

**YEIP  
2007  
-031**

YMIP 07-031

**FORTYMILE PROSPECTING PROGRAM**

**YUKON MINING INCENTIVES PROGRAM  
YMIP PROJECT 07-031  
Focused Regional**

April 1, 2007 – January 31, 2008

**UNIVERSAL TRANSVERSE MERCATOR PROJECTION CO-ORDINATES (NAD83)**

**PLACER CLAIM SHEET - 116 C 7**

**Grant Allan**  
Box 31486, Whitehorse, Yukon, Canada Y1A 6K8  
Ph.: 867-668-3367  
Email: [gallan@northwestel.net](mailto:gallan@northwestel.net)

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## PROPERTY LOCATION and ACCESS

The property being prospected for placer gold in this project is in the 40 Mile/Clinton Creek area of the Dawson Mining District of the Yukon. Specifically it is the 40 Mile River downstream from approximately 1500 ft, upstream of the Clinton Creek Road bridge over the 40 Mile River. Also included is Mickey Creek, approximately 3,000 ft. upstream from the 40 Mile River and the upper bench on the right limit of Mickey Creek. Also included are Clinton Creek and its main tributaries from the west, upstream as far as 1000 ft. from Eagle Creek. Also included is the lower bench of the 40 Mile River and the Yukon River where this 40 Mile River bench ends. The areas involved can be found on NTS map & placer claim sheet **116C-7** and is in the Dawson Mining District.  
*See Location Reference Maps #1 and #2*

Access to area is from our base camp located in West Dawson, Yukon. The project area is reached by driving approx. 50 km (45 min. drive) west of Dawson on the *Top of the World Highway* (YTG Hwy # 9) to the *Clinton Creek Road*; then north-west approx. 35 km down the Clinton Creek Road. In the fall of 2006 a field camp was set up at an abandoned road construction and prospecting camp near the intersection of the road and Mickey Creek. From here, roads & trails access most locations defined in this report.

Despite its isolated situation, easy access to most of these areas has been made by many years of hard rock & placer exploration by others over the past century. The main access roads to the various test sites can be traveled by car or tractor/trailers with heavy equipment. More remote prospecting sites in the area are accessible by ATVs & 4x4 trucks on trails/cat trails that require little to moderate brush clearing. Quite often these roads & trails have side cuts & clearings to access gravels and bedrock at many of the target locations. Helicopter support is about ½ hr. from Dawson City. Barging and/or small boat travel is also available to the area approx. 75 km downstream of Dawson City on the Yukon River.

Regional  
Prospecting  
Area



Location Reference Map #1

To  
DANSON





Regional Prospecting area

to ↑ DAWSON

Clinton Rd.

N ↑

CLINTON CREEK  
 CANADA UNITED STATES OF AMERICA  
 CANADA ETATS-UNIS D'AMERIQUE

Scale 1:50 000 Echelle 1:50 000  
 0 1000 2000 3000 4000 Meters

ETopo  
 116007 Edition 2 UTM Zone 7

Location Reference Map#2

## DEPOSIT TYPE(S) & GEOLOGY

These deposits are from large gravel channels from ancient streams that flowed generally east and south as part of the Bell River system. This river system is considered to have been slow moving and deposited what is known as white channel in the Tertiary period, possibly, specifically late Pliocene. The stream erosion of the 40 Mile River and its tributaries, such as Clinton Creek, Mickey Creek and Maiden Creek, has eroded this floodplain deposit. Schist and quartzite are the predominant clast types with some granitic and white quartz clasts.

The white channel is reported to vary from a relatively thin layer 1 to 2 meters above bedrock to up to 200ft. thickness in some locations (such as in the Maiden/Mickey Creek area. Placer gold is found in varying quantities in these high terrace white channel gravels.

There is more recent yellow or brown channel deposits, some from the outwash of glaciers. The medium and lower terraces are formed where existing rivers and creeks have flowed, concentrating and depositing the higher gravels into these benches over time. These benches are referred to as: *high bench, medium bench and low bench.*

McConnell reports that gold in the high benches is more concentrated in the 2 metres above bedrock. Other studies have found gold concentrations dispersed through the white channel over 75 metres above bedrock.

In the studied area the bedrock underneath the high gravels generally at the 1600 foot level.

