

**PROSPECTING REPORT FOR THE
1992 YUKON MINING INCENTIVES PROGRAM**

GRASSROOTS FILE NO. 92107

AREAS PROSPECTED

SHELL CREEK

FANNING CREEK

S.F. CREEK

NTS 116C-09

Sylvain Fleurant
Post Office 404
Dawson City, Yukon
Y0B 1G0
(403) 993-5488

SHELL CREEK

SHELL CREEK
(Target #1)

Location

NTS 116C-09
Latitude 64° 35' North; Longitude 140° 20' West
Tributary of the Yukon River

Access

By boat approximately 80 miles downstream from
Dawson City
Alternate route by 4x4 truck "Top of the World"
highway 50 miles to Clinton Creek mine road cutoff
and 20 miles to Fortymile Landing on the Yukon
River, then by boat 50 miles downriver

History

Staked as Hans and Luck claims (Quartz Grant No.
78188, etc.) in January 1957 by Hans and Werner
Krause;
Optioned in October 1957 to Asbestos Corporation;
Optioned in December 1961 to Peso Silver;
Restaked in September 1967 by Selwyn Corporation;
Claims lapsed in 1970;
Major metal sought was iron.

Regional Geology

Early tertiary; brown weathering conglomerate,
argillite, minor tuffs, quartz porphyry, mafic
dykes;
"Rocks of Nasina Series" - quartzites, quartz,
mica, chlorite, schists, graphitic schists;
Cambrian and Precambrian rocks, gritty quartzite,
sand stones, phyllite, minor limestone, black
chert.

Local Geology

The rocks in the area prospected show medium to low grade metamorphism, folding and shearing.

Rocks observed and sampled:

- Limestone
- Quartzite, Grit and Greywacke
- Chlorite Schists, Phyllites
- Banded Iron in fine grained Quartzite and Chlorite Schist
- Phyllite: grey, blue and green
- Siltstone beds (some quite calcareous)
- Epidote-chlorite rock
- Quartz veins
- Black Chert beds with Pyrite

Prospecting Geology

Samples to be assayed:

