93-109

Report
On
Barker Creek
Prospecting Trip

By
Bernie Ireft

For
Y.M.I.P.

25th September 1993

Location - Barker Creek is located on NTS mapsheet 115-O-2. The portion prospected is between 10.5 and 18 kilometres from the mouth of Barker on the Stewart River.

Access - Access to Barker was by truck to Dawson and then by fixed wing to a small [400m long] airstrip near the junction of Barker and Iron creeks. A much larger airstrip is located approximately 2.75 kilometres farther upstream, but it is currently unusable. Access for heavy equipment is by winter road from either Pelly farm to Scroggie Creek and on to Barker or from Black Hills Creek across the Stewart River and up Barker.

History - The creek was first staked in November 1898. Early miners mainly used the hydraulic method on the bench gravels along the upper half of Barker. A little work was directed towards the current stream gravels but they proved to be to low of grade to hand mine. Recent operators include; Barker Creek Placer Mining And Exploration, Queenstake Resources, West Coast Paving, Lee's Jade And Opals, Henry Calmegane and Robin Burian. The first three companies listed all had large operations on the creek, and were apparently unsuccessful as they did not return. The last three operators listed conducted small [1 to 4 man] operations and were successful.

Current Work And Results - Nineteen man days were spent prospecting Barker Creek, 2 men from June 24th to June 28th and 3 men from September 8th to September 10th. General prospecting was conducted with a pan along the Barker Creek valley bottom, and only two colors were found in the 60+ pans done. Panning was conducted in a recent mining cut in the valley bottom just upstream from the mouth of Iron Creek and one small colour was found in each of the 10 pans taken there. Hand pitting upstream from that cut was attempted but was stopped on account of permafrost. Further work was confined to digging, measuring, pan testing, and assessing the wash-ability and clast size of the remaining bench gravels along Barker Creek. The bench is on average 170 metres wide but in places is as much as 340 metres, and its surface slopes gently towards the creek. In spots the entire bench is beginning to slump into the valley bottom and the surface slope changes from @ 15% to almost 25%. Depth to bedrock on the bench was ascertained at 12 different spots by the writer. Most of these spots were near the edge of the bench in old mining cuts or in prospect trenches and two spots were in recently excavated shafts. Typical stratigraphy, near the edge of the bench where it is well-defined, consists of 0.3m of organics and loam overlying 0.3m of matrix supported gravel and 1.4m of regular, loosely packed and slightly sorted stream gravels. Deposits 120m from the edge of the bench, near the mouth of Iron Creek consist of 0.8m of muck and organics overlying 0.3m of matrix supported gravel and 2.9m of regular stream gravels, which seem to be packed slightly harder than gravels near the edge of the bench. Gravels 90m from the edge of the bench near the junction of Barker and Agate Creeks consist of 0.3m of organics and loam on 0.3m of clast supported gravel and 3.5m of normal stream gravels. The bench continues up Agate Creek for almost a kilometre. Deposits near the edge of the bench along Agate and immediately downstream on Barker consist of 0.3m of loam and organics

over 0.2m of matrix supported gravel and 1.4m of regular stream gravels. Gravels are generally flat with rounded edges and very few pieces are greater than 0.2m in diameter. Of the numerous pans taken in various areas only one pan had gold. This pan was from the upstream end of the mined area on the bench opposite Iron Creek. The gold recovered consisted of three pieces all approximately 3mm X 2mm x 1.5mm. All of the bench gravels ~~panned~~ tested, washed easily, and contained no clay. Permafrost is discontinuous with more occurring in the valley bottom and less on the bench. Bedrock varies from competent to heavily decomposed and consists of various types of schist, quartzite, gneiss and occasionally limestone. These rocks are all locally, and in places quite extensively intruded by granitic dykes.

Conclusions And Recommendations - Mining has been conducted at various locations along the entire length of the creek. Smaller operations have succeeded while larger operations have failed, probably due to mismanagement which is magnified by the isolated nature of the area. Large amounts of un-mined bench gravels occur. Bench gravels appear to be richer and easier to exploit than creek gravels. Placer gold on the creek may be derived from skarn type deposits as garnets commonly occur with the gold and the geology would be favorable for this type of deposit. Gold on the bench is prevailingly coarse [most pieces are worth $5 or more], therefore if the average grade is $10 to $15 a cubic yard it would be expected to find only 2 or 3 pieces in every cubic yard [150 standard pans] and this would mean to accurately test the stream gravels bulk sampling is needed.

[1] upgrade the strip at the mouth of Iron Creek
[2] rehabilitate the old hydraulic ditch which leads onto the bench at the mouth of Iron Creek
[3] do small-scale bulk testing at various spots along the edge of the bench near the hydraulic ditch
[4] assess the results of the test, if the results show a sufficient $ per yard value to justify mining then initiate a mining program, if values are to low, test other spots along the lease
  [a] at the extreme downstream end of the lease where the bench is well defined
  [b] at the apex of the gravel fans produced by Push Creek and by 16 Pup
  [c] on the bench immediately upstream from Push Creek on ground previously stripped

Costs

Food	19 man days x $52/day	$988.00
Truck	One trip x 1000km x $0.38/km	$380.00
Airplane	One Trip x $698/trip	$698.00
Helper	K.Suits 5 days x $100/day	$500.00
Helper	B.Lyons 3 days	$450.00
	Tot.	$3016.00

Maps are labelled from one [1] to five [5]. Number one is the downstream end of the map and five is the upstream end. The creek flows N.N.W.

