Preliminary
Geochemical Prospecting Report
On the
Wolf 1-42, MB 1-6, Pyrex 1-4
On NTS map sheets 1150-01, 115J-15/16
UTM O7V 0628100 E
6987600 N
in the Dawson Mining District
Yukon Territory

094297

Work performed between July 21 and July 29, 2001

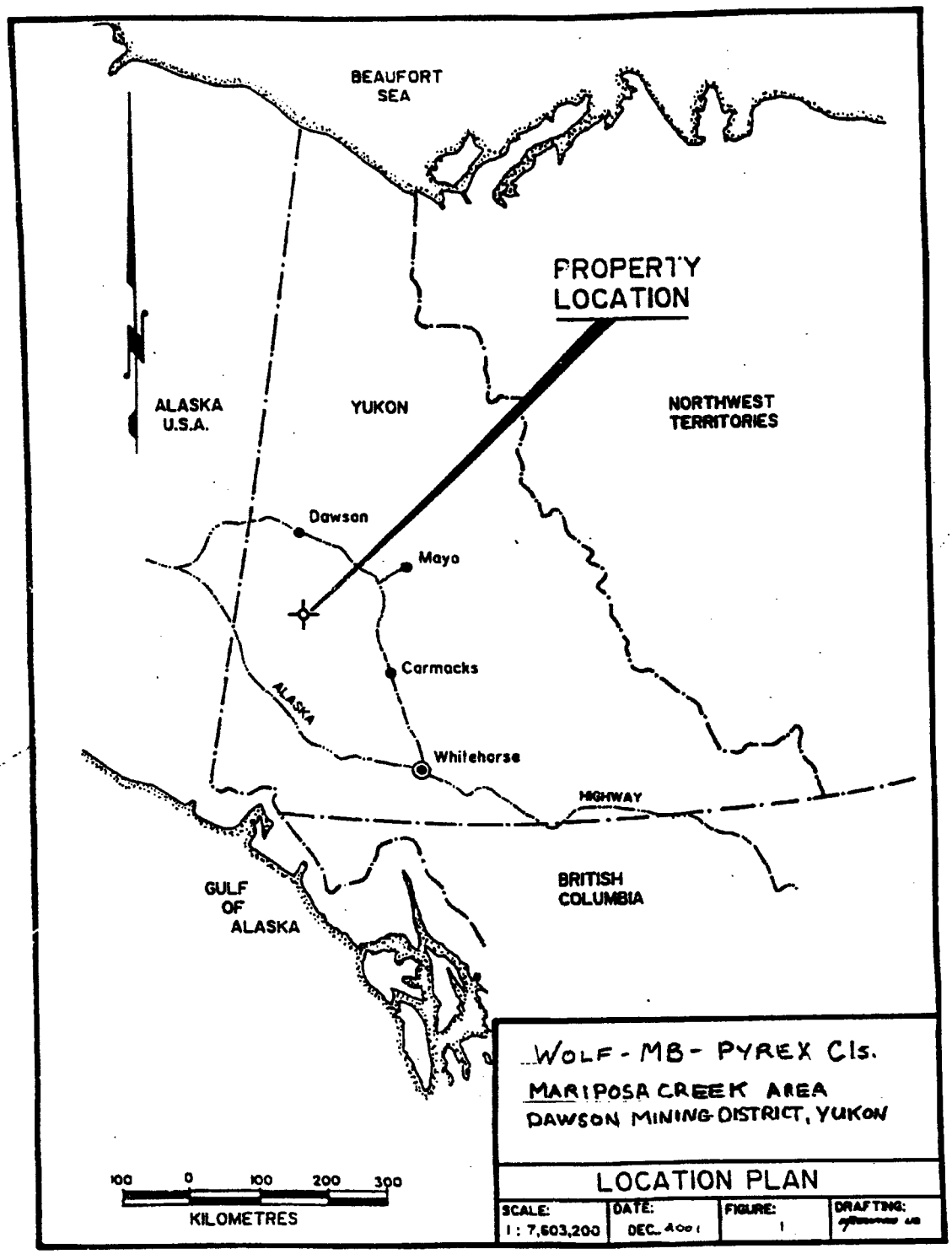
Table of Contents

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 7800.

for Regional Manager, Exploration and Geological Services for Commissioner of Yukon Territory.

REPORT PREPARED BY

Tom Morgan--------prospector
Vern Matkovich----prospector


BEAUFORT SEA
PROPERTY LOCATION
ALASKA U.S.A.
YUKON
NORTHWEST TERRITORIES
Dawson
Mayo
Carmacks
ALASKA
Whitehorse
HIGHWAY
BRITISH COLUMBIA
GULF OF ALASKA
100 0 100 200 300
KILOMETRES
WOLF - MB - PYREX Cls.
MARIPOSA CREEK AREA
DAWSON MINING DISTRICT, YUKON
LOCATION PLAN
SCALE: 1 : 7,603,200
DATE: DEC. 2001
FIGURE: 1
DRAFTING:

Introduction

The Mariposa Creek claim block, comprised of WOLF 1-42, MB 1-6,and PYREX 1-4, was prospected from July 21 to July 29, 2001 and twenty-two samples (three rock and seventeen soils) were taken at that time. Tom Morgan and Vern Matkovich worked for a total of 17 man/days over 9 days. Most of this seasons work was done on the WOLF CLAIMS 24-42 , staked on Aug. 12 , 2000.