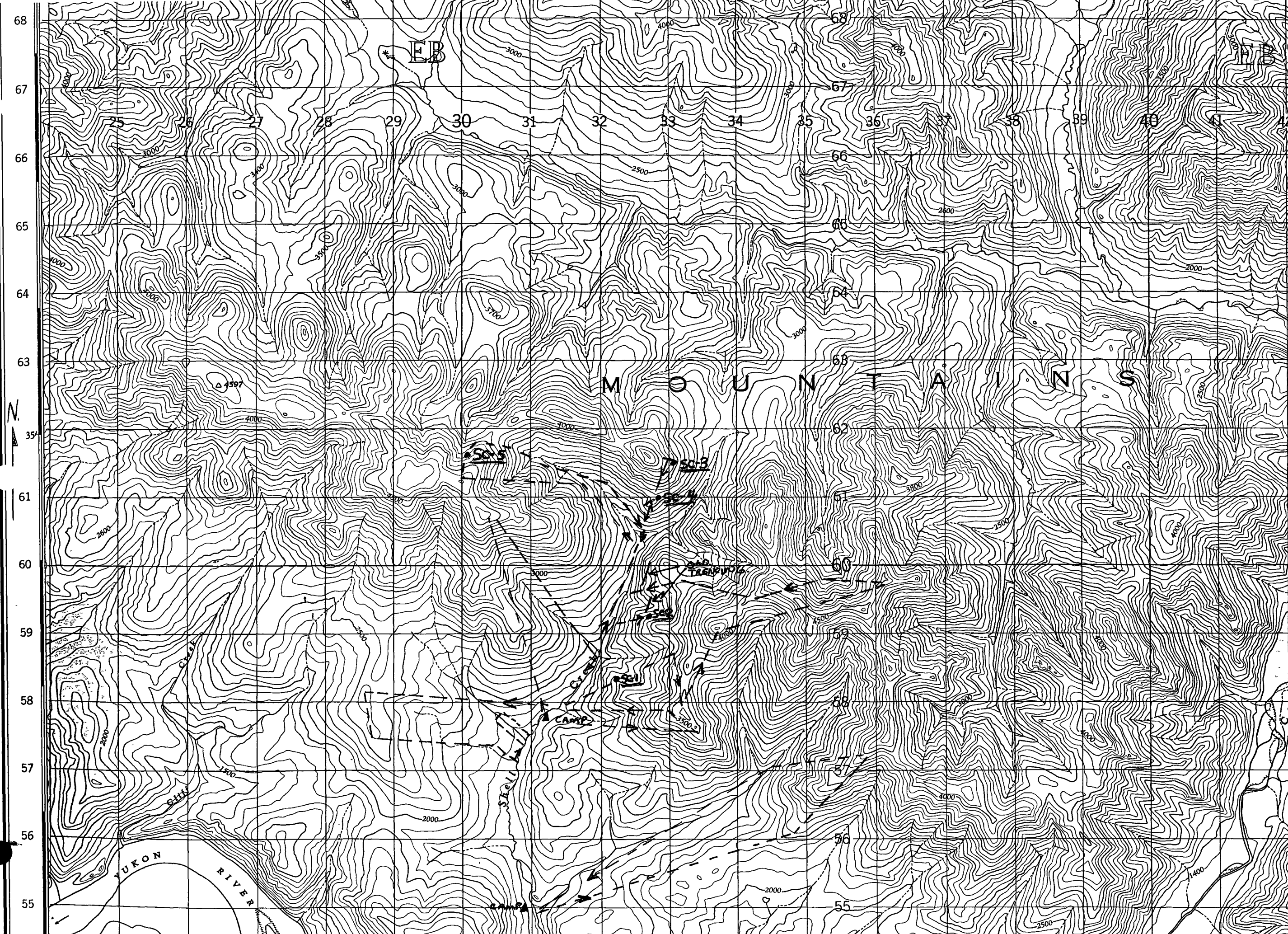
- | | |
|-------|--|
| SH-1 | Greywacke with rusty patches of weathered pyrites |
| SH-2 | Soft calcareous white limestone containing large rust blobs of limonite and peppered with fine shiny magnetite |
| SH-3A | Quartz vein one inch wide - disseminated with pyrites and chalcopyrites. Vein has 1/8 inch band of bluish black phyllite on each side and contains many large pyrite crystals |
| SH-3B | Concentrated layer 3 inches wide of massive pyrite crystals in a matrix of calcareous chlorite schist |
| SH-4 | Narrow quartz veins interbedded in iron formation of fine grained magnetite in a matrix of banded quartzite |
| SH-5 | Sample showed massive fine grained pyrite with some pyrrhotite. This sample comes from an iron formation bed 10 feet in width and 30 feet in height, dipping 80 and striking in a north to south direction |

EXPLANATION

The foregoing samples were lost in a house move. They have since been found and are now with Northern Analytical in Whitehorse. They will be shipped to Vancouver on December 23rd, 1992 and results should be received in late January. These assays and cost receipts will be sent to Karen Pelletier, immediately upon receipt.

CONCLUSIONS AND RECOMMENDATIONS

This area has geological similarities to that of Lupiin Gold Mine in the Northwest Territories. Gold is found between layers on the crests of folds in the iron formations. GST stream samples from Shell Creek show anomalous gold values. I am hoping for good assays from this area and will be returning in 1993 to do further prospecting.



SHELL CREEK:

SCALE: $1\frac{1}{4}$ INCH EQUALS 1 MILE

--- TRAVERSES

FANNING CREEK

FANNING CREEK
(Target#2)

Location

NTS 116C-09
Latitude 64° 35' West; Longitude 140° 48'
Tributary of Yukon River

Access

By boat approximately 90 miles downstream from Dawson City on the Yukon River
Alternative route by 4x4 truck 50 miles along "Top of the World" highway to Clinton Creek cutoff and 20 miles to Fortymile Landing on Yukon River, then by boat approximately 60 miles downriver

History

No known history of area has been documented in Minfiles or Mining Recorder assessment reports.

Regional Geology

Cretaceous: Biotite granodiorite, quartz monzonite.
Nasina Series: Quartzite, quartz-mica schists, graphitic schists, quartz muscovite chlorite schists, and quartz biotite gneiss.

