Bruin Browns Project

YMIP Focused Regional 10-140

Prospecting Report

Prospecting for placer gold on locations on the watersheds of Browns Creek and Bruin Creek bounded by UTM coordinates 507000E to 521000E and 7113000N to 7126000N on maps NTS 116C02 and NTS 116C07, including a 4 mile placer lease staked on Browns Creek

March 31, 2011

by Grant Allan

Table of Contents

YMIP 10-140 Bruin Browns Project

Summary Report

Bruin Browns Creek project Summary Report: YMIP 10-140

March 30, 2011

Grant Allan
Box 31486
Whitehorse, Y.T.
Y1A 6K8

867-668-3367
gallan@northwestel.net

The target area prospected was on selected locations on the Browns and Bruin Creeks watersheds on the NTS maps 116CO2 and 116C07 in the Dawson Mining District.

Background:

The deposit type found is a placer gold deposit, which could have been eroded from ancient river channels in part, or from locally eroded hard rock deposits. There is fluvial outwash from tributary streams with silt and sand layers and slide debris as well. Bedrock is usually decomposed quartz-mica schist. (reference GSC Memoir 364, Geology of Nash Creek, Larsen Creek and Dawson Map Areas, Yukon Territory by L.H. Green.

Prospectors and miners have been in the region since the 1880's. From reports from more recent prospectors I have learned that coarse gold has been mined at at some locations on the creeks. There are reports of 250,000 cu.yds. of material paying $15 a yd. when gold was less than half of the current price. Over the past 125 or so years gold has been found and mined successfully in similar surficial geological locations in this area in the Canadian section of the 40 Mile River.

Methodology:

Samples of approximately .175 cu. ft. and up were panned, and where appropriate screened, and then panned. Larger samples were taken from shafts and pits from the last 3 feet above and into the bedrock. The shafts will be preserved if possible so interested prospective partners, optioners or buyers can get their own samples and test them. The pits, test holes and shafts were GPS located and mapped.

Description of field work:

In May initial prospecting and testing work was done up Browns Creek from near UTM 7126000N. A 4-mile section of the Creek was surveyed and staked as a four mile placer lease (see map). One of the purposes of this expedition was to find prospective locations for shafting in the winter, and possibly for trenching with an excavator if one became available.

The three person crew (G.Allan, D.Semple, D.Perron) accessed the creek via ATV over a 12 km. road on the ridge between the Bruin and Browns watersheds. The elevation of the ridge is about 3,400 feet gradually dropping as it goes north towards the Fortymile River valley. There was still snow to shovel and water to travel through at that time of year. I had made two attempts before successfully going all of the way down the ridge road and reaching Browns Creek. Access and transportation problems were an ongoing time difficulty for all of the expeditions and attempted expeditions during the spring, summer and into the winter. Much time and money was spent overcoming this and in repairs of equipment and vehicles.

On this first successful expedition test holes were dug and samples taken and tested with bucket, screen and pan. Fine gold and small flakes were found. (see maps and test hole sample table)

In late June a two-person crew headed to the upper left limit of Bruin Creek, set up camp and tested at 4 locations. There was considerable rain resulting in the creek overflowing its banks and the truck becoming stuck. Little gold was found on this expedition. (see maps and sample table)

In August three workers returned to mid Browns Creek and worked on several test holes and a trench on a bench. Possible locations were identified for planned winter shafting. In most test holes fine gold and flakes were found. (see maps and test hole sample table)

Again there were difficulties in accessing and returning due to soft ground and a washout that resulted in damage to one of the vehicles, which required repairs in Dawson and in Whitehorse. This made it difficult to launch another expedition in the fall and it was decided to focus on winter shafting, and a Hitachi Jackhammer and other equipment was purchased and accessed. Sean Payne did return to Browns and dug a pit, tested and found 10 colours in .35 cu. ft. of gravel at bedrock. (see map and sample table – TH 30)

Sean Payne was contracted to do the winter shafting. Difficulties with the snowmobiles, acquiring good help and cold weather delayed the first expedition. Then the first attempt was unsuccessful due to snow conditions and snowmobile difficulties. Later in the winter after medical issues were resolved a two man expedition made it to Browns Creek in March during the last cold snap of the year. They persisted and succeeded in digging at 9.5 ft. shaft to bedrock. Some gold was found and the gravel extracted will be fully tested in the spring.

On March 24th the next expedition reached Browns Creek and due to illness shafting was begun on a shaft at a second location further up the valley on the 26th. Bedrock was reached at 2 ft. Another shaft was begun and reached a depth of 5 ft. by the 29th and digging will continue in April. On the 30th work on equipment was done and Sean Payne returned to Dawson.

Recommendations:

The old cabin being used as a camp on Browns Creek should be improved. Mapping and surveying of the creek should be done to identify more locations where reefs cross the valley, which is where placer gold is likely more concentrated. Some of these locations should be tested by hand digging pits, trenches and shafts. An excavator, which needs some repairs, could be available or another excavator could be acquired to do mechanical testing. A small test trommel or sluice box should be acquired to do systematic testing of gravels from pits, trenches and shafts. Data should be analyzed and a pre-feasibility plan developed.

Others that have ground on Browns Creek should be further consulted to see if it is possible to co-operate and reduce expenses. Consideration should be given to staking additional ground on Browns Creek.

Soil and rock samples should be taken and assayed to evaluate the hard rock potential of the area.

