

115G-11



— trail
 ○ sampled shafts
 ○ trenches
 ● sluicing
 ● panning only

Gridwork
 Each one is numbered.

115G-6 PLACER

LATITUDE 61° 15' TO 61° 30'
 LONGITUDE 139° 00' TO 139° 30'

ISSUED UNDER THE AUTHORITY OF THE MINISTER
 OF
 INDIAN AFFAIRS AND NORTHERN DEVELOPMENT

SCALE 1:30,000

METRES

1000 0 1000 2000

FEET

1500 0 1500 3000 4500 6000 7500 9000 10500



93-092

August 23rd 1993

(I.)

A. JOHN OBERMEIER
P.O. BOX 4477
WHITEHORSE, YUKON TERRITORY Y1A 2R8

Final Report on Glacier Creek, Klwanne.
(Placer gold)

* My back ground was covered in 1992, - Sept. 20th, # 92026
of the M.I.P. Not Good enough

Access and Terrain:

Due to an early spring the use of a snowmobile was limited. Access to site was extremely hard due to grainy snow and abnormally warm daytime temperatures. It was impossible to gain access from April 30th to May 15th. Even when using an A.T.V., I only penetrated the terrain for 0.5 km and walked the rest of the way, approx. one km \pm .

Small, but numerous Spruce trees and willow bushes, plus deep, soggy moss made it very difficult to establish a trail. I used 4 different access routes.

Supplies and equipment were packed into the base camp. Twice my camp was disturbed and torn by wandering bears. Equipment was strewn around.

In the fall of 1992 I had taken in the steamer (discarded and converted propane-bottle), in foresight of the difficulty in the Springtime of 1993.

It was not until early June that some of the glaciated Creek and Pup beds were free of snow and ice. During the initial runoff period both shaft that I had attempted to drive down were flooded and sloughed in, several attempts to restart on these failed and finally I gave up, although I had obtained some test results.

Even during the drier periods of June and July, access was extremely difficult. I abstained from cutting a 4ft. wide trail, as access via A.T.V. is next to impossible, although I managed to get in all the way four times, only to haul equipment in and out, each time it took half a day to do so.

— u —

Summary:

No doubt that Glacier Creek has Placer deposits. A "one man operation" would be viable, although further and more extensive testing with "proper machinery" is suggested. My results were greatly hampered, due to the fact that under the stipulations of the N.I.P., one cannot use any means of mechanized equipment, due to the fact that Glacier Creek is in a Game Sanctuary.

It is further quite possible that the Gold deposits may be localized in pockets only, as any attempt to find a paystreak were unsuccessful.

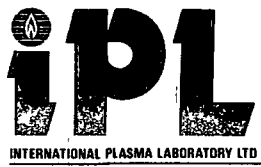
Most of my finds were in glacial till, some Au was found near bedrock in areas where the Creekbed was on, or near bedrock and it was observed that those finds were always in a terrace like area, which act as "nature's sluice box". In these particular areas the Gold was found to be mixed with/or accompanied by, copper nuggets. Some of the magnetite was separated by magnets and the non magnetic material put into a bag for testing (hab analyses), for platinum content. Several Miners in this area have found small amounts of this ~~metal~~ metal, especially in the upper and middle Quill Creek area.

Some gathered rocks will be shown to the Fed. Geologist for evaluation and their nature be added onto the Lab. report.

In the area (approx. 1.4 km) above my camp, some panning was carried out with low or no colours. Any Gold in that area may be widely dispersed in the gravels and in my estimation it would not be worthwhile to mine.

No fish life in this Creek, as it runs intermittently, at times below ground. Best results again were in the area of 3500' and 4500ft. elevations.

Some observations revealed various size Quartz veins and stringers, no mineralization other than small areas of pyrite were present at surface levels.



