

**YEIP  
2007  
-030**

YMIP 07-030

## **FORTY MILE/CLINTON PROJECT**

**YUKON MINING INCENTIVES PROGRAM**

**YMIP PROJECT 07-30  
Target Evaluation**

April 1, 2007 – Jan. 31, 2007

**2007**

**PLACER CLAIM SHEET - 116 C 7**

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## **Table of Contents**

- 1. Property Location & Access**
- 2. Deposit Type & Geology**
- 3. Objectives**
- 4. Equipment Used**
- 5. Methodology & Work Performed**
- 6. Results & Conclusions**
- 7. Recommendations**

## **PROPERTY LOCATION and ACCESS**

The property being evaluated 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 22 claims on Mickey Creek and on the lower bench on the south side of the 40 Mile River that the Clinton Creek Rd. travels through, just before the bridge over the 40 Mile River. Also being evaluated are 4 discovery claims located approximately 7 km. up Clinton Creek Rd on Clinton creek and a tributary, Eagle Creek. The areas involved can be found on NTS map & placer claim sheet **116C-7** and is in the Dawson Mining District.  
See *Location Reference Map.#1and #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. Prospect North's initial field camp was at a gravel pit in the upper Maiden Creek valley. In the fall of 2006 it was moved to 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.

Alaska →  
Yukon  
Border

Eagle Creek  
Clinton Creek



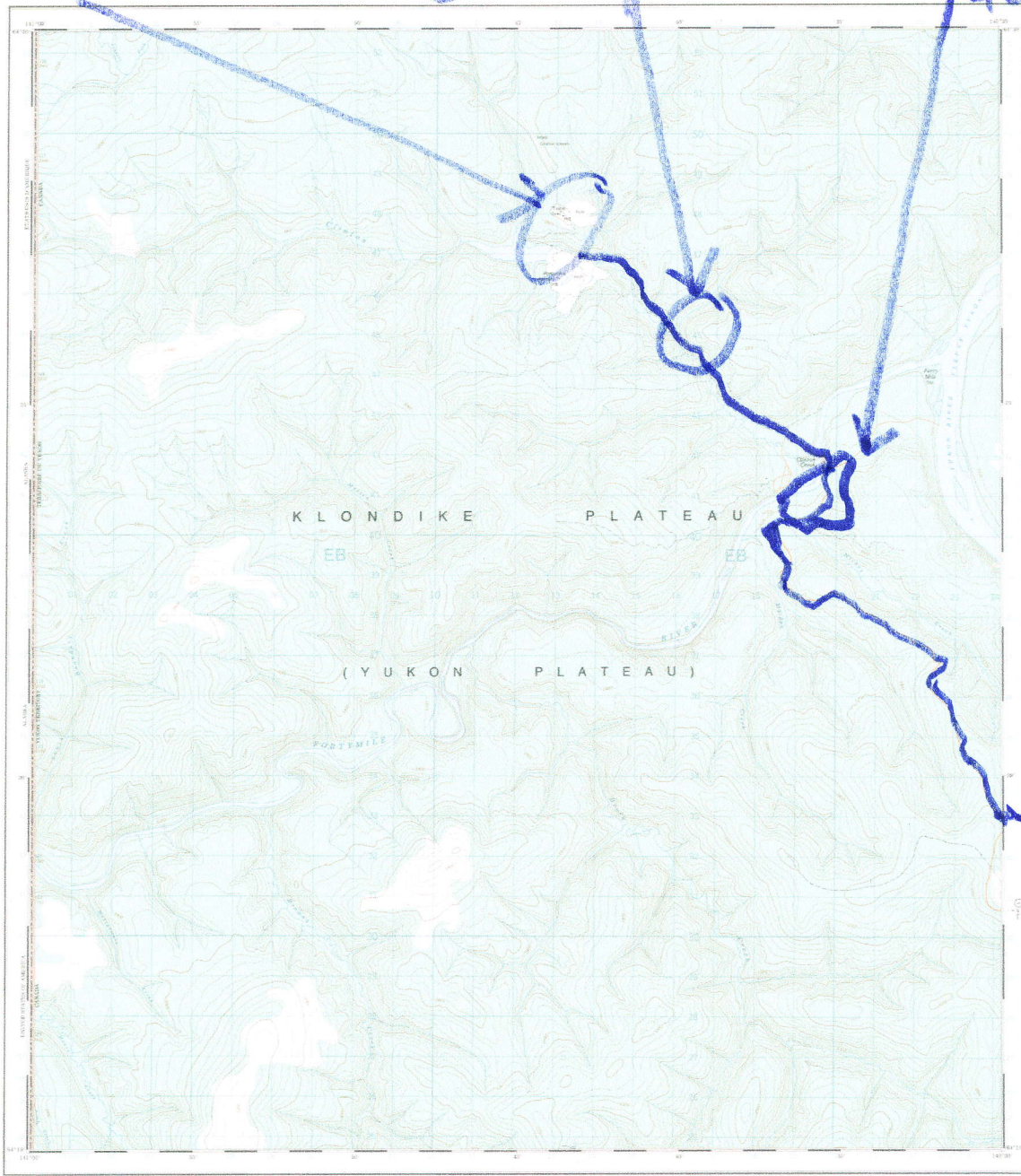
Mickey Creek  
40 Mile River

Location Reference Map #1

Abandoned  
Clinton Creek Mine

Eagle Creek  
Clinton Creek

Mickey Creek  
40 Mile  
River



To  
Dawson  
City

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

Scale 1:50 000 Echelle

116C07 Edition 2 UTM Zone 7

ETopo

1:50,000

1 500 1000 2000 3000 4000 Meters

1 500 1000 2000 3000 4000 Feet

CONVERSION SCALE FOR ELEVATIONS  
Meters to Feet: 1 m = 3.281 ft  
Feet to Meters: 1 ft = 0.305 m

CONVERSION SCALE FOR DISTANCES  
Meters to Feet: 1 m = 3.281 ft  
Feet to Meters: 1 ft = 0.305 m

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

In 2006 placer gold was found in the lower bench where a placer lease and 4 claims were staked, plus 3 more on Mickey Creek in 2007.

## **OBJECTIVES**

The objectives were to:

- test the samples excavated in the fall of 2006 on the 40 Mile river lower bench. Some of these samples were about 1 km down river from Mickey Creek, in the gravel pit north and adjacent to the Clinton Creek Rd., and some from the old power line road approximately 100 to 150 m. from Mickey Creek. *(see attached sketches SK1,SK2 and SK3)*
- test the samples excavated in the fall of 2006 on the Clinton Creek and Eagle Creek valley near the confluence of those creeks. *(see attached Clinton Target Evaluation 2007 – Test Hole and Sample Log)*
- perform auger drilling in the gravel pit, by the old power line road and on the Mickey Creek river claims and on the Clinton Creek/Eagle creek claims and test selected samples from the test holes *(see attached Clinton Target Evaluation 2007 – Test Hole and Sample Log and the field Drill Log July 2007)*
- do further prospecting and testing by hand and by excavator if possible.

These main project objectives for the YMIP 07-30 were successfully completed by October 2007. Plans are being made for further work for the 2008 season. Research, planning and reporting work is ongoing during the winter 2007/08.

The potential of the placer gold deposits were appraised and evaluated. An excavator and testing plant was contracted and further prospecting, sampling and testing was completed. Records and maps showing locations of all test holes and sample locations were made. *(see attached logs)*.

The proposed exploration goals in the area were exceeded in a cost-effective manner and samples were obtained and tested in the target areas being evaluated.

Planning logistics and permitting for more extensive works and bulk sampling for future years prospecting was also a priority. Three additional placer gold claims and a placer lease was staked into 18 claims in the spring were staked and an exploration plan for further work is being planned.

## **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
- 4' long Keene sluice with 2" pump

- McLennan placer test plant and gold table?
- 4x4 ATV
- chainsaws
- Hand held GPS's
- Hand shovels and gold pans
- Laptops & scanners

## **METHODOLOGY & WORK PERFORMED**

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

The Kubota KH-41 and McLennan placer test plant was set up in the gravel pit to test the samples excavated in the fall of 2006. Water was accessed from pool of ground water at the northwest end of the gravel pit. Measured quantities of sample gravel was put through the test plant, and concentrate from the sluice box placed in buckets and moved to the field camp. Samples were panned out and specs and flakes of gold noted, recorded and stored, and later transported to Whitehorse. Gravel characteristics were noted and recorded and most samples left at the field camp for future reference. Some samples were transported to head office in Whitehorse.

Samples from the 2006 excavations from the old power line road and from the Clinton Creek-Eagle Creek claims were transported to the field camp for testing. *(see attached logs for details)*

## **RESULTS & CONCLUSIONS**

The testing and evaluations completed confirmed the presence of fine and small flakes of gold in the lower bench specifically in sections of the gravel pit. See the attached logs and sketches for more details and locations. The pay channel is at bedrock and up to 8.5 ft. above bedrock. Four new 9 ft. excavations (on the Chelle claim, two on Pit 13-P48715 claim and one on the Mickey claim) produced no gold.

