Summary Report

For YMIP 98-018

By

Bernie Kreft

On The

Hit, Pit, Sixtymile, Clear East,
Grew Creek and Fiddler Projects

Summary Report
On

Hit 1-8 Quartz Claims
NTS 105-P-5

For
YMIP

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January 6, 1999

93-018

Table Of Contents

History And Previous Exploration

The majority of previous work in this area was directed towards assessing a copper-tungsten skarn located just inside the NWT border. This showing was initially worked by a subsidiary of Cyprus Mining Corp. during 1970-71. It was re-staked in 1982 by a joint venture between Amax Mining and Canada Tungsten, who continued exploration until the end of 1984. The Amax/Cantung work resulted in the staking of six claims in the Yukon, over what is now the Hit claims main zone area. Documentation of the historical work is not in the public domain.

The area was re-assessed by the writer for its gold potential during the summer of 1998. This work consisted of three, one day visits and a 6 day program, which were used to follow up on a RGS Au stream sediment anomaly.

Location And Access

The property is located in the central Yukon Territory, 27 kilometres N.N.E. of MacMillan Pass, just west of the Yukon/NWT border. The Mactung tungsten skarn deposit is situated approximately 23 kilometres to the south. Access was by helicopter from Ross River, a distance of 210 kilometres. Helicopter charter services are also occasionally available during the summer months at MacPass. Topography varies from moderate to extreme, with several areas impassable due to frequent avalanches and cliffs.

Regional Geology

The Hit Project is located within the Selwyn Basin, a large sedimentary depocenter active from the Precambrian to the Mississippian. The mid-late Cretaceous Tombstone Suite (90-92 Ma), consisting of stocks, sills and dykes of granitic composition has been emplaced within these sediments. Tombstone Suite intrusives are commonly associated with bulk-tonnage gold targets within an east-southeast trending belt which extends from north of Dawson to the Yukon/NWT border, a total distance of almost 600 kilometres. Significant Yukon targets hosted by, or associated with, the Tombstone Suite include: Brewery Creek, Dublin Gulch, McQuesten/Wayne and Scheelite Dome. The granitic intrusion located at the Hit property likely belongs to the Tombstone Suite; age dating is currently in progress and should provide a definitive answer.

Property Geology

Strata underlying the claims consists of Cambrian aged black shale, argillaceous limestone, calcareous siltstone, green silty slate and rare quartzite, belonging to the Road River Formation. The Hit pluton has extensively hornfelsed these sediments. This has resulted in the development of widespread skarn and calc-silicate minerals/effects as well as numerous gossans.

Faulting is common in the area of the Hit Claims. The main structural features are NW trending normal faults and joint sets, the development of which likely occurred during the emplacement of

the Hit Pluton. Post-dating the NW trending set are several NE trending cross-faults. These faults usually exhibit weak epithermal characteristics, and often contain anomalous gold values. A third set of faults consists of small-scale, flat lying structures. This type is best recognized in the area of the main showing and has caused several slight displacements of the auriferous beds.

The Hit pluton contains several phases, which vary from a fine-grained granodiorite border to a coarse porphyritic core. Weak porphyry style molybdenum mineralization has been noted within the core. Alteration is limited to bleaching, and the development of trace sericite along vein margins and adjacent to fractures. Contacts with the surrounding sediments are steep where exposed.

Mineralization

Highly anomalous gold values have been returned from several mineralized showings located within the pluton and its hornfels aureole. Highly anomalous gold values within silt and talus/soil samples suggest additional mineralized showings and strike extensions to the existing occurrences.

Best values to date have been returned from replacement type mineralization within interbedded, hornfelsed, calcareous siltstone and green silty slate. Five consecutive channel samples taken across the main showing (Gully Zone) returned a weighted average of 7.85 g/t Au over 7.0 metres, re-sampling of the same interval by Placer Dome returned 6.93 g/t Au over 7.0 metres. Chip samples taken on either side of the zone returned only traces of gold. Potential for a parallel zone exists within the overburden covered footwall of the showing. Anomalous elements in relative order of abundance are: calcium, arsenic, antimony and tungsten. A stream sediment sample taken approximately 80 metres downstream from this zone returned 606 ppb Au; re-sampling of this site later in the season returned 511 ppb Au. A high value of 10834 ppb Au in silt was returned from a tributary stream approximately 150 metres east of the main showing. This high value is likely a result of strike extensions of the main showing.

Numerous NE trending, steeply dipping faults occur across the property. They often exhibit epithermal characteristics such as weakly developed, banded chalcedonic quartz and minor vuggy veining, and are best developed within granite. A chip sample from the Ridge Zone returned 1298 ppb Au over 6.0m, while selected grab samples of what was thought to be the best mineralized samples returned only traces of gold. A single soil sample line across the zone 100 metres along strike to the SW of the showing returned values up to 383 ppb Au. Soil data as well as an increasing abundance of fault zone material suggests a widening of the structure in this direction.

Skarn type mineralization is widespread throughout the claims area. Most occurrences are restricted in size except for the zones which occur just inside the NWT, and within an area along the NW edge of the pluton. The NWT showings (TWN) consist of at least four pyrrhotite mineralized horizons 1.0 to 8.0 metres wide and traceable for at least 100 metres, occurring within a 100 metre stratagraphic interval. High copper and tungsten values are likely attainable, unfortunately, gold values are only slightly anomalous with a peak of 168 ppb Au over 3.0 metres. Along the NW edge of the pluton are several heavily mineralized skarn pods/horizons within a large area of pyrrhotite mineralized (2%) hornfelsed sediments (Discovery Zone). Samples of skarn returned up to 3482

ppb Au from a representative grab sample, and up to 854 ppb Au over a 2.0 metre width. A line of talus fine samples taken at 50 metre spacings along the base of the slope below the showings returned 12 consecutive samples with values from 129 ppb to 1097 ppb Au. Further anomalies to 904 ppb Au occur along the line, and suggest additional mineralized occurrences.

The intrusion is host to several styles of mineralization, all of which would be expected within a Fort Knox type system. Grades of up to 0.670 oz/ton Au have been returned from several 2.0 to 6.0 centimetre wide quartz-sulphide (arsenopyrite dominant) veins. The distribution and extent of the known veins suggests they are currently of mineralogical interest only. Sheeted veining and highly fractured areas with associated anomalous gold values were found in two main locations in the pluton. Mineralization is weak and consists of pyrite-pyrrhotite and occasionally molybdenum within veins as well as on, and disseminated adjacent to, fractures. Alteration is also weak, and consists of trace sericite along with some minor bleaching of wallrock adjacent to veins and fractures. Values up to 719 ppb Au were returned from a 2.0 metre chip of fractured granite, while a representative grab sample of a 1.0cm qtz-py-mo vein returned 793 ppb Au. Other anomalous elements include bismuth and occasional copper. Some clustering of anomalous intrusive hosted gold values is noted along the NW edge of the stock in the vicinity of the Discovery Zone skarn horizons.

Conclusions

Significant gold values and numerous showing types have been found associated with an intrusion probably belonging to the Tombstone Suite. Numerous showings and un-explained geochem anomalies have been located within a short period of time. Previous exploration work on the property was conducted prior to the discovery of Fort Knox and Brewery Creek.

Recommendations

Further work is recommended for this occurrence. Detailed soil and rock sampling should be conducted in the vicinity of the Ridge Zone, Gully Zone and Discovery Zone. Further prospecting is required for the remaining untested areas of the pluton and hornfels aureole. Claim staking is also a priority, and should ideally be conducted prior to the commencement of any further work programs.

Certification

I, Bernie Kreft, was present and witnessed the exploration work described herein. I have twelve years experience prospecting in the Yukon.

This report is based on fieldwork conducted or witnessed by myself.

This report is based on work completed on and in the vicinity of the Hit 1-8 quartz claims.

This work was completed on June 2nd, July 14th-19th, August 18th and September 2nd 1998.

Respectfully Submitted,

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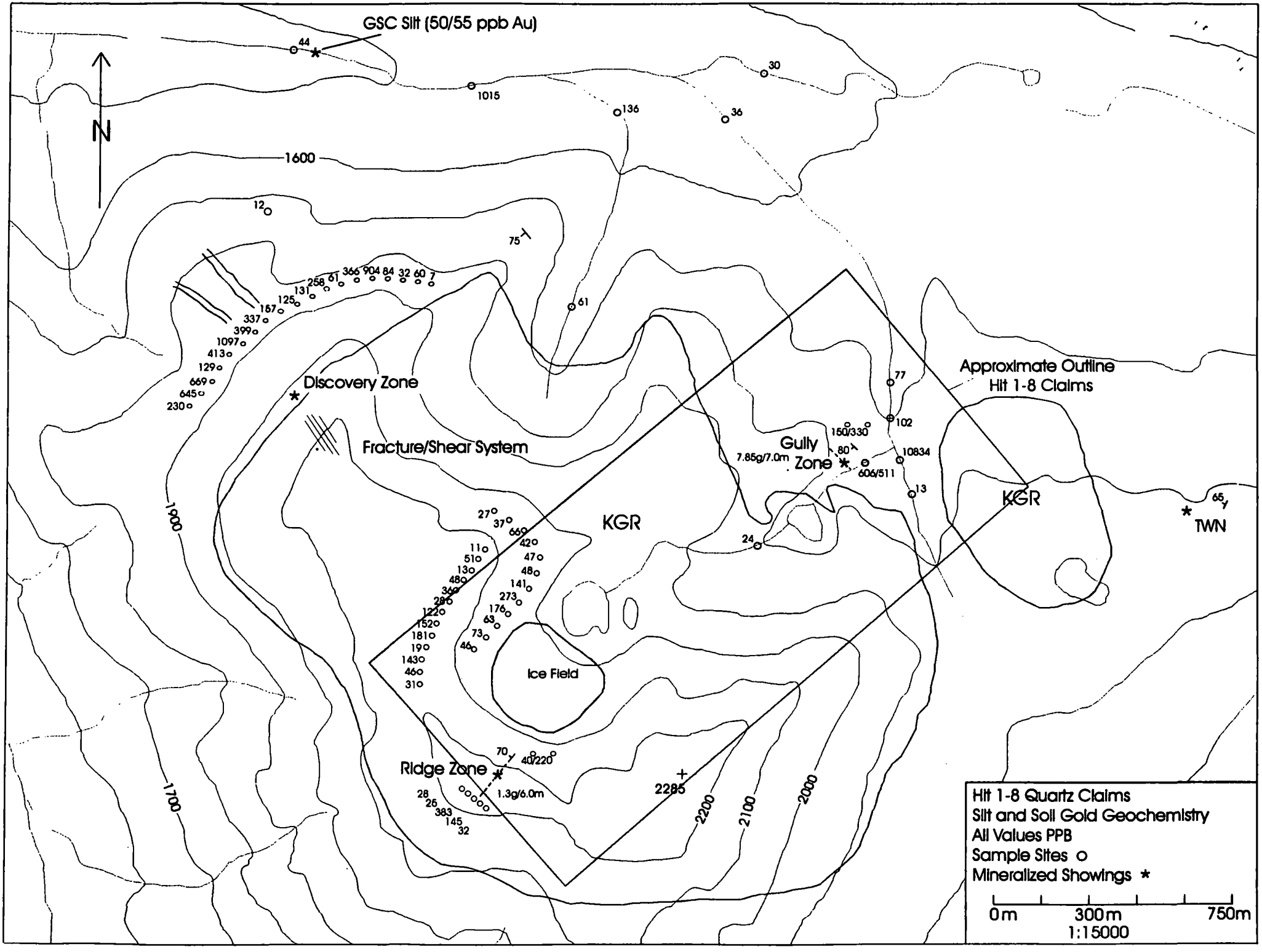
Bernie Kreft