Future Plans:

Shafting will continue into April, and after spring run-off the gravel from the shafts will be fully tested. The camp will be improved. Financing and partnerships and co-operation with others shall be sought. Further surveying and mapping of the valley will be done and digging and testing continued. An excavator and test plant will continue to be sought and estimates obtained. Additional ground will be staked. Further work and progress with the goal of eventually mining will depend upon finances and time availability.

Bruin Browns Project - 2010/11 — Test Hole Sample Table

Focused Regional YMIP 10 - 140

See Attached Location Maps

test holes	Gold Count	Volume sampled	Depth	Gravel Description & Details
1	0	.35 cu. ft.	12"	silt, ang15% round 85%
2	2 ssp	.35 cu. ft.	12"	silt, ang10% round 80%
3a	1lsp,3ssp	.175 cu.ft.	12"	round 100%
3b	4 msp, 3ssp	.175 cu.ft.	24"	silt, round 100 %
3c	2msp, 4 ssp	.35 cu. ft.	36"	sand, round 100%, little garnet
4	1lsp,2ssp	.35 cu. ft.	12"	silt, round 100%
5	0	.175 cu.ft.	12"	silt, ang 30%, round 70%
6a	1ssp	.175 cu.ft.	18"	silt, round 100%
6b	1 msp, 1 ssp	.35 cu.ft.	36"	sand, round 100%, little garnet
7a	1ssp	.175 cu.ft.	24"	sand, round 100%,
7b	2msp, 4ssp	.35 cu. ft.	36"	sand, round 100%
8	1lsp,1msp,3ssp	.35 cu.ft.	12"	silt,round 100%
9	2msp,3ssp	.525 cu. ft.	24"	silt, round 100%
Upper Bruin, left limit				
Shaft 10a	0	.175cu.ft.	12"	silt, 100% round
10b	0	.175cu.ft.	24"	sand, 20/80% round
10c	0	.175cu.ft.	48"	sand, 10/90% round
10d	2ssp	.525cu.ft.	60"	sand, 20/80% round
11a	0 mg	.175cu.ft.	12"	silt, 100% round
11b	1ssp	.35cu.ft.	30"	sand, 20/80% round
11c	4ssp	.525cu.ft.	48"	sand,20/80%round
12a	0	.175cu.ft.	12"	silt,100%round
12b	0	.175cu.ft.	24"	sand 20/80%
12c	2lsp	.35cu.ft.	36"	sand 20/80%
13a	0	.175cu.ft.	24"	silt, 100%round
13b	1ssp	.525cu.ft.	36"	sand, 20/80% round
mid Browns				
14	1lfl,2sfl,2msp, 5ssp	.525cu.ft.	36"	silt,sand,round
15	0	.175cu.ft.	12"	
16	1sfl,2msp,2ssp	.35cu.ft.	24"	
17a	1sfl,3lsp,2msp,5ssp	0.175cu.ft.	24"	
17b	1sfl,1lfl,3msp,5spk	.525cu.ft.	36"	
18	2ssp	.35cu.ft.	24"	silt,clay,small round
19	0	.35cu.ft.	24"	black silt,mostly angular
20	1mfl,3lsp,5ssp	.35cu.ft.	24"	sand,round
21	1mfl,4msp,8ssp	.35cu.ft.	24"	
22	1lfl,3sfl,3msp, 7ssp	.35cu.ft.	36"	
trench23a	0	.175cu.ft.	12"	trench 2.5'x10'x8' deep at upper end
23b	0	.175cu.ft.	24"	black, granular rocks and pebbles
23c	0	.175cu.ft.	48"	
23d	0	.175cu.ft.	84"	
23e	0	.175cu.ft.	96"	
24	2lsp,4ssp,	.175cu.ft.	12"	
25	4ssp	.175cu.ft.	12"	

26	2sfl,4lsp,3msp,6ssp	.35cu.ft.	18"	silt,sand,round
27	1mfl,5lsp, 6ssp	.175cu.ft.	24"	
28	2sfl,3lsp,5msp,7ssp	.35cu.ft.	24"	
29	1lfl,3lsp,2msp,4ssp	.35cu.ft.	18"	
30	10fl&sp	.35cu.ft.	60"	pit to bedrock,
Shafts				
31	test in spring		9.5 ft.	shaft to bedrock, will test in spring
32	test in spring		2ft.	shaft to bedrock, will test in spring
33	test in spring		5ft.	shaft to bedrock, will test in spring

