



NWB LICENCE No. 2BE-PBP1115
2011 REPORT OF ACTIVITIES

Dwayne Car, P.Geo
January, 2012

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Water Licence 2BE-PBP1115 – Northquest Ltd

Executive Summary of Report on 2011 Activities

Northquest Ltd's Pistol Bay camp was in operation from June 30 to September 26th and diamond drilling occurred between August 12 and September 22nd.

The camp drew drinking and wash water from a nearby pond and utilized 69.5 cubic metres during the 89 days of operation, averaging 0.78 cubic metres per day.

The drilling operation drew water from 6 separate ponds and utilized 1,841.3 cubic metres of water. During the drilling program, an average of 46.0 cubic metres of water were utilized per 24 hour period.

All non-hazardous waste, excluding paper and cardboard was transported to the Whale Cove municipal dump by helicopter and truck every few days during the program.

Paper and cardboard were burned at camp.

Waste oil was placed in a 45 gallon drum. Currently, the drum is stored in a fuel berm at the campsite. It will be disposed of in a proper manner when it becomes full during the 2012 work season.

Used batteries are currently stored at the campsite.

All remaining fuel (62 drums) is currently stored in four fuel berms at the campsite.

All grey-water was dumped into a sump containing two perforated drums and rocks within a pit dug in sand.

Sewage was contained in two pits dug beneath the outhouses.

No unauthorized discharges occurred in 2011.

All drill sites were cleared of foreign debris.

No artesian flow occurrences were noted during the drilling.

$\sigma \triangleright^{\text{c}} \eta^{\text{c}} \rightarrow \tau^{\text{c}}$ $\alpha \sigma \tau^{\text{c}} \triangleright^{\text{c}} \eta^{\text{c}}$ $\alpha \alpha \triangleright$ $\triangleleft (\sigma^{\text{c}}) \Gamma^{\text{b}}$ $\Delta \Gamma^{\text{b}}$.

NWB Annual Report

**Year being
reported:**

Select ▼

**License
No:**

2BE-PBP1115

**Issued
Date:
Expiry
Date:**

June 20, 2011

June 30, 2015

Project Name:

Pistol Bay

Licensee:

Northquest Ltd

Mailing Address:

Suite 1000-36 Toronto St
Toronto, ON
M5C 2C5

Name of Company filing Annual Report (if different from Name of Licensee please

General Background Information on the Project (*optional):

Licence Requirements: the licensee must provide the following information in accordance with

Part B ▼ Item 2 ▼

A summary report of water use and waste disposal activities, including, but not limited to: methods of obtaining water; sewage and greywater management; drill waste management; solid and hazardous waste management.

Water Source(s):

Ponds

Water Quantity:

1.0/day

69.5

86.0/day

1841.3

Quantity Allowable Domestic (cu.m)

Actual Quantity Used Domestic (cu.m)

Quantity Allowable Drilling (cu.m)

Total Quantity Used Drilling (cu.m)

Waste Management and/or Disposal

- ☒ **Solid Waste Disposal**
- ☒ **Sewage**
- ☒ **Drill Waste**
- ☒ **Greywater**
- ☒ **Hazardous**
- ☐ **Other:**

Additional Details:

A list of unauthorized discharges and a summary of follow-up actions taken.

Spill No.: (as reported to the Spill Hot-line)

Date of Spill:

Date of Notification to an Inspector:

Additional Details: (impacts to water, mitigation measures, short/long term monitoring, etc)

Revisions to the Spill Contingency Plan

Additional Details:

Revisions to the Abandonment and Restoration Plan

Progressive Reclamation Work Undertaken

Additional Details (i.e., work completed and future works proposed)

Results of the Monitoring Program including:

The GPS Co-ordinates (in degrees, minutes and seconds of latitude and longitude) of each location where sources of water are utilized;

Additional Details:

The GPS Co-ordinates (in degrees, minutes and seconds of latitude and longitude) of each location where wastes associated with the licence are deposited;

Additional Details:

Results of any additional sampling and/or analysis that was requested by an Inspector

Additional Details: (date of request, analysis of results, data attached, etc)

Any other details on water use or waste disposal requested by the Board by November 1 of the year being reported.

Additional Details: (Attached or provided below)

Any responses or follow-up actions on inspection/compliance reports

Additional Details: (Dates of Report, Follow-up by the Licensee)

Any additional comments or information for the Board to consider

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Date Submitted:

January 30, 2012

Submitted/Prepared by:

Dwayne Car

Contact Information:

Tel:

705-694-5777

Fax:

email:

dwayne.car777@gmail.com
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GPS Coordinates for water sources utilized

Source Description	Latitude			Longitude		
	Deg °	Min '	Sec "	Deg °	Min '	Sec "
Camp Water	62	20	58	92	44	47
Source for BH 11-1 to 5, 17	62	21	18	92	45	3
Source for BH 11-6, 7, 8, 9	62	18	11	92	39	53
Source for BH 11-10	62	18	6	92	38	53
Source for BH 11-11, 12	62	18	16	92	38	43
Source for BH 11-13	62	19	0	92	43	21
Source for BH 11-14, 15, 16	62	19	14	92	43	48

