

**YUKON TERRITORIAL GOVERNMENT
EXPLORATION INCENTIVES PROGRAM
PROJECT # 93 - 030**

**PLACER PROSPECTING IN THE
STEWART RIVER AREA**

June 16 - November 1, 1993

**TRANSVERSE MERCATOR PROJECTION CO-ORDINATES
137°30' longitude - 63°30' latitude (approx.)
PLACER CLAIM SHEET 115P-12 & adjacent**

**prepared by
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1. Introduction

The focus of this prospecting project was to perform a preliminary evaluation of the thawed gravel deposits in the Stewart River drainage between the Stewart Crossing bridge and downstream of Clear Creek. I also prospected up Moose Creek and Clear Creek.

2. Geology

These creeks are all similar in that they cut through the Tintina Trench. The gravel deposits of the Tintina Trench are known to be auriferous, although paying gravels have not been extensive. Some people believe that the bar deposits on the Stewart River were formed by the action of the river cutting through the gravels of the Tintina Trench. In R. G. McConnel's 1903 report "Report on the Klondike Gold Fields" he says that,

"The wide depression between the Klondike hills and the Ogilvie range is covered with alternating beds of silts, sands, clays and gravels, for which the name of Flat Creek beds is proposed.....The Flat Creek beds have been partially destroyed by streams flowing from the Ogilvie range, and are carved into a series of flat-topped plateaux often lined with low terraces....The gravels are well rounded and consist of slates, cherts, quartzites, diabases, and granites occurring in the Ogilvie range. There are auriferous in places but no pay values have so far been found in them."

In his 1900 report, "Exploration of the Tintina Valley from the Klondike to Stewart River", McConnel states:

"The gold on the Stewart River bars is fine, and there is every reason to believe that it has been concentrated from the high gravel and sand banks described above..."

3. Rationale

Because the creeks cut through these massive gravel deposits which carry a low concentration of placer gold, I thought that gold would be concentrated in their valley bottoms.

These creeks, which cut through the Flat Creek beds, are thawed and the water table is high. For this reason they would make good dredging deposits. Each of these creeks contains millions of yards of gravel, so that any one of them could support large scale development. Because floater dredging is so cost efficient, a low grade deposit could be worked profitably. All of the area has been staked with placer claims or leases in past years but there is a substantial amount of ground open on them now.

4. Work Description

The prospecting which I carried out consisted of taking gravel samples and processing them on location using a gold pan. The samples were all approximately one shovel-full or, on average, 7 pounds. I also collected some samples in a 2 1/2 gallon pail and panned them down. These samples were approximately 50 lb. in weight and are identified with an * in the tables of results. I did not attempt any kind of grade analysis of the gravel which I sampled because I did not feel that I had enough information. My objective was to establish gold presence in these Flat Creek beds over a wide geographical area with the intention of performing more detailed exploration work in promising areas identified by this prospecting.

5. Areas Investigated and Results Obtained

I have broken down my prospecting work on a drainage basis. The following information is discussed: the best panning results obtained, the general tenor of the pans, a brief discussion of the geography of the area, and a preliminary impression as to the viability of the ground.

5.1 Moose Creek

I began the prospecting project by doing a cursory evaluation of Moose Creek. I took pans up the creek for a distance of approximately three miles. The results are tabulated in Table 1, and my field observations are noted in Days 1, 2, 3, 4, 5, 6, 7, and 12 in my field book. Sample locations are plotted on Maps 1a and 1b.

I found traces of gold in approximately half of the samples which I panned. The best pan which I obtained had 4 colours and most of the pans which contained gold had 1 or 2 colours.

The amount of gold which I obtained was less than I had hoped. Undoubtedly there would be a greater concentration of gold in the lower depths of gravel and on bedrock. Heavy equipment or drilling is required to determine whether there is a viable prospect here.

The ground which I examined in the Moose Creek valley would be excellent dredging ground provided depth to bedrock is not excessive and sufficient gold values are obtained by more detailed evaluation work. The valley is wide, approximately 2,000 feet in the lower reaches and narrowing to approximately 1,000 feet further up the creek. There is very little overburden covering the

gravel. The most overburden that I observed was 3 feet, and in many places it was less than a foot.

5.2 Stewart River near Stewart Crossing

I spent 7 days evaluating ground around the Stewart Crossing area. This area attracted my attention because there are some large bars and islands immediately upstream and downstream of the bridge. The results of the sampling which I did are outlined in Table 2 and detailed observations from my field notes are recorded on Days 8, 9, 14, 15, 16, 17, and 18. Sample locations are plotted on Map 1c.

The best sample which I obtained contained 17 colours. Many of the pans had 10 to 12 colours and most of the pans contained gold particles.

This ground looks promising from the surface samples which I took. However, while the surface showings were encouraging, it would have to be ascertained whether this is surficial bar gold or whether the values extend deeper.

This area of the Stewart contains tens of millions of yards of gravel and access has already been established. It is ideal dredging ground with little overburden on the banks of the river and on the islands in the river, and no overburden in the back channels and bars. It is doubtful that bedrock would be reached with a dredging operation, however if the values were sufficient in the upper gravels, it would still pay to work this area. Further evaluation using heavy equipment would determine the viability of the deposit.

5.3 Stewart River near McQueston Airstrip

I spent 10 days evaluating gravel around the McQueston Airstrip in the Steamboat and Chapman Bar areas, and around the mouth of Clear Creek. Results of the samples which I took are outlined in Table 3 and detailed observations from my field notes are recorded on Days 10, 11, 13, 19, 20, 21, 27, 28, 29, and 30. Sample locations are plotted on Map 1.

The best sample which I took had over 150 colours in it. Several pans contained over 100 colours, and most of the pans contained gold. All the gold was fine; however in the better pans there were some good sized flakes which could be heard when dropped into a pan.

Some of the surface samples which I obtained were exceptional, but this area is

well known for its bar deposits, and testing over a significant depth would have to be undertaken in order to determine the viability for dredging. Bedrock could probably not be reached, as it is reported to be 75 to 100 feet below the gravel surface. If a section of 20 to 30 feet of the gravel proved viable, mining could be undertaken.

Access in the area is good with a trail extending upstream from the airstrip several miles and a heavy equipment access trail, which is swampy in places and not suitable for vehicular traffic, extending downstream to Independence Creek. Overburden in the bank ground is up to 8 feet deep in some places, but there are many islands, bars, and back channels which have very little overburden.

5.4 Klondike River

I did some sampling on 2 bars on the Klondike River, upstream of Hunker Creek. It has been said that the Klondike is not auriferous above Hunker Creek, and I wanted to determine whether this is true.

The theory of gold not being deposited in paying quantities above Hunker Creek appears to be valid from my cursory sampling. The best pan on the two bars which I sampled had two microscopic specks of gold. I did not find anything worth pursuing with this work. The results of my field observations are recorded on **Days 22 and 23** of my journal. The results of pans which I took are tabulated in **Table 4**. The bars where I took samples are plotted on **Map 3**.

5.5 Clear Creek

I spent some time examining ground in the lower Clear Creek area. There is a good access trail, from the Clear Creek bridge on the highway, which parallels the creek for approximately 7 miles upstream. There is evidence of former prospecting work over the length of the creek which I traversed. There are several prospecting cuts which have been excavated with heavy equipment. The results of my findings are tabulated on **Table 5**, and my field observations are recorded on **Days 24 and 25**. The sample locations are plotted on **Map 1**.

The best sample which I obtained was 4 colours, one of them a good sized flake, in a 7 lb. sample from a small gold pan. Most of the pans had some colours, although there was nothing exceptional.

The section of Clear Creek which I examined had some dredgeable ground, but there were also large areas which were locked in perma-frost. I didn't spend

much time in this area because it didn't seem particularly suitable for dredging and the samples which I took were not noteworthy. The fact that there are a number of prospecting cuts made with heavy equipment and no subsequent mining undertaken, indicates that other miners may not have obtained viable results here either. The valley is extremely wide in this section of the creek, which would mean that the pay is not concentrated. Access is very good into the area. The road could be fixed up with minimal cat work.

5.6 Flat Creek

I spent a day in Flat Creek. I walked upstream from the highway and took some pans approximately 1 mile from the bridge. The results of this sampling are tabulated on Table 6, and my field observations are recorded on Day 26 in my journal. The location of the samples which I took is plotted on Map 3.

I found that the ground was pretty well all frozen, except for the actual creek bed, and therefore not suitable for dredging. I didn't pursue my prospecting work for more than one day here. I found gold in all of my samples, although none of the samples had gold of any great significance, and one of the samples had only 3 colours in a 2 1/2 gallon pail. The best sample which I took contained 3 very fine colours in 7 pounds of gravel. This sample was taken out of cut bank in the creek channel.

6. Conclusions and Recommendations

The prospecting work which I did in the Tintina trench gravels, as outlined in this report shows that these gravels contain placer gold. I found that there is a tremendous volume of this Tintina trench gravel that is thawed. Some of the areas showed promise for placer mining, although more detailed evaluation would obviously be necessary. My intent was to perform a cursory evaluation of this ground to confirm that it is auriferous to some extent and I believe that I accomplished my objective.

The work that I did in the creeks leads me to believe that the action of these creeks cutting through this Tintina Trench gravel may not have been great enough to provide a significant concentration of gold in the valleys. Possibly, testing to bedrock depth could prove otherwise. In the Stewart River basin, however, it appears that the river has had a significant concentrating influence. It can be seen that the river channel has moved around through-out the river valley over time. Because I found a concentration of gold in some areas, both on the bars and in the banks, and because the action of the water can be seen in

the valley, I think that the pay is distributed in rich shallow layers throughout the gravel sections. Further evaluation is definitely warranted. Because the Stewart is highly valued as salmon stream, it should first be ascertained whether dredging would be allowed on the bars, the dry channels, the islands, and the river-bank ground adjacent to the water-course.

Table 1
Sample Results
MOOSE CREEK

Sample #	# of Colours
1.1	2 fine
1.2	0
1.3	0
2.1	1 fine
2.2	1 fine
2.3	2 fine
2.4	0
3.1	2 fine
3.2	0
3.3	0
4.1	0
4.2	1 very small
4.3	0
4.4	0
5.1	0
5.2	0
5.3	2 very fine
5.4	3 (1 lрге flake)
6.1	2 very fine
6.2	4 fine
6.3	0
7.1	2 small
7.2	0
7.3	0
12.1	2 fine
12.2	8 fine

Table 2
Sample Results
STEWART RIVER
NEAR STEWART CROSSING

Sample #	# of Colours
8.1	3 fine
8.2	0
8.3	7 (2 flakes)
8.4	3
8.5	11
9.1	7 very fine
9.2	3
9.3	4 (1 flake)
14.1	3 fine
14.2	4 very fine
14.3	0
14.4	4 (1 flake)
14.5	11 fine
15.1	13 (2 flakes)
15.2	9 (2 flakes)
15.3	11 very fine
15.4	1 flake
15.5	3 very fine
16.1	3 very fine
16.2	2 fine
16.3	0
16.4	6 (2 flakes)
16.5	9 fine
16.6	3 fine
17.1	3
17.2	7 (2 flakes)
17.3	6 fine colours
17.4	4 colours
17.5	13
17.6	10 (1 flake)
17.7	0

Table 2- continued
Sample Results
STEWART RIVER
NEAR STEWART CROSSING

Sample #	# of Colours
18.1	2
18.2	0
18.3	17 (2 flakes)
18.4	0
18.5	0
18.6	2 very fine
18.7	0

Table 3
Sample Results
STEWART RIVER
NEAR McQUESTON AIRSTRIP

Sample #	# of Colours
10.1	150+, big flakes
10.2	150+, big flakes
10.3	100+
13.1	150+. big flakes
13.2	150+, big flakes
19.1	6
19.2	9 (3 flakes)
19.3	7
19.4	14 (3 flakes)
19.5	3 fine
20.1	7
20.2	6
20.3	2
20.4	6 (flake)
20.5	11 (4 flakes)
20.6	2 very fine
20.7	1 very fine

Table 3 - continued
Sample Results
STEWART RIVER
NEAR McQUESTON AIRSTRIP

Sample #	# of Colours
21.1	100+
21.2	150+
21.3	100+
27.1	7
27.2	6
27.3	4
28.1	2 fine
28.2	3 fine
28.3*	19 fine
28.4	0
28.5	9 (2 flakes)
28.6	3 fine
28.7	2 fine
29.1	0
29.2	3 fine
29.3	2 fine
29.4	3 flaky
29.5	0
29.6	0
29.7*	5
30.1	2 fine
30.2	1 fine
30.3	0
30.4	4 fine
30.5	11 (2 flakes)
30.6	0

**Table 4
Sample Results
KLONDIKE RIVER**

Sample #	# of Colours
22.1	0
22.2	0
22.3	1
22.4	0
22.5	0
22.6	2 very fine
22.7	0
23.1	0
23.2	0
23.3	0
23.4	0
23.5	0
23.6	0
23.7	1 very fine