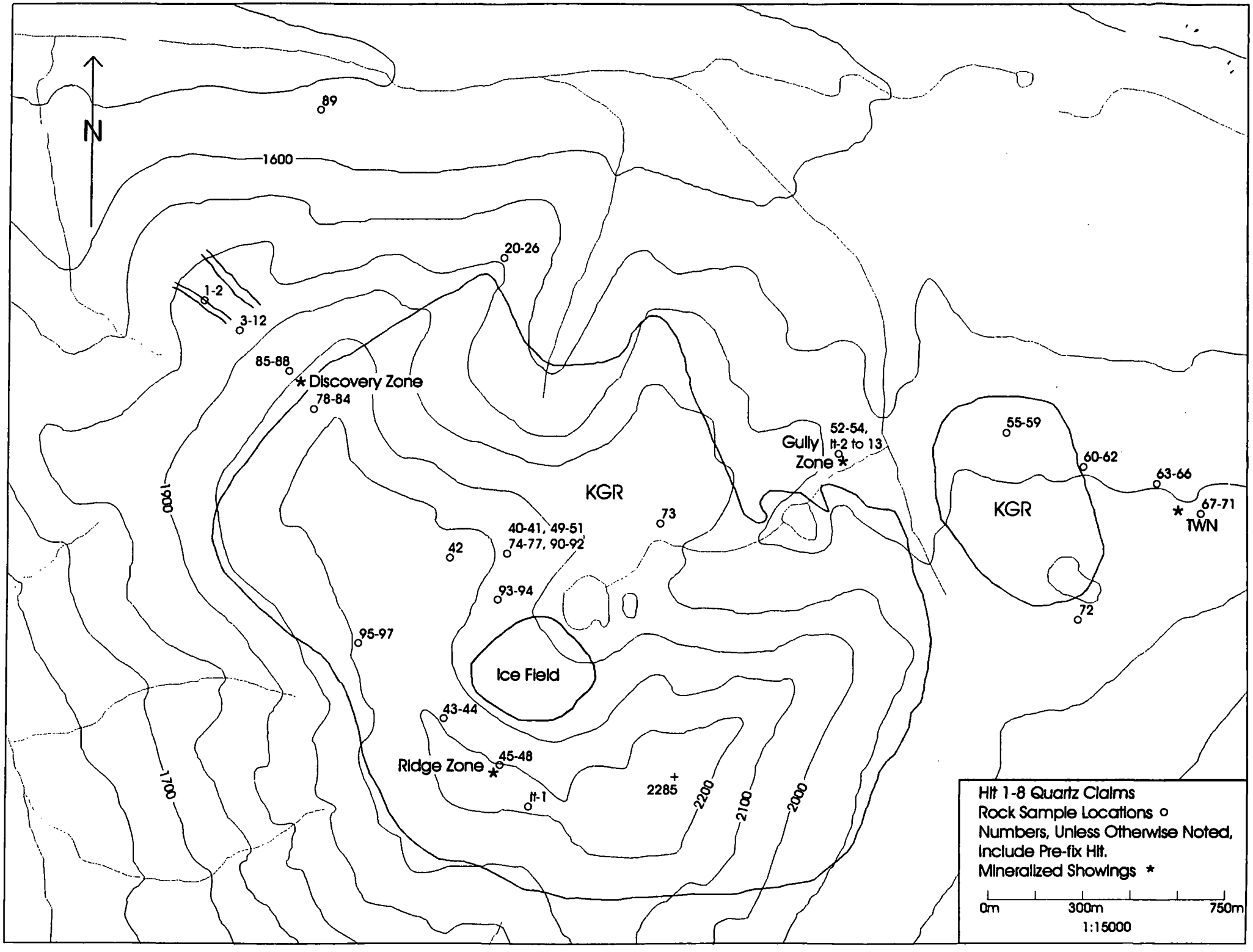
Rock Sample Descriptions

Hit-1 Rep grab rusty fine-grained felsic dyke
Hit-2 rep grab siltstone min with trace Po adjacent to above
Hit-3 rep grab miarolitic qtz vein cutting granite
Hit-4 rep grab fine-grained granite cut by several rusty fractures
Hit-5 rep grab banded hfls with around 2% diss Po/Cu
Hit-6 as above
Hit-7 rep grab po-cu mineralized dark green-black skarn
Hit-8 rep grab rusty granite cut by a fracture with abundant Po/Py along a fracture
Hit-9 black shale with minor diss Po
Hit-10 rep grab rusty granite
Hit-11 rusty thin-bedded siltstone with abundant Po/Cu along bedding planes
Hit-12 qtzite with po/cu along fracture surfaces
Hit-20 as per Hit-12 less sulphide
Hit-21 as above
Hit-22 as above
Hit-23 as above
Hit-24 as above
Hit-25 rep grab dolomitic limestone
Hit-26 2.5m chip as per Hit-24
Hit-40 6cm sample across 1cm qtz vein in granite, trace pyrite
Hit-41 4cm sample across 2mm qtz vein trace py/Mo
Hit-42 3cm sample across 1cm quartz vein
Hit-43 1.3m chip of fractured granite with epidote and trace pyrite
Hit-44 rep grab as above
Hit-45 6.0m chip across recessive gossanous fault zone cutting granite
Hit-46 rep grab Qtz tremolite brx in vicinity of above
Hit-47 rep grab brx granite with weak chalcedonic filling and veining 0.4% sulphide Py/Po
Hit-48 rep grab as above with 0.8% sulphide Py/Po
- 45 to 48 are part of same zone
Hit-49 5.0cm sample of granite cut by a dry fracture
Hit-50 rep grab porphyritic monzonite cut by a weak qtz stkwk with trace black sulphide in veins
Hit-51 0.7m chip granite cut by 30 rusty fractures
Hit-52 rep grab green silty slate cut by a weak carbonate stockwork
Hit-53 rep grab Po/Cu skarn pod
Hit-54 1.5m chip across calcareous siltstone cut by several qtz calcite veins
Hit-55 1.5m chip across rusty fault zone with chalcedonic qtz cutting granite
Hit-56 rep grab qtz py veins cutting granite at above
Hit-57 rep grab of fractured and epidote flooded granite
Hit-58 as above
Hit-59 rusty fine-grained granite
Hit-60 0.8m chip po/cu skarn pod
Hit-61 grab of best min in vicinity of above

Hit-62 rep grab qtz veined and silicified sed near granite contact
Hit-63 1.5m chip Po/Cu skarn
Hit-64 1.4m chip as above
Hit-65 rep grab hflsd sediment which is host to above sample
Hit-66 grab Po/Cu skarn 40m along strike from Hit-64
Hit-67 banded sed with Po in x-cutting quartz veins
Hit-68 rep grab banded and vuggy chalcedonic qtz vein
Hit-69 rep grab dark green diopside skarn with trace diss po
Hit-70 rep grab rusty and leached as above
Hit-71 3.0m chip across Po skarn horizon with 8% sulphides
Hit-72 grab fine-grained granite with trace diss po/py
Hit-73 rep grab granite cut by milky grey qtz vein min with trace pyrite
Hit-74 Milky grey qtz vein stockwork in granite
Hit-75 rep grab 6.0cm wide qtz-as vein
Hit-76 6cm pc granite cut by 5 rusty fractures
Hit-77 sericitic zone n granite with trace py
Hit-78 0.5m chip granite cut by several fractures with weak alteration envelopes trace diss py on fracture surfaces and diss adjacent to fractures
Hit-79 as above
Hit-80 2.0m chip as above
Hit-81 as per –79
Hit-82 2.0m chip as per –80 slightly greater fracture density
Hit-83 as above
Hit-84 2.3m chip as above with slightly increased sulphide content
Hit-85 2.0m chip po/cu skarn with 7% sulphide
Hit-86 rep grab black shale with trace po
Hit-87 light grey sed with bleached alteration envelopes adjacent to fractures
Hit-88 1.0m chip Po skarn with 2% sulphide po/cu
Hit-89 rep grab of 2.0m square diopside skarn boulder
Hit-90 fractured granite with abundant py/po along fracture
Hit-91 6cm pc granite cut by 2mm qtz vein with abundant py/po/cu
Hit-92 as above with Mo
Hit-93 as per –90 with Aspy
Hit-94 rep grab granite cut by a qtz-tourmaline-Moly vein
Hit-95 low grade qtz-As vein
Hit-96 high-grade qtz-As vein
Hit-97 rep grab granite in vicinity of above two samples
HTF-1 to 19 and 32 are talus fine samples which are mainly sedimentary in origin
HTF-20 to 31 are talus fine samples which are strictly granitic in origin
HS-1 to 9 are silt samples
It-1 rep grab of rusty gossaned granite
It-2 1.5m chip pale calcareous weakly banded hflsd siltstone with tace fine diss Po
It-3 2.0m chip as above cut by several qtz-calcite veins and with an increase in Po content possible epidote altered or scorodite staining??? material has a greenish tint, adjacent to It-2

It-4 1.5m chip as per above and adjacent
It-5 1.5m chip as above and adjacent, less Po
It-6 1.0m chip as above and adjacent
It-7 1.0m chip as above and adjacent
It-8 3.0m chip as above and adjacent, minimal green tint and reduced Po content
It-9 rep grab as per It-5
It-10 grab as above
It-11 calcite veined shale
It-12 calcite veined shale
It-13 rep grab qtz calcite vein from It-3
It-14 different property
It-15 as above
It-Silt-1 to 12 are silt samples
It-SS-1 to 5 soils across trend of Ridge Zone
It-SS-6 to 18 rep soil line across granite


GSC Silt (50/55 ppb Au)
N
1600
1700
1900
2000
2100
2200
Discovery Zone
Fracture/Shear System
Gully Zone
7.85g/7.0m
Ridge Zone
1.3g/6.0m
Ice Field
KGR
KGR
TWN
Approximate Outline
Hit 1-8 Claims
2285
Hit 1-8 Quartz Claims
Silt and Soil Gold Geochemistry
All Values PPB
Sample Sites o
Mineralized Showings *
0m
300m
750m
1:15000


N
89
1600
20-26
1-2
3-12
85-88
Discovery Zone
78-84
1900
52-54,
It-2 to 13
Gully
Zone
55-59
60-62
63-66
67-71
TWN
KGR
KGR
73
40-41, 49-51
74-77, 90-92
42
93-94
72
95-97
Ice Field
43-44
Ridge Zone
45-48
It-1
2285
2200
2100
2000
1700
Hlt 1-8 Quartz Claims
Rock Sample Locations o
Numbers, Unless Otherwise Noted,
Include Pre-fix Hlt.
Mineralized Showings *
0m
300m
750m
1:15000

Costs

Truck Costs (1840 km x $0.42/km)	=	$772.80
Living Expenses (2 people x 8 days x $35/day)	=	$560.00
Wages For Helper (8 days x $125/day)	=	$1000.00
Helicopter Charter (TNTA; 5 hours)	=	$4038.17
TOTAL		$6370.97

YUKON
TERRITORY
NORTHWEST
TERRITORIES
1800
1700
1900
2100

Northern Analytical Laboratories ltd.

10/06/98 Assay Certificate Page 1

Bernie Kreft WO# 07990

Certified by

Sample #	Au ppb
NUT - 1	[redacted]
NUT - 2	
NUT - 3	
NUT - 4	
NUT - 5	
NUT - 6	
NUT - 7	
NUT - 8	
NUT - 9	
NUT - 10	
NUT - 11	
NUT - 12	
NUT - 13	
NUT - 14	
NUT - 15	
NUT - 16	
NUT - 17	
NUT - 18	
NUT - 19	
NUT - 20	
HIT - 1	5
HIT - 2	9
HIT - 3	<5
HIT - 4	269
HIT - 5	<5
HIT - 6	<5
HIT - 7	3482
HIT - 8	362
HIT - 9	71
HIT - 10	5

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

Northern Analytical Laboratories ltd.

