

Hope Bay Oro Project, Nunavut

2011 Annual Report Lic. 2BE-HBP1116

Introduction

In July and August of 2011 North Arrow Minerals Inc., carried out a diamond drill program on its Oro Leases in the Hope Bay area of Nunavut (Fig. 1). Work was based out of North Arrow's Robert's Lake camp (Fig. 2). Personnel including diamond drill crew mobilized to the Robert's Lake camp on July 29th. Drilling was completed by August 25th and final personnel departed the camp on August 28th of 2011. This report is to supplement the standard requested water board spreadsheet format report.

Water Use

Water was used for two purposes, domestic in camp use and for the diamond drilling program. Domestic use totaled 34.25 m³ for an average of 1.10 m³ per day. Drilling use totaled 834.76 m³ for an average of 36.29 m³ per day. Maximum daily consumptions and average consumptions for domestic and drilling use were both values are under permit limits.

Waste Disposal

Food, combustibles and human waste were incinerated at site using a diesel powered incinerator. Any non-combustible garbage was back hauled to Yellowknife via Cambridge Bay by utilizing a Buffalo aircraft (private North Arrow charter).

Unauthorized Discharges

No unauthorized discharges.

Revisions to Spill Contingency Plan and Abandonment and Restoration Plan

Applicable Addendums are located in Appendix 1.

Progress on Final Reclamation work

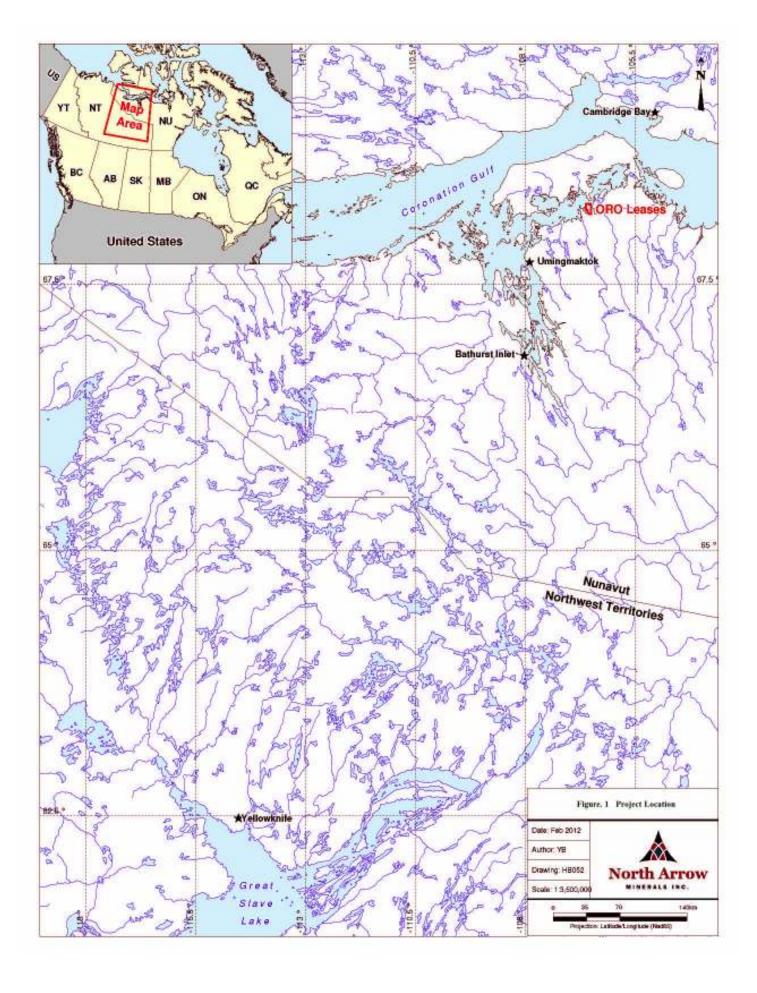
Project is ongoing. None undertaken to date.

