the Top of the World Highway, the Clinton Creek Highway, and the Fortymile access road. There is a heavy equipment access trail on Marten Creek extending approximately 2 km upstream from the mouth of the creek. There is a placer mine access road from Marten Creek to within approximately 1 km of the mouth of Sparks Creek. I performed most of my prospecting work in the late fall and early winter period. This allowed me to take advantage of the ice on Marten Creek, Sparks Creek, and their various tributaries for travel by snowmobile and by walking in the frozen creekbed.

2. Deposit Type and Geology:

Marten Creek has a steep walled valley with many sheer rock cliffs. Most of the outcrops are of a foliated schist. Small quartz veins and stringers are common throughout the valley.

The Marten Creek/Sparks Creek area is part of the Fortymile mining district which encompasses the drainage of the Fortymile River. This geographical area straddles the Alaska-Yukon border, with approximately 85% of the drainage located in Alaska. The Fortymile has gained notoriety as a prolific placer producing area, yielding approximately ½ million ounces of free gold since its discovery in 1886. Despite the extensive placer production, there has been very little hardrock mining in the district.

The Fortymile region is part of a larger area referred to as the Yukon-Tanana upland in Alaska. In Canada, the area is called the Yukon Crystalline Terrane (Templeman-Kluit 1976). "It is primarily a terrane of quartzitic, pelitic, calcic, and mafic-metasedimentary rocks that have been extensively intruded by Mesozoic and Cenozoic granitic rocks and minor amounts of intermediate and mafic rocks." (USGS Open File Report 92-213). "The subterranean that includes most of the rocks in the Fortymile region consists primarily of quartz biotite gneiss, marble, schist, quartzite, and amphibolite metamorphosed to amphibolite and epidote-amphibolite facies, and intruded by dikes and plutonic rocks. Tertiary (?) to Palaeozoic (?) igneous rocks intrude older metamorphic rocks. Small areas of Tertiary sedimentary and volcanic rocks overlie older igneous and metamorphic rocks." (USGS Bulletin 2125, 1996, synthesising material from various USGS publications).

"Geological maps of the Eagle quadrangle (Foster, 1976) and of the eastern Yukon-Tanana region (Foster, 1992) clearly show the prevalence and almost unique occurrence of one geologic unit mapped in this area. It is readily identified on the geologic map of east-central Alaska by being almost completely encircled by thrust faults. Herein, it is called the gneiss, schist, amphibolite, and marble unit. The spatial association of this mapped unit with the occurrence of placer gold-rich creeks and rivers seems too precise to be attributed to chance. Therefore, I propose that the presence of this unit in the Fortymile River area is somehow linked to the occurrence of lode gold in the area. One theory is that this unit includes rock types containing gold that eventually, through remobilization, became concentrated in quartz veins. Another theory is that this unit provided a structural environment conducive to emplacement of gold-rich plutonic rocks, which gave rise to

gold-rich quartz veins." (USGS Bulletin 2125, 1996)

The mesothermal quartz vein or lode vein type gold deposit model describes a gold deposit with gold in persistent quartz veins in regionally metamorphosed volcanic rock. This type of gold deposit is associated with oceanic metasediments; quartz chips and free are often found in the soil. I believe that the Marten Creek/Sparks Creek area may be a deposit of this type for the following reasons:

- Marten Creek is known as a producer of coarse placer gold. It is generally accepted that coarse gold does not travel far in the placer environment. Previous placer mining work in Marten Creek has produced gold with pieces of placer gold with quartz adhering to them.
- The Fortymile River valley has been described as an old ocean floor.
- Soil samples taken in Marten Creek and in Sparks Creek indicated significant anomalies of gold. I believe that these gold showings may have been from gold associated with quartz chips in the soil, or possibly free gold particles in the soil.



Marten Creek was known as a coarse gold producer in the old days. It was called Log Cabin Creek because there were so many miners' log cabins on it, like the remains of this old cabin which is approximately 3 miles up the creek from its mouth.

3. Summary of Previous Relevant

Investigations: In 1999 I took soil samples from Marten and Sparks Creeks which exhibited elevated levels of gold, platinum and palladium. My prospecting in these areas was based on the idea that areas which have produced coarse placer gold with quartz embedded in it, are good targets for hardrock prospecting because it is unlikely that coarse gold nuggets of this type have travelled far from their origin.

The best assay result from soil samples taken from Marten Creek showed 43,572 ppb of gold; all five of the soil samples which I had assayed from in Marten Creek showed significantly elevated gold presence. My only soil sample from Sparks Creek returned a value of 3,212 ppb of gold.

I was particularly interested in the platinum showings which I found in my 1999 prospecting in this area. The best assay results for platinum from a soil sample was 367 ppb of platinum; the same samples also showed 31 ppb of palladium. A hardrock sample from Marten Creek assayed 8 ppb of palladium.

Fortymile Placers, of which I am a partner, ran a bulk sample of a placer gravel deposit in 1992 from an area in Marten Creek in the vicinity of the area where I obtained the best soil samples in 1999. This placer bulk sample contained a high proportion of coarse gold adhering to pieces of quartz. I think that the source of the placer gold must be close to the area in which it was found because the gold/quartz pieces could not have remained intact if they had travelled far.

In 1996 Fortymile Placers dredged a river bar which fronts a very small tributary of the Fortymile River approximately 1 km upstream of Marten Creek. This small pup is located between Marten and Sparks Creek and drains from the same area as do the two larger creeks. Dredging this bar produced an unusually high proportion of coarse gold, much of which had quartz adhering to it. Again, this gold could not have travelled far from its source.

Because I obtained good values from assays from soil samples from both Marten and Sparks Creeks, I theorized that the source of the gold/platinum may be the divide between Marten Creek and Sparks Creek. The two occurrences of coarse gold with quartz from placer deposits in areas which drain from this divide, support my theory that there is a listwanite-type gold/platinum deposit in the area.

4. Equipment Used

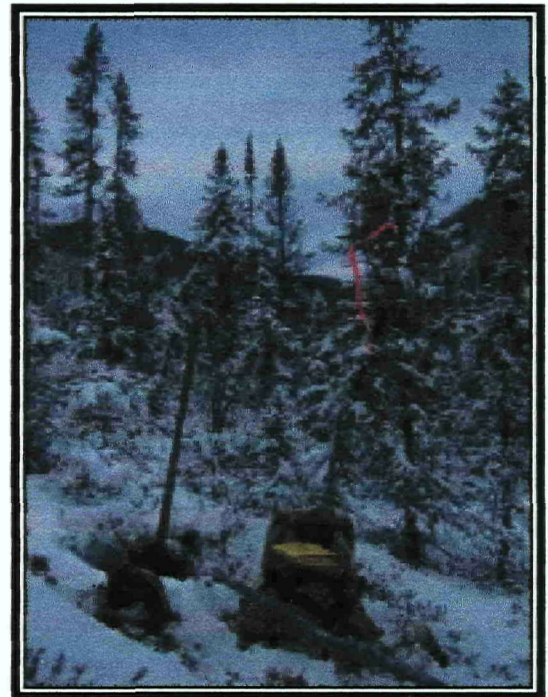
I used the following equipment to carry out my prospecting work:

- 4x4 truck and 4x4 ATV,
- snowmachines with sled,
- rock hammer, trowel, round point shovel, 6' long chisel-nosed iron bar,
- chainsaw,
- GPS unit,
- field book, maps, flagging, sample bags etc.

5. Description of Work Performed and Results Obtained:

I concentrated first on closely spaced soil sampling in the area where I had obtained a good platinum assay, 367 ppb, last year. I took soil samples spaced at approximately 50 m intervals along a line extending both upstream and downstream from last season's best sample. I also took a line of samples at 50 m intervals extending up both sides of the valley walls. The right limit was covered by a deep layer of moss, and my samples were taken in the peaty soil underlying the moss layer, approximately 30 cm from the surface. I used a round point shovel to dig small pits into the soil to take my samples. The left limit is steeper and rockier. It consists of a series of schist outcroppings interspersed with slide rock. I was able to take some soil samples from exposed overburden under juniper bushes, although there is not a lot of soil to sample on this rocky hillside. I used a trowel to dig into the hillside to extract soil samples from approximately 20 cm from the surface. I also took some hardrock samples from schist outcroppings on the hillside.

Although I did not get the high levels of platinum which I was expecting in my samples from the immediate area around the good platinum sample from 1999, I did get some good gold values. The



Soil samples taken from under the moss on a north facing slope returned promising gold assays.

best gold assay in this area was from sample M31SS, which returned 2,879 ppb gold. The strongest platinum/palladium showing in this area was from sample M30SS, which had 13 ppb platinum and 12 ppb palladium. Interestingly, all of the samples which I took of the peaty soil from under the moss on the right limit of the creek, showed gold values over 100 ppb, most over 1000 ppb.

I took both soil and hardrock samples along the channel of Marten Creek up to the forks, a distance of approximately 4 miles from the mouth. I sampled the ultramafic host rock as well as some of the numerous quartz stringers which show up in the rock faces of the creek valley. I took soil samples from overburden exposed in creek cut banks and from under the roots of upturned trees. Soil samples from the creek valley up to the forks gave generally good results for gold - the highest assays for gold were 4,583 and 2,992 ppb for samples M07SS and M19SS respectively. Nearer the mouth of



Schist outcrop in Marten Creek valley.

Marten Creek, I took a series of 3 samples from a cut bank along the road which cuts into the hillside approximately 100 m above the valley bottom. These samples returned good gold values as well -the best assay was 33,291 ppb of gold.

There were some showings of platinum and palladium in the Marten Creek valley, including hardrock sample M06HR, which has assay readings of 7 ppb platinum and 11 ppb palladium. A number of the samples indicated a presence of these precious metals, although results were not especially high, for example M07SS had 5 ppb of platinum and 8 ppb of palladium.

I prospected James Creek, a right limit tributary of Marten Creek, taking both soil and hardrock samples from the creek cutbanks and cliff faces. Although James Creek has a narrower creek valley than Marten Creek, it is similar - steep with many schist bluffs. Results from James Creek were encouraging with good gold assays; the best gold assay was from M41SS with 19,773 ppb. There is some indication of other precious metals with M40UM returning 2 ppb of platinum and 7 ppb of palladium.

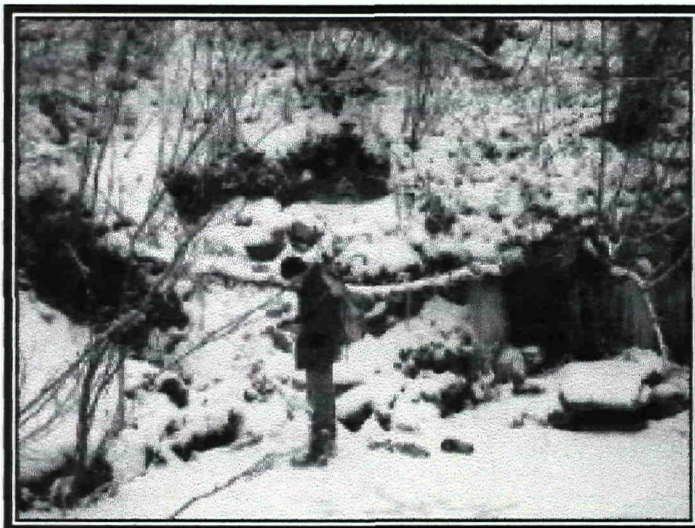
I did some work in Sparks Creek taking soil samples from the creek cut banks. There is not much exposed rock in this creek valley, it has more gentle vegetated slopes, compared to Marten Creek. Sparks Creek drains the same area as the right limit of Marten Creek. The soil sample which I had processed (some others were lost) from Sparks Creek returned 1,215 ppb of gold, and a trace (4 ppb) of palladium.

I also prospected an unnamed left limit tributary of the Fortymile (Bar 5 Creek), upstream of Marten Creek which also drains the same area as the right limit of Marten Creek and Sparks Creek. This short steep tributary is mostly covered in willows and alders, with little exposed rock. There is one rock bluff approximately 30 m from the creek, which is composed of typical

Fortymile schist. A soil sample from Bar 5 Creek returned 15 ppb of palladium and 36 ppb of gold.

Because there was not much snow, I was able to use the ATV to travel up the creek with an assistant for the first 3 days of my field work. Later, we used snowmachines to travel, mostly on the creek ice, using a chainsaw to clear brush from the frozen creek channel, and hauling samples in a sled. Overflow in the creek restricted access to the upper creek for part of the time.

I submitted my soil and hardrock samples to Acme Labs in Vancouver for 30 element ICP assay and for fire assay for platinum, gold and palladium. Assay results are attached in **Appendix 1**. The locations from which I obtained by samples are noted on **Maps 5 and 6**. I have marked the samples which returned greater than 1,000 ppb of gold in red on the maps. Sample locations were logged with a GPS; sample location co-ordinates are noted on **Table 1**. A copy of my diary can be found in **Appendix 2**.



Recording the location of a sample taken in Marten Creek using a GPS unit.