CERTIFICATE OF ANALYSIS
iPL 93I1312

JOHN OBERMEIR

93-092

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Vancouver, B C
Canada V5Y 3E1
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Northern Analytical Laboratories

Out: Sep 16, 1993 Project: 00296
In: Sep 13, 1993 Shipper: Norm Smith
PO#: Shipment: ID=C030901
Msg: Pt(FA/AAS)30g

1 Samples

0= Rock 0= Soil 0= Core 0=RC Ct 1= Pulp 0=Other
Raw Storage: -- -- -- -- 12Mon/D1s --
Pulp Storage: -- -- -- -- 12Mon/D1s --

[047715:15:17:39091693]
Mon=Month D1s=D1scard
Rtn=Return Arc=Archive

Document Distribution

1 Northern Analytical Laboratories	EN	RT	CC	IN	FX
105 Copper Road	1	2	2	2	1
Whitehorse	DL	3D	5D	BT	BL
YT Y1A 2Z7	0	0	0	1	0

ATT: Norm Smith Ph:403/668-4968
Fx:403/668-4890

Analytical Summary

##	Code	Met Title	Limit	Limit	Units	Description	Element	##
		hod	Low	High				

01	331PFA/AAS	Pt	15	10000	ppb	Pt Fire Assay/AAS finish	Platinum	01
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2036 Columbia Street
Vancouver, B C
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898

Client: Northern Analytical Laboratories
Project: 00296 1 Pulp

iPL: 93I1312 M

Out: Sep 16, 1993
In: Sep 13, 1993

Page 1 of 1

Section 1 of 1
Certified BC Assayer: David Chiu

Sample Name	Pt ppb	Sample Name	Pt ppb	Sample Name	Pt ppb	Sample Name	Pt ppb	Sample Name	Pt ppb
#9	783								
<p><i>X 0.0000292</i> <i>= 0z/t</i> <i>= 0.03 oz/ton</i></p>									

10-Sep-93date

Invoice for Analytical Services

John Obermier

WO#00296

Sample Prep	11 x \$ 4.25= \$ 46.75
Au FA/AAS	10 x \$ 8.50= \$ 85.00
AAS - First Element (Cu)	1 x \$ 2.75= \$ 2.75
Au, Pt & Pd	1 x \$21.00= \$ 21.00

Subtotal	\$ 155.50
GST @ 7% (#R 121285662)	\$ 10.88
Total due on receipt of invoice	\$ 166.38
2% interest charge on accounts over 30 days	

ASSAY COUPONS (1 x \$14.00) = (14.00)
(9 x 6.375) = (57.38)

NET \$ 95.00

PAID CASH

JR



John Obermier

WO 00296

Sample	Au ppb	Cu ppm
1	<5	
2	10	
3	8	
4	6	
5	9	
6	8	
7	7	
8	23	
9	74	>10000
10	14	
11	19	

Certified by 



- 1993 - #93-092

"Prospecting Journal"
of

A. JOHN OBERMEIER
P.O. BOX 4477
WHITEHORSE, YUKON TERRITORY Y1A 2R8

Area: Glacier Creek, Kluane
Map No

April 22 → July 11

— 1993 —

April 15th to Apr. May 15th
Snow machine rental

steamer — 100 lb. purged propane bottle,
steam hose with lance (tubing)
one portable sluice box (aluminum) with
gravity feed hose.

see note on Access to area — Apr. 24th

A.T.V.:

see note on May 28th/93

- * Round trip Whse. ~~352 km~~ 704 km.
- * Round trip Haines Jct. 352 km.
- * round trip to camp 8 km (daily)
(from test site)

①

Glacier Creek, - Kluane April 22nd/93

10⁰⁰ AM. - sunny.

Up Quill Creek via snowmobile, turned right at Willie Pfisterers Mining Claim to make new trail on snow. Snow quite deep in spots - getting stuck quite often.

Arrived at prospecting area @ 1⁰⁰ p.m. - made more trail in area. Cut some brush for access.

15⁰⁰ hrs. return -

Arrived at Willie Pfisterers Claim @ 16³⁰ hrs.
Ran to vehicle to load machine.

(2)

April 23rd/95 Glacier Creek, Yukone.

- cloudy -

09⁰⁰ hr. Run into trail area with snow mobile and toboggan loaded with steamer, hoses and tools.

Upset toboggan, dumped equipment - trail rough. -

shoveled out steaming area, build large fire ~~at~~ over shaft area to thaw to ground.

13⁰⁰ hr. removed some loose overburden.

set up steamer, melted snow for steamer use.

16⁰⁰ hr. - started back out.

18⁰⁰ hr. - out - loading snow mobile.

April 24th/93 Glacier Creek, Kluane

- scattered cloud, windy, wind - S.W.

(3)

09³⁰ hrs. - heading into Glacier Creek

10³⁰ " - arrived in prosp. area.

started fire and charged steamer
melting more snow + ice for steamer use.