The medium benches in the areas studied consist of a mix of gravels and weathered bedrock approximately 300 to 500 ft. above at the lowest benches above the Fortymile River and its lower tributaries. It is understood that these geological features contain eroded white channel gravels from above with re-concentrated placer gold.

The low benches and the current flood plain contain a mix of gravels eroded from above and contain concentrations of gold where it would be expected by examining the current and recent river and creek courses.

Gravels are various blends of smooth & rounded stones and pebbles, angular bedrock material, possibly talus, intermixed with sands, silts and clay.

Information on samples is available.

*(see the attached Test Hole & Sample reports and logs)*

This Focused – Regional YMIP project is for undertaking basic exploration work directed at appraising the potential of an under explored area in the 40 Mile River area. This includes low, medium and higher terraces in the 40 Mile River valley, and gulches and tributaries up river from Maiden Creek. The exploration work will be by means of conventional prospecting, the excavation of pits and shafts by hand and by portable auger drill. After preliminary reconnaissance and sampling there will be more follow-up sampling and mapping. If there are any major modifications (changes and additions) to this prospecting program (using a backhoe, larger drill, additional prospecting, magnetometer or other geophysical surveys, etc. the YMIP office will be notified.

All necessary permits and notifications, or land use permits required to do this work program will be completed to the Water Board and YTG as appropriate. All operations and work will be in compliance with the laws and regulations of general application, particularly those related to mining, water, land use and environmental regulations.

All necessary reclamation work will be done. The program area is not adjacent to or contiguous with an operating mine or proven occurrence owned by the applicant.

## **OBJECTIVES**

This project objective is to undertake basic exploration work directed at appraising the potential of an under explored area in the 40 Mile River area. The area on Clinton Creek and some tributaries and the 40 Mile River and some of its benches were to be prospected by means of conventional prospecting, the excavation of pits and shafts by hand. After preliminary reconnaissance and sampling there will be more follow-up sampling and mapping. If there are prospects worthy of further evaluation some of this targeted ground will be staked.

Plans and budgets for future work will be made. The main project objectives were successfully completed. Further work is being prepared for the 2008 season. Three additional placer gold claims on Mickey Creek based upon gold detected in gravel. Plans for further exploration work is being done.

## **EQUIPMENT USED**

- Kubota KH-41 backhoe with 1.25 cu. ft. bucket
- 6" auger drill mounted on flat deck truck
- 4x4 Chev ¾ ton truck
- Toyota station wagon
- 4x4 ATV
- chainsaws

- Hand held GPS's
- Hand shovels and gold pans

## **METHODOLOGY & WORK PERFORMED**

All government land use laws and regulations were followed, and care taken to minimize disturbance and reclaim affected land.

This area survey was conducted by truck, ATV, boat and foot, with the aid of GPS and mapping programs. Access to some target areas underwent minor brush clearing on existing trails.

Existing road/trail cuts and naturally eroded locations were the primary source for hand sampling. Several sites with gravel contact atop bedrock were found and sampled.

Field placer samples were transported to, and stored at the field camp and at head office in Whitehorse. Means of transportation was by truck and occasionally by ATV. Hand excavation was used for the summer season.

Traditional panning techniques were used as well. Hand excavation was used for the summer season. Actual locations to be GPS located.

Traditional panning techniques were used with size of sample and location recorded. Hand excavation was done for surface samples and from excavated trenches at different depths.

Selected gravels were washed and/or screened out of the bucket samples, but were recorded as proportion of sample.

Many of our target areas were generally intersected by existing roads & trails facilitating the work.

An existing road at a ford on Mickey Creek was crossed and Mickey Creek valley prospected. A shaft dug there reached water, and will be continued when possible.

The upper bench on Mickey Creek, right limit was tested and a hand dug trench was begun.

The 40 Mile River, right limit was prospected along with the left limit of the Yukon River up from the 40 Mile town site with positive showings. A shaft was begun on this bench near where gold was found.

An unnamed tributary on the west side of Clinton Creek as well as Clinton Creek, was prospected. No signs of old trails or workings on the tributary. Samples were taken.

A trip west up from Clinton Creek to a bench overlooking the 40 Mile River was done and samples tested, with no gold found. There is no substantial bench and any white channel has mainly been eroded off.