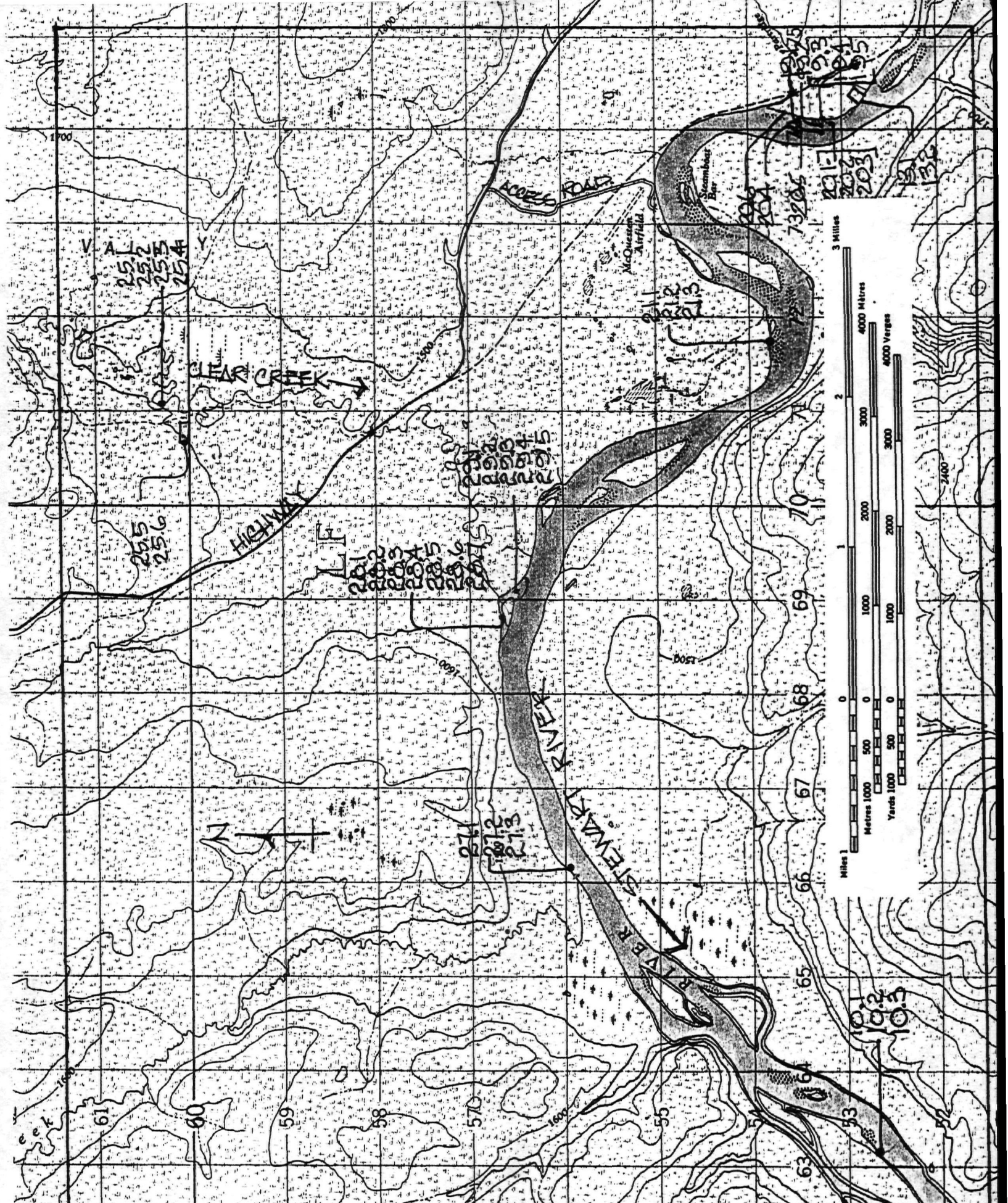
**Table 5
Sample Results
CLEAR CREEK**

Sample #	# of Colours
25.1	2 very fine
25.2	0
25.3	4
25.4*	9 (2 flakes)
25.5	2 fine
25.6	0

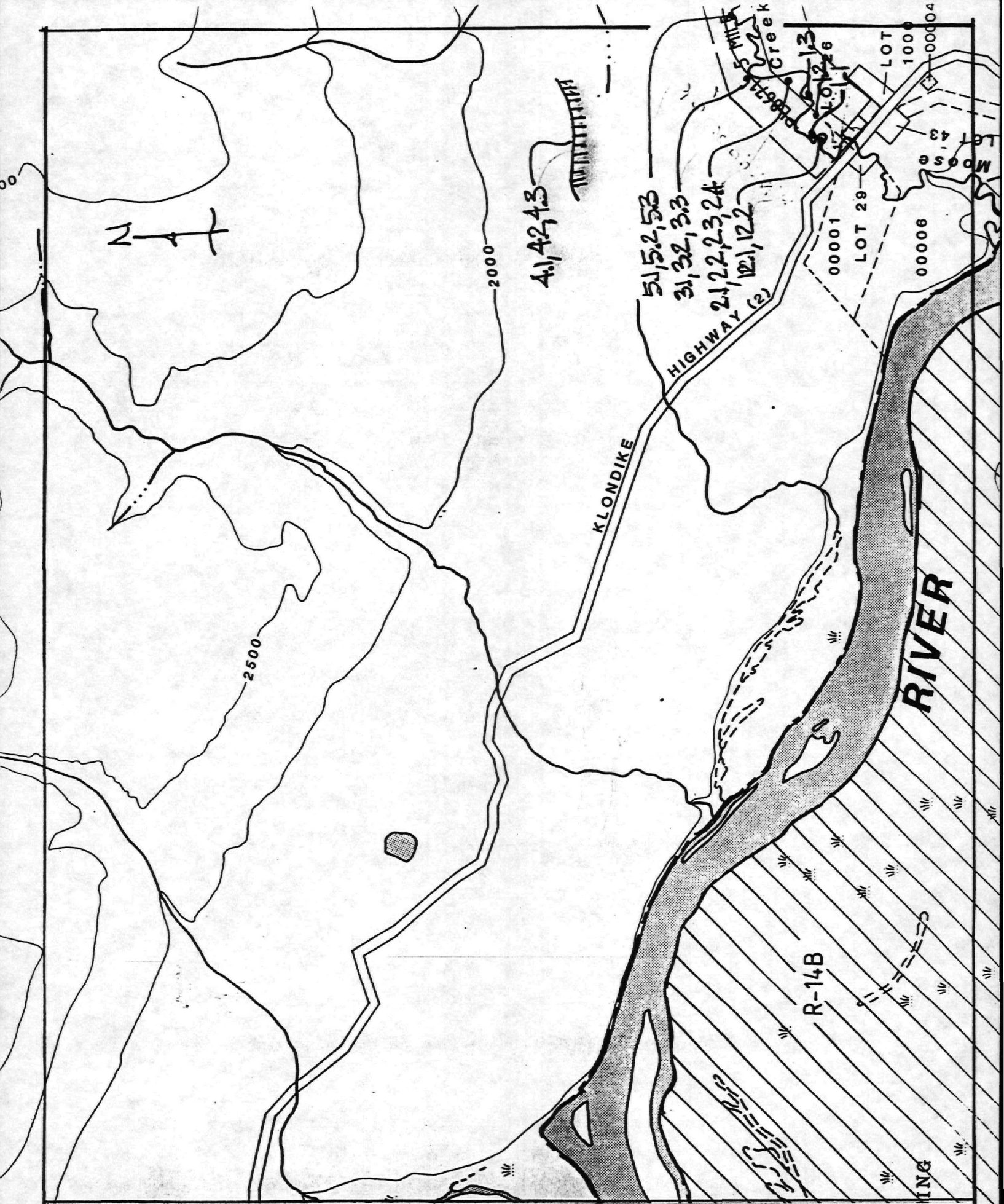
**Table 6
Sample Results
FLAT CREEK**

Sample #	# of Colours
26.1	2 fine
26.2	1
26.3	3 very fine
26.4*	11 fine
26.5*	3

* indicates 50 lb. sample (all other samples were approx. 7 lb. or 1 small gold pan full)