Scale = 1:4800

Shafts =

Trenches =

Roads =

Mined Ground =

Stripped Ground =

Trailers =

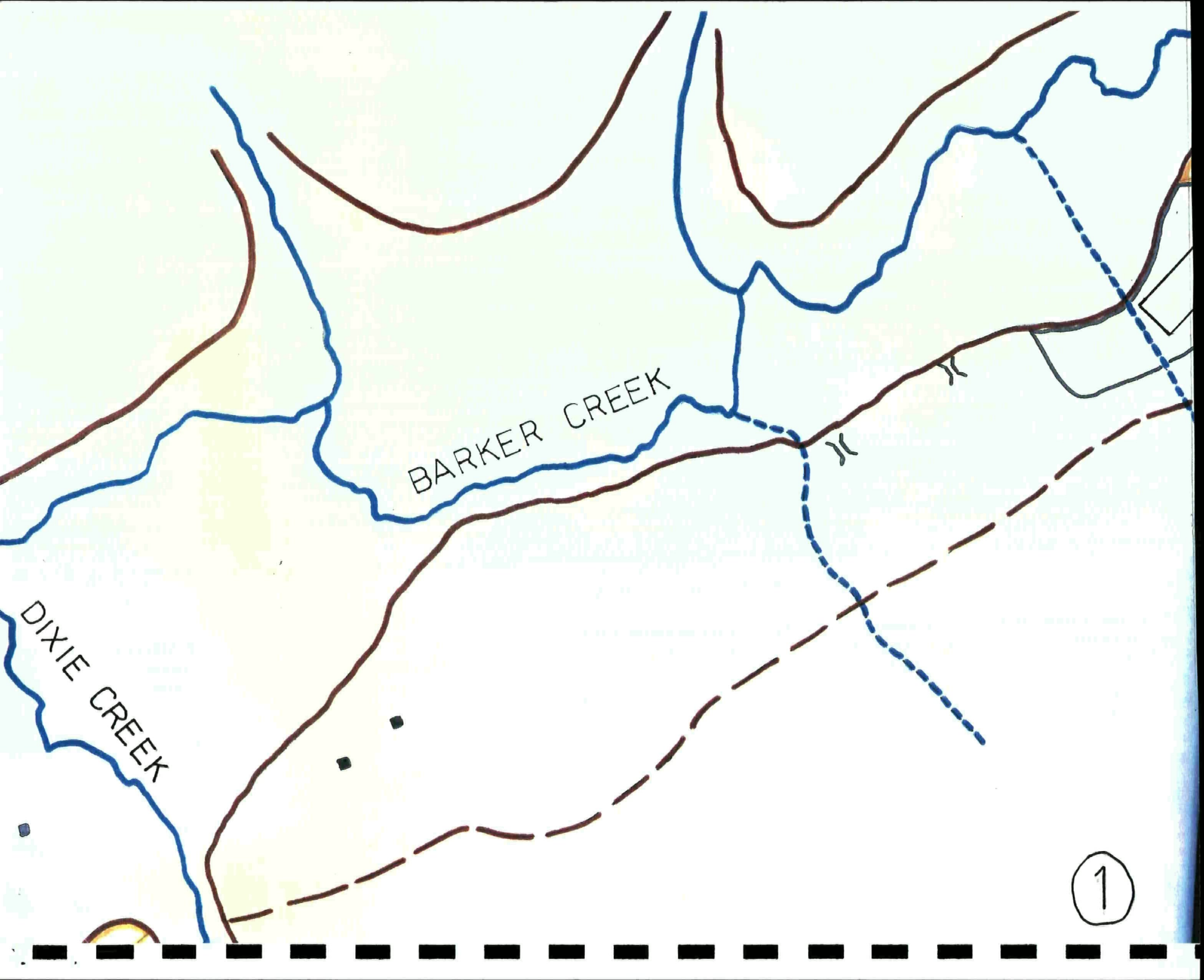
Wooden Structures =

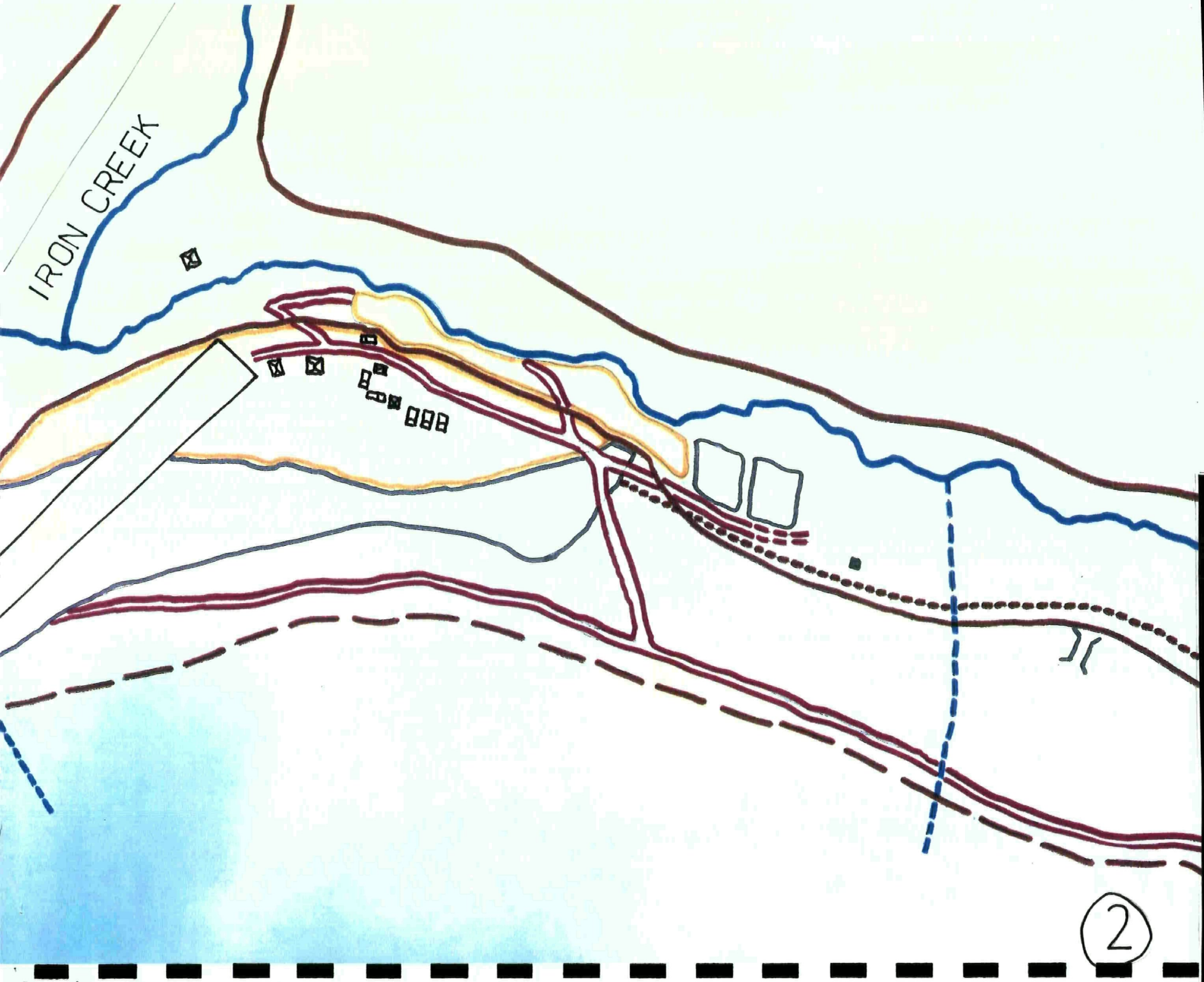
Hydraulic Ditches =

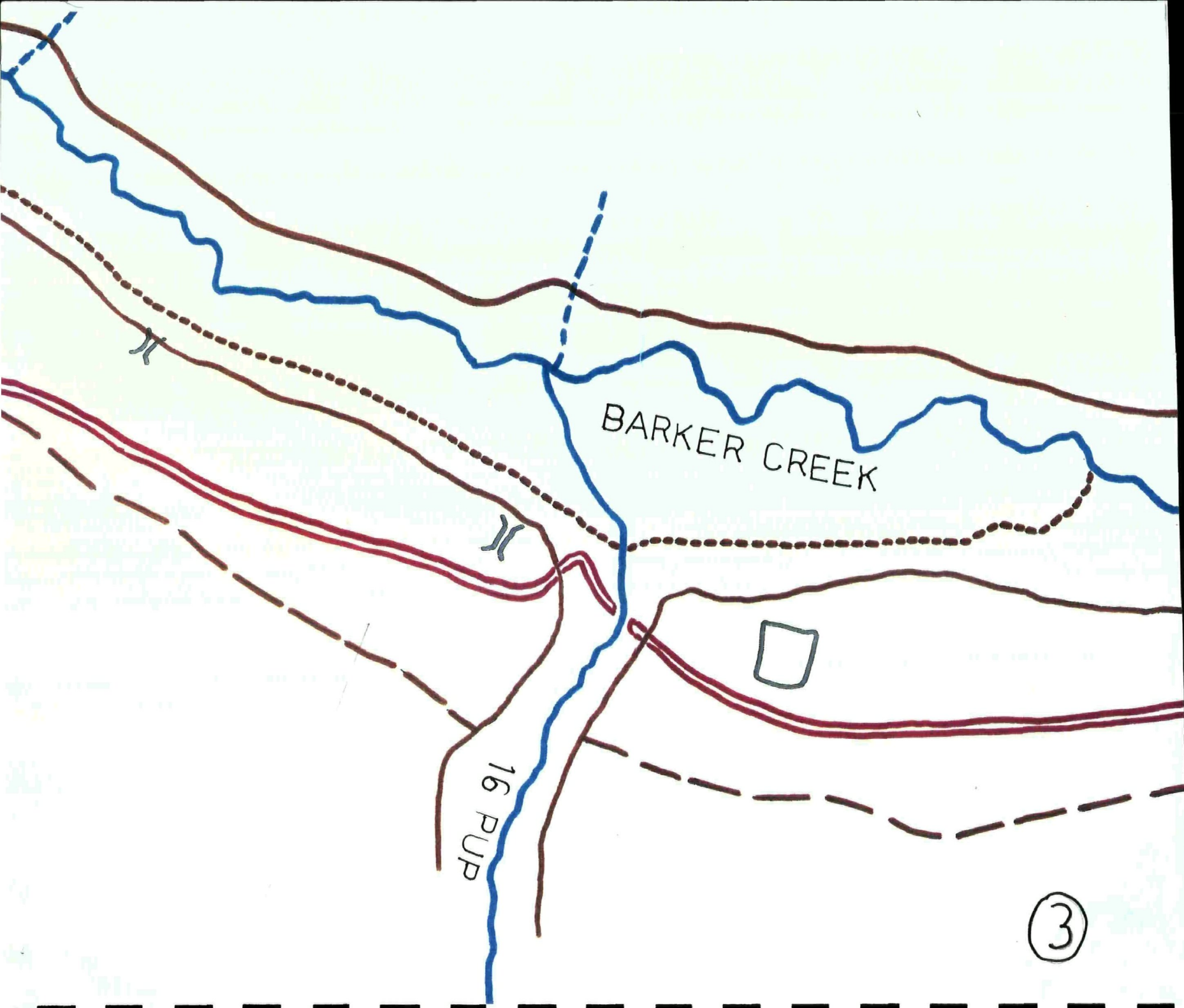
Edge Of Bench =

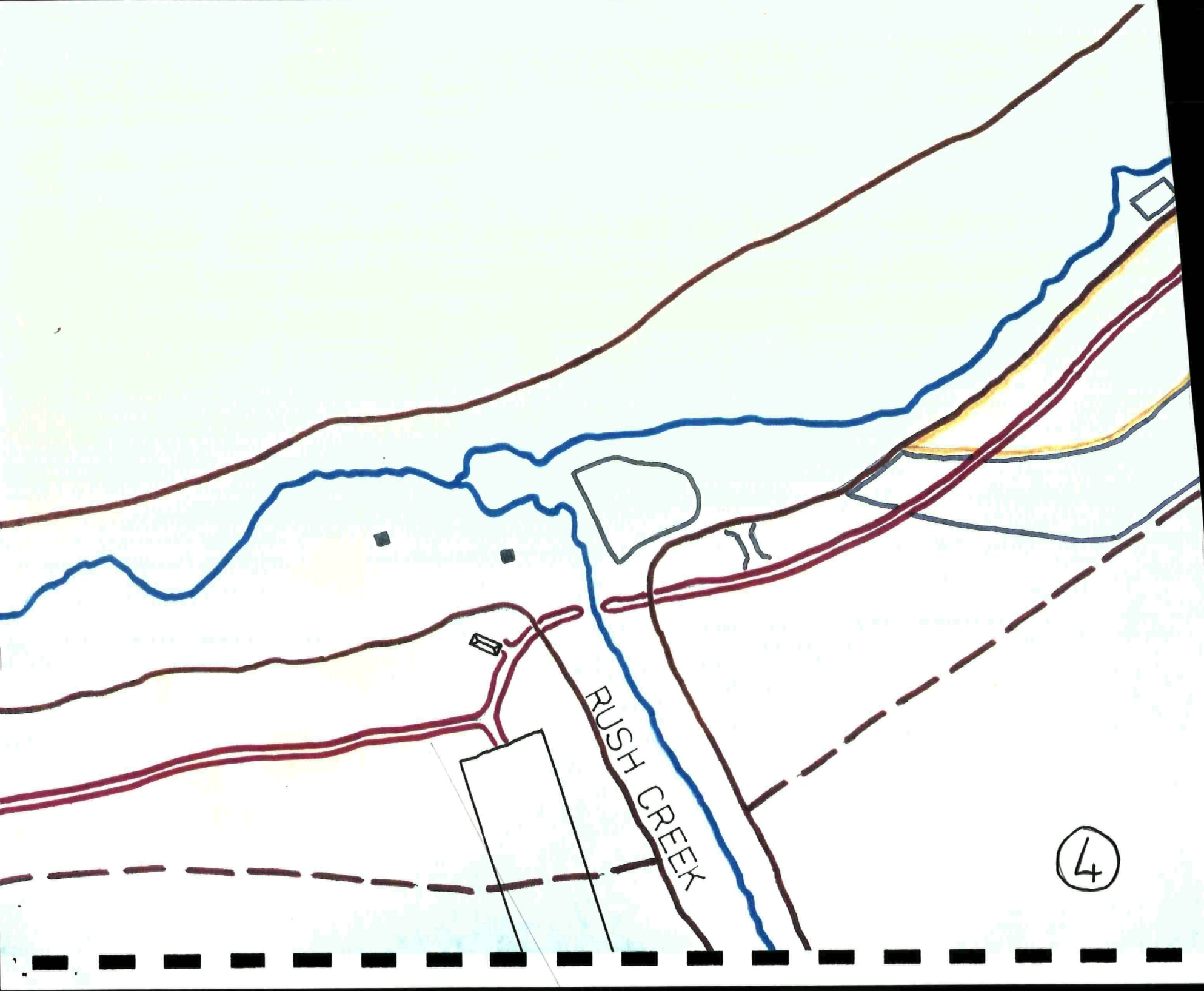
Back Of Bench =

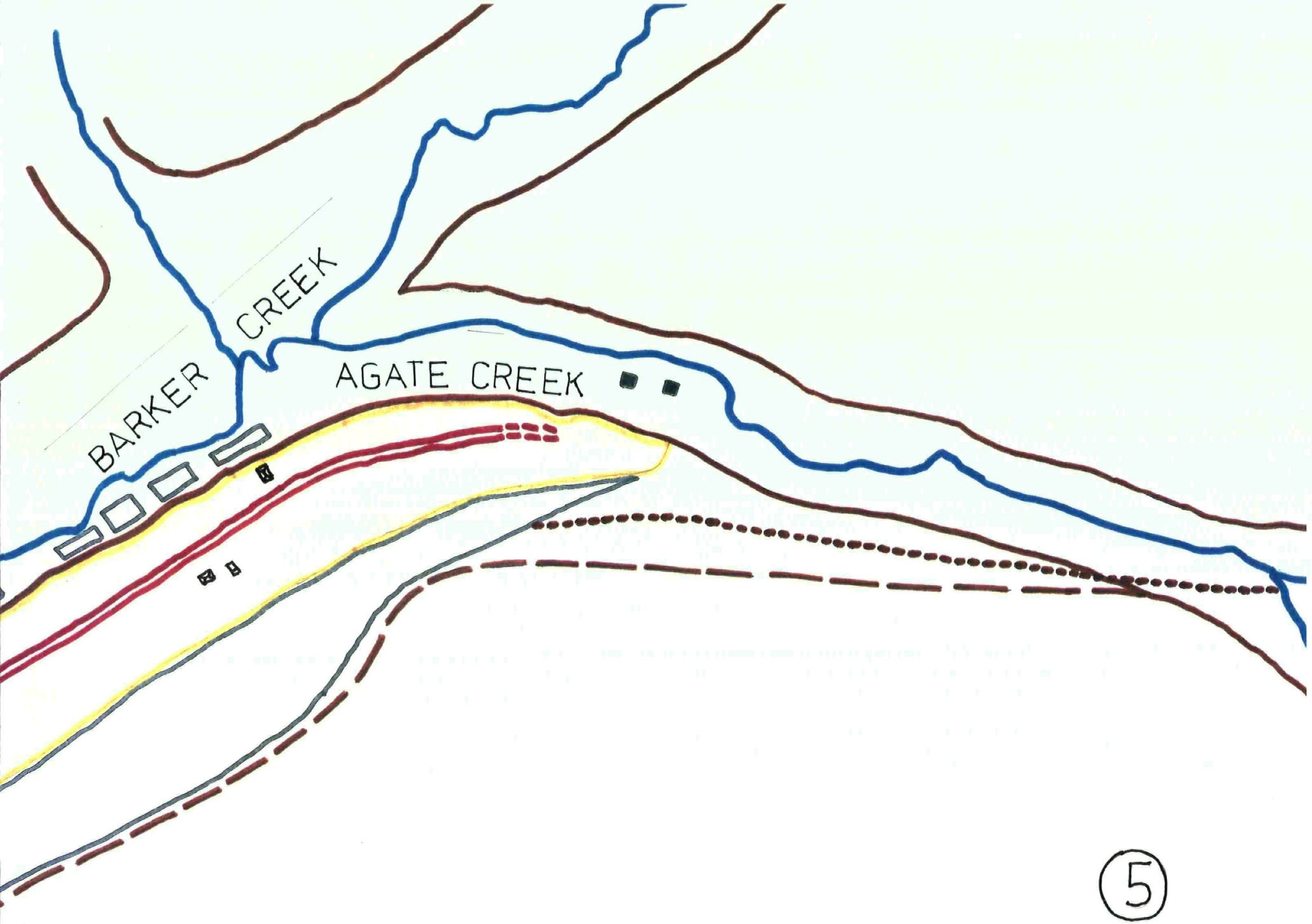
Airstrips =

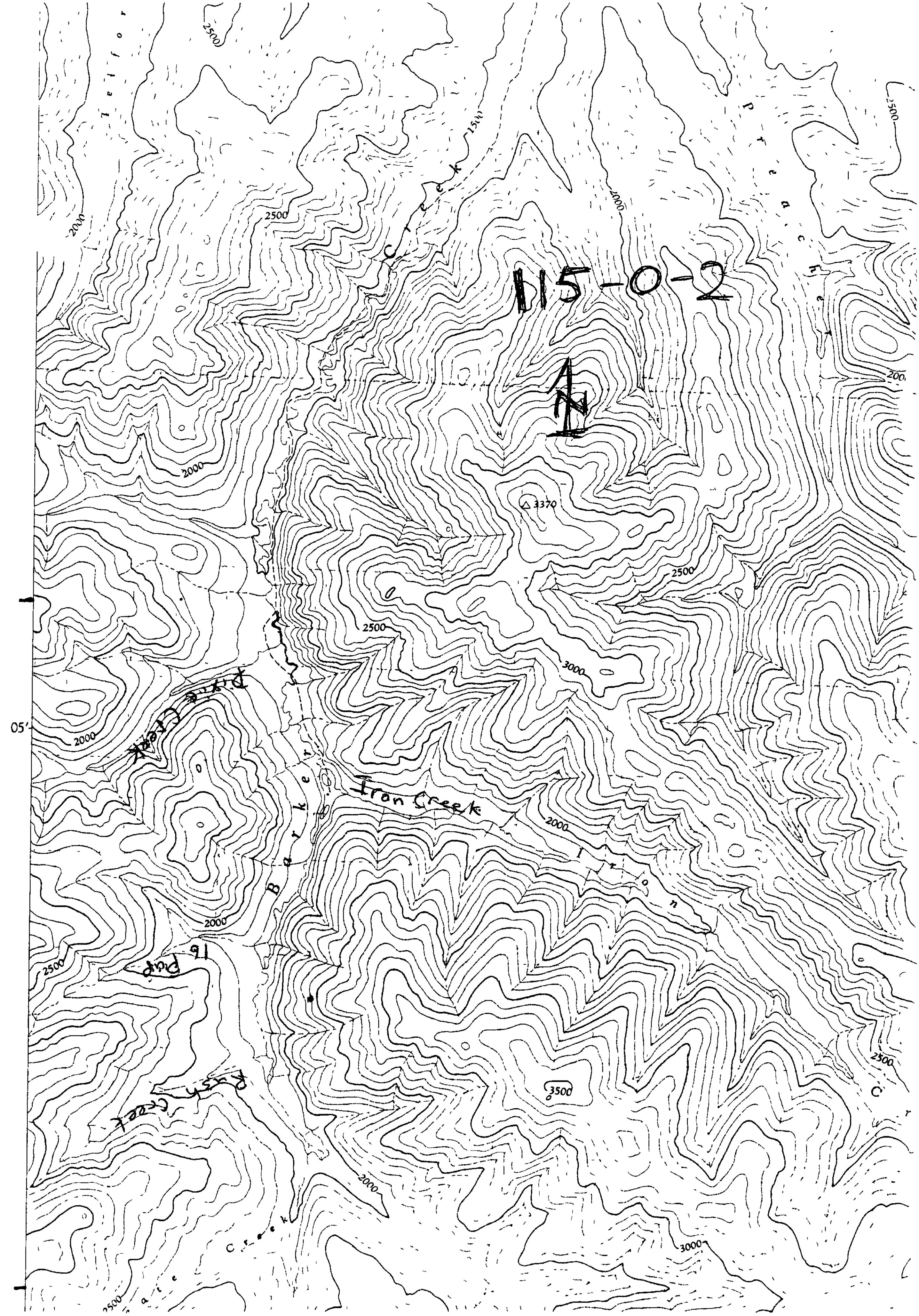

BARKER CREEK
DIXIE CREEK
1


IRON CREEK


BARKER CREEK
16 PUP
3


RUSH CREEK
4


BARKER CREEK
AGATE CREEK
5


115-0-2
N
Creek
Preachet
Telford
2500
2000
1500
△ 3370
3000
Dixie Creek
05'
Barker
Iron Creek
Iron
16 Pup
Rush Creek
3500
Creek
C
3000

Report
On
Selulman Lake
Prospecting Trip

By
Bernie Kreft

For
Y.M.I.P.