13⁰⁰ hrs. started steaming 4 sqft. area

16⁰⁰ hrs. removed 1 1/2 ft of thawed
material, mixed with volcanic ash,
approx. 4 inch layer -

stopped thawing -

18⁰⁰ hrs. out on road.

- Access -

-note- The road is not maintained and
travel to vehicle is approx. 6 to 7 km,
by snow machine

Also access to prospecting area is
approx. 1.6 km through brush, spruce
and poplar trees.

There is a snowcover in shaded areas
3 to 4 ft. thick - snow is grainy, due
to warmer weather and presents a
problem with the snow machine -

most of the existing mining road is
muddy and snowy in patches -

farther travel is prohibitive.

John Trout from Mile 1118 is taking
the grader in to clear the road for
other users.

④

April 30th/93 - Gl. Creek, Klwane -
sunny, warm - wind out of S.W.

08³⁰hr: - attempted to get into area via
snow machine, - impossible.
returned to camp.

5

May 15th/93 Glacier Creek, Klwanne.
sunny, warm - S. wind

08⁰⁰ hrs. used 4wheeler to gain access,
mass is thawed out now and deep.
got 1/2 km into area and walked
the rest - 1 1/2 hrs. walk...

* Fresh bear sign.

Creek running, ground frozen 1ft. down.
shaft area stuffed in. ← sloughed
removed gravel and muck.

build fire in pit to thaw ground.
started steaming until 16⁰⁰ hrs.
removed 1ft. of loose gravel.
panned composite materials - no color.
18⁰⁰ hrs. out.

(6)

May 16th/93 Glacier Creek, Klunne.
warm - windy - light overcast

09⁰⁰ hr.

reached area at shaft site - more
sluffing - excavated much to
permafrost - started fire, steamer
not operable, leaky hose.

12⁰⁰

removed 1 1/2 ft. of gravel, checked
for colours - none

more heat and got one more foot
thawed and excavated - no colours.

getting into different colour material,
rusty in appearance, assume "ferrous
oxide." Found 2 colours, (AU).

17⁰⁰

returned homeward.

note

shaft depth approx. 5 ft., just
below redish coloured deposit.

⑦

May 17th/93 Glacier Creek, Yukone
overcast

09⁰⁰ hrs. shafted 1 1/2 ft. down, after thawing
with "tigertorch."

removed loose gravels - checked
for colours - none -

note found two copper nuggets 3 to 4 mm in
size.

It is becoming apparent that this
is an old streambed, as silty layers
are between gravel layers with black
sand near the bottom of the silt.

17⁰⁰ out - back to camp.

(8)

May 18th/93

Glacier Creek, Klusane.

08³⁰ hrs. found shaft flooded from
excessive runoff - unable to
bail it out -

removed large boulders to
check for colour. 3 to 4 colours
average in 6 locations.

note using aluminum mini sluice
with gravity fed 1 1/2" hose.

found a 3 gram nugget (Au)
and two grams of fine gold in
approx. 1 1/2 cu. yards of material.

* Location #1, Sample # 1

May 19th / 93

⑨

Gubman to Whse.

(10)

May 21st/93

Glacier Creek, Kluane

sunny - warm.

9⁰⁰ hrs.

moved 300 m upstream, to
check 30° bend in Creek.

hit bedrock 2 feet down, -
no colors.

Worked the right bench (facing upstream)
approx. 20 ft. from main channel.

found 3-4 colours average out of
approx. 30 pans tested.

17⁰⁰

heading to camp.

one Grizz with one Cub 200 m away.

* Location 2, Sample #2

(11)

May 22nd/93

Glacier Creek, Kluane
sunny + S.W. wind.

8³⁰ hrs. checking some bench in grid pattern
using mini sluice and gravity hose.

* had to retreat from bear (2 hrs.)

11³⁰ hrs. - continued testing, 4 colours
out of 1/2 yard material - moving
20 ft. upstream from grid.
setting up sluice and hose.

18⁰⁰ hrs. - out to camp.

- to bedrock 2 ft to 8 ft.

Note The access is hard - got a little
closer with A.T.V. - total trail 1 km.
Using several different access trails.

* Abandoned gridwork, to wet!

(12)

May 23/93 - Glacier Crk., Kluane
sunny, light breeze.

09⁰⁰ hrs.

setting up hose and moving some
boulders.

