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FAINT AND MARGIN LIGNÉ AVEC MARGE

- | | |
|---------------|---------------------------------------|
| A 9 | BLACK
NOIR |
| A 9-P | BLACK PLAIN
NOIR UNI |
| A 9-Q | BLACK (QUADRILLE)
NOIR (QUADRILLÉ) |
| A 9-X | BLACK (INDEXED)
NOIR (INDEXÉ) |
| A 9-95 | ROSE
ROSE |
| A 9-96 | PASTEL BLUE
BLEU PASTEL |
| A 9-97 | CHARCOAL GREY
GRIS FONCÉ |

(9 1/4" x 7 1/4")
235mm x 184mm
192 PAGES

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MONTRÉAL CANADA HIP 1A2



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LOG BOOK of A. John Obermeier

Y. M. I. P. 1992

Placer Prospecting

Wade Creek Area

A. JOHN OBERMEIER
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WHITEHORSE, YUKON TERRITORY Y1A 2R8

May 3rd / 92

Whse. to Quill Creek - 320 KM

Snowmobiled into and up Quill Crk. -
followed Stakes up Maple Crk. as for
orientation. Reached summit (2 lakes)
late afternoon - lot of snow and ice (15-20ft.)
at Maple Crk. Canyon. Some Runoff.
Attempted to dig two test holes - ground
frozen.

Returned to Camp @ dark.

- * 4 hrs. Road travel.
- * 6 hrs. orientation.

Wade Crk. Pup 01"

May 4th/92

Returned to Wade - measured 1000 ft
from P. Lease up onto Pup "01".

Set up Steamer, build fire to generate steam
started shafting - (slow going.)

Thawed 3ft. Deep $\times 2' \times 2'$

Widened out to 4×4 .

Removed Top layer of coarse gravel
and rocks.

1st Sample from 2' level. (Shaft #1)

Panned some material - 3 colors
average per pan.

Returned to camp.

(9 hrs.)

* Rental - Snow machines: (May 1st/92)

Wade Ck. Pup "01"

May 5th / 92

1
3 - Returned to Pup "01." Prepared Steamer -

4 hrs. of thawing - Removed finer gravel
checked with pan - average 12 Colours per pan.
continued thawing.

2nd Sample @ 4 ft. level. (Shaft #1)

Returned to camp.

(8 hrs.)

May 6th

Wade Ck. Pup "01"

Up to Pup "01" - started Steamer.
Continued thawing shaft down to 7 ft.
Lots of material coming off shaft sides.
Removed excess material.

Sample #3 (Shaft #1)

No Colours in pan concentrate.

Saved material for washing when Water flow
is better.

(Shos.)

May 7th

Wade Crk. - "Pup" "01"

✓
5 Prepared for steaming to thaw more ground.

Hit bedrock at approx. 8-9 ft. - sloping down. It appeared decomposed for 3 to 4 inches. Panned material - found some colour -

Sample #4 (Shaft #1)

May 8th

Wade Ok. - Pup "01"

Moved Steamer to Shaft #2 location.

Returned to Whse. 320 KM
to wait for improved weather, Snow to melt
and ground to thaw.

(10 hrs.)

May 14th

Wade Crk. - Pulp "01"

Whsc. to Quill Crk. 320 km (evening of May 13)

Setting up on Wade - Pulp "01" Shaft #2
Thawing ground - top layer 6" is thawed
due to warmer weather - improved run off.

* Washed material from May 6th -
some fine gold. -

Started down 3ft. x 4x4 wide on Shaft #2
checked for Colours. 6 to 7 Colours per pan.

Sample #1 - Shaft #2 @ 3ft. level.

(9km)

* 200L gasoline
2L oil mix (2stroke)
10 tubes Grease
1 case Motor oil, 10W-30

May 15th

Wade Crk., - Pup 01, - Shaft II,

Continued throwing to the 5ft. level,
removed material - spot checked for Colours,
some fine gold. Material contains fair
~~amount~~ of black Sand - magnetite -
separated magnetite via magnet - to
have assay assess other greyish sands.
There are platinum deposits in the general
area, which are usually not recognized
by Placer miners and are ~~discarded~~
disposed of during clean ups.