STEWART RIVER, CLEAR CREEK SAMPLE LOCATIONS - MAP 1

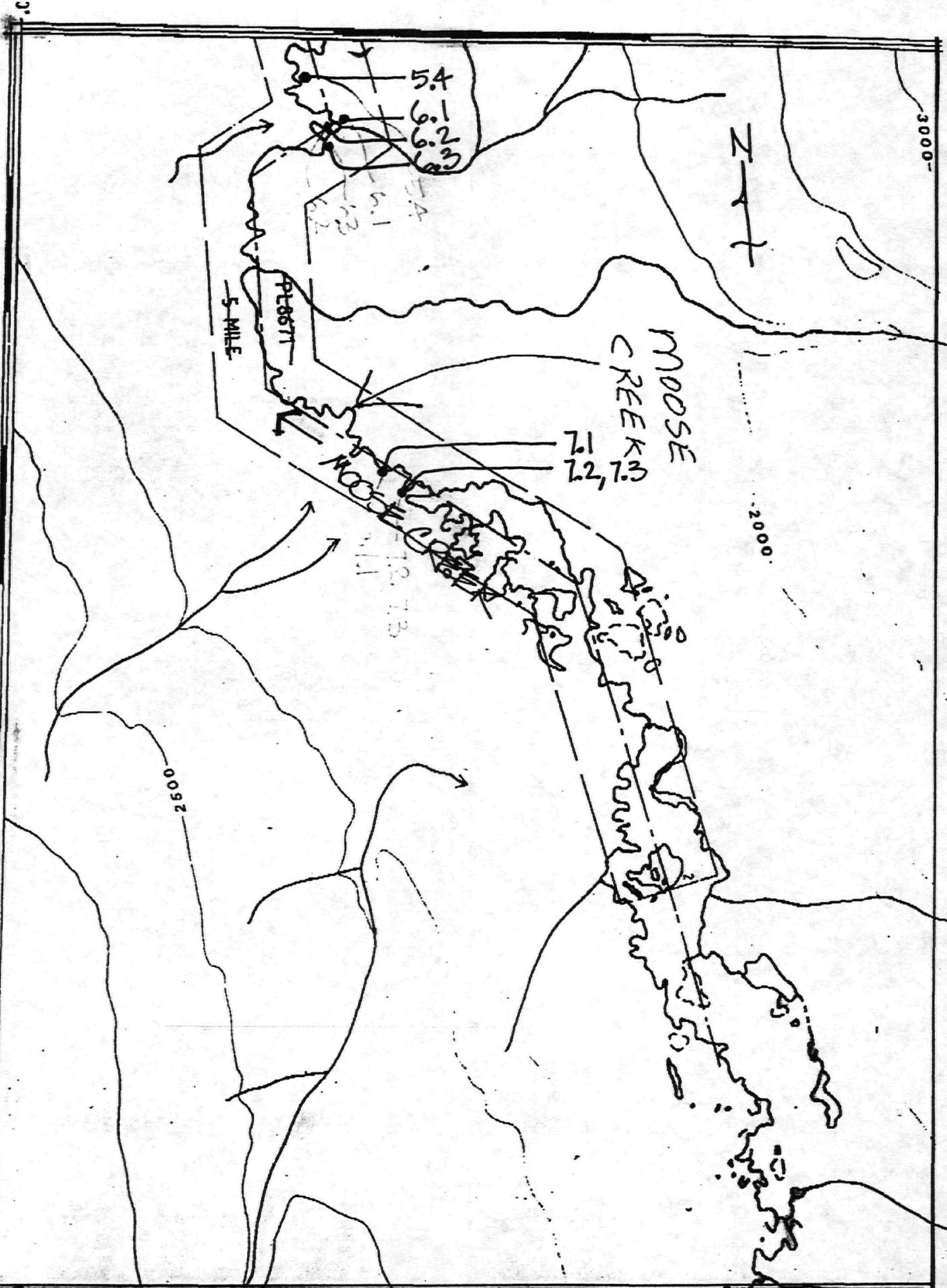


SAMPLE LOCATIONS - MOOSE CREEK SCALE 1 1/2 MI MAP 12

115-P-10

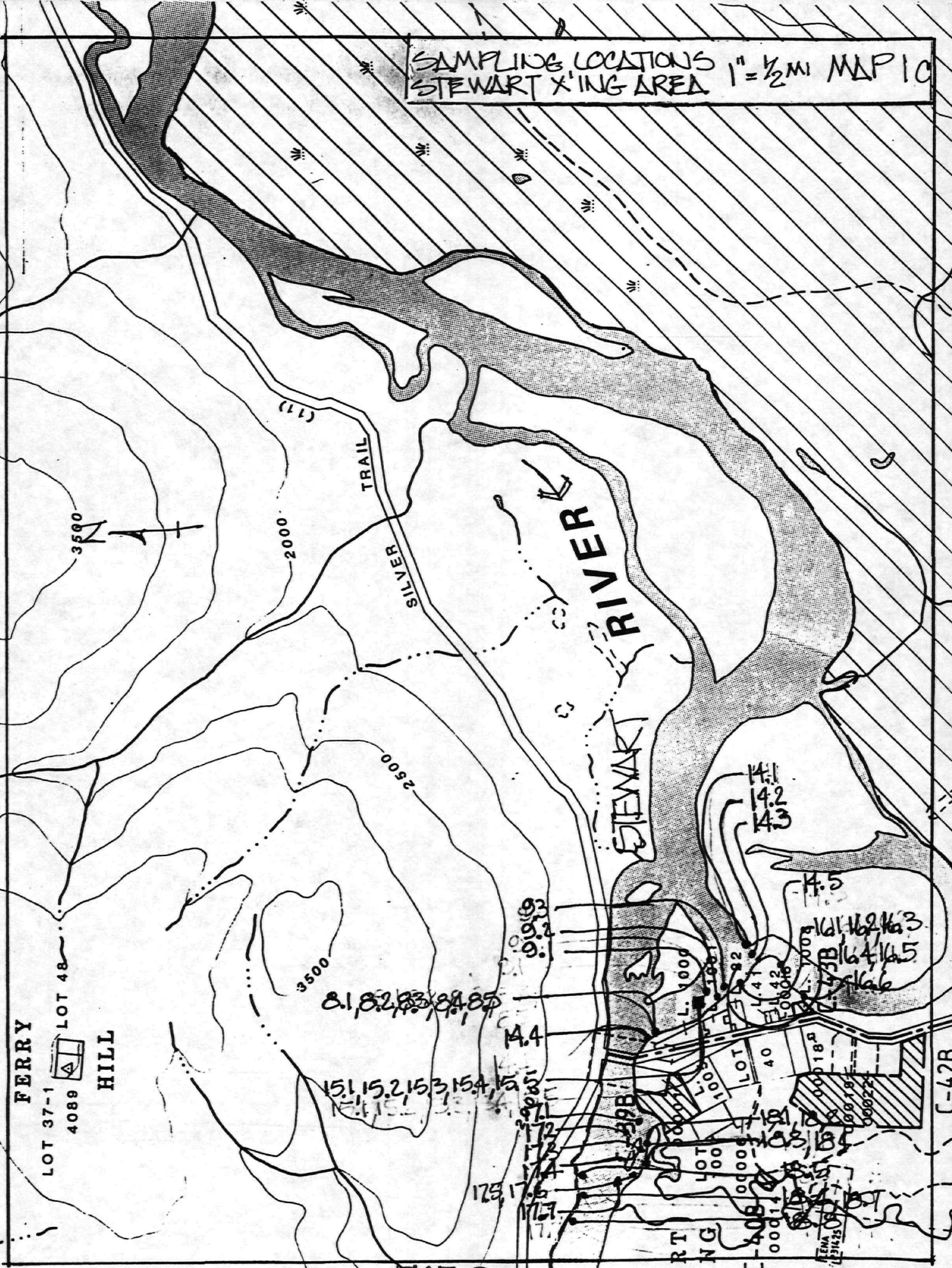
37°00'

55'



SAMPLING LOCATIONS - MOOSE CREEK (CONT'D) SCALE 1" = 1/2 MI MAP 112

SAMPLING LOCATIONS
STEWART X'ING AREA 1" = 1/2 MI MAP 10



FERRY HILL
LOT 37-1
4089
LOT 48

8.1, 8.2, 8.3, 8.4, 8.5

15.1, 15.2, 15.3, 15.4, 15.5

14.1
14.2
14.3

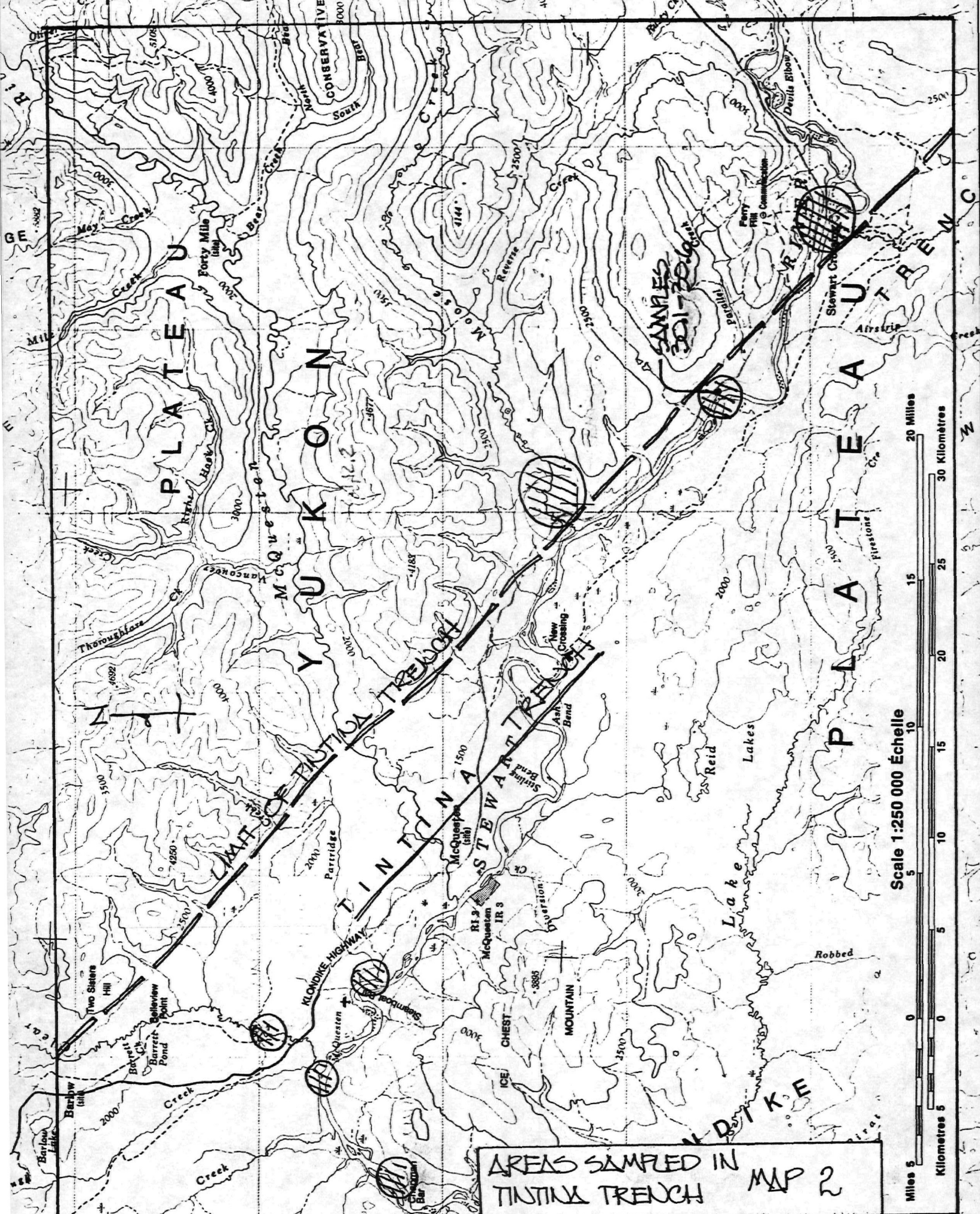
16.1, 16.2, 16.3
16.4, 16.5

17.1, 17.2, 17.3, 17.4, 17.5
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98.1, 98.2, 98.3, 98.4, 98.5
99.1, 99.2, 99.3, 99.4, 99.5
100.1, 100.2, 100.3, 100.4, 100.5

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AREAS SAMPLED IN
TINTINA TRENCH MAP 2



SAMPLING LOCATIONS-KLOUDIKE R & FLAT CREEK, TOTE TRAILS. MAP 3

PAGE 1

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Sampling Bar Gravel on the Stewart River



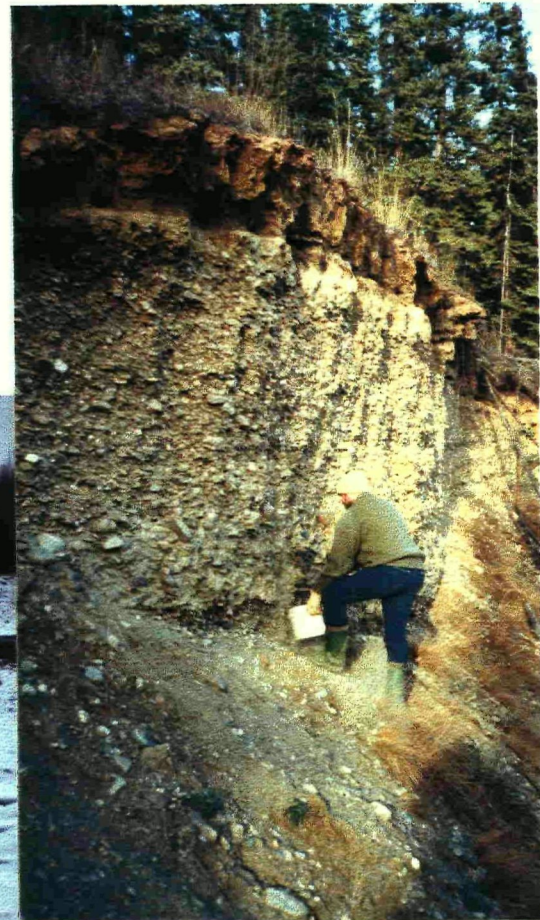
Typical Tintina Trench Gravels
This bank is approx. 100 ft. high.



View of the Massive Bar Deposits Built Up in the
Stewart River Channel



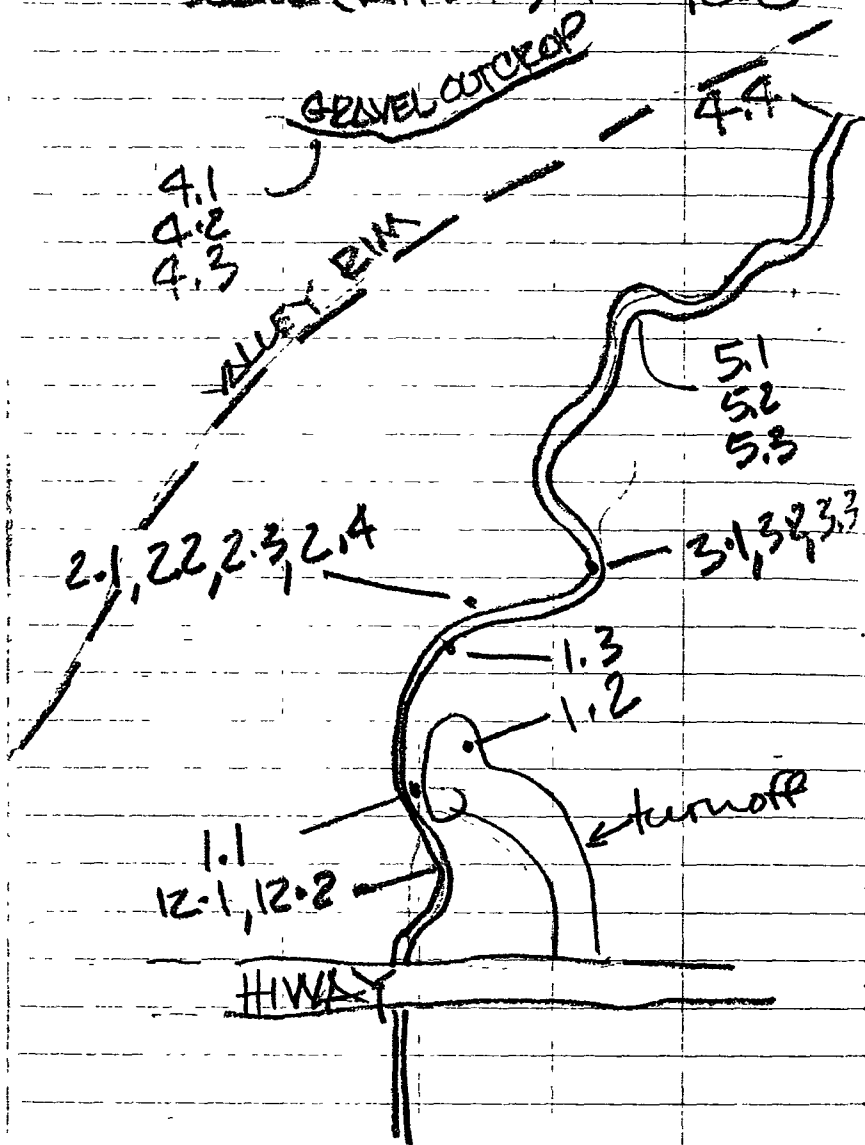
Sampling Bar Gravel on the Klondike River



Gravel Outcrop on Moose Creek

MAP 1 MOOSE CREEK

SCALE (APPENX) 1" = 1000'



June 16, 1993 DAY 1 ✓

MOOSE CK.

SAMPLES

1.1 small handful of surface gravel in parking area near water.

2 fine colours,

1.2 higher ground in parking area

0 colours, no heavies.

1.3 on creek bar approx 1' below surface

0 colours.

June 19, 1993. DAY 2 ✓
MOOSE CK.

Sample #

2.1 up creek approx 1/4
mile on right limit
bank ground
(cut bank, down
into gravel)
- 1 fine colour

2.2 same location where
gravel meets bank
- 1 fine colour

2.3 - same loc. 3ft depth
in gravel cut bank
- 2 fine colours.

2.4 - same loc at
water level
- 0 colours.

tight gravel - very
little black sand
approx 1/3 is - 1/4" ϕ

June 20 DAY 3. ✓
MOOSE CK.

Sample #

3.1 up est approx 2000'
on bar approx
1 1/2' below surface.
- 2 fine colours.

3.2 same hole
approx 2' below surf.
- 0 colours.

3.3 same hole
approx 3' below
surface in water
- 0 colours.