13th September 1993

Location - The area prospected is on NTS mapsheet 115-H-12 and was centered around latitude 61 34' and longitude 137 37'. The main showings are on a north-east facing slope at approximately 4000 feet in elevation.

Access - Access to the showings was via the Alaska Highway to the Aishihik Lake Road, up that road to the village at the end whereupon we went by boat to the mouth of Thatchell Creek on Sekulmun Lake and by foot along a cat trail to the showings proper.

History - The area was first staked by Canadian Occidental in 1971 as a potential Mo-Cu porphyry target. Between 1971 and 1982 work consisted mainly of mapping, geochemical and geophysical surveys and was successful in outlining a large Mo in soil anomaly and 10,000 feet of strike length of magnetic anomalies surrounding an alaskite body. Trenching in 1982 encountered mineralized garnet-diopside and calc-silicate skarn zones along with auriferous sheeted quartz veins. Drilling of 6 holes [1985 ft.] was performed in 1984. Forty narrow intersections grading greater than 150 ppb were found, most of these were of quartz veins cutting meta-sediments. Peak values for various metals on the property are: 0.497 oz/ton Au, 0.05% Cu, 0.12% WO3, 0.745% Mo and 0.51% Bi.

Current Work And Results - Four days were spent prospecting the area [Aug.16th to Aug.20th]. The area has been glaciated and has approximately 1% outcrop, therefore most of the samples taken were from previously dug trenches.

Sample Descriptions

Hat-1 0.6m chip sample across quartzite cut by a weakly developed stockwork and mineralized with disseminated pyrite, sample is from trench 82-T-3.

Hat-2 0.25m chip sample across a milky white quartz vein mineralized with trace pyrite and possibly scheelite sample is adjacent to Hat-1 in trench 82-T-3.

Hat-3 0.3m chip sample across same material as Hat-1 adjacent to Hat-2 in trench 82-T-3.

Hat-4 0.5m chip sample across a sericitic and chloritic quartz monzonite dyke which contains a 1cm. wide quart vein, sample is adjacent to Hat-3.

Hat-5 0.6m chip sample across a meta-sediment cut by a few small quartz veins and mineralized with disseminated pyrite, sample is adjacent to Hat-4.

Hat-6 0.2m chip sample across a sericitic and chloritic quartz porphyry dyke, adjacent to Hat-5.

Hat-7 0.6m chip sample across a quartz vein mineralized with trace pyrite, scheelite and possibly molybdenite, adjacent to Hat-6.

Hat-8 0.45m sample across a gouge zone with abundant iron-oxides coating the fragments, adjacent to Hat-7.

Hat-9 0.3m chip sample across sericitic and chloritic intrusive, adjacent to Hat-8.

Hat-10 0.5m chip sample across a locally derived float boulder of sericite and chlorite altered intrusive containing two Q.V.'s [1cm. and 2.5cm. wide] the quartz veins are mineralized with occasional coarse blebs of pyrite, which is also disseminated in the intrusive, sample is located in trench 82-T-3 7m north of Hat #'s 1 to 9.

Hat-11 0.2m wide chip sample across a quartz vein well mineralized with pyrite, arsenopyrite, and trace galena. At least two separate and similar quartz veins occur and are within 5m of each other, sample located 7m north of Hat #'s 1 to 9.

Hat-12 Composite sample of 4 rusty quartz veins 2 to 4 cm. wide mineralized with pyrite and possibly scheelite, in trench 82-T-1 approximately 100m west of trench 82-T-3.

Hat-13 2.4m chip sample across slightly silarnified, highly fractured and heavily iron-stained country rock to Hat-12 quartz veins.

Hat-14 2.5m chip sample across sericite and chlorite altered intrusive cut by 3 large [7cm to 15cm wide] and 2 small [1cm and 2mm] quartz veins. Veins contain trace disseminated pyrite. Sample is located in trench 82-T-3, 7m south of Hat #'s 1 to 9.

Hat-15 0.7m chip sample of highly fractured rock with abundant iron oxide and mineralized with abundant pyrite, pyrrhotite and trace arsenopyrite, sample is located 45m south of trench 82-T-3 in a small hand trench.

Hat-16 grab sample of angular float consisting of garnet diopside skarn mineralized with trace pyrrhotite, sample located 125m south of trench 82-T-3.

Hat-17 representative sample of micaceous quartzite cut by a well developed quartz stockwork, trace disseminated molybdenite and pyrite occurs in the quartz veins, [this material is abundant]. Sample is located 75m S.W. of trench 82-T-1.

Hat-18 similar to Hat-17 with only difference being that quartzite appears slightly bleached. Sample located 160m north of trench 82-T-3.

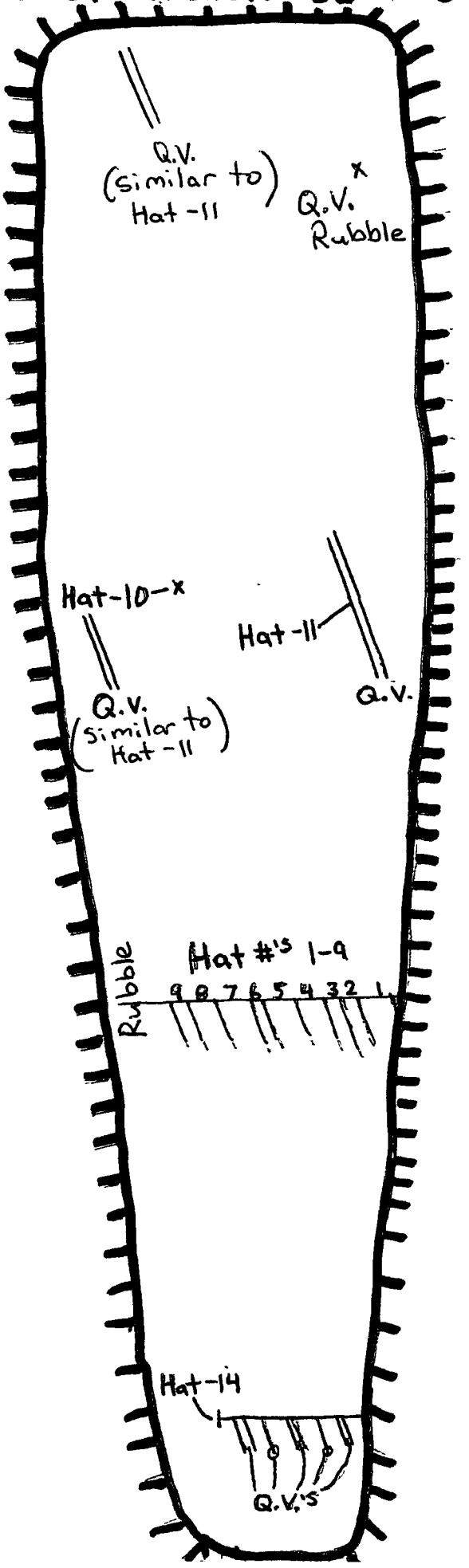
Conclusions And Recommendations - Past exploration encountered numerous gold bearing intersections in drill core and on surface. Recent prospecting re-located the gold/quartz veins on surface and located another area of similar quartz veining [Hat-12]. Large un-tested geochemical and geophysical anomalies occur in drift covered areas and gold mineralization is probably associated with them also. Further work is definately warranted and should consist of trenching or drilling of the untested anomalies.

Costs

Food	4 days x 2 people x $52/day	$416.00
Truck	500 km. x $0.38/km.	$190.00
Boat	14ft. + 15hp. = $65/day x 4 days	$260.00
Helper	4 days x $100/day	$400.00
	Tot.	$1266.00

Detail Of Trench 82-T-3

1 cm = 1 metre



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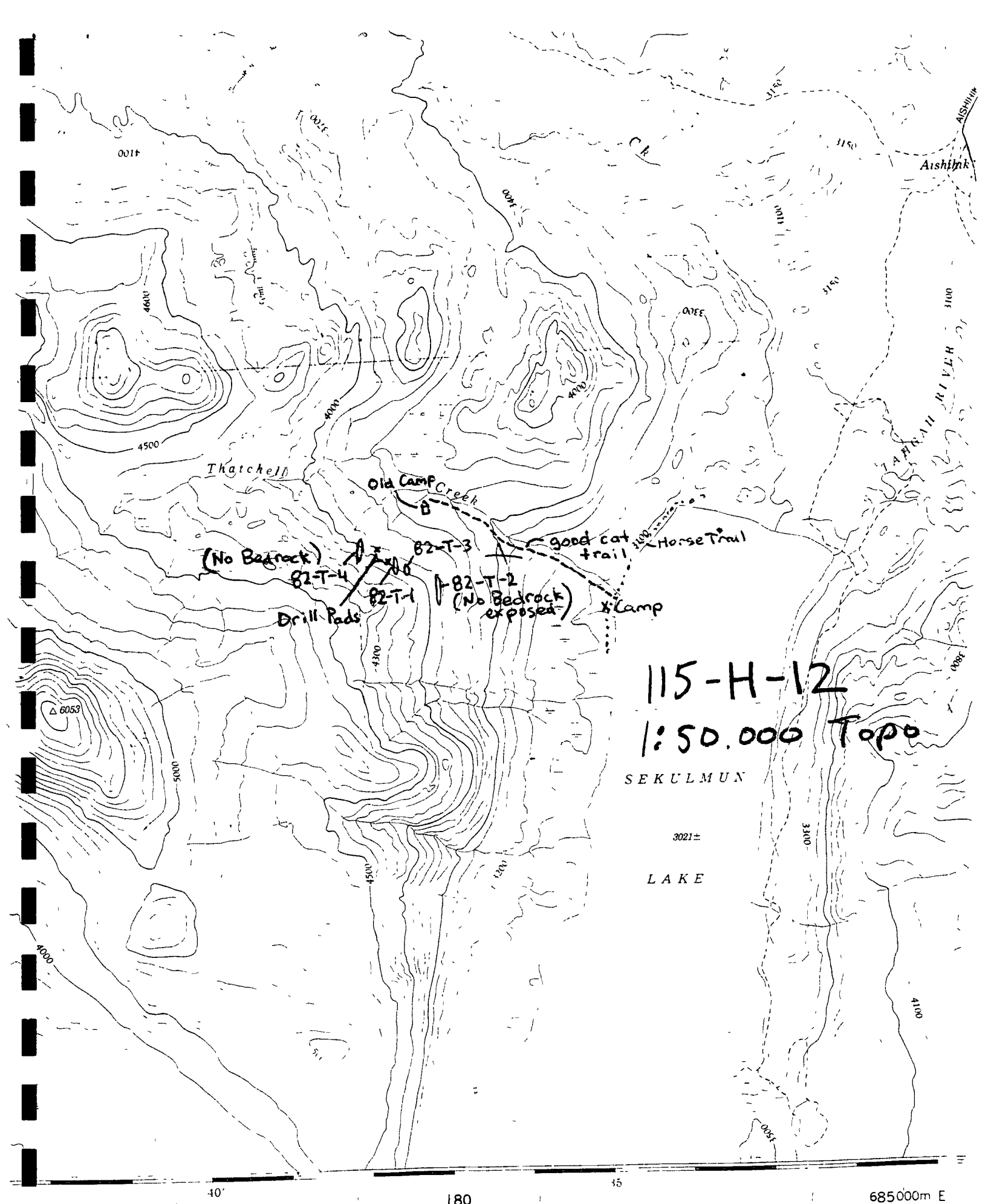

Aishihik
TAHLTAN RIVER
Thatchell
Old Camp Creek
B
(No Bedrock)
82-T-4
82-T-3
82-T-1
82-T-2
(No Bedrock exposed)
Drill Pads
good cat trail
Horse Trail
X Camp
115-H-12
1:50.000 Topo
SEKULMUN
3021±
LAKE
△6053
40'
80
35
685000m E

AUG 21/93

I Drew Macdonald received 400.00 for 4 days of prospecting help in the Cisthtile lake area. August 16th to August 20th., 1993

Drew Macdonald.

I, Kelly Suits have been paid $400.00 for 4 days of prospecting help in the Dawson area.

Kelly Suits

Report
on
Poop Creek
Prospecting Trip

By
Bernie Kreft

For
Y.M.I.P.

29th July 1993

Location - The area prospected is on NTS mapsheet 105-M-15 approximately 1 km. south of Poop Creek and 2.5 kilometres N.W. of Poop Lakes.