GPS Locations of areas of waste disposal

Location Description (type)	Latitude			Longitude		
	Deg °	Min '	Sec "	Deg °	Min '	Sec "
Kitchen and Shower Sump	62	21	0	92	44	58
Outhouse Pits	62	21	1	92	45	1
BH 11-1 Sump	62	21	23	92	45	2
BH 11-2 Sump	62	21	27	92	44	59
BH 11-3 Sump	62	21	27	92	45	3
BH 11-4 Sump	62	21	26	92	45	8
BH 11-5 Sump	62	21	26	92	44	57
BH 11-6,7 Sump	62	18	7	92	39	58
BH 11-8 Sump	62	18	2	92	39	57
BH 11-9 Sump	62	18	8	92	39	50
BH 11-10 Sump	62	18	7	92	38	54
BH 11-11 Sump	62	18	12	92	38	34
BH 11-12 Sump	62	18	13	92	38	27
BH 11-13 Sump	62	18	55	92	43	29
BH 11-14, 15 Sump	62	19	4	92	43	59
BH 11-16 Sump	62	19	6	92	44	0

Detailed Summary of Activities as per item 2 of PART B

Northquest Ltd's Pistol Bay camp was in operation from June 30 to September 26th. The diamond drilling program occurred between August 12 and September 22nd.

2. a. The camp drew drinking and wash water from a nearby pond and utilized 69.5 cubic metres during the 89 days of operation, averaging 0.78 cubic metres per day. Copies of the log recording daily use are provided in Appendix 3.

The drilling operation drew water from 6 separate ponds and utilized 1,841.3 cubic metres of water. During the drilling program, an average of 46.0 cubic metres of water were utilized per 24 hour period. Copies of the log recording daily use are provided in Appendix 1.

All non-hazardous waste, excluding paper and cardboard was transported to the Whale Cove municipal dump by helicopter and truck every few days during the program. A copy of the log recording quantities of trash and dates of transport is provided in Appendix 2.

Paper and cardboard were burned at camp.

Waste oil was placed in a 45 gallon drum. Currently, the drum is stored in a fuel berm at the campsite. It will be disposed of in a proper manner when it becomes full during the 2012 work season.

Used batteries are currently stored at the campsite.

All remaining fuel (62 drums) is currently stored in four fuel berms at the campsite.

All grey-water was dumped into a sump containing two perforated drums and rocks within a pit dug in sand. A photograph of the sump is provided in Appendix 3.

Sewage was contained in two pits dug beneath the outhouses.

2. b. No unauthorized discharges occurred in 2011.

2. c. There are no revisions to the Spill Contingency Plan and Abandonment and Restoration Plan.

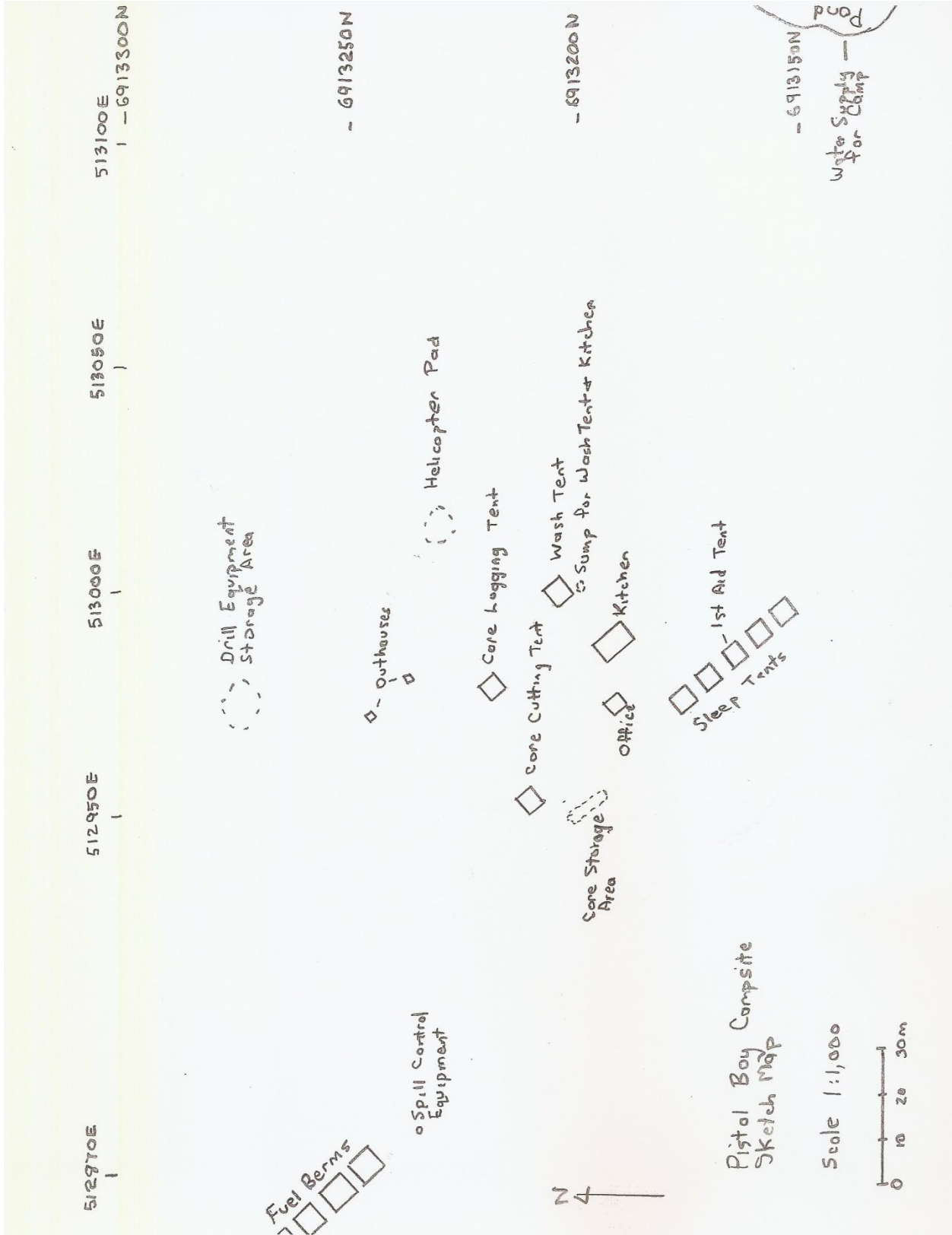
2. d. All drill sites were cleared of foreign debris. Photographs of the sites are provided in Appendix 4.