Local and Prospecting Geology

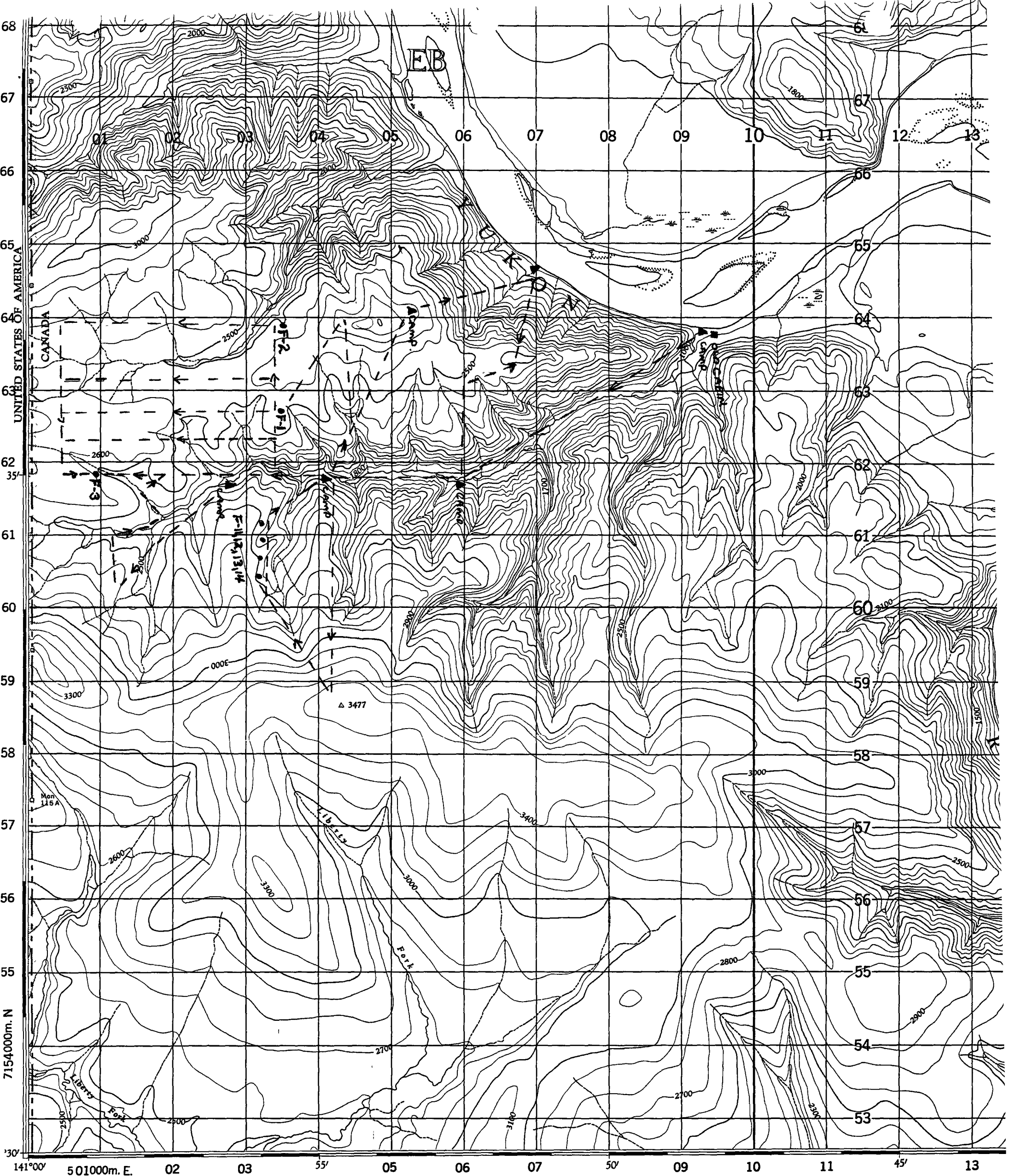
Fanning Creek follows a steep type fault. Some float samples showed serpentine and asbestos which would be related to the serpentized ultrabasic rock of the Clinton Creek asbestos 15 miles southeast.

Samples assayed:

- F-1 Dark green quartz monzonite, augite crystals were recognized
- F-2 Green quartz chlorite schist with small specks of chalcopyrite and pyrite
- F-3 Stream sediment sample
- F-11,12 From an 8 foot wide by 20 foot long sheared and fractured white quartz vein speckled with pyrites (striking horizontally east to west direction and dip approximately 20° to 30° in northerly direction)
- F-13,14 From a 1 foot wide by 10 foot long sheared and fractured white quartz vein speckled with pyrites, located 300 feet south and 200 feet below sample F-11. Its strike and dip was the same.