Sample # 2, Shaft II, Pup "01".

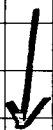
(11 hr.)

May 16th

Wade Crk., - Pup 01 - Shaft II.

Returned thawing 2 more ft. - to 7ft. level
removed gravels - spotchecked - some colour
good concentration of black sand.
proceeded to sample, separate magnetite
and prepare other test site.

*



*

(7 ft.)

at bedrock - again decomposed layer
of 6 inches.

Sample # 3, Shaft 2
7ft. level

May 17th Wade Crk. Pup 01 - Shaft III

Moved Steamer into position for Shaft III and setup.

* (Grubbin to Haines Jct. 320 KM return)

May 18th

Wade Creek, Pup 01, Shaft III.

Started Shaft #3 - thawing

checked surrounding area for colours - some.

Required 2 new fittings for Steam hose -
went to Mile 1118 for same.

12 ✓
May 19th/92, Wade Crk., Pup 01

Shaft #3 - removed first foot of Gravel
No Colours -
continued steaming

13 ✓
May 20th/92 Wade Crk., Pup 01

Shaft #3 - removed one more ft of Gravel
No colours. resumed steaming.
removed small boulders and larger
rocks. (2 ft. down)

14 ✓
May 21st/92, Wade Crk., Pup 01

Shaft #3 resumed steaming, removal of
larger rocks - washed some gravel
2 colours. (3 ft. level)

15 ✓
May 22nd Wade Crk., Pup 01

Shaft #3 continued steaming and
checking Gravels for colours - none
(down to 4ft).

May 23rd/92, - Wade Crk. , Pup 01

Shaft #3 - bedrock @ 5 1/2 ft.
No Colours.

* did not take samples as to poor *
showings.

* distances from Shaft #1, to shaft #2 and
Shaft #3 approx. 1000 ft.

May 24th/92, Wade Crk. , Pup 01
Trench #1

Started trenching approx. 1000 ft. above
#3 shaft - east side of Pup. - Ground
frozen at the 3 ft. level. panned some
gravels and found 5 to 6 colours.
(further work forthcoming when thawed).

May 25th/92, Wade Crk. , Pup 01
Trench #2

started on trench #2 - westside of Pup.
again frozen Ground at 3 1/2 ft. checked
for colours, found 8-9 colours average
per pan.
further work required.

19
✓
May 26th/92, Wade Crk. - PUP 01

started work with portable Hand Sluice,
to work, test and sample.

1. ✗ Test runs as marked by number on Map
 2. ✗ Symbology explained on map.
 3. ✗ Panning locations as marked.
-

20
✓
May 27th/92, Wade Crk., PUP 01

'Sluice Area #1'

worked in areas where natural pockets
may occur.

Recovered $\frac{1}{4}$ oz (8.2 gram) some coarse, & fines.
approximate yardage = 5 to 6 yds.

✓
May 28th/92, Wade Crk., PUP 01

21
continued work in Sluice Area #1
processed approx. 8 yds. (4 cleanups).
Recovery = 7 gram.

May 29th/92, Wade Crk., PUP 01 -

resumed work, approx. 12 ft. upstream,
processed 5 to 6 yards, (5 cleanups).
Recovery: 4 grams.

May 30th 92, Wade Crk. - PUP 01 -

Removing debris, rocks and boulders (3 in.)
continued sluicing, put through 3 to 4 yds.
Recovered: 21 grams. - largely due to
working material in spots where previously
rocks and boulders were.

noticed no turbidity, due to the fact
that material was from ~~the~~ creek bed
and void of sediment producing turbidity.

May 31st/92 WADE Crk. - PUP 01

build small tailings pond and small
settling pond for processing beach material.
* some good results sniping - two 10 gram
nuggets and 4 smaller ones.

- Returned Snow machines - (picked up)

✓ June 1st/92, Wade Crk., PUP 01

Rented A.T.V.'s - Trip to Whse + return
740 KMs -

Made arrangements to rent D-7 Cat
to clear existing Mining access road through
Maple Crk. canyon - as Road is blocked
by fallen Rock and debris. 1/2 mile
has to be cleared - Quoted Price: \$ 800.-
Access without clearing not possible.