11⁰⁰

started sluicing (by hand)

16⁰⁰

clean up - 12 gram fines,

one 6 gram nugget.

material sluiced, approx. 3 1/2 yards

17⁰⁰

heading out.

* Sample # 3 - # 3 location.

(13) May 24th/93 - Glacier Crk., Kluane
light overcast, warm.

08⁰⁰ hrs. going in.

09⁰⁰ hrs. doing more sluicing, - cleanup 3 gram fines.

11⁰⁰ hrs. moving sluicibox and hose.

12⁰⁰ hrs. started sluicing - 30ft. up from
previous area.

16⁰⁰ clean up - 2 gram fines.

moving equipment back down into area worked
on May 23rd.

17⁰⁰ heading to camp.

(14) May 25th/93 Glacier Crk. Uluane
sunny, windy from the South.

08⁰⁰ moving into area.

09³⁰ started cross landing and sluicing,
encountered larger boulders, unable
to move.

13⁰⁰ hrs. cleanup of testbox - 2 gram.
took pan and shovel to check
higher location.

14⁰⁰ 500m up - started spot testing
and found average of 2 colours per
pan of approx. 30 pans tested.

17⁰⁰ hrs. out to camp.

(15)

May 26th/98 Glacier Creek, Idaho
light haze, cooler, light breeze from N.E.

08³⁰ hrs. going in.

09⁴⁵ hrs. moving hose and test box below spot of
May 23rd.

10³⁰ hrs. set up and working next to main channel.

16⁰⁰ finished sluicing, approx. 30 yards of sandy
gravels. - cleanup 4 grams of fine gold.

17⁰⁰ hrs. heading out to camp.

(sample taken May 23rd)

(16)

May 27th/93 Glacier Creek, Yukone
hazy, cool - light breeze, wind N.N.E.

08⁰⁰ getting into area.

09²⁰ moving 200ft. below spot of May 23rd

11³⁰ set up test box and hose.

working closely to main channel,
occasionally testing benches with pan.

17⁰⁰ no colour.

17³⁰ out to camp.

(17)

May 28th/93 Glacier Creek, Yukone
very windy & clear, warm wind S.W.

09⁰⁰ hrs on trail.

10⁰⁰ hrs moving up 50ft. and setting up equipment.

11⁰⁰ hrs. started sluicing off benches.

* noticed the everpresent 4 to 5 inch volcanic layer on bench cuts. This layer was deposited approx. 1230 years ago and the underlying gravels had not been disturbed since that time. The earlier flow of water beneath this layer is evidence that the Creek flowed over this area, as evidenced by the layering of gravels, silt and decomposed plant material. This indicates that these deposits have been there for some time, probably since the retreat of the Glaciers.

16⁰⁰ hrs. started cleanup. (materials moved, about 3 to 4 cu yards.) 3 grams of fine gold recovered. noticed large amount of magnetite and some small copper nuggets.

17³⁰ left for camp.

(18)

May 29th/93 Glacier Creek, Yukone
sunny - warm.

08³⁰ hr. set out for test site.

09⁴⁰ hr. moved hose and test box.

10³⁰ hr. started sluicing off some bench.

noticed a brownish 3 to 4 inch layer of
gravel - started moving this material
through box, approx. 1 1/2 cu yards.

15³⁰ cleaned up box contents.

Recovered 12 gram of fine gold.

note

it appears that this ferrous containing
gravel seems to hold some of the
better pay, although it appears that
bed rock is 3 ft. lower.

18⁰⁰ hr. heading for camp.

sample #4, near location #3

(19)

May 30th/93 Glacier Creek, Klwanne

Sunny - warm - S. wind. moderate breeze.

08⁰⁰ hr. returned to site.

09³⁰ " moved box 20ft. up.

removing some overburden and started
cross trenching - 1ft. to bedrock. - sluiced
lower material

16⁰⁰ Clean up of test box - 2 gram fine gold
1 - 3 gram nugget.

(26) May 31st/93, Glacier Creek, Yukone
hazy - warm - no wind.

08⁰⁰ hrs. into site.

09³⁰ hrs. working on trench.

* noticed "calcite stringer" in bedrock.
calcite showed impregnation of
pyrite in some pieces. —
sluicing gravels.

16⁰⁰ cleanup - 1 gram fine gold.

17²⁰ heading out to camp.