Bernie Kreft WO# 07990

Certified by

Sample #	Au ppb
HIT - 11	85
HIT - 12	<5
HIT - 20	5
HIT - 21	6
HIT - 22	<5
HIT - 23	5
HIT - 24	11
HIT - 25	<5
HIT - 26	<5
HIT - 30	39
HIT - 31	14
OLD - 1	[redacted]
OLD - 2	
OLD - 3	
OLD - 4	
OLD - 5	
OLD - 6	
OLD - 7	
OLD - 8	
OLD - 9	
OLD - 10	
OLD - 11	
OLD - 12	
OLD - 13	
OLD - 14	
P3 ROCK - 1	<5
P3 ROCK - 2	157
P3 ROCK - 3	7
P3 ROCK - 4	<5
P3 ROCK - 5	<5

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

CERTIFICATE OF ANALYSIS

iP. 8F0545

INTERNATIONAL PLASMA LABORATORY LTD.
2036 Columbia Street
Vancouver, B.
Canada V5Y 3L
Phone (604) 879-7878
Fax (604) 879-7898

Client : Northern Analytical Laboratories
Project: W.O. 7990

66 Samples
66=Pulp

[054512:28:53:89061298]

Out: Jun 12, 1998
In : Jun 09, 1998

Sample Name		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	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
HIT - 1	P	<	28	27	44	27	<	<	6	<	<	1.6	19	22	125	<	87	72	204	37	64	24	3	0.23	1.96	0.93	3.00	1.15	0.34	0.08	0.12
HIT - 2	P	0.2	69	21	118	47	<	<	27	<	<	2.6	18	88	71	<	116	230	84	15	136	20	3	0.18	3.30	2.19	3.32	0.68	0.47	0.32	0.14
HIT - 3	P	<	9	30	35	28	<	<	3	<	<	0.8	5	9	59	<	91	39	175	25	106	12	3	0.11	1.44	1.59	1.09	0.78	0.16	0.11	0.10
HIT - 4	P	<	77	73	56	19	<	<	2	<	38	0.9	5	6	30	<	71	16	117	13	67	5	1	0.11	0.99	1.20	0.59	0.25	0.07	0.14	0.10
HIT - 5	P	1.0	105	155	29	102	<	<	8	<	<	1.2	11	27	18	<	68	21	88	6	44	6	<	0.08	1.48	1.28	1.93	0.33	0.05	0.12	0.01
HIT - 6	P	<	92	15	251	29	<	<	11	<	<	3.3	7	33	73	<	87	116	51	8	43	9	<	0.10	1.07	1.09	1.29	0.52	0.26	0.06	0.08
HIT - 7	P	2.7	298	146	22	59	<	<	5	<	238	1.9	19	51	11	<	26	5	97	4	179	4	<	0.03	2.37	2.08	3.54	0.22	<	0.08	0.10
HIT - 8	P	1.0	687	60	42	18	<	<	6	<	61	1.5	18	13	96	<	99	64	170	27	72	5	2	0.20	1.84	0.91	3.20	0.93	0.46	0.13	0.11
HIT - 9	P	1.1	204	36	55	342	<	<	9	<	39	1.9	36	55	46	<	78	66	270	25	60	11	1	0.08	1.56	1.43	3.24	0.40	0.25	0.10	0.16
HIT - 10	P	<	149	30	26	21	<	<	4	<	<	1.0	7	8	59	<	73	29	103	28	84	3	1	0.12	1.26	0.88	1.86	0.32	0.23	0.14	0.09
HIT - 11	P	0.9	1530	27	41	<	<	<	6	<	343	4.9	35	37	<	6	56	10	40	3	70	2	<	0.03	3.26	2.11	8.31	0.07	<	0.13	0.01
HIT - 12	P	<	285	37	26	53	<	<	3	<	<	1.4	16	65	11	<	23	4	80	4	185	6	<	0.04	3.29	2.52	2.53	0.36	0.01	0.07	0.05
HIT - 20	P	<	68	13	21	48	<	<	4	<	<	0.9	7	18	34	<	80	14	35	19	124	4	<	0.08	2.43	1.87	1.64	0.15	0.05	0.27	0.13
HIT - 21	P	<	73	10	42	54	<	<	7	<	<	1.3	11	30	45	<	102	57	74	15	124	9	2	0.12	2.95	2.03	2.11	0.67	0.38	0.24	0.12
HIT - 22	P	<	80	27	50	29	<	<	11	<	<	2.0	16	32	40	<	98	13	40	17	114	10	<	0.09	2.30	1.80	2.89	0.18	0.11	0.28	0.13
HIT - 23	P	<	44	8	14	26	<	<	7	<	<	1.0	8	28	52	<	84	32	33	24	82	5	1	0.06	1.59	1.94	1.38	0.18	0.09	0.11	0.31
HIT - 24	P	0.3	83	8	14	82	<	<	6	<	<	1.1	7	16	46	<	46	15	35	18	254	7	1	0.11	4.93	3.73	2.08	0.52	0.23	0.15	0.06
HIT - 25	P	<	10	5	42	19	<	<	5	<	<	0.8	2	5	121	<	12	9	85	6	674	3	<	0.02	0.44	29%	0.41	0.59	0.09	0.01	0.02
HIT - 26	P	<	65	7	9	30	<	<	7	<	<	0.7	7	22	32	<	103	8	24	6	96	4	<	0.07	1.70	1.51	0.92	0.12	0.09	0.14	0.03
HIT - 30	P	0.2	64	24	226	401	13	<	11	<	<	3.3	14	40	234	<	24	86	230	19	80	4	2	0.05	1.93	1.87	3.45	0.54	0.15	0.03	0.36
HIT - 31	P	0.9	117	29	936	132	5	<	24	<	<	11.0	25	195	532	<	40	179	295	18	147	4	3	0.07	3.34	1.61	5.64	1.04	0.23	0.01	0.18
NUT - 1	P	0.5	126	60	43	122	<	<	8	<	<	1.3	12	32	163	<	94	133	118	13	126	13	4	0.12	3.42	1.81	2.24	2.05	1.30	0.31	0.19
NUT - 2	P	<	78	6	57	64	<	<	8	<	<	1.0	8	27	160	<	130	257	100	9	113	18	4	0.12	2.94	1.47	1.68	1.90	1.30	0.28	0.15
NUT - 3	P	<	88	15	55	84	<	<	13	<	<	1.3	9	29	160	<	112	164	124	11	92	14	4	0.11	2.83	1.48	2.20	1.76	1.04	0.26	0.17
NUT - 4	P	<	100	8	19	73	<	<	12	<	3	0.7	6	25	77	<	108	98	134	16	156	7	1	0.07	3.16	3.11	1.33	0.93	0.42	0.37	0.31
NUT - 5	P	<	127	9	91	70	<	<	14	<	<	1.5	10	42	104	<	103	233	98	7	139	15	2	0.15	4.04	2.20	1.95	1.69	1.26	0.37	0.09
NUT - 6	P	1.7	2717	9	18	<	<	<	13	<	508	8.3	58	80	11	5	52	68	101	6	41	7	<	0.01	0.66	2.46	13%	0.32	<	<	0.85
NUT - 7	P	0.7	366	10	20	56	<	<	13	<	560	1.2	7	42	42	<	65	128	114	13	134	6	1	0.06	2.77	3.21	2.17	0.77	0.27	0.22	0.33
NUT - 8	P	<	106	7	105	82	<	<	23	<	<	1.6	5	40	131	<	120	380	86	9	132	6	2	0.11	3.64	2.65	1.70	1.87	1.29	0.25	0.49
NUT - 9	P	<	103	13	37	139	<	<	20	<	16	1.2	10	50	107	<	143	337	133	16	147	4	2	0.10	3.03	3.07	1.63	1.51	0.90	0.11	0.60
NUT - 10	P	6.0	17716	<	52	<	<	<	14	<	1728	11.0	52	5	13	32	28	22	180	3	33	6	<	0.02	1.13	0.83	16%	0.19	0.03	<	0.11
NUT - 11	P	0.7	379	12	48	29	<	<	28	<	362	1.9	5	42	19	<	107	103	131	14	105	3	1	0.07	1.50	2.75	2.52	0.39	0.11	0.10	0.65
NUT - 12	P	1.5	3339	<	20	<	<	<	12	<	631	7.4	28	26	19	54	43	43	255	10	68	11	<	0.04	1.86	1.69	12%	0.32	0.07	0.03	0.31
NUT - 13	P	<	314	5	26	41	<	<	7	<	29	0.7	6	18	26	<	82	50	114	8	63	6	1	0.04	1.34	1.50	1.15	0.32	0.05	0.10	0.35
NUT - 14	P	<	80	16	24	48	<	<	8	<	38	0.8	3	13	36	7	69	69	83	8	78	9	1	0.05	1.48	1.42	1.37	0.37	0.14	0.13	0.24
NUT - 15	P	2.9	7152	<	25	33	<	<	9	<	911	9.9	31	6	14	683	62	58	125	6	26	6	<	0.01	0.32	1.72	15%	0.20	<	<	0.89
NUT - 16	P	1.0	173	7	17	76	<	<	11	<	834	1.1	7	31	70	21	66	75	117	18	197	6	1	0.08	3.95	3.89	2.00	1.14	0.78	0.21	0.57
NUT - 17	P	<	169	7	16	80	<	<	7	<	31	0.8	9	36	80	26	57	44	138	16	131	5	1	0.04	2.95	3.00	1.41	0.63	0.31	0.25	0.42
NUT - 18	P	3.1	1601	25	14	<	5	<	5	<	3646	4.0	52	25	<	49	47	15	195	6	22	4	<	0.01	0.60	1.74	7.26	0.26	<	<	0.37
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	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	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 SampleP=Pulp

Northern Analytical Laboratories ltd.

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Fax: (867) 668-4890
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31/07/98 Certificate of Analysis

Bernie Kreft

WO# 05538

Certified by

	Sample #	Au ppb
r	HIT - 41	<5
r	HIT - 42	89
r	HIT - 44	14
r	HIT - 46	55
r	HIT - 47	191
r	HIT - 48	51
r	HIT - 49	<5
	HIT - 51	<5
r	HIT - 52	<5
r	HIT - 53	14
r	HIT - 54	>7000
r	HIT - 55	167
r	HIT - 56	7
r	HIT - 57	21
r	HIT - 59	<5
r	HIT - 60	6
r	HIT - 61	7
r	HIT - 62	<5
r	HIT - 63	122
r	HIT - 65	7
r	HIT - 66	8
r	HIT - 67	9
r	HIT - 68	7
r	HIT - 69	<5
r	HIT - 73A	<5
r	HIT - 73B	<5
	HIT - 74	<5
	HIT - 75	>7000
r	HIT - 76	133
r	HIT - 77	29

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Bernie Kreft

WO# 05538

Certified by

	Sample #	Au ppb
r	HIT - 78	227
r	HIT - 79	13
r	HIT - 80	719
r	HIT - 81	8
r	HIT - 82	186
r	HIT - 85	854
r	HIT - 86	26
r	HIT - 87	41
r	HIT - 88	39
r	HIT - 89	9
r	HIT - 90	5
r	HIT - 91	793
r	HIT - 94	16
r	HIT - 95	298
r	HIT - 96	4916
r	HIT - 97	33
ss	HS - 1	24
ss	HS - 2	606
ss	HS - 3	13
ss	HS - 4	44
ss	HS - 5	1015
ss	HS - 6	136
ss	HS - 7	36
ss	HS - 8	30
ss	HS - 9	61
s	HTF - 1	230
s	HTF - 2	645
s	HTF - 3	669
s	HTF - 4	129
s	HTF - 5	413