6. Conclusions and Recommendations

Because most of my soil samples had high gold values, I believe that the Marten Creek area hosts a hardrock gold deposit. I suggest that a core group of claims be staked to cover the promising area identified to date. I believe that more detailed exploration work should be carried out to define the limits of the anomalous zone. This initial block of claims could be added to if assay results prove that this would be warranted.

I was disappointed not to get better assay returns for platinum, given the good platinum indication I obtained last year. However, I did get readings which can be considered anomalous in a number of my samples and, therefore, I believe that further, more detailed, prospecting work for platinum group minerals should also be undertaken.

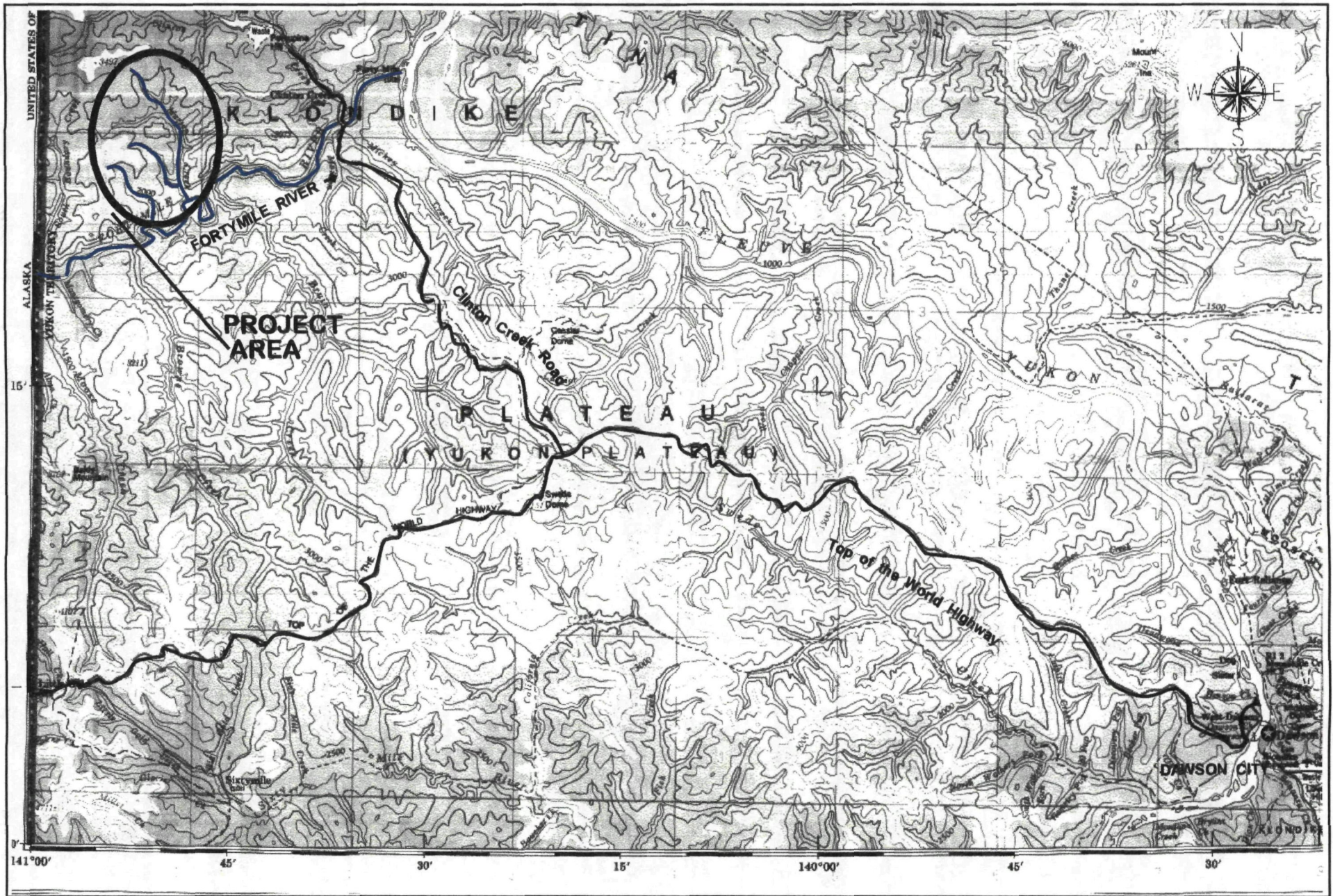
I believe that my project has strongly indicated that this area has very good potential for a hardrock deposit of precious metals, and I intend to follow up on this.

Table 1 - Sample Location Co-ordinates

Sample #	Latitude	Longitude
M01	N64°22 855'	W140°49 062'
M02,03,04	N64°22 712'	W140°49 141'
M05	N64°22 823'	W140°48 889'
M06	N64°22 881'	W140°49 031'
M07	N64°23 010'	W140°49 172'
M08	N64°22 734'	W140°49 180'
M09	N64°21 404'	W140°48 849'
M10	N64°21 151'	W140°48 647'
M11,12	N64°21 355'	W140°48 825'
M14	N64°21 398'	W140°48 825'
M15	N64°21 365'	W140°48 817'
M16	N64°21 375'	W140°48 804'
M17	N64°21 385'	W140°48 801'
M18	N64°21 408'	W140°48 837'
M19	N64°23 957'	W140°50 617'
M20	N64°23 925'	W140°50 478'
M21	N64°23 875'	W140°50 350'
M22	N64°23 771'	W140°49 992'
M23	N64°23 715'	W140°49 876'
M24	N64°23 568'	W140°49 469'
M25	N64°23 454'	W140°49 335'
M26	N64°23 364'	W140°49 284'
M27	N64°23 198'	W140°49 264'
M28	N64°21 405'	W140°48 865'
M29	N64°21 394	W140°48 882

Sample #	Latitude	Longitude
M30	N64°21 386'	W140°48 891'
M31	N64°21 373'	W140°48 917'
M32	N64°21 375'	W140°48 934'
M33	N64°21 417'	W140°48 855'
M34	N64°21 428'	W140°48 829'
M39	N64°21 694'	W140°49 620'
M41	N64°21 699'	W140°49 686'
M42,43	N64°21 700'	W140°49 708'
M44	N64°21 697'	W140°49 782'
M45,46	N64°21 699'	W140°49 799'
M47	N64°21 699'	W140°49 834'
M51	N64°21 679'	W140°49 882'
M52	N64°21 709'	W140°50 021'
M53	N64°21 754'	W140°50 263'
M54	N64°21 481'	W140°49 024'
M56	N64°20 925'	W140°49 642'
M57	N64°20 413'	W140°50 978'

Note GPS coverage was poor in some locations, so co-ordinates were not obtained for every sample

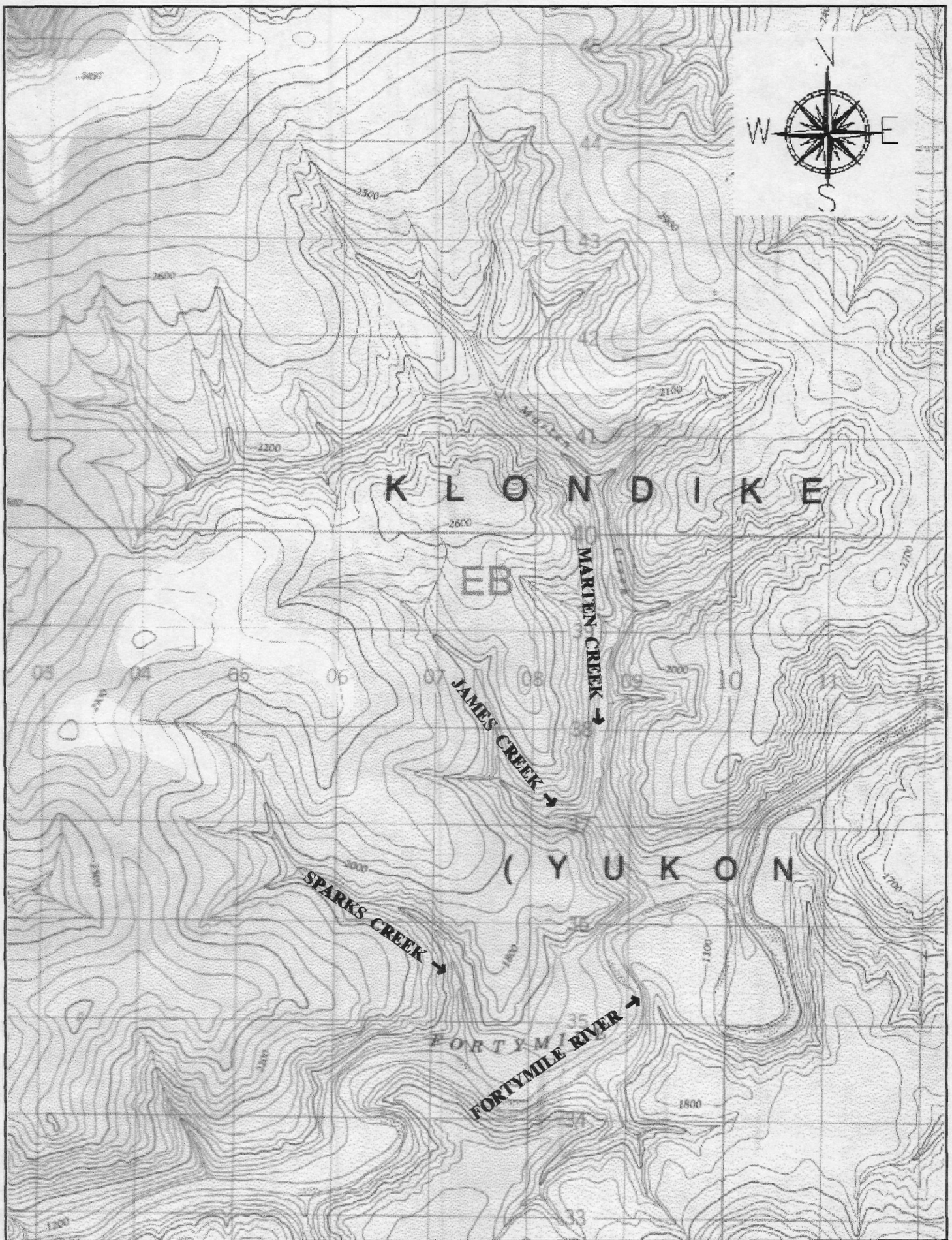


MAP 1 - PROPERTY LOCATION (from "DAWSON" Map Sheet 116B & C)

scale: 1 cm = 4 km (approx) pg 7



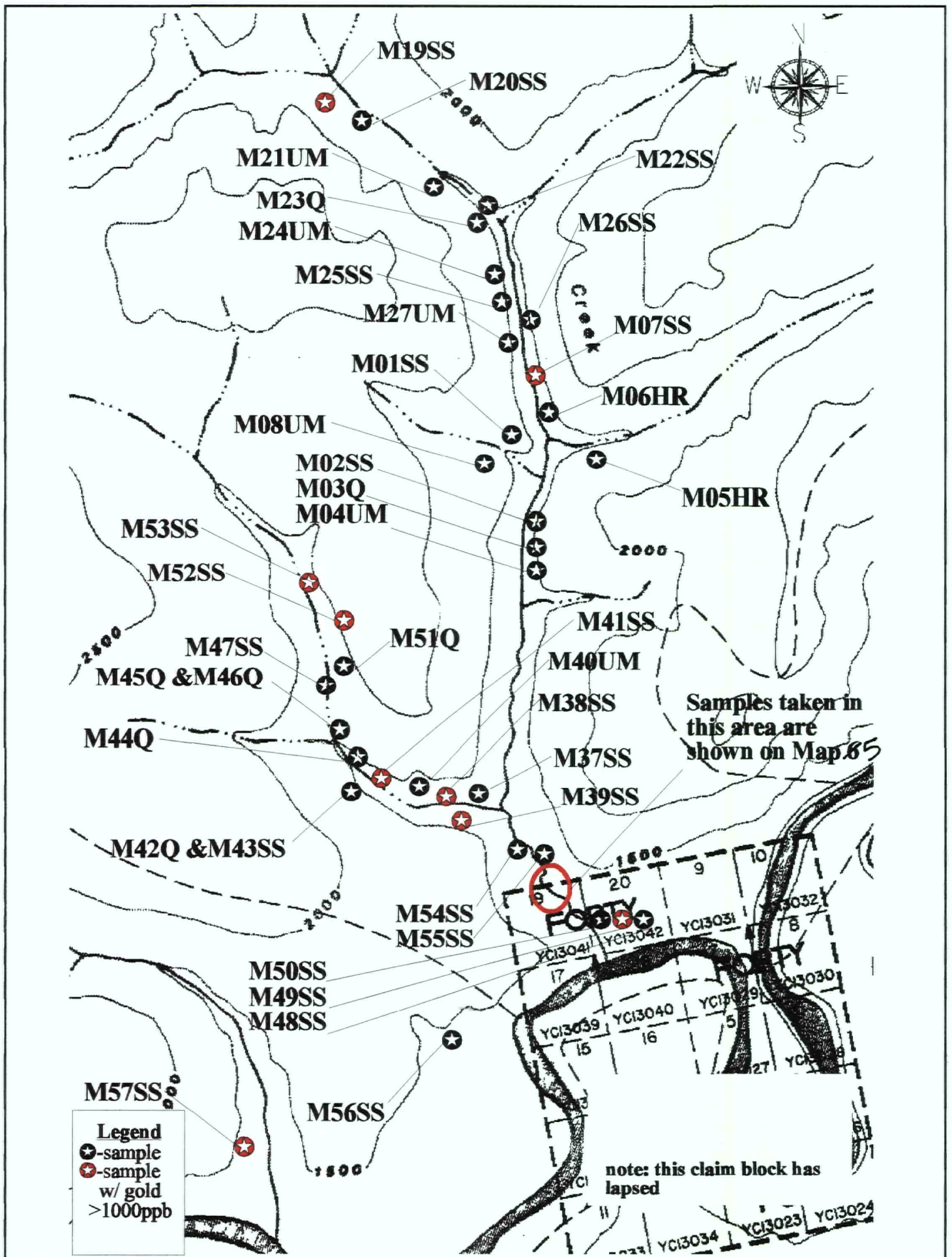
MAP 2 - Aerial Photo of Marten Creek/Sparks Creek Area