CONCLUSIONS AND RECOMMENDATIONS

Assays showed anomalous values in Au, Cu, Pb and Zn. I am planning to return to this area in 1992 to do more prospecting north and east of samples F-11 to F-14 at higher elevations.



red and printed by the SURVEYS AND MAPPING
CH, DEPARTMENT OF MINES AND TECHNICAL
SYS, 1962, from air photographs taken in 1951 and

100,000 M. SQUARE IDENTIFICATION

GRID ZONE
SIGNATION

7W

EB

5

0 GIVE A REFERENCE TO NEAREST 100 METRES

Roads
loose surface, dry weather
cart track

Routes
de gravier période sèche
de terre



T.N

Miles 1



SCALE 1:50,000 ÉCHELLE

MOUNT GLADWIN
YUKON TERRITORY

FANNING CREEK
---- TRAVERSES

S.F. CREEK

UNNAMED TRIBUTARY OF THE YUKON RIVER

S.F. CREEK
Unnamed tributary of Yukon River
(Target #3)

Location

NTS 116C-09
Latitude 64° 34' North; Longitude 140° 44' West
Unnamed left limit tributary of the Yukon River,
looking downstream

Access

By boat approximately 85 miles downstream from Dawson City on the Yukon River
Alternate route by 4x4 truck "Top of the World" highway 50 miles to Clinton Creek mine road cutoff and 20 miles to Fortymile Landing on Yukon River, then by boat 55 miles downriver

History

No known history in GSC files, etc.

Regional Geology

Nasina Series: Graphitic quartzite, quartz-muscovite-biotite schists (Garnetiferous); foliated dioritic to granodioritic gneiss
Rocks of Proterozoic and Palaeozoic Age: Chloritic schists, banded quartz-feldspar amphibole gneiss, metagabbro and marble; altered ultramafic rocks

Prospecting and Local Geology

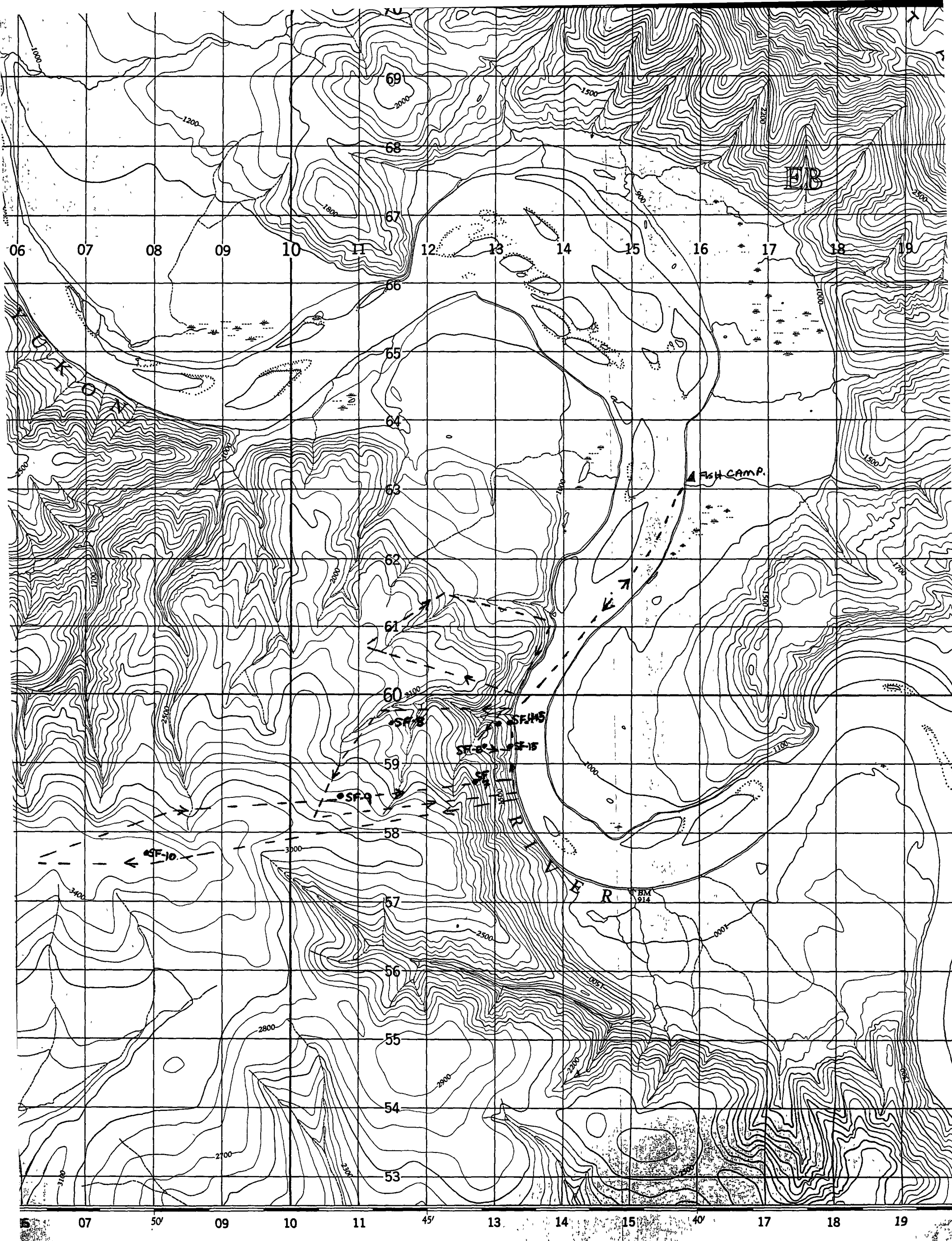
F.S. Creek area outcrops showed considerable folding and shearing. Some localities showed active thermal activity consisting of thick yellow and sometimes light green, wet or dry sulphur and calcium rich minerals flowing out of cracks in rock. Altered serpentine and asbestos samples were observed in outcrops near river.