Further up the bench, at the power line road, there is fine gold in some of the samples excavated in 2006, but most samples had no gold. N9 at 4 metres produced a few specs and flakes in the pan.

The drill holes in the Clinton Creek-Eagle Creek claims produced little gold.

The drilling program resulted in little gold being found, not to the degree found in excavated samples, which suggests the drilling results are underestimating the amount of gold present.



Excavations' piles on surface - Chelle claim  
- evaluated 2007





Excavations) piles on surface - Pit 11 claim  
-evaluated 2007 (gravel pit)

The gold present and quartz white channel rocks present in tributaries of Clinton creek and the Forty Mile River benches shows that it is likely the gold from the white channel at higher levels (approximately 1600 ft. or higher) has been concentrated in current stream channels and benches.

Higher concentrations of gold were found at creek side near the confluence of Clinton Creek and its second tributary on the upstream right. These samples had some of the highest concentrations of gold in the area for the 2006 season. It is assumed that concentration of gold bearing White Channel from above has occurred in pay-streaks deposits within this section of the watershed that was tested. The narrow valley complicates modern placer requirements for minimum setback from creeks, but the tight valley of bedrock may have created an opportunity for placer gold to settle.

More detail information on the work done, locations and the results can be seen on the attached sketches, field logs and Clinton Target Evaluation 2007 – Test Hole and Sample Log.

## **RECOMMENDATIONS**

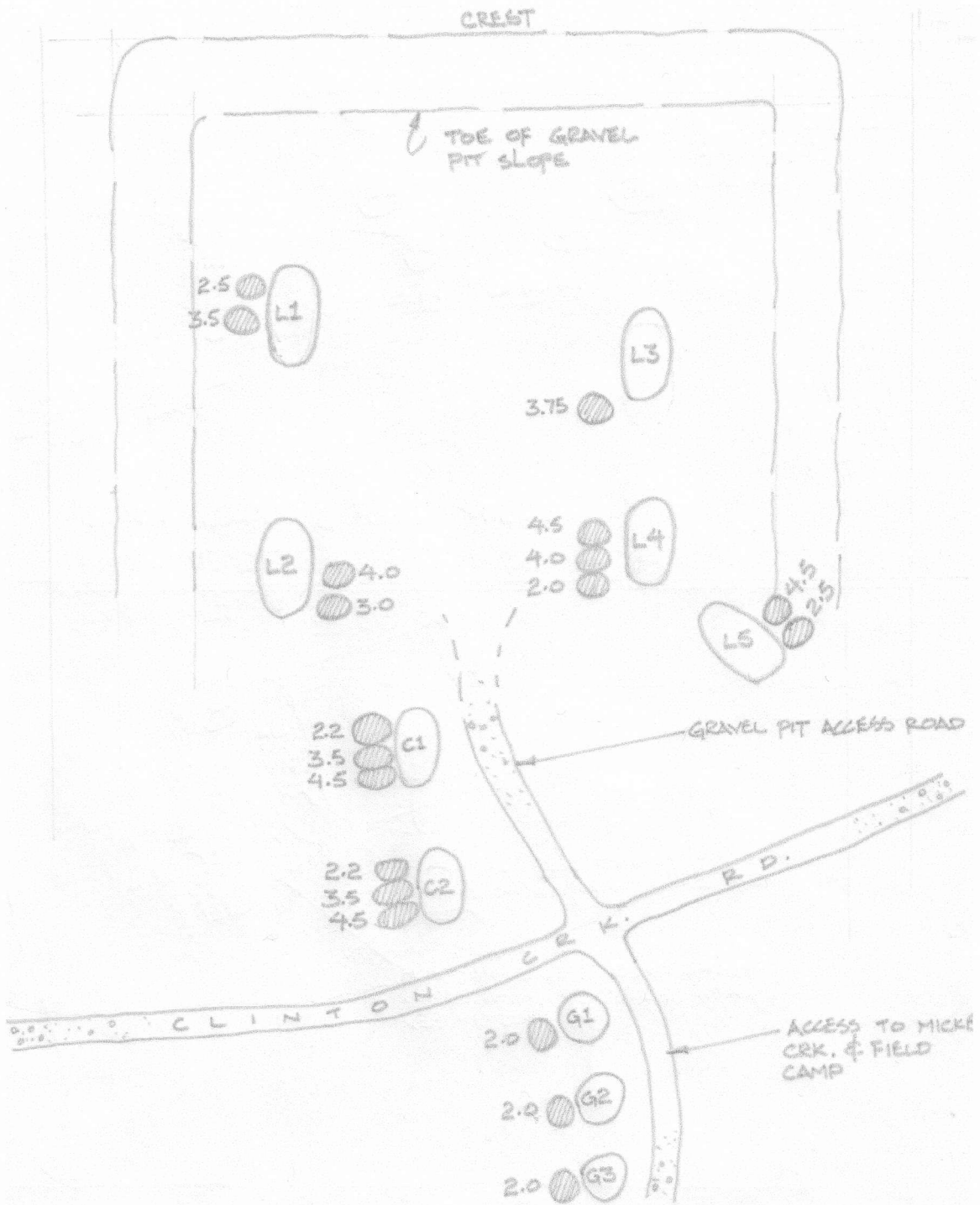
To further test with accuracy, a bulk sample of 200 to 1,000 yards of gravel from the northwest corner of the gravel pit should be completed. This would require a medium to large excavator, sluice box or trommel, pumps, etc

A water license and land use permit should be obtained.

Shafts should be dug to bedrock in the frozen bench just up river from the gravel pit. This area could be tested with an auger drill on an all terrain vehicle.

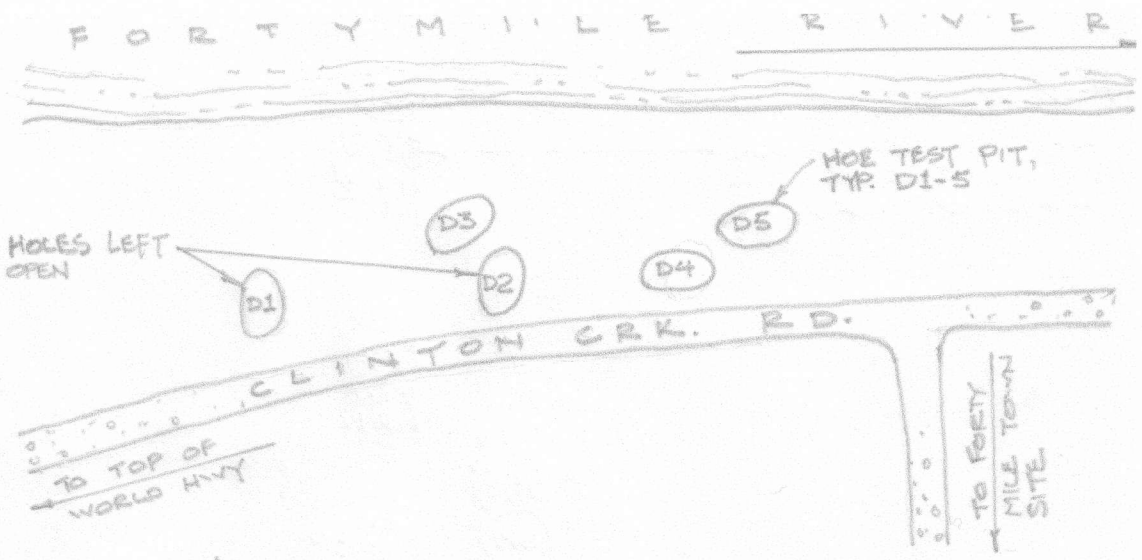
A testing plant should be set up at the field camp to test. It should be efficient and include a gold wheel and/or gold table for efficient separations.

Exactly where the pay channels are located in the high, medium and low benches, and in the current stream courses requires systematic sampling and testing.