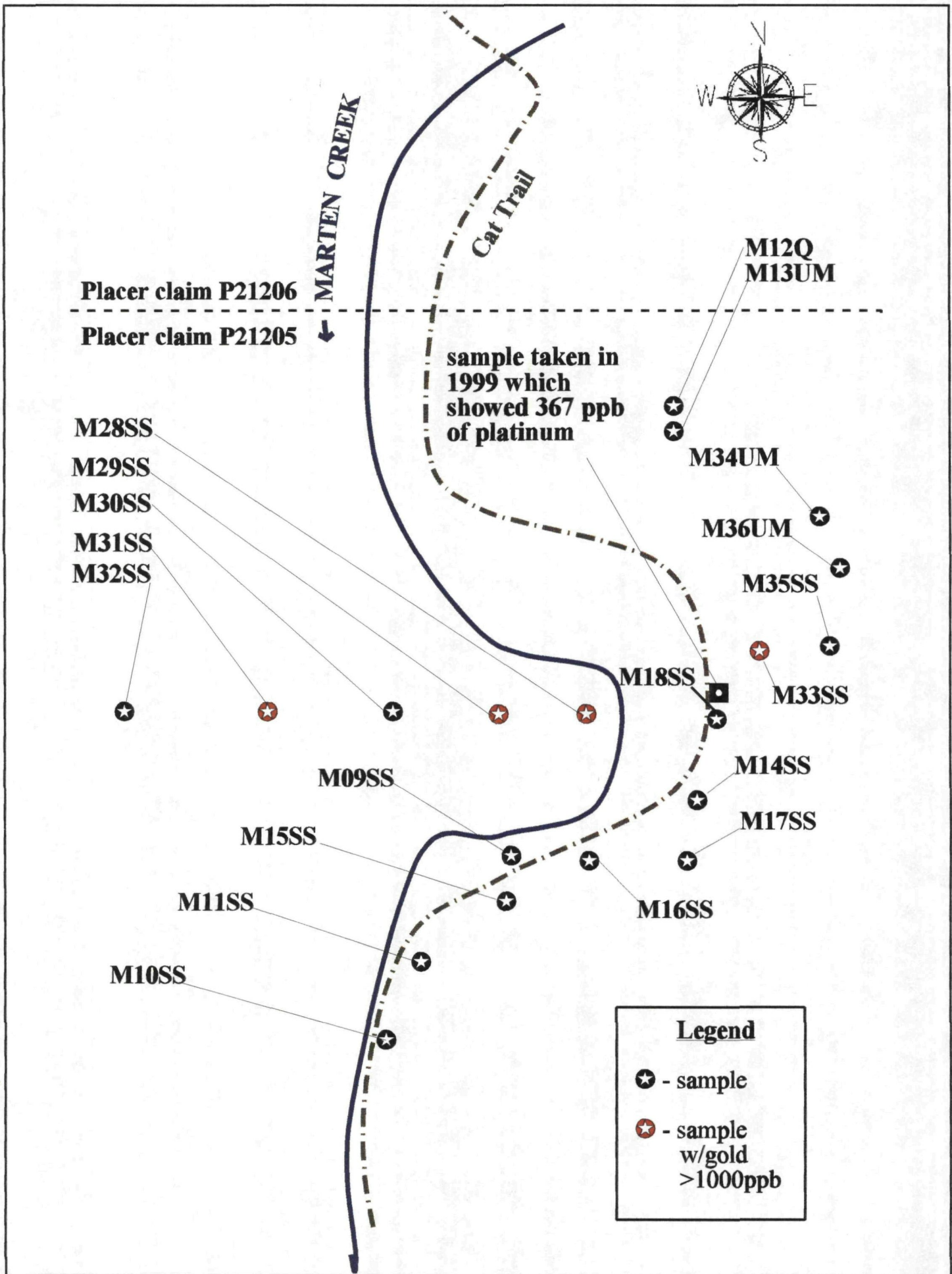
MAP 3 - Topographic Map 116C-7

scale= 1:50,000

pg 9



Map 4 - Sample Locations



Map 5 - Sample Locations

Additional Information

People who worked on the project

Leslie Chapman	Dawson City
Thomas Claxton	Dawson City
William Claxton	Dawson City

Area Investigated

Marten Creek drainage, located on claim sheet 116C-7

Report Preparation

Leslie Chapman prepared the report in 30 manhours

Appendix 1 - Assay Certificates

GEOCHEMICAL ANALYSIS CERTIFICATE

Fortymile Placers File # A004985

Box 460, Dawson City YT Y0B 1G0 Submitted by: LESLIE CHAPMAN



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Tl	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	θ	Al	Na	K	U Au**	Pt**	Pd**			
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	ppm	%	%	%	%	ppm	ppb	ppb	ppb			
M-01-SS	1	59	14	104	.7	56	18	486	3.39	9	<8	<2	5	20	4	<3	4	46	.35	.056	22	44	1	04	998	09	8	1.43	.02	.36	<2	7	<2	<2	
M-02-SS	<1	38	15	60	.3	679	47	513	2.93	10	<8	<2	2	26	<2	<3	<3	38	1	23	.049	7	643	5	00	401	.03	4	1.40	.01	.12	<2	113	4	4
M-07-SS	10	408	12	132	2.4	67	11	214	4.34	18	10	<2	4	72	.9	3	3	58	21	.328	21	42	62	209	.03	<3	2	1.11	.02	.17	<2	4583	5	8	
M-09-SS	1	55	22	127	.6	62	16	586	2.87	10	<8	<2	4	25	5	<3	4	41	.32	.090	17	52	.83	571	.05	3	1.04	.01	.15	4	12	<2	<2		
M-10-SS	2	41	15	111	.3	53	16	585	2.83	13	<8	<2	3	33	<2	<3	<3	49	48	.084	18	53	.82	514	07	4	1.31	.01	.19	<2	7	<2	<2		
M-11-SS	2	131	4	252	<3	136	38	220	5.14	6	<8	<2	8	20	<2	<3	6	95	34	.133	42	45	1.15	494	15	<3	2.22	02	.72	4	19	<2	<2		
M-14-SS	1	135	21	422	4	266	50	1424	6.18	15	<8	<2	2	28	1	2	<3	157	.63	.134	33	230	1.87	1457	07	<3	2.82	01	.61	3	4	<2	<2		
M-15-SS	2	109	10	414	<3	100	43	474	6.24	7	<8	<2	2	42	6	<3	138	.37	.117	9	63	1.27	412	15	<3	2.78	04	.32	2	848	<2	2			
RE M-15-SS	2	118	5	429	<3	104	44	495	6.47	6	<8	<2	2	43	1.1	<3	3	143	.37	.120	10	69	1.34	416	16	<3	2.89	05	.35	<2	513	<2	4		
M-16-SS	1	161	3	497	<3	150	47	618	6.73	10	<8	<2	<2	50	1	9	<3	226	1.13	.189	19	90	1.69	681	01	<3	2.92	02	.17	<2	22	<2	3		
M-17-SS	2	95	13	744	.5	348	62	977	6.14	7	<8	<2	<2	18	1.2	<3	<3	73	.27	.095	23	153	.98	646	06	<3	1.70	01	.29	<2	6	<2	<2		
M-18-SS	2	126	11	393	3	183	49	1513	6.87	7	<8	<2	<2	41	2.4	<3	<3	162	.79	.168	27	110	1.55	1555	09	<3	3.10	01	.67	<2	5	3	2		
M-19-SS	1	92	54	144	7	42	23	663	4.64	50	<8	<2	25	44	6	<3	6	25	.65	.163	100	20	.55	258	01	3	.92	01	.24	5	2992	<2	<2		
M-20-SS	2	76	37	153	4	54	19	605	4.09	26	<8	<2	12	39	<2	<3	4	39	.44	.135	59	30	.54	370	03	<3	.99	01	.20	4	19	<2	4		
M-22-SS	2	71	51	211	3	72	19	785	3.48	14	<8	<2	8	41	6	<3	5	36	.21	.087	38	34	.35	238	01	<3	.77	01	.15	<2	48	<2	<2		
M-25-SS	1	36	29	117	3	47	13	373	2.93	9	<8	<2	6	39	4	<3	3	41	.41	.096	22	50	.80	387	06	<3	1.14	01	.12	<2	7	3	4		
M-26-SS	3	61	7	102	<3	60	18	581	3.24	8	<8	<2	3	19	4	<3	4	62	.21	.097	25	54	.76	495	08	<3	1.40	01	.31	<2	14	<2	<2		
M-28-SS	1	30	18	120	5	68	16	413	2.65	9	<8	<2	2	35	4	<3	4	47	.42	.089	19	61	.77	689	06	4	1.15	.01	.11	5	1296	<2	<2		
M-29-SS	2	32	9	84	4	24	9	208	2.54	7	<8	<2	<2	32	5	<3	<3	50	.31	.089	13	23	.35	442	04	<3	1.14	.01	.08	4	1544	<2	<2		
M-30-SS	2	22	4	60	5	17	6	118	2.01	8	<8	<2	<2	25	2	<3	<3	50	.24	.071	11	22	.34	236	05	5	1.05	.01	.06	<2	253	13	12		
M-31-SS	2	24	11	57	5	17	5	106	2.09	7	<8	<2	<2	22	<2	<3	<3	48	20	.063	10	23	.35	245	05	3	1.00	01	.07	3	2879	<2	<2		
M-32-SS	1	26	5	28	7	12	3	59	1.94	4	<8	<2	<2	19	<2	<3	<3	27	.15	.059	8	17	15	181	03	3	.64	01	.04	2	111	9	4		
M-33-SS	1	147	21	430	3	236	54	1835	4.97	5	<8	<2	2	29	4	<3	4	124	74	.094	37	142	1.66	1034	.06	<3	2.48	.01	.51	4	1248	<2	2		
M-35-SS	<1	184	11	548	3	202	39	1120	5.63	2	<8	<2	<2	33	6	<3	4	105	.62	.150	29	88	1.03	884	.08	<3	2.09	.01	.58	5	34	<2	2		
STANDARD C3/FA-10R	28	66	39	169	5.4	40	14	700	3.50	60	23	3	20	30	23	2	15	26	.57	.097	18	166	.58	154	09	26	1.79	.04	.17	16	471	467	481		
STANDARD G 2	1	4	<3	45	4	10	5	554	2.16	<2	<8	<2	4	77	<2	<3	<3	43	68	.104	8	77	59	231	.14	14	.94	.08	48	2	-	-	-		

GROUP 10 - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 NCL-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, TN, U & B = 2,000 PPM, CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
 - SAMPLE TYPE SOIL SS80 60E AU** PT** PD** GROUP 38 BY FIRE ASSAY & ANALYSIS BY ICP-ES (30 gm)
 Samples beginning 'RE' are Retuns and 'RRE' are Reject Retuns.