June 22 DAY 4. ✓

walked up creek
valley on right
limit side-hill
took 3 samples
from gravel on
hill side & packed
them out

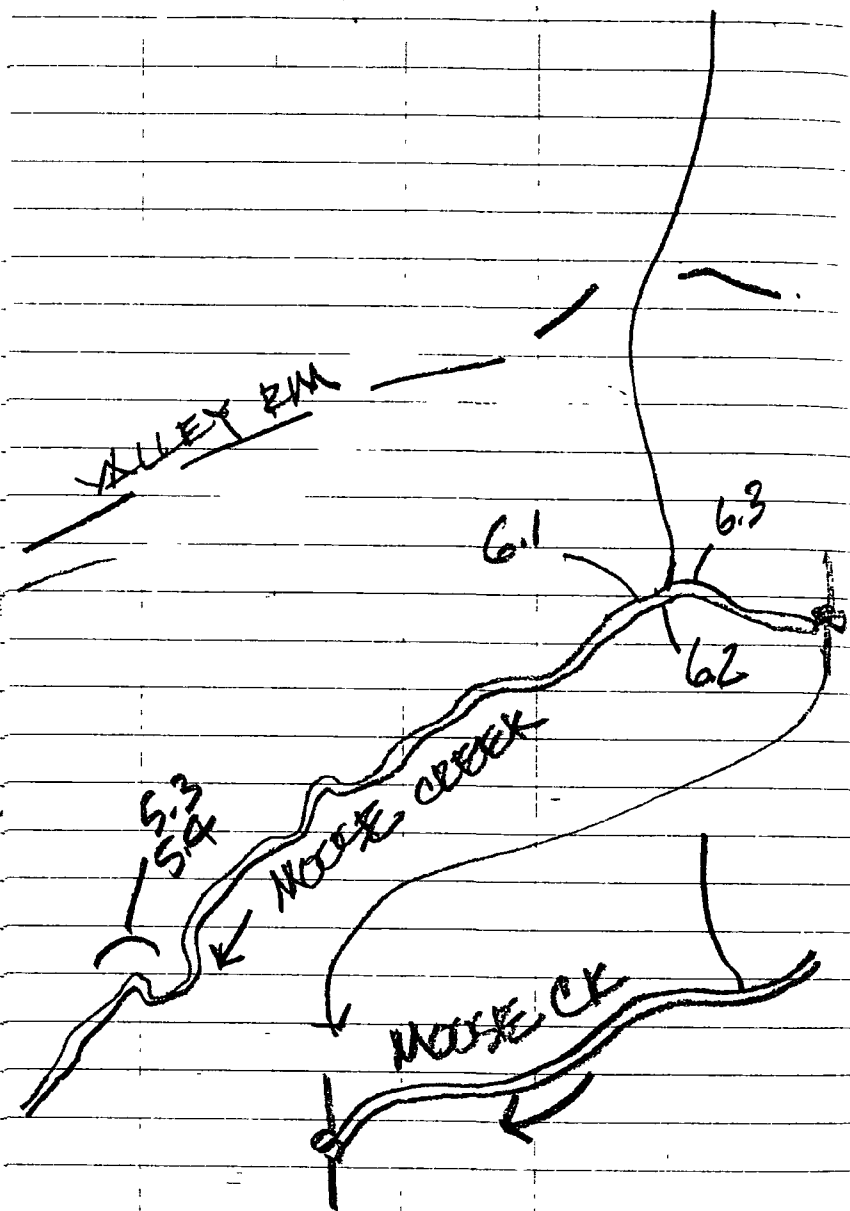
SAMP#

1. sample taken at base
of outcrop
- approx 10 lbs.
- 0 colour,
2. sample taken at
approx 3' above base
- approx 8 lbs.
- 1 very small colour
3. sample taken at
approx 100' upstream
from others at base
- approx 8 lbs
- 0 colour,

walked along
hillside to where
valley starts to
broaden

sample

4 approx 6 lbs
- 0 colour,
no black sand.



JUNE 23 MOOSE CK DAY 5
 "up creek approx 1. mile
 on gravel bar

Sample #

1. taken at surface
 small panful.
 no black sand or
 heavies
 - 0 colours.
2. taken 1 ft down
 on bar at water
 level. no heavy
 mins.
 - 0 colours.
3. taken in cut bank
 1 ft below mark
 - 2 very fine colours.
4. taken at contact
 between gravel & thick
 - 3 colours. (one large
 plate)

JUNE 24 MOOSE CK. DAY 6.

walked up creek
about 2 miles
to a small pass
on the EAST LIMIT.
took samples.

SAMP#

- 1 small painted,
- 2 very fine colours
- 2, small painted
- 4 fine colours
- 3 small painted
out of cut bank
- 0 colours

JUNE 27 MOOSE CK DAY 7.

walked up creek
along side hill.
to a small walking
in valley bottom -
swampy with deep
sloughs. took 3
samples approx
3 mi up.

7.1 - in creek bed.
small painted
- 2 small cols.

7.2 - in cut bank.
small painted.
- 0 colours.

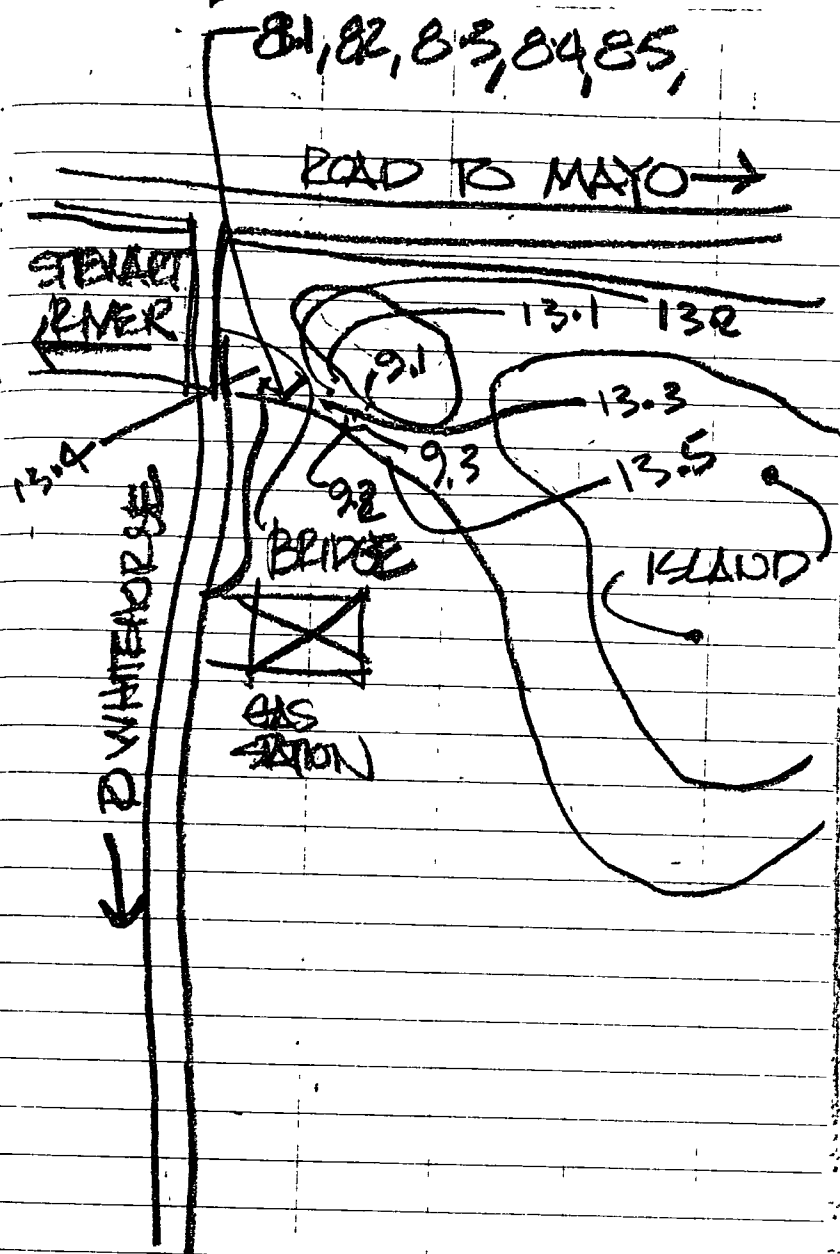
7.3 in cut bank
- 0 colours

• JULY 4 STEWART RIVER DAY 8 ✓

stewart crossing
upstream of bridge
on bars,

SAMP#

1. small patch ~ 7 lbs.
- 3 fine colour.
2. small pan
- 0 colour.
3. out of bank @
3' down
- 1 colour
(2 flakes)
4. out of bank @
6' down
- 3 colour.
5. out of bank
at center of bottom
nick & gravel
- 11 colour.



July 12 STEWART R. DAY 9. ✓

Bar samples.

9.1 off surface near
water

- 7 colours
very fine little
black sand.

9.2 off surface near
bank

- 3 colours.

9.3 middle of bar

- 4 colours
1 flake.

AUG 15 STEWART RIVER. DAY 10

Went downtown with
Bruce McPherson
to look at bars.

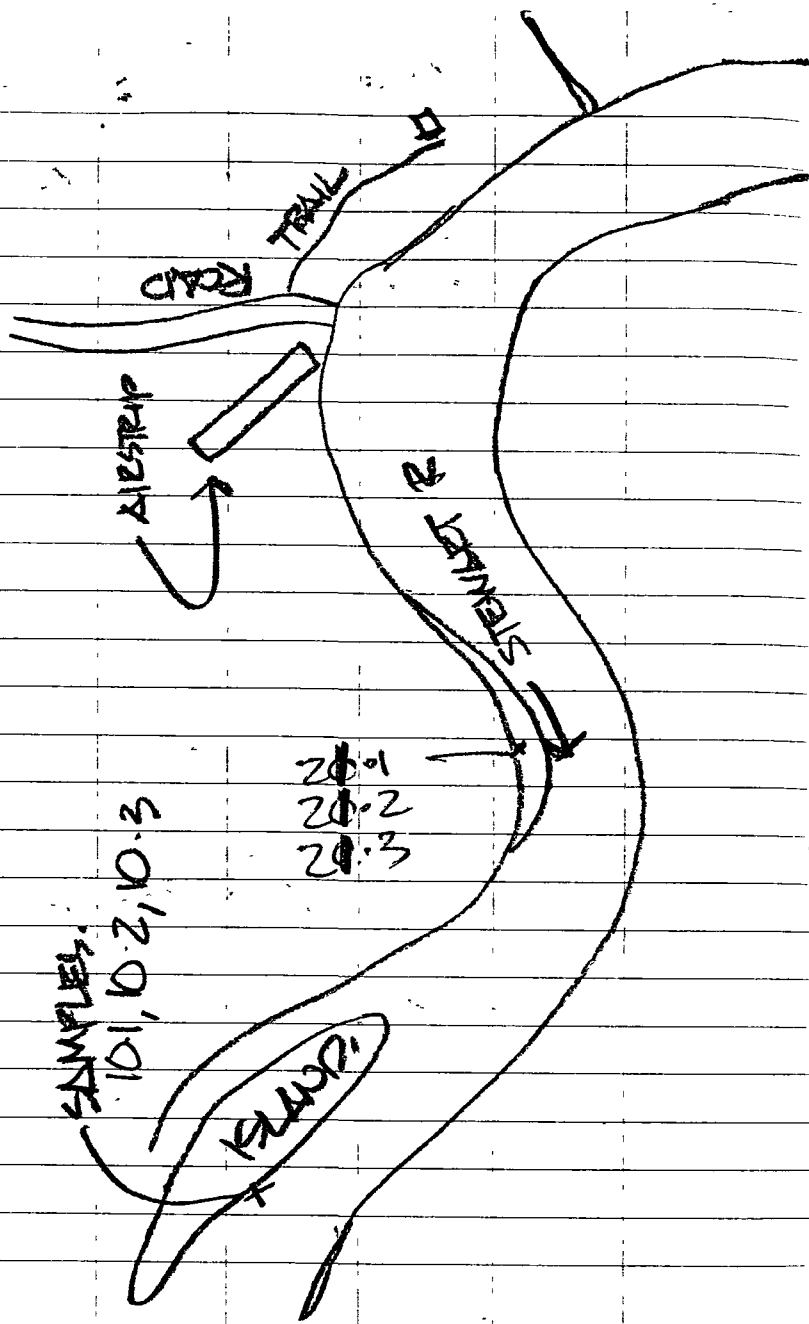
Sample#

10.1 on island approx
5 miles down stream
of airport.

- 150+ colours.
good size flakes.
lots of black sand.

10.2 - 150+ colours,
good size flakes.

10.3 - 100+ colours.