2. e. No artesian flow occurrences were noted during the drilling.

2.f. Significant perm-frost was not encountered in any of the holes. This allowed the use of unheated water for all drilling activities.

2. g. Monitoring was not requested. Therefore, no monitoring results are provided.

2. h. No other details were requested by the board.



APPENDIX 1

SCANNED IMAGES OF DAILY WATER USE RECORDS

Northwest Ltd - Bristol Bay Campsite
Water Tank Fill - UPS

			Cubic metre metres
June	30	- Full	1.1
July	1	- added $\frac{1}{2}$	0.55
	2	" $\frac{3}{4}$	0.8
	3	" $\frac{1}{2}$	0.55
	4	" $\frac{3}{4}$	0.8
	5	" $\frac{1}{2}$	0.55
	6	" $\frac{1}{2}$	0.55
	8	" $\frac{3}{4}$	0.8
	9	" Full	1.1
	10	" $\frac{3}{4}$	0.8
	11	" $\frac{3}{4}$	0.8
	12	" $\frac{3}{4}$	0.8
	13	" $\frac{3}{4}$	0.8
	14	" $\frac{3}{4}$	0.8
	15	" $\frac{1}{2}$	0.55
	16	" $\frac{1}{2}$	0.55
	17	" $\frac{3}{4}$	0.8
	18	" $\frac{3}{4}$	0.8
	19	" $\frac{7}{8}$	0.96
	20	" $\frac{7}{8}$	1.0
	21	" $\frac{3}{4}$	0.8
	22	" $\frac{2}{3}$	0.7
	23	" $\frac{3}{4}$	0.8
	24	" $\frac{3}{4}$	0.8
	25	Full	1.1
	26	Full $\frac{3}{4} + \frac{3}{4}$	1.6
	27	Full	1.1
	28	" $\frac{3}{4}$	0.8
	29	Full Full	1.1
			<hr/> 24.26

		July			
July	30	-	Amount		Cu - Metres
July	31		$\frac{1}{2}$		0.55
Aug	1		$\frac{3}{4}$		0.8
	2		$\frac{3}{4}$		0.8
Aug	3		$\frac{1}{2}$		0.55
	4		$\frac{3}{4}$		0.8
	5		$\frac{3}{4}$		0.8
	6		$\frac{1}{2} + \frac{1}{4}$		0.8
	7		$\frac{3}{4}$		0.8
	8		$\frac{3}{4}$		0.8
			Full		1.1
					<hr/> 7.8

Aug 9	- 3/4
Aug 10 th	- Full
11	- 3/4
12	1/2
13	1/2
14	3/4
15	1/2
16	1/2
17	3/4
18	3/4
19	1/2
20	3/4
21	3/4
22	1/2
23	3/4
24	1/2

C₂ - Metres

0.8
1.1
0.8
0.55
0.55
0.8
0.55
0.55
0.8
0.8
0.55
0.8
0.8
0.55
0.8
0.55
0.8
0.55
11.35

~~A~~

Aug 25
26
27
28

- 3/4
1 1/4
3/4
Full

Cu Metres

0.8
1.35
0.8
1.1

29
30
31

3/4
Full
1/2

0.8
1.1
0.55

Sept

1

3/4

0.8

2

3/4

"

3rd

3/4

"

4th

3/4

"

5th

3/4

"

6th

3/4

"

7th

3/4

"

8th

1/2

0.55

9th

3/4

0.8

10th

3/4

0.8

11th

3/4

0.8

12th

15.05

13th

14th

15th

16th

17th

18th

19th

William X

Sept 12

*

13	3/4
14	3/4
15	3/4
16	3/4
17	3/4
18	1 1/11
19	3/4
20	3/4
21	1/2
22	1/2
23	3/4
24	3/4
25	1/2
26	1/4

Cu Metres

0.8
"
"
"
"
"
1.1
0.8
0.8
0.55
0.55
0.8
0.8
0.55
0.3
11.05
+ 24.26
+ 7.8
11.35
15.05
<hr/>
69.51