*(see sample maps and logs for more information)*

## **RESULTS & CONCLUSIONS**

The ground was tested at 87 locations in the part of the area we prospected. It is clear that there is the presence of large deep white channel deposits at and above the 1600 ft. level in this area. The erosion of these ancient stream channels into the valleys has resulted in placer gold to be deposited there. Mickey Creek erodes through gold bearing white channel and is present in the valley as well, but not continuously. The specific gold deposits grade and locations depend upon the streams' courses as they eroded and deposited gravel with gold at lower levels through time.

The Forty Mile River carries fine gold that has been deposited on the lower benches, some of which have been mined up river from where we prospected.

Conclusions are that there is very probably pay channels in the lower benches and probably in the medium benches and definitely in the higher benches where there is white channel. It is not continuous and this raises many more questions, requiring substantial more prospecting.

More detail information on the work done and the results can be seen on the sample location maps and the test hole and sample logs.

## **RECOMMENDATIONS**

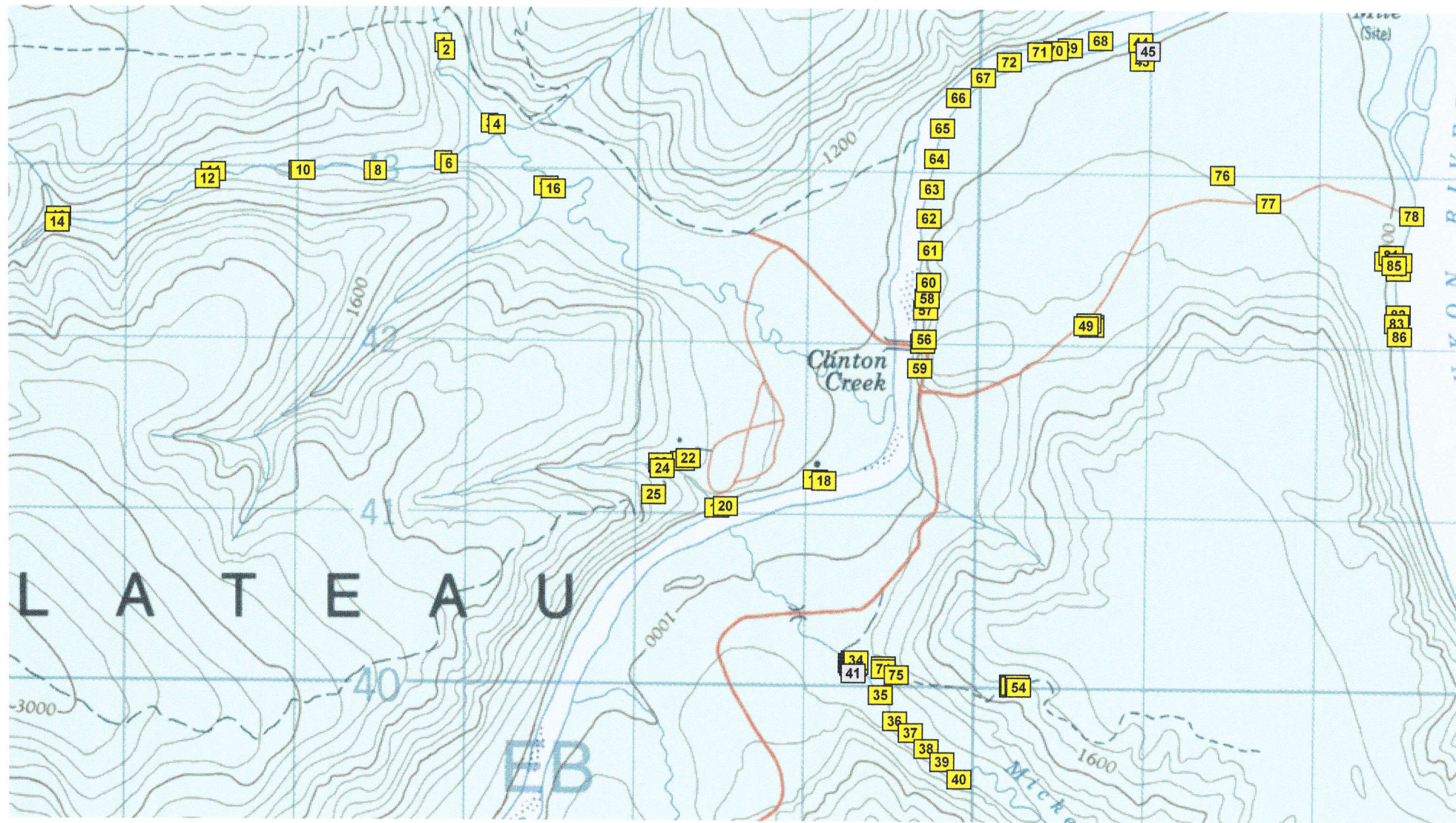
Determine exact targets for further exploration and the best way to proceed. The economics, value and logistics of various options are being determined.