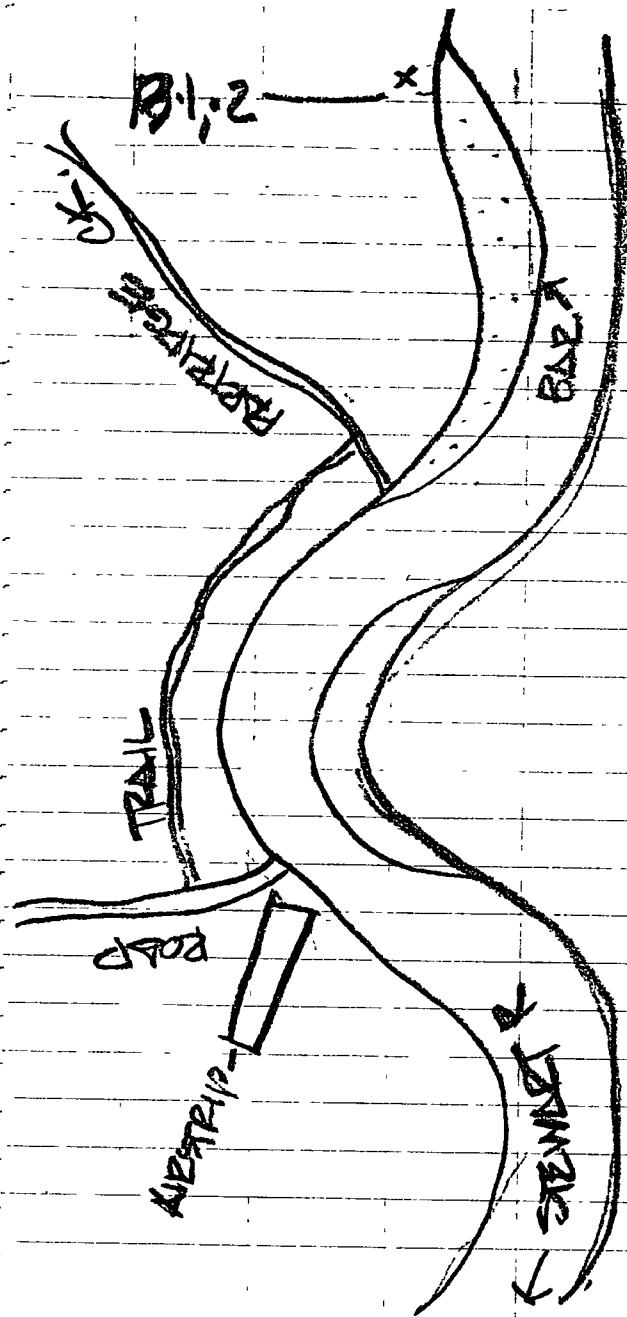
AUG 16 STEWART DAY 11
 went further down river by boat to approx 5 mi below Chapman Bay. Stayed at Bruce's over night.

AUG 24 MOOSE CK DAY 12 ✓

Sample #

12.1 in bank gravel sloughing from cut bank!
 - 2 fine colours.

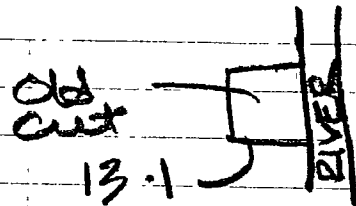
12.2 panned down one 10 litre pail
 - 3 fine colours.



AUG 25 STEWART RIVER DAY 13

SMP#

13.1 in old abandoned
cut face at contact
between musk
& gravel



- 13.1
- 13.2
- 13.1 colours +
lots of big flakes.

13.2 - 13.2 colours +
good size flakes.

OCT 5 STEWART R. DAY 14 ✓

Sampling upstream
of Stewart Xing
bridge. Very low
water.

SAMPLE

14.1 off surface of bar
small panful
w/ 1 lb
- 3 fine colours.

14.2 off surface
small pan.
- 4 very fine cds.

14.3 surface
small pan.
- 0 colours.

14.4 surface of bar
- 4 colours?
(1 flake)

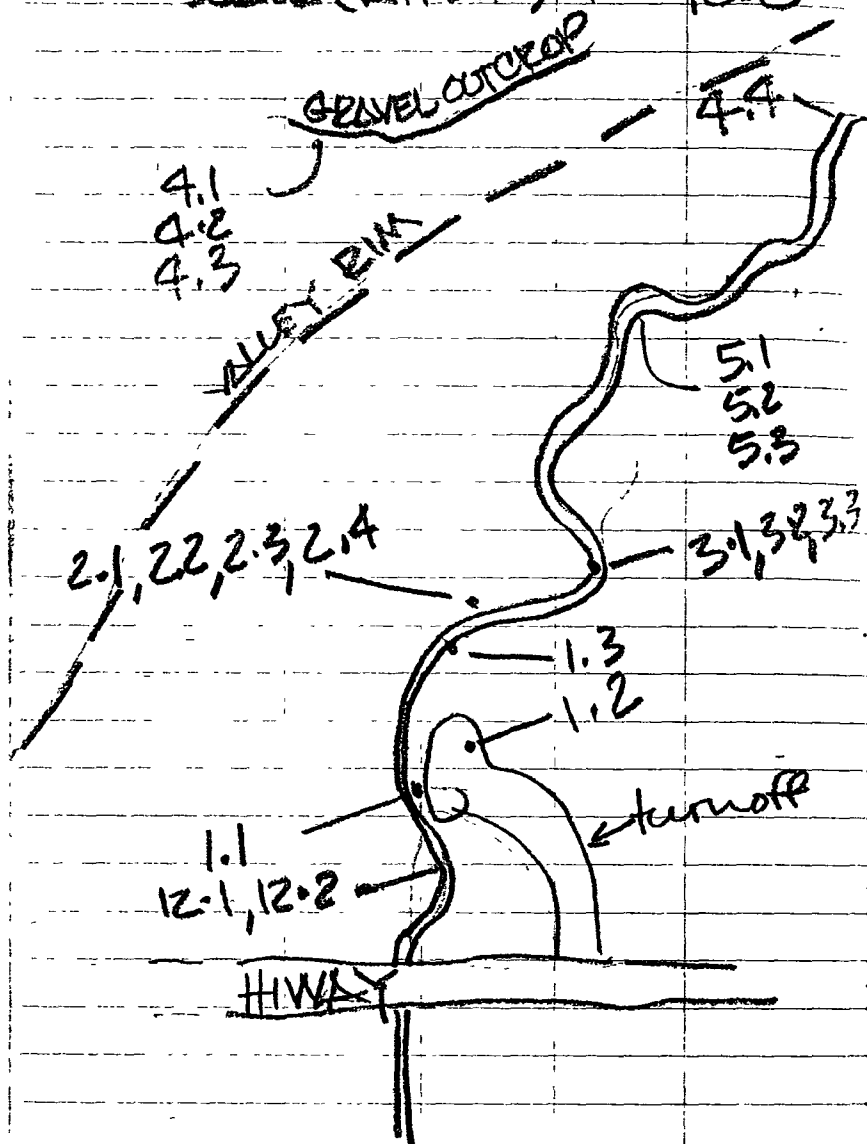
14.5 out of bank
approx 3' down

- 11 fine colours.

big bars & lots of dry
channels here.
surface shows
look good.

MAP 1 MOOSE CREEK

SCALE (APPROX) 1" = 1000'



June 16, 1993 DAY 1 ✓

MOOSE CK.

SAMPLES

1.1 small handful of surface gravel in parking area near water.

2 fine colours,

1.2 higher ground in parking area

0 colours, no heavies.

1.3 on creek bar approx 1' below surface

0 colours.

June 19, 1993. DAY 2 ✓
MOOSE CK.

Sample #

2.1 up creek approx 1/4
mile on right limit
bank ground
(cut bank, down
into gravel)
- 1 fine colour

2.2 same location where
gravel meets bank
- 1 fine colour

2.3 - same loc. 3ft depth
in gravel cut bank
- 2 fine colours.

2.4 - same loc at
water level
- 0 colours.

tight gravel - very
little black sand
approx 1/3 is - 1/4" ϕ

June 20 DAY 3. ✓
MOOSE CK.

Sample #

3.1 up est approx 2000'
on bar approx
1 1/2' below surface.
- 2 fine colours.

3.2 same hole
approx 2' below surf.
- 0 colours.

3.3 same hole
approx 3' below
surface in water
- 0 colours.

June 22 DAY 4. ✓

walked up creek
valley on right
limit side-hill
took 3 samples
from gravel on
hill side & packed
them out

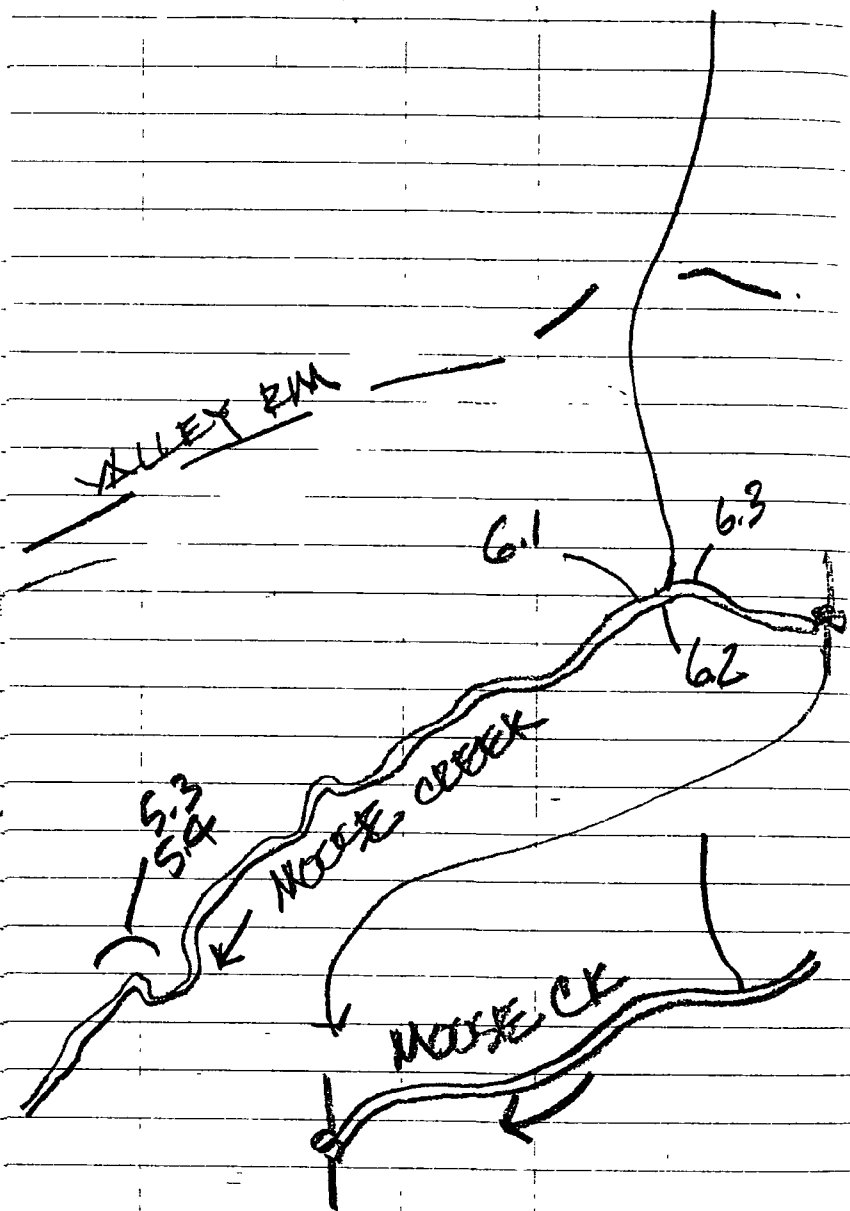
SMP#

1. sample taken at base
of outcrop
- approx 10 lbs.
- 0 colour,
2. sample taken at
approx 3' above base
- approx 8 lbs.
- 1 very small colour
3. sample taken at
approx 100' upstream
from others at base
- approx 8 lbs
- 0 colour,

walked along
hillside to where
valley starts to
broaden

sample

4 approx 6 lbs
- 0 colour,
no black sand.



JUNE 23 MOOSE CK DAY 5
 "up creek approx 1. mile
 on gravel bar

Sample #

1. taken at surface
 small panful.
 no black sand or
 heavies
 - 0 colours.
2. taken 1 ft down
 on bar at water
 level. no heavy
 mins.
 - 0 colours.
3. taken in cut bank
 1 ft below mark
 - 2 very fine colours.
4. taken at contact
 between gravel & thick
 - 3 colours. (one large
 plate)

JUNE 24 MOOSE CK. DAY 6.

walked up creek
about 2 miles
to a small pump
on the EAST LIMIT.
took samples.

SAMP#

- 1 small painted,
- 2 very fine colours
- 2, small painted
- 4 fine colours
- 3 small painted
out of cut bank
- 0 colours

JUNE 27 MOOSE CK DAY 7.

walked up creek
along side hill.
to a small walking
in valley bottom -
swampy with deep
sloughs. took 3
samples approx
3/4 mile up.

7.1 - in creek bed.
small painted
- 2 small cols.

7.2 - in cut bank.
small painted.
- 0 colours.