This project was a group effort of pooled resources from Stuart Schmidt, Vern Matkovich, Carl Jonas, Tom Morgan and the Bidrman family. The property ownership is as listed in the Indian and Northern Affairs Claim

Indian and Northern Affairs Canada | Affaires indiennes et du Nord Canada

Claim Status Report

22 January 2002

	Claim Name and Nbr.	Grant No.	Expiry Date	Registered Owner	% Owned	NTS #'s
R	Wolf 1 - 22	YC17355 - YC17376	2002/11/30	Carl J.J. Jonas	25.00	115-J-15 ,
				Stuart Schmidt	25.00	115-J-16 ,
				Tom Morgan	25.00	115-O-01
				Vernon Matkovich	25.00	
R	Pyrex 1 - 4	YC17406 - YC17409	2002/11/30	Michal Bidrman	100.00	115-O-01
R	MB 1 - 6	YC17410 - YC17415	2002/11/30	Michal Bidrman	100.00	115-O-01 , 115-J-16
R	Wolf 23 - 42	YC20245 - YC20264	2002/11/30	Carl J.J. Jonas	25.00	115-J-16 ,
				Stuart Schmidt	25.00	115-O-01 ,
				Tom Morgan	25.00	115-O-02 ,
				Vernon Matkovich	25.00	115-J-15

Criteria(s) used for search:

CLAIM STATUS: ACTIVE & PENDING DOCUMENT NUMBER: QD00333 REGULATION TYPE: QUARTZ

Left column indicator legend:

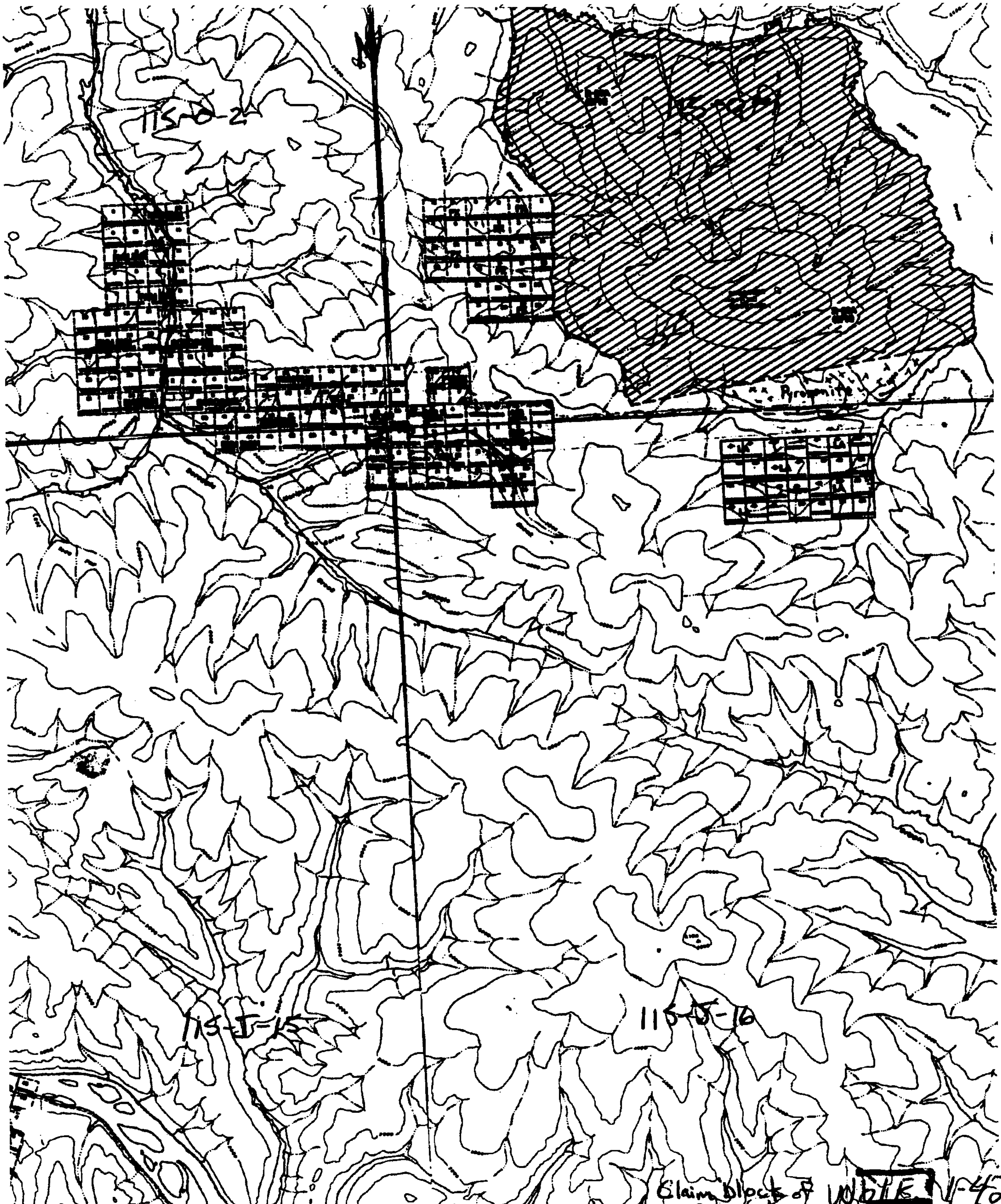
R - Indicates the claim is on one or more pending renewal(s).
P - Indicates the claim is pending.

Right column indicator legend:

L- Indicates the Quartz Lease.

Total claims selected : 52

Canada


115-O-2
115-I-15
115-O-16
Claim block of Report
1-42
PYREX 1-4

Location and Access

The claim block, which is comprised of WOLF 1-42, PYREX 1-4, and MB 1-6, is located on the upper end of Mariposa Creek in the Dawson Mining District. The area is located on map sheets 115-J-15, 115-J-16 and 115-0-1.
Easting boundaries - 07V 0626250 to 0630000
Northing boundaries - 6986750 to 6989250.

The claim block is accessed by flying to Scroggie Creek airstrip near Bidrman's placer mining operation at UTM 07V 0622100
6990750
The old mining road along Scroggie Creek is then followed 4km upstream to Butterworth's old mining camp by the mouth of Mariposa Creek. This is where we based our operations from. From there to the start of the claim block is another 2 km up Mariposa Creek on the old mining road.