It is recommended acquiring a medium size excavator on wheels to do

1. Trenching on the upper bench along the bedrock, and into the white channel to determine thickness and value of the placer gold bearing zone
2. Dig shafts and or pits and trenches to bedrock at locations in the lower bench beside the lower 40 Mile River
3. Dig shafts and or pits and trenches in the Mickey Creek valley to bedrock
4. Use placer test plant near field camp and mobile test plant where necessary to accurately test gravels at each targeted location.

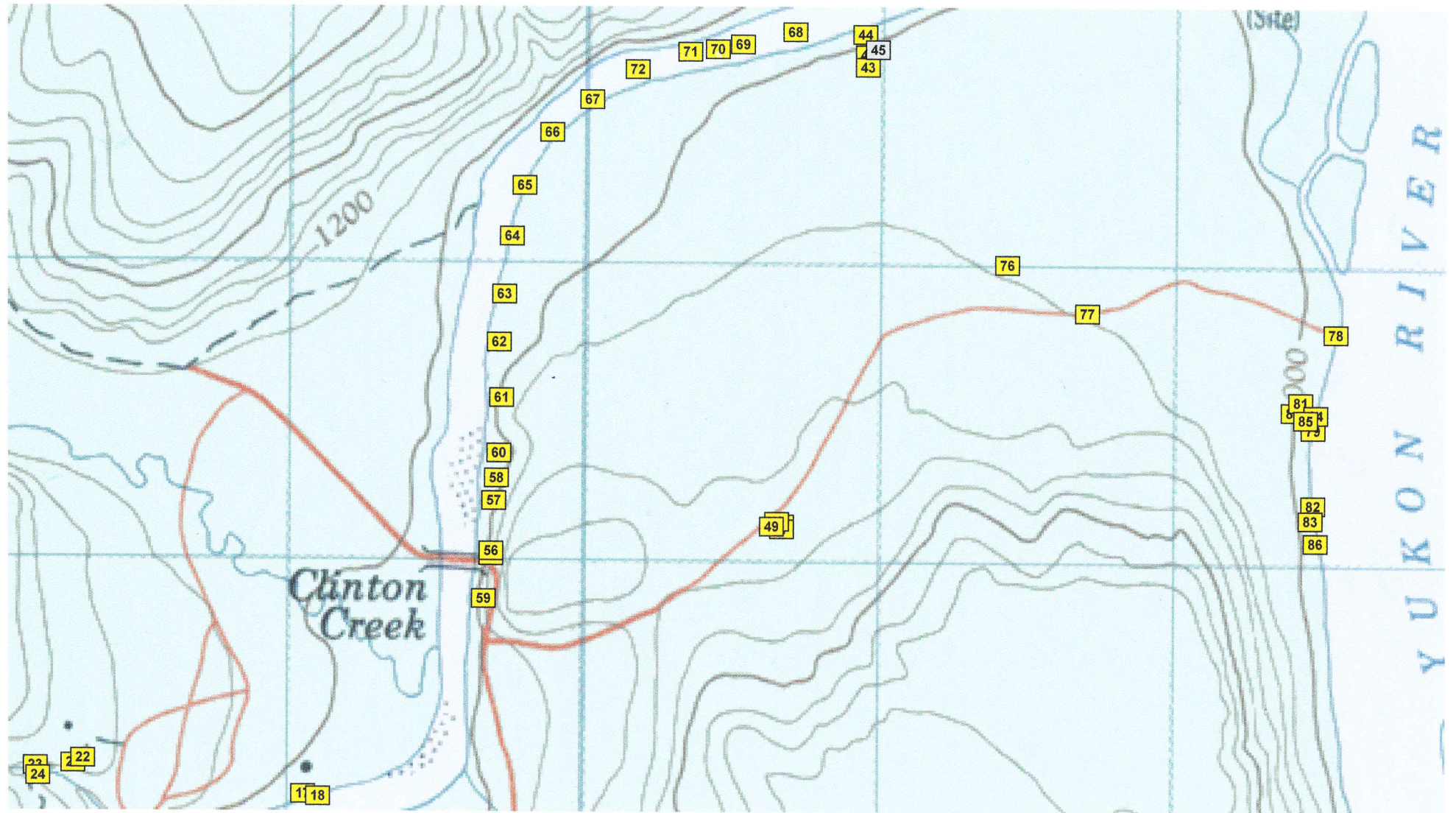


5. A 6" auger on an all terrain vehicle like a Nodwell to test swampy, frozen sections of the benches. An experienced operator with a good test plant and recovery system is essential.
6. Grassroots exploration and prospecting should be continued along the Forty Mile river and its tributaries with the goal of finding targets for systematic sampling, testing and evaluations. Prospecting by hand excavations and small auger drill in locations with gold potential. These locations can be accessed by foot, by ATV, by boat, and possibly by helicopter.