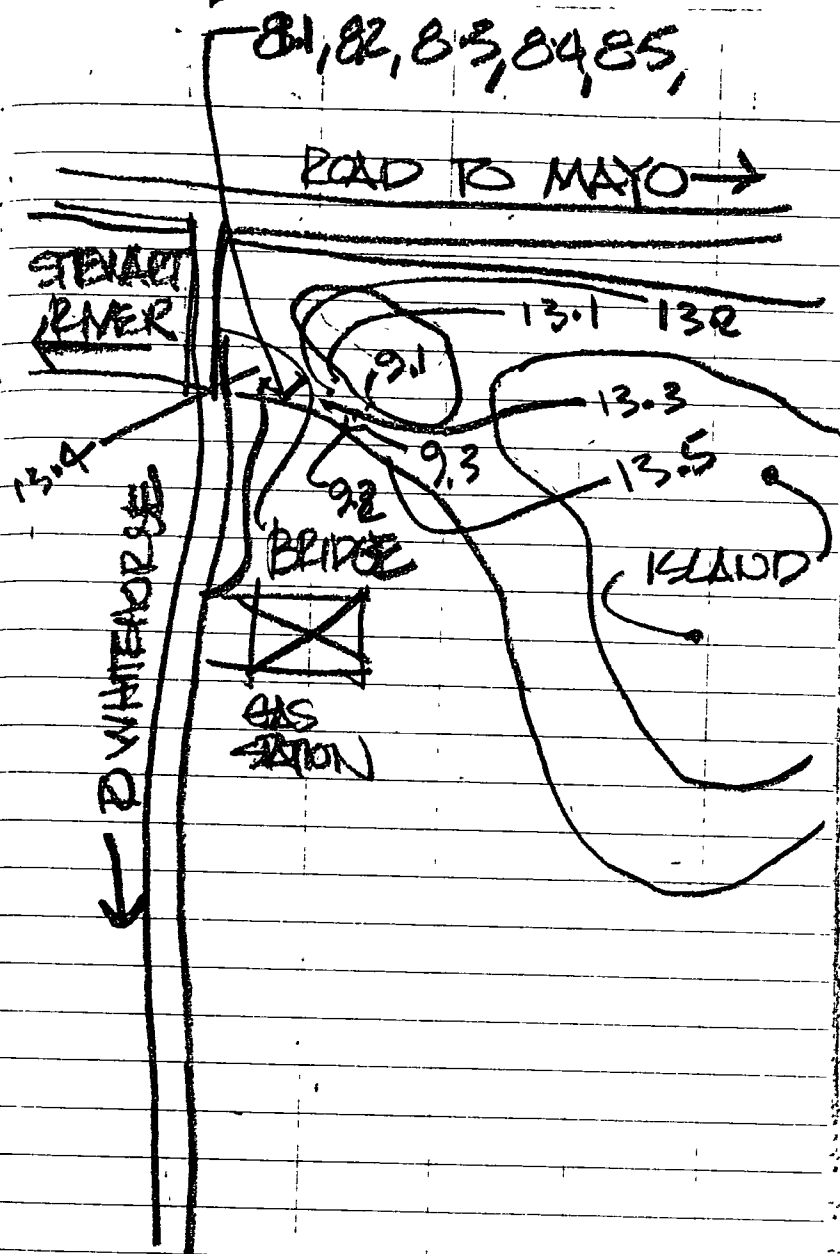
7.3 in cut bank
- 0 colours

• JULY 4 STEWART RIVER DAY 8 ✓

stewart crossing
upstream of bridge
on bars,

SAMP#

1. small patch ~ 7 lbs.
- 3 fine colours.
2. small pan
- 0 colours.
3. out of bank @
3' down
- 1 colour
(2 flakes)
4. out of bank @
6' down
- 3 colours.
5. out of bank
at center of bottom
nick & gravel
- 11 colours.



July 12 STEWART R. DAY 9. ✓

Bar samples.

9.1 off surface near
water

- 7 colours
very fine little
black sand.

9.2 off surface near
bank

- 3 colours.

9.3 middle of bar

- 4 colours
1 flake.

AUG 15 STEWART RIVER. DAY 10

Went downtown with
Bruce McPherson
to look at bars.

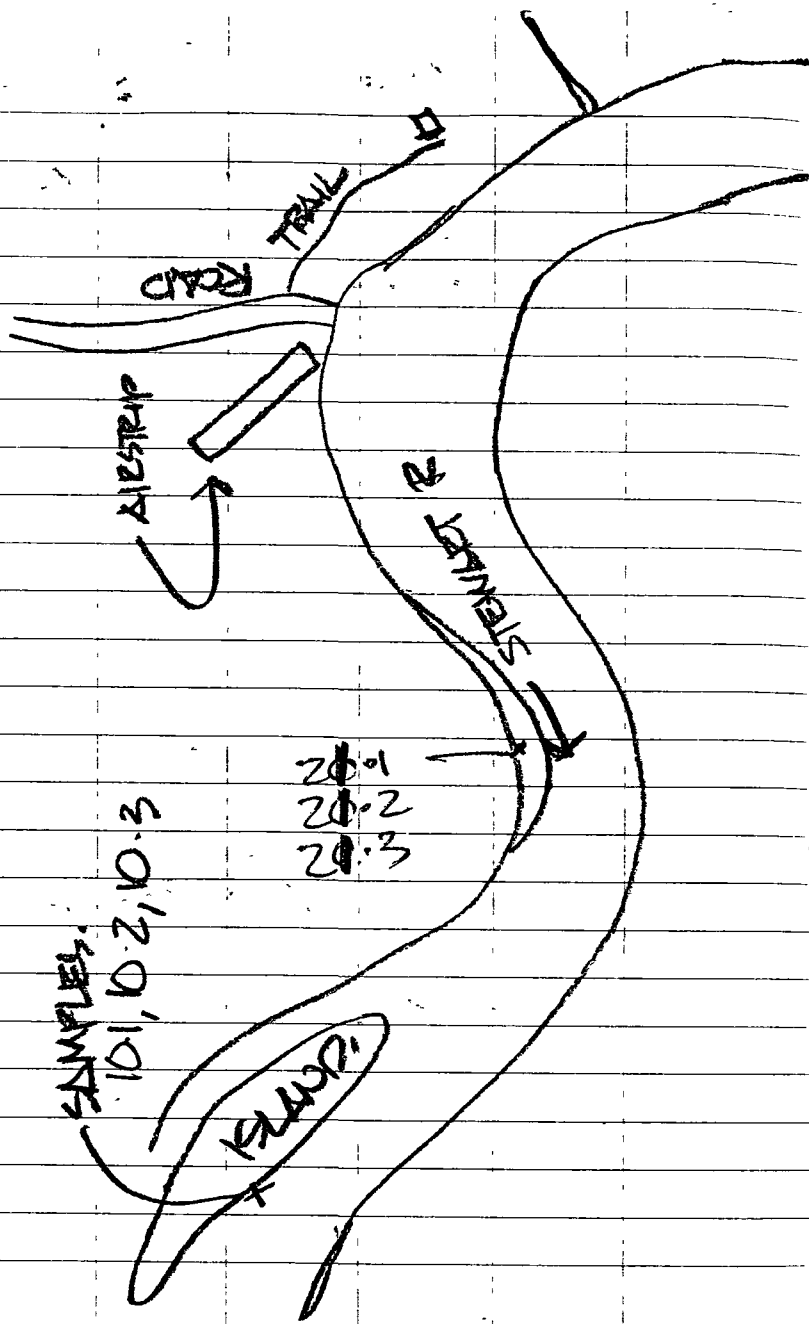
Sample#

10.1 on island approx
5 miles dn. stream
of airport.

- 150+ colours.
good size flakes.
lots of black sand.

10.2 - 150+ colours,
good size flakes.

10.3 - 100+ colours.



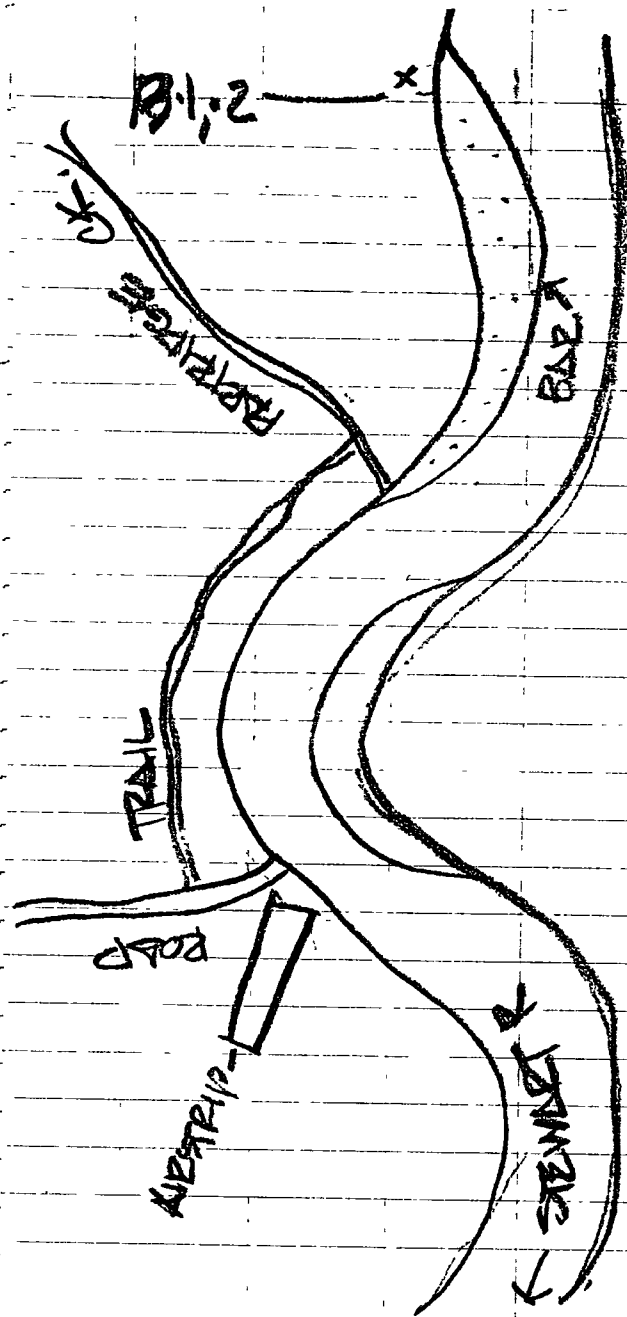
AUG 16 STEWART DAY 11
 went further down river by boat to approx 5 mi below Chapman Bay. Stayed at Bruce's over night.

AUG 24 MOOSE CK DAY 12 ✓

Sample #

12.1 in bank gravel sloughing from cut bank!
 - 2 fine colours.

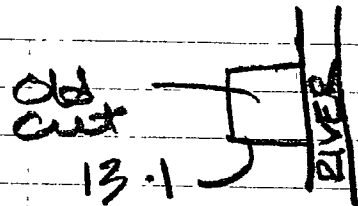
12.2 panned down one 10 litre pail
 - 3 fine colours.



AUG 25 STEWART RIVER DAY 13

SMP#

13.1 in old abandoned
cut face at contact
between musk
& gravel



- 130 colours +
lots of big flakes.

13.2 - 130 colours +
good size flakes.

OCT 5 STEWART R. DAY 14 ✓

Sampling upstream
of Stewart Xing
bridge. Very low
water.

SAMPLE

14.1 off surface of bar
small panful
w/ 1 lb
- 3 fine colours.

14.2 off surface
small pan.
- 4 very fine cols.

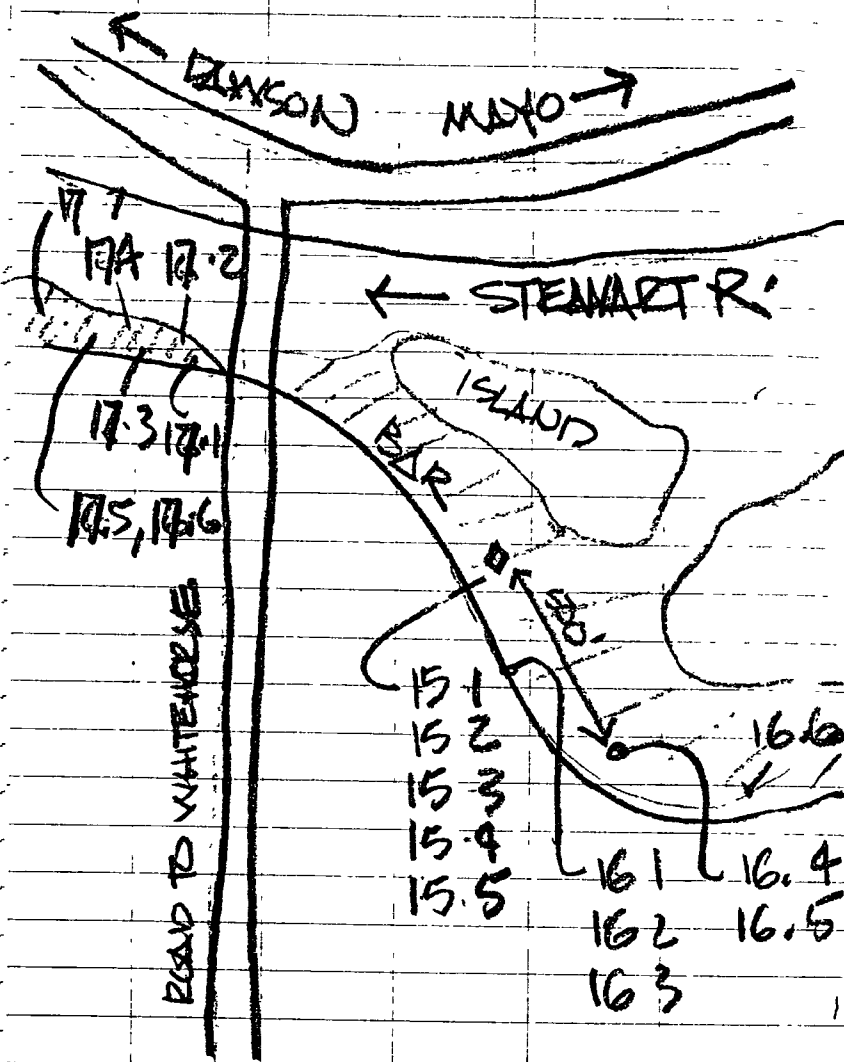
14.3 surface
small pan.
- 0 colours.