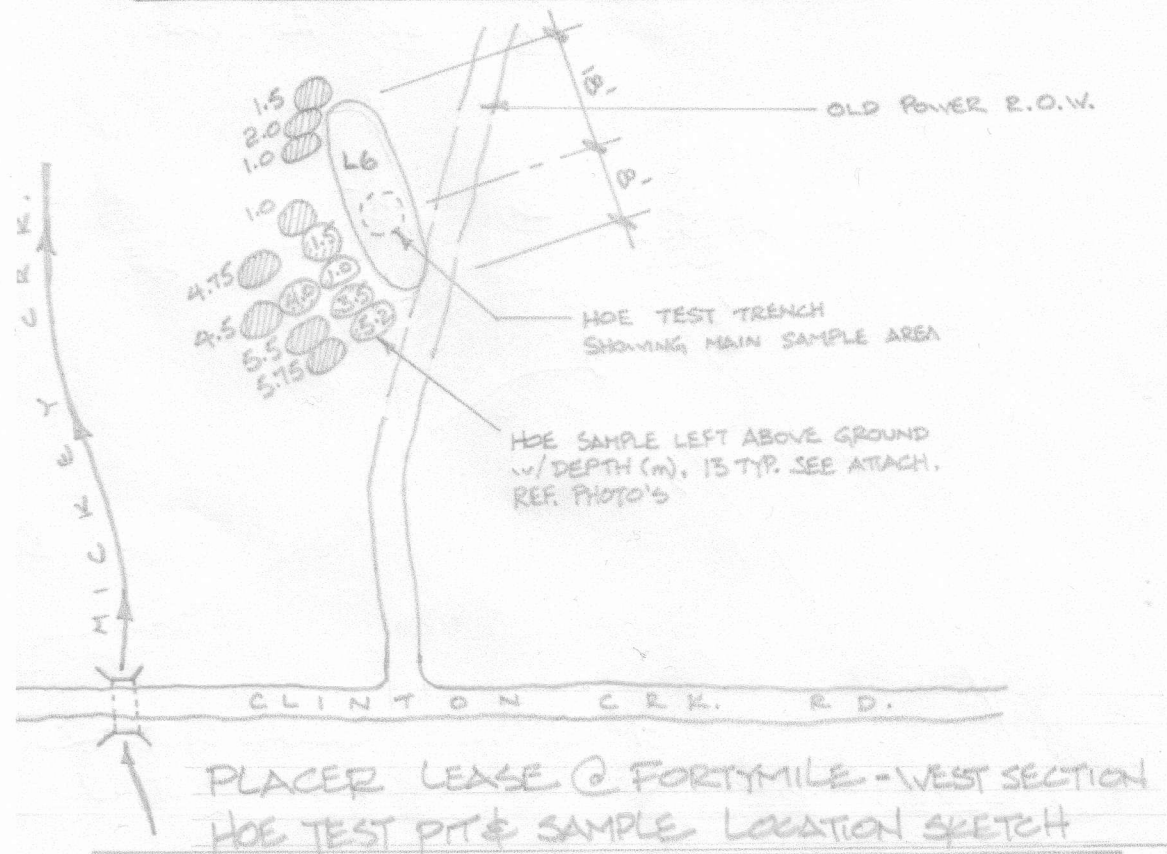


(EAST SECTION)  
 PLACER LEASE, "CHELLE" & "GMYST" CLAIMS  
 HOE TEST PIT & SAMPLE LOCATION SKETCH

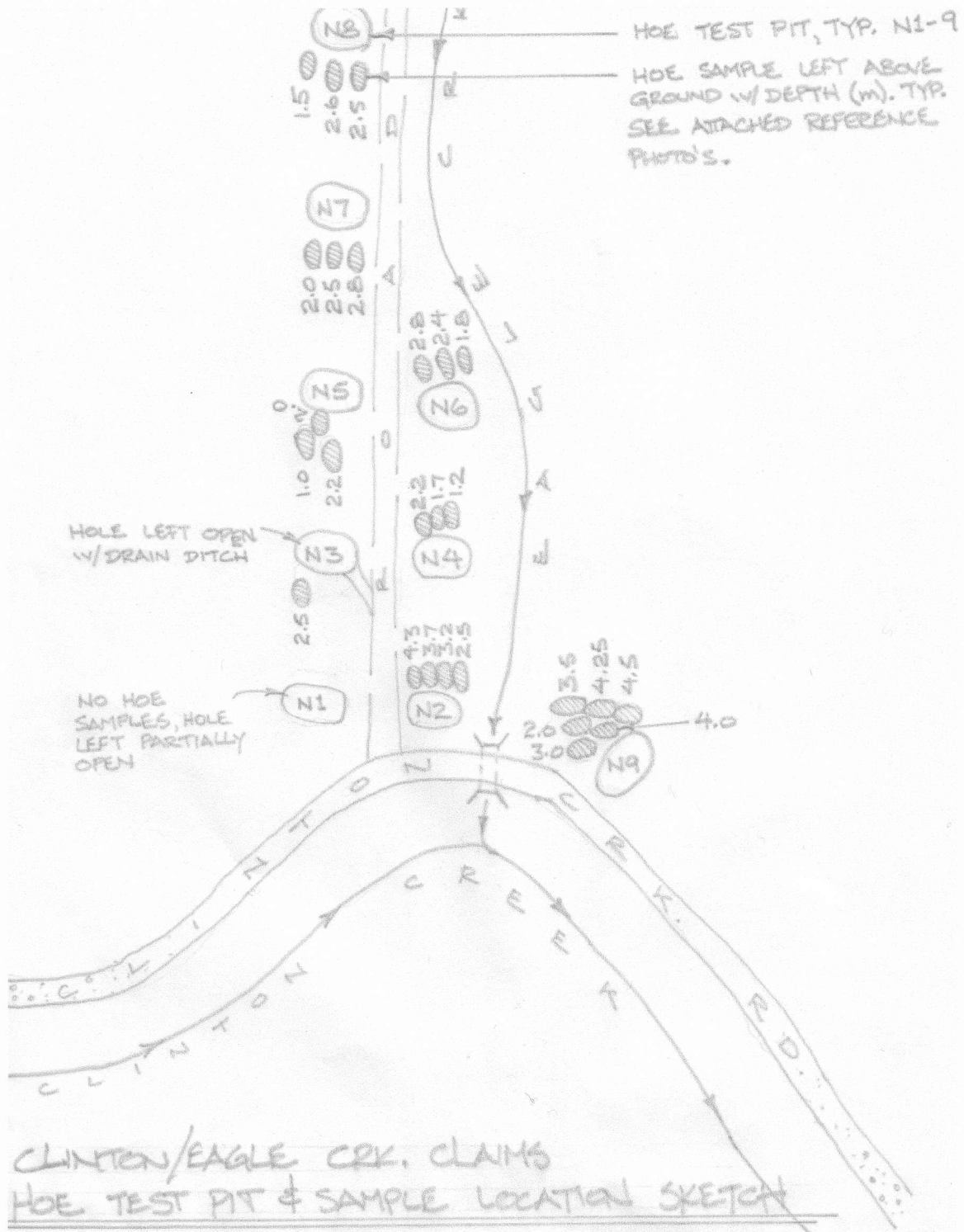
SK1: Location Sketch for 0.5-2.0 cu.m samples, left at surface Sept. '06