A winter access road runs from Pelly Crossing to Scroggie Creek over a distance of 145 km. This road travels through Pelly Farm , two miles up from the confluence of the Pelly and Yukon rivers. Heavy equipment accesses the Scroggie Creek area this way.

Work Performed and Rationale

A total of 15 soil samples, 4 stream silts and three rock samples were taken while prospecting the WOLF 1-42, PYREX 1-4, and MB 1-6 claim blocks during the 2001 season. These claims are all adjoining on map sheets 115-J-15, 115-J-16, and 115-0-01.Seventeen man/days over a period of nine days were spent traveling, prospecting and collecting samples. The ground was staked after researching " Pogo " style deposits, which it appeared to resemble in it's geology and geophysics. (being that it is next to a large granitic body of proposed Cretaceous age and situated along a linear N.W. trending magnetic high with a corresponding magnetic low against it). Coupled with this is the fact that this area has produced a large amount of placer gold, thus making it an appealing target.

WOLF CLAIMS 24-42 , which were added to the original claim block in Aug. of 2000, had been staked previously by Ron McFee in the 1980's. A geochem program had been done by McFee at that time and some samples had shown anomalous Au values. Part of this seasons focus was to try to sample in the areas described in McFee's report and possibly identify these anomalous areas.

Placer mining on Mariposa Creek has left bedrock exposed throughout the claim block. These bedrock exposures were examined and rock samples were taken in quartz veins with extensive pyrite on WOLF CLAIMS 41 and 42. The placer tailings show extensive staining throughout these two claims, starting opposite the mouth of the right limit trib. that enters Mariposa Creek in WOLF CLAIM 42 and extending upstream approx. 500m.

Tom Morgan was flown to the Scroggie Creek airstrip on July 21 by Stuart Schmidt in a Cessna 185. A disassembled Honda 4 wheel ATV was also flown in on this load and reassembled the following day. Vern Matkovich was flown in on July 22 with the supplies and equipment, and everything was moved to the old placer mine camp at the mouth of Mariposa Creek. This camp was used as a base camp, with the permission of the Bidrman family .

Heavy rain on July 23 confined work to the old placer mine cuts on Mariposa Creek, starting at the first right limit trib. that enters on WOLF CLAIM 42. On July 24, both prospectors traversed up this trib., digging and sampling in a circular depression at the mouth that appears to be a very old meteor strike, then traversed through WOLF CLAIMS 29 and 31, examined any exposures and took a line of soil samples on the ridge at the head of the trib. July 25, sampling was done on pyritized quartz veins exposed by placer mining on WOLF CLAIMS 41 and 42. On July 26, work progressed upstream on Mariposa Creek through WOLF CLAIMS 1- 8 , examined bedrock exposed in mining operations and took stream silts on left limit tribs. On July 27 tests were done on gravels on WOLF CLAIMS 26 27 &28, some gold was found. July 28, both prospectors traversed on MB CLAIMS 3 and 5 , and soil samples were taken. Tom Morgan and Vern Matkovich were flown out to Quartz Creek airstrip on July 29. The Honda ATV was driven out to Pelly Farm in Sept/01.

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15'
63°00'
45'

Regional Geological Legend
115-J-15 and 115-J-16

by D.J Templeman-Kluit

PPsn:- Proterzoic (and/or) Paleozoic	**schist gneiss;** brownish weathering, gray feldspar mica schist; includes amphibolite and augen gneiss and minor marble undifferentiated; includes rocks of Pelly Gneiss and Klondike Schist undifferentiated.
PPgdn	**Pelly Gneiss;** strongly foliated to gneissic muscovite chlorite biotite granodiorite; minor augen gneiss; grades locally to garnetiferous amphibolite.
Trgdm:- Triassic(?)	**hornblende granodiorite;** dark gray weathering, course grained equigranular biotite hornblende granodiorite to quartz diorite; commonly shows layering or foliation by alignment of mafics.
Tg	**Coffee Creek Granite;** course grain equigranular, homogenous, biotite granite and quartz monzonite.

MAP 16-1975
PAPER 73-41
GEOLOGY SNAG
YUKON
Scale 1: 250,000

Regional Geological Legend
115-0-1 and 115-0-2

by H. S. Bostock

RECENT
8-Stream deposits

TERTIARY AND MODERN
7-Stream deposits

SELKIRK SERIES
6-Basalt, andesite

TERTIARY
EOCENE OR LATER
5-Granite porphyry, syenite porphyry
4-Andesite, basalt, dacite, trachyte, rhyolite; breccia, tuff, agglomerate

EOCENE
3-Conglomerate, sandstone, shale, coal; tuff

JURASSIC OR LATER
2-Chiefly granite and granodiorite

ORDOVICIAN OR LATER
1-Argilite, sandstone, conglomerate

PRECAMBRIAN AND LATER
A-Chiefly gneissic granite
B-Klondike schist: sericite schist, minor chlorite schist
C- Gabbro, pyroxene, peridotite, serpentine
D-Limestone
E-Gneiss, quartzite, schist, slate