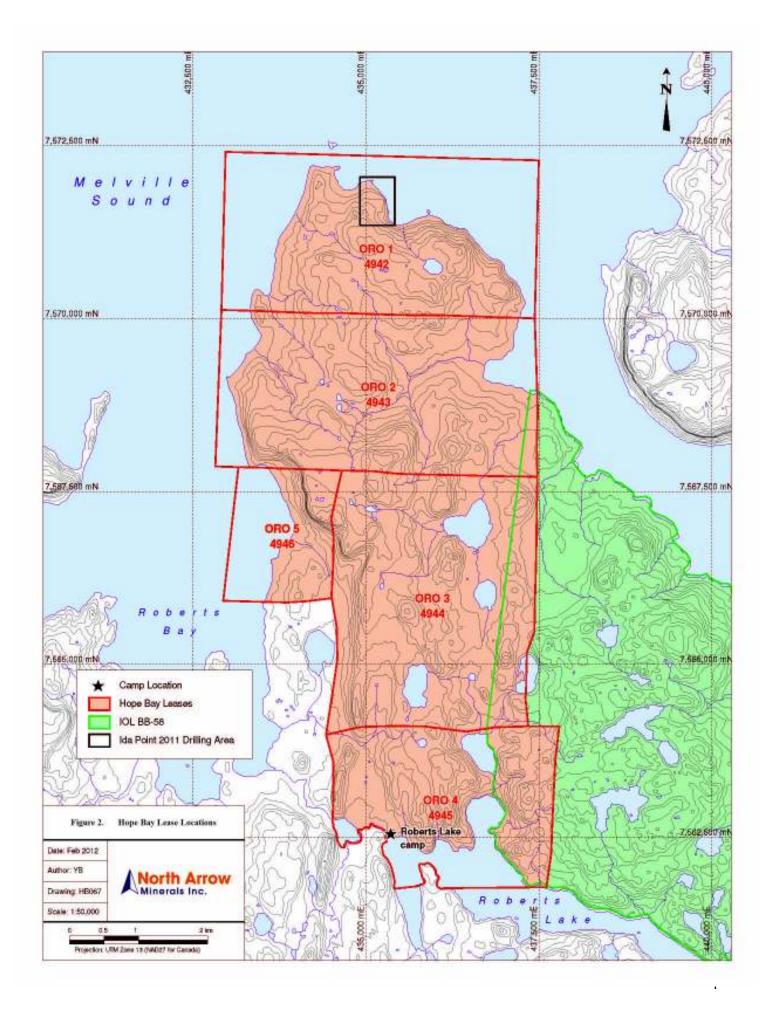
Monitoring Program

Water use information is located in Appendix 2.

Sampling

Not requested.





Appendix 1

Addendums

Spill Contingency Plan Addendum For North Arrow Spill Contingency Plan: Re Permit 2BE-HBP1116 Type B

Camp Location Map Requested – See attached

For the Spill Contingency Plan a 24 hour pager for Environment Canada is listed. Note this number is no longer in service. Replace page 8 of Spill Contingency Plan with following appended page 8. Additional information regarding procedures for contaminated soils resulting by large spills was requested as a recommendation by Environment Canada and is included in the "Spill Contingency Plan – Hope Bay Oro Project, Nunavut" dated February 2011.