June 1st/95 - Glacier Creek, W. Auane

(2)

Run to Haines Jct. for supplies.

(27)

June 2nd/93 Glacier Creek, Kluane.
sunny - warm S. wind.

08⁰⁰ hrs. into site.

moving across Creek to test benches.

10⁰⁰ hrs. - moving equipment.

setting up and moving smaller boulders.

12⁰⁰ hrs. started sluicing bench material.

large rocks in bench.

16⁰⁰ hrs. clean up - 10 colours.

17³⁰ headed for camp.

(23)
June 3rd/93 Glacier Creek, Volume
overcast, windy

08³⁰ hr. started to site.

moved equipment 30 ft. lower.

10³⁰ started sluicing of left beach.

14²⁰ hit rust coloured gravel again.

checked box, - some colour.

16²⁰ Clean up - 6 gram fines.

17²⁰ out to camp.

(24)

June 4th/93 Glacier Creek, Yukone
windy, warm.

08⁰⁰ hrs. into site.

continued testing same area.

* [bedrock greyish and decomposed.
run into layers of clay further
away from main channel. Hard material
to work with, if not impossible.
Not feasible for large operation.]

17⁰⁰ hrs. cleanup - 2 gram of fine gold.
moved approx. 4 cu. yards.
back to camp

25

June 5th/93 Glacier Creek, Yukone
overcast - warm. high S. winds.

09⁰⁰ going into test site. moving box + hose
to higher location. 1000 ft. up.

12⁰⁰ setting up.

13⁰⁰ hr. started sluicing.

The area is more narrow - canyon like, with
large boulders and close to bedrock. Gravels
are coarse.

17⁰⁰ hr. stopped and cleaned up - some colour.

(26) June 6th/93 Glacier Creek, Yukone
sunny, windy, warm.

08⁰⁰ hrs., on way to test site.

moving lower 100 ft., preparing small
test grid 4 ft. squares x 4

testing ground - good colours.

sampling - composite.

17⁰⁰ left site.

* hole 1, 6, 11 and 16 were started.

* Test grid #1 - 16 test holes.

Layout

1 ^x	2	3	4
5	6 ^x	7	8
9	10	11 ^x	12
13	14	15	16 ^x

Location #4, composite sample #5

(27)

June 7th Glacier Creek, Kluane
hazy, windy, warm

08³⁰ hrs. into site - some water in holes.

continued testing grid pattern.

doing composite sampling.

14⁰⁰

some colour.

← / holes, 1, 6, 11, 16

continued test work, 3 ft. down at 4 holes

4 ft. down at 2 holes. (reaching rusty layer again).

tested same, - no colour. →

18⁰⁰

heading to camp.

sample #6 (composite)

(28) June 8th/93 Glacier Creek, Kluane
overcast, windy. - heavy rain in afternoon.

08³⁰ returned to site. (holes 5, 10, 15)
continued excavation of grid,
sampling at same time.

14⁰⁰ hrs. broke off work due to heavy rain.
returned to camp.

sample # 7 (composite)

June 9th/93. Glacier Creek, W. Luane.
heavy overcast - rain

(29)

did not go out today!

(30) June 10th/93 Glacier Creek, Kluane
overcast, windy.

09⁰⁰ hr. returned to site.

grid flooded -

moved up to small pup inlet.

panned for 2 hrs. 2-3 colour
per pan.

moved higher, moved boulders.

panned more - 4-5 colour per pan.

18⁰⁰ hr. - returned to camp.

* Grizzly sow and 2 cubs in area!

(31)

June 11th/95 Glacier Creek, Yukone.

windy, sunny.

08³⁰ hrs. into site.

moved portable sluice box to pup.

11³⁰ started sluicing via gravity feed system.

16⁰⁰ clean up - approx. 40 colars - in 4 yds.

17⁰⁰ Grizzly sow with two pups prompted quick retreat.

18⁰⁰ out into camp.

sample # 8 -

(PUP)

(37) June 12th/93 Glacier Creek, K-Name
over cast, hazy, light rain.

09⁰⁰ into site.

noticed rusty layer @ 3ft from bedrock.
sluiced this material through out the
day - no colour.

— 2 —

* Move to Pup - left side (down stream)

33

(Pup)

(*)

June 13+14/93 Glacier Creek, W. Luane

windy, overcast, warm.

08³⁰ into site.

continued working the one and two foot layers above bedrock, found one 12 gram nippet and some coarser gold (4 gram).