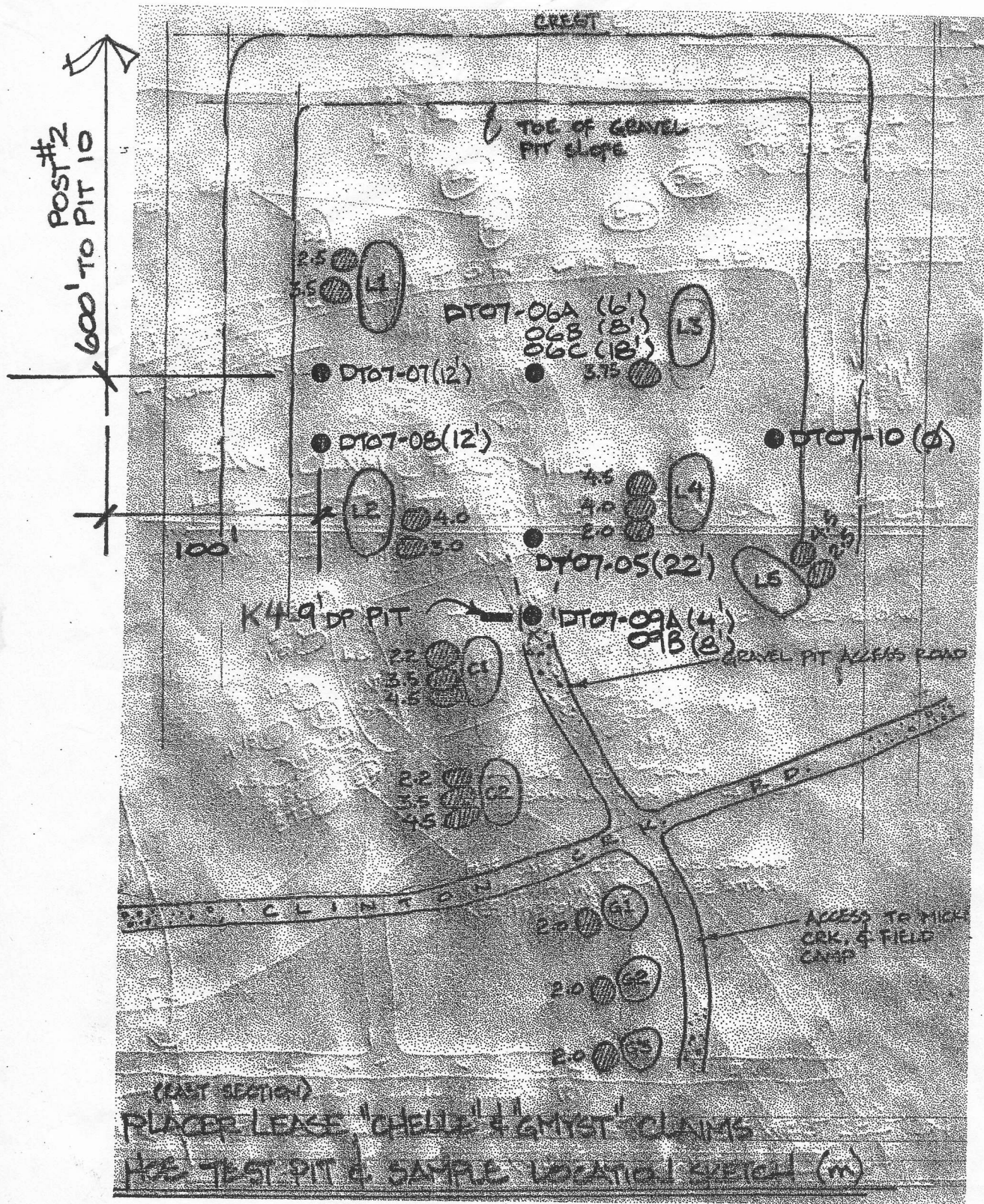
"DAN" CLAIM @ FORTYMILE  
HOE TEST PIT & SAMPLE LOCATION SKETCH



SK 2: Location Sketch for 0.5 - 2.0 cu. m. samples, left at surface Sept. '06

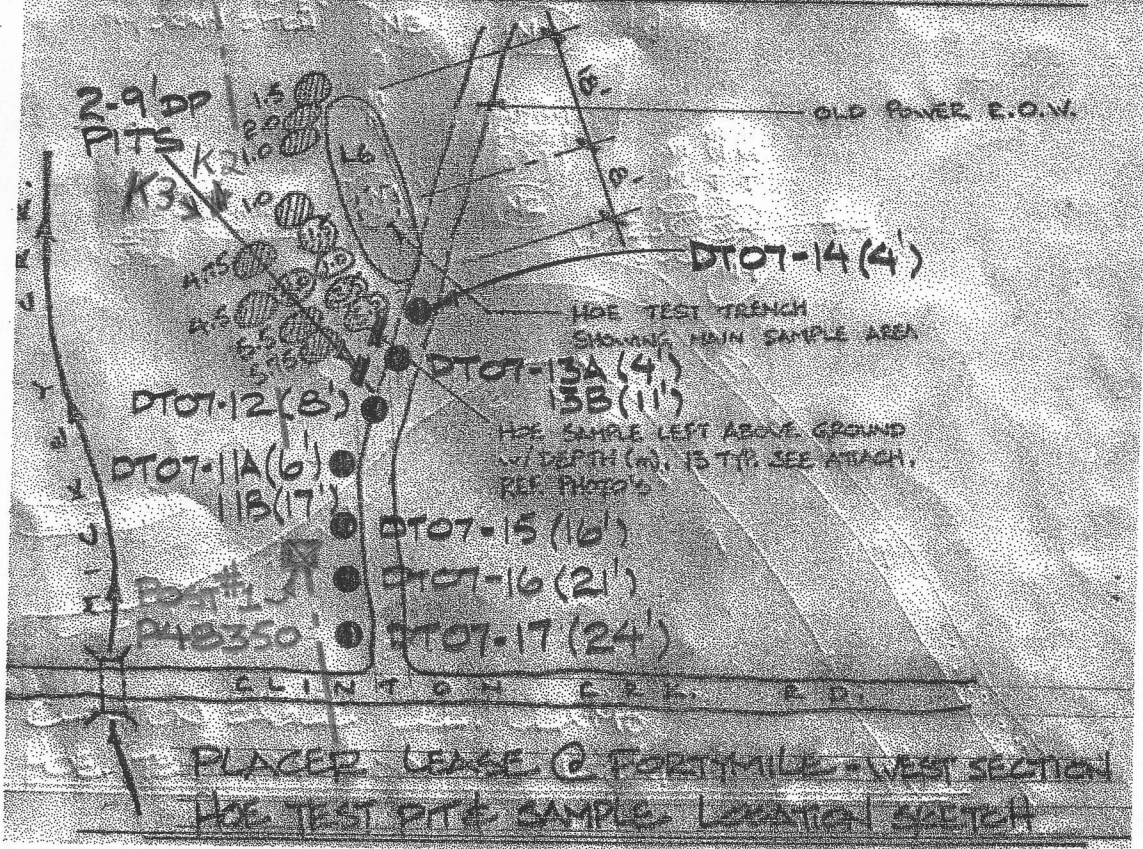
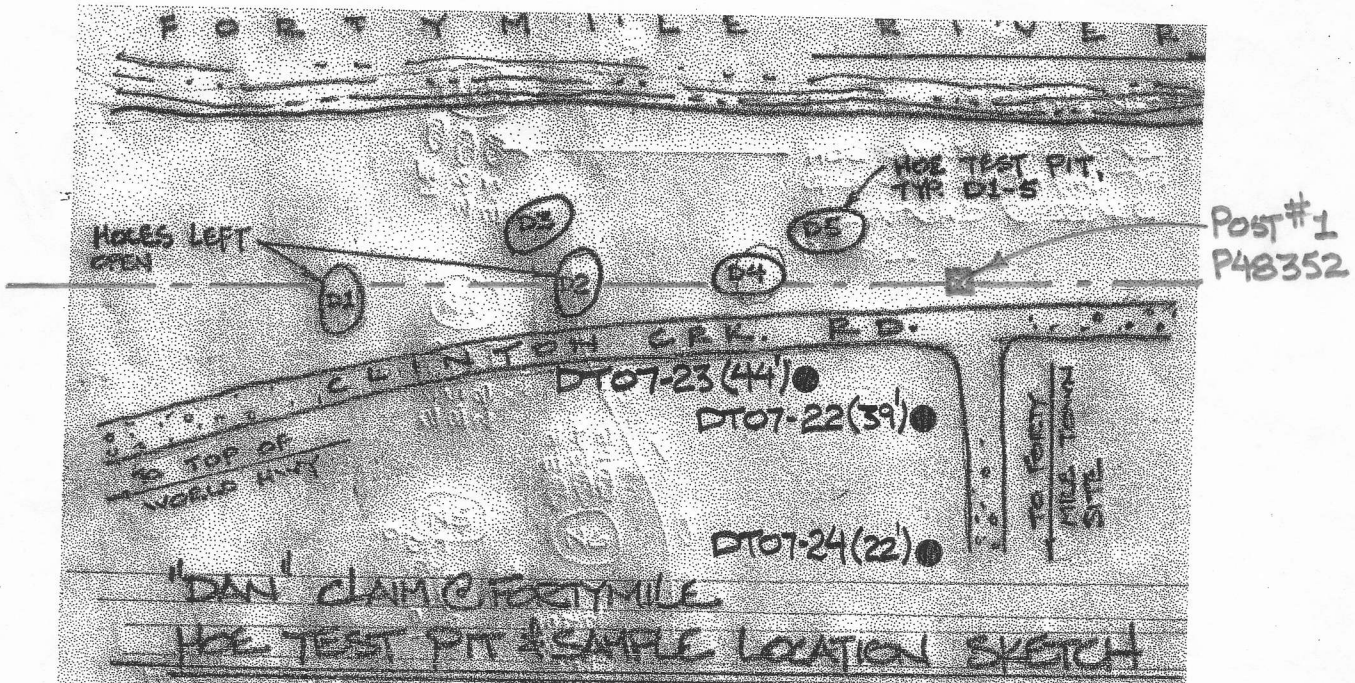