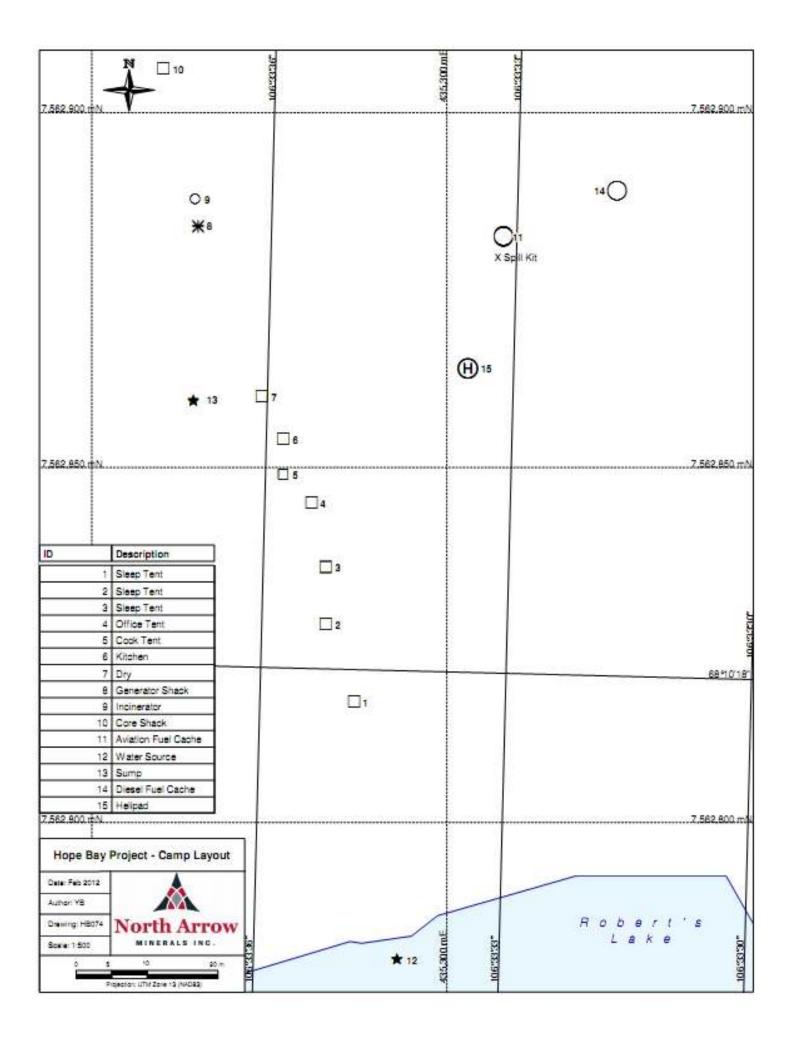


Table 2 – Emergency Contacts

CONTACT	TELEPHONE NUMBER	
INAC - Land Use Inspector	(867) 975-4295	
North Arrow – Gordon Clarke, Vice-	(778) 328-1060 (Office); (604) 558-0058 (Fax)	
President	(778) 772-2212 (24 hour)	
Environment Canada, Iqualuit	(867) 975-4644	
INAC – Water Resource Officers, Kugluktuk	Kugluktuk (867) 982-4308	
and Iqaluit, NU	Iqaluit (867) 975-4298	
Kitikmeot Inuit Association	(867) 983-2458	
Nunavut Tunngavik Inc., Cambridge Bay	(867) 983-2517	
Air Tindi	(867) 669-8212	
Great Slave Helicopters	(867) 873-2081	
Yellowknife Fire Department	(867) 873-2222	
RCMP, Kugluktuk	(867) 982-4111	
Stanton Regional Hospital – Yellowknife	(867) 920-4111	
Discovery Mining Services	(867) 920-4600	
On-Site Project Geologist	Information to be supplied once phone system is	
	established on the property	
Fisheries and Oceans	(867) 979-8007	
Nunavut Department of Environment	(867) 975-7700	
Robert Eno, Nunavut Department of	(867) 975-7748	
Environment, Waste Manifests		
Manager, Pollution Control and Air Quality,	(867) 975-7748; (867) 975-7739 (Fax)	
Environmental Protection, Govt of Nunavut		

5. ACTION PLANS

5.1 Initial Action

The instructions to be followed by the first person on the spill scene are as follows:

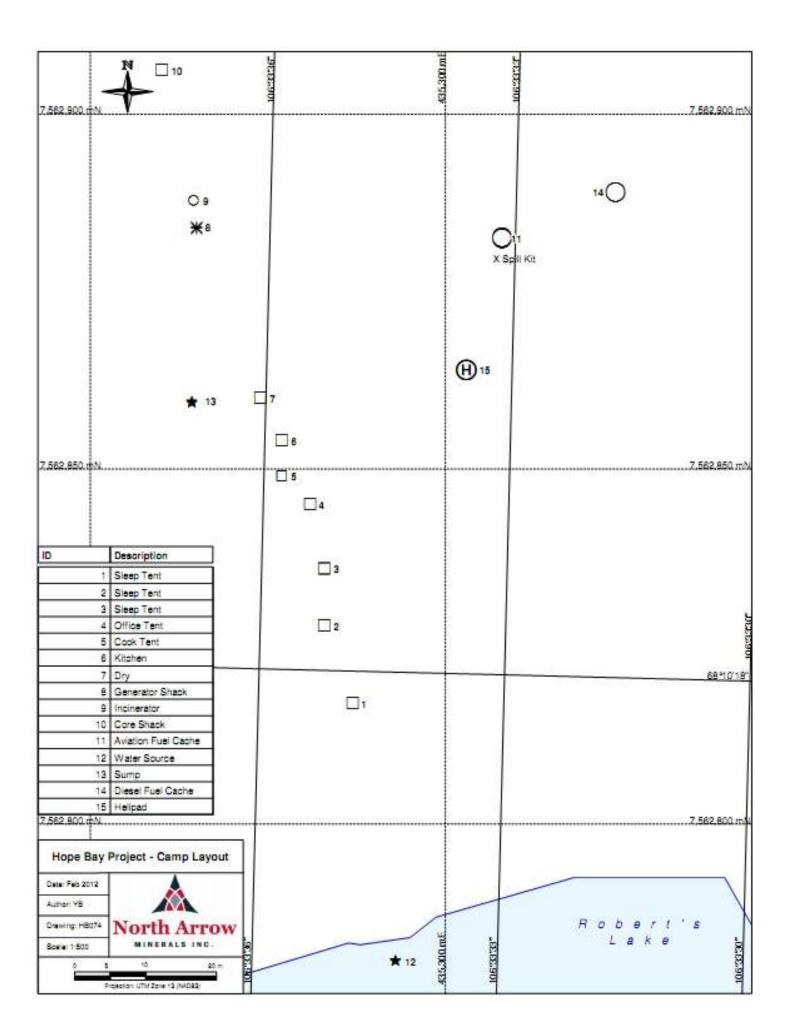
- 1. Always be alert and consider your safety first.
- 2. If possible, identify the material that has been spilled. If you are not sure of the material, use caution and consider your safety first.
- 3. Assess the hazard of people in the vicinity of the spill.
- 4. If possible, safely try to stop the flow of material to minimize potential for environmental impacts.
- 5. Immediately report the spill to the On Scene Coordinator.
- 6. Resume any effective action to contain, mitigate, or terminate the flow of the spilled material.

The following pages include specific instructions to be followed in the response to various types of spills including diesel fuel, lubricating oil, gasoline, aviation fuel (Jet "B"), antifreeze, and propane.

Abandonment and Restoration Plan Addendum For North Arrow Spill Contingency Plan: Re Permit 2BE-HBP1116 Type B

Camp Location Map Requested – See attached.