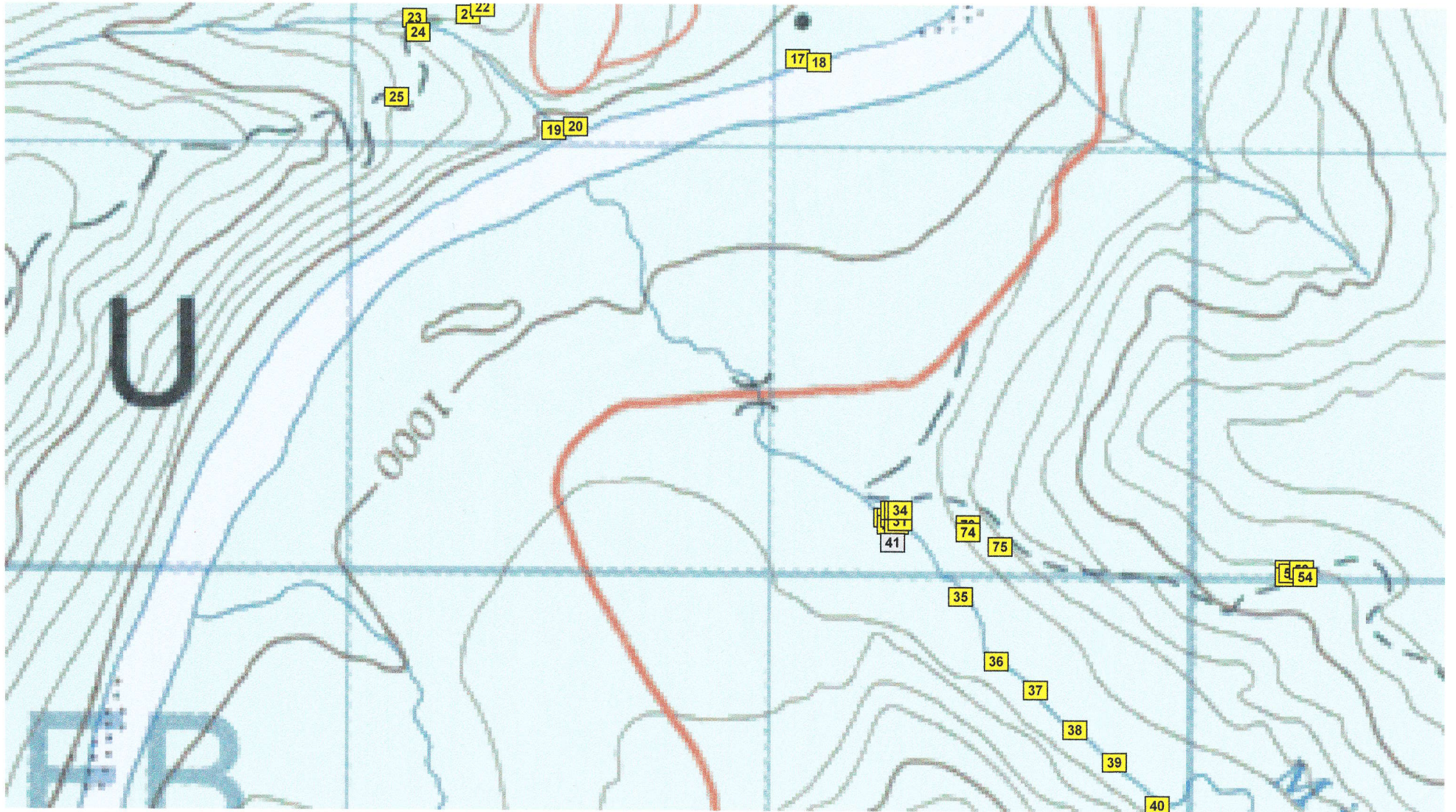
SAMPLE MAP 1





SAMPLE MAP 2





SAMPLE MAP 3



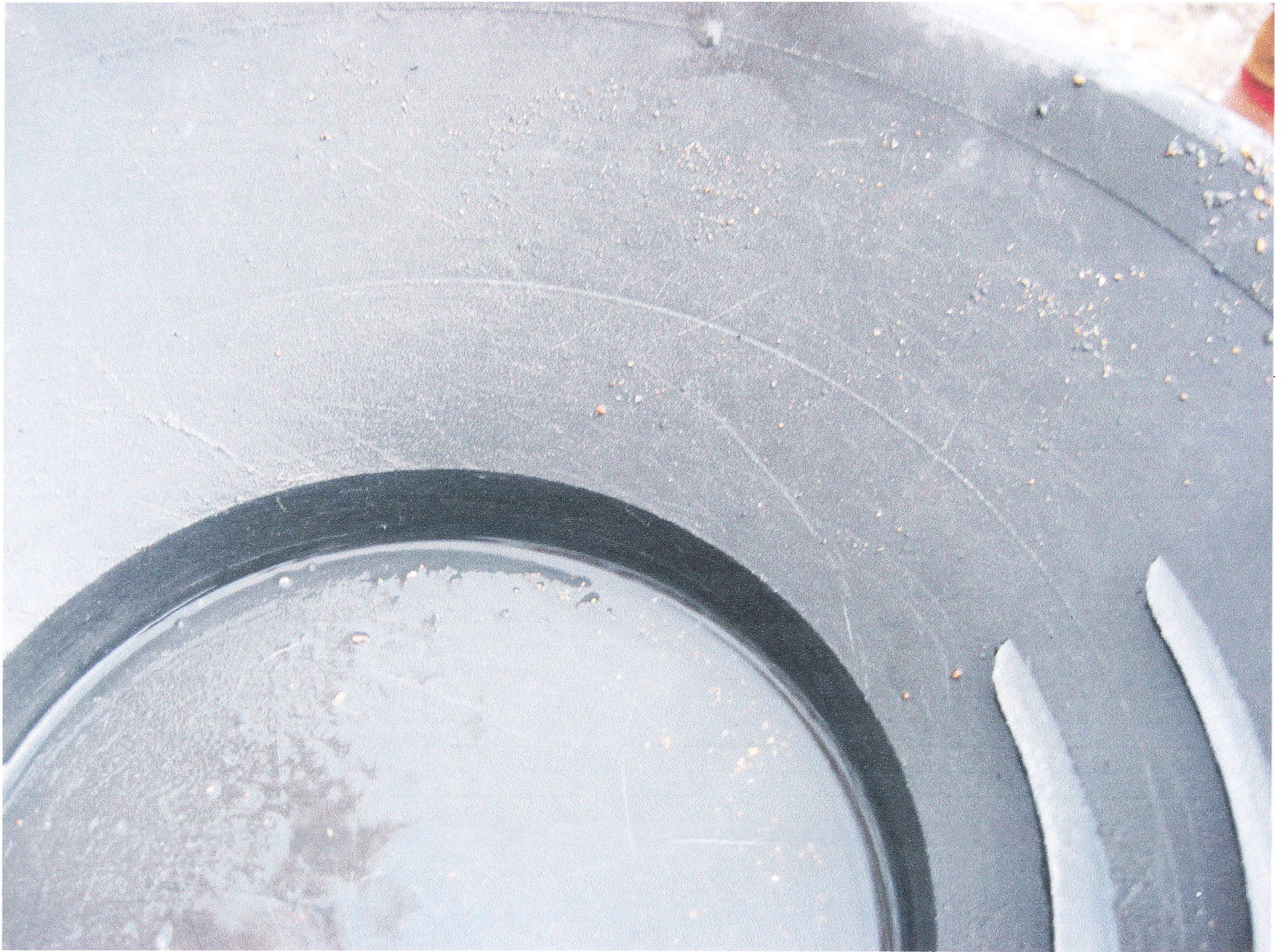


Photo of gold sample  
Fortymile Prospecting Program 2007

# CLINTON FOCUS REGIONAL 2007 - TEST HOLE & SAMPLE LOG

See attached reference map for locations

TH #	Samp. Size	Depth(ft)	Gold Qty.
1	1 pan	0.5	2ssp,1sp,
2	1 pan	"	0
3	1 pan		1ssp
4	1 pan		0
5	1 pan		0
6	1 pan		1ssp
7	1 pan		0
8	1 pan		0
9	1 pan		0
10	1 pan		0
11	1 pan		0
12	1 pan		0
13	1 pan		0
14	1 pan		0
15	1 pan		0
16	1 pan		2ssp
17	1 pan		0
18	1 pan		2ssp
19	1 pan		0
20	1 pan		0
21	1 pan		1ssp
22	1 pan		0
23	1 pan		0
24	1 pan		0
25	1 pan		0
26	1 pan		2ssp,1sfl
27	1 pan		0
28	1 pan		0
29	1 pan		0
30	1 pan		0
31	1 pan		2ssp,2lsp,1sfl
32	1 pan		0
33	1 pan		0
34	1 pan		0
35	1 pan		2ssp
36	1 pan		1ssp
37	1 pan		0