14.4 surface of bar
- 4 colours?
(1 flake)

14.5 out of bank
approx 3' down

- 11 fine colours.

'big bars & lots of dry
channels here.
surface shows
look good.



OCT 7 STEWART R. DAY 15.

Sampling in a
 pit dug in dry
 channel upstream
 of bridge

Sample#

15.1 from surface
 small pan
 ~ 7 lbs.
 - 13 colours,
 (2 flakes)

15.2 from approx 1' down
 in pit
 - 9 colours,
 (2 flakes)

15.3 approx 18" down
 - 11 colours,
 very fine

15.4 about 2' down.
- 4 colour,
(1 flake)

15.5 about 2' ran
into water
- 3 colour,
(very fine)

16.2 out of bank @
same location
approx 3' below
mud.
- 2 fine colour,

16.3 out of bank same
spot about 5' down
- 0 colour,

OCT 8 STEWART R DAY 16^v

sampling bank
gravel upstream
of bridge at Stewart
King

sampling on bar
upstream of bridge

16A on gravel surface
- 6 colour,
(2 flakes.
lots of broken suds)

SAMP#

16.1 out of bank approx
1' below mud
715 approx
- 3 fine colours.

16.5 1' down same
location @ water
level. 716 painful.
- 9 colour (fine)

SAMPLE

16.6 on bar, surface

7 lb. panned

- 3 fine colours.

walked another

1/2 miles up the

river on the

left limit lots of

bar gravel available

here at low water.

OCT. 9 STEWART R. DAY 17.

on left limit bar

downstream of

bridge. All samples

with small gold

pan - 7 lb gravel

SAMPLE

17.1 3 colours.

17.2 7 colours.
(2 flakes)

17.3 6 colours
very fine

17.4 4 colours.

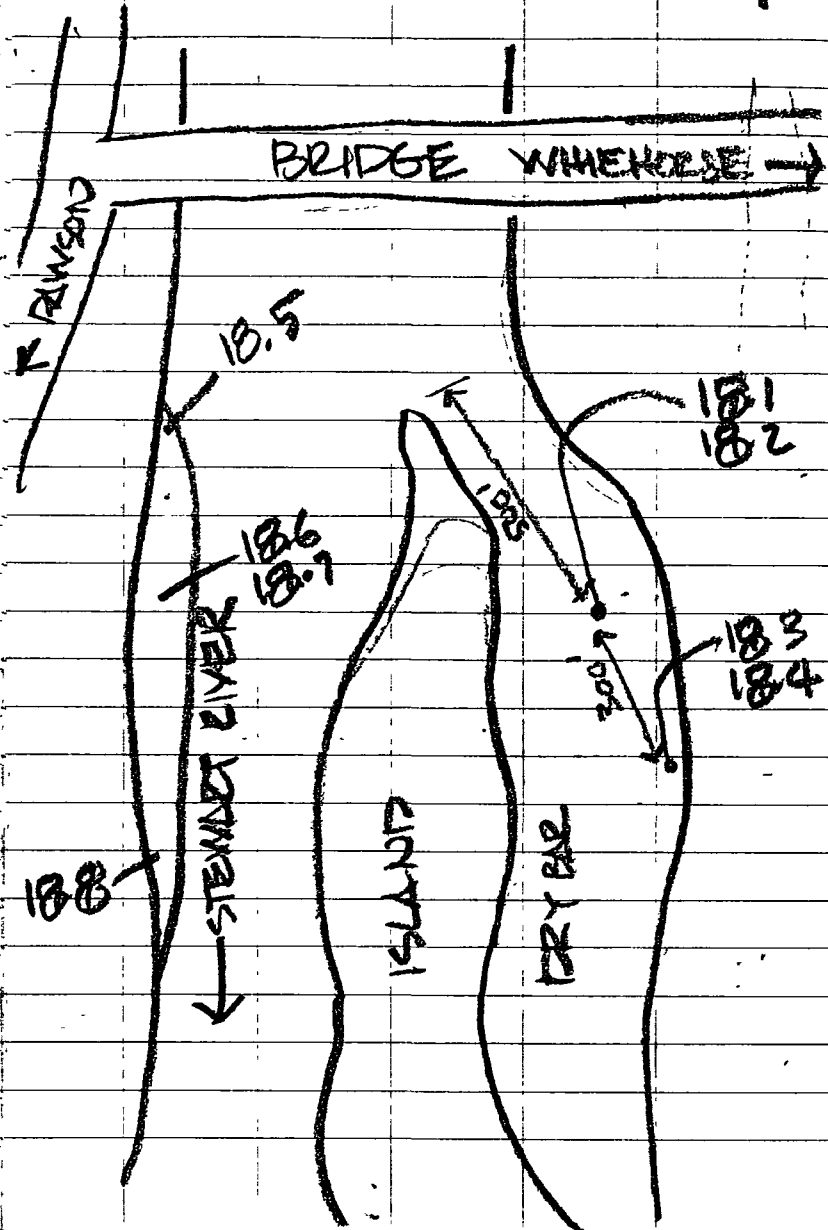
17.5 - 13 colours.

17.6 - examine hole as
sample 5 about
1 ft deep, hit water
10 colours.
(1 flake.)

17.7 0 colours.

pretty good values
on surface but
bar would be
submerged most
of the year.

OCT. 10 STEWART RIVER DAY 18



Sampling on bar
down stream of
bridge.

Sample

B.1 on surface with
small pan.
- 2 colours.

B.2 1ft down at water
level, same place.

- 0 colours.

B.3 out of gravel
bank at surface
of gravel.

- 17 colours.
(2 flakes)

B.4 out of gravel
bank 5' down.
- 0 colours.

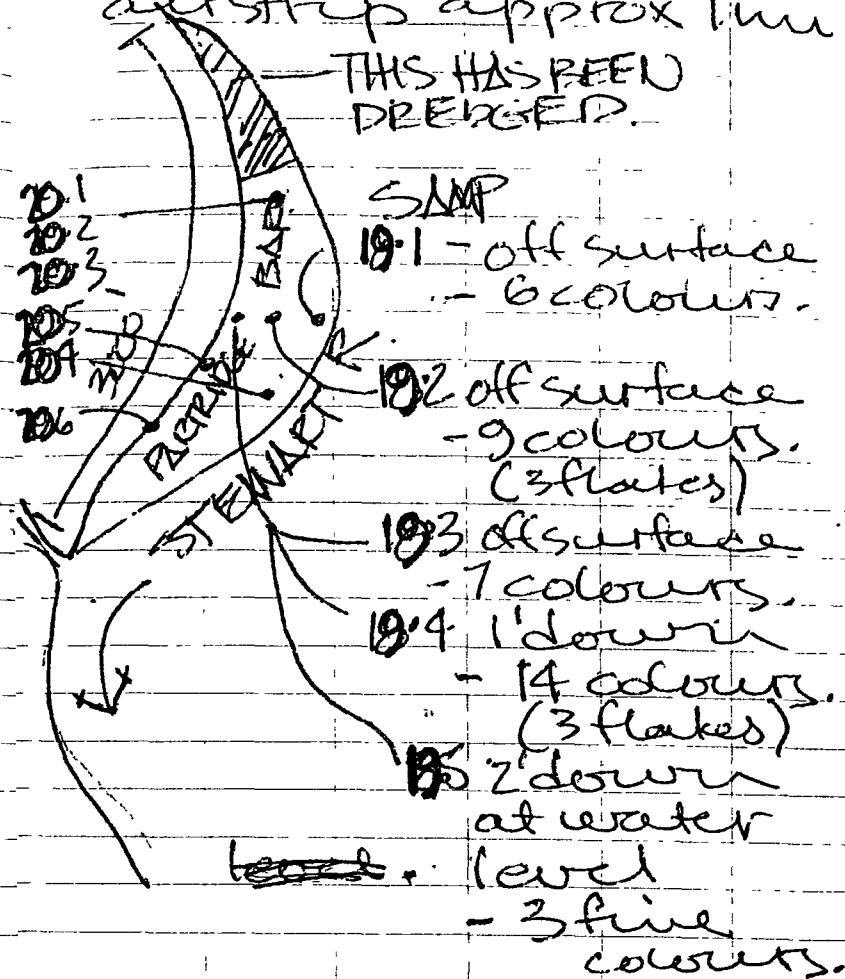
Sampling on
right limit bar
just down stream
of bridge

9/17/74

- 185 at tip of bar
surface gravel,
small pebbles
- 0 colours
- 186 mid bar
surface gravel,
- 2 very fine cts.
- 187 same place 1' down
- 0 colours

OCT. 11 STEWART RIVER DAY 1974

Sampling on
river bar (Partridge
Bar) upstream of
airstrip approx 1 mi.



good looking prospect
on Partridge bar.
top end has been
dredged (tailings
are obvious)

Water very low
width of bar at
low water is 450'
length is 3000'

OCT 12 STEWART RIVER DAY

more pans on
partridge bar
all samples
approx 7 lb.

Sample#

- 20.1 - 7 colours (surface)
- 20.2 - 6 colours (1' down)
- 20.3 - 2 colours (at water
2' down)
- 20.4 - 6 colours (1 flake)
- 20.5 - 11 colours (4 flakes)

Sample#

~~20.6~~ out of bank approx
20.6 3 down
- 2 colours very fine

~~20.7~~ out of bank at
20.7 contact with bank
- 1 very fine colour

OCT 13 STEWART RIVER DAY
CLEAR CK.

drove up clear
creek road looked
at zinc creek.
mostly frozen
ground up here.

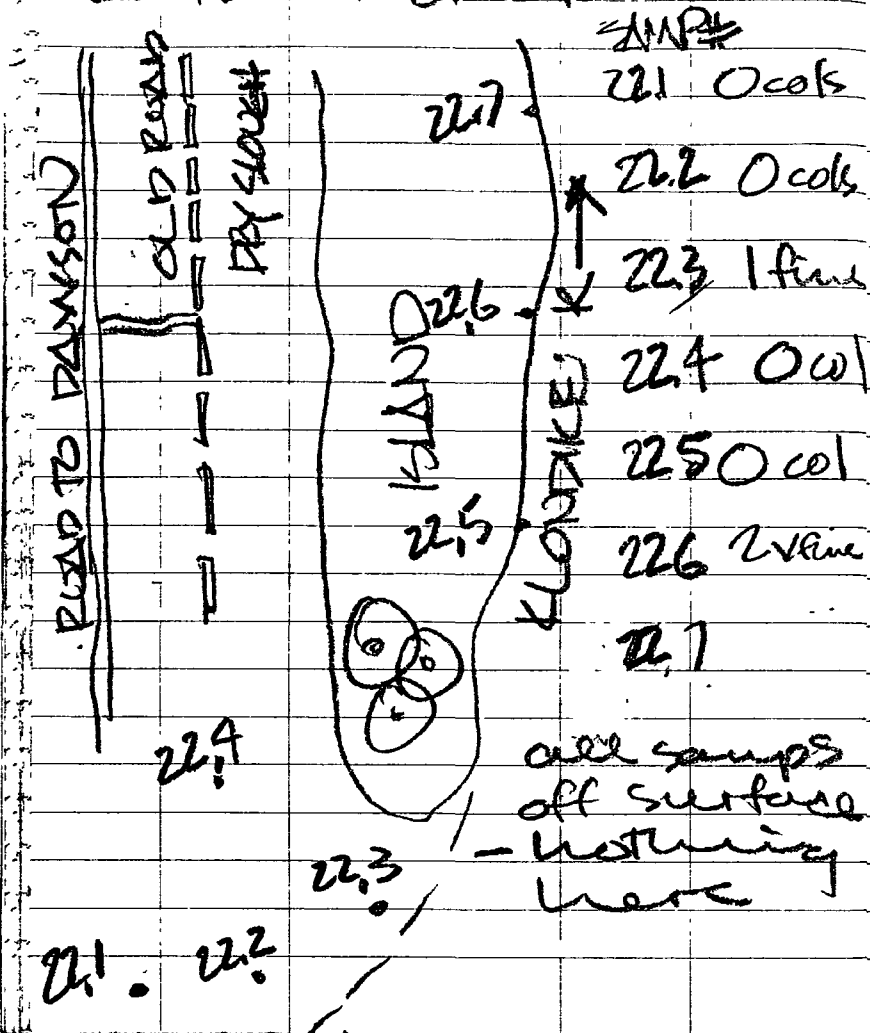
took samples on
bar approx 1 mile
downstream from
airstrip.