DATE RECEIVED: DEC 13 2000

DATE REPORT MAILED: Dec 22/00

SIGNED BY: [Signature] TOYE, C LEONG, J. WANG, CERTIFIED B.C. ASSAYERS



GEOCHEMICAL ANALYSIS CERTIFICATE



Fortymile Placers File # A004984
Box 460, Dawson City YT Y0B 1G0 Submitted by: LESLIE CHAPMAN

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	Ka	K	W	Au**	Pt**	Pd**	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppb	ppb	ppb	
M-05-NR	6	15	11	39	1.0	10	2	94	97	3	9	<2	<2	17	.3	5	<3	12	.05	008	3	30	02	1182	<.01	6	.16	01	.08	8	5	<2	3	
M-06-NR	42	46	15	178	2.0	35	3	53	2.28	2	<8	<2	4	24	3	19	<3	79	.03	044	12	21	09	616	.01	7	43	01	.23	5	9	7	11	
M-03-Q	5	4	3	6	<.3	22	1	73	68	<2	<8	<2	<2	1	<2	<3	<3	<1	.03	004	1	35	38	15	<.01	3	15	01	01	12	<2	<2	<2	
M-12-Q	7	30	6	37	<.3	52	5	207	1.43	<2	<8	<2	2	6	3	<3	<3	48	.16	048	5	64	54	827	.06	5	69	03	.40	10	<2	<2	<2	
M-23-Q	6	6	5	4	<.3	8	1	104	50	<2	<8	<2	<2	4	<2	<3	<3	2	.06	.004	1	30	.03	111	<.01	4	05	01	.02	10	<2	4	<2	
RE M-23-Q	6	6	6	5	<.3	8	1	104	49	<2	<8	<2	<2	4	<2	<3	<3	2	.06	003	1	31	.02	112	<.01	3	05	01	.02	8	<2	3	<2	
M-04-UM	<1	53	11	19	.3	1436	90	726	4.50	13	<8	<2	2	3	<.2	<3	3	40	.17	004	1	1749	12	31	68	<.01	16	63	01	<.01	<2	<2	5	3
M-08-UM	<1	11	9	19	<.3	956	55	396	3.61	7	<8	<2	<2	4	<.2	<3	4	29	1.10	004	1	1466	9	56	26	<.01	9	33	01	<.01	<2	<2	6	<2
M-13-UM	5	68	5	130	.4	148	19	510	3.96	<2	<8	<2	5	10	<.2	<3	<3	211	.36	119	9	157	2	22	2594	.23	7	2	59	05	1.67	4	3	<2
M-21-UM	3	61	17	132	.3	49	11	348	3.78	6	<8	<2	16	25	.2	<3	<3	29	.27	111	52	38	89	179	.01	7	1	67	01	45	4	3	2	<2
M-24-UM	3	37	9	111	<.3	55	16	182	3.35	<2	<8	<2	12	16	.2	<3	<3	65	.22	092	32	49	.94	566	.16	4	1	94	03	1.15	3	161	<2	<2
M-27-UM	3	23	6	30	<3	14	4	302	1.85	<2	<8	<2	2	7	<2	<3	<3	28	.11	.048	2	43	.73	577	.04	3	97	01	.35	4	2	4	3	
M-34-UM	4	56	12	108	.4	44	7	272	1.95	<2	<8	<2	3	5	1	7	<3	<3	31	.14	.041	10	37	52	331	.02	5	.95	<.01	20	8	2	4	<2
M-36-UM	2	33	9	115	<3	40	7	189	1.88	<2	<8	<2	3	3	3	<3	<3	21	.07	023	4	28	47	373	.05	4	.91	<.01	33	7	<2	<2	<2	
STANDARD C3/FA-10R	26	67	36	166	5.6	41	12	807	3.59	59	22	<2	22	32	23.8	20	22	77	.61	101	19	177	63	161	.10	24	1	88	.04	.19	17	469	470	471
STANDARD G-2	2	4	<3	43	<3	9	4	587	2.28	<2	<8	<2	5	83	<.2	<3	<3	41	.72	.112	9	85	.65	245	14	6	1.03	.09	52	<2	-	-	-	

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 P150 60C AU** PT** PD** GROUP 38 BY FIRE ASSAY & ANALYSTS BY ICP-ES. (30 gm)
 Samples beginning 'RE' are Retuns and 'RRE' are Reject Retuns.

DATE RECEIVED: DEC 13 2000 DATE REPORT MAILED: Dec 18/00 SIGNED BY: [Signature] D. TOYE, C LEONG, J WANG, CERTIFIED B C ASSAYERS

AA
LL

GEOCHEMICAL ANALYSIS CERTIFICATE

AA
LLFortymile Placers File # A100066
Box 460, Dawson City YT Y0B 1G0 Submitted by: Leslie Chapman

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	V	Au**	Pt**	Pd**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppb	ppb	ppb
M37SS	1	50	6	57	<.3	78	16	614	2.49	23	<8	<2	3	28	<.2	<3	<3	49	.58	.073	11	66	1.17	582	.06	<3	1.21	.01	.16	<2	395	<2	3
M38SS	1	87	15	80	.4	105	20	1050	3.37	42	<8	<2	2	30	.2	3	<3	83	.94	.084	14	103	1.84	564	.09	<3	1.65	.01	.24	<2	5023	4	3
M39SS	1	73	7	64	.8	183	26	761	3.11	72	<8	4	3	56	.3	<3	<3	57	2.09	.061	11	146	2.16	810	.06	<3	1.44	.01	.24	<2	1532	<2	4
M41SS	2	67	10	77	2.6	88	19	737	3.15	26	<8	12	3	37	<.2	<3	<3	59	1.09	.062	12	82	1.45	794	.07	<3	1.47	.01	.22	<2	19773	2	4
M43SS	2	101	13	97	.5	93	23	1189	4.11	28	<8	<2	3	43	.2	<3	<3	83	1.08	.079	20	77	1.44	1274	.09	<3	1.80	.01	.25	<2	31	<2	4
M47SS	3	158	10	108	.3	81	33	776	5.10	14	<8	<2	9	41	.3	<3	<3	105	1.36	.084	40	65	2.11	1332	.14	<3	2.73	.01	.67	<2	63	<2	3
M48SS	3	45	6	66	.7	30	8	268	2.48	7	<8	<2	5	42	<.2	3	<3	57	.55	.056	16	31	.56	758	.08	<3	1.36	.02	.11	<2	396	<2	4
M49SS	4	58	20	126	11.6	87	18	1350	3.43	13	<8	68	4	33	.8	3	<3	85	.49	.097	15	101	1.19	1079	.11	<3	1.61	.02	.36	<2	33291	3	4
M50SS	1	104	10	77	.4	49	22	643	2.94	2	<8	<2	5	23	<.2	4	<3	76	.47	.035	20	42	.95	633	.05	<3	1.73	.01	.30	<2	108	<2	6
M52SS	1	70	9	104	.5	66	19	657	3.63	5	<8	<2	7	31	<.2	<3	<3	72	1.04	.039	29	62	1.24	386	.07	<3	2.05	.01	.12	<2	1993	<2	3
M53SS	<1	32	3	60	.8	17	14	375	2.58	5	<8	5	3	17	.2	<3	<3	49	.50	.055	8	36	.99	133	.08	3	1.35	.01	.12	<2	4737	<2	2
RE M48SS	3	44	7	67	.9	27	8	267	2.47	9	<8	<2	4	42	<.2	4	<3	56	.55	.056	16	32	.57	735	.08	<3	1.36	.02	.10	<2	387	3	5
M54SS	2	45	9	134	.3	70	17	637	2.61	9	<8	<2	4	25	.9	<3	<3	49	.42	.078	15	85	.99	549	.06	<3	1.08	.01	.18	<2	54	<2	3
M55SS	2	48	18	125	.6	57	15	648	2.76	11	<8	<2	4	27	.4	<3	<3	48	.39	.083	17	57	.80	503	.06	<3	1.09	.01	.13	<2	446	3	2
M56SS	21	323	20	415	2.3	177	16	444	6.39	30	25	<2	7	166	.5	7	<3	83	.23	.239	40	33	.44	620	.03	<3	1.75	.02	.29	<2	36	3	15
M57SS	1	35	8	80	1.0	29	12	464	2.82	11	<8	4	4	41	<.2	<3	<3	65	.76	.066	15	36	.79	300	.08	3	1.52	.03	.10	<2	1215	<2	4
STANDARD C3/FA-10R	28	65	38	173	5.7	40	11	807	3.44	60	22	2	19	29	23.2	21	24	89	.58	.089	19	182	.63	150	.09	21	1.83	.04	.16	23	466	459	482
STANDARD G-2	2	3	<3	43	<.3	12	4	536	2.01	<2	<8	<2	5	71	.2	3	<3	45	.64	.093	8	80	.61	224	.13	3	.94	.08	.45	3	4	3	2

GROUP 1D - 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 S580 60C AU** PT** PO** GROUP 3B BY FIRE ASSAY & ANALYSIS BY ICP-ES (30 gm)
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JAN 5 2001 DATE REPORT MAILED: Jan 18/01 SIGNED BY: *C. Long* D TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL ANALYSIS CERTIFICATE



Fortymile Placers File # A100055
Box 460, Dawson City YT Y0B 1G0 Submitted by: Leslie Chapman

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	Au**	Pt**	Pd**		
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb	ppb	ppb		
M40UM	32	88	4	93	1	1	56	10	42	1.00	12	<8	<2	<2	103	.9	3	<3	264	.41	.085	2	213	.28	13928	.03	<3	1.64	.05	.47	<2	5	2	7	
M42Q	<1	38	9	21	.3	482	35	2127	4.12	87	<8	<2	<2	293	1	3	<3	<3	20	16.35	.005	<1	488	8.98	127	<.01	<3	.63	.01	.01	<2	7	3	3	
M44Q	2	13	<3	11	<3	76	6	460	1.02	3	<8	<2	<2	47	<.2	<3	<3	15	1.81	.004	<1	167	1.48	29	<.01	<3	.40	<.01	<.01	<2	<2	<2	<2		
M45Q	3	3	<3	5	<3	6	1	158	.25	<2	<8	<2	<2	21	<.2	<3	<3	1	.59	.194	2	29	.04	10	<.01	3	.03	01	.01	<2	4	2	<2		
M46Q	2	7	<3	17	<.3	80	5	684	1.09	14	<8	<2	<2	34	.2	<3	<3	18	1.42	.003	1	147	1.70	22	<.01	<3	.67	<.01	.01	<2	<2	3	4		
M51Q	2	20	<3	36	<.3	69	17	1014	2.94	19	<8	<2	<2	50	<.2	<3	<3	79	4.87	.033	3	142	1.67	274	.06	<3	1.76	.02	.29	<2	3	2	3		
RE M51Q	2	20	5	38	<.3	72	17	1032	3.00	18	<8	<2	<2	51	<.2	3	<3	81	4.98	.034	3	144	1.71	286	06	<3	1.81	.02	.30	<2	3	2	<2		
STANDARD C3/FA-10R	27	65	37	168	5.8	38	12	794	3	50	57	24	3	20	30	24	2	20	26	85	.61	092	20	175	65	153	09	22	1.87	.04	17	21	488	480	480

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 AU** PT** PD** GROUP 3B BY FIRE ASSAY & ANALYSIS BY ICP-ES. (30 gm)
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JAN 5 2001 DATE REPORT MAILED: Jan 18/01 SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

GEOCHEMICAL ANALYSIS CERTIFICATE



Fortymile Placers File # A100067 (a)
Box 460, Dawson City YT Y0B 1G0 Submitted by: Leslie Chapman

MPLE#	Ag	Al	As	Au	B	Ba	Be	Bi	Br	Ca	Cd	Ce	Cl	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Hg	Ho	I	In	Ir	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb										
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb										
BWS	< 05	7	<1	07	<20	69	20	<	05	05	<5	112197	40	01	<1	74	1	7	<01	3	4	01	01	<10	05	01	05	<02	6	<01	54	<01	05	1925	<01	<50	<01	82329	59	80	6	2077	<01						
M58WS	< 05	7	<1	05	<20	67	40	<	05	05	<5	112623	39	01	<1	72	1	8	<01	2	4	01	01	<10	05	01	05	<02	5	<01	6	<01	05	1865	<01	<50	<01	82724	59	24	3	2032	<01						
ANDARC	140	00	2181	475	<05	455	298	35	217	23	<05	5	90	125	72	<01	25	334	91	671	3	02	138	0	<01	<01	01	273	11	<01	45	<02	22	0	<01	1	<01	05	150	<01	<50	<01	<50	1934	98	84	9	64	<01

Standard is STANDARD WASTWATR7.

GROUP ZC - ANALYSIS AS RECEIVED BY ICP-MS, FOR EXPLORATION PURPOSES ONLY.
- SAMPLE TYPE: WATER
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns

DATE RECEIVED: JAN 5 2001 DATE REPORT MAILED: *Jan 19/01* SIGNED BY: *C.L.* D. TOYE, C. LEONG, J. WANG; CERTIFIED B C ASSAYERS

ACME ANALYTICAL LABORATORIES LTD.
(ISO 9002 Accredited Co.)

852 E. HASTINGS ST. VANCOUVER BC V6A 1R6

PHONE (604) 253-3158 FAX (604) 253-1716



GEOCHEMICAL ANALYSIS CERTIFICATE



Fortymile Placers File # A100067 (b)
Box 460, Dawson City YT Y0B 1G0 Submitted by: Leslie Chapman

SAMPLE#	Nd	Ni	Os	P	Pb	Pd	Pr	Pt	Rb	Re	Rh	Ru	Sb	Sc	Se	Si	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	Tm	U	V	W	Y	Yb	Zn	Zr
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
M58WS	.02	39.9<.05	<20	<2	<.2<.01<	01	.91	.04<.01<.05	.07	86	1.7	3598<.05<.05	262.95<.05<.01<.05	.06	<10	.02<	01	68	1	.8	.08	.01	116.0	<.5									
RE M58WS	.02	40.5<.05	<20	<2	< 2<.01<	01	.88	.05<.01<.05	.06	87	1.9	3590<.05	60	248.47<.05<.01<.05<.05	<10	.01<	01	61	<1	.7	.08<.01	116	0	< 5									
STANDARD WASTMATR7	<.01	1391.3<.05	<20	282	4<	01<	01	.13<.01<.01<	05	596.02<.05	136.4	39<.05<	05	83.43<.05<.01<.05<.05	<10	380.00<.01<.05	660	1<.01<.01	209	8	<.5												

GROUP 2C - ANALYSIS AS RECEIVED BY ICP-MS, FOR EXPLORATION PURPOSES ONLY.