38	1 pan		0
39	1 pan		0
40	1 pan		0
41	1 pan	11ft.	3ssp
42	1 pan	Surface	0
43	1 pan		0
44	1 pan		20ssp,12msp,
45	1 pan	5ft	0

# CLINTON FOCUS REGIONAL 2007 - TEST HOLE & SAMPLE LOG

See attached reference map for locations

An approximate weight of the gold found is:

largeflake=.04gram; mediumfl = .02g.,smallfl=.01g.

largespeck=.005g.,medsp=.0025g.,smallsp=.00125g.

TH #	Samp. Size	Depth	Gold Qty.
46	1 pan	Surface	0
47	1 pan		0
48	1 pan		0
49	1 pan		3ssp,1ls
50	1 pan		0
51	1 pan		2ssp,1msp,1mfl
52	7.5 l	0.0-0.5 above bed.	1ssp,2lsp
53	7.5 l	0.0-0.5 ab. bed.	4ssp,1mfl
54			0
55	2 pan	Surface	2ssp,1msp
56	2 pan		2lsp,2ms,4ss
57	2 pan		2lsp,2msp,2ssp
58	2 pan		0
59	2 pan		1lsp,1msp,1ssp
60	2 pan		
61	2 pan		1lsp,2msp,1ssp
62	2 pan		0
63	2 pan		0
64	2 pan		2lsp,1msp,1sfl
65	2 pan		0
66	2 pan		1ls,1ms,1ss