Sample#

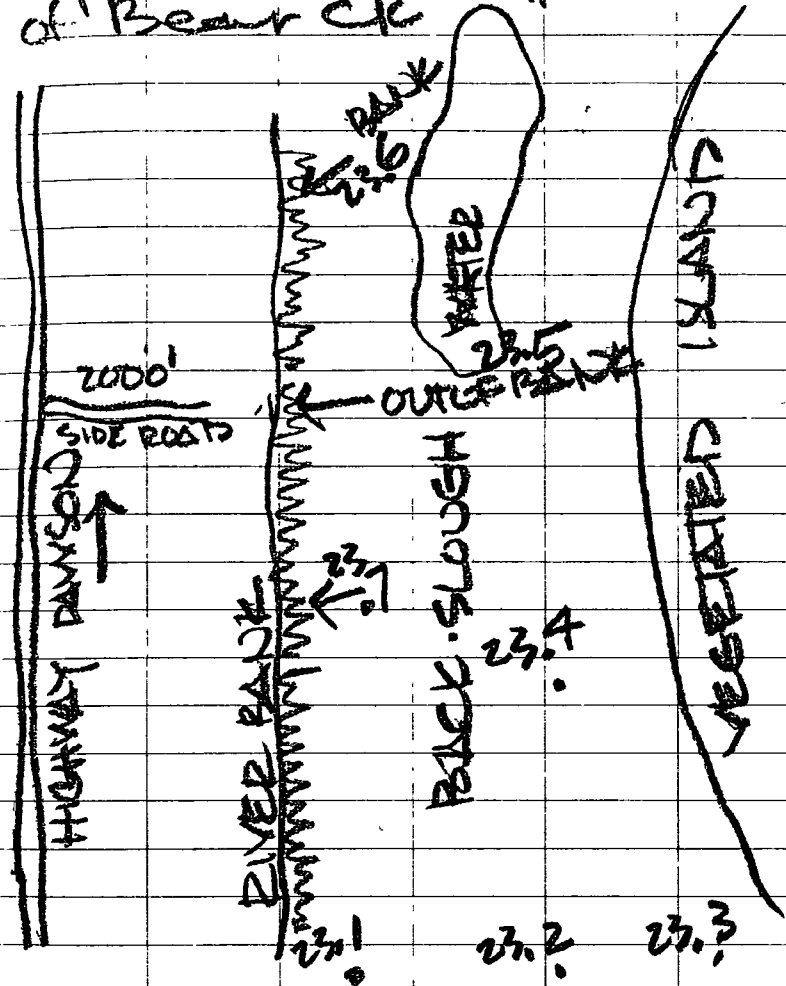
- 20.1 100+ colours.
- 20.2 150+ colours.
- 20.3 100+ colours.

11/20/01
DAN
CHAD
FOR

OCT 16 KLOONKE RIVER DAY 21
 samples off of bar
 & back channel
 approx 5 mi up stream
 of Bear Creek



OCT. 17 KLOONKE RIVER DAY 23
 samples off of another
 bar on fluvial site
 approx 10 mi up river
 of Bear Ck



SAMP#

23.1 0 colours.

23.2 0 colours.

23.3 0 colours.

23.4 0 colours.

23.5 2 very fine colours.

23.6 0 colours.

23.7 1 very fine

OCT 18 CLEAR CK DAY 24

drove up clear ck road from highway, brushed out willows & trees across road. no samples. Road checked for approx 7 mi. to just beyond Bellevue Pt.

OCT 23 CLEAR CK. DAY 25

Sampling in cut - bank approx 1/2 mi up road from highway.

SAMP#

25.1 2 very fine colours

25.2 0 colours, approx 2' down in gravel in cut bank

25.3 4 colours. - 1 flaky, about contact between much gravel.

25.4 9 colours and 2 flakes out of a 2 1/2' gravel pit of gravel about 1 1/2' down in cut bank.

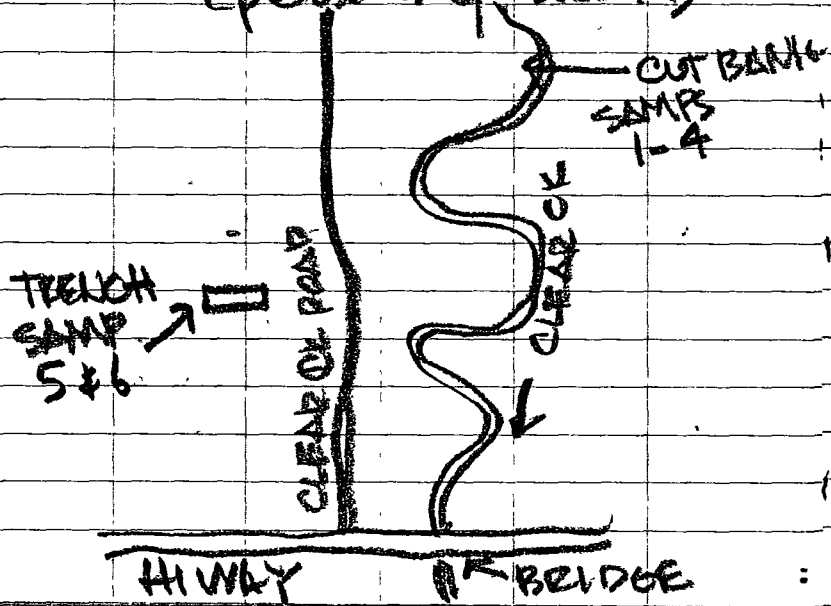
CLEAR CK DAY 25.

samples out of old
cut trench, about
1 mi up road from
highway

SAMP#

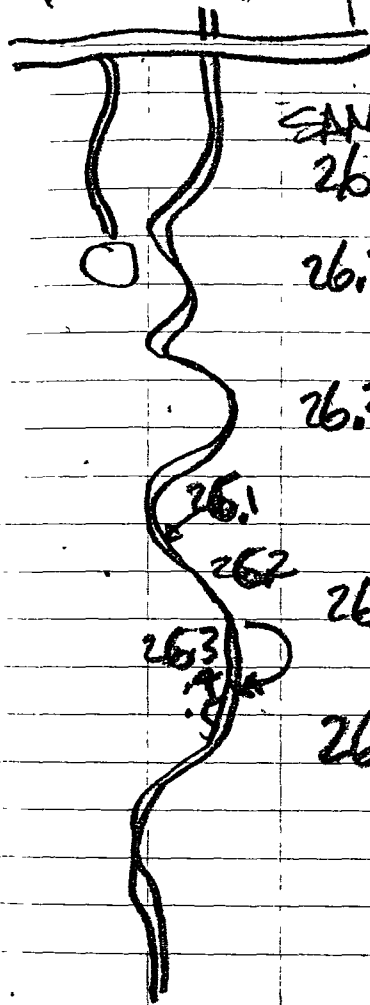
25.5 2 fine colours
about 3' down
in gravel.

25.6 0 colours.
about 6' down
in trench.
(probably sluff.)



OCT 24 FLAT CK, DAY 26.

sampling up flat
CK. approx 1 mi upstream.
From highway crossing



SAMP#

26.1 2 fine cols
of surface

26.2 1 colour
in cut bank

26.3 3 colours.
(1 fine) out
of cut bank

26.4 11 fine cols.
out of 2 1/2 gal

26.5 3' cols out
of 2 1/2 gal
in cut bank

OCT 25 STEWART R. DAY 27

walked up down road that takes off from gravel pit & goes down river to Independence ck. to check out accessibility of bars. road good for approx 1 1/2 mi then a swampy good from. the swamp for as far as I went (approx 3 mi).

samples off of small bar by rock bluff on right bank (small run)

Sample

27.1	7 cols] all off of surface.
27.2	6 cols.	
27.3	4 cols	

OCT 26 STEWART R. DAY 28

camping on bars around mouth of Clear Creek

Bar down stream of creek mouth

Sample

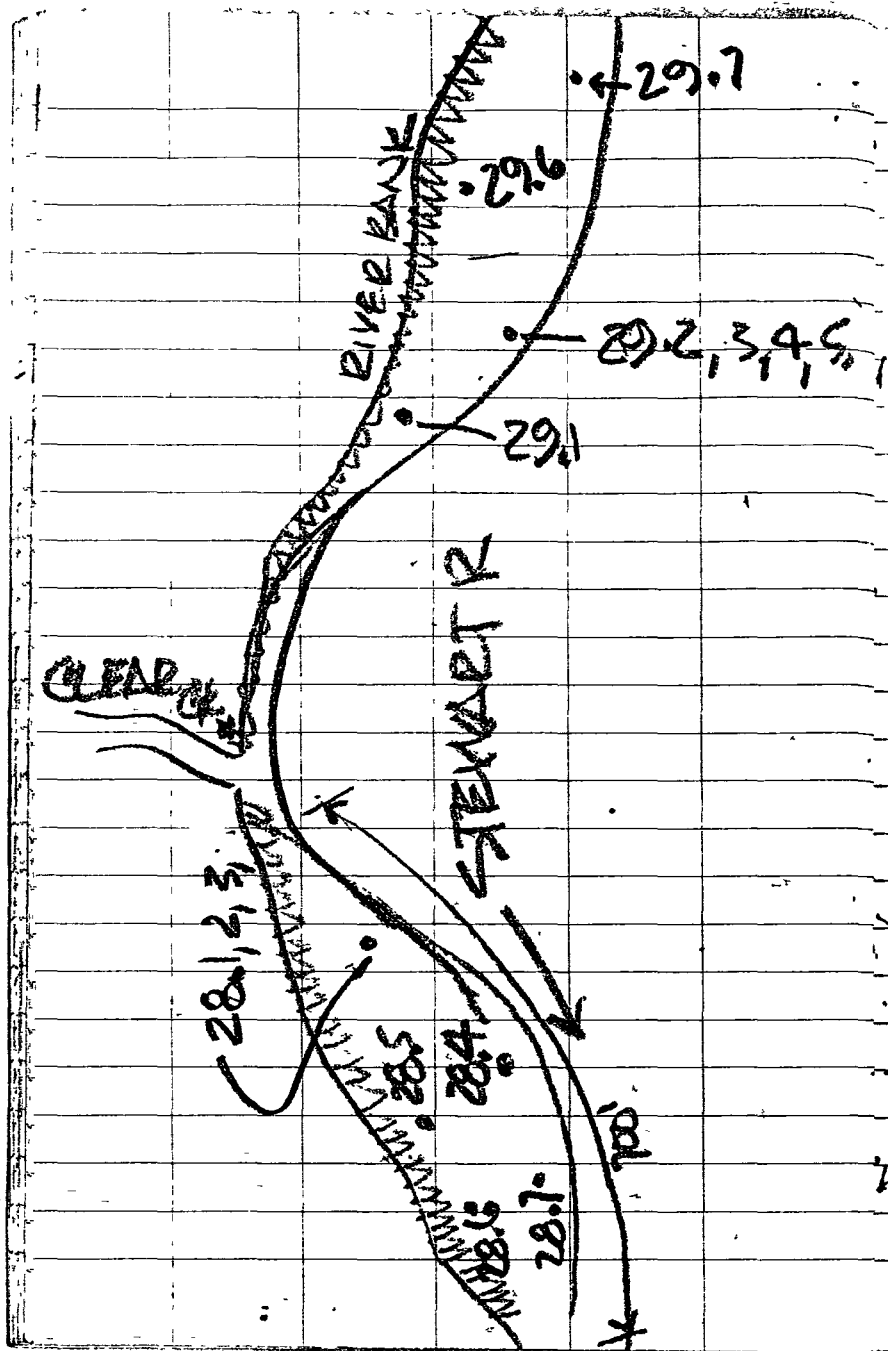
28.1 2 fine colours off top

28.2 3 fine colours du. about 8" in gravel

28.3 19 fine colours. down 1 1/2' out of 2 1/2 gal pan of gravel.

28.4 0 colours.

28.5 9 colours (2 flakes)



SAMP#

28.6 3 fine cols.

28.7 2 fine colours.

all camp, except
28.3 are small pan

OCT 27 STEWART R. DAY 20

Bar sampling on
river upstream of
Clear Creek

SAMP#

29.1 0 colour surface

29.2 3 fine cols. surface

29.3 2 fine cols 1' down
in gravel

29.4 3 flakey colours,
about 1 1/2' down.

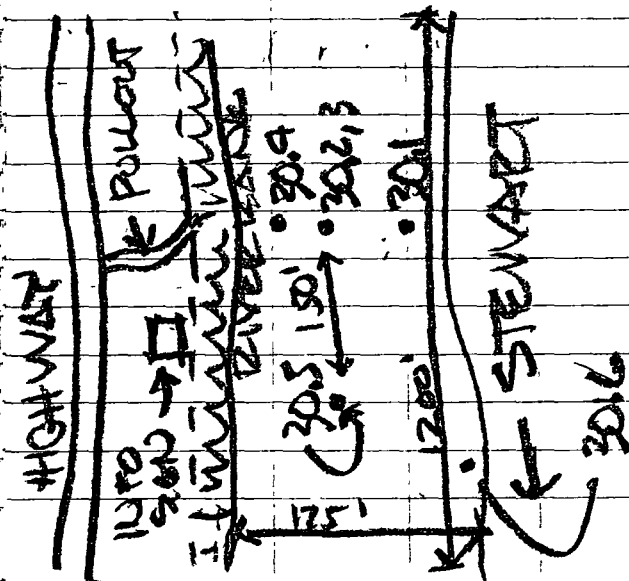
29.5 0 cols about 2 1/2' down
in gravel (water level)

29.6 0 colour /
surface

29.7 5 colour out of
2 1/2 gal paint.

OCT 31 STEWART R DAY 30

Sampling on
small bar about
10 miles from
Stewart X bridge
toward Lawton.



2MP#

30.1 2 fine colour off
of surface.

30.2 1 fine colour off
surface gravel.

30.3 0 colour about
1' down

30A close to river bank
4 fine cols off surf.

30.5 mid bar off of
surface 11 cols
(2 flutes)

30.6 mid bar 1' down into
gravel

NOV. 1 STEWART RIVER DAY 31

Sampling on river
back channel approx
5 mi upstr from bridge on Right
bank

SAMP#
31.1 too frozen no
sample.

walked up bank -
channel trying to
take samples out
of gravel, too frozen