MAP 711A
OGILVIE, YUKON
Scale 1: 253,440
One inch to 4 miles

MAP 7840G SHEET 115 J 115 K E 1/2

SNAG 1

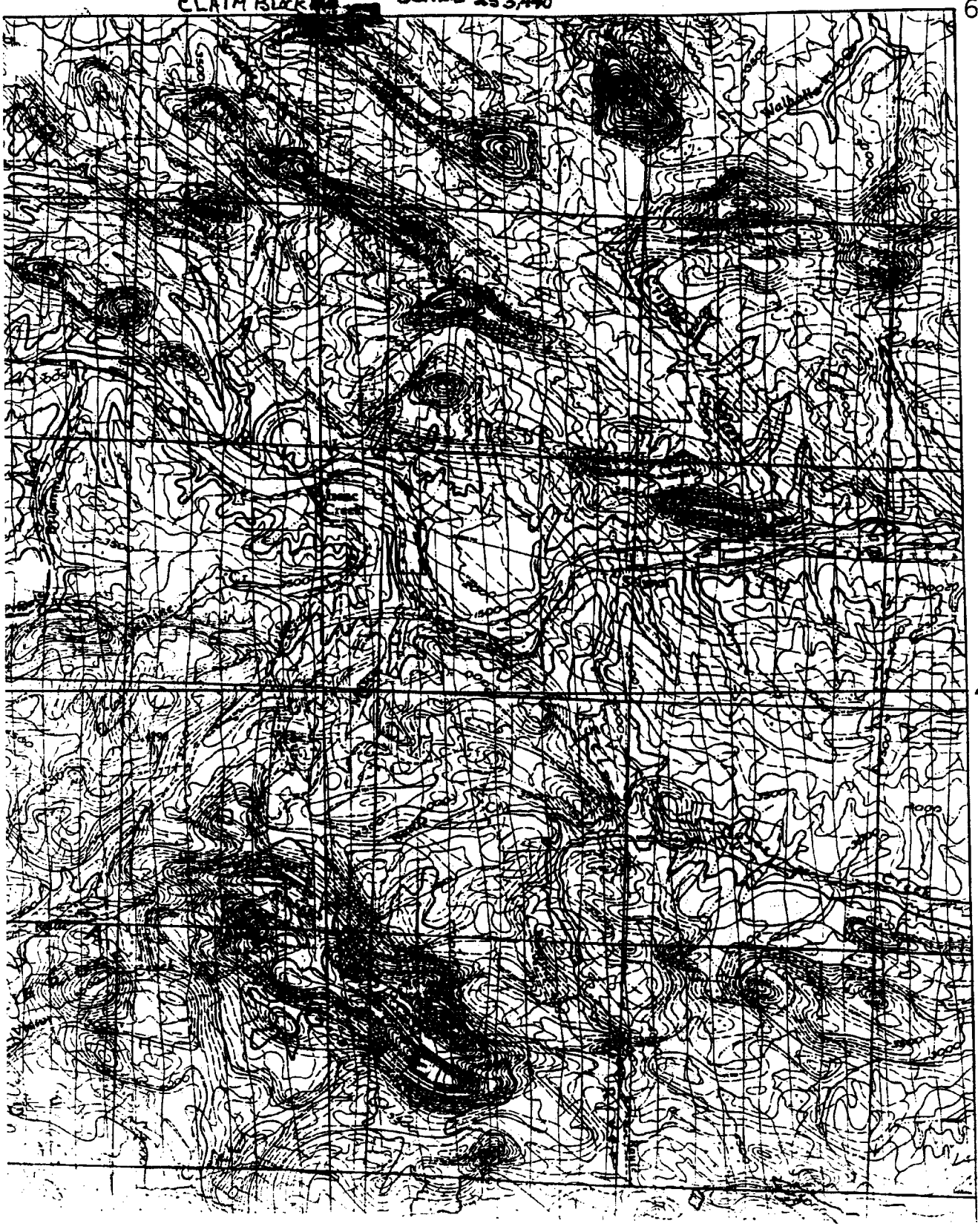
SCALE 1/253,440

30'

138°00'

CLAIM BLOCK

63°00



45'

Sample Descriptions and Locations

WF-21-X -001- Soil sample of C horizon , red to tan color. Taken at 55cm depth. Apparent contact of schist with fine grain volcanics.
UTM 07V 0625580 **WOLF 31 YC20253**
6987906

WF-21-X-002 - Soil sample of C horizon; quartzite schist
WOLF 33 YC20257
UTM 07V 0626013
6988512

WF-21-X-003 - Soil sample of quartzite schist, C horizon. .
50m. north of X-002 **WOLF 33 YC20257**

WF-21-X-004 - soil sample in decayed schist, C horizon..
50m. north of X-003 **WOLF 33 YC20257**

WF-21-X-005 - Soil sample of C horizon ,in fine grained volcanics.
50m. north of X-004 **WOLF 33 YC20257**

WF-21-X-006- Soil sample of C horizon ,decayed quartz.
50m. north of X-005 **WOLF 33 YC20257**

WF-21-X-007- Soil sample of C horizon, decayed bedrock
50m. north of X-006 **PYREX 33 YC20257**

WF-21-X-008-Soil sample of C horizon, decayed bedrock.
50m. north of X-007 **WOLF 33 YC20257**

WF-21-X-009 -Soil sample of C horizon, decayed bedrock.
50m. north of X-008 **WOLF 33 YC20257**

WF-21-X-010-Soil sample of C horizon ,decayed bedrock.
50m. north of X-009 **WOLF 33 YC20257**

WF-21-R-011- Rock sample of quartz vein.
UTM 07V 0625339 **WOLF 40 YC20262**
6987529

WF-21-X-012-Soil sample of reddish-brown soil on road cut to Mariposa Creek.
WOLF 42 YC20264

.....sample descriptions and locations con't...

WF-21-X-013 Soil sample of reddish-brown soil on road cut to Mariposa Creek.
UTM 07V 0629083 **MB 1 YC17410**
6987662

WF-21-R-014 Rock sample of amphibolite-schist bedrock, 1m chip.-
UTM 07V 0625637 **WOLF 41 YC20263**
6987541

WF-21-R-015 Rock sample of amphibolite schist, creek float..
50m. upstream from –R-014 **WOLF 41 YC20263**

WF-21-R-016- Rock sample of creek float, disseminated pyritic granitic schist
50m. upstream from –R-015 **WOLF 41 YC20263**

WF-21-R-018- 2m. chip of pyritized granitic dike material..
UTM 07V 0625486 **WOLF 41 YC20263**
6987507

WF-21-S-019- Stream silt sample, third left limit drainage on Mariposa Creek.
UTM 07V 0625926 **WOLF 41 YC20263**
6987506