- SAMPLE TYPE: WATER

Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns

DATE RECEIVED: JAN 5 2001

DATE REPORT MAILED: Jan 19/01

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

Appendix 2- Prospecting Diary

YMIP Project #00-072

Marten Cr area

Leslie Chapman
2000

Prospecting in Marten Creek - 2000
Oct 26

took 4 Wheeler ~ 1/2 m up
creek, then walked up to forks
where old cabins are

✓ M-01-SS soil samples from
cliff on Rk opposite cabin
similar structure to ~~area~~ their
previous old results of placer
drilling down stream

2 photos (old cabin by Percy Cr &
'knot' hill where I took sample
~8°C cloudy, light snow

Oct 27 ~5°C cloud, calm

I went up creek on 4 Wheeler
w/ gear to same spot I left it
yesterday. fluv. walked up left
of overflow since yesterday

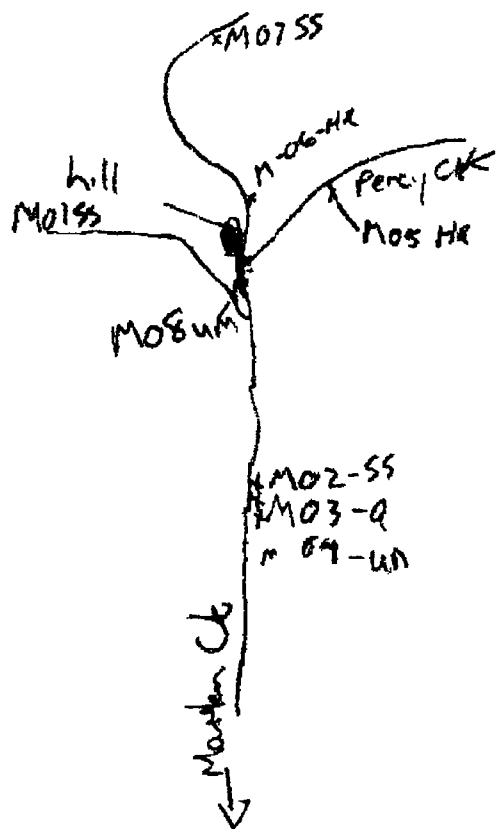
RL samples

M-02-SS

M-03-Q

M-04-UM

} opposite small cr
on RL



(2)

- ✓ M-02-SS is talcy - light grey soil from near surface, mixed with fluty rock
- ✓ M-03-Q - from 8" quartz seam
- ✓ M-04-UM - ultra mafic rock adjacent to quartz seam

walked up left limit track by 2 old columns (yesterday's M-01-SS) was taken in this area) took sample

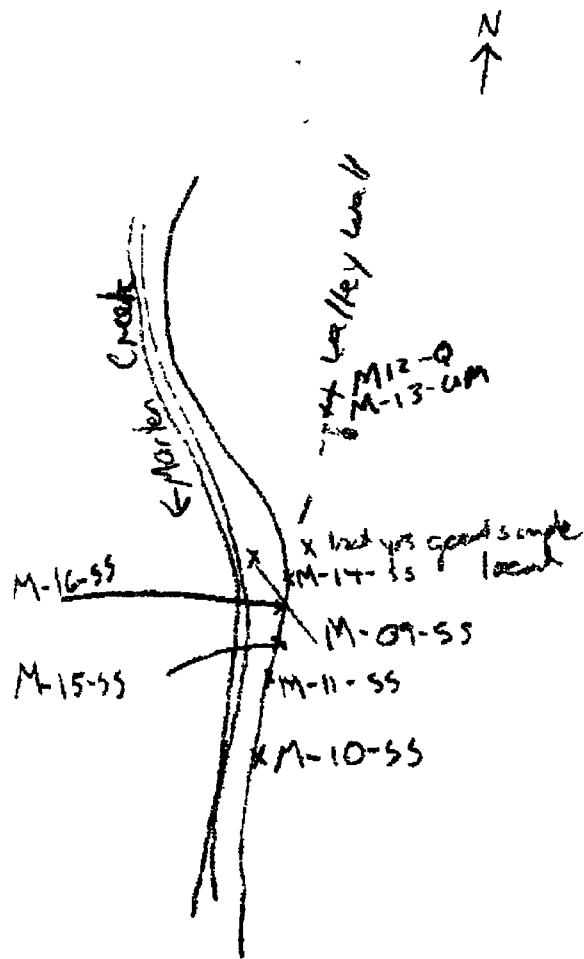
- ✓ M-05-HR from RL of track (Percy Creek) very decomposed rusty schist

walking up Marten RL sample fractured schist - rusty but very dark when broken

✓ M-06-HR

- ✓ M-07-SS soil sample LL from under mossy bank fluty soil

✓ M-08-UM - from the confluence



(4)

of gulch & Marker Cl
 ultra mafic block washed in gulch

M-09-SS taken on way back
 to camp from near (down slope,
 from good soil sample from last yr
 coarse soil)

1 photos - M-02, 03, 04 site (taking GB
 reading)

Oct 28 ~ -3°C, cloudy, calm
 more sampling in vicinity of
 last yr's best results

M-10-SS - soil sample from
 cut bank by trail from
 ~ 18" from surface, sandy
 ~ 20' from creek, LL

M-11-SS - soil sample from
 cut bank by trail from ~ 12"
 from surface - soil mixed w/
 layered schist

(5)

(6)

- I climbed up to outcrop on
LL approx 40' above creek level
extremely foliated schist - like
sheet of paper - most is
v dark grey - quartz veinlets
throughout
- ✓ M-12-Q - sample of a ^{small (~2")} quartz vein
 - ✓ M-13 UM - dark foliated schist
 - ✓ M-14-SS soil sample from ~1' ~~down~~ from trail cut back LL

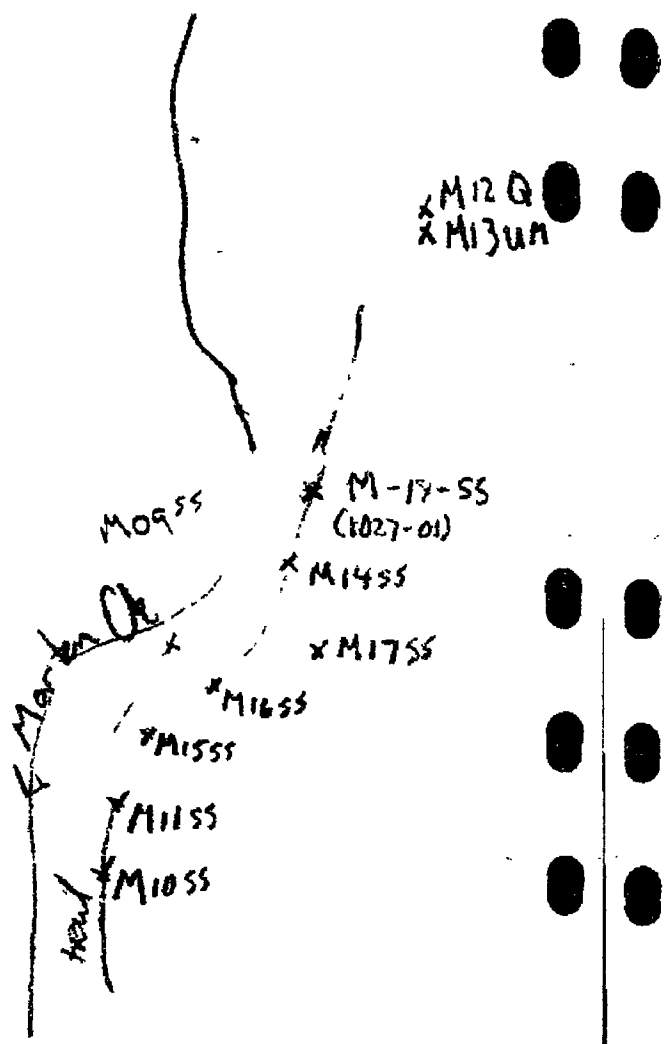
Oct 29 - 20°C cloudy, light snow

- ✓ M-15-SS approx 30' from M-15-SS
Same flinty soil, but redder
color - ~18" down from surface
- ✓ M-16-SS approx 50' from M-15-SS
~3' down from surface, redder
soil w/ broken ss bits

(7)

8

N
↑

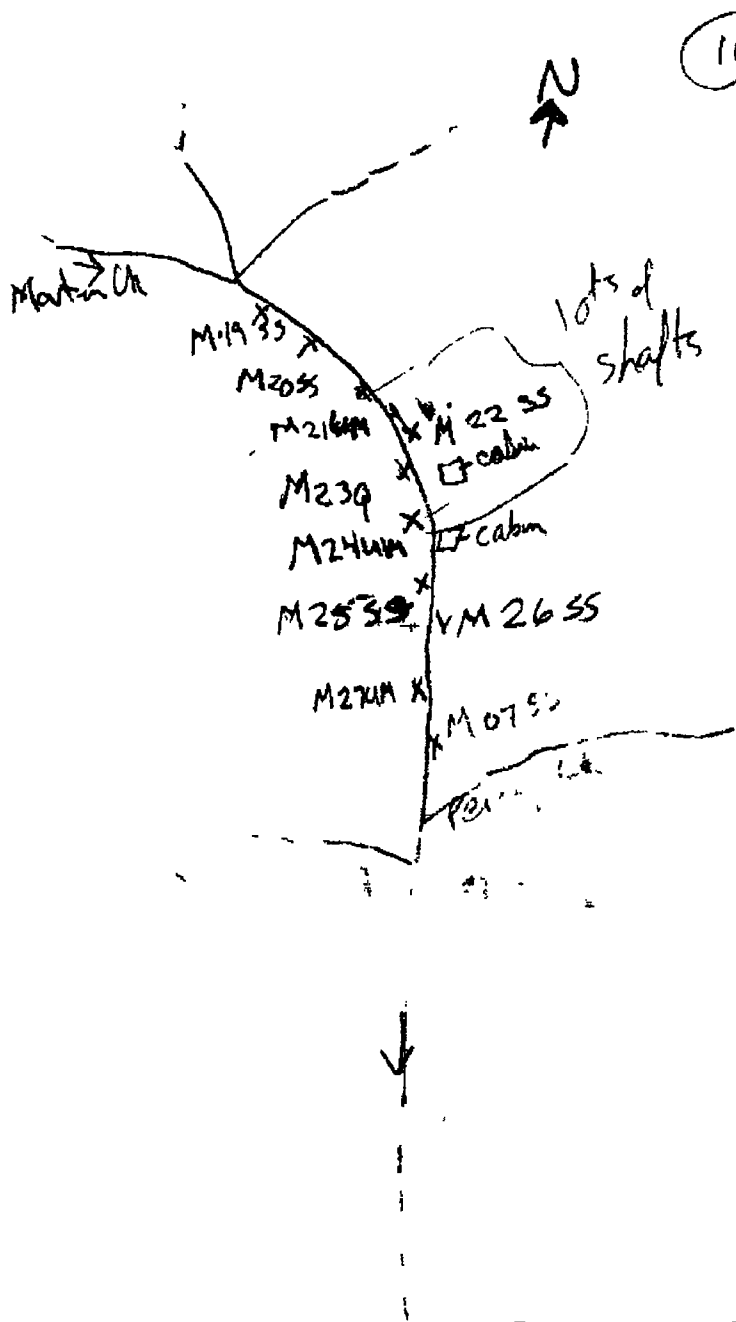


9

✓ M-17-SS approx 50' N
from M-16-SS
had to climb ~ 25' up slope
to get sample from slide
location ~ 50' above creek level
& about 25' higher than previous
samples in this series

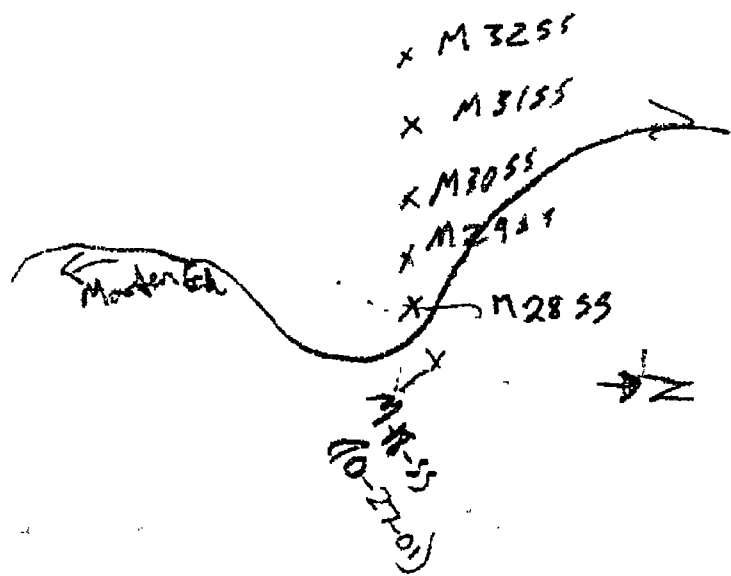
✓ M-18-SS approx 50' N of M-17-SS
V close to SS-1027-01
from last yr. which had
367 ppb platinum in assay