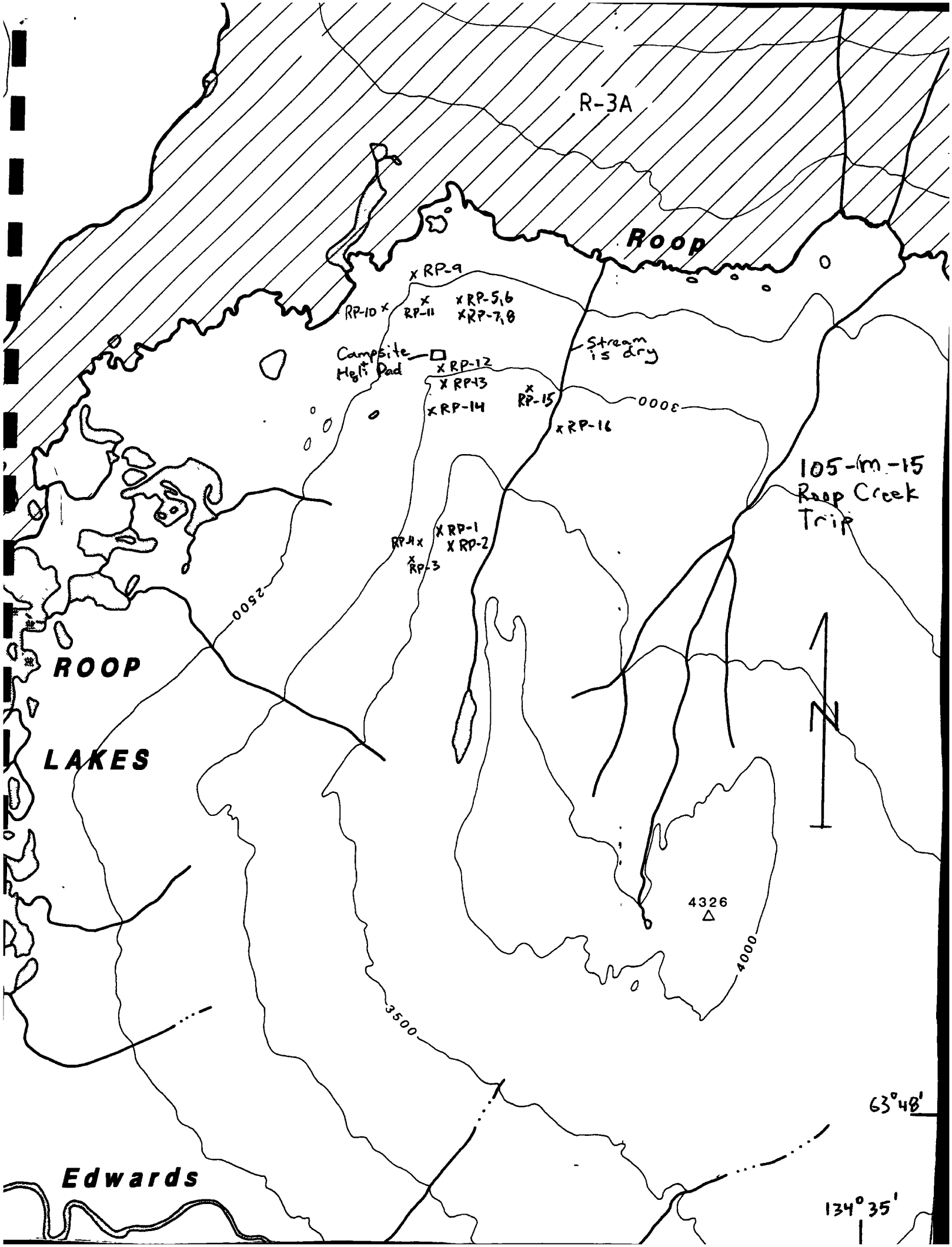
Access - Access to the target area was by helicopter from Mayo (approx. 1.7 hours).

History - Discovered by the GSC in 1943. There is no record of any other exploration in the immediate area although there was an old helicopter pad cleared on the hillside.

Current Work and Results - Four days were spent exploring the granite country rock contact. This prospecting uncovered numerous quartz, tourmaline, sericite, pyrite veins and some small discontinuous skarn zones. Assay results were negative, with the highest gold value being 46 ppb.

Conclusions and Recomendations - No further work for the area prospected is warranted.

Costs			
	Food	2 people for 4 days x $52.00/day	= $416.00
	Truck	800 kilometres x $0.38/km.	= $304.00
	Heli	1.7 hours	= $1426.74
	Helper	4 days x $100.00/day	= $400.00
			$2546.74


R-3A
ROOP
RP-9
RP-10
RP-11
RP-5,6
RP-7,8
Campsite
Heli Pad
RP-12
RP-13
RP-14
RP-15
RP-16
Stream is dry
3000
105-m-15
Roop Creek
Trip
RP-4
RP-1
RP-2
RP-3
2500
ROOP
LAKES
4326
4000
3500
63°48'
Edwards
134°35'

Northern Analytical Laboratories ltd.

27-Jul-93date | Assay Certificate | Page1

Ivanhoe Goldfields
(Bernie Kreft)

WO 13982

Sample	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm
RP-1	7	0 9	60	16	7	139	9
RP-2	6	0 8	126	14	16	85	<2
RP-3	5	0.6	11	1	16	17	<2
RP-4	46	0 8	123	2	38	13	<2
RP-5	<5	0 8	26	4	5	<10	2
RP-6	<5	0.7	15	19	4	<10	<2
RP-7	<5	0.7	19	8	3	<10	<2
RP-8	22	0 9	32	12	11	<10	<2
RP-9	<5	0 7	3	2	43	<10	<2
RP-10	<5	0 7	4	12	15	<10	<2
RP-11	<5	0.6	47	8	87	30	<2
RP-12	<5	0 7	4	18	14	10	<2
RP-13	<5	0.7	6	6	5	<10	<2
RP-14	<5	0 8	13	3	11	12	<2
RP-15	11	0 8	2	26	3	<10	<2
RP-16	11	0 9	17	8	3	<10	<2

Certified by

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

I Pat Titus received $400 for four days of work in the Roop Creek area from July 14th to the July 17th.

Pat Titus

~~Pat Titus~~

~~668-2433~~

668-3648

REMIT PAYMENT TO

TRANS NORTH AIR

TRANS NORTH TURBO AIR LTD

AIRPORT HANGAR C • WHITEHORSE • YUKON JE4

TELEPHONE (403) 668-2177 FAX (403) 668-3420

ACCOUNT NUMBER

INVOICE NUMBER 01797

INVOICE DATE

AREA: BC, YUKON, NWT, ALTA

CHARTERER: BERNIE KREFT

BILLING ADDRESS: 1900 Rondel, Whitehorse

A/C TYPE: 206B

AIRCRAFT REGISTRATION C: MST

FLIGHT DATE: DAY 15 MONTH 07 YEAR 93

PURCHASE ORDER NO

FUEL & OIL-X TNTA	FUEL & OIL-X CUST	TNTA FUEL USED	HRS./LITRES	FROM
X		0.9+0.8		MA

FROM: MAYO

TO: ROOP LKS AREA

RELIEF RT MAYO

July 14 → 0.9

July 15 → 0.8

Fuel Pickup

HOURS

REMARKS - NO OF PASS - FREIGHT Kg

2 PAX + GEAR

PAID BY CASH

SUB	GL	AMOUNT
0000	323	

1.7	@	700	1190	00
	@			
HOLDING TIME	@	/ HR		
FUEL 193.8	@	74¢ / LITRE	143	41
FUEL	@	/ LITRE		
MEALS & LODGINGS				
OTHER				
OTHER				
SUB TOTAL			1333	41
GOODS & SERVICES TAX REGISTRATION NO R121483135			93	33
TOTAL			$1426	74

TERMS PAYABLE UPON RECEIPT OF INVOICE

2% INTEREST PER MONTH (24% PER ANNUM) WILL BE CHARGED ON ALL OUTSTANDING AMOUNTS OVER 30 DAYS IF INTEREST IS NOT PAID FUTURE FLIGHTS WILL BE ON A CASH BASIS.

X Bernie Kreft

CHARTERER'S SIGNATURE

CHARTERER'S NAME (PRINTED)

INITIALS

PILOTS SIGNATURE

ENGINEER'S NAME

CARRIAGE SUBJECT TO TERMS OF PUBLISHED TARIFF
TARIFF AVAILABLE TO PUBLIC VIEW AT TRANS NORTH OFFICE

FLIGHT REPORT — CUSTOMER'S COPY

Report
On
Railroad/Pluto
Prospecting Trip

By
Bernie Ireft

For
Y.M.I.P

29th July 1993

- Receipt to show wages paid will be forth coming the guy el went with is now out of town.
- assay results in approx 2 weeks

Location - Both occurrences are located on NTS 116-C-8, the railroad at latitude 64 24' and longitude 140 09' and Pluto at latitude 64 20' and longitude 140 21'.

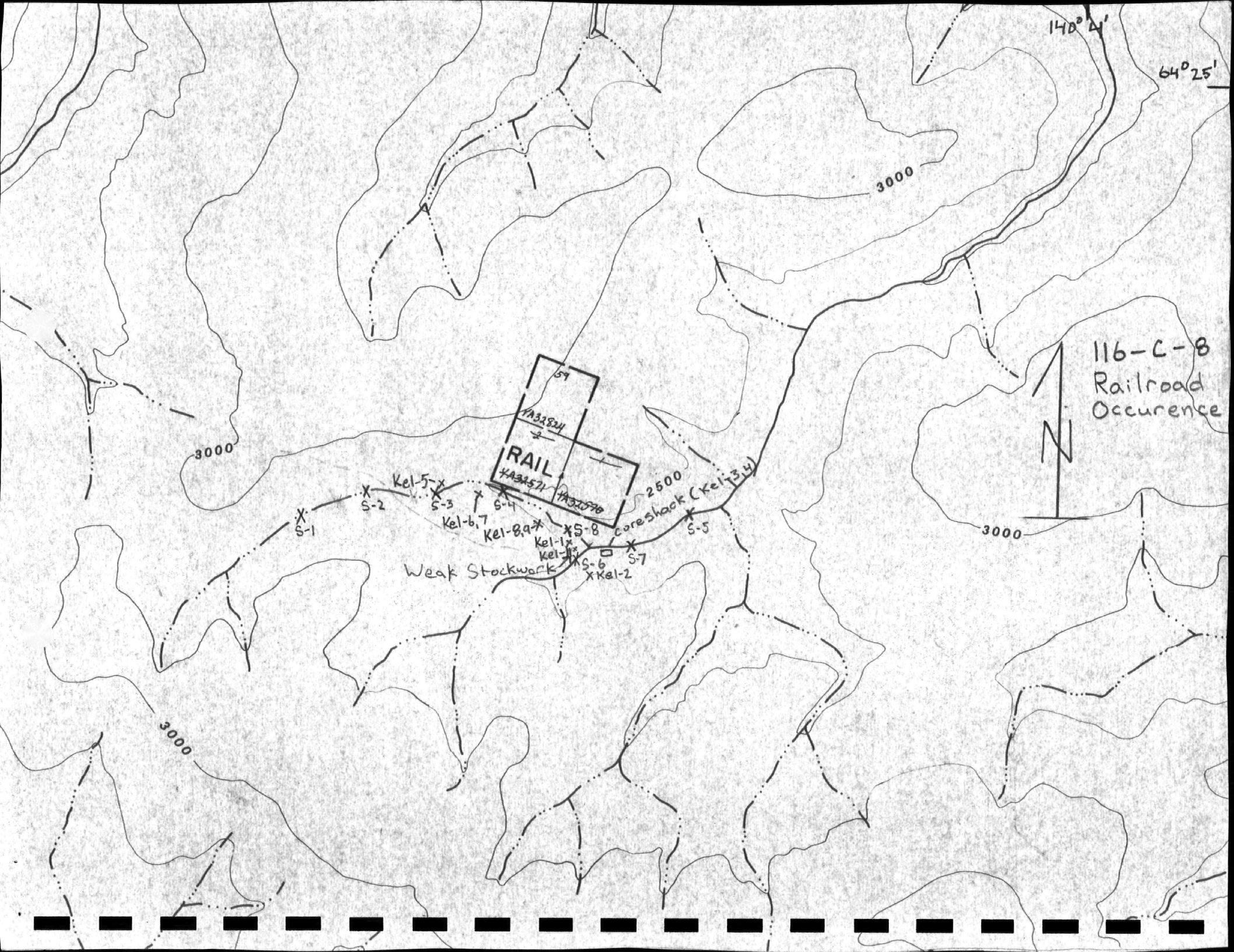
Access - Access to both Railroad and Pluto was by helicopter. A good bulldozer trail comes within a few kilometres of the Pluto and a bulldozer has been at the Railroad occurrence.