SK 3: Location Sketch for 0.5 - 2.0 cu. m. samples, left at surface Sept. '06



SK4: Location Sketch for 0.5-2.0 cu.m samples, left at surface Sept. '06

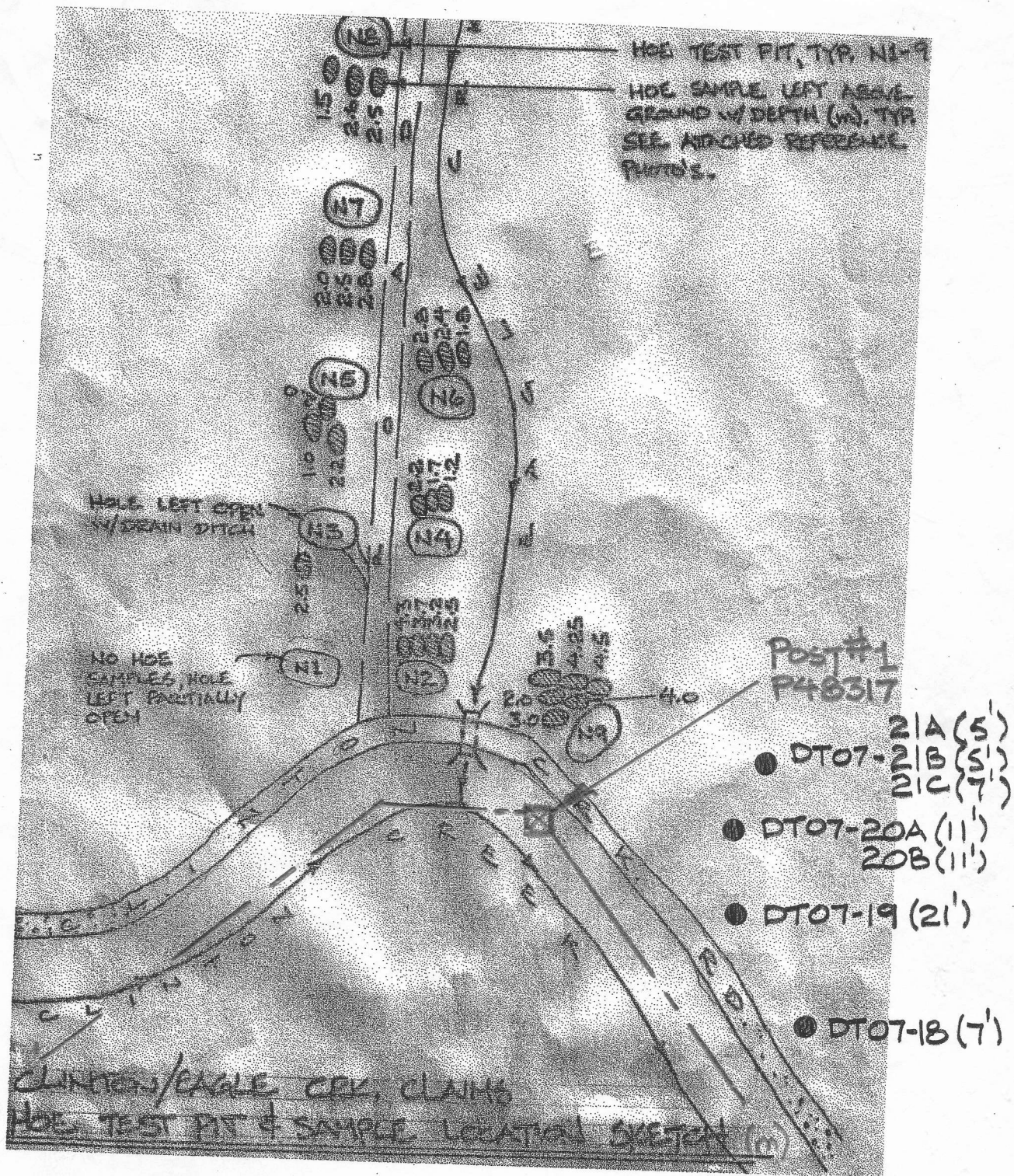
● 6" Ø AUGER HOLE (DEPTH) JULY '07



SK5 Location Sketch for 0.5-2.0 cu.m samples, left at surface Sept. '06

6" Ø AUGER HOLE (DEPTH) JULY '07

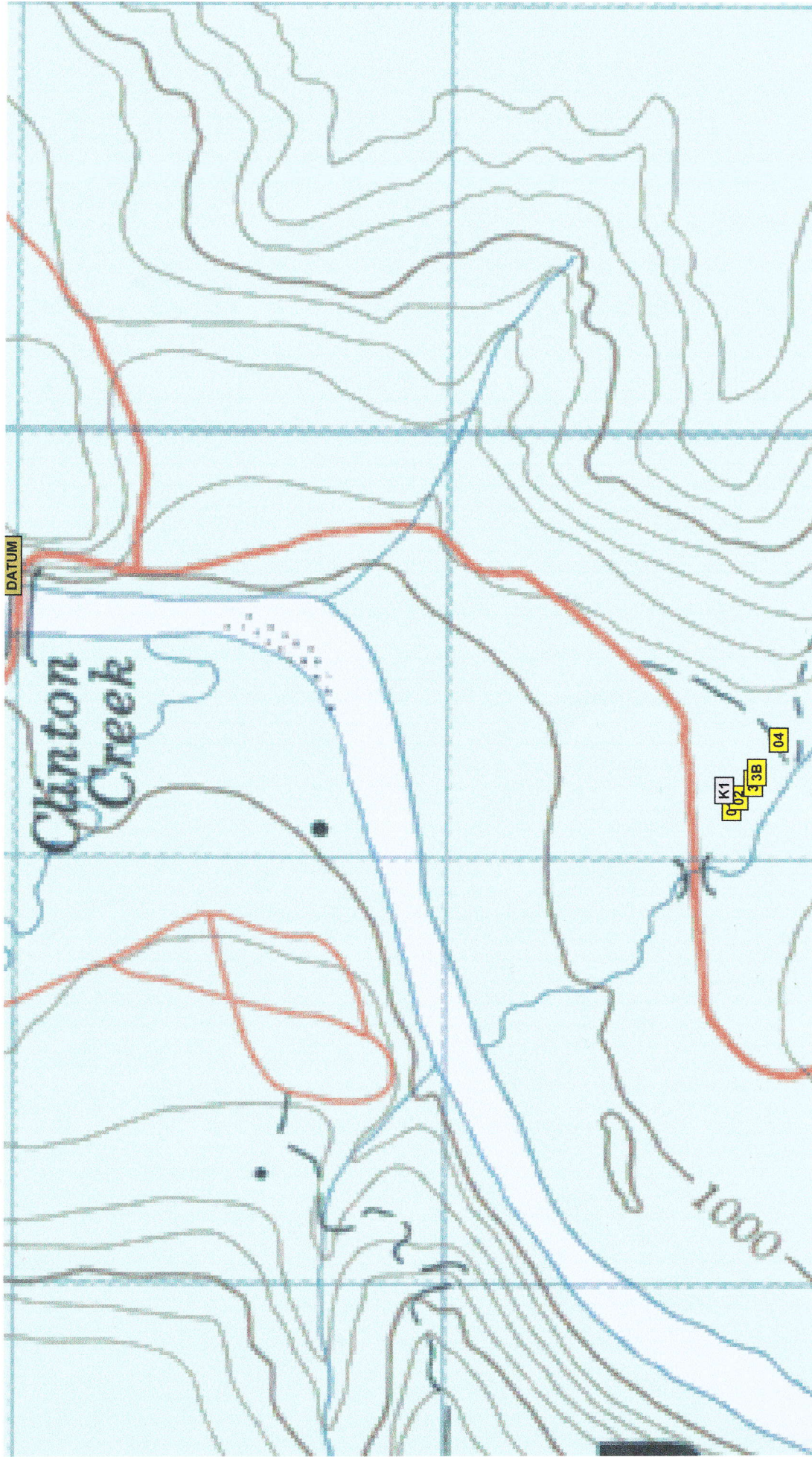
(m)



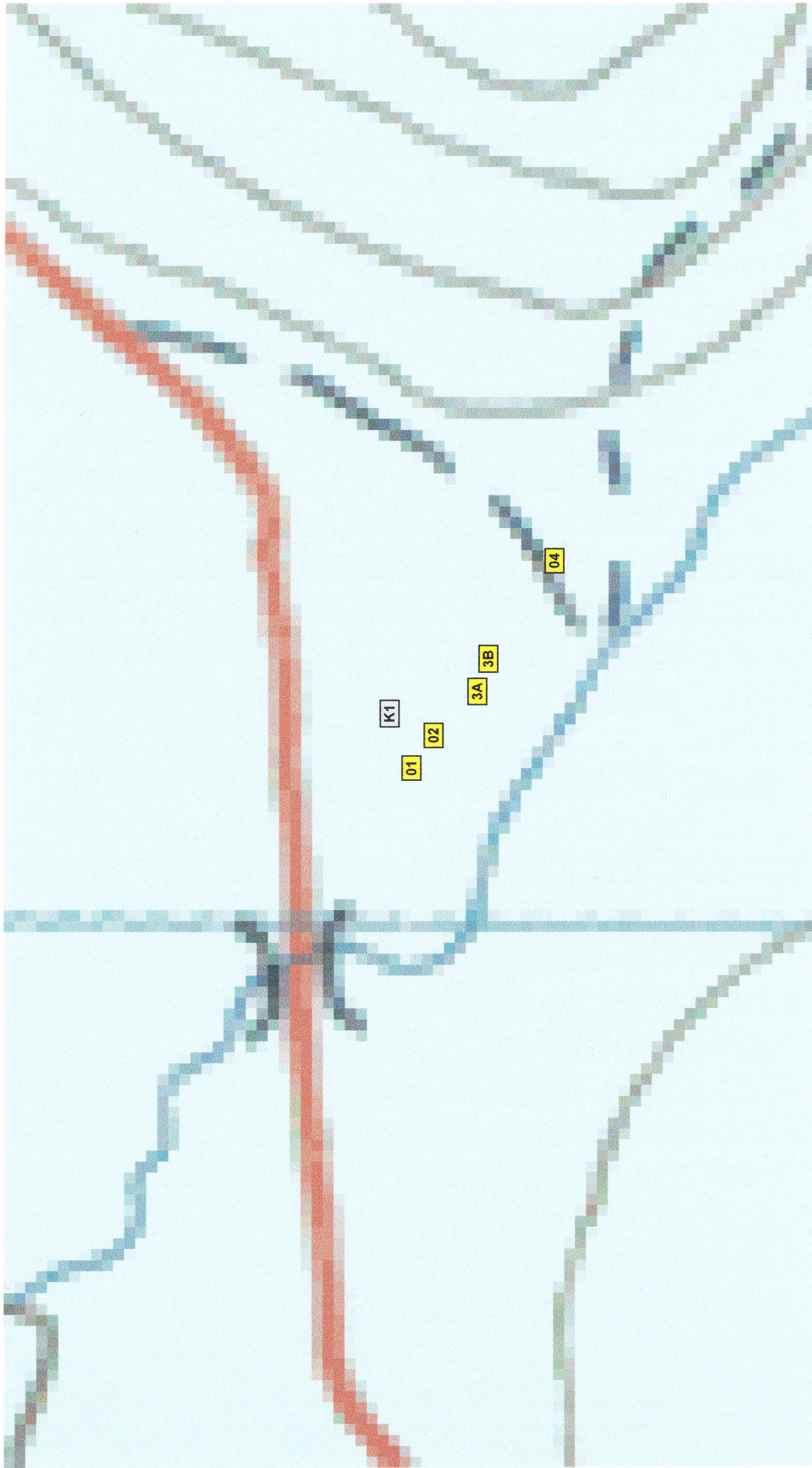
SK8: Location Sketch for 0.5-2.0 cu.m samples, left at surface Sept. '06