✓ 25 June 3rd/92 - Wade Crk. - Pup 01.

Road cleared, access fair via A.T.V.
Set up for sluicing again.

✓ 26 June 4th/92 Wade Crk., PUP 01

Resumed work on trench #1 (see May 25th)

continued trenching from June 4th to (10 days)
June 14th - average 2-3 colors per pass
per 14 to 20 passes a day.
no bedrock encountered.

Trench is 20 ft. long by 7 ft. deep,
sloping from start to end 2 ft to 7 ft.
Ground water prohibits further work.

June 15th/92 - Wade Crk. - Pup 01 -

found interesting rock sample near the mouth of ~~the~~ Pup 01 - it was a float and appear to be graphite. Sample # 101
Place of origin unknown - although a thorough search of area was done.
Location marked on map

June 16th/92 - Wade Crk. - Pup 01.

located small Quartz vein - took samples.
* Sample # 102 - pyrite showing and other not identifiable minerals - awaiting assay!
Location marked on map.

June 17th/92 - Wade Crk. Pup 01.

Continued work on Tailing and settling pond (see May 31st)

started sluicing bench materials near rock wall - working through to bedrock.

* 3 grams of medium fine Gold.
out of approx. 3 yds.

30 ✓ June 18th/92 - Wade Crk. - Pup 01.

added one more settling pond.
8hr.

31 ✓ June 19th/92 - Wade Crk - Pup 01

Grab run to Haines Jct. - 320 KM return.

* Purchased 200L of Gasoline, 10L of 10W-30
oil and 2 stroke mix, 1L.

32 ✓ June 20th/92 - Wade Crk. Pup 01

started work (3hr.), got rained out.

* (4 day Rest period)

33 ✓ June 24th/92 - Wade Crk. - Pup 01

34 24 started work on Trench #2 from
35 25 June 24th to July 2nd (8 days)
36 26 processed an average of 16 pans per day
37 27 with little or no colour.
38 28

39 29 * Gave up on trenching. *

40 1

41 2

NOTE: experienced continuous Rain
from July 3rd to July 6th
terrain and creekbeds flooding -
lost both shafts and both trenches due
to flooding -

lost 2 shovels, one chainsaw, one
gold pan, one 10x12 ft. tarp, a small
food cache (buried) and some notes.

#2 July 7th/92 - Wade Ck. - Pup 01

Hard going to get to prospecting area,
roads washed out. Got stuck with A.T.V.
several times.

set up new camp - started work!

#3 July 8th/92 - Wade Ck. - Pup 01

Found altered creekbed and checked with
hand sluice for new showings.

* Recovered 33 grams of 3/4 coarse and
1/4 fine Gold. It's coming from somewhere!

Tried following paystreak.

Noticed washed down bench (glacial till) near-

by. Continued checking benches.

continued →

Continued - July 8th 92 —

washed more material from different layers of glacial till. Some success in the 7 ft. layer from the top. There is another 5 ft. ~~of~~ before bedrock.

* NO Gold in bottom layer, or on bedrock.

July 9th to July 20th - Wade Crk. Pup Bl.
(11 days)

Systematically moved through layers in glacial till.

Total recovery 121 grams - $\frac{3}{4}$ coarse and $\frac{1}{4}$ fine gold.

None of the Gold recovered came from bedrock, but between 4 to 6 ft. up. the gold bearing layer is at top of a 2 to 3 inch layer of sediment, consisting of clay type material. The layer consists of redish brown material containing gravel of a consistent size, from $\frac{1}{4}$ inch to 3 inch rounded rock material. = Sample # 103 —

Traces of Volcanic ash is below (1 1/2 to 2 ft. from top) the peatmoss type layer, this points to the fact that the material has not been disturbed for at least 1230 years since the eruption in Alaska.

(See report: by Richard B. Campbell and Vern N. Ruxpton - titled: The Story of Rocks and Glaciers - (Kluane + St. Elias Ranges)

continued —>

continued.