Northquest Ltd- Kistal Bay Project

Water Consumption by Drill

			Cube M.	
Aug 12	-	6050 gal.	27.5	BH PB-11-01
Aug 13	-	6014 gal	55.4	
	-	6200		
Aug 14	-	6100	54.9	
		5944		
Aug 15		937	4.2	
16		1750	37.1	PB-11-02
		6425		
17		6505	57.6	
		6328		
18		6420, 450	33.50	
19		6215	28.2	PB-11-03
20		3500	46.9	PB-11-04
		6811		
21		6420	58.4	
		6437		
22		6755	30.7	PB-11-05
23		6700	57.5	
		5914		
24		1600	35.4	PB-11-06
		6208		
25		6214	28.2	
26		6180	53.8	PB-11-07
		5629		
27		5875	54.5	
		6148		
28		3400	15.5	
29		5860	53.6	PB-11-08
		5946		
30		5560	25.3	
31		3260	42.9	PB-11-09
		6184		
Sept 1		6140	55.4	
2		6152	28.0	PB-11-10
3		2740	40.0	
4		4972	50.8	
5		6212	33.6	PB-11-11
6		6142		
		6155	58.0	
		6610	1066.9	

5 _{net} 7	4125	> 44.9	PB-11-12
	5757		
8	6140	> 56.5	
	6300		
9	2460	> 40.0	PB-11-13
	6108		
10	6240	> 54.6	
	5761		
11	5875	> 54.6	
	6220		
12	5620	25.5	
13	2480	> 38.4	PB-11-14
	5975		
14	5960	> 55.1	
	6165		
15	6128	> 56.4	
16	6240	> 50.4	PB-11-15
	4850		
17	6165	> 55.9	
	6140		
18	2290	> 38.4	PB-11-16
	6152		
19	5980	> 53.9	
	5875		
20	2180	> 38.3	PB-11-17
	6240		
21	6105	> 55.5	
	6115		
22	6160	> 56.0	Finish
	6170		

/	774.4
+	1066.9
<hr/>	
	1841.3

APPENDIX 2

SCANNED IMAGE OF GARBAGE DISPOSAL RECORDS

Northwest Ltd - Garbage Disposal Record

Date	# Bags	Mode of Transport
June 29	2	helicopter to airport
July 3	3	"
July 6	3	"
July 10	4	Honda to dump
July 13	3	helicopter to airport
July 14	1	Honda to airport
July 17	3	Honda to dump
July 21	3	helicopter to airport
July 24	4	bags by Honda to dump
July 28	5	helicopter to airport then
July 31	2	by truck to dump
	1	by helicopter to airport
Aug 2	2	by Honda to dump
Aug 5	3	" " "
Aug 6	2	" " "
Aug 7	1	by truck to dump
Aug 10	5	by helicopter to airport
Aug 13	3	by truck " to dump
Aug 15	4	by Honda to dump
Aug 17	4	Honda to dump
Aug 19	3	Honda to dump
Aug 26	10	helicopter to airport to
		then truck to dump
Aug 27	2	" " "
Aug 28	4	by helicopter to airport
		then to town
Aug 29	2	by helicopter to airport
Aug 31	2	" " "
Sept 2	3	" " "
" 3	3	" " to town
Sept 7	6	" + to town
Sept 8	4	" " "
Sept 12	6	" " "
Sept 15	5	" " "
Sept 18	6	" " "
Sept 20	3	" " "
Sept 24	10	" " "
Sept 25	15	" " "