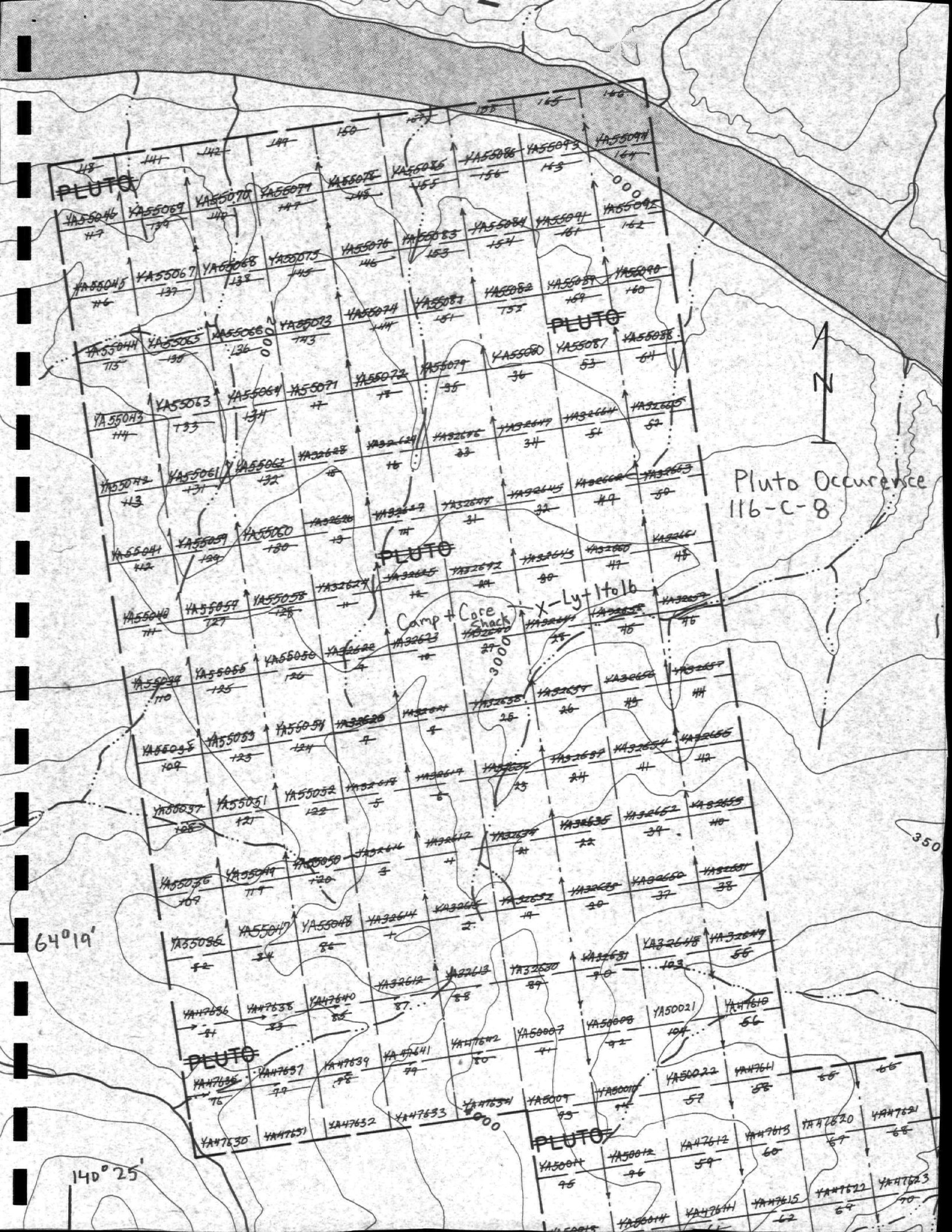
History - The Railroad occurrence was staked by Noranda in 1979. Exploration included drilling and trenching. Most of the work was directed towards the tungsten skarn potential, but it was noted that gold values occur in stockwork zones at the edge of the intrusive stock. The Pluto occurrence was staked in 1979 and by 1982 a low-grade porphyry Mo-W deposit was outlined.

Current Work and Results - Four days were spent prospecting the granite/country rock contact at the Railroad in search of stockwork zones. Some time was spent going over core stored on the property. One area of weakly developed stockwork was found on surface and two zones with chlorite", pyrite, quartz veins and clay alteration were noted in granitic core. It was decided to stake the ground and two claims were located. On the trip out from the Railroad it was decided to drop in at the Pluto occurrence to do some advance scouting. While there core was viewed, some prospecting was done and it was decided to stake some claims [4].

Conclusions and Recommendations - If any of the samples taken are found to be anomalous in gold further work is definitely warranted.

Costs			
	Food	2 people for 4 days x $52.00/day	$416.00
	Truck	1000 kilometres x $0.38/km.	$380.00
	Heli	1.6 hours	$1254.04
	Helper	4 days x $100.00/day	$400.00
			$2450.04


140° 4'
64° 25'
3000
3000
3000
3000
2500
59
RAIL
YA32824
YA32571
YA32570
S-1
S-2
S-3
S-4
S-5
S-6
S-7
S-8
Kel-5
Kel-6,7
Kel-8,9
Kel-1
Kel-2
Kel-3,4
coreshack
Weak Stockwork
116-C-8
Railroad
Occurence
N


PLUTO
PLUTO
PLUTO
PLUTO
PLUTO
N
Pluto Occurence
116-C-8
Camp + Core Shack
X-Ly+1to1b
3000
000
64°19'
140°25'

FIREWEED HELICOPTERS

FLIGHT TICKET / INVOICE

403-668-5888 • 403-993-5700
Whitehorse Dawson City

Box 5450, Whitehorse, Yukon Y1A 5H4

CHARTERER: Bernie Kreft
ADDRESS: 9 Roundel Rd. #107
Whse. Y.T. PH 668-7965

DATE: 25 July 93
A/C: C-FNIQ
TYPE: 206 B
BASE: Dawson

CHEQUE | CASH | CHARGE
P.O.

REMARKS	PASS	CARGO	TIME
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			.
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			1 6

RATE PER HOUR $ 650.- FLYING TOTAL 1040 =

FUEL SUPPLIED BY: CUSTOMER ☐ FIREWEED ☑

176 LTRS FROM DA	AT .75	PER LTR	= 132.-
____ LTRS FROM ____	AT ____	PER LTR	= ____

SUBTOTAL 1172.-

GST.Reg #128659828 GST 82.04

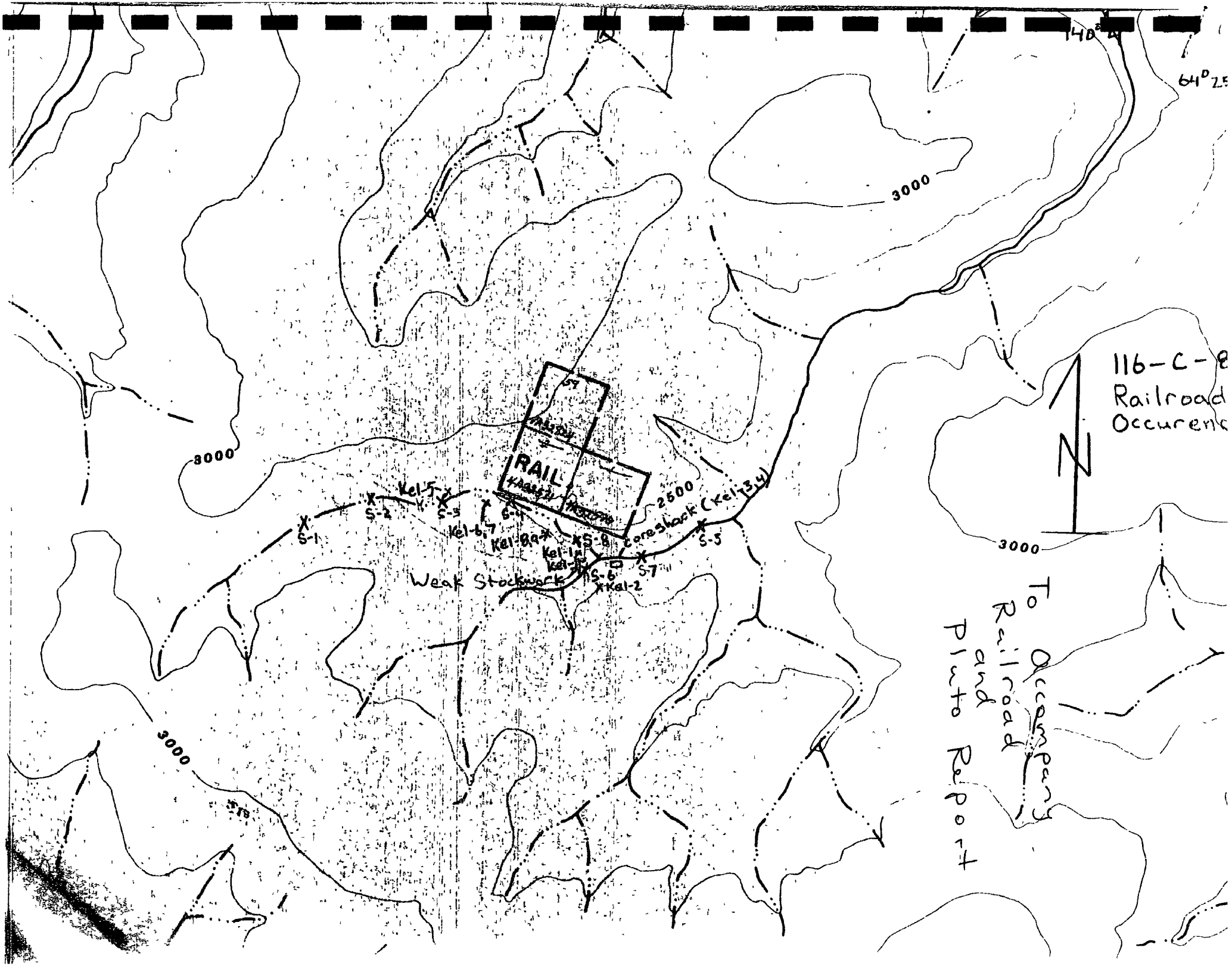
TOTAL 1254.04

AUTHORIZED BY PRINT ____ SIGNATURE ____

PILOT'S NAME BRUNO MERL

SIGNATURE

FLIGHT TICKET No 000393


140°
64°2.5
3000
3000
3000
3000
RAIL
2500
Kel-5
S-2
S-3
S-1
Kel-6,7
Kal-8a
Kal-1a
Kal-2
S-6
S-7
S-5
Coreshack (Kel-3,4)
Weak Stockwork
116-C-8
Railroad
Occurence
To accompany
Railroad
and
Pinto Report

№ 539861 H

Chemex Labs Ltd.
212 Brooksbank Avenue
North Vancouver, B.C. V7J 2C1
Ph. (604) 984-0221 Telex 04-352597

DATE: July 29/93
CORE SIZE: NQ PLUTO
DRILLHOLE: 82-3
FOOTAGE: 326 - 343
REMARKS: LY-2
ASSAY: Ag, (Au), Cu, Mo, Pb, Zn, Sn, Hg, WO_3, U_3O_8, As, Sb, Bi, Te.
OTHER: ICP
ROCK GEOCHEM. ☒

№ 539860 H

Chemex Labs Ltd.
212 Brooksbank Avenue
North Vancouver, B.C. V7J 2C1
Ph. (604) 984-0221 Telex 04-352597

DATE: July 29/93
CORE SIZE: NQ PLUTO
DRILLHOLE: 82-3
FOOTAGE: 585 - 604
REMARKS: LY-1
ASSAY: Ag, (Au), Cu, Mo, Pb, Zn, Sn, Hg, WO_3, U_3O_8, As, Sb, Bi, Te.
OTHER: ICP
ROCK GEOCHEM. ☒

№ 539863 H

Chemex Labs Ltd.
212 Brooksbank Avenue
North Vancouver, B.C. V7J 2C1
Ph. (604) 984-0221 Telex 04-352597

DATE: July 29/93
CORE SIZE: NQ
DRILLHOLE: 82-2
FOOTAGE: 561 - 582
REMARKS: LY-4
ASSAY: Ag, (Au), Cu, Mo, Pb, Zn, Sn, Hg, WO_3, U_3O_8, As, Sb, Bi, Te.
OTHER: 32 element ICP
ROCK GEOCHEM. ☒

№ 539862 H

Chemex Labs Ltd.
212 Brooksbank Avenue
North Vancouver, B.C. V7J 2C1
Ph. (604) 984-0221 Telex 04-352597

DATE: July 29/93
CORE SIZE: NQ PLUTO
DRILLHOLE: 82-3
FOOTAGE: 943 - 961
REMARKS: LY-3
ASSAY: Ag, (Au), Cu, Mo, Pb, Zn, Sn, Hg, WO_3, U_3O_8, As, Sb, Bi, Te.
OTHER: 32 element ICP
ROCK GEOCHEM. ☒

№ 539865 H

Chemex Labs Ltd.
212 Brooksbank Avenue
North Vancouver, B C. V7J 2C1
Ph. (604) 984-0221 Telex 04-352597

DATE: July 29/93
CORE SIZE: NQ PLUTO
DRILLHOLE: 82-2
FOOTAGE: 487 - 506
REMARKS: LY-6
ASSAY: Ag, (Au), Cu, Mo, Pb, Zn, Sn, Hg, WO_3, U_3O_8, As, Sb, Bi, Te.
OTHER: 32 element ICP
ROCK GEOCHEM. ☒

№ 539864 H

Chemex Labs Ltd.
212 Brooksbank Avenue
North Vancouver, B.C. V7J 2C1
Ph. (604) 984-0221 Telex 04-352597

DATE: July 29/93
CORE SIZE: NQ PLUTO
DRILLHOLE: 82-2
FOOTAGE: 714 - 734
REMARKS: LY-5
ASSAY: Ag, (Au), Cu, Mo, Pb, Zn, Sn, Hg, WO_3, U_3O_8, As, Sb, Bi, Te.
OTHER: 32 element ICP
ROCK GEOCHEM. ☒

№ 539867 H

Chemex Labs Ltd.
212 Brooksbank Avenue
North Vancouver, B.C. V7J 2C1
Ph. (604) 984-0221 Telex 04-352597

- DATE: July 29/93
- CORE SIZE: NQ PLUTO
- DRILLHOLE: 81-4
- FOOTAGE: 383-401
- REMARKS: LY-8
- ASSAY: Ag, (Au) Cu, Mo, Pb, Zn, Sn, Hg, WO_3, U_3O_8, As, Sb, Bi, Te.
- OTHER: 32 element ICP
- ROCK GEOCHEM. ☒

№ 539866 H

Chemex Labs Ltd.
212 Brooksbank Avenue
North Vancouver, B.C. V7J 2C1
Ph. (604) 984-0221 Telex 04-352597

- DATE: July 29/93
- CORE SIZE: NQ PLUTO
- DRILLHOLE: 81-6
- FOOTAGE: 7-21
- REMARKS: LY-7
- ASSAY: Ag, (Au) Cu, Mo, Pb, Zn, Sn, Hg, WO_3, U_3O_8, As, Sb, Bi, Te.
- OTHER: 32 element ICP
- ROCK GEOCHEM. ☒