Furthermore the recent activities by L. Terrell on Reed Crk., suggests MESO Thermal activities in the distant past along the Duke River fault line - which is now a dead fault. How placer deposits arrived in this area is now controversial, as to the earlier belief of its deposits during the retreating Nisling or Ruby glacier. (Two different time periods - but same direction of retreat)

* Native copper, magnetite and hematite seem always present during final clean ups.

A thorough drilling program would tell the story, but is not feasible, financially, to the small prospector.

A 4 to 5 ft. fault shear was observed on the Quartz vein - see Sample # 102.

As my personal knowledge of geology is limited, I rely on assays and expert opinion.

July 22nd/92 Wade Ck. Pup 01.

56

Concluding prospecting in the area of Pup 01 - as to some slides and wash out of previous work.

* moving to pup 02 - north of Maple Creek. (see map).

July 24th/92 - PUP 02 -

(3)

57 24

58 05

59 26

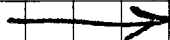
Spent from July 24th to 26th gaining and making prospecting areas accessible, via cutting trail, moving rocks and some panning and sluicing along the way. good colour about 1 1/2 miles up - approx. 20 colours per pan. Marked spots for further testing.

July 27th/92 PUP 02

10

Found old workings (Placer) but no posts. by the construction of an old shovel, it seems that it was made in early 1900, as it was riveted. Part of what appears to be an old wagon road is also visible, but has been washed out above and below through the course of time.

Found old Hardrock posts as well, will check out Y.A. numbers to ascertain date. (Assumably 1950's).



July 27th/92 - continued -

Three small pups near the top, enter ~~#~~ into Pup 02. Good showings on pups - average 30 to 40 colours per pan.

This Pup (Pup 02) appears to be classified as # I, which is disputable. No fish in this pup, as it goes under ground in two areas and reappears.

Found ~~an old~~ remains of an old camp site - either an old native floating camp or mining camp.

Gravels appear interesting in similarity of surrounding benches and cuts, the layering of glacial deposits seem consistent with that of other areas, as far down as Quill Crk.

When talking with Mr. Willie Pfisterer, who works a claim on Quill Crk., I discovered that he too recovered Gold from a similar layer in Glacial Till as I had on Pup 01 and Pup 02.

— 10 —

July 28th/92 - PUP 02 - (9 days)

some exposed bedrock between the first and second prop, coming into PUP 02
Set up hand sluice and started work in area from July 28th to Aug. 6th

worked 4 different locations within a 30ft. radius, and recovered 223 grams of $\frac{4}{5}$ coarse and $\frac{1}{5}$ fine gold. Sniping resulted in 3 larger nuggets in crevices 1 = 22g, 2 = 17g, 3 = 13g.

definitely a worthwhile area for a small set up.

Rest period, 4 days —

Aug 11th/92 - PUP 02 -

Gubrun - Whse - Return 740 KM's.

Aug 12th/92 - PUP 02 -

Resumed work - testing area between the 2nd and third prop. GOOD showing again.

Setting up sluice.

From Aug. 22th to Aug. 24th (12 days) worked a rectangular Area of 1200 ft.

continued —→

Aug. 12 - 24th / 92 Pup 02 continued. (12 days)

Recovered 31.7 gm of $\frac{4}{5}$ coarse $\frac{1}{5}$ fine =
gold. Several smaller nuggets - total 29 gm
, when recovered via sniping.

It appears that the gold bearing area is
at the east side of Pup 02, through the
action of the Creek in time, the material
had been washed and Gold deposited on the,
or near the Creek bed. The West side =
gravels contain colour, but no substantial
showings. It is my assumption that the
east side, including the three ~~or~~ small pups,
is gold bearing. Mechanized Mining, e.g.
a small loader and backhoe (4WD) would
do extremely well in this area.

Aug. 25th / 92 - Pup 02 -

Grubbin, Haines Jct. - 320 km return
200L of gasoline, Oil and Mix.