* tried to establish paystreak !! ?
it appears that this was an isolated pocket. The terrain in this spot is a natural riffle on bedrock.

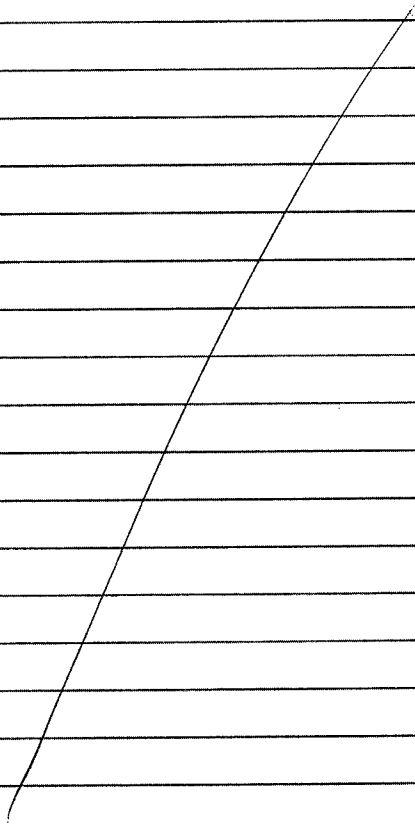
further work brought only 3 to 5 colours per pan.

18⁰⁰ returned to base camp.

June 14th/93 Glacier Creek, Kluane-
shower. (pup)

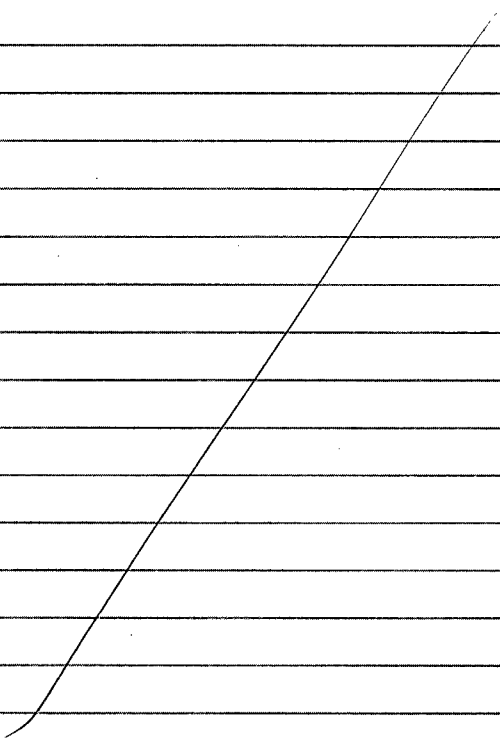
34

* Whse. trip - Grab mem.



June 15th/93

return from Whse.



June 16th/93

rain -

(35) resting - catching up on log entries
from notes.

* preparing samples, ~~the~~ numbering
bags.

* marking map - transferring to
new map - old one's gotten wet and
frayed -

36

June 17th/93 Pup of Glacier Creek, Kluane.
windy with showers.

10⁰⁰ into site - Grizzly bent sluice box
and threw tools around.

12⁰⁰ setup to sluice 100ft up from
previous area.

moving heavy rock and some boulder.

14⁰⁰ started sluicing

* note: found CA nuggets - some Au colours.

separated black sands via magnet,
inspecting and sampling non magnetic
material for lab analysis, to check
for platinum! (maybe ~~nickel~~ rhodium) (sp)

sample # 9

(37) June 18th/95 pup on Glacier Creek,
windy, overcast, warm, afternoon shower.

09⁰⁰ into site
sluicing on pup.
moved approx. 6 cu yards,
* recovery 14 gram fine gold.
took samples.

17³⁰ return to camp.

note terrain is mossy, rocky near pup
hard access!

sample # 10

38

June 19th/93 Pwp on Glacier Creek, Yukone.
sunny, warm. - shower in afternoon.

- 08³⁰ into site.
moving more material through sluice box
- * noticed "fresh" bear sign.
working to both sides off pwp. (trending)
- 16⁰⁰ cleanup. - 4 gram of fine gold, one
small nugget.
- 18⁰⁰ return to camp.

(39)

June 20th/93 Pup on Glacier Creek.

08⁰⁰ into site.

working close to bedrock,
bedrock extremely fissured, some
decomposition off to the side of channel.