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Bernie Kreft WO# 05538

Certified by

	Sample #	Au ppb
s	HTF - 6	1097
s	HTF - 7	399
s	HTF - 8	337
s	HTF - 9	157
s	HTF - 10	125
s	HTF - 11	131
s	HTF - 12	258
s	HTF - 13	61
s	HTF - 14	366
s	HTF - 15	904
s	HTF - 16	84
s	HTF - 17	32
s	HTF - 18	60
s	HTF - 19	7
s	HTF - 20	46
s	HTF - 21	73
s	HTF - 22	63
s	HTF - 23	176
s	HTF - 24	273
s	HTF - 25	141
s	HTF - 26	48
s	HTF - 27	47
s	HTF - 28	42
s	HTF - 29	66
s	HTF - 30	37
s	HTF - 31	27
s	HTF - 32	12

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24/07/98 Assay Certificate

Bernie Kreft WO# 05538a

Certified by

Sample #	Au ppb
HIT - 40	13
HIT - 43	47
HIT - 45	1298
HIT - 50	<5
HIT - 58	<5
HIT - 64	8
HIT - 70	11
HIT - 71	168
HIT - 83	12
HIT - 84	292
HIT - 92	561
HIT - 93	14

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Bernie Kreft

WO# 05538b

Certified by

	Sample #	Au grav oz/ton
p	HIT - 54	0.421
p	HIT - 75	0.670

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24/08/98 Certificate of Analysis

Bernie Kreft WO# 05569

Certified by

	Sample #	Au ppb
r	IT-1	12
r	IT-2	67
r	IT-3	>7000
r	IT-4	5432
r	IT-5	1402
r	IT-6	>7000
r	IT-7	>7000
r	IT-8	83
r	IT-9	41
r	IT-10	17
r	IT-11	5
r	IT-12	<5
r	IT-13	5118
r	IT-14	8
r	IT-15	15
ss	IT-SILT-1	511
ss	IT-SILT-2	>7000
ss	IT-SILT-3	102
ss	IT-SILT-4	77
ss	IT-SILT-5	21
ss	IT-SILT-6	12
ss	IT-SILT-7	8
ss	IT-SILT-8	12
ss	IT-SILT-9	9
ss	IT-SILT-10	9
ss	IT-SILT-11	13
ss	IT-SILT-12	17
s	IT-SS-1	32
s	IT-SS-2	145
s	IT-SS-3	383

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Bernie Kreft

WO# 05569

Certified by

	Sample #	Au ppb
s	IT-SS-4	25
s	IT-SS-5	28
s	IT-SS-6	31
s	IT-SS-7	46
s	IT-SS-8	143
s	IT-SS-9	19
s	IT-SS-10	181
s	IT-SS-11	152
s	IT-SS-12	122
s	IT-SS-13	28
s	IT-SS-14	36
s	IT-SS-15	48
s	IT-SS-16	13
s	IT-SS-17	51
s	IT-SS-18	11

Note: Poor repeatability of replicate Au analyses was noted for soil samples, indicating probable nugget effects from coarse gold.

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27/08/98 Certificate of Analysis

Bernie Kreft WO# 05569a

Certified by

	Sample #	Au grav oz/ton
p	IT-3	0.215
p	IT-6	0.568
p	IT-7	0.306
p	IT-SILT-2	0.316

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email: ecotech@mail.wkpowerlink.com

CERTIFICATE OF ASSAY AK 98-560

PLACER DOME CANADA LTD.
1440 HUGH ALLEN DRIVE
KAMLOOPS, B.C.
V1S 1L8

22-Sep-98

ATTENTION: BRIAN FOWLER

No. of samples received: 6
Sample type: Rock
PROJECT #: ~~MARS~~ HIT PROPERTY
SHIPMENT #: None Given
Sample submitted by: B. Fowler

ET #.	Tag #	Au (g/t)	Au (oz/t)		
1	59212	6.68	0.195	1.5m	6.93 g/t Au 7.0m
2	59213	15.90	0.464	1.0m	
3	59214	7.42	0.216	1.5m	
4	59215	6.84	0.199	1.5m	
5	59216	0.80	0.023	1.5m	
6	59217	<.03	<.001		

QC/DATA:

Resplit:

R/S 1	59212	6.38	0.186

Repeat:

1	59212	6.54	0.191

Standard:

STD-M	1.61	0.047

ECO-TECH LABORATORIES LTD.
per Frank J. Pezzotti, A.Sc.T.

23-Sep-98

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

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ICP CERTIFICATE OF ANALYSIS - AK98-560

PLACER DOME CANADA LTD.
1440 HUGH ALLEN DRIVE
KAMLOOPS, B.C.
V1S 1L8

ATTENTION: BRIAN FOWLER

No. of samples received: 6
Sample type: Rock
PROJECT #: ~~MARS~~ HIT Property
SHIPMENT #: None Given
Sample submitted by: B. Fowler

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	59212	1.0	0.35	6535	40	10	>10	<1	6	71	31	1.80	10	3.52	698	3	0.01	13	770	4	100	<20	213	<0.01	<10	54	<10	10	45
2	59213	1.4	0.39	9710	25	<5	>10	<1	6	61	154	1.79	10	1.58	724	3	0.01	21	960	32	370	<20	135	<0.01	<10	55	860	13	122
3	59214	0.6	0.68	6015	60	<5	>10	<1	5	55	32	1.38	10	1.67	454	3	0.04	13	790	4	100	<20	287	<0.01	<10	41	<10	8	64
4	59215	0.4	0.66	6115	70	<5	>10	<1	5	31	20	1.47	10	1.95	379	4	0.03	18	710	2	95	<20	316	<0.01	<10	71	<10	8	115
5	59216	0.2	1.25	740	160	<5	9.31	<1	2	28	15	0.43	10	2.17	175	<1	0.10	5	720	8	35	<20	257	0.03	<10	18	<10	7	15
6	59217	<0.2	1.61	30	130	<5	3.10	<1	5	48	24	0.75	<10	0.99	49	<1	0.11	14	1030	24	15	<20	180	0.10	<10	53	<10	4	13
QC/DATA:																													
Resplit:																													
R/S 1	59212	0.6	0.30	6400	40	<5	>10	<1	6	75	28	1.76	10	3.34	675	5	0.01	13	760	4	100	<20	197	<0.01	<10	51	<10	9	44
Repeat:																													
1	59212	1.0	0.35	6325	40	5	>10	<1	6	70	31	1.76	10	3.42	683	3	0.02	13	770	4	100	<20	206	<0.01	<10	53	<10	9	44
Standard:																													
GEO'98		0.8	1.62	60	160	5	1.62	<1	19	56	74	3.87	<10	0.88	661	<1	0.03	24	630	20	<5	<20	54	0.10	<10	74	<10	4	64

ECO-TECH LABORATORIES LTD.
per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

dl/548B
XLS/98Placer

5-Oct-98

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS - AK98-591R

PLACER DOME CANADA LTD.
1440 HUGH ALLEN DRIVE
KAMLOOPS, B.C.
V1S 1L8

ATTENTION: BRIAN FOWLER

No. of samples received: 7
Sample type: Rock
PROJECT #: HIT
SHIPMENT #: None Given
Sample submitted by: B. Fowler

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	59007	5	<0.2	2.00	5	140	<5	2.03	<1	4	40	31	0.72	<10	1.35	36	<1	0.20	16	990	4	15	<20	166	0.12	<10	65	<10	2	<1
2	59008	45	<0.2	2.09	20	135	<5	2.62	<1	6	78	37	1.21	<10	1.30	51	<1	0.18	18	1320	2	20	<20	137	0.11	<10	59	<10	3	7
3	59009	25	<0.2	1.21	35	85	<5	>10	<1	<1	48	16	0.16	10	0.15	54	1	0.24	3	680	<2	10	<20	354	0.04	<10	7	10	7	<1
4	59010	75	<0.2	0.73	40	105	<5	>10	<1	<1	45	22	0.30	20	0.34	207	<1	0.16	6	890	4	10	<20	188	0.03	<10	6	<10	8	<1
5	59011	>1000	1.0	0.53	>10000	25	<5	>10	<1	8	43	7	2.06	10	2.45	633	5	<0.01	23	960	20	130	<20	220	<0.01	<10	78	<10	10	101
6	59012	15	<0.2	1.41	20	210	<5	0.84	<1	14	127	18	2.36	30	0.90	242	<1	0.10	13	870	12	<5	<20	48	0.27	<10	68	<10	<1	14
7	59013	120	<0.2	1.19	50	10	100	>10	<1	3	46	2	0.43	20	0.11	204	<1	0.05	5	1510	<2	25	<20	132	0.06	<10	30	<10	8	7
QC/DATA:																														
Resplit:																														
R/S 1	59007	5	<0.2	2.09	10	140	<5	2.12	<1	4	40	33	0.77	<10	1.44	40	<1	0.21	15	1010	6	15	<20	168	0.13	<10	69	<10	3	<1
R/S 2	59008	30	<0.2	2.16	25	140	<5	2.76	<1	6	87	37	1.23	<10	1.35	39	<1	0.19	19	1380	6	20	<20	138	0.12	<10	61	<10	3	9
Repeat:																														
1	59007	5	<0.2	2.01	10	135	<5	2.05	<1	4	40	31	0.71	<10	1.37	30	<1	0.20	15	1010	6	15	<20	162	0.12	<10	65	<10	3	<1
2	59008	25	<0.2	2.14	20	135	<5	2.67	<1	6	80	37	1.22	<10	1.32	40	<1	0.19	19	1360	4	20	<20	137	0.11	<10	60	<10	3	8
Standard:																														
GEO'98		150	1.2	1.76	65	160	<5	1.74	<1	19	60	81	4.14	<10	0.99	688	<1	0.02	26	650	18	<5	<20	56	0.10	<10	77	<10	2	58

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ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
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CERTIFICATE OF ASSAY AK 98-591

PLACER DOME CANADA LTD.
1440 HUGH ALLEN DRIVE
KAMLOOPS, B.C.
V1S 1L8

6-Oct-98

ATTENTION: BRIAN FOWLER

RECEIVED
OCT 0 8 1998

No. of samples received: 7
Sample type: Rock
PROJECT #: HIT
SHIPMENT #: None Given
Sample submitted by: B. Fowler

ET #.	Tag #	Au (g/t)	Au (oz/t)	As (%)
5	59011	14.10	0.411	1.36

QC/DATA:

Repeat:				
5	59011	14.00	0.408	
Standard:				
STD-M		1.40	0.041	
Mp-IA				0.84

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XLS/98

HIT PROPERTY SAMPLE DESCRIPTIONS Sept 28/98

59007 - cream / tan, laminated skarn / calc silicate. Wavy, mm scale banding (prob S_0), Non calcareous. Breaks along banding. Crypto xln, non-magnetic, - should check for W. 2-3% fine, diss, sulfides - looks like pyrhotite with minor chalcopyrite. No fracture fill sulfides or veining. GRAB Sample from channel sample face.

59008 - Grab Sample - med-brown / grey, laminated, skarn / calc silicate. mm / cm scale banding separated by white, 1-2mm bands. Crypto xln, non-calc, non magnetic. Highly fractured - crackly appearance - hairline calcite ff & dry. 2-3% fine diss & clotted sulfide - pyrhotite? Taken from channeled face

59009 Grab sample - well banded (mm / cm scale) white / lt grey calc silicate rock. Mod frac - hairline / dry & calcite filled. Pseudo bx texture in places due to patchy replacement - silica? vf gxln, no vis sulfides.

59010 - Grab sample - as 59009, but banding slightly disrupted. white / cream & med grey, mm scale banding. Mod frac w calc infillings, Dark banding has very fine, diss sulfide - po? Total sulfide content, ≈ 3-5%? Rock looks like a marble that went too far! Nodular carbonate encrustation on weathered face.

59011 - Grab sample. Banded skarn rock, Very calcareous. mm scale blotches (grey) of very fine sulfide - po? - appears bronze colored. Non magnetic - ≈ 5-7%. Med grey / white in color, green weathering - epidote?. Mod frac w calcite & sulfide mass. Min is frac controlled

9012 – GRAB – HFZ INTRUSIVE Rock.. Mafic, white fine grained granodiorite. 10-12% hornblende, 5% biotite. Kfeld phenos in f gr plag qtz groundmass. Sample taken upslope from auriferous skarn. Dead looking, no fracs, no vis sulphides.