WF-21-S-020- Stream silt sample.
UTM 07V 0626439 **WOLF 41 YC20263**
6987589

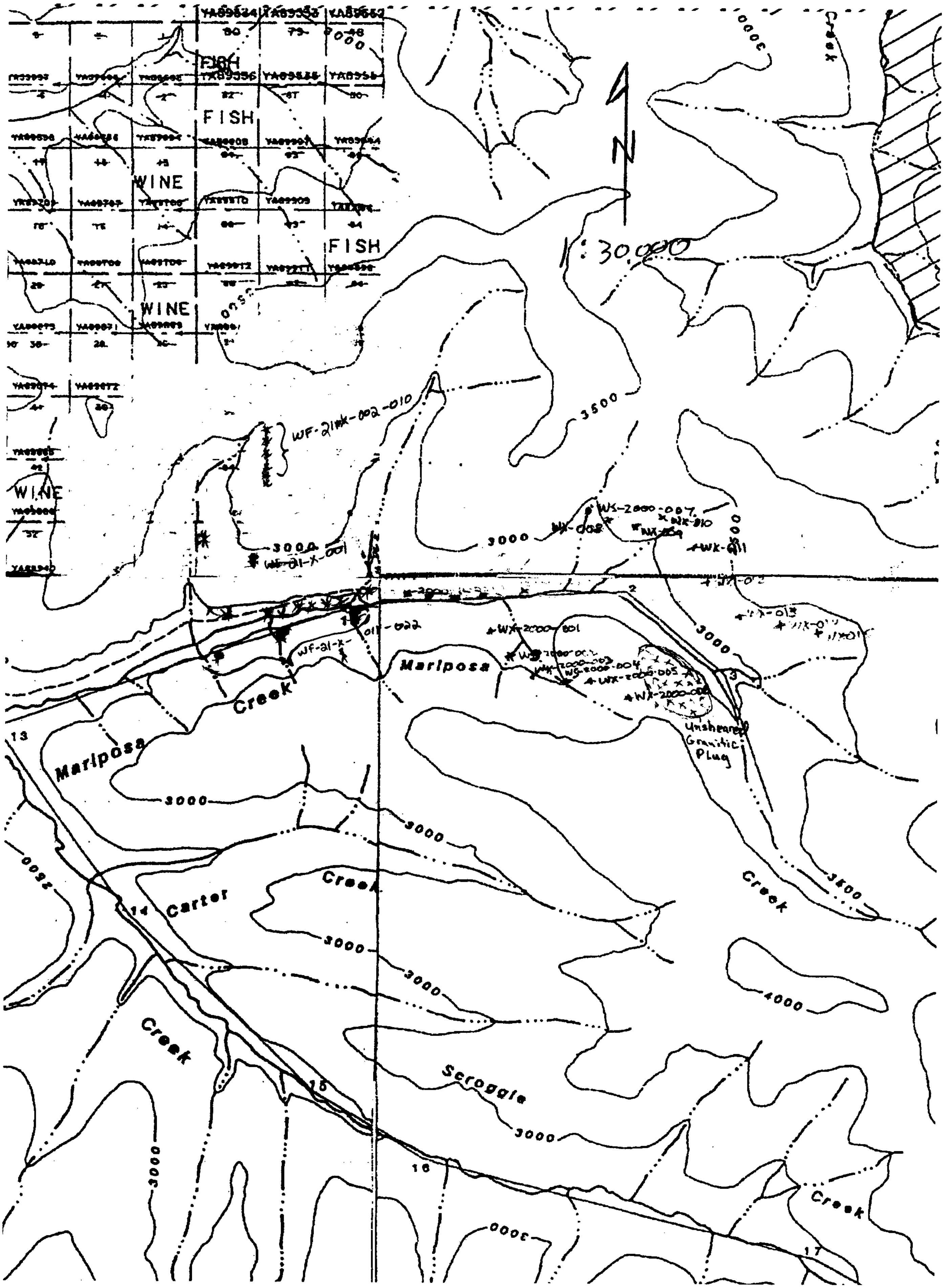
WF-21- S-021-Stream silt sample,
UTM 07V 0625344 **WOLF 42 YC20264**
6987333

WF-21-S-022-Stream silt sample.
UTM 07V 0625365 **WOLF 42 YC20264**
6988619

MB-21-X-001-Stream silt sample
UTM 07V 0629750 **MB 5 YC17414**
6986891

MB-21-X-002-Stream silt sample
UTM 07V 0629508 **MB 5 YC17414**
6987266

MB-21-X-003-Stream silt sample.
UTM 07V 0629272 **MB 3 YC17412**
6987234



FISH
WINE
FISH
WINE
FISH
WINE
N
1:30,000
3500
3000
WF-21-X-001
Mariposa
Creek
Mariposa
Unsheared Granitic Plug
Carter
Creek
Creek
Scroggie
4000
Creek
Creek
13
14
15
16
17

SAMPLE locations

Tabulations of Au Sample Results.

	Sample #	Au ppb
r	WF-21-R-011	5
r	WF-21-R-016	8
r	WF-21-R-018	2530
s	WF-21-S-019	10
s	WF-21-S-020	10
s	WF-21-S-021	8
s	WF-21-S-022	13
s	MB-21-X-001	22
s	MB-21-X-002	10
s	MB-21-X-003	15
s	WF-21-X-001	11
s	WF-21-X-002	9
s	WF-21-X-003	17
s	WF-21-X-004	72
s	WF-21-X-005	10
s	WF-21-X-006	20
s	WF-21-X-007	11
s	WF-21-X-008	17
s	WF-21-X-009	6
s	WF-21-X-010	37
s	WF-21-X-012	12
s	WF-21-X-013	17

Recommendations and Conclusions

The line of soil samples (WF-21-X-002 – WF-21-X-010) taken on WOLF CLAIM 33 returned with one minor anomaly in sample WF-21-X 004 with 72 ppb Au. Being that this sample line is located on top of a flat plateau above the head of the left limit tributary to Mariposa Creek, and is in the zone of the lineament intersection targeted by the McFee program in 1988, more testing seems warranted. More hand dug test pits and sampling should be done to the west of this soil line , along the slopes of the top end of the tributary.