Aug 25th to Aug. 29th - REST PERIOD -

86 Aug. 30th - Pup 02 - (Foot - 2nd)
87 31 (13 days)
88 1

89 2 - D start testing with hand sluice and pan
90 3 2000 ft. below 3rd Pup, while spot checking
91 4 on the way down. (only marginal showings)
92 5 Tested old (dry) Creek bed and found
93 6 excellent showings. (40 to 50 colours)
94 7 working an area 40ft. long by 30ft.
95 8 to each side, found pay streaks
96 9 again on east side of creek - including
97 10 old creek bed - diverted water via hose
98 11 and PVC pipe - gravity feed -
99 12

From Aug. 30th to Sept 12th (13 days)
Recovered 249 grams of Gold, mostly coarse,
several small nuggets totaling 30 grams.

During this period extensive freezing was
encountered, as night temps. varied from
-5°C to -8°C
this is an excellent placer area, although
it appears to be in concentrated areas,
coming down from the east slope.

Again, the area was glaciated as
indications show and the gold-
bearing gravels appear to be layered
in an area 4 to 8 ft. above bedrock.

Frequent exposed bedrock had good
showings below, in pools and pockets
on, or near bedrock. Again, this does
not indicate that the Gold occurs on
bedrock but has been deposited there through
the action of the water.

Sept. 12th to Sept 15th Rest period -

100 Sept. 16th Grubson Hoines Jet. (320154)

101 Sept. 17th - PUP 02 -

Approx. 1100'ft. north of confluence of Pup 02 into Maple Crk., I found a float a heavy mineral, which first appeared like a rock, until further examination.

This has also been submitted for Assay in Sample # 103. A further crumbing of the Area revealed none of it's kind, nor anything close to it and is extremely puzzling.

I thought confidential advice from an old time Miner and Prospector Mr. Jerry Mogenson, who gave me some Ideas about it, but would not further commit himself as of the nature of the mineral, pending the outcome of the Assay.

102 Sept. 18th + 20th/92 PUP 02

worked on old Pup, (dried up), got marginal showings. (3-4 Colours per pan).

Snow and freezing temp. bringing work to halt.

Samples 19-23 plotted on map are all gravel samples.

WHERE IS SAMPLE #104?

Equipment used:

- 1 Snow machine :
- 1 H.T.V. :
- 2 Gold pans :
- 1 portable sluice box :
- 1 PVC pipe

1.)

Sept. 20th, 92.
A. John Obermaier

Background + Experience:

From 1986 until now I have spent many days in the Klwane Range during the Summer seasons. I have prospected with experienced men like Billy Allen, (Barwash), Willy Fisker, (Quillcreek miner), Steve Johnson, Jerry Moganson, conversed with L. Tremblay and others, who are actively and successfully mining in the area. I also sought ~~ex~~ out materials from the Fed. Geologists' offices on Range Rd and their advice.

Areas prospected: Wolverine Crk., - Steele Crk., Arch Crk. - Nickel Crk., - Porcupine Crk. Swede Johnson Crk. - Reed- and Lillo Reed Creeks, Jodi Crk. and the eastside of Klwane River, across from Mile 1118. Research on the Duke River fault and the Shakwak trench were done and are continuing.

Being skeptical about others opinions + judgements, I researched on my own, with my own results and opinions, never dis- regarding well intentioned advice.

My background as a seagoing Marine Engineer has helped me greatly as far as understanding equipment and its use, my decision making process and systematic~~ly~~ investigation. Knowledge in prospecting was gained through "hands on" experience and open mindedness plus plenty of winter time study.

2.)

Sept. 24th 1992
by: A. John Obermeier

Access and Terrain:

Access, in the month of May, was accomplished via Snowmobile and was very difficult at times, due to ice and snow conditions - especially in Canyon areas.

A discarded 100lbs. Propane bottle was converted to a Steamer to thaw out frozen Ground (e.g. shafts).

Without snow machine, access would have been impossible - except via helicopter.

During early June, most Snow and Ice had melted except in the Canyons, where it was still up to 6ft. thick and A.T.V. access was accomplished by physically carving out access with pick and shovel.

By approx. June 18th the Canyons were clear.

High water flow from Wade Crk. made crossing fairly dangerous and more than once I was ~~so~~ swept down the Creek while trying to hang on to the A.T.V. and gear.