"note" a suction dredge could clean this up
quite nicely.

"note" calcite and quartz stringer throughout
bedrock. pyrite present in quartz.
This area is heavily faulted at
higher regions with visible shear zones.
* Will investigate as moving up. *

17⁰⁰ small clean up - some colours.

June 21st —————

Rain —

(40)

day of Rest.

June 22nd/93

heavy over cast, showers.

* - Day off -



June 23rd/93

overcast - steady drizzle.

stayed in camp.

Day OFF

(41) June 24th/93 Pup on Glacier Crk. 4/8uane
sunny, windy, warm.

08³⁰ hr.

outo site.

water everywhere, heavy flow in
Main Creek and pup.

10⁰⁰ started testing higher up. (200ft).

working bencies, very rocky -

* the overlay of broken rock has not
moved far -

* approx. 1 1/2 ft. below is glacial till,
2 to 3 ft to bed rock. (no colour).

* investigating and testing old
stream bed - no water. hauled
samples of deeper layers to
Creek for washing - slow going!
found very little colour.
going deeper into old bed.

18⁰⁰ to camp!

(42)

June 25th/93 - Pup on Glacier Crk. Wluane
overcast, no wind.

08³⁰ hr. continued testing old stream bed.
moving composite material from four holes.

- some colour.

* testing individual holes - no colour in
two - the other two have colour,
concentrated on those two holes.

4-5 colour per pan.

17³⁰ hr. out, to camp.

(43)

June 26th Pup feeding into Gl. Crk.
sunny, warm, rain in the P.M.

08⁴⁰ into site

working opposite side of pup.
moving boulder.

stripping biomass from gravel.

14⁰⁰ started sluicing

17⁰⁰ cleanup - 3 or 4 colours.
(4 to 5 ft from bedrock.)

18⁰⁰ returned to camp.

(44)

June 27th/93 Pup of Glacier Creek.
sunny. some showers in the P.M.

09³⁰ into site.

continued working down to bedrock,
mostly through glacial till, encountered
some 2 to 3 inch silt layers, indicating
previous stream flow.

15⁰⁰ moved 4 to 5 yards trough sluice box,
found 30 colours, no fines or coarse gold.
near bed rock, good concentration
of fines.

18⁰⁰ out to camp.

(45) June 28th/93. Pup on Glacier Crk.
hazy, over cast in the P.M. with sprinkles.

09⁰⁰ hr. into site.

continued excavation to near
bedrock all day.

sluiced approx 2 to 3 cu yard of
medium sized gravels, good colour.

in areas such as this, the concentration
of Au deposits appears to be
in the last 2 to 3 feet of finer
sand-gravel-silt layers.

* no paystreaks - just pockets.

18⁰⁰ left for camp.

46

June 29th/93 Pwp on Glacier Creek.
overcast, light rain in the P.M.

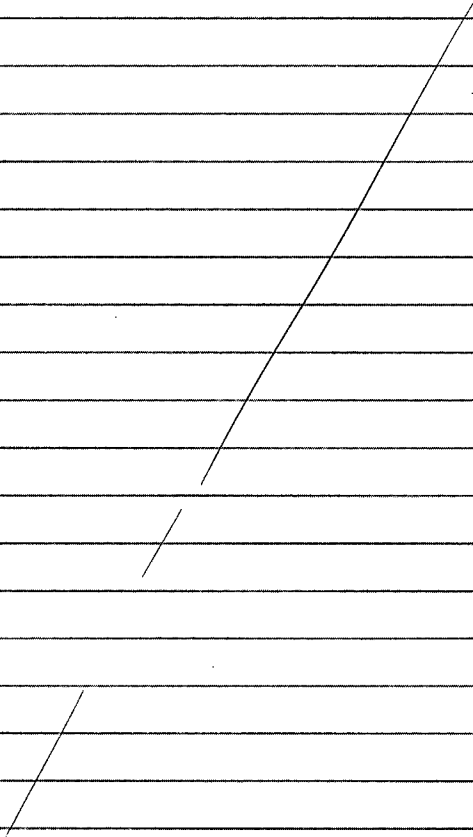
09⁰⁰ continued testing decomposed bedrock,
some colour, but no concentrations.
(took samples).