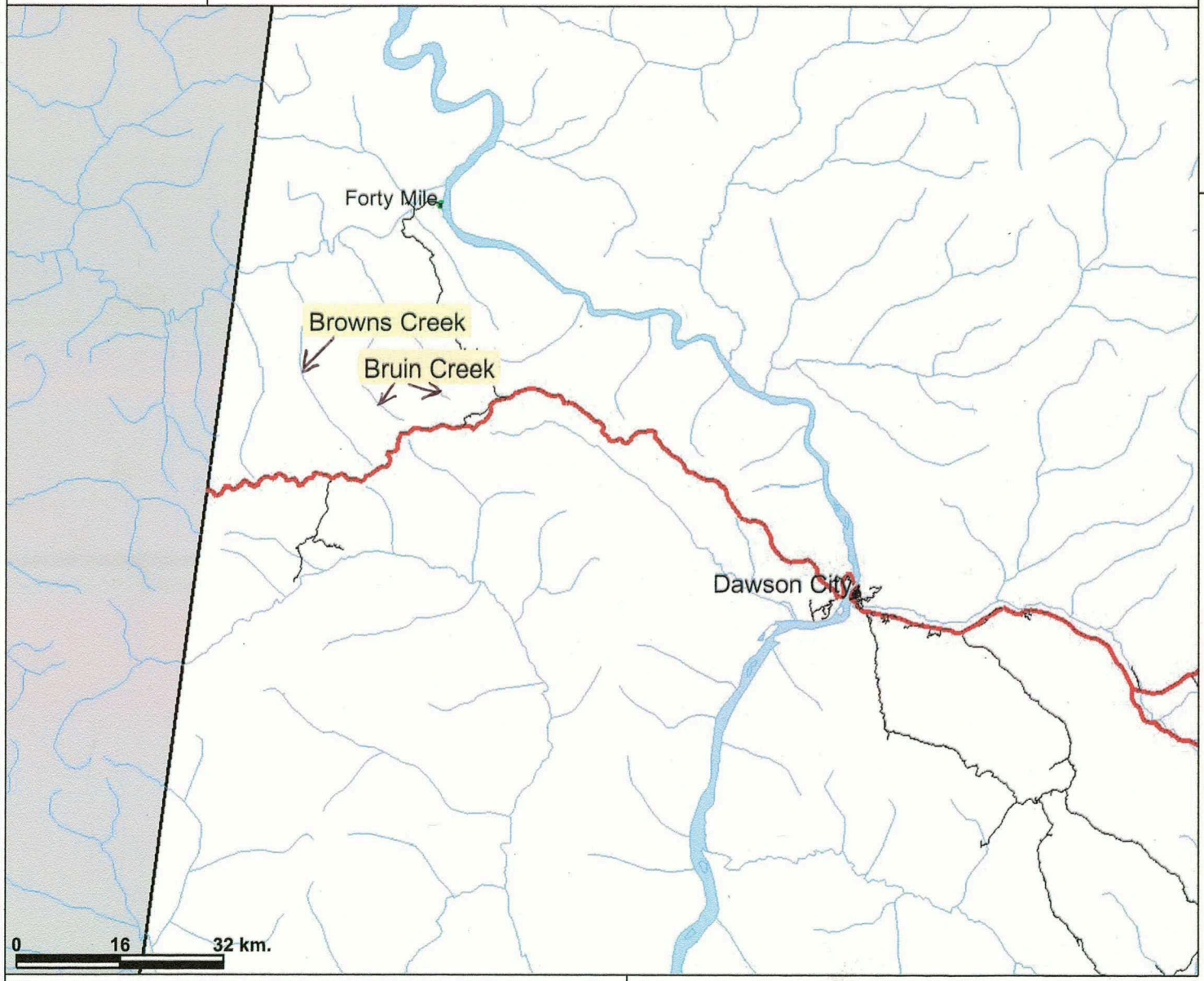
Values

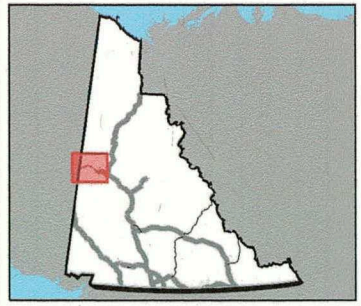
1 pan	.175 cu.ft.
2 pans	0.35 cu.ft.

	mg. gold
ssp	0.1
msp	0.2
lsp	0.5
sfl	2
mfl	4
lfl	8

Yukon
Energy, Mines and Resources

Location Map 1





Legend

- Yukon Border - Surveyed
- National Road Network - All Roads
- Expressway / Highway
- Arterial
- Collector
- Ramp
- Resource / Recreation
- Local / Street
- Local / Strata
- Local / Unknown
- Alley or Service Lane
- Service Lane
- Winter
- Places (All)
- City
- Town
- Municipality
- Village
- Community
- Settlement
- Native Settle
- Hamlet
- Historic Site