67	2 pan		1ls,1ms,1ss

# CLINTON FOCUS REGIONAL 2007 - TEST HOLE & SAMPLE LOG

See attached reference map for locations

TH #	Samp. Size	Elev.	Depth	Gold Qty.
68	2 pans		Surface	1ms,1ss
69	2 pans		Surface	3sf,2ls,1ms,3ss
70	2 pans		Surface	2ls,1ss
71	2 pans		Surface	2sf,1ls,2ms,4ss
72	2 pans		Surface	1lf,3sf,3ls,4ms
73	1 pan		Surface	0
74	1 pan		Surface	1ms, 1ss
75	1 pan		Surface	6ss
76	1 pan		Surface	4ss,4ms,1ls
77	1 pan		Surface	4ms,9ss
78	1 pan		Surface	2sf,3ls,8ms,6ss
79	1 pan		Surface	2ls,3ms,3ss
80	1 pan		Surface	2mf,2ms,9ss
81	1 pan		Surface	1sf,2ms,8ss
82	1 pan		Surface	0
83	1 pan		Surface	1ls
84	1 pan		Surface	2sfl
85	1 pan		Surface	3ms
86	7.5l		Surface	4ss
87			Surface	



# Waypoint List

Map Name : 116c07.png  
Map File : C:\Documents and Settings\Administrator\My Documents\Maps\116C07.map