№ 539869 H

Chemex Labs Ltd.
212 Brooksbank Avenue
North Vancouver, B.C. V7J 2C1
Ph. (604) 984-0221 Telex 04-352597

- DATE: July 29/93
- CORE SIZE: NQ PLUTO
- DRILLHOLE: 81-9
- FOOTAGE: 221-240
- REMARKS: LY-10
- ASSAY: Ag, (Au) Cu, Mo, Pb, Zn, Sn, Hg, WO_3, U_3O_8, As, Sb, Bi, Te.
- OTHER: 32 element ICP
- ROCK GEOCHEM. ☒

№ 539868 H

Chemex Labs Ltd.
212 Brooksbank Avenue
North Vancouver, B C. V7J 2C1
Ph. (604) 984-0221 Telex 04-352597

- DATE: July 29/93
- CORE SIZE: NQ PLUTO
- DRILLHOLE: 81-4
- FOOTAGE: 237-255
- REMARKS: LY-9
- ASSAY: Ag, (Au) Cu, Mo, Pb, Zn, Sn, Hg, WO_3, U_3O_8, As, Sb, Bi, Te.
- OTHER: 32 element ICP
- ROCK GEOCHEM. ☒

№ 539871 H

Chemex Labs Ltd.
212 Brooksbank Avenue
North Vancouver, B.C. V7J 2C1
Ph. (604) 984-0221 Telex 04-352597

- DATE: July 29/93
- CORE SIZE: — Railroad
- DRILLHOLE: —
- FOOTAGE: limonite boxwork
- REMARKS: KEL 1
- ASSAY: Ag, (Au) Cu, Mo, Pb, Zn, Sn, Hg, WO_3, U_3O_8, As, Sb, Bi, Te.
- OTHER: 32 element ICP
- ROCK GEOCHEM. ☒

№ 539870 H

Chemex Labs Ltd.
212 Brooksbank Avenue
North Vancouver, B.C. V7J 2C1
Ph. (604) 984-0221 Telex 04-352597

- DATE: July 29/93
- CORE SIZE: NQ PLUTO
- DRILLHOLE: 81-8
- FOOTAGE: 132-140
- REMARKS: LY-11
- ASSAY: Ag, (Au) Cu, Mo, Pb, Zn, Sn, Hg, WO_3, U_3O_8, As, Sb, Bi, Te.
- OTHER: 32 element ICP
- ROCK GEOCHEM. ☒

Nº 539873 H

Chemex Labs Ltd.
212 Brooksbank Avenue
North Vancouver, B.C. V7J 2C1
Ph. (604) 984-0221 Telex 04-352597

DATE: July 29/93
CORE SIZE: BQ Railroad
DRILLHOLE: T Box B&9
FOOTAGE: 181-203 intrusive
REMARKS: KEL 3
ASSAY: Ag, (Au), Cu, Mo, Pb, Zn, Sn, Hg, WO_3, U_3O_8, As, Sb, Bi, Te.
OTHER: 32 element ICP
ROCK GEOCHEM. ☒

Nº 539872 H

Chemex Labs Ltd.
212 Brooksbank Avenue
North Vancouver, B.C. V7J 2C1
Ph. (604) 984-0221 Telex 04-352597

DATE: July 29/93
CORE SIZE: — Railroad
DRILLHOLE: —
FOOTAGE: — Calcite veined
REMARKS: hornfels KEL 2
ASSAY: Ag, (Au), Cu, Mo, Pb, Zn, Sn, Hg, WO_3, U_3O_8, As, Sb, Bi, Te.
OTHER: 32 element ICP
ROCK GEOCHEM. ☐

Nº 539875 H

Chemex Labs Ltd.
212 Brooksbank Avenue
North Vancouver, B C V7J 2C1
Ph. (604) 984-0221 Telex 04-352597

DATE: July 29/93
CORE SIZE: — Railroad
DRILLHOLE: — hornfels with
FOOTAGE: — Calcite & quartz
REMARKS: — veins KEL 5
ASSAY: Ag, (Au), Cu, Mo, Pb, Zn, Sn, Hg, WO_3, U_3O_8, As, Sb, Bi, Te.
OTHER: 32 element ICP
ROCK GEOCHEM. ☒

Nº 539874 H

Chemex Labs Ltd.
212 Brooksbank Avenue
North Vancouver, B.C. V7J 2C1
Ph. (604) 984-0221 Telex 04-352597

DATE: July 29/93
CORE SIZE: BQ Railroad
DRILLHOLE: 8
FOOTAGE: 167-211 intrusive with qtz veins
REMARKS: KEL 4
ASSAY: Ag, (Au), Cu, Mo, Pb, Zn, Sn, Hg, WO_3, U_3O_8, As, Sb, Bi, Te.
OTHER: 32 element ICP
ROCK GEOCHEM. ☒

Nº 539877 H

Chemex Labs Ltd.
212 Brooksbank Avenue
North Vancouver, B.C. V7J 2C1
Ph. (604) 984-0221 Telex 04-352597

DATE: July 29/93
CORE SIZE: — Railroad
DRILLHOLE: — smoky qtz/Kspar
FOOTAGE: — pegmatite?
REMARKS: KEL 7
ASSAY: Ag, (Au), Cu, Mo, Pb, Zn, Sn, Hg, WO_3, U_3O_8, As, Sb, Bi, Te.
OTHER: 32 element ICP
ROCK GEOCHEM. ☒

Nº 539876 H

Chemex Labs Ltd.
212 Brooksbank Avenue
North Vancouver, B.C. V7J 2C1
Ph. (604) 984-0221 Telex 04-352597

DATE: July 29/93
CORE SIZE: Railroad
DRILLHOLE: Qtz/calcite vein
FOOTAGE: float
REMARKS: KEL 6
ASSAY: Ag, (Au), Cu, Mo, Pb, Zn, Sn, Hg, WO_3, U_3O_8, As, Sb, Bi, Te.
OTHER: 32 element ICP
ROCK GEOCHEM. ☒

№ 539879 H

Chemex Labs Ltd.
212 Brooksbank Avenue
North Vancouver, B.C. V7J 2C1
Ph. (604) 984-0221 Telex 04-352597

- DATE: July 29/93
- CORE SIZE: - Railroad
- DRILLHOLE: - qtz vein
- FOOTAGE: - rusty
- REMARKS: KEL 9
- ASSAY: Ag, (Au), Cu, Mo, Pb, Zn, Sn, Hg, WO_3, U_3O_8, As, Sb, Bi, Te.
- OTHER: 32 elmt ICP
- ROCK GEOCHEM: X

№ 539878 H

Chemex Labs Ltd.
212 Brooksbank Avenue
North Vancouver, B.C. V7J 2C1
Ph. (604) 984-0221 Telex 04-352597

- DATE: July 29/93
- CORE SIZE: - Railroad
- DRILLHOLE: - with qtz vein
- FOOTAGE: -
- REMARKS: KEL 8
- ASSAY: Ag, (Au), Cu, Mo, Pb, Zn, Sn, Hg, WO_3, U_3O_8, As, Sb, Bi, Te.
- OTHER: 32 elmt ICP
- ROCK GEOCHEM: X

№ 539882 H

Chemex Labs Ltd.
212 Brooksbank Avenue
North Vancouver, B.C. V7J 2C1
Ph. (604) 984-0221 Telex 04-352597

- DATE: July 29/93
- CORE SIZE: - Railroad
- DRILLHOLE: Felsic intrusive
- FOOTAGE: float at SG
- REMARKS: -
- ASSAY: Ag, (Au), Cu, Mo, Pb, Zn, Sn, Hg, WO_3, U_3O_8, As, Sb, Bi, Te.
- OTHER: 32 elmt ICP
- ROCK GEOCHEM: X

№ 539880 H

Chemex Labs Ltd.
212 Brooksbank Avenue
North Vancouver, B.C. V7J 2C1
Ph. (604) 984-0221 Telex 04-352597

- DATE: July 29/93
- CORE SIZE: - Railroad
- DRILLHOLE: - intrusive with
- FOOTAGE: - quartz veins to
- REMARKS: 10mm
- ASSAY: Ag, (Au), Cu, Mo, Pb, Zn, Sn, Hg, WO_3, U_3O_8, As, Sb, Bi, Te.
- OTHER: 32 elmt ICP
- ROCK GEOCHEM: X

№ 539881 H

Chemex Labs Ltd.
212 Brooksbank Avenue
North Vancouver, B.C. V7J 2C1
Ph. (604) 984-0221 Telex 04-352597

- DATE: July 29/93
- CORE SIZE: - Railroad
- DRILLHOLE: - skarn from
- FOOTAGE: near comp
- REMARKS: —
- ASSAY: Ag, (Au), Cu, Mo, Pb, Zn, Sn, Hg, WO_3, U_3O_8, As, Sb, Bi, Te.
- OTHER: 32 elmt ICP
- ROCK GEOCHEM: X

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave , North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: ARCHER CATHRO & ASSOC. (1981) LTD.

P.O. BOX 4127
WHITEHORSE, YT
Y1A 3S9

Project NDU PLUTO RAILROAD
Comments:

Certificate Date 09-AUG-93
Invoice No. I-9318329
P.O. Number :
Account :

CERTIFICATE OF ANALYSIS A9318329

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
539860 H	205	274	< 5	3.0	1.41	< 2	50	1.5	88	0.74	4.0	< 1	126	189	1.80	10	< 1	0.60	10	0.06	555
539861 H	205	274	< 5	0.8	2.18	26	120	4.0	144	1.05	< 0.5	10	142	57	2.12	10	< 1	0.87	< 10	0.32	235
539862 H	205	274	< 5	0.2	1.23	6	20	1.5	12	0.29	< 0.5	< 1	197	3	2.18	< 10	< 1	0.60	< 10	0.03	190
539863 H	205	274	< 5	3.0	1.63	6	70	1.5	108	0.78	6.5	1	133	42	0.75	< 10	< 1	0.85	10	0.02	310
539864 H	205	274	< 5	1.6	1.52	< 2	30	1.5	18	0.62	2.0	2	191	8	3.28	10	< 1	0.74	10	0.02	1280
539865 H	205	274	< 5	0.6	1.61	2	40	31.0	40	1.16	< 0.5	6	150	7	3.82	10	< 1	0.69	< 10	0.03	305
539866 H	205	274	< 5	0.2	0.65	14	70	1.0	6	0.14	< 0.5	1	335	19	1.12	10	< 1	0.42	40	0.08	190
539867 H	205	274	< 5	0.4	2.60	2	290	6.5	30	3.06	< 0.5	10	269	24	3.18	10	< 1	1.38	10	2.09	2530
539868 H	205	274	< 5	< 0.2	4.92	< 2	120	6.5	< 2	2.15	< 0.5	20	382	69	4.17	10	< 1	2.27	< 10	3.08	1855
539869 H	205	274	< 5	2.8	1.71	38	80	1.5	278	1.11	< 0.5	2	138	51	2.28	10	< 1	0.72	10	0.05	240
539870 H	205	274	< 5	< 0.2	4.99	4	1310	15.5	< 2	6.80	< 0.5	10	425	12	3.23	20	< 1	3.53	< 10	3.18	2090
539871 H	205	274	2730	< 0.2	0.36	4	230	9.0	1530	0.46	2.0	12	43	318	>15.00	20	< 1	0.03	10	0.08	3330
539872 H	205	274	10	0.2	3.89	6	150	1.5	4	11.70	< 0.5	11	76	60	1.51	< 10	< 1	0.22	30	0.36	530
539873 H	205	274	< 5	< 0.2	0.41	20	20	1.5	24	2.11	< 0.5	2	97	1	1.13	< 10	< 1	0.14	10	0.43	345
539874 H	205	274	5	1.6	0.46	256	40	1.5	6	1.99	1.0	3	142	27	1.42	< 10	< 1	0.23	10	0.17	325
539875 H	205	274	< 5	< 0.2	0.86	2	2570	< 0.5	< 2	5.56	< 0.5	5	113	24	0.98	< 10	< 1	0.04	< 10	3.29	3210
539876 H	205	274	< 5	< 0.2	0.11	< 2	180	< 0.5	< 2	0.63	< 0.5	1	207	3	0.78	< 10	< 1	< 0.01	< 10	0.26	390
539877 H	205	274	< 5	< 0.2	0.28	< 2	50	< 0.5	< 2	0.06	< 0.5	1	141	< 1	0.31	< 10	< 1	0.12	< 10	0.10	55
539878 H	205	274	< 5	< 0.2	0.11	< 2	10	< 0.5	2	0.08	< 0.5	1	285	< 1	0.34	< 10	< 1	< 0.01	< 10	0.01	110
539879 H	205	274	1170	0.2	0.96	4	10	8.0	2140	3.73	< 0.5	6	134	55	3.21	10	< 1	0.01	< 10	0.11	4450
539880 H	205	274	< 5	0.2	0.54	< 2	80	1.5	36	0.23	0.5	< 1	183	5	0.53	< 10	< 1	0.26	10	0.03	120
539881 H	205	274	35	< 0.2	1.45	< 2	20	19.0	24	2.93	< 0.5	16	76	304	7.19	20	< 1	0.08	< 10	0.57	3180
539882 H	205	274	< 5	0.4	0.67	2	110	4.0	40	0.43	< 0.5	4	127	28	0.99	< 10	< 1	0.17	10	0.12	95

CERTIFICATION

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave , North Vancouver
British Columbia, Canada V7J 2C1
PHONE 604-984-0221

To ARCHER CATHRO & ASSOC. (1981) LTD.