APPENDIX 3
PHOTOGRAPHS OF CAMP



Sump for Wash Tent and Kitchen





APPENDIX 4
PHOTOGRAPHS OF DRILL SITES



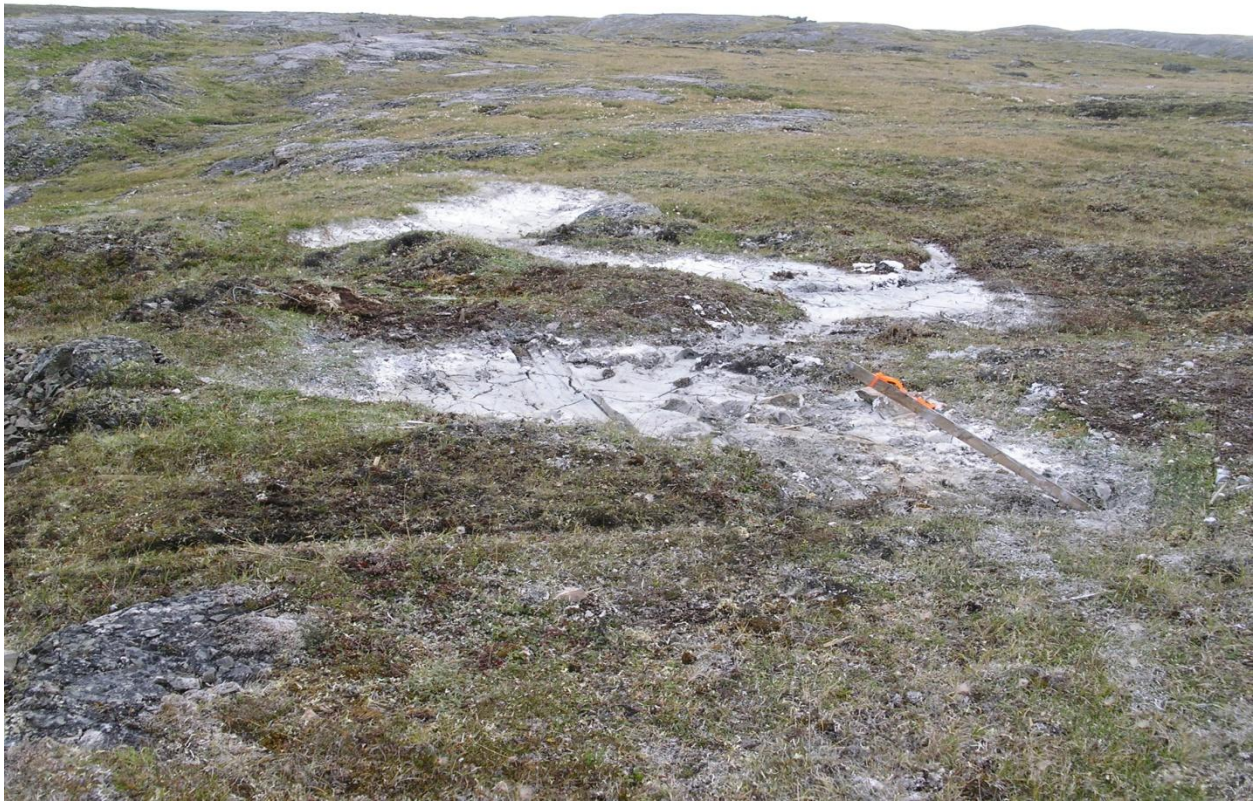
BH 11-1 Site Before Drilling



BH 11-1 Site After Drilling



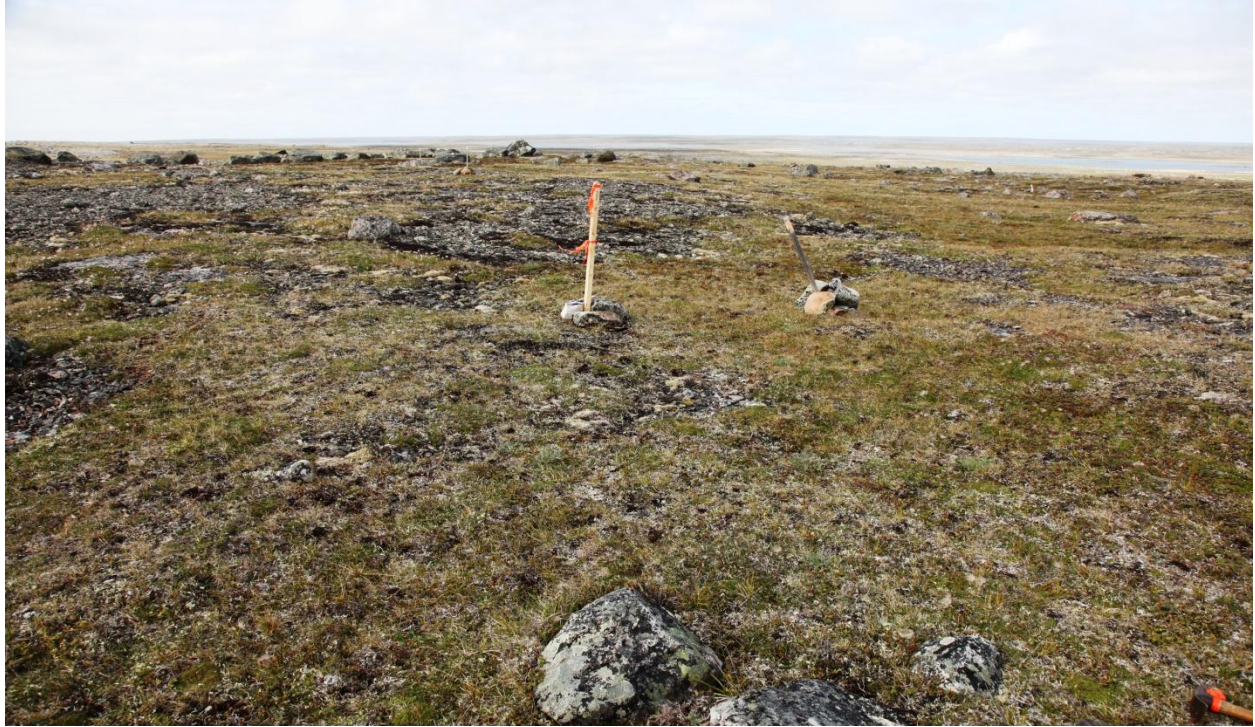
BH 11-2 Site Before Drilling



BH 11-2 Site After Drilling



BH 11-3 Drill Site After Drilling



BH 11-4 Drill Site Before Drilling



BH 11-4 Drill Site After Drilling



BH 11-5 Drill Site Before Drilling



BH 11-5 Drill Site After Drilling



BH 11-6,7 Site Before Drilling



BH 11-6,7 Site During Drilling



Site BH 11-6,7 Drill After Drilling



BH 11-8 Drill Site Before Drilling



BH 11 8 Drill Site During Drilling (Note the road from Whale Cove to mouth of Wilson Bay)