9013 – Almandine garnet skarn / calc silicate rock. Lt green cm. scale bands with clots / mm thick H gm / pink garnet bands. Very heavy rock – very calcareous. Light green component / calc silicate radiating tremolite on faces. Trace laminae parting hosted very fine sulfide – Pyrrhotite??

Pit Target Area

Location – This target is centered on a gravel pit adjacent to the North Canol Highway at kilometre 38.8. It is located on NTS mapsheet 105-J-4 in the Mayo Mining District, at its border with the Watson Lake Mining District. Work was performed in a 3.0 kilometre wide corridor centered on the Canol road in the vicinity of the discovery showing.

Access – Access was by truck to the target, a distance of approximately 419 kilometres one way. Ground traverses were run from the road.

Work Program – Work was to consist of prospecting and a soil sample grid centered over the showing. Due to the heavy and highly variable till, overburden and swamp cover in the area, the intended soil-sampling program was scrapped, shortening the trip to 3 days. Day one was spent driving to the area, setting up camp and general prospecting in the immediate area of the showing. Day two was spent running traverses along the Canol road for approximately 6.0 kilometres on either side of the showing. Day three was spent finishing the traverses and doing detailed rock sampling in the pit. Subsequent to the aforementioned work, two one-day visits were made to acquire samples for cutting and polishing as well as for assay.

Results – Prospecting traverses failed to locate any new mineralized showings or outcrops. Geology encountered in the vicinity of the pit is predominantly granite and it appears that the showing may be hosted within a roof pendant. Farther to the south are outcrops of sediments, which are in places quite carbonaceous and may be considered prospective for coal.

Results of the detailed sampling in the pit were generally negative. Of the 19 samples taken to represent all lithologies present; only three were greater than 100 ppb Au. Sample Pit-13, a pyrrhotite and chalcopyrite mineralized skarn lense approximately 0.6m by 3.0m hosted by quartzite returned 1337 ppb Au. Sample Pit-10, a proximally derived boulder (0.6m by 0.8m) of tan dolomite cut by pyritic chalcedonic veinlets returned 575 ppb Au. Sample Pit-3, a rusty sediment mineralized with pyrite and chalcopyrite returned 137 ppb Au. None of the above rock types occur in abundance in the pit area. The remaining samples were taken to represent wallrock to the above anomalous samples, or the different rock types in the pit.

The two one-day visits resulted in a further 8 samples. Three of the samples returned anomalous gold values (270, 279 and 453 ppb), but these samples were all similar in composition. Prospecting completed at the time of the visits failed enlarge the size of the occurrence.

Conclusions – Highly anomalous gold values have been returned from silicified pyrrhotite mineralized skarn? lenses as well as epithermal veining within dolomite. This is a new discovery in a predominantly overburden covered area. Size and grade potential of both types of mineralization appears to be limited at the main showing. Further potential lies in expanding the known mineralization along strike or at depth.

Recommendations – Further work is recommended, but will be of a low priority due to the limited size and grade of the discovery showing. Work should consist of geophysics (magnetometer and VLF/EM) to be followed by excavator trenching.

Costs

Truck Costs (860 km x $0.42/km)	=	$361.20
Living Expense (2 people x 5 days x $35/day)	=	$350.00
Wages For Helper (5 days x $125/day)	=	$625.00
	TOTAL =	$1336.20

Pit-1 > 0.3m chip across weakly rusty siltstone
Pit-2 > 0.6m chip of sandy dolomite with trace disseminated pyrite
Pit-3 > 0.3m chip as -1 with pyrite in veins and along fractures
Pit-4 > rep grabs of limy sediment
Pit-5 > meta siltstone cut by qtz py veins and fractures with trace epidote
Pit-6 > as above 1.0m chip
Pit-7 > as Pit-5 1.0m chip
Pit-8 > 1.0m chip adjacent to Pit-7 grey quartzite
Pit-9 > 1.0m chip adjacent to Pit-8 same as with trace diss. Pyrite
Pit-10 > 0.4m chip tan dolomite cut by pyritic chalcedonic veinlets
Pit-11 > rep sample of 10cm wide limonitic gouge zone
Pit-12 > grab sample of limonitic grey quartzite
Pit-13 > 0.4m x 2.0m skarn lense 10% sulphides within quartzite
Pit-14 > host-rock to Pit-13, 0.3m chip limey quartzite with trace diss. pyrrhotite
Pit-15 > 1.0m chip as per Pit-14 trace diss pyrrhotite
Pit-16 > rep grab limey quartzite
Pit-17 > 0.5m chip as per Pit-16 about 0.5% pyrrhotite
Pit-18 > 1.0m chip as above with trace pyrrhotite diss. and coating fractures
Pit-19 > 2.0m chip weakly silicified dolomite
Pit-20 > altered green volcanic rock with 3% disseminated pyrite
Pit-21 > numerous quartz eyes and small black prisms set in dark grey fine groundmass
Pit-22 > rounded to sub-angular fragments of pyrrhotite mineralized quartz set in a groundmass of creamy white, sucrosic hard stuff with 0.5% po
Pit-23 > Brx black chert/sed fragments set in a groundmass similar to –22, rock is silicified and cut by a weak qtz vein stockwork; rock contains about 3% py/po which is mostly within groundmass.
Pit-24 > black sed with diss and blebby po to 5%
Pit-25 > as per –22 with about 1% po
Pit-26 > silicified sed? Cut by a well developed stockwork of weakly chalcedonic quartz veinlets; at least two distinct episodes of veining are present, trace diss po in country rock
Pit-27 > as per –22 with about 1.0 % po

Northern Analytical Laboratories ltd.

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02/09/98 Certificate of Analysis

Bernie Kreft

WO# 05586

Certified by

	Sample #	Au ppb
r	PIT-20	27
r	PIT-21	5
r	PIT-22	453
r	PIT-23	270
r	PIT-24	26
r	PIT-25	279
r	PIT-26	41
r	PIT-27	40

Northern Analytical Laboratories ltd.

05/06/98 Assay Certificate Page 1

Bernie Kreft WO# 07985

Certified by

Sample #	Au ppb
PIT - 1	<5
PIT - 2	30
PIT - 3	137
PIT - 4	9
PIT - 5	11
PIT - 6	5
PIT - 7	41
PIT - 8	6
PIT - 9	6
PIT - 10	575
PIT - 11	54
PIT - 12	15
PIT - 13	1337
PIT - 14	44
PIT - 15	56
PIT - 16	6
PIT - 17	7
PIT - 18	20
PIT - 19	22

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

INTERNATIONAL PLASMA LABORATORY LTD.

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

CERTIFICATE OF ANALYSIS
iPJ 98F0542

Client : Northern Analytical Laboratories
Project: W.O. 7985

19 Samples
19=Pulp

[054212:29:48:89061298]

Out: Jun 12, 1998
In : Jun 09, 1998

Sample Name	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	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
PIT 1 P	<	52	10	21	31	<	<	11	<	<	0.7	5	62	51	<	80	210	90	22	17	8	3	0.01	0.68	2.17	1.06	0.50	0.12	<	0.05
PIT 2 P	0.6	162	95	676	26	<	<	4	<	<	7.6	5	3	34	<	12	10	347	2	16	8	<	0.01	0.20	10%	1.49	6.61	<	<	<
PIT 3 P	0.9	1116	7	32	155	<	<	24	<	<	2.4	17	25	24	<	81	86	54	4	10	7	2	0.03	0.98	0.18	4.66	0.61	0.21	<	0.05
PIT 4 P	0.4	30	6	30	18	<	<	21	<	<	0.9	4	31	64	<	50	84	523	12	43	7	3	<	0.62	8.89	1.51	0.73	0.06	<	0.06
PIT 5 P	0.2	90	8	24	36	<	<	7	<	<	1.1	10	46	166	<	91	162	90	9	29	10	5	0.05	1.72	1.54	1.65	0.85	0.33	0.05	0.08
PIT 6 P	0.1	53	5	15	45	<	<	15	<	<	0.6	4	55	50	<	80	105	126	16	15	5	1	<	0.46	1.84	1.07	0.50	0.03	<	0.03
PIT 7 P	0.8	616	15	66	45	19	<	62	<	<	3.4	36	89	93	<	73	324	203	86	26	9	6	0.01	1.50	1.90	5.31	1.13	0.10	<	0.09
PIT 8 P	0.3	40	10	36	35	<	<	22	<	<	0.9	6	91	65	<	92	327	134	26	17	11	3	0.01	0.96	1.29	1.68	0.82	0.11	<	0.06
PIT 9 P	0.3	74	7	32	26	<	<	10	<	<	1.0	5	36	61	<	63	156	277	25	51	10	3	0.01	1.00	5.75	1.69	1.07	0.05	<	0.05
PIT 10 P	1.3	597	16	86	17	<	<	9	<	<	3.8	11	7	59	<	14	10	847	3	94	13	1	0.01	0.36	21%	5.62	5.89	<	<	<
PIT 11 P	0.7	85	22	30	52	31	<	8	<	<	3.0	5	9	43	<	20	43	127	10	24	6	5	<	0.49	0.35	5.92	0.17	0.07	<	0.05
PIT 12 P	0.4	121	10	37	34	<	<	9	<	<	1.3	8	40	78	<	67	164	192	24	19	10	4	0.01	1.27	2.17	2.07	1.07	0.22	<	0.09
PIT 13 P	2.6	476	94	164	<	<	<	7	<	117	8.8	12	7	19	<	6	5	726	<	5	21	1	0.02	0.26	1.05	15%	17%	<	<	<
PIT 14 P	0.3	3	292	92	37	<	<	5	<	<	1.2	<	3	17	<	10	11	546	8	73	6	1	0.01	0.41	20%	0.43	13%	<	0.01	<
PIT 15 P	1.9	496	154	253	28	<	<	7	<	<	5.4	11	8	22	<	14	6	661	2	4	22	2	0.03	0.57	0.53	5.13	17%	0.03	<	<
PIT 16 P	0.2	5	5	3	8	<	<	5	<	<	0.2	<	3	24	<	5	6	296	3	58	1	<	<	0.15	25%	0.49	14%	0.02	0.01	0.01
PIT 17 P	0.3	18	16	17	59	<	<	4	<	<	0.8	10	3	140	<	5	37	330	7	27	3	4	0.05	3.51	2.14	1.62	11%	0.03	<	0.05
PIT 18 P	<	112	11	26	8	<	<	4	<	<	1.4	7	15	10	<	15	14	219	<	2	15	1	0.03	0.60	0.83	2.98	6.12	<	<	<
PIT 19 P	0.2	20	40	100	41	<	<	4	<	<	1.4	2	6	18	<	13	55	488	10	44	16	1	0.02	0.64	22%	0.56	11%	<	0.01	0.01
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	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	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 SampleP=Pulp

INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS

iP_ 98I0942

2036 Columb[illegible] Street
Vancouver, [illegible]
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898

Client : Northern Analytical Laboratories
Project: W.O. # 5586

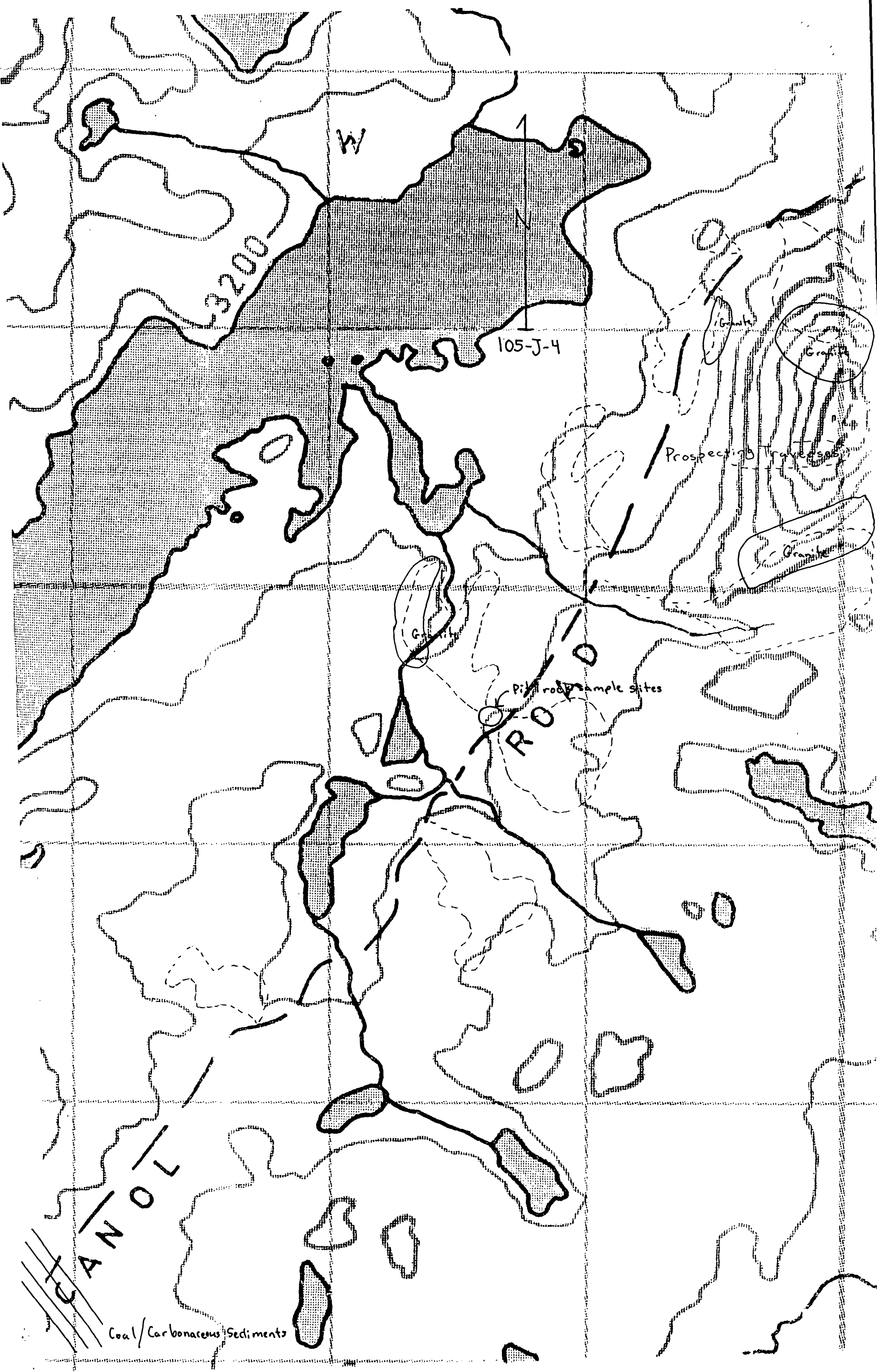
8 Samples
8=Pulp

[094209:03:15:89091498]

Out: Sep 14, 1998
In : Sep 08, 1998

Sample Name		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	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
PIT - 20	P	2.3	24	125	127	42	<	<	2	<	<	3.3	22	7	14	<	25	28	366	8	10	17	2	0.06	2.06	1.96	4.15	4.08	0.02	<	0.05
PIT - 21	P	0.1	124	43	390	21	<	<	3	<	<	5.2	9	13	11	<	17	35	422	6	3	26	1	0.04	0.89	0.68	3.82	10%	<	<	0.01
PIT - 22	P	0.6	17	96	297	38	5	<	3	<	<	3.6	4	24	66	<	18	15	747	6	25	44	2	0.03	0.99	10%	1.42	12%	<	<	<
PIT - 23	P	0.1	153	28	125	22	8	<	2	<	<	2.1	9	22	10	<	18	53	247	2	4	18	1	0.04	0.62	2.21	4.00	7.01	<	<	<
PIT - 24	P	0.3	113	25	32	11	6	<	2	<	<	2.5	7	16	5	<	25	13	253	<	1	12	1	0.02	0.55	0.59	2.99	5.49	0.01	<	<
PIT - 25	P	0.5	208	10	58	<	<	<	2	<	<	2.5	8	7	44	<	13	6	393	<	42	21	<	0.01	0.27	9.20	3.98	3.73	<	<	<
PIT - 26	P	0.3	128	30	112	25	7	<	3	<	8	1.9	7	15	11	<	19	52	248	2	4	16	1	0.04	0.57	1.93	3.71	7.25	<	<	<
PIT - 27	P	0.5	44	16	35	67	<	<	1	<	<	1.5	14	7	200	<	76	73	168	19	117	4	4	0.14	3.12	1.97	3.01	0.96	0.12	0.23	0.06
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	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	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 SampleP=Pulp


W
N
105-J-4
3200
Granite
Granite
Prospecting Traverses
Granite
Granite
Pitroad sample sites
ROAD
ROAD
Coal/Carbonaceous Sediments

Sixtymile Target Area

Location – This target is located in the Dawson Mining District on NTS mapsheet 115-N-15. Work was to have been concentrated on the silver-lead veins located south of the Sixtymile River.

Access – Access was by truck via the Top Of The World Highway and the local placer mining roads. These roads are all in good condition up to the Sixtymile River. Miners have recently diverted the river and the local bridge now sits high and dry 200m north of it. Several local fords were also impassable due to diversions, washouts and/or high water.

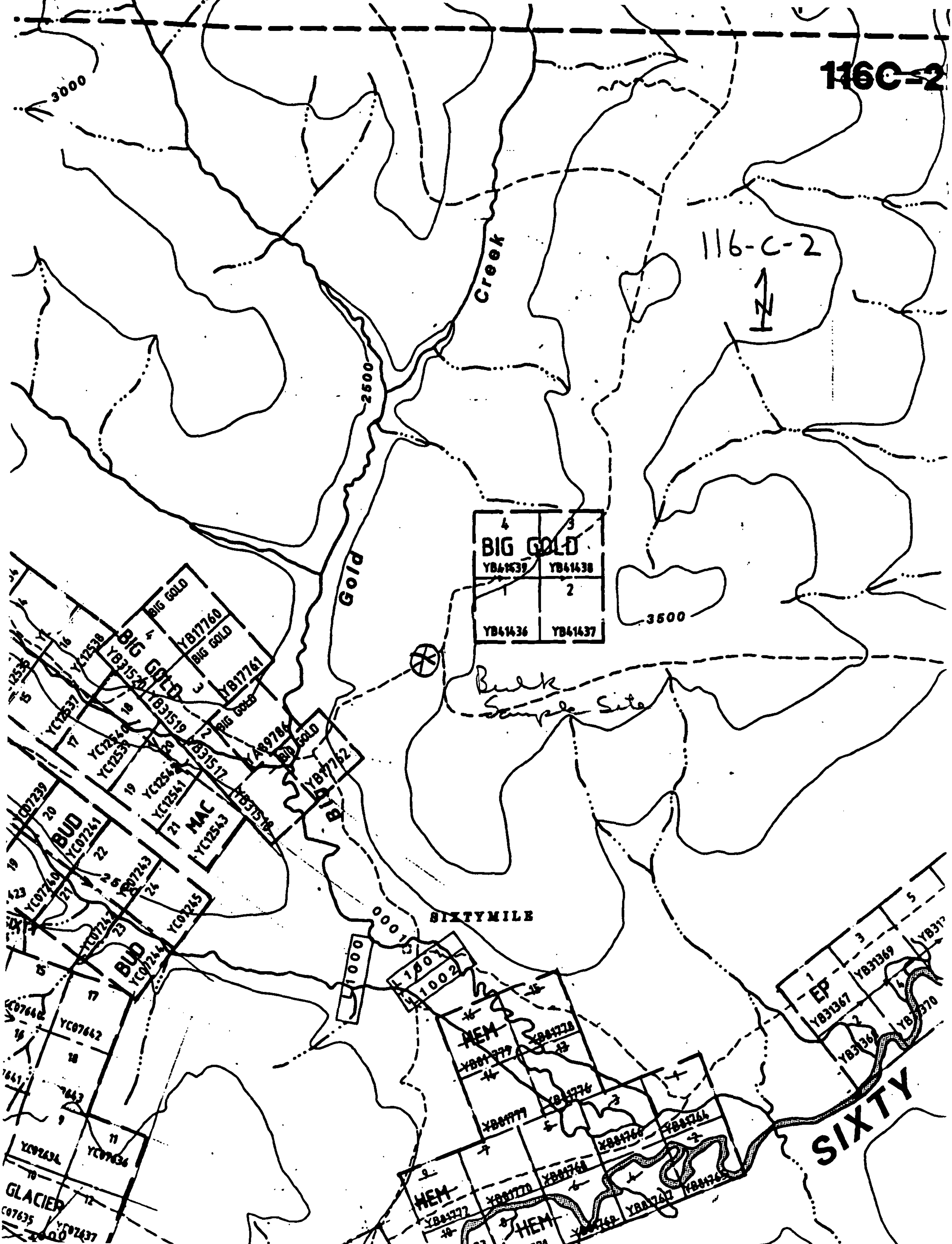
Work Program – Work on the property was completed during the period June 23-24. June 23rd was spent driving from Whitehorse to the target area, and then trying to find a way across the river. June 24th was spent trying to get someone to re-divert the river and/or take us across the river on a high-boy. We did not manage to get across. On the way back to Whitehorse, we took an 80lb sample of quartz pebble conglomerate from an outcrop located adjacent to the Sixtymile access road 1.5 km north of the confluence of Little Gold and Big Gold Creeks (NTS 116-C-2). This sample was taken to NAL, crushed to –20 mesh and panned to assess its freegold content. Approximately 40lbs were washed in a standard gold pan, no gold was recovered. No further processing of the bulk sample was undertaken.

A return trip was planned to the original target area later in the summer when the Sixtymile River water levels would be lower. A check of the pertinent quartz claim sheet prior to our return trip showed about 80 recently staked claims over the target. Based on this information, our return trip was cancelled.

Conclusions And Recommendations – No further work is recommended in this area.

Costs

Truck Costs (1200km x $0.42/km)	=	$504.00
Living Expenses (2 people x 2 days x $35/day)	=	$140.00
Wages For Helper (2 days x $125/day)	=	$250.00
Total		$894.00



116C-2
116-C-2
3000
2500
3500
1000
Creek
Gold
BIG GOLD
YB41439
YB41438
YB41436
YB41437
Bulk Sample Site
SIXTYMILE
SIXTY
YB17760
YB17761
YB17762
YB31520
YB31519
YB31517
YB31518
YA89786
BUD
MAC
YC12543
HEM
EP
YB31367
YB31369
GLACIER

Clear East Target Area

Location – This target is in the Dawson Mining District on NTS mapsheet 115-P-14, just east of the headwaters of Clear Creek. Work was performed along the upper 5 kilometres of the creek.

Access – Access was by truck via a branch off of the Left Clear Creek road in the vicinity of the uppermost placer mining camp. The road was in generally poor condition east of the pass, and some handwork was needed to facilitate vehicular access.

Work Program – Work on the property was undertaken during the period June 12-16. Originally I had planned a ten-day trip into the area, which was to cover Josephine Creek as well as the headwaters of the Little South Klondike River. This trip was shortened due to poor test results on Josephine as well as poor local road conditions.