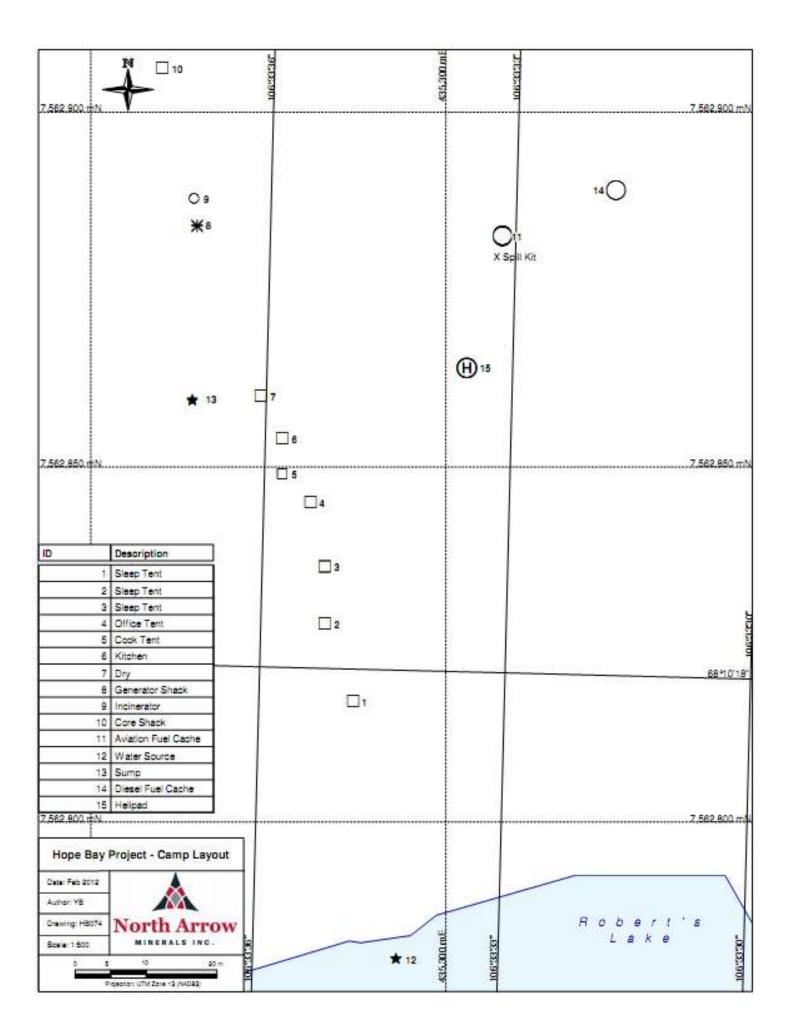
Contact information for various government agencies requested – See attached

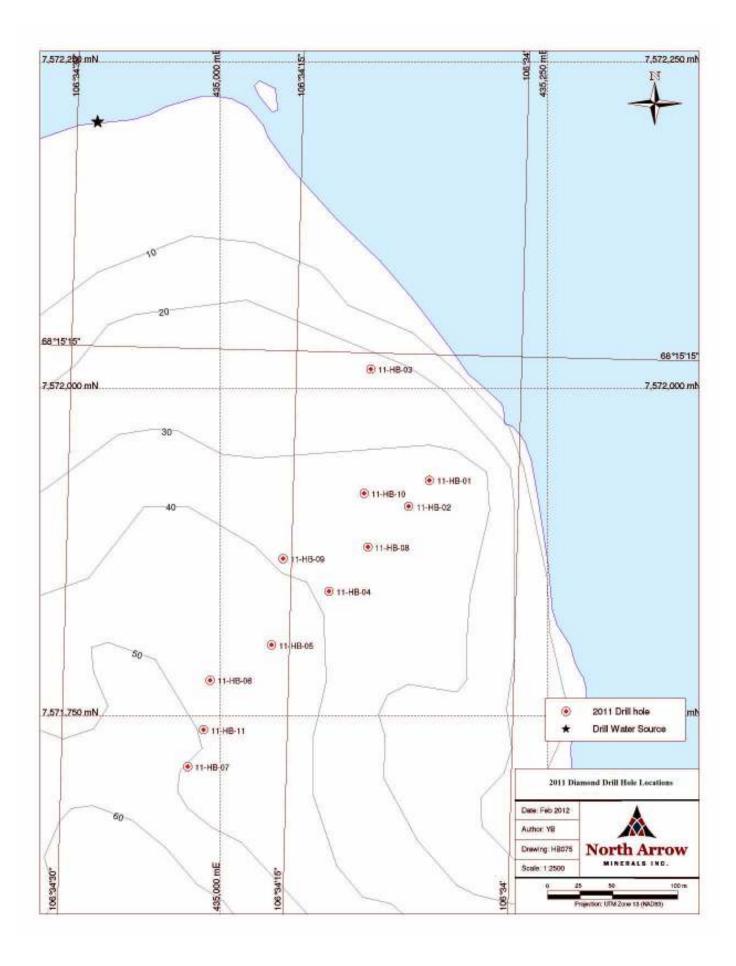


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Manager, Pollution Control and Air Quality,	(867) 975-7748; (867) 975-7739 (Fax)
Environmental Protection, Govt of Nunavut	