N

Scale: 1:925,815

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

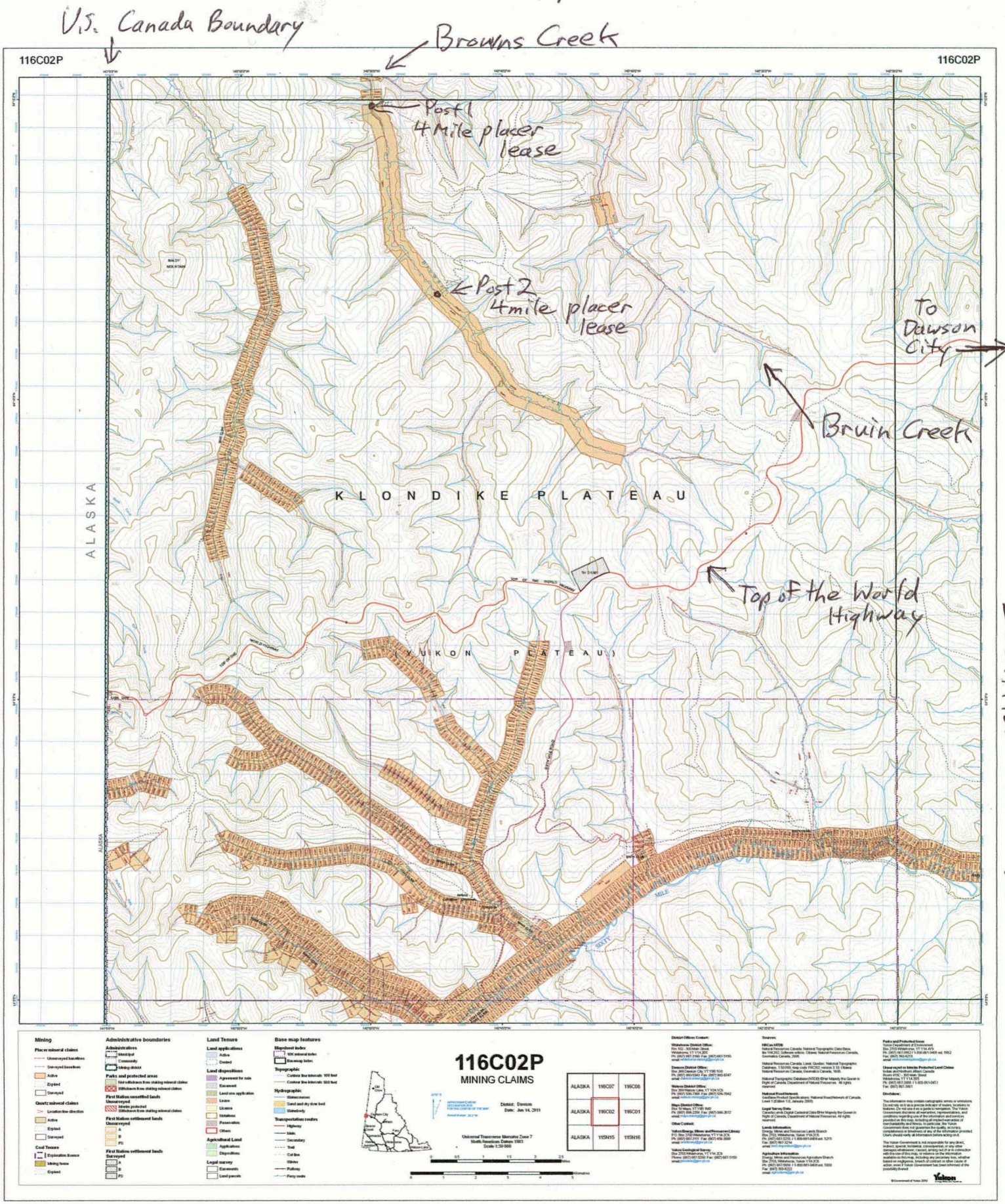
Date Printed: 29-Mar-2011 11:57:12 AM

Notes: Location of Browns Creek and Bruin Creek