A total of five bulk samples totaling 8 cubic yards were taken. Sample sites were chosen on the basis of positive results from panning in areas thought favorable for gold deposition. Samples were taken across all strata exposed in each particular pit, and are therefore thought to be representative of the average grade of the gravels. All excavated material was screened to minus 1.0 centimetre. It was washed in a one foot wide by five feet long sluice lined with expanded metal (1.5-10h) and un-backed nomad matting, set at a gradient of 1.5 inches per foot and fed with gravity flow water. This set-up allowed for proper riffle formation, with excellent sorting action observed at each set-up.

Results – General prospecting located numerous areas where traces of extremely fine gold could be panned. Gold did not appear to be concentrated in any one particular horizon, but rather, was dispersed throughout the entire section with a slight increase towards bedrock. No coarse gold (greater than 40 mesh) was encountered during the testing program.

Depth to bedrock is highly variable along the creek. Along the upper 2.0 kilometres the gradient of the creek is steep, and bedrock is frequently exposed. Down from this, the gradient decreases and gravels begin to accumulate. Where measured, thicknesses in this area vary from 1.5 to 3.6 metres. Gravels consist of lenses and irregular layers of sand, gravel and boulders up to 1.5m in diameter. Occasional lenses of iron and manganese stained gravel were encountered, these were nowhere consistent, and likely represent the remnants of what were once continuous units now disrupted by periods of flooding and deposition. Clay content is negligible within the upper half of the section, but rapidly increases as bedrock is approached, to the point where gold recovery would be hindered if care was not taken during testing.

Test site #1 – Approximately 5.3 km down from the headwaters, opposite the mouth of a left limit tributary. A one cubic yard sample from one foot to four feet depth yielded 5 pieces of fine gold.

Test site #2 – Approximately 4.95 km down from the headwaters. A one cubic yard sample was taken at random from material pushed up by a bulldozer. Nine pieces of fine gold were recovered.

Test site #3 – Approximately 4.1 km down from the headwaters. A two cubic yard sample was taken from the left bank of a large trenched area. This sample represents material from one foot to five feet in depth. Fifteen pieces of fine gold were recovered.

Test site #4 – Approximately 2.65 km down from the headwaters. A two cubic yard sample was taken from the lower 2.5 feet of gravel and upper 0.5 feet of broken bedrock. Twenty-nine pieces of fine gold were recovered, with a weight of approximately 100 milligrams. This equals a value of 1.6 ounces per 1000 cubic yards.

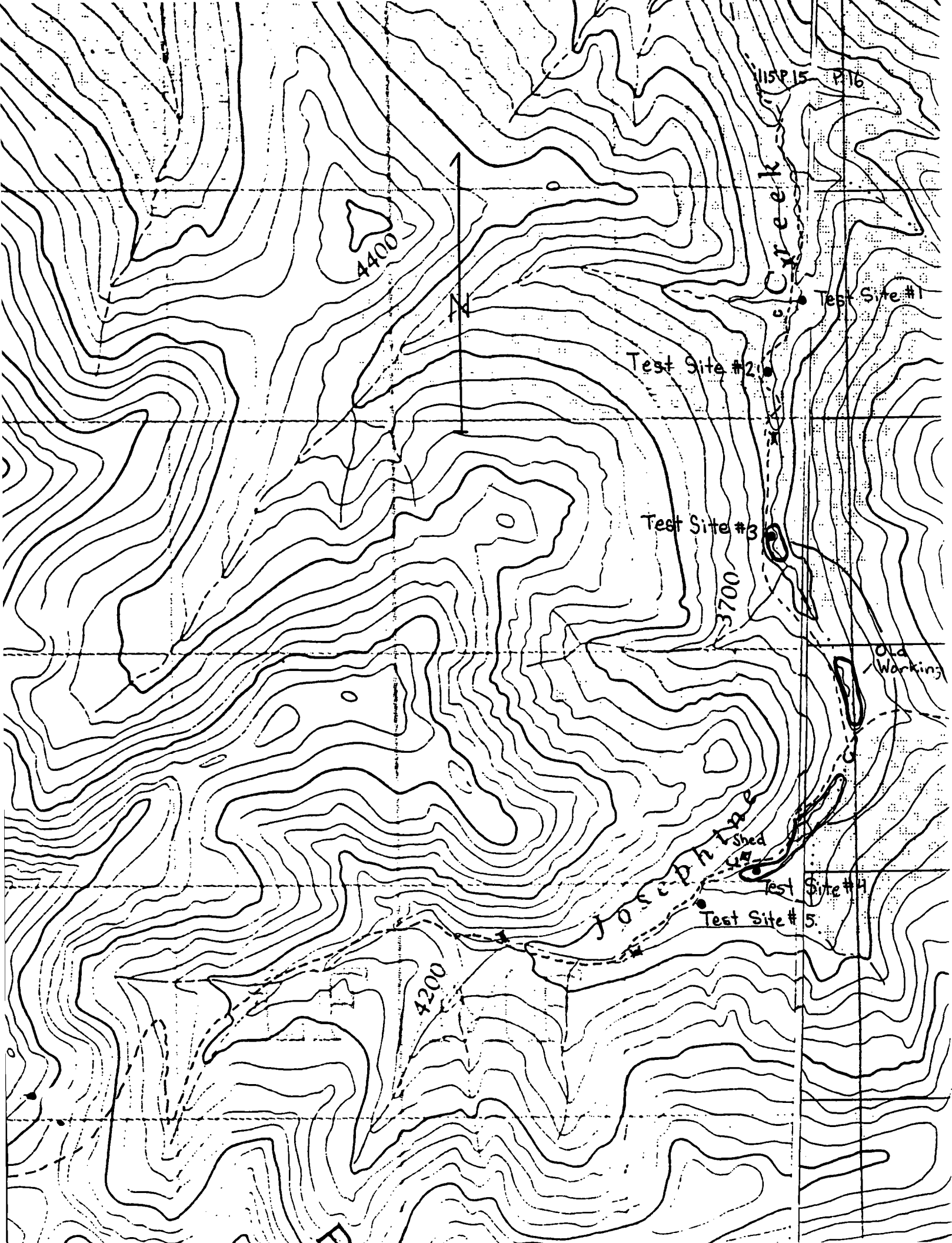
Test site #5 – Approximately 2.35 km down from the headwaters. A two cubic yard sample was taken from a natural bank exposure from a depth of 1 foot to 5 feet. Five pieces of fine gold were recovered.

Conclusions – Grades encountered during the sampling program were well below economic consideration. There is potential for a nugget effect to perhaps increase the average grade of the gravel, but the opposite is also possible. Fine-grained gold is common throughout the drainage basin, but only the most sophisticated sluicing system would be able to consistently retain the extremely fine gold.

Recommendations – No further work is recommended at this site.

Costs

- Truck Costs (850 km x $0.42/km)	=	$357.00
- Living Expense (2 people x 5 days x $35/day)	=	$350.00
- Wages For Helper (5 days x $125/day)	=	$625.00
- Testing Equipment	=	$100.00
TOTAL	=	$1,432.00


115 P.15
P.16
Creek
4400
N
Test Site #1
Test Site #2
Test Site #3
3700
Old Workings
Shed
Test Site #4
Test Site # 5.
4200

Grew Creek Target Area

Location – This target is located in the Whitehorse Mining District on NTS mapsheet 105-K-3. Work was performed in an area extending from 800 metres below the highway crossing to a point 1.6 kilometres above the highway crossing.

Access – Access was by truck from Whitehorse to the target area, a one way distance of 370 kilometres. Several local 4wd roads provide access to the areas prospected. These roads are in good condition except for several small washouts.

Work Program – Work on the property was completed during the period June 26-30, and on September 4th 1998. During the initial trip, prospecting and small-scale bulk samples were taken upstream of the highway crossing. September 4th was spent following up recommendations outlined during the first visit, specifically, further hand testing and prospecting immediately below the highway crossing.

A total of four bulk samples totaling 10 cubic yards were taken. Sample sites were chosen on the basis of positive results from panning in areas thought favorable for gold deposition. Samples were taken across all strata exposed in each particular pit, and are therefore thought to be representative of the average grade of the gravels. All excavated material from the first two sites was screened to minus 1.0 centimetre, while the last two sites were screened to minus 0.5 centimetre. Screened material was washed in a one foot wide by five feet long sluice lined with expanded metal (1.5-10h) and un-backed nomad matting, set at a gradient of 1.5 inches per foot and fed with gravity flow water. This set up allowed for proper riffle formation, with excellent sorting action observed at each sample site.

Results – General prospecting located numerous areas where the occasional flake of fine gold could be panned. Gold is concentrated in various layers throughout the entire section with no discernible increase in values occurring on bedrock. Gold is fine and flat with the rare piece of coarse (30 mesh) gold that may be in fact folded flakes.

Depth to bedrock is extremely variable along the creek. Gravels were noted to be as thin as 0.6m on a low rock cut bench, and as thick as 3.5m in a nearby bulldozer trench. Fluvial deposits are thawed and vary from a jumbled poorly sorted boulder gravel to finely interbedded sand and pea-sized gravel. Clay content of the gravels is negligible. Bedrock along most of the creek is heavily clay altered and decomposed, and therefore, easily eroded during flood events. Down cutting and the subsequent re-deposition of the sediments is likely the cause of the erratic distribution of placer gold. For example, a gold-bearing horizon located upstream on bedrock may be partially eroded through and re-deposited on top of barren gravel in a downstream location. There are three possible sources for the placer gold:

A) the Grew Creek epithermal gold deposit
B) a recently cemented conglomerate occurring for half a mile up from the highway (old channel?)
C) concentrated by stream action from the glacial till which covers much of the area

Test Site #1 – Approximately 110 metres upstream from the highway crossing. A 4.0 cubic yard sample was taken from surface gravels. Sixteen pieces of fine gold were recovered.

Test Site #2 – Approximately 140 metres upstream from the highway crossing. A 2.5 cubic yard sample was taken from the streambed and a small gravel bar. Fourteen pieces of fine gold were recovered.

Test Site #3 – Approximately 900 metres upstream from the highway crossing. A 1.5 cubic yard sample was taken from a bank at a depth of from two to five feet. Height of the bank from bedrock to surface is 6.5 feet. Sixty-two pieces of fine gold were recovered, weighing about 490 milligrams; this equals a value of 1.05 ounces per 100 cubic yards.

Test Site #4 – Approximately 850 metres upstream of the highway crossing. A 2.0 cubic yard sample was taken from a low rock cut bench. Material on the bench averaged 0.5 metres deep. Twenty-six pieces of fine gold were recovered, weighing about 490 milligrams. This equals a value of 0.27 ounces per 100 cubic yards.