BH 11-8 Drill Site After Drilling



BH 11-9 Drill Site Before Drilling



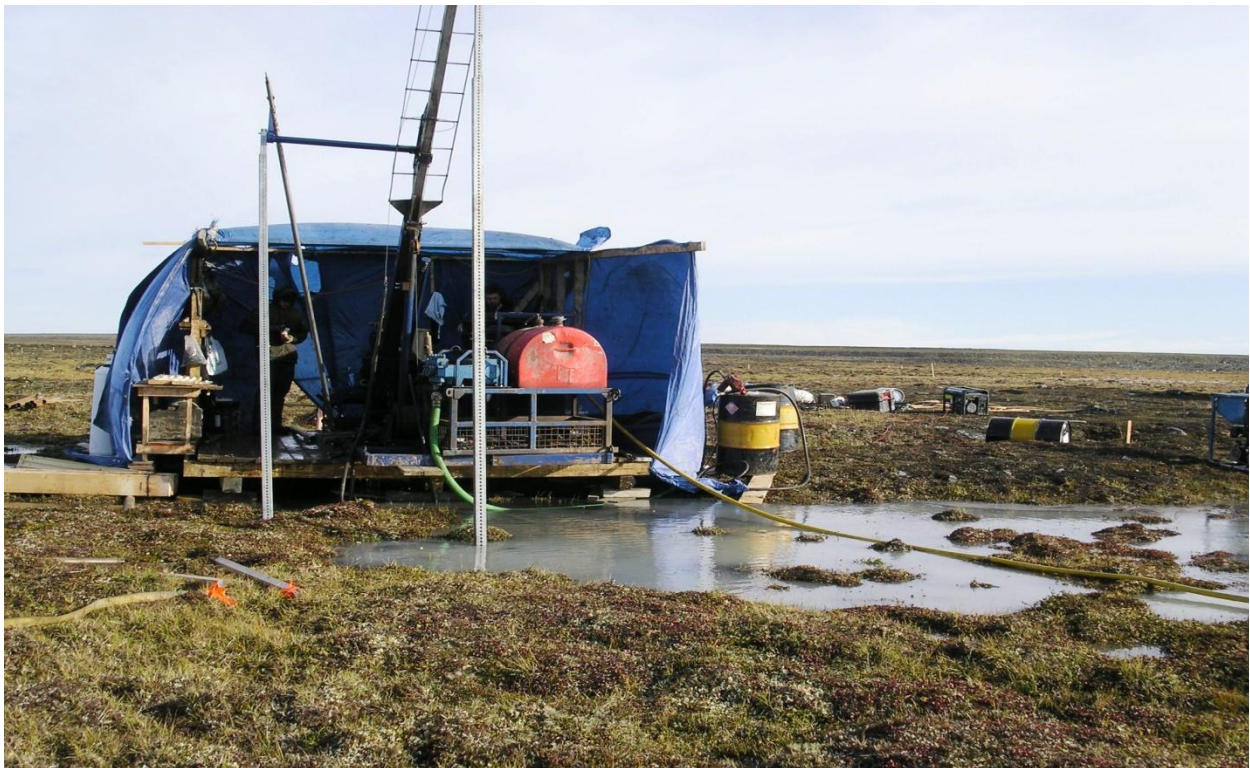
BH 11-9 Drill Site During Drilling



BH 11-9 Drill Site After Drilling



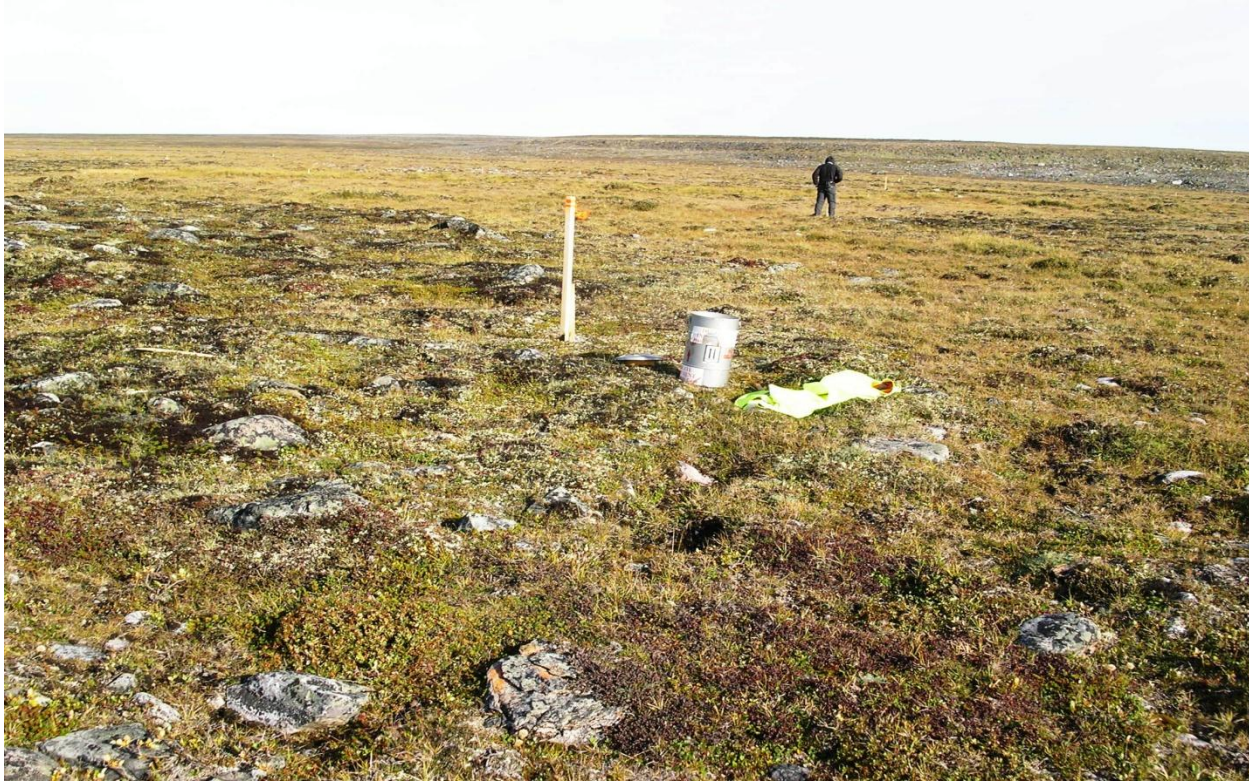
BH 11-10 Drill Site Before Drilling



BH 11-10 Drill Site During Drilling