Appendix 2

Water Use Source Locations, Calculations, Diamond Drilling Locations





Water Use Calculations

Only one flow metre could be sourced in Yellowknife during mobilization and it was installed in the drill water line but failed the first day of use. Therefore calculations for drill water use, are based on the known pump capacity (7.5 gallons per minute) multiplied by time in operation, note the pump was turned off during mechanical breakdowns and during drill setup moves (see Table 1). Camp use was tabulated by number of fills of a 250 gallon storage tank located in the camp "dry tent" (see Table 2).

Table 1 – Drill Water Use

Date	Drill Hole	Shift	Hours Pump in Use	Volume (m ³)
Aug 2	1	night	12	24.55
Aug 3	1	day	12	24.55
Aug 3	1	night	6	12.26
Aug 4	1	day	6	12.26
Aug 4	1	night	12	24.55
Aug 5	1	day	0	0
Aug 5	1	night	8	16.40
Aug 6	1	day	0	0
Aug 6	1	night	0	0
Aug 7	1	day	12	24.55
Aug 7	2	night	12	24.55
Aug 8	2	day	12	24.55
Aug 8	2	night	12	24.55
Aug 9	3	day	6	12.26
Aug 9	3	night	12	24.55
Aug 10	3	day	12	24.55
Aug 10	3	night	4	8.18
Aug 11	4	day	8	16.40
Aug 11	4	night	12	24.55
Aug 12	4	day	12	24.55
Aug 12	4	night	4	8.18
Aug 13	5	day	8	16.40
Aug 13	5	night	12	24.55
Aug 14	6	day	8	16.40
Aug 14	6	night	12	24.55
Aug 15	6	day	12	24.55
Aug 15	6	night	12	24.55
Aug 16	7	day	2	4.09
Aug 16	7	night	12	24.55
Aug 17	7	day	12	24.55
Aug 17	7	night	12	24.55
Aug 18	8	day	3	6.13
Aug 18	8	night	12	24.55
Aug 19	9	day	0	0
Aug 19	9	night	12	24.55
Aug 20	9	day	12	24.55
Aug 20	9	night	12	24.55
Aug 21	9	day	4	8.18

Date	Drill Hole	Shift	Hours Pump in Use	Volume (m ³)
Aug 21	10	night	12	24.55
Aug 22	10	day	12	24.55
Aug 22	10	night	12	24.55
Aug 23	11	day	2	4.09
Aug 23	11	night	12	24.55
Aug 24	11	day	12	24.55
Aug 24	11	night	12	24.55
Aug 25	11	day	3	6.13
			Total (m ³)	834.76
			Average per day (m ³)	36.29

Table 2 – Domestic Camp Use

Date	Tank Fill Amount (%)	Volume (m ³)
July 29	100	1.14
July 30	90	1.03
July 31	80	0.91
Aug 1	100	1.14
Aug 2	150	1.71
Aug 3	60	0.68
Aug 4	90	1.03
Aug 5	90	1.03
Aug 6	80	0.91
Aug 7	150	1.71
Aug 8	80	0.91
Aug 9	90	1.03
Aug 10	120	1.37
Aug 11	90	1.03
Aug 12	90	1.03
Aug 13	90	1.03
Aug 14	150	1.71
Aug 15	80	0.91
Aug 16	90	1.03
Aug 17	90	1.03
Aug 18	90	1.03
Aug 19	90	1.03
Aug 20	150	1.71
Aug 21	80	0.91
Aug 22	90	1.03
Aug 23	90	1.03
Aug 24	150	1.71
Aug 25	120	1.37
Aug 26	90	1.03
Aug 27	90	1.03
Aug 28	0	0
	Total (m ³)	34.25
	Average per day (m ³)	1.10