● 6"  $\phi$  AUGER HOLE (DEPTH) JULY '07





SK 7 Mickey Creek: drill hole D1 to 04  
excavation K1



2007 Mickey Creek: drill hole 01 to 04  
Excavation: K1

SKB

# CLINTON TARGET EVALUATION 2007 - TEST HOLE & SAMPLE LOG

See attached reference map for locations. Stockpiled 2006, sluiced 2007.

TH #	Type	Samp. Size (cu. yd.)	Elev.	Dpth(ft)	Gold Qty.	Soil & Clast Description
L1	Excav.	0.21	1021	8.3	?	
		0.40	"	11.6	?	
L2	"	0.27	<b>1028</b>	10.0	2ms	lots of black sand, wide variety of pebbles <b>datum for grav pit</b>
		0.35	"	13.2	6ms,2sfl	lots of black sand
L3	"	0.40		12.4	0	
L4	"	0.40		6.6	3sp	lots of black sand
				13.2	1mf,8sp	lots of black sand
				14.9	1sp	lots of black sand
L5	"	0.27		8.3	0	lots of black sand
		0.53		14.9	0	lots of black sand
C1	"	0.27		7.3	0	lots of black sand
		0.40		11.6	0	lots of black sand
		0.40		14.9	0	lots of black sand
C2	"	0.39		10.0	0	lots of black sand
		0.40		13.2	0	lots of black sand
		0.40		14.9	0	lots of black sand
L6	"	Pan		0-19.5	0	Various pans from Excav. Stockpiles
N1-9	"	0.30		31ft, 3mf, 1.01,4sfl,50sp,	0	Various pans from Excav. Stockpiles.
K1				9 ft.	0	Kubota Mickey claim
K2				9 ft.	0	Kubota Trenching Power Line
K3				9 ft.	0	Kubota Trenching Power Line
K4				9 ft.	0	Kubota Chelle claim

# CLINTON TARGET EVALUATION 2007 - TEST HOLE & SAMPLE LOG

See attached reference map for locations

TH #	Type	Samp. Size (cu. yd.)	Elev.	Dpth(ft)	Gold Qty.	Soil & Clast Description		
1	Drill			0.0		Area stripped of organic and mineral soils.		
				7.5 l	0-4.0	0	Sand & gravel. Some blacksand (b.s.)	
				2.5 l	4-7.5	0	Sand, some silt & gravel. Water @ 6'. Some b.s.	
					8.0		Hard cobble layer. Drill refusal. EOH	
2	"			0-5.0		0 Sand & gravel, some silt. Hard cobble layer @ 6' Some b.s. & little garnet		
				4.5 l	5-15.0	0	Alternating layers (approx. 24"dp) Cobbles, some sand vs. Sand & round grav w/ some silt. Samp @ 7.5 & 15' Lots b.s., little garnet	
					15.0	0	Increase clays. Fract. Bedrock. Water. EOH Lots b.s., little garnet	
3A	"	2.5 l		0-2.5	0	Sml cobbles & silts. Some b.s.		
					2.5-4.0		Larger angular rocks. Drill refusal. EOH	
3B	"			0-2.5		Sml cobbles & silts		
				3.6 l	2.5-4.0	0	Larger round & angular rocks.	
				2.5 l	4-9.0	0	Sml angular grav & cobbles, some silts Lots b.s.	
					9-13.0		Ang sml grav w/ silts & some clay/sand. Water @ 10'	
					13-16.5		Larger boulders.	
				7.5 l	16.5-19	0	Even mix of sml cobble, ang grav, sand, silt, clay Lots b.s. Fractured bedrock. EOH	
4	"	2.5 l		0-4.0	0	Silt w/ some fine sand & clay		
					4-8.0		Some larger angular increase with depth	
					2.0 l	8-9.0	0	No b.s.
					2.0 l	9-10.0	0	Large angular rock & silts. No b.s.
						10.0		Fractured bedrock. EOH

# CLINTON TARGET EVALUATION 2007 - TEST HOLE & SAMPLE LOG

See attached reference map for locations

TH #	Type	Samp. Size (cu. yd.)	Elev.	Dpth(ft)	Gold Qty.	Soil & Clast Description		
5	Drill			0-4.0		Sml-med round gravels w/ fine sand and silt		
		9.5 l		4-12.0		Sml-med round gravels w/ sml angular, coarse sand some silts. Sample @ 9 & 12'		
		5.5 l		12-16.0				
		2.5 l		16-20.5		Sml-med round gravels w/ some fine sand and silt		
		2.0 l		20.5-22		0 Increase in angular. Bedrock. EOH		
6A	"	2.5 l		0-4.0		Sml-med round gravels w/ fine sand and silt		
				4-6.0		Layer of larger boulders. Drill refusal. EOH		
6B	"	5.5 l		0-6.0		Sml-med round gravels w/ fine sand and silt		
				6-8.0		Layer of larger boulders. Drill refusal. EOH		
6C	"			0-6.0		Sml-med round gravels w/ fine sand and silt		
				6-8.0		Layer of larger boulders.		
				5.0 l		8-12.0	0	Sml-med cobble & ang gravels w/ some coarse sands & silts
				5.0 l		12-17.0		Same as above w/ increase in fine-coarse sands. Water @ 14.5'
				5.0 l		17-18.0	0	Fine-sml ang grav w/ coarse/fine sand moving to decomposed bedrock. EOH
7	"	2.5 l		0-6.0		0 Sandy gravels. Lots of blacksand.		
				7.5 l		6-8.5	0	Sand predominates. Lots of blacksand. Garnet. Wet @ 8.5'
				6.0 l		8.5-12		Increase to predom large round grav. Drill refusal. EOH
8	"			0-3.0		Sml-med round gravels w/ fine sand and silt		
				7.5 l		3-6.0		Sand w/ some sml cobble & silts. Sample @ 4.5'
				3.7 l		6-8.0		Transition to sands w/ little silt, pure orange. Wet@7'
						8-10.0		Sml-Lge grav w/ some sandy silt
						10-11.0		Transition to sands w/ little silt, pure orange.
		2.0 l		11-12.0	0	Sml-Lge grav w/ some sandy & decomp bedrock. Drill refusal. EOH		

## CLINTON TARGET EVALUATION 2007 - TEST HOLE & SAMPLE LOG

See attached reference map for locations

TH #	Type	Samp. Size (cu. yd.)	Elev.	Dpth(ft)	Gold Qty.	Soil & Clast Description
9A	Drill			0-2.5		Sml-med round gravels w/ fine sand and silt
		2.0 l		2.5-4		Sml grey ang grav w/ some med ang & silts. Moving to large angular. Drill refusal. EOH
9B	"	5.0 l		0-4.0		Sml-med round gravels w/ fine sand and silt
		9.0 l		4-8.0	0	Med cobbles & ang grav w/ sandy/silt lg. round rock layers. Drill refusal. EOH. Samples @ 4' & 7.5'
10	"			0-2.5		Sml-med round gravels w/ fine sand and silt Drill refusal. EOH
11A	"			0-1.5		Small ang. w/ some sandy, silt
		2.0 l		1.5-5.0		Sml-med ang & round grav w/ some silty sand
				5-6.0	0	Larger angular. Drill refusal. EOH. Little b.s.
11B	"	5.0 l		0-6.0		Sml-med ang & round grav w/ some silty sand Sample @ 6'. Little b.s.
		7.5 l		6-10.5		Grav lessens to little with depth. Predom sands w/ some silts. Little b.s
		7.5 l		10.5-17		Alternating layers (approx. 18"dp) sml-med round grav, sand & some silt vs. Sand some silt. Samp@12,14,16'
		7.5 l		17.0	0	Drill refusal. Fract. bedrock. EOH. Little b.s.
12				0-1.5		Organics
		3.2 l		1.5-5.5		Sands w/ some silt & little gravel.
		3.2 l		5.5-8.0	0	Sml-med grav, increasing to large w/ depth. Some silty sand. Drill refusal, shallow bedrock. EOH