- used snowmachines today
to get up to sample
location as too much snow
now for ATV



- (11)
- Oct 30 -9°C high cloud
 2 snowmachines used up creek
 walked up to forks after
 leaving machine 1/2 mile up, with assistant
- ✓ M-19-55 grey soil sample
flint, schist ~ 1' down RL
 - ✓ M-20-55 soil sample ~ 18' down RL
 - ✓ M 21-UM dark grey schist
 - ✓ M-22-55 LL soil sample ~ 1' down
in creek cut bank
 - ✓ M 23 Q RL quartz seen in
fractured schist

(12)



(13)

Oct 31 -5°C cloudy, calm
 took 2 snow machines to end of
 creek to area w/ lots of peat tailing up
 M24 UM RL dark grey schist
 M25 SS RL soil sample from
 ~1' down
 M26 SS LL near surface
 M27 UM RL foliated dark schist

Nov 1 -2°C high thin cloud light
 breeze

4x4ATV to
 site of best platinum sample from
 last yr
 running a series of soil samples
 on a line crosscutting creek valley
 working in Rn today
 sampling at ~50m intervals
 using shovel + trowel

✓ M-28-SS - approx 1m from creek
 on RL just under moss,
 fairly organic soil - 2 pl

14

✓ M 29 SS

peaty soil
just under moss
~ 50' W from M 28 SS

✓ M 30 SS

peaty soil under moss
~ 50' W (uphill on RL)
from M 29 SS

✓ M 31 SS

~ 50' W of M 30 SS
same peaty soil under moss

✓ M 32 SS

~ 50' W of M 31 SS upslope
peaty soil under moss
w/ small flinty rock -
having to try 2 or 3 spots
- the deeper the moss the better -

15

(16)

(17)

Nov. 2 -10°C mostly clear

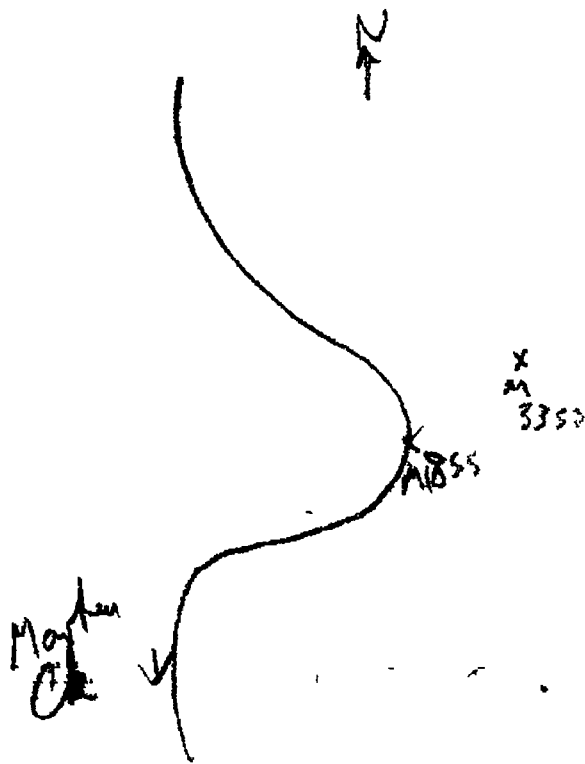
climbed up LL of creek valley
from M1855 (last yr best platinum)
steep climb!

✓ M3355 flinty soil from under
juniper bush
~ 50' uphill from M1855

✓ M34UM 75'-100' uphill from M3355
hillside is covered in
slide rock - hard to find
in place material to sample
this sample is from outcrop in
hill side

✓ M35SS ~15' uphill from M34UM
soil sample from under
juniper bush
O cant climb higher - too steep
couldn't mark GPS location
at this sample as no signal
(per satellite)

✓ M36UM sample of slide rock
from hillside extremely heavy & block



(18)

Nov. 3

split rock samples +
screened dry soil samples +
split them
labeled samples ready for
shipping to Acme

some soil samples
difficult to screen as
too wet, so I used propane
stove to dry them,
then split them +
ready for shipping
13 - hard rock samples
23 - soil samples
sent in

(19)

Nov 4 - to Dawson by
snow machine w/ samples to
send in to assayer

(20)

Nov 11 -11°C foggy

snowmachines to confluence of
James Ch & Martin Ch.
walking up James Ch.

✓ M 37 SS - soil sample near
mouth of Jensen Ch
sandy soil ~3' from surface
in creek cut bank - gravel
layer above LL

✓ M 38 SS soil sample from inside LL
large (12' Ø x 6' deep) collapsed
old miners shaft. Heavy moss has
grown over all surfaces making
sampling difficult. Got sample
from near surface - ~2' down

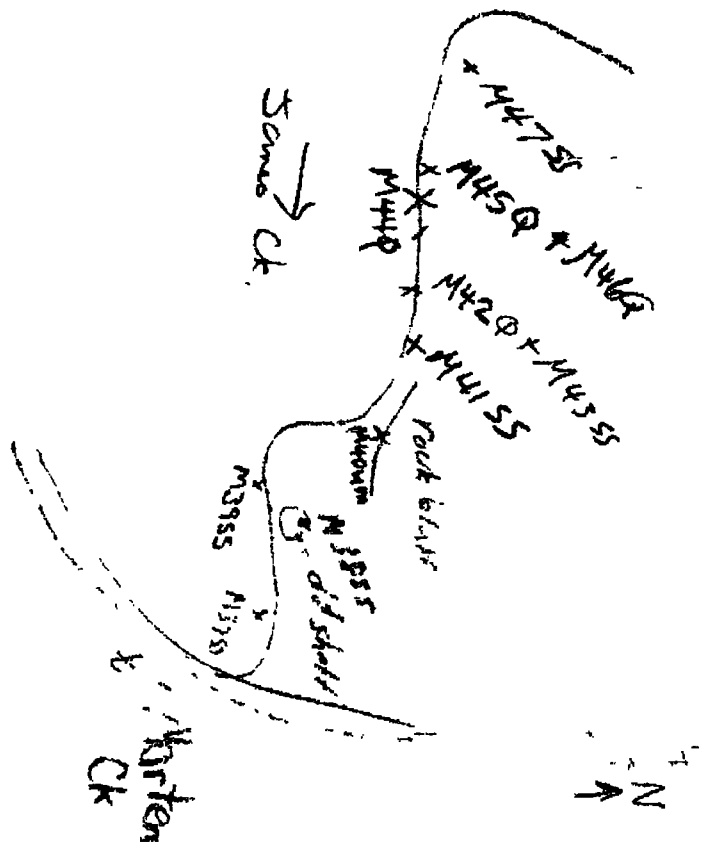
Nov 12 -18°C clear

✓ M 39 SS flinty gravel in soil sample
from stream cut bank
near surface <1' down

lots of new overflow in creek
since yesterday

(21)

(22)



(23)

✓ M40 UM dark schist ~ 40'
above creek bed in the
rock bluff

Nov 13 -5°C cloudy & calm
tried to get up to James Cr
but overflow was too deep
on Martin to get snowmachines
through - got stuck + wet

Nov 14 -7°C cloudy 3" new snow
snowmachines up to James Cr
overflow bad but went up anyway
✓ M41 SS stuff from creek cut bank
LL.

✓ M42 Q } RL cut bank
✓ M43 SS } quartz sample from
in place boulder
soil sample from sandy, fluvial silt

✓ M44 Q quartz boulder in
middle of creek bed

Nov 15 -8°C cloudy James Cr.
✓ M45 Q (smokey lumpy w/ schist
✓ M46 Q (quartz w/ oxidized stain
from boulder on RL shore

(24)

JM 47 SS soil sample
from hillside slope ~30'
above creek bed on LL
clay soil w/ light colored schist

(25)

Nov 16 -10°C partly cloudy

we went back up Lamoite
trail to GPS 'co-ord's
from samples from canyon area
but still got poor coverage - must
be too tight in here? or battery problem?

(26)

Nov 20 -6°C cloudy + calm

snow machine up road, sampling out
bank on uphill side of road to fuel
tanks

✓ M 48 SS soil sample from ~ 2 1/2'
beneath surface fine clay w/
small pieces of schist

✓ M 49 SS soil sample from ~ 3'
down, similar to M 48 SS
about 100-150' downhill of 48

✓ M 50 SS soil sample from ~ 3-3 1/2'
beneath surface fine clay
more broken schist (closer to
bedrock?) some reddish stain
in soil approx 200' downhill
from M 49

(27)

YMIP Project #00-072

Marten Cr area

Leslie Chapman
2000

Prospecting in Marten Creek - 2000
Oct 26

took 4 Wheeler ~ 1/2 m up
creek, then walked up to forks
where old cabins are

✓ M-01-SS soil samples from
cliff on Rk opposite cabin
similar structure to ~~area~~ their
previous old results of placer
drilling down stream

2 photos (old cabin by Percy Cr &
'knot' hill where I took sample
~8°C cloudy, light snow

Oct 27 ~5°C cloud, calm

I went up creek on 4 Wheeler
w/ gear to same spot I left it
yesterday. flr. walked up left
of overflow since yesterday

RL samples

M-02-SS

M-03-Q

M-04-UM

} opposite small cr
on RL

(20)

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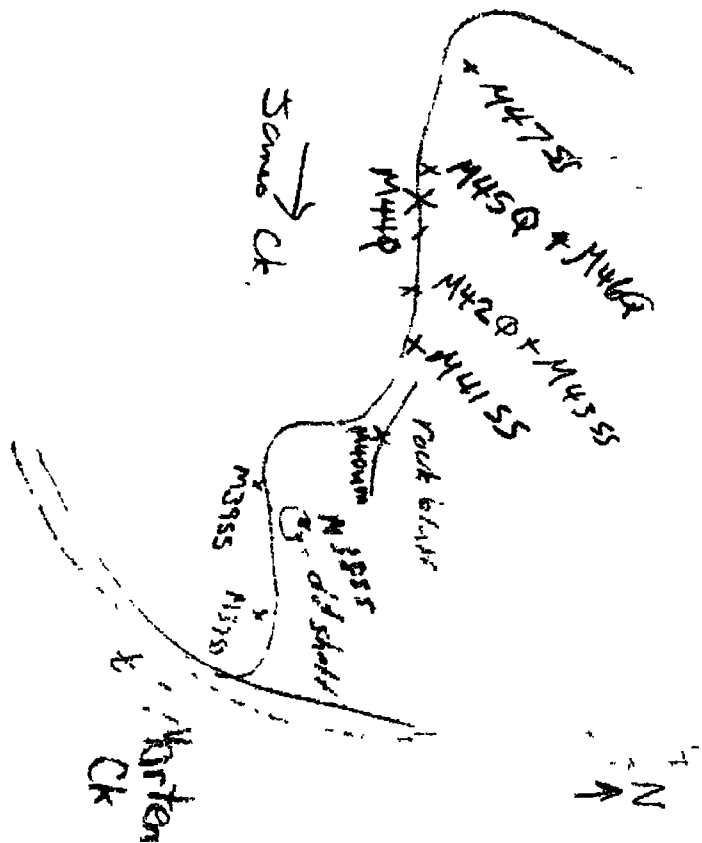
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snow machine up road, sampling out
bank on uphill side of road to fuel
tanks

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about 100-150' downhill of 48

✓ M 50 SS soil sample from ~ 3-3 1/2'
beneath surface fine clay
more broken schist (closer to
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in soil approx 200' downhill
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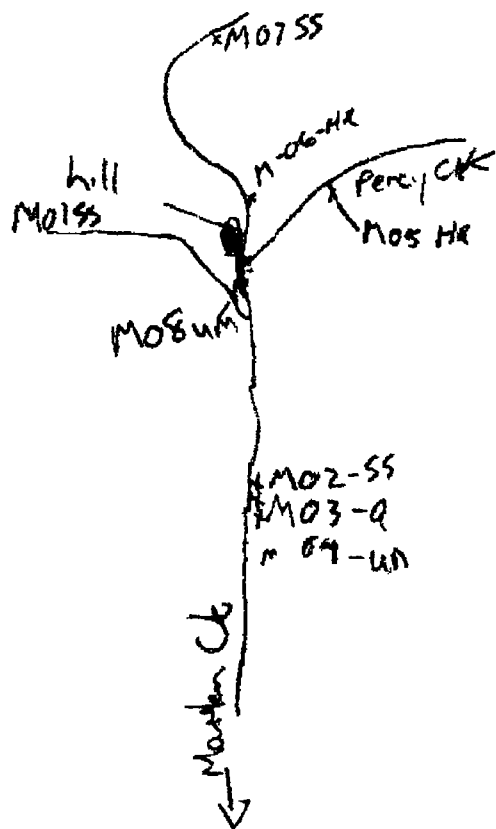
RL samples