P O. BOX 4127
WHITEHORSE, YT
Y1A 3S9

Project : NDU PLUTO RAILROAD
Comments

Page Number 1-B
Total Pages 1
Certificate Date 09-AUG-93
Invoice No. I-9318329
P O. Number :
Account :

CERTIFICATE OF ANALYSIS A9318329

SAMPLE DESCRIPTION	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
539860 H	205	274	2	0.03	3	60	374	2	1	9	< 0.01	< 10	40	3	780	644
539861 H	205	274	15	0.02	27	370	106	< 2	5	9	0.02	< 10	< 10	43	60	70
539862 H	205	274	48	0.03	3	20	68	2	1	6	< 0.01	< 10	10	3	90	18
539863 H	205	274	147	0.01	1	30	606	2	< 1	6	< 0.01	< 10	20	2	320	1180
539864 H	205	274	123	0.02	2	40	442	2	1	3	< 0.01	< 10	20	3	430	350
539865 H	205	274	529	0.01	1	90	72	4	4	20	< 0.01	< 10	< 10	5	440	44
539866 H	205	274	64	0.01	6	100	16	< 2	1	6	0.01	< 10	< 10	7	180	24
539867 H	205	274	2040	0.18	32	550	76	16	21	51	0.30	< 10	< 10	141	240	122
539868 H	205	274	344	0.18	154	610	48	< 2	14	93	0.20	< 10	< 10	113	30	252
539869 H	205	274	2740	0.02	< 1	40	214	26	1	8	< 0.01	< 10	20	14	260	252
539870 H	205	274	45	0.37	115	270	8	2	14	31	0.15	< 10	< 10	144	90	128
539871 H	205	274	96	< 0.01	24	1490	< 2	4	3	27	< 0.01	< 10	10	21	1100	298
539872 H	205	274	3	0.56	30	1060	14	< 2	3	604	0.07	< 10	< 10	21	< 10	36
539873 H	205	274	14	0.03	2	270	48	< 2	1	151	< 0.01	< 10	< 10	6	< 10	26
539874 H	205	274	11	0.02	2	270	112	2	1	65	< 0.01	< 10	< 10	4	< 10	194
539875 H	205	274	1	0.01	9	250	6	< 2	2	198	< 0.01	< 10	< 10	16	< 10	28
539876 H	205	274	1	0.01	5	150	6	< 2	< 1	33	< 0.01	< 10	< 10	5	< 10	6
539877 H	205	274	1	0.04	2	90	6	< 2	1	5	< 0.01	< 10	< 10	5	< 10	4
539878 H	205	274	1	< 0.01	4	< 10	< 2	< 2	< 1	4	< 0.01	< 10	< 10	1	< 10	4
539879 H	205	274	359	0.01	2	440	< 2	4	< 1	26	0.01	< 10	< 10	11	< 10	32
539880 H	205	274	5	0.05	2	260	40	< 2	< 1	8	< 0.01	< 10	< 10	2	< 10	72
539881 H	205	274	23	0.05	7	700	< 2	6	2	47	0.01	< 10	< 10	23	80	84
539882 H	205	274	10	0.09	3	310	22	< 2	2	15	< 0.01	< 10	< 10	4	260	22

[redacted] CERTIFICATION [redacted]

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: ARCHER CATHRO & ASSOC. (1981) LTD.

P.O. BOX 4127
WHITEHORSE, YT
Y1A 3S9

Project: NDV PLUTO RAILROAD.
Comments.

Page Number 1-A
Total Pages 1
Certificate Date 13-AUG-93
Invoice No. I-9318338
P.O. Number :
Account :

CERTIFICATE OF ANALYSIS A9318338

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
S1	203	205	< 5	< 0.2	0.44	2	110	< 0.5	< 2	0.17	< 0.5	3	101	3	1.43	10	< 1	0.09	10	0.11	220
S2	203	205	< 5	< 0.2	0.37	2	110	< 0.5	< 2	0.10	< 0.5	3	109	3	0.87	< 10	< 1	0.12	20	0.09	280
S3	203	205	< 5	< 0.2	0.53	< 2	330	< 0.5	2	0.18	< 0.5	7	98	14	1.60	< 10	< 1	0.13	10	0.26	800
S4	203	205	< 5	< 0.2	0.70	6	360	< 0.5	2	0.29	< 0.5	10	111	17	2.04	10	< 1	0.13	10	0.36	985
S5	203	205	< 5	< 0.2	0.55	6	230	< 0.5	2	0.19	< 0.5	6	119	12	1.42	10	< 1	0.15	10	0.25	625
S6	203	205	< 5	< 0.2	0.96	2	140	< 0.5	< 2	0.30	< 0.5	6	81	5	1.66	10	< 1	0.19	30	0.35	275
S7	203	205	< 5	< 0.2	0.49	< 2	130	< 0.5	< 2	0.15	< 0.5	3	100	5	1.03	< 10	< 1	0.12	10	0.18	305
S8	203	205	< 5	< 0.2	0.72	6	340	< 0.5	< 2	0.28	< 0.5	9	106	18	2.01	< 10	< 1	0.14	10	0.40	760

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: ARCHER CATHRO & ASSOC. (1981) LTD.

P.O BOX 4127
WHITEHORSE, YT
Y1A 3S9

Project : NDV PLUTO RAILROAD.
Comments:

Page Number 1-B
Total Pages 1
Certificate Date 13-AUG-93
Invoice No. I-9318338
P.O. Number :
Account

CERTIFICATE OF ANALYSIS A9318338

SAMPLE DESCRIPTION	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
S1	203	205	< 1	0.02	6	540	2	< 2	1	14	0.02	< 10	< 10	13	< 10	26
S2	203	205	< 1	0.02	5	280	2	< 2	1	9	0.01	< 10	< 10	8	< 10	20
S3	203	205	< 1	0.02	14	390	4	< 2	2	15	0.01	< 10	< 10	18	< 10	36
S4	203	205	1	0.02	19	530	6	< 2	2	23	0.03	< 10	< 10	25	< 10	52
S5	203	205	< 1	0.02	14	360	4	< 2	1	17	0.02	< 10	< 10	15	< 10	38
S6	203	205	< 1	0.03	8	590	6	< 2	2	21	0.07	< 10	< 10	27	< 10	46
S7	203	205	< 1	0.03	8	280	2	< 2	1	13	0.02	< 10	< 10	12	< 10	26
S8	203	205	< 1	0.02	22	470	4	< 2	2	24	0.02	< 10	< 10	23	< 10	54

CERTIFICATION:

93-109

I would like to change a target area from lower Hayes Creek 115-I-12 Sonora Gulch, Klines Gulch etc. to the headwaters, and general vicinity, of Hayes Creek 115-I-5 Prospector Mt. The reason is that the area I wanted to prospect has been staked. The reason I chose upper Hayes Creek is that previous work by NAT Joint Venture uncovered numerous epithermal veins with occasional high values in gold in the Prospector Mt. area. All placer deposits in this region are in close proximity to bedrock sources and I am hoping that this holds true in this area. There is also hard-rock potential in this area, which makes this target doubly interesting.

WILL PUT
IN FOLDER
in eventually

Report
On
Telford Creek
Prospecting Trip

By
Bernie Kreft

For
~~Karen Pelletier~~ 93-109

22nd May 1992

Location - Telford Creek is located on NTS map sheets 115-O-2 and 115-O-3, at latitude 63 09' and longitude 138 59'.

Access - Access to the target area was by truck to McQuesten airstrip and then by boat down the Stewart River. The trip downstream took approximately 4:00, while the trip upstream took 6:00 [at high water with a 14ft aluminum boat and a 15hp Suzuki outboard.

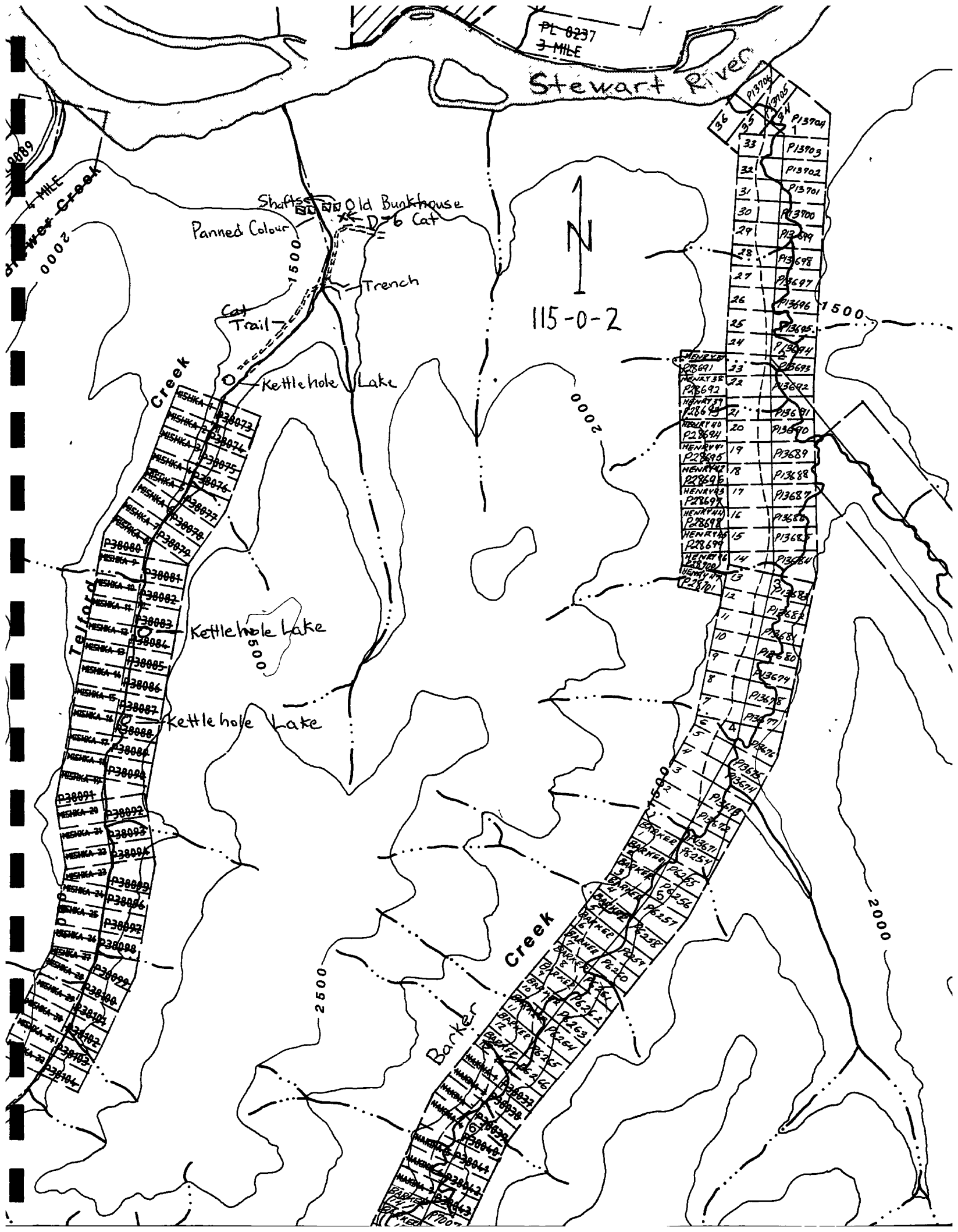
History - Telford Creek is located mid-way between Barker and Brewer Creeks, both of which have been prospected and mined intermittently since 1898. Recent work on Telford consists of small amounts of stripping and road building which probably took place during the early 1980's.

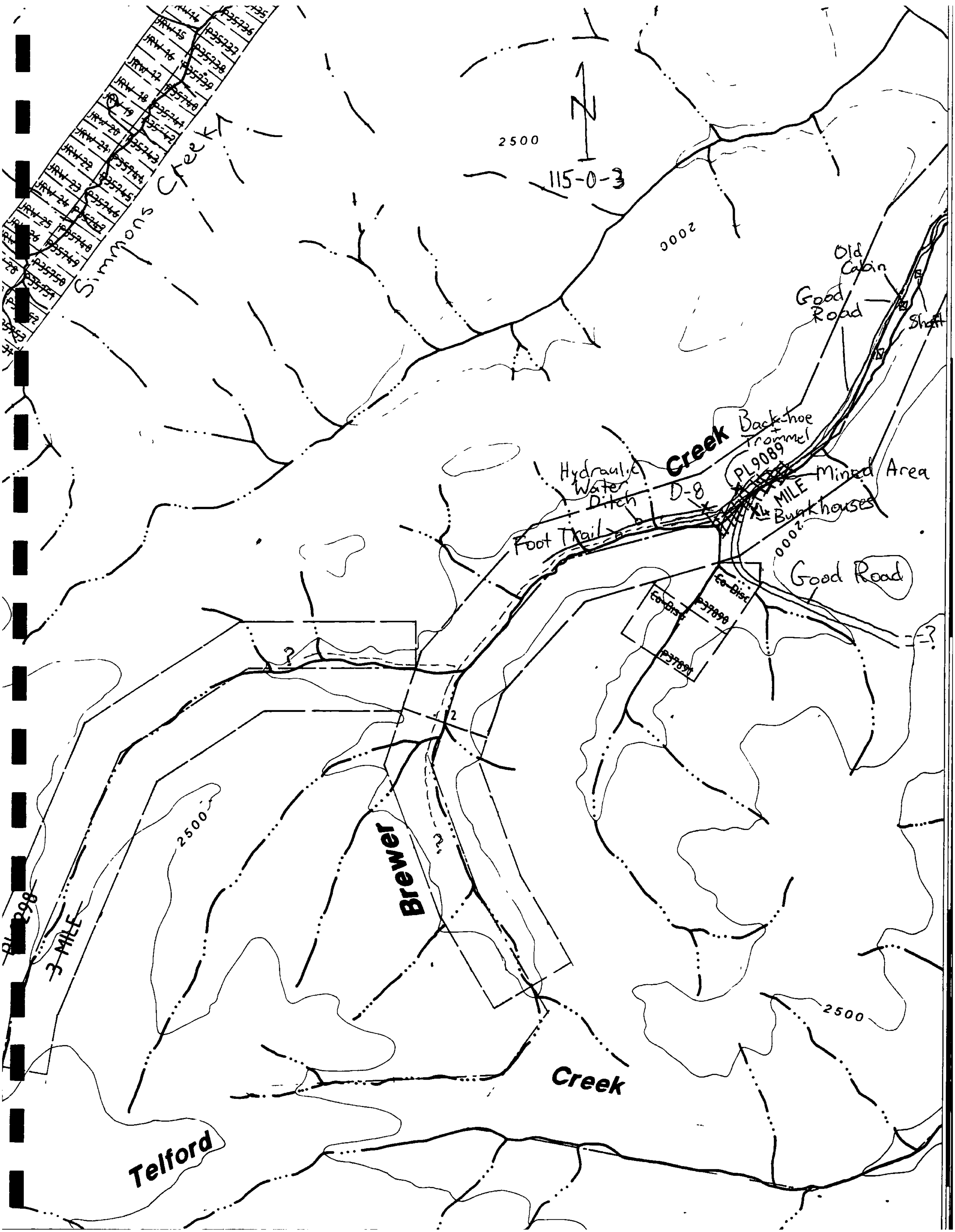
Current Work and Results - Five days were spent in the Telford Creek area [May 16th to May 20th]. The 16th was spent gaining access to the area and prospecting up Telford. The next day we decided to continue prospecting Telford. We walked upstream panning as we went. Results were discouraging as only one small colour was located in the approximately 60 pans done. The next day we hiked to the first fork and dug a 1.7m deep hole in the bottom of an old trench. We panned 25 pans of the deepest material and found no colours though the presence of black sand and a few garnets was noted. Due to negative results on Telford it was decided to discontinue prospecting there and instead do further prospecting on open ground on nearby Brewer Creek. The 19th was spent prospecting and panning on Brewer Creek. Small amounts of fine gold were panned and a large, apparently abandoned operation was found [D-8, J.D.680, trommel, pumps, bunk-houses etc.]. The 20th was spent prospecting the hard-rock potential in the area of the first fork, as panning the previous day returned a small rough piece of gold along with black sand, numerous garnets, and small amounts of pyrite. A QFP dyke was found in one placer pit and numerous pieces of schist with minor epidote on fractures was also located. No definitely mineralized zones or veins were located and prospecting was discontinued. Camp was packed up and we headed back to Whitehorse.

