



P.O. Box 1500
4923 52nd Street
Yellowknife, NT
X1A 2R3

April 16th 2018

INAC-CARD Giant Mine – Akaitcho Pumping Station – Well Drilling

RE: Land Use Permit MV2016S0016 – Giant Mine Akaitcho Pumping Station Well Drilling

Dear Ms. Plato,

An inspection of INAC-CARD Giant Mine Akaitcho Well Drilling project was completed by Resource Management Officer Tim Morton and Devin Penney on April 12th 2018. The inspection was conducted to ensure compliance with the terms and conditions of the land use permit and associated approved management plans.

The attached inspection report contains details and photos that were taken during the inspection.

If you have any questions or concerns please contact me at (867) 669-2442.

Thank you,

Tim Morton
Resource Management Officer (Inspector)
Resource and Land Division
Indigenous and Northern Affairs Canada

cc. MVLWB – via email
 INAC Resource and Land Management – via email



INSPECTION DATE – April 12th 2018

ENVIRONMENTAL INSPECTION REPORT (MV2016S0016)

Permittee:	CARD Giant Mine	July 20 th 2012	March 12 th 2018
		Permit Expiry Date	Last Previous Inspection

Land Use Permit No.	MV2016S0016		
Quarrying Permit No.			
Contractor:	Nahanni Construction	Subcontractor:	Boart Longyear Canada

Location(s) Inspected:	Giant Mine Akaitcho Drilling Area
------------------------	-----------------------------------

Current Stage of Operation:	Akaitcho Pumping Station Drilling
-----------------------------	-----------------------------------

Program Modifications Approved:	N/A
---------------------------------	-----

Condition of Operation "A" - Acceptable "U" - Unacceptable "N/A" - Not Applicable "N/I" - Not Inspected

	Operating Condition	Aspect Inspected				
		Drilling Area				
A	Location and Area	A				
B	Time	A				
C	Type and Size of Equipment	A				
D	Methods & Techniques	A				
E	Type, Location, Capacity, and Operation of All Facilities	U				C#11
F	Control or Prevention of Ponding of Water, Flooding, Erosion, Slides, and Subsidence of Land	A				
G	Use, Storage, Handling, and Ultimate Disposal of Any Chemical or Toxic Material	A				
H	Wildlife and Fish Habitat	A				
I	Storage and Handling of Refuse and Sewage	A				
J	Historical / Archaeological Sites	A				
K	Objects and Places of Recreational, Scenic, and Ecological Value	N/A				
L	Security Deposit	A				
M	Fuel Storage	U				C#31, C#32, C#34, C#35
N	Methods and Techniques for Debris and Brush Disposal	N/A				
O	Restoration of Lands	A				
P	Display of Permits and Permit Numbers	A				
Q	Protection of Land	A				
R	Sections 8 to 12 / 14 to 16 M.V.L.U.R.	A				
S	Quarrying Methods	N/A				



ENVIRONMENTAL INSPECTION REPORT Pg. 2 (Continued)

Date:	April 12 th 2018	Permit #:	MV2016S0016
-------	-----------------------------	-----------	--------------------

Explanatory Remarks:

An inspection of INAC-CARD Giant Mine Akaitcho Pumping Station Drilling project was completed by Resource Management Officers Tim Morton and Devin Penney on April 12th 2018. The inspection was carried out to ensure compliance with the terms and conditions of the land use permit and approved management plans.

The drilling contractor, Boart Longyear Canada was currently setup on the second drilling location at the time of the inspection. The Inspectors noted that the drilling contractor had three large double walled storage tanks located on the back of a flatbed truck (Photo #9). The project description contained within the application for land use permit MV2016S0016 states that only fuel from tidy tanks and the existing 100,000 liter tanks located within the GIANT Mine site would be used. The land use permit does not have any requirements for secondary containment given that no new fuel storage systems would be used for the project. The Inspector expects that all fuel containers with the exception of the fuel systems listed within the original application are placed within secondary containment.

There were numerous small hydrocarbon stains located throughout the drilling area. Photo's #4 and #7 are two examples of the hydrocarbon stains that the Inspectors noted during the inspection. These areas of contamination must be cleaned up and disposed of in accordance with the approved waste management plan. The Inspectors expect that the operators follow the approved spill contingency plan and the procedures listed within it. It is also requested that the record of spills required under the land use permit be submitted to the Inspector as soon as possible.

There were multiple containers and drip trays containing waste oil that was not sealed throughout the drill site (Photos #6 & #7). This waste must immediately be sealed and disposed of in accordance with the approved waste management plan. There were numerous pieces of equipment that did not have drip trays placed under it as required by condition #34 of the land use permit (Photo #1 & #8). The Permittee must ensure that all parked equipment has drip trays placed underneath and ensure all leaking equipment is repaired immediately.

Overall the Inspectors found that the operators appeared to be unfamiliar with the conditions of the land use permit and the approved management plans. The Inspectors will conduct a follow up inspection in the near future to ensure that all of the non-compliance has been corrected and that the conditions of the land use permit are being complied with.

Please contact the undersigned Inspector at (867) 669-2442 if you have any questions or concerns.

_____*Original Signed*_____
Inspectors Signature



Photo #1: Overview of the camp setup near the drilling site. Note the lack of drip trays present under the equipment.



Photo #2: Spill response kit located near the drilling site.



Photo #3: Overview of the drilling operation.



Photo #4: One of multiple small hydrocarbon leaks throughout the site.



Photo #5: Close up of the drilling rig.



Photo #6: Multiple 5 gallon pails without lids containing waste oil and rocks covered in hydrocarbons.



Photo #7: Drip tray containing waste oil. Note that some of this oil had spilled over to the surrounding environment.



Photo #8: Frost fighter without secondary containment.



Photo #9: Three large storage tanks all connected and placed on the back of a flatbed truck.