The flow receded near the end of June. Access to Pup 01 was via Wade, through the ~~upper~~ upper area, as the claims on Wade ended near the canyon of pup 01. (1000').

Pup 02 had extremely difficult terrain, all the way to the top (approx. 3 miles) and could at times not be accessed by A.T.V. - therefore all hand equipment had to be carried in partly on foot.

3/

Sept. 25/92
H. J. Obermeier

Summary + CONCL.

Pup 01 could be economically mined with small equipment, although trenching did not provide the clues I was looking for.

The similarity in the layering of glacial till proved that the gold appears to be suspended on "false bottoms" and is not found on bedrock except where the ground has been disturbed, e.g. slides, - water action.

Pup 02 would be excellent ground for mining - especially the eastside of the valley up to and approx. 2000 feet below the three small pups. The lower valley could also prove to be quite productive, but due to the spreading out, would most likely be spotty and larger equipment would have to be used to move the volumes. (at best a gamble). This area would be suitable for a one or two men operation.
A reclassification of this Creek would be recommended.

22-Oct-92 date

Assay Certificate

page 1

John Obermeier

WO#13823

Sample #	Au ppb
102	173
103	1210
Shaft1 Pup01	
1	13
2	12
3	19
4	19
Shaft 2 pup01	
1	13
2	13
3	70
023 pup02	14
019 pup02	21
021 pup 02	19
022 pup 02	20
Bedrock pup02	22

	Ag oz/ton	Pb %	Zn %
104	72.187	86.7	0.2

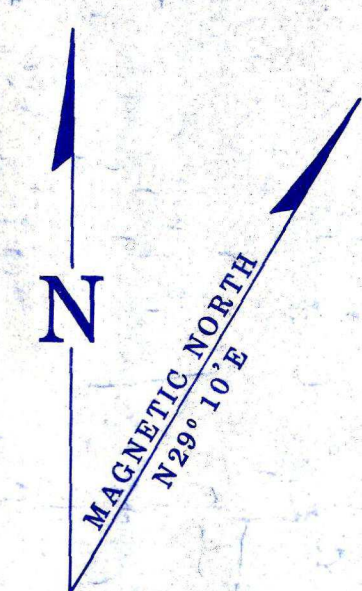
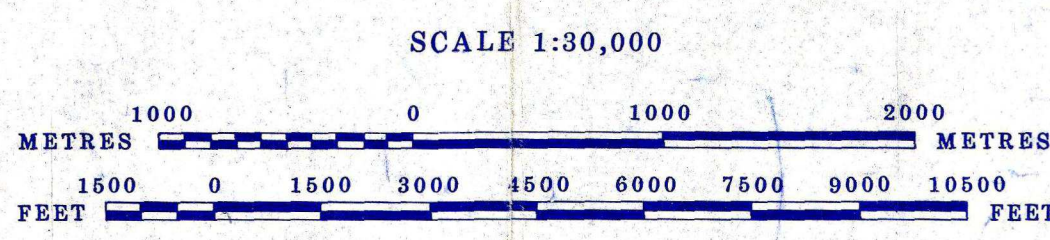
Certified by *Chiyoki*



JOHN OBERMEIER 92-026

115G-5 ROCK SAMPLE LOCATIONS
 PLACER

LATITUDE 61° 15' TO 61° 30'
 LONGITUDE 139° 30' TO 140° 00'
 ISSUED UNDER THE AUTHORITY OF THE MINISTER
 OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT



NOTE:
 THIS MAP IS ISSUED AS A PRELIMINARY GUIDE FOR WHICH THE DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT WILL ACCEPT NO RESPONSIBILITY FOR ANY ERRORS, INACCURACIES OR OMISSIONS WHATSOEVER.
 TOPOGRAPHY COMPILED FROM 1:50,000 NATIONAL TOPOGRAPHIC SERIES.
 CONTOUR INTERVAL 500 FEET.
 SURVEY INFORMATION COMPILED FROM LEGAL SURVEYS, BY DRAFTING SERVICES.

115P-9	115G-12	115G-11
115P-8	115G-5	115G-6
115P-1	115G-4	115G-3

Note: For quartz see 115G-5 quartz