M-02-SS

M-03-Q

M-04-UM

} opposite small cr
on RL



(2)

- ✓ M-02-SS in talley - light grey soil from near surface, mixed with fluted rock
- ✓ M-03-Q - from 8" quartz seam
- ✓ M-04-UM - ultra mafic rock adjacent to quartz seam

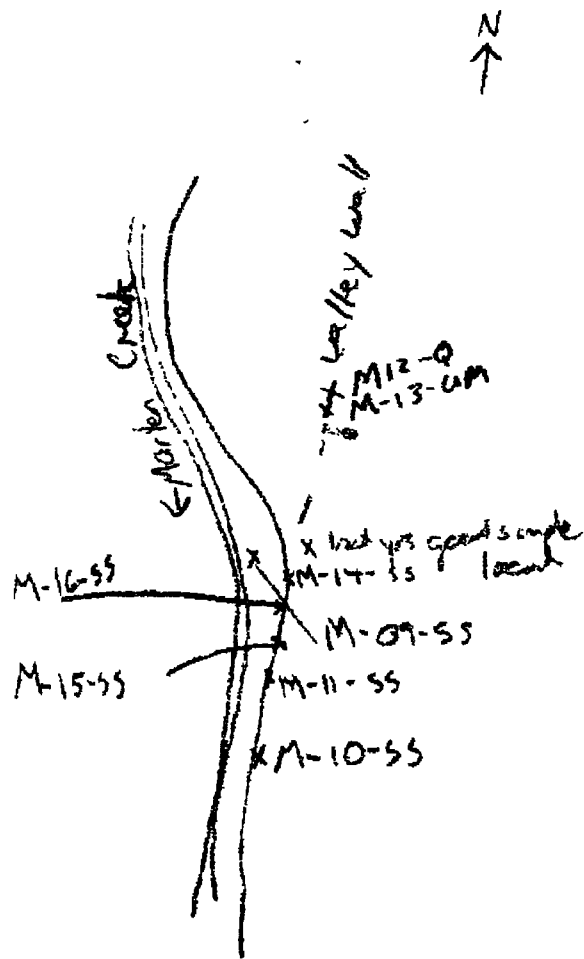
walked up left bank trail by 2 old columns (yesterday's M-01-SS) was taken in this area) took sample

- ✓ M-05-HR from RL of trail (Percy Creek) very decomposed rusty schist

walking up Marten RL sample fractured schist - rusty but very dark when broken

- ✓ M-06-HR
- ✓ M-07-SS soil sample LL from under mossy bank fluted soil

- ✓ M-08-UM - from the confluence



(4)

of gulch & Marker Cr
 ultra mafic breccia washed in gulch

M-09-SS taken on way back
 to camp from near (down slope,
 from good soil sample from last yr
 coarse soil)

1 photos - M-02, 03, 04 site (taking GB
 reading)

Oct 28 ~ -3°C, cloudy, calm
 more sampling in vicinity of
 last yr's best results

M-10-SS - soil sample from
 cut bank by trail from
 ~ 18" from surface, sandy
 ~ 20' from creek, LL

M-11-SS - soil sample from
 cut bank by trail from ~ 12"
 from surface - soil mixed w/
 layered schist

(5)

(6)

- I climbed up to outcrop on
LL approx 40' above creek level
extremely foliated schist - like
sheet of paper - most is
v dark grey - quartz veinlets
throughout
- ✓ M-12-Q - sample of a ^{small (~2")} quartz vein
 - ✓ M-13 UM - dark foliated schist
 - ✓ M-14-SS soil sample from v1' ~~down~~ from trail cut back LL

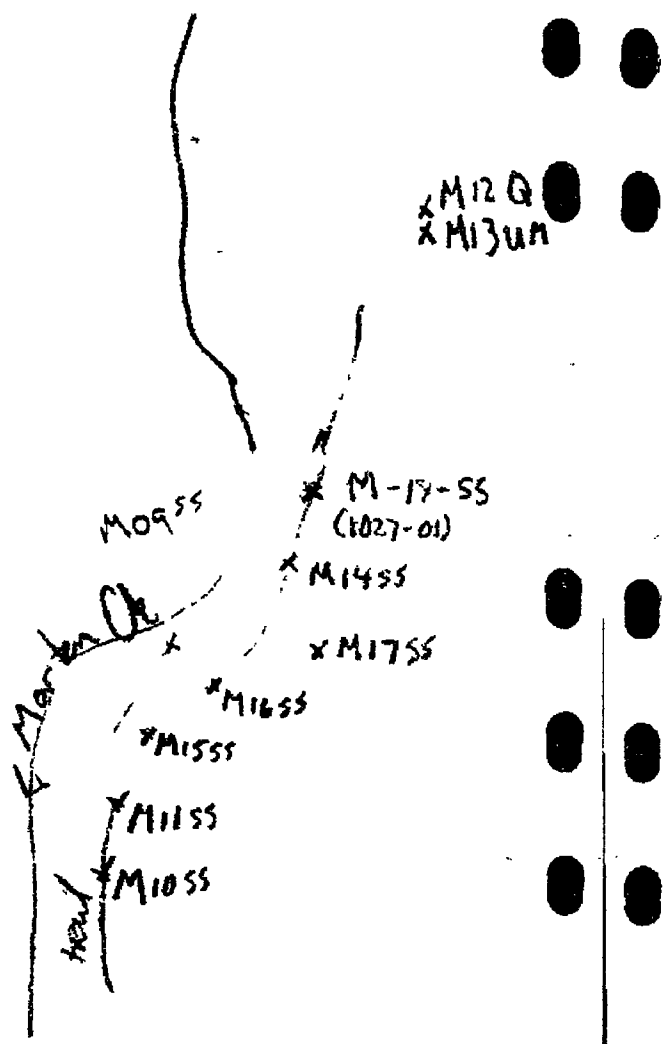
Oct 29 - 90° cloudy, light snow

- ✓ M-15-SS approx 30' from M-11-SS
Same flinty soil, but redder
color - ~ 18" down from surface
- ✓ M-16-SS approx 50' from M-15-SS
~ 3' down from surface, redder
soil w/ broken ss bits

(7)

8

N
↑

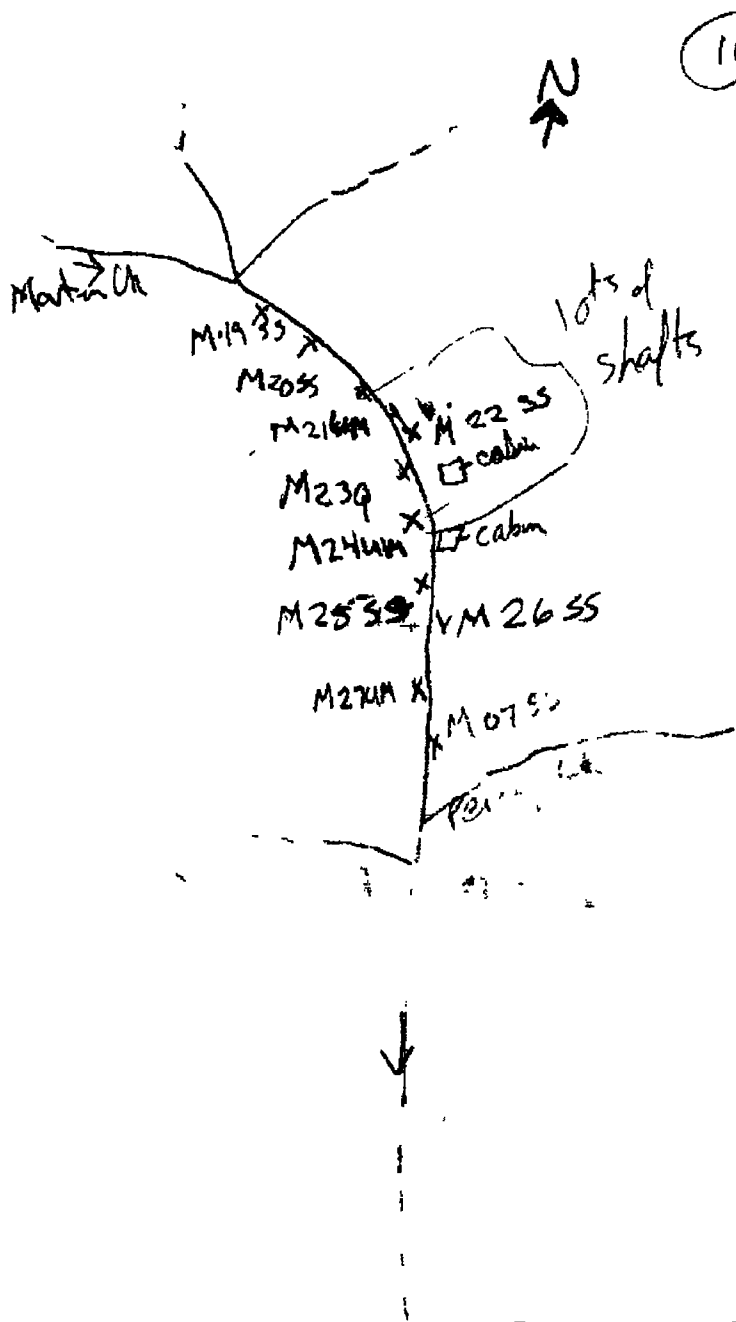


9

✓ M-17-SS approx 50' N
from M-16-SS
had to climb ~ 25' up slope
to get sample from slide
location is ~ 50' above creek level
& about 25' higher than previous
samples in this series

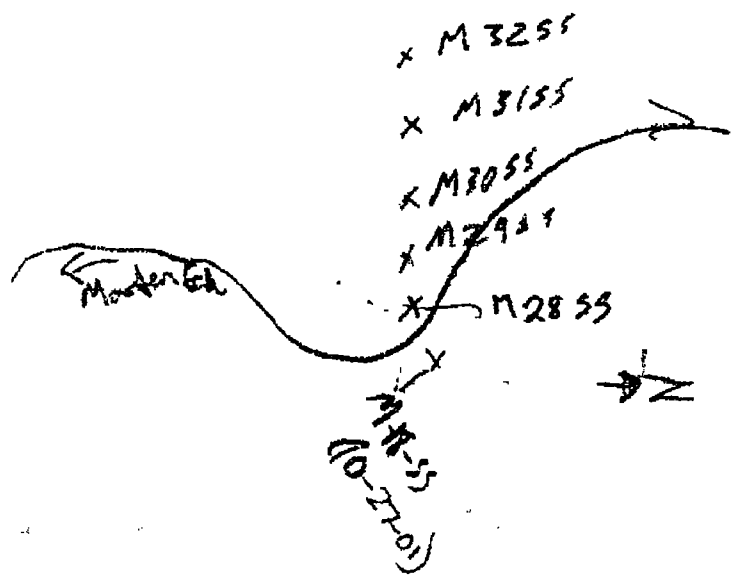
✓ M-18-SS approx 50' N of M-17-SS
V close to SS-1027-01
from last yr. which had
367 ppb platinum in assay

- used snowmachines today
to get up to sample
location as too much snow
now for ATV



- (11)
- Oct 30 -9°C high cloud
 2 snowmachines used up creek
 walked up to forks after
 leaving machine 1/2 mile up, with assistant
- ✓ M-19-55 grey soil sample
 flint, schist ~ 1' down RL
 - ✓ M-20-55 soil sample ~ 18' down RL
 - ✓ M 21-UM dark grey schist
 - ✓ M-22-55 LL soil sample ~ 1' down
 in creek cut bank
 - ✓ M 23 Q RL quartz seen in
 fractured schist

(12)



(13)

Oct 31 -5°C cloudy, calm
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 creek to area w/ lots of peat tailing up
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 M25 SS RL soil sample from
 ~1' down
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just under moss
~ 50' W from M 28 SS

✓ M 30 SS

peaty soil under moss
~ 50' W (uphill on RL)
from M 29 SS

✓ M 31 SS

~ 50' W of M 30 SS
same peaty soil under moss

✓ M 32 SS

~ 50' W of M 31 SS upslope
peaty soil under moss
w/ small flinty rock -
having to try 2 or 3 spots
- the deeper the moss the better -

15

(16)

(17)

Nov. 2 -10°C mostly clear

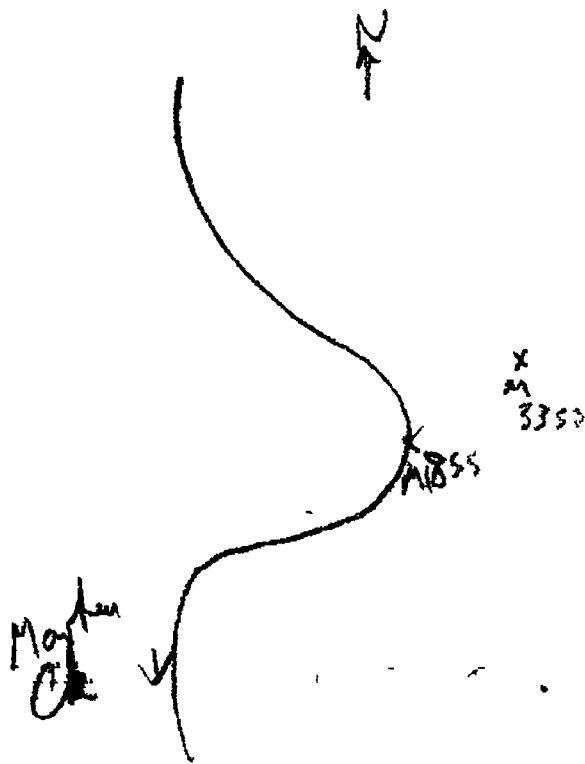
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from M1855 (last yr best platinum)
steep climb!