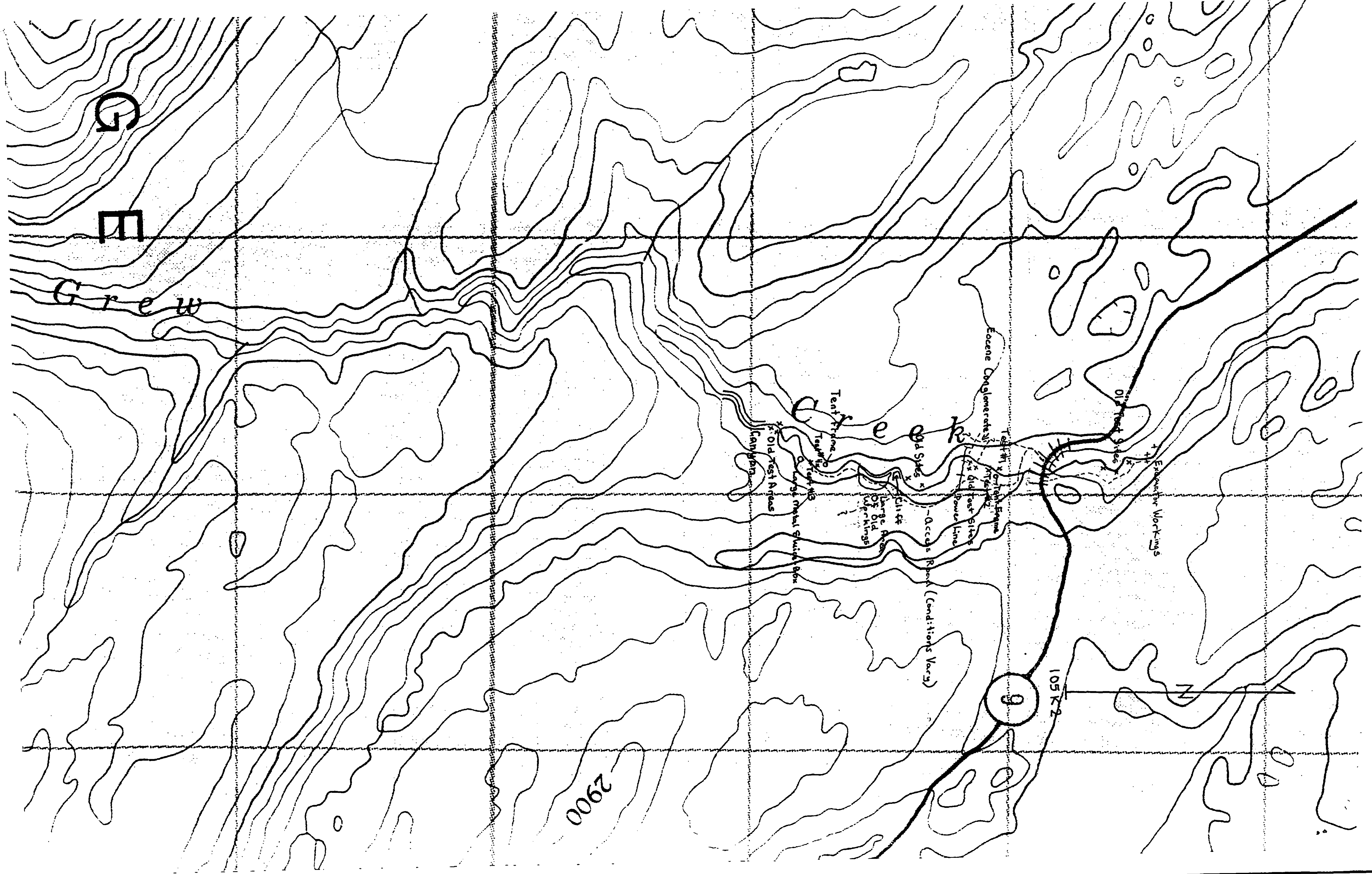
Prospecting downstream of the highway crossing was conducted as it appeared that down cutting was minimal in this area and therefore gold would possibly have a chance to deposit and form a continuous defined paystreak in this area. Panning of surface gravels encountered less gold than what was recovered from surface upstream of the highway crossing. A significant amount of recent excavator trenching was located in this area.

Conclusions – The best grades encountered during the testing program were approaching, or just at, economic consideration, given the good ground conditions (no permafrost, minimal overburden and low clay content) and ease of access. The narrow valley, undulating bedrock surface and disrupted paystreak would make mining difficult in the vicinity of the best test results. It appears that there has been sufficient, recent, excavator trenching to properly test the area downstream from the highway crossing.

Recommendations – No further work is recommended at this site. Based on the low but encouraging results obtained from Grew Creek, further work is warranted on other reported gold-bearing drainages in the area (Starr Creek, Lapie River and Hoole River).

Costs

Truck Costs (740km x $0.42/km)	=	$310.80
Living Expenses (2 people x 5 day; 1 person x 1 day)	=	$385.00
Wages For Helper (5 days x $125/day)	=	$625.00
Testing Equipment	=	$100.00
TOTAL		$1420.80


G
E
Grew
Creek
Tent Frame
Canyon
Old Test Areas
Large Metal Sluice Box
Test #3
Old Sites
Cliff
Large Area Of Old Workings
Access Road (Conditions Vary)
Eocene Conglomerate
Test #1
Tent Frame
Old Test Sites
Power Line
Old Test Sites
Excavator Workings
105 K2
9
N
2900

Fiddler Target Area

Location – This target is located in the Watson Lake Mining District on NTS mapsheet 105-B-1. Work was concentrated in two main areas: 1.7km S.S.E. of the Fiddler adit and adjacent to the Alaska Highway, approximately 6.5km east of Rancheria.

Access – Access was by truck. A rough 10km long 4wd road leaving the Alaska Highway just west of Boulder Creek provided access to the Fiddler area. Traverses were run by foot from the roads.

Work Program – Work was directed towards testing the theory that significant gold mineralization may be located peripheral to the Fiddler W-Sn deposit. This theory was based on the fact that previous workers had identified values of up to 0.04 oz/ton Au from narrow qtz-galena-aspy veins in the area to be prospected.

Prospecting located the historical showing, which was found to be a single narrow, discontinuous qtz-galena-aspy vein. This vein was not sampled due to its low economic potential. Located in the immediate vicinity of the sulphide vein was a 10m wide N.E trending stockwork and sheeted chalcedonic quartz vein system. Trace amounts of pyrite and pyrrhotite were found within the veins and disseminated in the adjacent wallrock. A total of 12 widespread grab and chip samples were taken of both types of mineralization, with no anomalous gold results returned.

A second area of stockwork and sheeted quartz veining was located adjacent to the north side of the Alaska Highway, approximately 6.5km east of Rancheria. Veining was located in scattered outcrops along an 850m strike length. Exposure is poor, but where exposed the vein system is about 12m wide with a N.W. trend. Mineralization consists of trace amounts of pyrite, galena and chalcopyrite disseminated within a few of the veins. The host sediments are occasionally highly silicified. Three samples were taken of this mineralization, with no anomalous gold results returned.

Conclusions – Significant gold does not appear to be associated with the Fiddler W-Sn deposit.

Recommendations – No further exploration for gold is recommended for the area.

Costs

Travel Costs (576 km x $0.42/km)	=	$241.92
Living Expenses (2 days x 1 person x $35/day)	=	$70.00
Total		$311.92

Rock Sample Descriptions

Fid-1> 1.5m chip sample of limonitic schist
Fid-2> as above and adjacent to
Fid-3> 1.5m chip of weak qtz stkwk cutting schist
Fid-4> 1.5m chip of sheeted and stkwk chacedonic qtz veins, schist wallrock is weakly silicified
Fid-5> 0.6m chip across a 0.2m banded vuggy qtz vein and its silicified wallrock
Fid-6> 2.0m chip as per Fid-4
Fid-7> 0.6m chip as per Fid-5
Fid-8> grab sample of a pyritic lense in schist
Fid-9> grab sample of qtz stkwk cutting limonitic schist
Fid-10> qtz veined limonitic schist grab sample
Fid-11> 2.0m chip of limonitic meta-phyllite mineralized with 2% diss po
Fid-12> 2.0m chip as above
Fid-13> 4.0m chip of highly silicified sed cut by a well developed stkwk of qtz veins mineralized with trace Py/Cu/Pb
Fid-14> 3.0m chip as above, less sulphide; approximately 675m west of Fid-13
Fid-15> 3.0m chip as above; approximately 75m west of Fid-14

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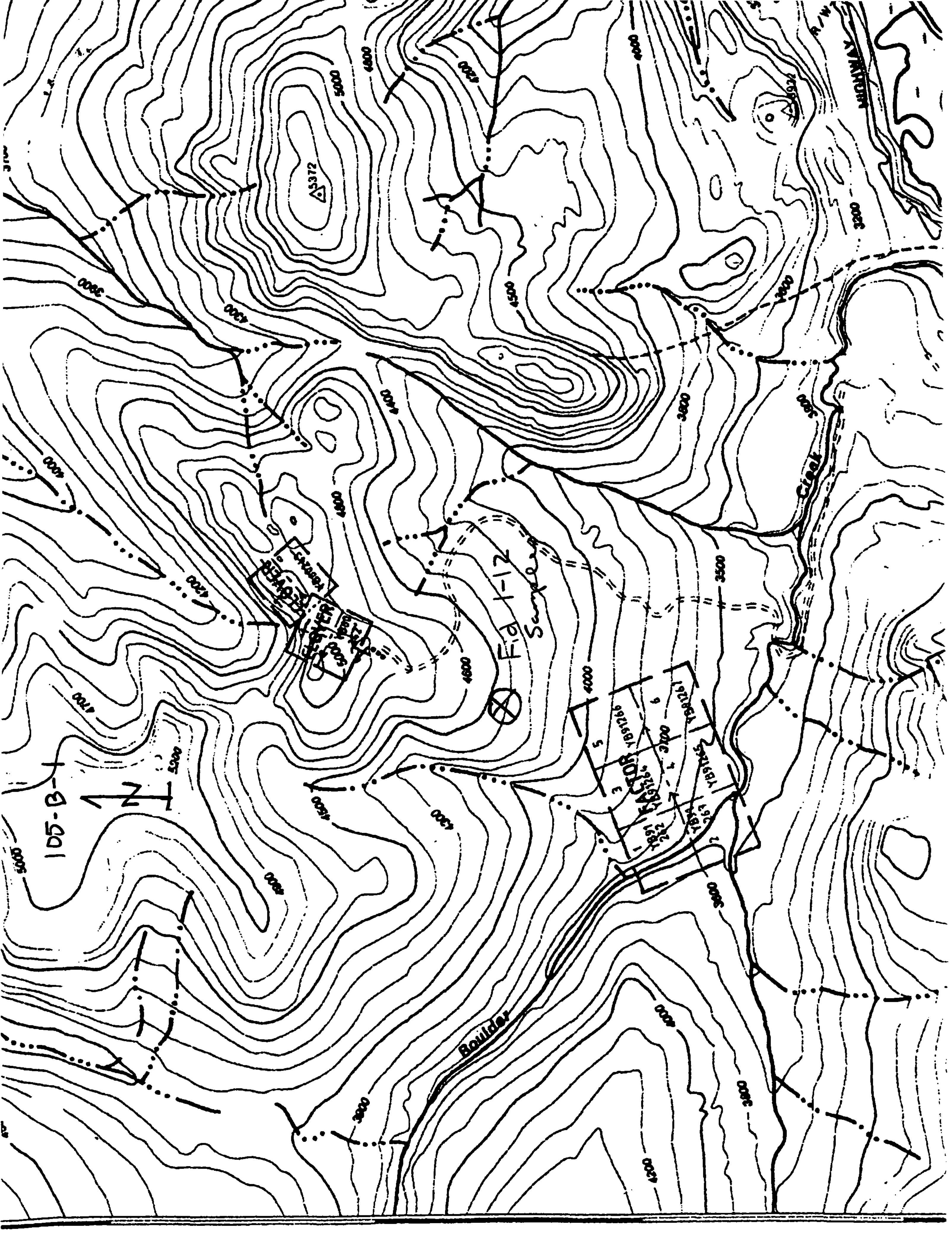
05/10/98 Certificate of Analysis

Bernie Kreft

WO# 05619

Certified by

Sample #	Au ppb
FID-1	20
FID-2	7
FID-3	6
FID-4	5
FID-5	6
FID-6	<5
FID-7	<5
FID-8	<5
FID-9	<5
FID-10	<5
FID-11	<5
FID-12	<5
FID-13	<5
FID-14	<5
FID-15	<5



105-B-1
N
FLOWER
FACTOR
Fd 1-12
Creek
Boulder

Stewart Crossing Target Area

A two day trip was undertaken to assess a moderate single point gold stream sediment anomaly. The anomalous sample site was found to be located within a wide, flat, heavily overburden covered area. No prospecting was undertaken as it was thought that the anomaly was likely a result of minor placer gold within the original sample. The anomaly is located on NTS mapsheet 115-P-1 at 136 27.5` and 63 06.1`, just east of the Klondike Highway.