The rock sample taken from the pyritc granitic dike material on Mariposa Creek opposite the mouth of the above mentioned tributary (WOLF CLAIM 41) returned an anomalous value of 2530 ppb Au. (WF-21-R-018) Further work should be done to determine the size and orientation of this structure.

If the results of further sampling at the above locations indicates mineralization of more economic proportions, then a small mag- VLF geophysics program should be done to help identify and expose these zones.

Statement of Expense

July 21–29/2001
Mariposa Creek

Labour - Prospecting, sampling, transportation. 12 man/days @ $250.00/day	$5100.00
Supplies - Groceries, fuel, sample gear, etc.	$600.00
4-Wheeler Rental – 1.5 wks @ $500.00/wk.	$750.00
185 Cessna – Dawson/Scroggie - 3 Flights	$1050.00
Assays - 22 Samples	$552.66
Report Writing	$500.00
Total Expenditures –	$8552.66

Personnel –

Vern Matkovich – 8 days	Prospecting, sampling and travel.
Tom Morgan - 9 days	
= 17 man days	

Northern Analytical Laboratories ltd.

105 Copper Road
Whitehorse, Yukon
Y1A 2Z7
Ph: (867) 668-4968
Fax: (867) 668-4890
E-mail: NAL@yknet.yk.ca

Invoice for Analytical Services

To:
!9651 Yukon Inc, Tom Morgan

Invoice Date: 14/08/2001

WO# 00197

QTY	DESCRIPTION	UNIT PRICE	AMOUNT
	Sample Preparation:		
5	Rock/D.C. Sample Preparation	5.50	27.50
19	Soil/Sediment Sample Preparation	2.00	38.00
	Analyses:		
22	Au + 30	17.50	385.00
2	Au, Pt, Pd 30g FA/AAS	25.00	50.00
2	ICP 30 Elements	8.00	16.00

Subtotal	516.50
GST @7% (R 121285662)	36.16
Total due on receipt of invoice	$552.66

2% per month charged on overdue accounts

Northern Analytical Laboratories ltd.

105 Copper Road
Whitehorse, Yukon
Y1A 2Z7
Ph: (867) 668-4968
Fax: (867) 668-4890
E-mail: NAL@yknet.yk.ca

14/08/2001

Certificate of Analysis

of pages (not including this page): 1

!9651 Yukon Inc, Tom Morgan

WO# 00197

Certified by
Justin Lemphers (Senior Assayer)

Date Received: 02/08/01

SAMPLE PREPARATION:

Code	# of Samples	Type	Preparation Description (All wet samples are dried first.)
r	3	rock	Crush to -10 mesh; riffle split 200g; pulverize to -100 mesh
s	19	soil	Screen -80 mesh

ANALYTICAL METHODS SUMMARY:

Symbol	Units	Element	Method (A:assay) (G:geochem)	Fusion/Digestion	Lower Limit	Upper Limit
Au	ppb	Gold	G: FA/AAS	15g FA / aqua regia	5	7000

AAS = atomic absorption spectrophotometry
FA = fire assay

1000ppb = 1ppm = 1g/mt = 0.0001% = 0.029166oz/ton

CERTIFICATE OF ANALYSIS
iPL 01H0914

INTERNATIONAL PLASMA LABORATORY LTD.
2036 Columbia Street
Vancouver, B.C.
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898
Email ipl@direct.ca

[091417:52:11:10081601]

Northern Analytical Laboratories

24 Samples Out: Aug 16, 2001 In: Aug 14, 2001

Project : WO#00197
Shipper : Norm Smith
Shipment: PO#: 568121
Analysis:
Au/Pt/Pd(FA/AAS 30)
ICP(AqR)30
Comment:

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP	REJECT
B31100	24	Pulp	Pulp received as it is, no sample prep.	12M/Dis	DOM/Dis

NS=No Sample Rep=Replicate M=Month Dis=Discard

Document Distribution

1 Northern Analytical Laboratories
105 Copper Road
Whitehorse
YT Y1A 2Z7
Canada
Att: Norm Smith

EN	RT	CC	IN	FX
1	2	1	1	0

DL	3D	EM	BT	BL
0	0	0	0	0

Ph:867/668-4968
Fx:867/668-4890
Em:nal@yknet.yk.ca

Analytical Summary

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0313	FA/AAS	ppb	Au FA/AAS finish 30g	Gold	2	10000
02	0331	FA/AAS	ppb	Pt FA/AAS finish 30g in ppb	Platinum	15	10000
03	0341	FA/AAS	ppb	Pd FA/AAS finish 30g in ppb	Palladium	1	10000
04	0721	ICP	ppm	Ag ICP	Silver	0.1	100.0
05	0711	ICP	ppm	Cu ICP	Copper	1	20000
06	0714	ICP	ppm	Pb ICP	Lead	2	20000
07	0730	ICP	ppm	Zn ICP	Zinc	1	20000
08	0703	ICP	ppm	As ICP	Arsenic	5	10000
09	0702	ICP	ppm	Sb ICP	Antimony	5	1000
10	0732	ICP	ppm	Hg ICP	Mercury	3	10000
11	0717	ICP	ppm	Mo ICP	Molydenum	1	1000
12	0747	ICP	ppm	Tl ICP (Incomplete Digestion)	Thallium	10	1000
13	0705	ICP	ppm	Bi ICP	Bismuth	2	10000
14	0707	ICP	ppm	Cd ICP	Cadmium	0.1	100.0
15	0710	ICP	ppm	Co ICP	Cobalt	1	10000
16	0718	ICP	ppm	Ni ICP	Nickel	1	10000
17	0704	ICP	ppm	Ba ICP (Incomplete Digestion)	Barium	2	10000
18	0727	ICP	ppm	W ICP (Incomplete Digestion)	Tungsten	5	1000
19	0709	ICP	ppm	Cr ICP (Incomplete Digestion)	Chromium	1	10000
20	0729	ICP	ppm	V ICP	Vanadium	2	10000
21	0716	ICP	ppm	Mn ICP	Manganese	1	10000
22	0713	ICP	ppm	La ICP (Incomplete Digestion)	Lanthanum	2	10000
23	0723	ICP	ppm	Sr ICP (Incomplete Digestion)	Strontium	1	10000
24	0731	ICP	ppm	Zr ICP	Zirconium	1	10000
25	0736	ICP	ppm	Sc ICP	Scandium	1	10000
26	0726	ICP	%	Ti ICP (Incomplete Digestion)	Titanium	0.01	1.00
27	0701	ICP	%	Al ICP (Incomplete Digestion)	Aluminum	0.01	10.00
28	0708	ICP	%	Ca ICP (Incomplete Digestion)	Calcium	0.01	10.00
29	0712	ICP	%	Fe ICP	Iron	0.01	10.00
30	0715	ICP	%	Mg ICP (Incomplete Digestion)	Magnesium	0.01	10.00
31	0720	ICP	%	K ICP (Incomplete Digestion)	Potassium	0.01	10.00
32	0722	ICP	%	Na ICP (Incomplete Digestion)	Sodium	0.01	5.00
33	0719	ICP	%	P ICP	Phosphorus	0.01	5.00