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~ 50' uphill from M1855

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hillside is covered in
slide rock - hard to find
in place material to sample
this sample is from outcrop in
hill side

✓ M35SS ~15' uphill from M34UM
soil sample from under
juniper bush
O cant climb higher - too steep
couldn't mark GPS location
at this sample as no signal
(per satellite)

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from hillside extremely heavy & block



(18)

Nov. 3

split rock samples +
screened dry soil samples +
split them
labeled samples ready for
shipping to Acme

some soil samples
difficult to screen as
too wet, so I used propane
stove to dry them,
then split them +
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Nov 4 - to Dawson by
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(20)

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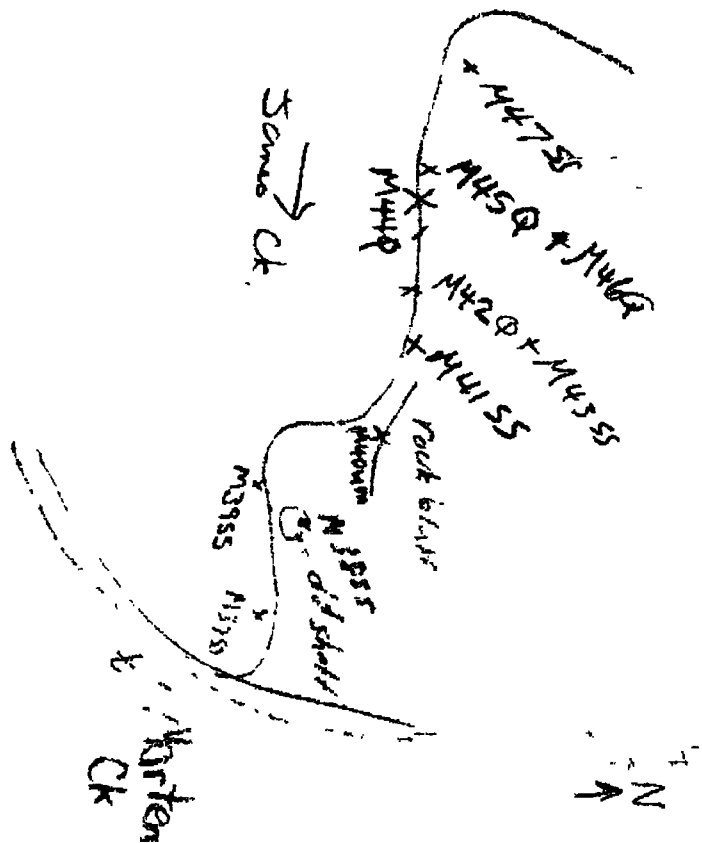
Nov 12 -15°C clear

✓ M 39 SS flinty gravel in soil sample
from stream cut bank
near surface <1' down

lots of new overflow in creek
since yesterday

(21)

(22)



(23)

✓ M40 UM dark schist ~ 40'
above creek bed in the
rock bluff

Nov 13 -5°C cloudy & calm
tried to get up to James Cr
but overflow was too deep
on Martin to get snowmachines
through - got stuck + wet

Nov 14 -7°C cloudy 3" new snow
snowmachines up to James Cr
overflow bad but went up anyway
✓ M415 SS stuff from creek cut bank
LL.

✓ M420 Q } RL cut bank
✓ M435 SS } quartz sample from
in place boulder
soil sample from sandy, fluvial silt

✓ M440 quartz boulder in
middle of creek bed

Nov 15 -8°C cloudy James Cr.
✓ M450 (smokey lumpy w/ schist
✓ M460 (quartz w/ oxidized stain
from boulder on RL shore

(24)

JM 47 SS soil sample
from hillside slope ~30'
above creek bed on LL
clay soil w/ light colored schist

(25)

Nov 16 -10°C partly cloudy

we went back up Lamoite
trail to GPS 'co-ord's
from samples from canyon area
but still got poor coverage - must
be too tight in here? or battery problem?

(26)

Nov 20 -6°C cloudy + calm

snow machine up road, sampling out
bank on uphill side of road to fuel
tanks

✓ M 48 SS soil sample from ~ 2 1/2'
beneath surface fine clay w/
small pieces of schist

✓ M 49 SS soil sample from ~ 3'
down, similar to M 48 SS
about 100-150' downhill of 48

✓ M 50 SS soil sample from ~ 3-3 1/2'
beneath surface fine clay
more broken schist (closer to
bedrock?) some reddish stain
in soil approx 200' downhill
from M 49

(27)

(28)

Nov 23/00 -5°C cloudy

snowmachines + sled to James Ct
then we walked up James
reflagged M44-47 (I didn't
have enough flagging w/ me last time
I was up here)
The overflow in Martin Ct has
frozen over + the gray is good

VM 519 quartz sample taken
from boulder in LL in
shale area of canyon

VM 5255 soil sample from high
bench above canyon - sample
from near surface just under
grass root

→ Nov 24/00 -6°C partly cloudy.

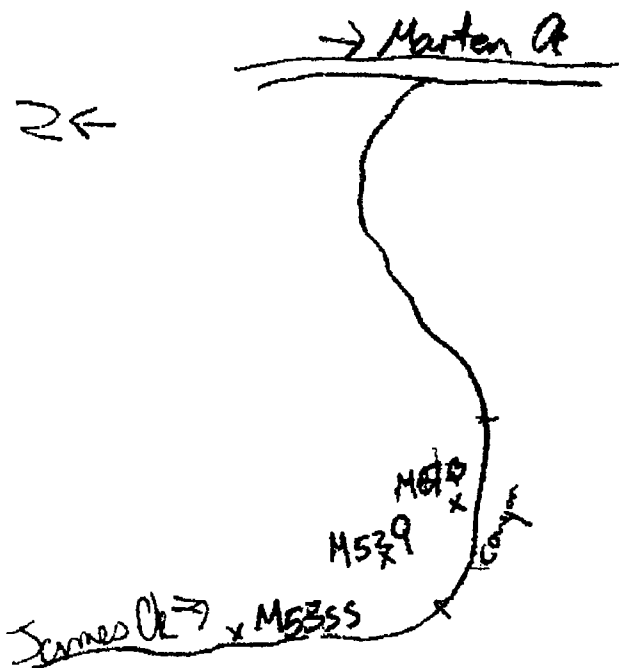
VM 5055 soil sample from
LL out bank w/ down
mixed w/ shaly rock

James Ct

walked further up creek - gently slope
fewer outcrops + lots of overflow in
creek channel. - brush walking

(29)

(30)



(31)

Nov 28/00 -21°C clear

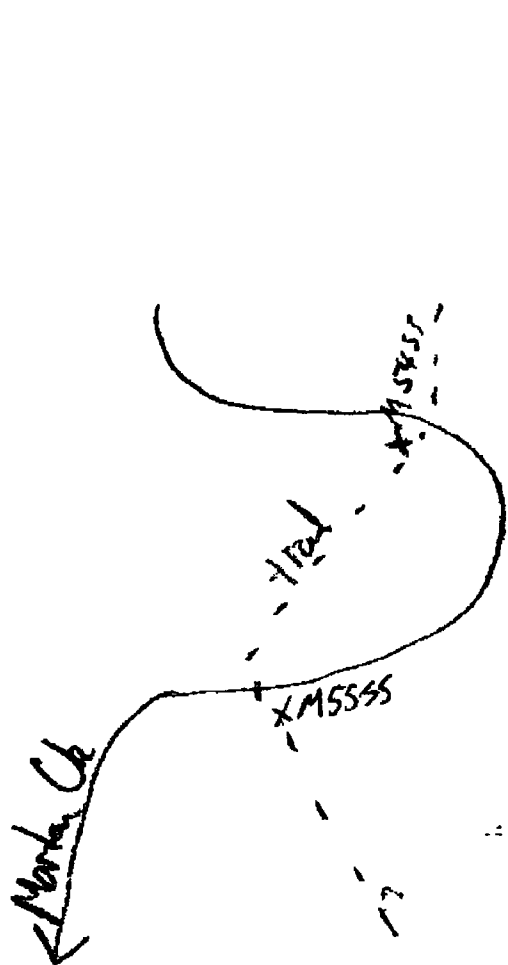
too much overflow in creek to get up as far as I had planned to go w/ snowmachines so I did some soil sample further downstream instead.

✓ M54SS soil sample from cut bank where trail cuts down bank to cross creek (last crossing before "flying sewer landing pad.") photo

✓ M55SS soil sample from road cutbank for stream crossing - the crossing downstream of M54SS sandy soil w/ fine gravel

Dec 4/00 -32°C

I took snowmachine up road to see if I could climb down from road to outcrops over Marten Cr - decided it was too steep + dangerous to climb down that way



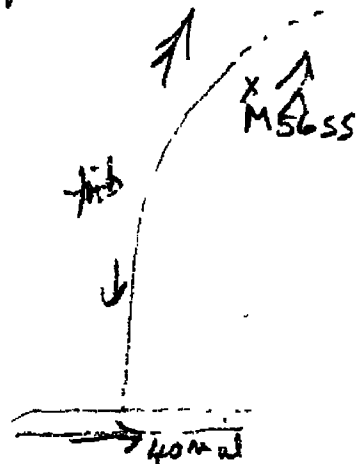
(32)

Dec 5 -12°C partly cloudy

Snow machine up our cliff road
to 40M Lh track (unpaved)
by diffuser cut (Bors)
very difficult to find
anywhere to sample - willows
& niggerhead - heavy mess

Dec 6 -9°C cloudy (Bors cl)
✓ MS6SS soil sample from
on LL of toll is 1/2 mile
upstream

went up to lead water but couldn't
find good sample locations



(33)

(34)

Dec 7/00 -13°C mostly cloudy

went up Merkin Cr w/ snow machine
to ~ 100m below James Cr, then
climbed up Lk hillside to
outcrops (this is area I was trying to
reach coming down from road the
other day)

outcrops of foliated schist v. similar
to rock closer to Cr bed - not too
interesting looking

Dec 8 -12°C cloudy

took advantage of trail upriver
to go up to Spunkies Cr
w/ snow machine. Walked w/ axe
to clear deadfall from Cr channel
for snow machine

found sample location from good
gold assay from last yr

(35)

(36)

Dec 9 -12°C mostly clear & sunny

back to Sparks Ck w/ snow machine
walked further up ck - fairly
tough going as channel is too
choked w/ willows etc to walk in ck
& snow getting deep on bank

M57SS - soil sample from RL
creek cut bank
silty soil from under moss
approx 1/2 mile up ck channel.

Dec 10 -10°C snowing

Sparks Ck
walked up ~ 1 mile following
fresh moose tracks.

* M58SS RL soil sample sandy

* M59SS LL soil sample from
under large overhanging spruce

* missing?

(37)

38

Dec 11 -10°C cloudy

snow machine up to -fence ck
then climbed up divide w/ Spinks
& Bar 5 ck - rough sloggin
uphill - looking for best way to
stake, covering this area run
pre-hin survey line for claim - ck

Dec 17 -42°C clear & cold

started organizing samples to
send in when I go to town in
a few days - realized I lost
last few soil samples from
Spinks - took snowmachine
out to where I probably lost them
when I dumped sled on river
but couldn't find them - too cold to
look more so came back to camp.

39

(40)

(41)

Dec 19/00

- sieved soil samples w/ 10 mesh screen, then split them keeping $\frac{1}{2}$ & will send other $\frac{1}{2}$ to assaying
- split hundred samples & saved $\frac{1}{2}$
- packed up samples to freight to town & ship out

Dec 20/00

snowmachine over road to town to take samples in for assay

(36)

Dec 9 -12°C mostly clear & sunny

back to Sparks Ck w/ snow machine
walked further up ck - fairly
tough going as channel is too
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approx 1/2 mile up ck channel.

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Sparks Ck
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fresh moose tracks.

* M58SS RL soil sample sandy

* M59SS LL soil sample from
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* missing?

(37)

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& Bar's ck - rough sloggin
uphill - looking for best way to
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started organizing samples to
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