## CLINTON TARGET EVALUATION 2007 - TEST HOLE & SAMPLE LOG

See attached reference map for locations

TH #	Type	Samp. Size (cu. yd.)	Elev.	Dpth(ft)	Gold Qty.	Soil & Clast Description
13A	Drill	3.6 l		1-2.5		Coarse sand & fine gravel.
		1.5 l		3.5		Larger ang. & cobbles. Drill refusal. EOH
13B	"			0-2.5		Same as 13B
		5.0 l		2.5-7.5		Sand, some sml. Cobble, ang. & silt
		7.5 l		7.5-11.0		0 Increasing larger gravels. Drill refusal. EOH
14	"			1-2.5		Coarse sand & fine gravel.
				4.0		Larger ang. & cobbles. Drill refusal. EOH
15	"			1-6.5		0.5-1.5" ang. & round w/ some silt & sand
				6.5-14.5		Alternating layers (approx. 18"dp) sml-med round grav, some silt & ang grav vs. Sand, some silt
		12.5 l		14.5-16		0 Fractured bedrock. EOH. Lots b.s
16	"			1-7.5		0.5-1.5" ang. & round w/ some silt & sand
		2.50 l		7.5-20		Alternating layers (approx. 18"dp) sml-med round grav, some silt & ang grav vs. Sand, some silt
		15.5 l		20-21		0 Fractured bedrock. EOH
17	"			1-7.0		0.5-1.5" ang. & round w/ some silt & sand
				7-21.5		Alternating layers (approx. 18"dp) sml-med round grav, some silt & ang grav vs. Sand, some silt
		35.0 l		21.5-24		0 Increase clays. Fract. Bedrock. Water. EOH
18	"	2.0 l		1-2.5		Mineral soils w, some sml gravel.
		6.0 l		2.5-5.5		Fract. sml-med cobbles & silty sand. Increase in clay/silt with depth
		7.5 l		5.5-7		0 Increasing larger ang. Drill refusal. EOH
19	"			1-7.0		Mineral soils w, some sml gravel.
		5.0 l		7-9.0		Ang. gravel, predom. Quartz & sandy silt
				9-12.0		Sml cobble & ang. w/ sandy silt
		7.5 l		12-14.5		Sml ang.& silty clay

## CLINTON TARGET EVALUATION 2007 - TEST HOLE & SAMPLE LOG

See attached reference map for locations

TH #	Type	Samp. Size (cu. yd.)	Elev.	Dpth(ft)	Gold Qty.	Soil & Clast Description
19	Drill	7.5 l		14.5-21	0	Increase in larger angular with depth. Water & bedrock clays. EOH.
20A	"	7.5 l		1-9.0		Ang. gravel, predom. Quartz & sandy silt
		5.0 l		9-11.0		Increase in larger angular with depth. Talus or bedrock. EOH
20B	"	2.5 l		1-11.0	0	Same as 20A. EOH
21A	"			1-4.5		Graphitic schist mud. Increase in talus or ang bedrock with depth.
				5.0		Drill refusal. EOH
21B	"	7.5 l		1-5.0		Same as 21A. EOH
21C	"	7.5 l		1-4.0		Graphitic schist mud. Increase in talus or ang bedrock with depth.
		10.0 l		4-6.5		Sml ang cobble w/ clayey silt
		5.0 l		7.0	0	Drill refusal. Fract. Bedrock or talus. EOH
22	"	5.0 l		1-5.0		
		3.6 l		5-8.0		
		5.0 l		8-12.0		
		7.5 l		12-14.0		
		7.5 l		14-38.0		Sample @ 27-29'
		83.0 l		39.0	0	11 sample bags taken on final drill pull. EOH
23	"			1-12.0		
		5.0 l		12-17.0		
				17-23.0		
				23-43.0		
		45.0 l		44.0	0	6 sample bags taken on final drill pull. EOH
24	"			1-5.0		



# CLINTON TARGET EVALUATION 2007 - TEST HOLE & SAMPLE LOG

See attached reference map for locations

TH #	Type	Samp. Size (cu. yd.)	Elev.	Dpth(ft)	Gold Qty.	Soil & Clast Description
24	Drill	7.5 l		1-5.0		Increase in larger angular with depth. Water & bedrock clays. EOH.
		4x7.5 l		5-20.5		Samples @ 8,12,14,18'
		45.0 l		20.5-22		0 6 sample bags taken on final drill pull. EOH

DRILL LOGJULY 2007

DRILL HOLE #	DEPTH (ft)	DESCRIPTION
PT07-01	Ø	AREA STRIPPED
	Ø - 4	SANDS & GRAVEL - BAG SAMPLE @ 4'
	4 - 8	SAND, SOME SILT - 1/3 BAG SAMPLE @ 7.5' WATER @ 6'
	8	HARD COBBLE LAYER. DRILL REFUSAL. E.O.H.
-02	Ø	AREA STRIPPED
	Ø - 5	SAND & GRAVEL, SOME SILT
	5	HARD COBBLE LAYER
	5 - 15	ALTERNATING PROFILES OF ±2' COBBLES & 2' SAND & GRAVEL, SOME SILT 1/3 BAG SAMPLE @ 7.5, 1/4 BAG SAMP. @ 15'
-03A	15	SIGN OF FRACTURED BEDROCK. E.O.H.
	Ø - 2.5	SMALL COBBLES & SILTS - 1/3 BAG SAMP @ 2.5'
	2.5 - 4.0	LARGER ROCK, SOME ANGULAR
-03B	4	DRILL REFUSAL - E.O.H.
	Ø - 2.5	SMALL COBBLES & SILTS
	2.5 - 4.0	LARGE ROUND & ANGULAR ROCK - 1/2 BAG SAMP.
	4 - 9	SMALL ANGULAR & SMALL COBBLE, SOME SILTS 1/3 BAG SAMPLE @ 9'
	9 - 13	ANGULAR SMALL GRAVEL & SILT, SOME SAND/CLAY WATER @ 10'
	13 - 16.5	LARGER BOULDERS
	16.5 - 19	EVEN MIX: SMALL COBBLE & ANGULAR, SAND CLAY, SILT. FULL BAG SAMP @ 18-19'
	19	SIGN OF FRACTURED BEDROCK. E.O.H.

DRILL HOLE #	DEPTH (ft)	DESCRIPTION
DT07-04	0 - 4	SILT, SOME FINE SAND & CLAY - 1/3 BAG SAMP.
	4 - 8	SAME AS ABOVE, INCREASE LARGER ANGULAR w/DEPTH
	8 - 9	SILT, SOME SMALL COBBLE & ANGULAR 1/2 BAG. SAMP.
	9 - 10	LARGE ANGULAR & SILTS. 1/4 BAG SAMP.
	10	FRACTURED BEDROCK. E.O.H.
-05	0 - 4	1/2 - 2" ROUND GRAVEL w/FINE SAND & SILT
	4 - 12	1/2 - 1" " " w/FINE ANGULAR, COARSE SAND. SOME SILTS. 3/4 BAG SAMP. @ 9', 1/2 BAG SAMP. @ 10-12'
	12 - 16	1/2 - 1 1/2" ROUND GRAVEL, SOME FINE SAND/SILT 2/3 BAG SAMP @ 15'
	16 - 20.5	1/2 - 1 1/2" ROUND GRAVEL, FINE ANG. & COARSE SAND, SOME 3" ROUND GRAVEL. 1/3 BAG SAMP.
	20.5 - 22	SAME AS ABOVE w/ INCREASE IN FINE ANG. & COARSE SAND, SOME SILT. SIGNS OF BEDROCK. 1/4 BAG SAMP. @ 21'
	22	E.O.H.
-06A	0 - 4	SAME AS #05. 1/3 BAG SAMP. @ 4'
	4 - 6	LAYER OF LARGER BOULDERS. DRILL REFUSAL @ E.O.H. @ 6'.
-06B	0 - 6	1/2 - 2" RD. GRAVEL w/ FINE SAND & SILT
	6 - 8	LAYER OF LARGER BOULDERS. DRILL REFUSAL & E.O.H. @ 8'

DRILL HOLE #	DEPTH (ft)	DESCRIPTION
DT07-06C	0-6	SAME AS #06B
	6-8	LAYER OF LARGER BOULDER
	8-12	MIX: 1-2" COBBLE & 1/2-1 1/2" ANG. W/FINE TO COARSE SANDS, SOME SILTS. 2/3 BAG SAMP.
	12-17	SAME AS ABOVE. INCREASE IN FINE TO COARSE SANDS. WATER @ 14.5'. 2/3 BAG SAMP. 15-17'
	17-18	SMALL TO FINE ANGULAR / COARSE & FINE SAND. 1/3 BAG SAMPLE
	18	DECOMPOSED BEDROCK. E.O.H.
-07	0-6	SAME AS #06B W/INCREASED SAND 1/3 BAG SAMP. @ 5-6'
	6-8.5	SAND PREDOMINATES. WET @ 8.5'. FULL BAG SAMP.
	8.5-12	INCREASE TO PREDOMINATING LARGE RD. GRAVEL, 3/4 BAG SAMPLE @ 9.5' & 10-11' DRILL REFUSAL & E.O.H. @ 12'
-08	0-3	SAME AS #06B (0-6')
	3-6	SAND, SOME SMALL COBBLE & SILT. FULL BAG SAMPLE @ 4.5'
	6-8	ORANGE SAND, ALMOST PURE. WET @ 7' 1/2 BAG SAMP.
	8-10	SMALL TO LARGE GRAVEL, SOME SAND/SILT
	10-11	SAME AS 6-8'
-09A	11-12	SAME AS 8-10'. DECAYING ANGULAR (BEDROCK) 1/4 BAG SAMP. DRILL REFUSAL & E.O.H. @ 12'
	0-2.5	SAME AS #06B
	2.5-4	SMALL GREY ANG., SOME MED. ANG. & SILT LARGER ANGULAR @ 4' DRILL REFUSAL & E.O.H @ 4'. 1/4 BAG SAMP. @ 3.5'

DRILL LOG - JULY 2007 cont'd.