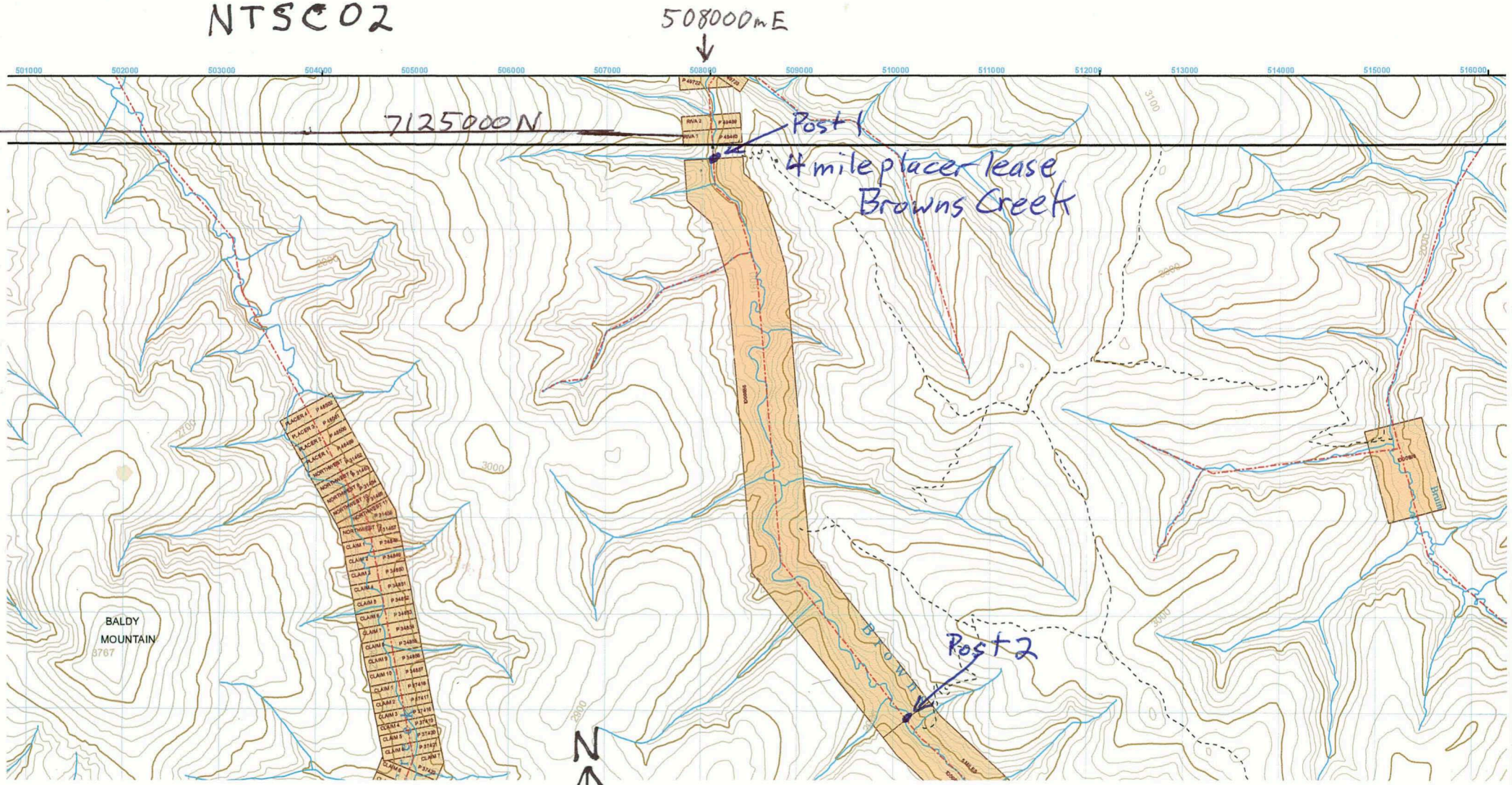
Location Map #1

9

Location Map #2



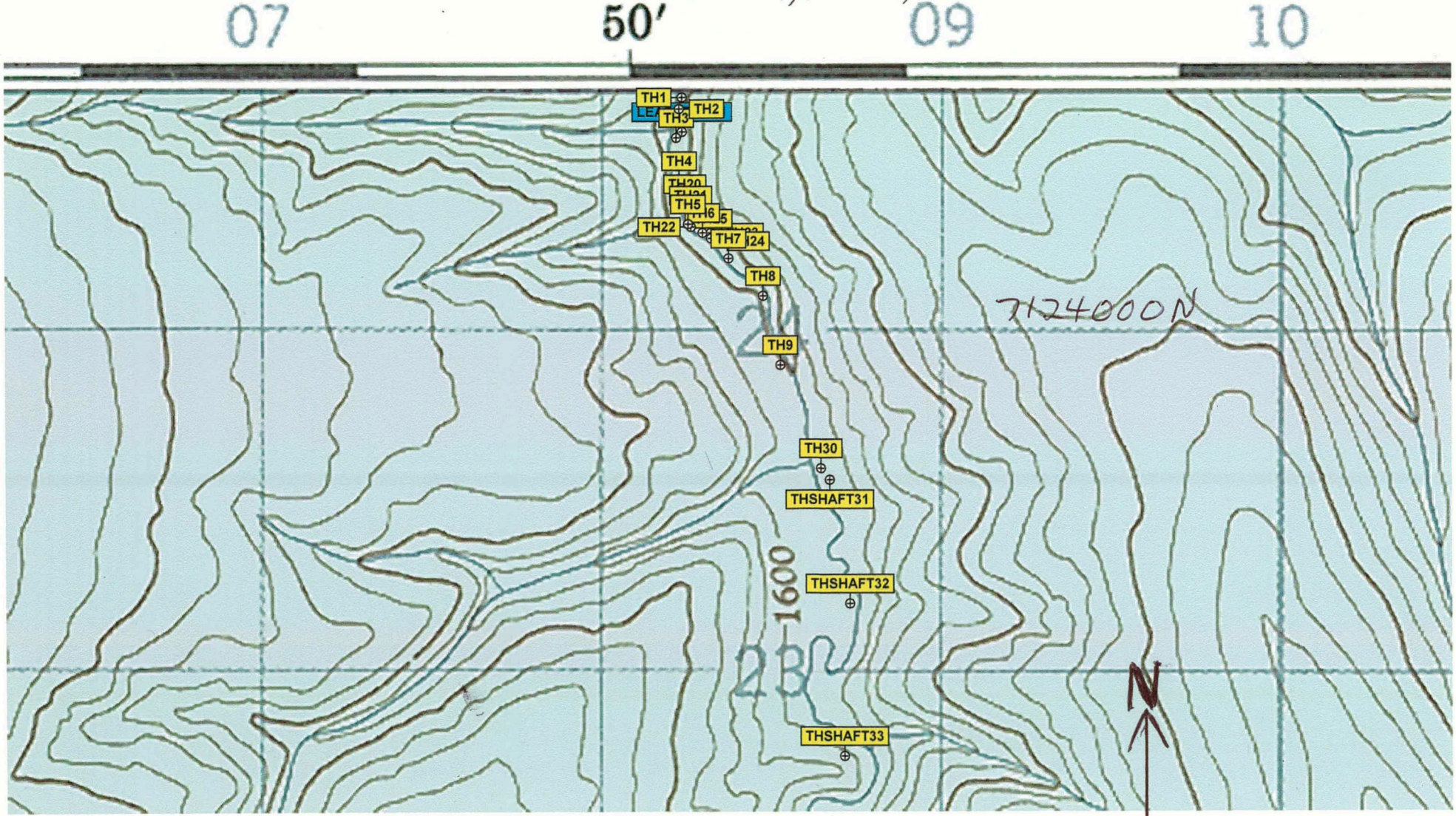
Location Map 3. Four mile placer lease on Browns Creek