Conclusions and Recommendations - The one colour panned on Telford was found near the mouth in material which resembled river gravels and not stream deposits. The absence of permafrost and the presence of numerous kettlehole lakes suggests that Telford Creek valley has recently undergone glaciation, which probably destroyed any paystreak. Also no other colours were found and therefore further work is not recommended on Telford. Panning on Brewer Creek located fine rough gold up to the first forks. Beyond the fork very little was found. This suggests a local hard-rock source, but the limited prospecting done did not locate any mineralization. As the best placer ground on Brewer is staked no further placer work is recommended, though there

may be hard-rock potential near the first forks.

Costs			
	Food	2 people for 5 days x $52.00/day	= $520.00
	Truck	875 kilometres x $0.38/km	= $332.50
	Boat	5 days x $65/day [15hp and 14ft boat]	= $325.00
	Helper	5 days x $100/day	= $500.00
		Total	= $1677.00


PL 8237
3 MILE
Stewart River
4 MILE
Shafts
Old Bunkhouse
D6 Cat
Panned Colour
Trench
Cat Trail
Kettlehole Lake
Kettlehole Lake
Kettlehole Lake
Creek
Creek
Creek
115-0-2
N
2000
1500
2500
2000
1500
2000



N
115-0-3
2500
2000
Simmons Creek
Old Cabin
Good Road
Shaft
Back-hoe + Trommel
Creek
Hydraulic Water Ditch
D-8
PL9089
Mined Area
1/4 MILE
Bunkhouses
Foot Trail
2000
Good Road
Co-Disc
P37890
P37891
Brewer
2500
3 MILE
2500
Creek
Telford

Report
On
Hayes Creek
Prospecting Trip

By
Bernie Ireft

For
Y.M.I.P.

20th June 1993

Location - The area prospected is on NTS mapsheet 115-I-5 and is centered around latitude 62 26' and longitude 137 55'and included the headwaters of Hayes Creek and part of the surrounding hills.

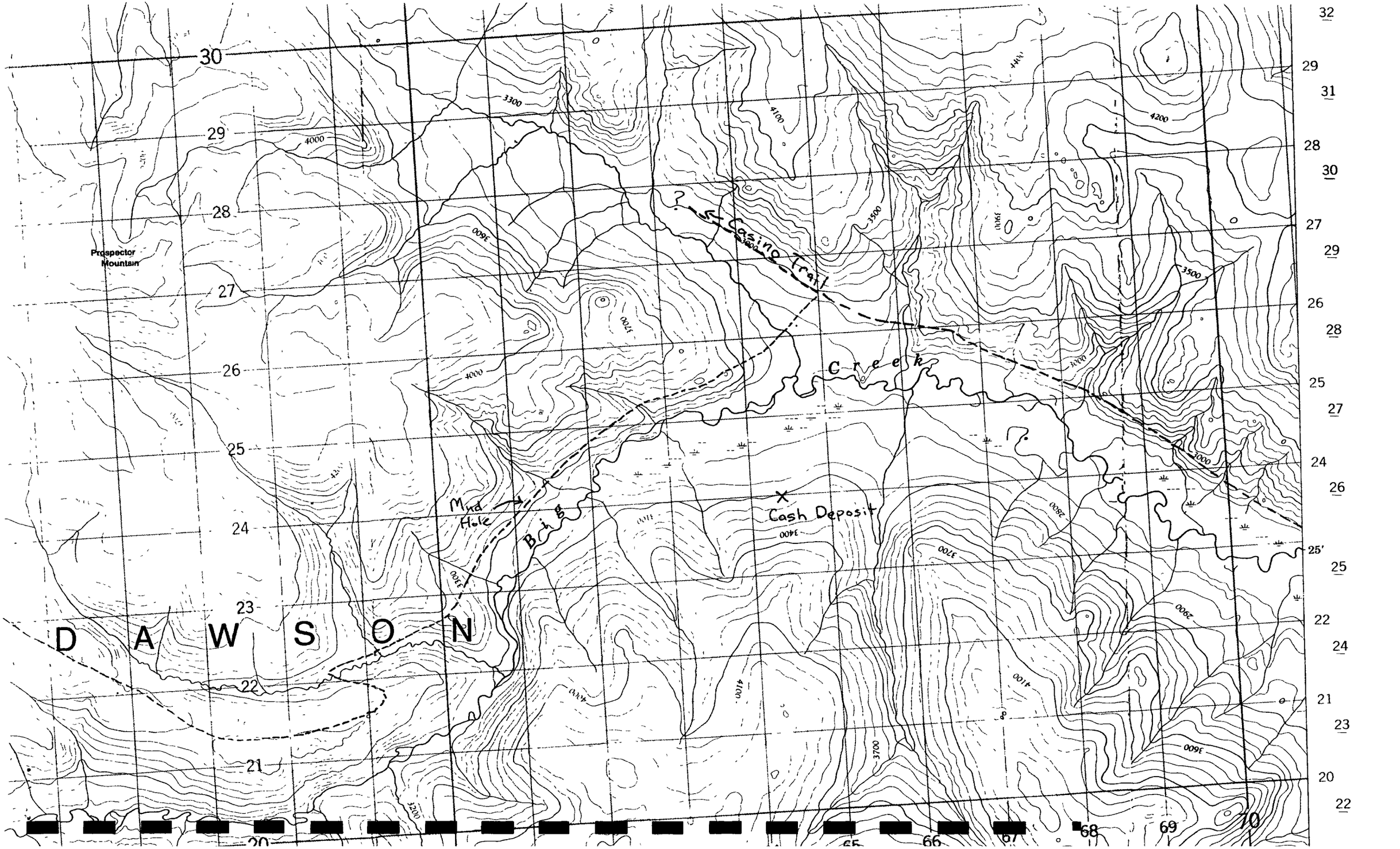
Access - Access to the target area was by truck to Carmacks then along the Freegold/Casino trail to a turn-off just opposite the Cash porphyry deposit. This side road is only driveable for approximately 4.5 kilometres and then a large mud hole blocks any further forward movement. From this point on an ATV was used on the trail, until a very steep hill was encountered and we had to continue by foot.

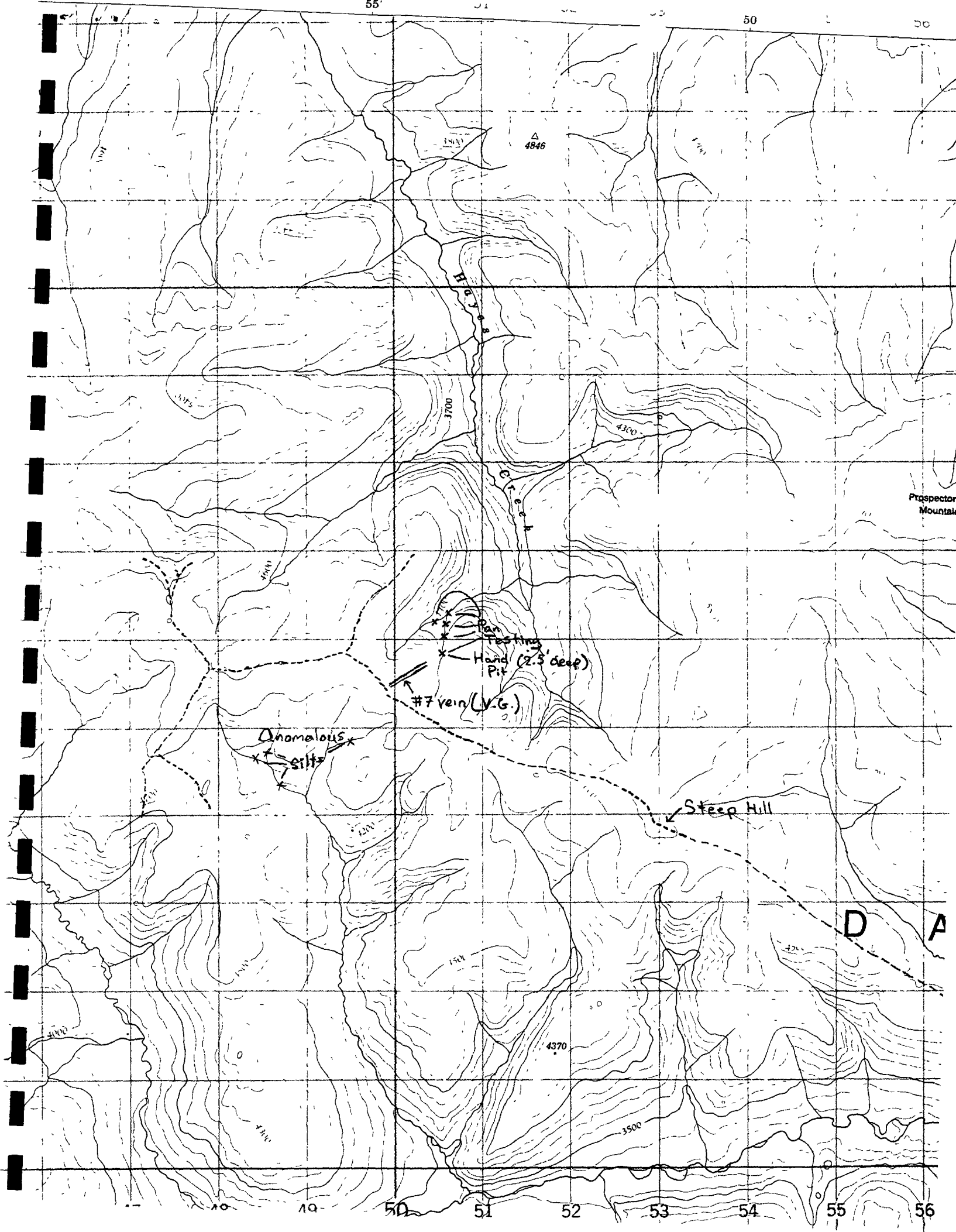
History - The immediate area was staked and explored from 1979 to 1984 by the Nat Joint Venture. Work included road building, trenching and 11 drill holes. Soil over top of the #7 vein was found to contain significant amounts of visible gold [50 pieces were identified under a microscope from one sample].

Current Work and Results - Five days were spent in the area [June 3rd to June 7th]. Hard-rock prospecting did not uncover anything other than the previously known small high grade veins. Placer prospecting was done on the stream below the #7 vein. Approximately 100 pans were panned at five different spots and one small hole was dug just below where the #7 vein would trend into the creek. Although small amounts of galena [which is a common constituent of the #7 vein] were identified in some of the pans, no gold was seen.

Conclusions and Recommendations - All of the veins encountered were small and of little economic interest. Soil from the #7 vein is reported to contain significant visible gold, but detailed pan testing of the stream below the vein did not turn up a single speck of gold, perhaps because most of the gold in the soil was microscopic. Potential for placer gold still exists in the stream which drains the S.W. slope of the hill on which the #7 vein sits, as Nat J.V. work showed the silt in this drainage to be the most anomalous in gold in the area.

Costs			
	Food	2 people for 5 days x $52.00/day	= $520.00
	Truck	550 kilometres x $0.38/km	= $209.00
	ATV	5 days x $75.00/day	= $375.00
	Helper	5 days x $100.00/day	= $500.00
			Total = $1604.00


Prospector Mountain
Casing Trail
Creek
Mud Hole
Big
Cash Deposit
D A W S O N
30
29
28
27
26
25
24
23
22
21
20
32
31
30
29
28
27
26
25
24
25'
22
21
20
68
69
70


Hwy 6
Creek
Prospector Mountain
Pan Testing
Hand Pit (2.5' deep)
#7 vein (V.G.)
Anomalous silts
Steep Hill
4846
4370
3700
4300
3500
50
51
52
53
54
55
56