EN=Envelope # RT=Report Style CC=Copies IN=Invoices Fx=Fax(1=Yes 0=No) Totals: 1=Copy 1=Invoice 0=3½ Disk
DL=Download 3D=3½ Disk EM=E-Mail BT=BBS Type BL=BBS(1=Yes 0=No) ID=C030901
* Our liability is limited solely to the analytical cost of these analyses.

BC Certified Assayer: David Chiu

INTERNATIONAL PLASMA LABORATORY LTD
2036 Columbia Street
Vancouver, B.C.
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898
Email ipl@direct.ca

CERTIFICATE OF ANALYSIS
iPL 01H0914

Client : Northern Analytical Laboratories
Project: WO#00197

24 Samples
24=Pulp

[091417:52:11:10081601]

Out: Aug 16, 2001
In : Aug 14, 2001

Sample Name	Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm
WF-21-R-011	Pulp	—	—	—	0.2	18	20	35	<5	<5	<3	4	<10	<2	<0.1	15	39	466	<5
WF-21-R-014	Pulp	<2	<15	<1	0.2	20	19	60	<5	<5	<3	2	<10	<2	<0.1	12	1	82	<5
WF-21-R-015	Pulp	<2	<15	<1	0.3	12	14	37	<5	<5	<3	1	<10	<2	<0.1	11	9	52	<5
WF-21-R-016	Pulp	—	—	—	0.1	21	15	25	<5	<5	<3	1	<10	<2	<0.1	10	3	61	<5
WF-21-R-018	Pulp	—	—	—	3.9	90	35	6	<5	<5	<3	12	<10	<2	<0.1	21	16	12	<5
WF-21-S-019	Pulp	—	—	—	<0.1	9	7	48	<5	<5	<3	2	<10	<2	<0.1	11	5	161	<5
WF-21-S-020	Pulp	—	—	—	0.1	16	11	61	<5	<5	<3	2	<10	<2	<0.1	9	7	133	<5
WF-21-S-021	Pulp	—	—	—	<0.1	14	10	75	<5	<5	<3	3	<10	<2	<0.1	16	14	317	<5
WF-21-S-022	Pulp	—	—	—	0.4	23	16	86	<5	<5	<3	3	<10	<2	<0.1	15	11	400	<5
MB-21-X-001	Pulp	—	—	—	0.7	17	19	79	<5	<5	<3	3	<10	<2	<0.1	14	7	213	<5
MB-21-X-002	Pulp	—	—	—	<0.1	9	10	46	<5	<5	<3	2	<10	<2	<0.1	7	8	147	<5
MB-21-X-003	Pulp	—	—	—	0.3	13	10	64	<5	<5	<3	3	<10	<2	<0.1	12	8	183	<5
WF-21-X-001	Pulp	—	—	—	0.2	17	16	53	<5	<5	<3	3	<10	<2	<0.1	11	17	609	<5
WF-21-X-002	Pulp	—	—	—	<0.1	17	12	75	<5	<5	<3	4	<10	<2	<0.1	15	17	196	7
WF-21-X-003	Pulp	—	—	—	0.2	15	11	68	<5	<5	<3	2	<10	<2	<0.1	13	13	203	<5
WF-21-X-004	Pulp	—	—	—	<0.1	24	15	56	<5	<5	<3	2	<10	<2	<0.1	12	22	282	<5
WF-21-X-005	Pulp	—	—	—	<0.1	22	13	50	<5	<5	<3	3	<10	<2	<0.1	14	48	228	<5
WF-21-X-006	Pulp	—	—	—	<0.1	19	12	59	<5	<5	<3	5	<10	<2	<0.1	11	14	230	<5
WF-21-X-007	Pulp	—	—	—	<0.1	21	9	64	<5	<5	<3	3	<10	<2	<0.1	14	16	241	<5
WF-21-X-008	Pulp	—	—	—	<0.1	20	13	58	<5	<5	<3	3	<10	<2	<0.1	13	19	248	<5
WF-21-X-009	Pulp	—	—	—	0.3	15	14	75	<5	<5	<3	3	<10	<2	<0.1	17	16	310	<5
WF-21-X-010	Pulp	—	—	—	<0.1	31	11	59	<5	<5	<3	3	<10	<2	<0.1	13	20	315	<5
WF-21-X-012	Pulp	—	—	—	<0.1	21	22	56	<5	<5	<3	6	<10	<2	<0.1	6	3	215	<5
WF-21-X-013	Pulp	—	—	—	0.1	22	22	62	<5	<5	<3	6	<10	<2	<0.1	6	3	185	<5
Minimum Detection		2	15	1	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5
Maximum Detection		10000	10000	10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	100.0	10000	10000	10000	1000
Method		FA/AAS	FA/AAS	FA/AAS	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