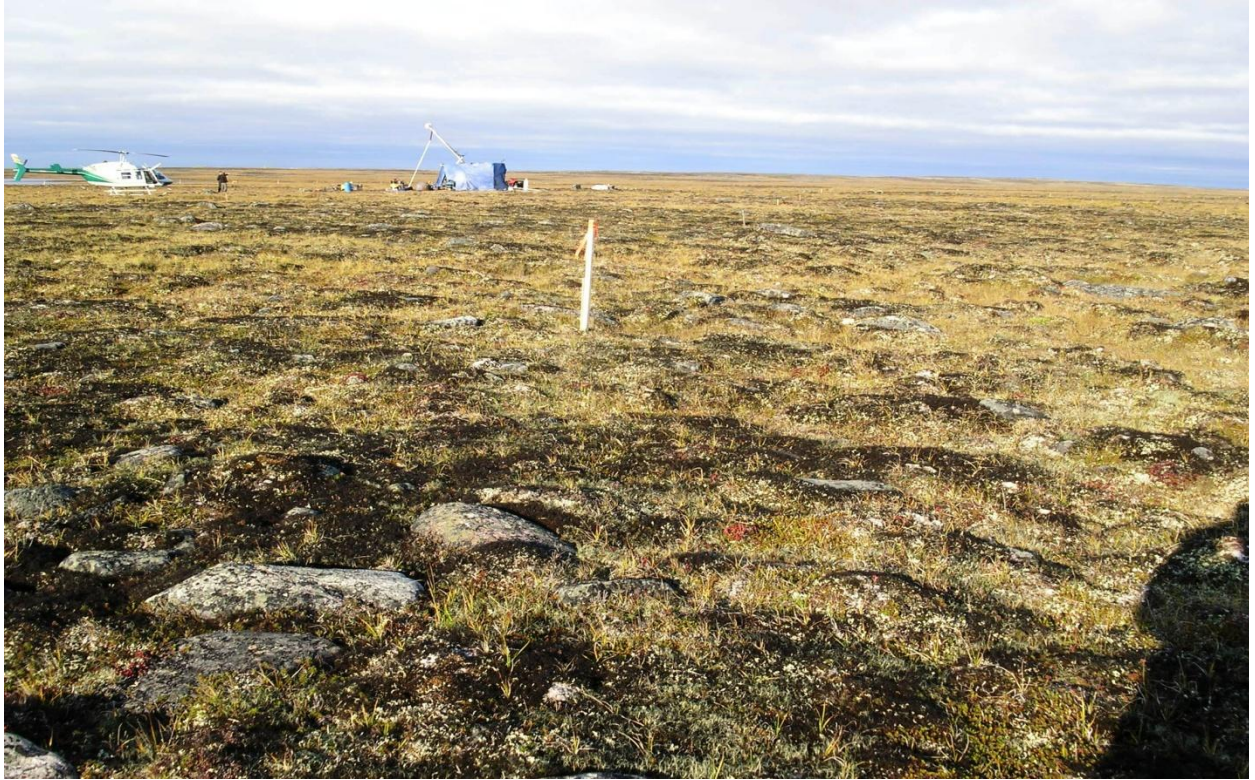
BH 11-10 Drill Site After Drilling



BH 11-11 Drill Site Before Drilling



BH 11-11 Drill Site After Drilling



BH 11-12 Drill Site Before Drilling



BH 11-12 Drill Site After Drilling



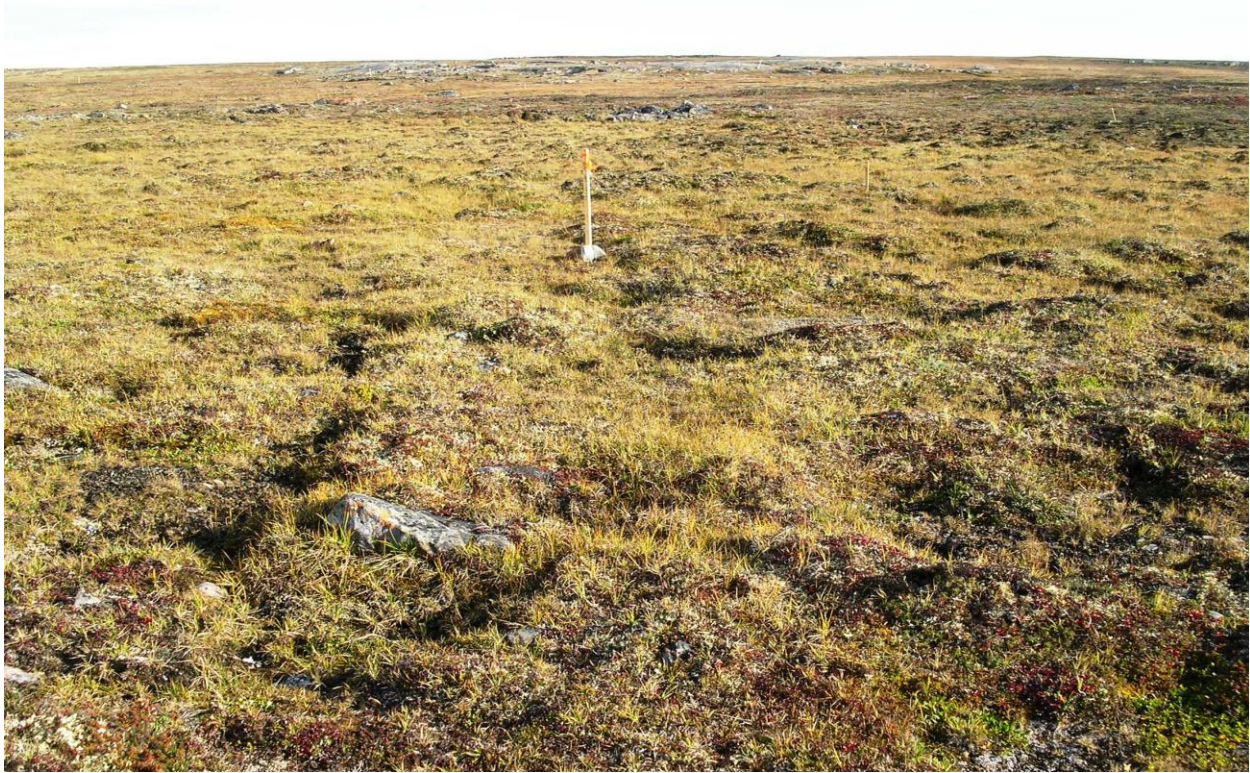
BH 11-13 Drill Site Before Drilling