Location Map # 3

116c02.png NAD27 Canada 3/31/2011

Test Hole Sample Map #1
TH 1-9, 20-25, 30-33 Browns Creek



508000E

Scale

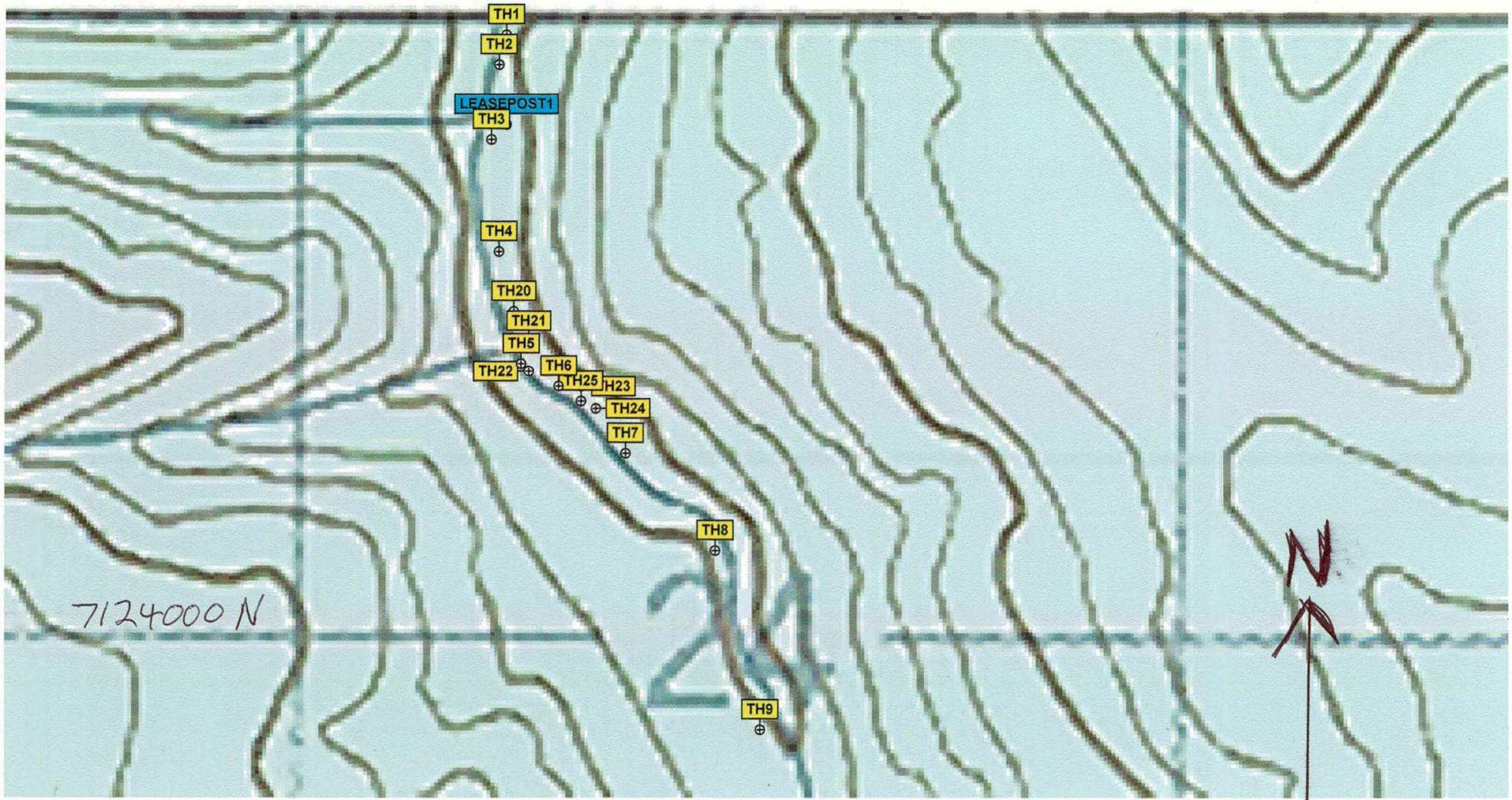
0 ¼km ½km ¾km 1km

Test Hole Sample Map #1
TH 1-9, 20-25
30-33
Browns Clk.