Samples Assayed:

- S.F. 4 A piece of granodiorite (dark) gneiss - metallic grains of arsenopyrite could be seen with hand lens
- S.F. 5 Rock from a 30 foot wide by 20 foot long showing of sheared and folded graphite and fine vein system of calcite
- S.F. 6 Rock or gouge of semi-hard clayish like material - bright green and yellowish (unable to name)
- S.F. 7 Quartz-muscovite-chlorite schist with pyrites both fine grained and crystal form
- S.F. 8 Rusty fine grained quartzite with disseminated pyrites
- S.F. 9 Quartz diorite rusty with biotite, pyrites and small specks of possible chalcopyrite
- S.F. 10 Rusty glass type quartz from a 20 foot long by 50 foot high fractured and talus face - sample shows large disseminated pyrite crystals
- S.F. 15 Rusty fine grained quartzite with disseminated pyrites

CONCLUSIONS AND RECOMMENDATIONS

Target No. 3 showed anomalous values of Au, Cu, As, Pb and Zn. It is my intention to return to this area in 1993 for further prospecting.



MOUNT GLAMAN SCALE $1\frac{1}{4}$ " EQUALS 1 mile

F.S. CREEK (UNNAMED)

-----TRAVERSES

ASSAY REPORTS

30-Oct-92 date

Assay Certificate

page 1

Sylvain Fleurant

FANNING AND S.F. TARGETS

WO#13854

Sample #	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm
F-1	10	<0.1	25	82	74
F-2	20	<0.1	153	24	86
F-3	18	<0.1	43	69	233
SF4	6	<0.1	27	27	79
SF5	6	<0.1	56	2	255
SF6	12	<0.1	28	15	103
SF7	14	<0.1	41	5	762
SF8	12	<0.1	73	17	87
SF9	36	<0.1	234	14	145
SF10	10	<0.1	19	11	95
F11	26	<0.1	26	30	74
F12	12	<0.1	63	33	73
F13	10	<0.1	2	3	23
F14	19	<0.1	31	16	38
SF. 15	19	<0.1	20	46	56,