BH 11-13 Drill Site During Drilling



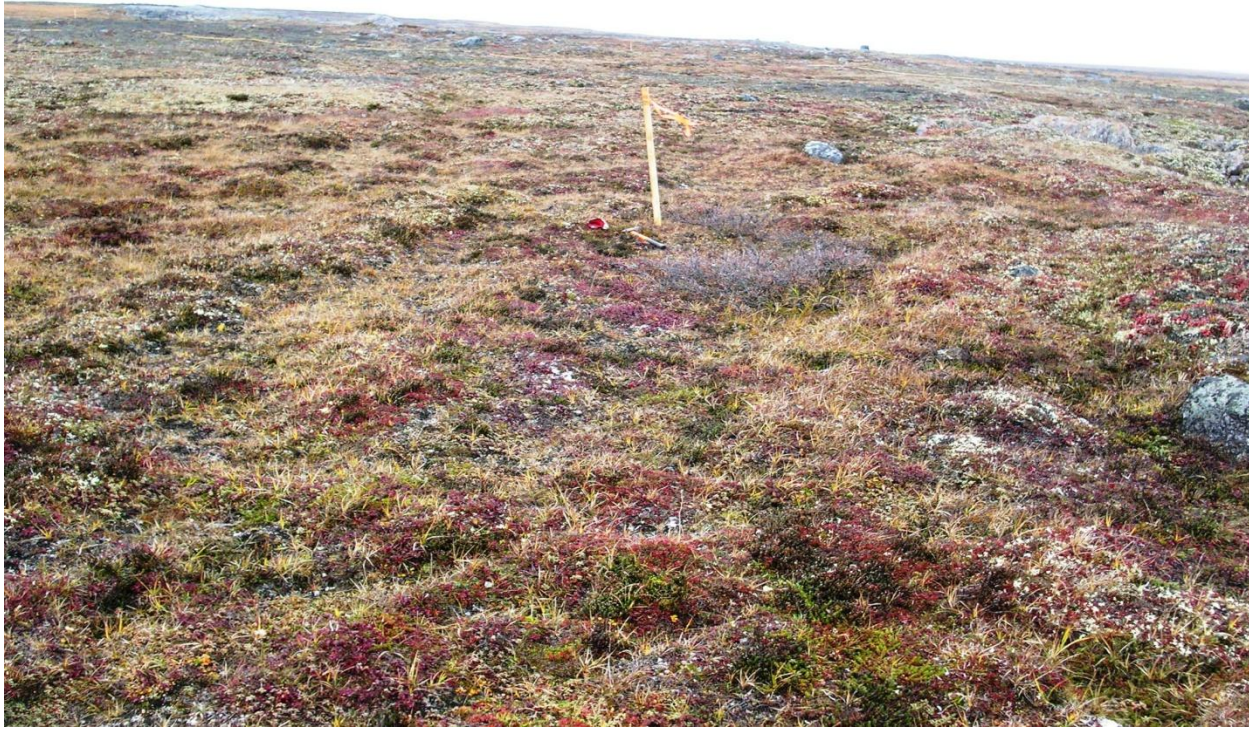
BH 11-13 Drill Site After Drilling



BH 11-14, 15 Drill Site Before Drilling



BH 11-14,15 After Drilling



BH 11-16 Drill Site Before Drilling



BH 11-16 Drill Site After Drilling



BH 11-17 Drill Site Before Drilling