——=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

INTERNATIONAL PLASMA LABORATORY LTD
2036 Columbia Street
Vancouver, B.C.
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898
Email ipl@direct.ca

CERTIFICATE OF ANALYSIS
iPL 01H0914

Client : Northern Analytical Laboratories
Project: WO#00197

24 Samples
24=Pulp

[091417:52:11:10081601]

Out: Aug 16, 2001
In : Aug 14, 2001

Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
WF-21-R-011	97	47	321	<2	18	1	4	0.10	1.21	0.87	1.87	1.32	0.26	0.10	0.11
WF-21-R-014	72	16	376	8	10	2	1	0.11	1.05	0.29	2.19	0.83	0.42	0.02	0.05
WF-21-R-015	62	42	269	3	22	1	4	0.07	0.72	0.92	1.44	0.59	0.07	0.09	0.12
WF-21-R-016	60	8	150	7	8	1	1	0.04	0.47	0.13	1.46	0.31	0.12	0.02	0.02
WF-21-R-018	132	7	31	<2	4	1	<1	<0.01	0.10	0.04	3.90	0.08	0.03	0.01	0.01
WF-21-S-019	13	34	440	8	15	<1	2	0.06	0.93	0.34	1.82	0.46	0.06	0.01	0.05
WF-21-S-020	14	35	238	8	13	1	2	0.06	0.97	0.32	1.71	0.46	0.10	0.01	0.07
WF-21-S-021	22	56	663	11	19	1	4	0.10	1.45	0.57	2.66	0.88	0.16	0.02	0.10
WF-21-S-022	17	47	1082	15	36	2	4	0.09	1.51	0.67	2.69	0.72	0.21	0.02	0.07
MB-21-X-001	15	54	594	7	21	1	4	0.09	1.52	0.32	2.49	0.69	0.13	0.02	0.07
MB-21-X-002	13	31	245	8	15	1	2	0.05	0.99	0.26	1.54	0.31	0.05	0.01	0.04
MB-21-X-003	14	45	385	7	18	1	3	0.07	1.29	0.32	2.15	0.56	0.11	0.02	0.06
WF-21-X-001	26	57	309	6	15	3	3	0.06	1.91	0.15	2.68	0.55	0.07	0.01	0.02
WF-21-X-002	33	77	534	8	11	4	6	0.13	2.75	0.15	3.60	0.91	0.23	0.02	0.05
WF-21-X-003	20	51	571	16	14	3	5	0.14	1.68	0.21	2.70	0.89	0.26	0.02	0.03
WF-21-X-004	29	54	417	18	17	4	6	0.09	1.74	0.20	2.71	0.67	0.06	0.02	0.03
WF-21-X-005	48	59	397	18	23	6	6	0.07	1.98	0.30	2.81	1.05	0.04	0.02	0.04
WF-21-X-006	27	45	538	30	23	6	7	0.11	1.79	0.48	2.95	0.96	0.43	0.01	0.07
WF-21-X-007	21	62	497	16	15	5	5	0.11	1.95	0.23	3.08	0.74	0.17	0.01	0.04
WF-21-X-008	27	64	406	13	16	4	5	0.08	1.98	0.19	3.08	0.69	0.08	0.02	0.03
WF-21-X-009	37	101	487	7	12	2	6	0.16	2.39	0.22	3.51	1.29	0.34	0.02	0.05
WF-21-X-010	35	59	389	17	22	4	6	0.06	1.98	0.30	2.79	0.73	0.06	0.02	0.02
WF-21-X-012	6	23	188	22	34	2	2	0.07	1.02	0.21	2.71	0.37	0.18	0.03	0.04
WF-21-X-013	6	24	185	21	32	2	2	0.08	1.03	0.19	2.80	0.38	0.20	0.04	0.04
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	10.00	10.00	10.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

Bibliography

Geology from GSC publication - MAP 16-1973
Paper 73-41
Geology
115-J&K SNAG YUKON TERRITORY
by: D. J. Templeman-Kluit

Geophysics from GSC publication - AEROMAGNETIC SERIES
Geophysics Paper 7840G
SNAG, YUKON TERRITORY
Sheet 115-J ,115-K E1/2

Geology from GSC publication - MAP 711A
Ogilvie
Yukon Territory
Geology by H. S. Bostock
1935, 1936, 1937
published 1942
reprinted 1974

From McFee Report - 1988
by D. Waugh.

Geology

The WINE and FISH group of claims appear to be completely underlain by rocks of the YUKON GROUP, unit E of the Ogilvie Map 711A, mapped by H. S. Bostock 1935-37. Locally the unit consists of gneiss, quartzite with some schist and slate.

Two intersecting lineaments, based on two separate two remote sensing studies, were interpreted to exist on the FISH/WINE claims with their foci located by a small south flowing tributary of Mariposa Creek on mineral claim FISH 94. This point was the focus of prospecting and rock sampling for much of the survey. Since the remote sensing data was not verified on the ground by a qualified person the fault inference remains an uncertainty.

Based on samples of bedrock submitted to the author of the claims are apparently underlain by gneiss and schist with clear, sugary textured, barren quartz-feldspar lenses that are sometimes rusty on fractures. The most common rock type as a lit-par-lit gneiss composed of alternating quartz-feldspar bands and amphibole-biotite-plagioclase bands.

FROM McFee Report – 1988
by D. Waugh.

Grid

Two lines that approximately follow the trace of the lineaments, established by remote sensing studies, were located on the ground by chain and flagging. The point of intersect of these lines is located 150 metres from claim post 1, WINE 37 - 38 and claim post 2, FISH 92 and 94 at a bearing of 134°. Control Line Number 1 has a bearing of 118° and Control Line Number 2 has a bearing of 78°. The point of origin of these control lines is located in a creek at the bottom of a v-shaped valley that flows southward into Mariposa Creek. The lines were chained and flagged at 25 metre intervals. See figures 4 and 5 of this report for control line locations.