18⁰⁰ hrs. out to camp.

sample # 11

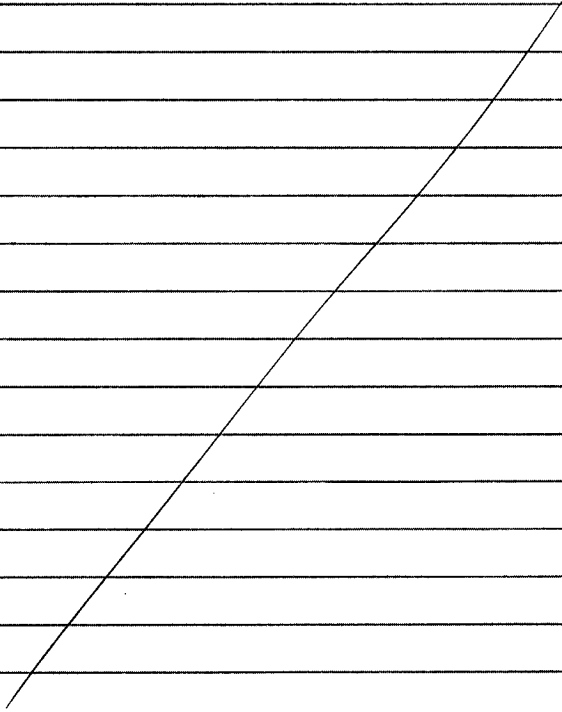
June 30th

Haines Jct. - Embury.



July 1st _____

Day off rest



July 2nd/93

—

Day off

July 3rd/93

day off

* nursing muscle sprain in lower
back until July 8th

(47)

July 9th/93 Glacier Creek, Yukone.
sunny, warm.

09³⁰ * Returned to Glacier Creek from
Pup. - *
moved equipment to higher elevation
on Glacier Creek.

11⁰⁰ removing overburden from bench.

17³⁰ into camp.

48

July 10th/93 Glacier Creek, Kluane

sunny, hazy!

09⁰⁰ continued removing overburden.

11³⁰ set up to sluice gravels, running into silty layers. (*Indication of previous flows).

16⁰⁰ cleaning up - light colours. - approx. 15 colours ϕ per cu yard. (moved 3-4 cu yards).

17³⁰ out to camp.

* observed heavy concentration of black sands. (took samples)

July 11th/93 Glacier Creek.

(49)

off to Haines Jct. for
supplies.

July 12th to 18th/93.

- * off - nursing a sore back!
- * further work to be completed, approx.
3 more weeks until finished in Glacier
Creek Area.

Note - Off sick until Aug. 12th with
counted rotated vertebrae in lumbar section,
extreme discomfort and unable to move
too much physically.

also repaired rental machine rear axle bearings.
\$226. - cost at Hondashop.

① Aug. 16th Glacier Creek, W. Luome.
Windy, some cloud cover, warm.

09³⁰ Taking off for test area

11⁰⁰ in - sorting equipment.

setting up on bench (See July 9th)

13⁰⁰ started hand sluicing

moved approx. 2 yds.²

16⁰⁰ some colors.

18⁰⁰ out to camp.

noticed whitish rock, could be gypsum
(took samples.)

(2)

Aug. 17th Glacier Creek, Klumme
Windy, sunny, mild.

08³⁰ Out to test site
started hand sluicing. 30ft higher than
previous location.

* noticed bedrock outcrop in Creek, working
left bench and Creek at that point and
slightly above.

Good colour. from approx. 4 cu. yards.
no coarse gold, small copper nuggets.

17³⁰ out to camp.

③ Aug. 18th / 93 - Kluane, - Glacier Creek.
gusty winds, light + broken overcast.

10⁰⁰ in test area - sparse water flow, —
enough for sluicing.

working right bench near Creek bed,
put approx. 3 cu. yard of Material
through hand sluice.

4 gram of fine gold, small copper nuggets
in concentrate.

18⁰⁰ to homebase.

(4)

Aug. 19th/93 Glacier Creek, Klwanne
sunny, mild, broken cloud.

10⁰⁰ hrs. in test area - moving to higher location
using pan and shovel to spot test in
6 locations. 4 to 5 colors per pan, average.
(see "highest" location on map.)

13⁰⁰ Moving all equipment and camp out
of area, due to recurrence of back problem.
* Having difficulty with lower back.

Concluding the 1993 prospecting
program on Glacier Creek.

Report and lab analyses to follow