Datum : NAD83

Waypoint File : C:\OziExplorer\Data\FocRegsamplesites2007.wpt

1/23/2008 2:01:12 PM

Num	Name	Latitude	Longitude	Alt(ft)	Description
1	1	64 25.2110	-140 39.1669		
2	2	64 25.1882	-140 39.1457		
3	3	64 24.9607	-140 38.8279		
4	4	64 24.9561	-140 38.7751		
5	5	64 24.8423	-140 39.1659		
6	6	64 24.8333	-140 39.1236		
7	7	64 24.8106	-140 39.6838		
8	8	64 24.8105	-140 39.6415		
9	9	64 24.8106	-140 40.2335		
10	10	64 24.8106	-140 40.1912		
11	11	64 24.8060	-140 40.8466		
12	12	64 24.7833	-140 40.8888		
13	13	64 24.6649	-140 41.9771		
14	14	64 24.6466	-140 41.9876		
15	15	64 24.7649	-140 38.4152		
16	16	64 24.7558	-140 38.3623		
17	17	64 23.8495	-140 36.4376		
18	18	64 23.8449	-140 36.3743		
19	19	64 23.7587	-140 37.1560		
20	20	64 23.7632	-140 37.0925		
21	21	64 23.9045	-140 37.4097		
22	22	64 23.9135	-140 37.3675		
23	23	64 23.9000	-140 37.5682		
24	24	64 23.8817	-140 37.5576		
25	25	64 23.7998	-140 37.6208		
26	26	64 23.2714	-140 36.1731		
27	27	64 23.2714	-140 36.1625		
28	28	64 23.2622	-140 36.1625		
29	29	64 23.2714	-140 36.1520		
30	30	64 23.2622	-140 36.1414		
31	31	64 23.2668	-140 36.1309		
32	32	64 23.2805	-140 36.1520		
33	33	64 23.2805	-140 36.1414		
34	34	64 23.2805	-140 36.1309		
35	35	64 23.1712	-140 35.9513		
36	36	64 23.0892	-140 35.8456		
37	37	64 23.0527	-140 35.7294		
38	38	64 23.0026	-140 35.6132		
39	39	64 22.9616	-140 35.4971		
40	40	64 22.9069	-140 35.3704		
41	41	64 23.2395	-140 36.1520		
42	42	64 25.1860	-140 34.0599		
43	43	64 25.1633	-140 34.0599		
44	44	64 25.2224	-140 34.0705		
45	45	64 25.1951	-140 34.0176		
46	46	64 24.3398	-140 34.4197		
47	47	64 24.3307	-140 34.4197		
48	48	64 24.3443	-140 34.4408		

## Waypoint List continued .....

Num	Name	Latitude	Longitude	Alt(ft)	Description
49	49	64 24.3353	-140 34.4619		
50	50	64 23.2070	-140 34.9903		
51	51	64 23.1979	-140 34.9903		
52	52	64 23.2024	-140 34.9797		
53	53	64 23.2070	-140 34.9480		
54	54	64 23.1979	-140 34.9375		
55	55	64 24.2790	-140 35.6508	977	
56	56	64 24.2904	-140 35.6502	992	
57	57	64 24.3822	-140 35.6304	985	
58	58	64 24.4194	-140 35.6226	982	
59	59	64 24.2010	-140 35.6754	949	
60	60	64 24.4680	-140 35.6154	992	
61	61	64 24.5664	-140 35.6052	984	
62	62	64 24.6672	-140 35.6136	980	
63	63	64 24.7572	-140 35.5878	983	
64	64	64 24.8562	-140 35.5584	973	
65	65	64 24.9486	-140 35.5140	974	
66	66	64 25.0458	-140 35.3976	974	
67	67	64 25.1076	-140 35.2272	969	
68	68	64 25.2294	-140 34.3614	951	
69	69	64 25.2024	-140 34.5846	950	
70	70	64 25.1964	-140 34.6932	956	
71	71	64 25.1910	-140 34.8102	962	
72	72	64 25.1586	-140 35.0334	972	
73	73	64 23.2632	-140 35.9328	1047	
74	74	64 23.2524	-140 35.9334	1047	
75	75	64 23.2338	-140 35.8314	1085	
76	76	64 24.8078	-140 33.4681		
77	77	64 24.7211	-140 33.1300		
78	78	64 24.6838	-140 32.0836		
79	79	64 24.5109	-140 32.1790		
80	80	64 24.5429	-140 32.2634		
81	81	64 24.5610	-140 32.2317		
82	82	64 24.3744	-140 32.1792		
83	83	64 24.3471	-140 32.1898		
84	84	64 24.5382	-140 32.1683		
85	85	64 24.5291	-140 32.2106		
86	86	64 24.3061	-140 32.1687		

## Map Feature Waypoints

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