9

Test Hole Sample Map #2

116c02.png NAD27 Canada 3/28/2011 TH 1-9, 20-25 Browns Creek



508000 mE

Scale

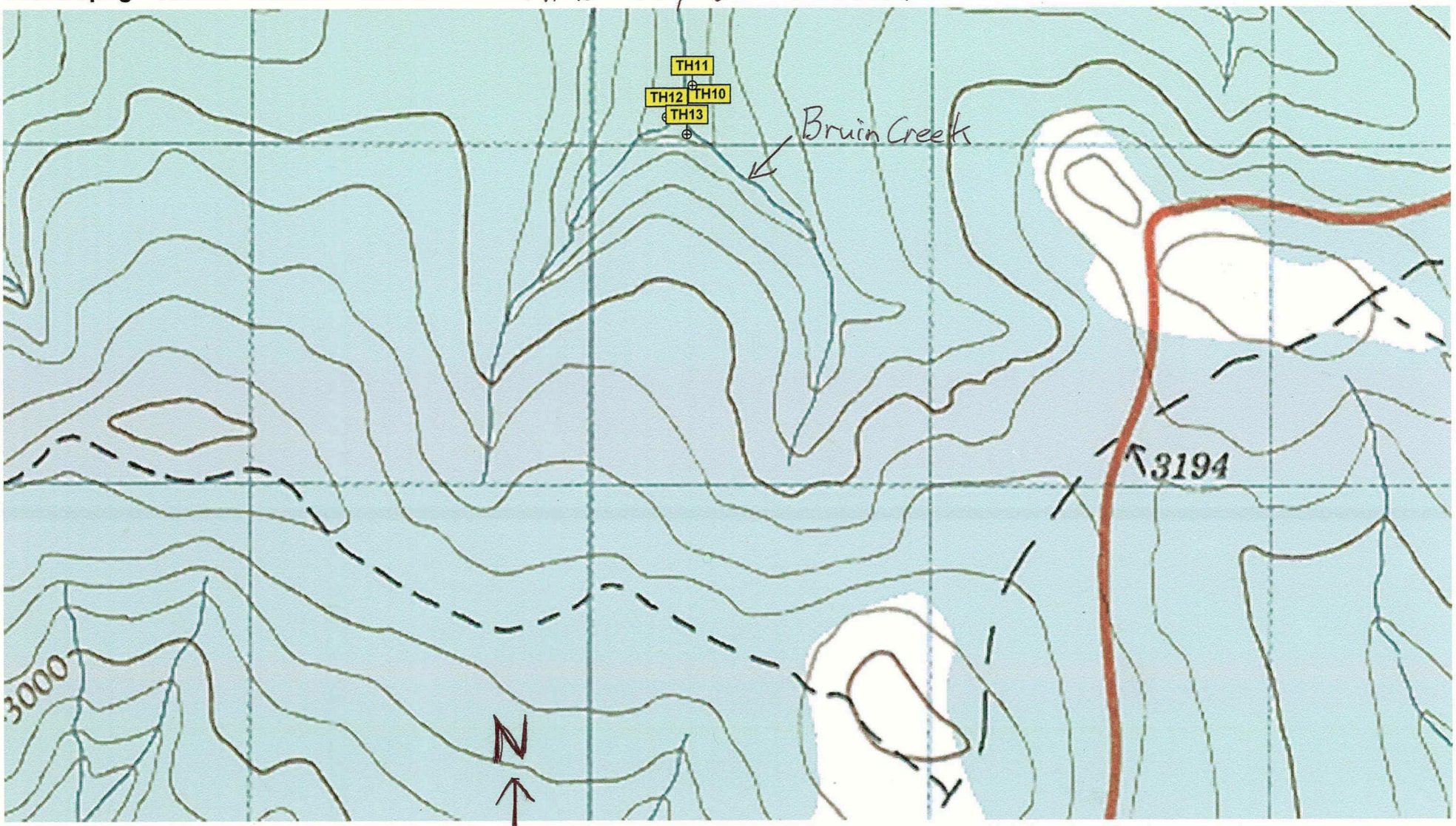
0 ¼km ½km ¾km 1km

Test Hole Sample Map #2 TH 1-9, 20-25 Browns Ck

10

Test Hole Sample Map #3

116c02.png NAD27 Canada 3/28/2011 TH 10-13, Bruin Creek



Scale

0km .5km 1km

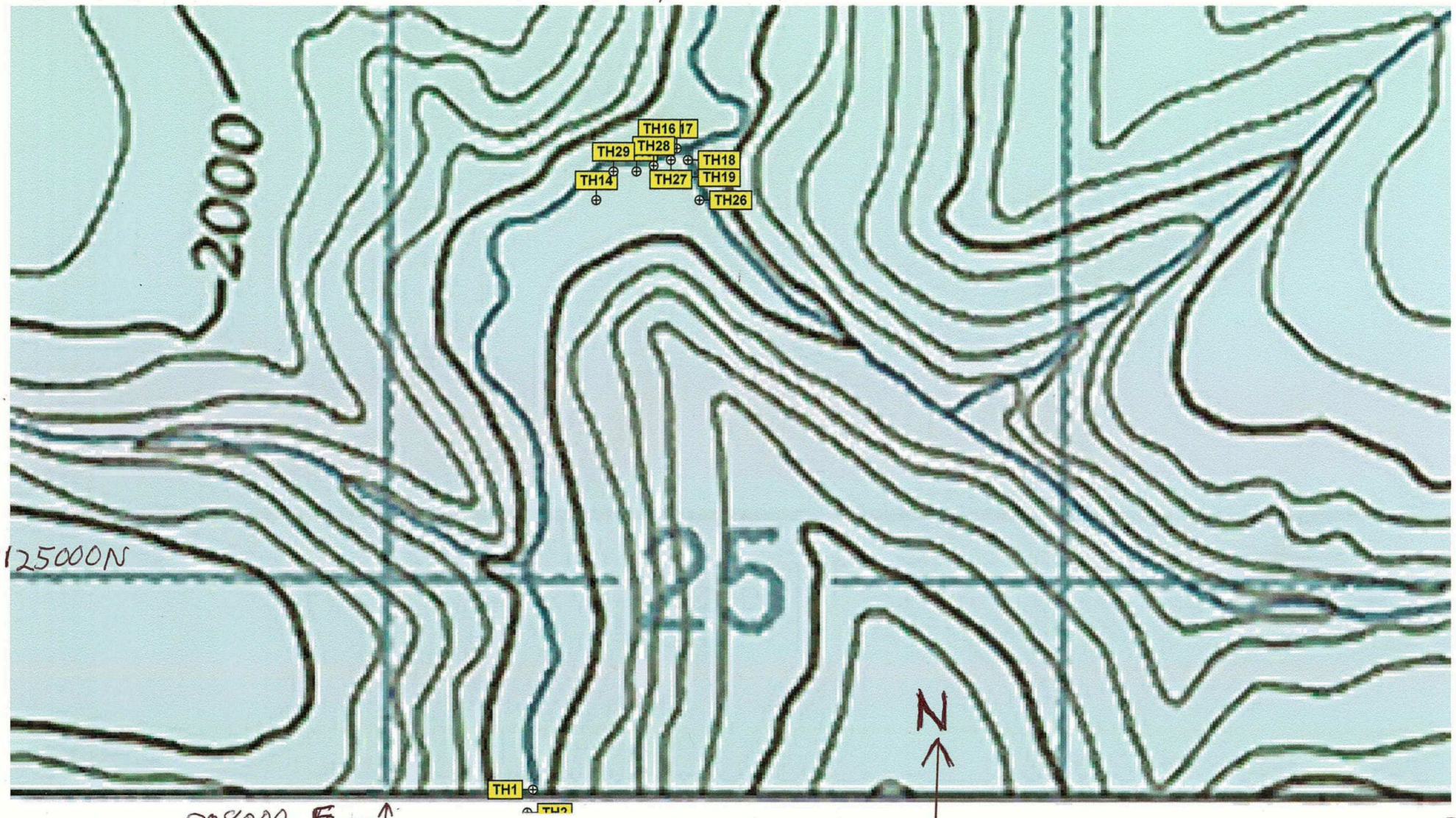
Top of the World Highway

Test Hole Sample Map #3
TH 10-13
Bruin Ck

11

Test Hole Sample Map #4

116c07.png NAD27 Canada 3/28/2011 TH 14-19, 26-29 Browns Creek