Certified by

Chyoki





GEOCHEMICAL ICP ANALYSIS



Northern Analytical Labs. Ltd. File # 92-3837 Page 3

105 Copper Road, Whitehorse YT Y1A 2Z7

SAMPLE#	As ppm	Sb ppm	Bi ppm	Ge ppm	Se ppm	Te ppm
F 13854 1	.7	.3	.1	.1	.8	.3
F 13854 2	1.5	.4	.3	.1	1.1	.6
F 13854 3	17.4	1.4	.1	.1	1.4	.1
RE 13854 8	9.8	1.7	.1	.1	1.2	.1
SF 13854 4	223.3	1.5	.1	.1	.4	.3
SF 13854 5	27.2	.5	.1	.2	.4	.3
SF 13854 6	10.7	.9	.1	.1	.5	.3
SF 13854 7	8.6	.3	.1	.1	1.2	.7
SF 13854 8	11.2	1.7	.1	.1	1.0	.1
SF 13854 9	14.4	2.1	.5	.1	14.3	.5
SF 13854 10	1.4	.7	.1	.1	1.3	.5
F 13854 11	24.8	.5	.1	.1	.4	.5
F 13854 12	2.5	.5	.1	.1	.6	.4
F 13854 13	2.2	.1	.1	.1	.1	.1
F 13854 14	2.3	.2	.1	.1	.5	1.1
SF 13854 15	5.2	.2	.1	.1	.8	.1
STANDARD C	41.8	19.8	20.4	.2	.6	.4

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO₃-H₂O AT 95 deg.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.

ANALYSIS BY HYDRIDE ICP. GE - PARTIAL LEACHED.

- SAMPLE TYPE: PULP Samples beginning 'RE' are duplicate samples.DATE RECEIVED: OCT 30 1992 DATE REPORT MAILED: Nov 4/92 SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

FANNING & SF TARGETS

EXPENSE REPORT

and

RECEIPTS

11-Feb-93date

Invoice for Analytical Services

Sylvain Fleurant

WO13896

Sample prep 6 x \$ 4.25 = \$ 25.50

Au + 30 6 x \$ 15.50 = \$93.00

Subtotal = \$ 118.50

GST @ 7% (#R 121285662) = \$ 8.30

Total due on receipt of Invoice = \$ 126.80

2% Interest charge on accounts over 30 days



11-Feb-93 date

Assay Certificate

Page 1

Sylvain Fleurant

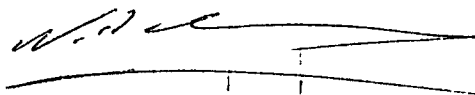
WO#13886

Sample #

Au ppb

SH1	42
SH2	10
SH3A	31
SH3B	118
SH4	96
SH5	61

Certified by



105 Copper Road, Whitehorse, YT, Y1A 2Z7 Ph: (403) 668-4968 Fax: (403) 668-4890





CERTIFICATE OF ANALYSIS
iPL 9300031

2036 Columbia Street
Vancouver, B.C.
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898

Client: Northern Analytical Laboratories
Project: None Given 6 Pulp

iPL: 9300031

In: Feb 16, 1993
Out: Feb 16, 1993

Page 1 of 1

Section 1 of 1
Certified BC Assayer: David Chiu

Sample Name	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ti ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
SH 1	0.4	19	65	29	<	<	<	10	<	<	4.2	4	6	275	<	14	27	3439	2	633	3	<	<	0.26	14.16	9.39	0.09	0.04	0.02	0.01
SH 2	0.2	3	5	33	<	<	<	4	<	<	1.7	7	16	311	<	20	6	1005	<	88	4	7	<	0.60	5.02	2.87	0.15	<	0.02	0.06
SH 3A	0.1	17	13	17	<	<	<	6	<	<	1.2	2	7	597	<	171	9	1371	2	304	1	2	<	0.43	3.56	1.47	0.13	0.02	0.01	0.01
SH 3B	0.3	45	54	59	<	<	<	13	<	<	3.1	10	27	655	<	58	57	2874	<	25	8	3	<	1.32	2.18	18.43	0.20	0.02	0.01	0.06
SH 4	0.8	36	100	114	<	<	<	9	<	<	4.3	18	29	381	<	37	23	4929	3	652	5	2	<	0.45	10.78	9.75	0.19	0.03	0.01	0.03
SH 5	0.4	31	890	106	45	<	<	25	<	<	4.2	10	13	70	<	18	33	1.1%	<	135	7	1	<	0.15	3.98	22.29	0.65	0.01	0.01	0.03

Min Limit 0.1 1 2 1 5 5 3 1 10 2 0.1 1 1 2 5 1 2 1 2 1 1 1 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01
Max Reported* 99.9 20000 20000 20000 9999 9999 9999 9999 999 999 99.9 999 999 9999 999 9999 999 9999 9999 9999 999 99 1.00 99.99 99.99 99.99 9.99 9.99 5.00 5.00
Method ICP
—No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined n=Estimate/1000 %=Estimate % Max=No Estimate
International Plasma Lab Ltd. 2036 Columbia St. Vancouver BC V5Y 3E1 Ph: 604/879-7878 Fax: 604/879-7898