PG 4

DRILL HOLE #	DEPTH (ft)	DESCRIPTION
DT07-09B	0-4	SAME AS #09A
	4-8	MED. COBBLES & ANGULAR w/ SAND/SILT LAYERS OF LARGE ROCK. 2/3 BAG SAMP. @ 4', 1/2 BAG SAMP @ 5.5', 2/3 BAG SAMP @ 7.5' DRILL REFUSAL, E.O.H. @ 8'
-10	0-2.5	SAME AS #06B (0-6')
	2.5	DRILL REFUSAL LARGE RD & ANG. ROCK, E.O.H.
-11A	0-1.5	MINIMAL ORGANIC. SMALL ANG., SOME SAND/SILT
	1.5-5.0	1/2 - 1 1/2" Ø ANG. & RD w/ SILT, SOME SAND 1/4 BAG SAMP. @ 4' & 5'
	5-6	LARGER ANGULAR. DRILL REFUSAL, E.O.H @ 6'
-11B	0-6	SAME AS #11A. 2/3 BAG SAMP. @ 6'
	6-10.5	GRAVEL LESSEN TO LITTLE w/ DEPTH. PREDOM. SAND, SOME SILT. FULL BAG SAMPLE @ 8-10'
	10.5-17	ALTERNATING PROFILES OF ±1.5' DP. SHALL TO MED RD. GRAVEL & SAND & SOME SILT & ANG. GRAV. WITH ±1.5' DP SAND, SOME SILT. 1/2 BAG SAMP. @ 12' & FULL BAG SAMP @ 14' & 16'
	17	FRACT. BEDROCK, E.O.H. FULL BAG. SAMP.
-12	0-1.5	SAME AS #11A
	1.5-5.5	SAND, SOME SILT, LITTLE SHL GRAVEL 1/2 BAG SAMP 4.5-5.5'
	5.5-8	SHALL TO MED GRAVEL (INCREASING TO LARGE w/ DEPTH, SOME SILT/SAND
	8	1/2 BAG SAMP. @ 7.5'. DRILL REFUSAL, E.O.H

DRILL HOLE #	DEPTH (ft)	DESCRIPTION
DT07-13A	0 - 1	ORGANICS
	1 - 2.5	COARSE SAND & FINE GRAVEL, SOME SML. GRAY
	2.5 - 4	LARGER GRAVEL, MED. COBBLES & ANG. 1/4 BAG SAMPLE
	4	DRILL REFUSAL, E.O.H.
-13B	0 - 2.5	SAME AS #13A
	2.5 - 7.5	SAND w/ SOME SML COBBLE & ANG. & SILT 2/3 BAG SAMPLE @ 4-5.5'
	7.5 - 11	SAME AS ABOVE, INCREASING LARGE GRAVELS, FULL BAG SAMP @ 7-10'. DRILL REFUSAL, E.O.H. @ 11'
-14	0 - 4	SAME AS #13A
-15	0 - 1	ORGANIC
	1 - 6.5	1/2 - 1 1/2" ANG. & RD., SILT, SOME SAND
	6.5 - 14.5	ALTERNATING PROFILES OF ±1.5' DP SML. TO MED. RD. GRAVEL & SAND, SOME SILT & ANG. GRAV, WITH ±1.5' DP SAND, SOME SILT
	14.5 - 16	INCREASE IN LARGE ANG. FRACT. BEDROCK, E.O.H. @ 16'. 1 2/3 BAG SAMPLE @ 15-16'
-16	0 - 7.5	SAME AS #15 (0-6.5')
	7.5 - 20	SAME AS #15 (6.5-14.5'), 1/3 BAG SAMP. @ 15-18'
	20 - 21	SAME AS #15 (14.5-16'), 3 x 2/3 BAG SAMP. @ 17-21'. FRACT. BEDROCK, E.O.H. @ 21'
-17	0 - 7	SAME AS #15 (0-6.5')
	7 - 21.5	SAME AS #15 (6.5-14.5')
	21.5 - 24	SAME AS ABOVE, WATER, SOME CLAY. S FULL BAG SAMP. @ 17-24'. FRACT. BEDROCK, E.O.H. @ 24'

DRILL LOG - JULY 2007 cont'd.

P. 6

WELL HOLE #	DEPTH (ft.)	DESCRIPTION
DTOT-18	0-0.5 0.5-2.5 2.5-5.5 5.5-7.0	ORGANIC MINERAL SOILS & SML GRAVEL. 1/4 BAG SAMP. FRACT. COBBLES (SML. TO MED.) & SILTY SAND INCREASE CLAY & SILT w/DEPTH. 3/4 BAG SAMP @ 4.5' SAME AS ABOVE w/ LARGE ANGULAR. 2/3 BAG SAMP. @ 5-6', FULL BAG SAMP. @ 7'
-19	7 0-7 7-9 9-12 12-14.5 14.5-21	DRILL REFUSAL, E.O.H. SAME AS #18. PREDOM. ANG. ANG. GRAVEL (PREDOM. QUARTZ) & SANDY SILT 2/3 BAG. SAMP. SML. COBBLE & ANG. w/ SANDY SILT SML. ANG. w/ SILTY CLAY. FULL BAG SAMP @ 13' & 14.5' SAME AS ABOVE, LARGER ANG. w/DEPTH. WATER & BEDROCK CLAY, E.O.H. @ 21' FULL BAG SAMP. 20'
-20A	0-9 9-11	SAME AS #19. FULL BAG SAMP. @ 7-9' INCREASE IN LARGER ANGULAR. (BEDROCK OR TALUS). 2/3 BAG SAMP. DRILL REFUSAL, E.O.H. @ 11'
-20B	0-11	SAME AS 20A. FULL BAG SAMP. @ 7-9', 1/3 BAG SAMP @ 9-11'.
-21A	0-1 1-4.5 4.5-5	ORGANICS GRAPHITIC SCHIST MUDS ABOVE w/ LARGE ANGULAR (BEDROCK OR TALUS). DRILL REFUSAL, E.O.H. @ 5'
-21B	0-5	SAME AS #21A. FULL BAG SAMP. @ 4.5'

DRILL HOLE #	DEPTH (ft.)	DESCRIPTION
DT07-21C	0 - 4	SAME AS #21A (0-4.5')
	4 - 6.5	SMALL ANG. CORBBLE w/CLAYEY SILT; 2/3 BAG SAMP. @ 5', 1/2 BAG SAMP. @ 6'
	6.5 - 7	LARGE ANG. (TALUS OR BED.) 2/3 BAG SAMP., DRILL REFUSAL, E.O.H. @ 7'
-22	0 - 0.5	ORGANIC
	0.5 - 5	SANDY SILTS, SOME SHL, ANG. 2/3 BAG SAMP @ 5'
	5 - 8	INCREASE IN CLAY & SHL. GRAVELS 1/2 BAG SAMP. @ 6'
	8 - 12	SAME AS (0.5-5'), 2/3 BAG SAMP.
	12 - 14	LARGER ANG. GRAVELS, FULL BAG SAMP.
	14 - 38	ALTERNATING PROFILES OF 1-3' DEEP CLAYEY SILT, SOME SAND, LITTLE SHL. ANG. WITH 0.5-2' DEEP CLAYEY SILT, SOME SHL. TO MED. ANG. GRAVEL. FULL BAG SAMP @ 27-29' CLAY, LITTLE SILT. BEDROCK, E.O.H. @ 39' 11 FULL BAG SAMP. ON FINAL DRILL PULL.
-23	0 - 12	SAME AS #22
	12 - 17	CLAYEY SILT, SOME SAND, LITTLE FINE ANG. 2/3 BAG SAMP. @ 17'
	17 - 23	CLAYEY SILT, SOME SHL, TO MED. ANG. GRAVEL
	23 - 43	SAME AS #22 (14-38')
-24	43 - 44	SAME AS #22 (38-39'), 8 FULL BAG SAMP. ON PULL
	0 - 5	SAME AS #22
	5 - 20.5	SAME AS #22 (14'-38'). FULL BAG SAMP. @ 8, 12, 14, 18'
	20.5 - 22	INCREASE LARGE ANG. & CLAY. DRILL REFUSAL, E.O.H. @ 22' (TALUS OR BEDROCK.) 6 FULL BAG SAMP. ON FINAL DRILL PULL