Test Hole Sample Map #4 TH 14-19, 26-29 Browns Crk

17

116c07.png NAD27 Canada 3/28/2011

TH 14-19, 26-29 Browns Creek

Test Hole Sample Map #4

508000 mE.

7125000N

Scale

0km .5km 1km

Test Hole Sample Map #4
TH 14-19, 26-29
Browns Ck.

13

TH Shaft 31 Shaft1

TH Shaft 31

TH Shaft 32 Shaft 1

TH Shaft 32

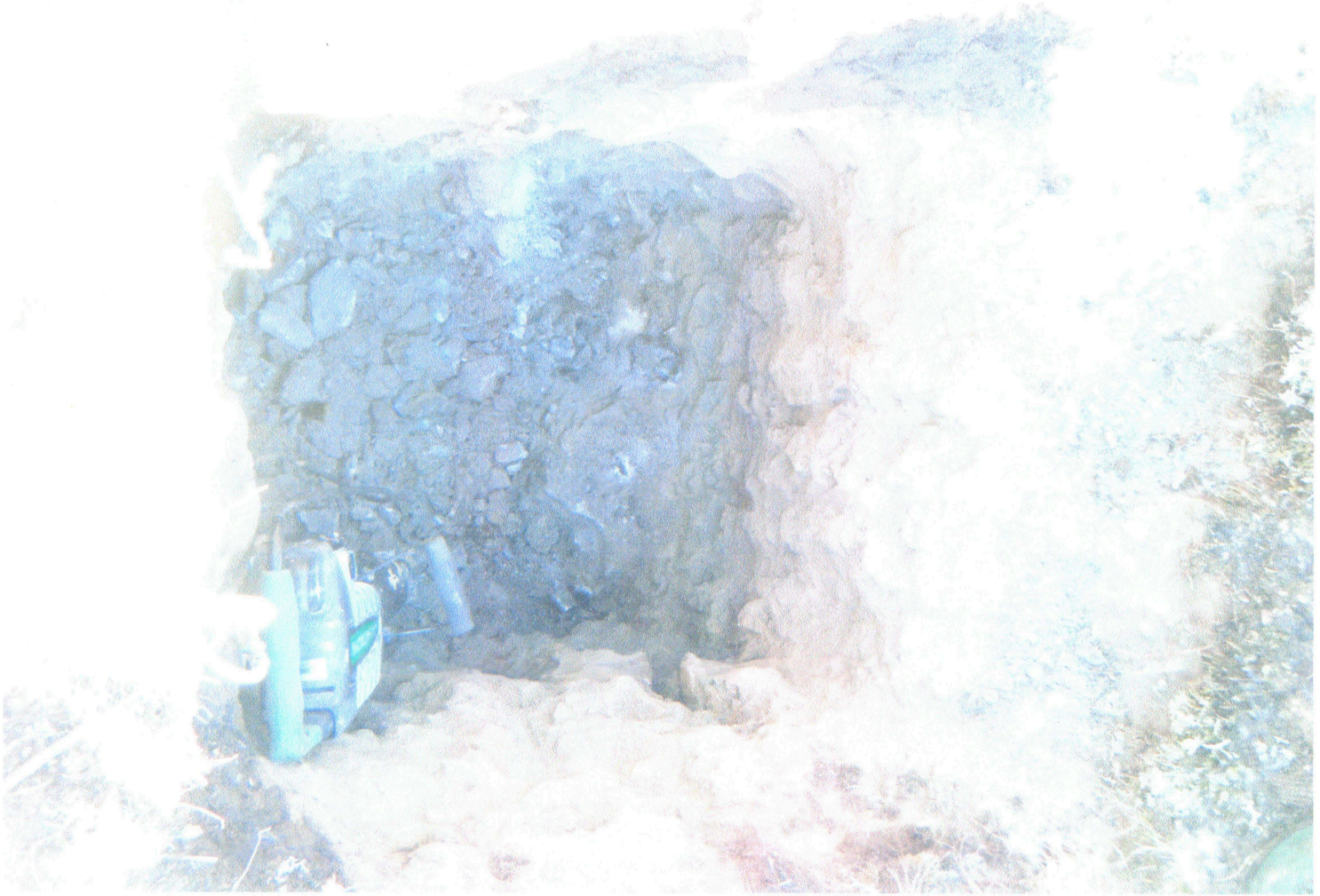
TH Shaft 31
Shaft 1

TH Shaft 31 Shaft 1

TH Shaft 32 - shaft 2

TH 33 Shaft 3

Test hole 33 Shaft 3



TH Shaft 33 Shaft 3

TH 33 Shaft 3

TH33 Shaft 3 5ft.