



February 2<sup>nd</sup>, 2018

Indigenous and Northern Affairs Canada  
Contaminants and Remediation Division  
P.O. Box 1500  
YELLOWKNIFE, NT X1A 2R3

**Attention: Mr. Carey Ogilvie**

**Re: Land Use Permit MV2016X0011  
Miscellaneous  
Tundra Mine Site, NT**

Dear Mr. Ogilvie,

An inspection of the Tundra Mine winter road was conducted by Inspectors Clint Ambrose and Brandon Bradbury on January 31<sup>st</sup>, 2018. The inspection was carried out to ensure operating conditions annexed to the above noted land use permit are being adhered to during this land use operation. All findings of the inspection were discussed with Mr. Gord Peckford of Nahanni Construction Ltd. (Contractor).

The entire length of the winter road was driven by Inspectors and no major concerns were noted. The Contractor's cooperation to ensure final grooming of the portages occurs prior to use of the road by commercial haul traffic is anticipated and appreciated. Your copy of the Environmental Inspection Report is enclosed and should be self-explanatory.

If you have any questions or concerns, please contact the undersigned at (867) 767-9188 or Mr. Brandon Bradbury at (867) 767-9187 ext. 24193.

Sincerely,

Clint Ambrose  
Manager, Resource Management (Inspector)  
North Slave Regional Office  
GNWT - Department of Lands

cc: MVLWB  
Nahanni Construction Ltd. - via email  
Delta Engineering Ltd. - via email  
DIAND - CARD - via email





## ENVIRONMENTAL INSPECTION REPORT

Permittee:	DIAND-CARD	Inspection Date: January 31 <sup>st</sup> , 2018
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		Permit Expiry Date	Last Previous Inspection
Land Use Permit No.	MV2016X0011	October 19 <sup>th</sup> , 2021	February 23 <sup>rd</sup> , 2017
Quarry Permit No.			
Contractor:	Nahanni Construction Ltd.	Subcontractor:	Delta Engineering Ltd.

Location(s) Inspected:	The winter road from Mackay Lake to Tundra Mine.
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Current Stage of Operation:	Winter road construction was complete and the final grooming of portages was underway.
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Program Modifications Approved:	
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Condition of Operation "A" - Acceptable "U" - Unacceptable "N/A" - Not Applicable

	Operating Condition	Aspect Inspected			Condition
		Winter Road			
A	Location and Area	A			
B	Time	A			
C	Type and Size of Equipment	A			
D	Methods and Techniques	A			
E	Type, Location, Capacity and Operation of All Facilities	A			
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 Fisheries Habitat	A			
I	Storage, Handling and Disposal of Refuse or Sewage	A			
J	Protection of Historical, Archeological and Burial Sites	A			
K	Objects and Places of Recreational, Scenic or Ecological Value	N/A			
L	Security Deposit	A			
M	Fuel Storage	A			
N	Methods and Techniques for Debris and Brush Disposal	A			
O	Restoration of the Lands	A			
P	Display of Permits and Permit Numbers	A			
Q	Matters Not Inconsistent With the Regulations	A			
R	Sections 8 to 16 M.V.L.U.R.	A			



## ENVIRONMENTAL INSPECTION REPORT Pg. 2

Date: January 31 <sup>st</sup> , 2018	Permit #: MV2016X0011
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Explanatory Remarks
<p>An inspection of the Tundra Mine winter road was conducted by Inspectors Clint Ambrose and Brandon Bradbury on January 31<sup>st</sup>, 2018. The inspection was carried out to ensure operating conditions annexed to the above noted land use permit are being adhered to during this land use operation. All findings of the inspection were discussed with Mr. Gord Peckford of Nahanni Construction Ltd. (Contractor) at the camp.</p> <p>Prior to the demobilization of personnel from the mine site in November 2017, the Contractor conducted some lake flooding along the approved winter road route to help promote ice growth on lakes that were problematic during the previous winter road season. This work as well as the initial icing of the portages occurred for approximately three weeks and personnel demobilized on approximately December 4<sup>th</sup>, 2017.</p> <p>Land use operations re-commenced on approximately January 9<sup>th</sup>, 2018 and at the time of the inspection, the entire length of the winter road was cleared to width on the ice surface of all lakes and portage construction was nearing completion with only final grooming remaining. Examples of completed portages can be viewed in Photo #1 &amp; #2, and once additional grooming of the shoulders occurs, the road will be in a condition suitable for use by commercial haul traffic to commence demobilization of the camp, equipment, seacans, and other items that were utilized for the reclamation of the Tundra Mine.</p> <p>During the 2017 Operating Season the Contractor used a new alignment which was unacceptable and the Inspectors are pleased to report that this concern did not occur this year and the permitted route was constructed. Your cooperation to ensure compliance with Condition #6 for the 2018 Season is appreciated.</p> <p>Equipment used for the construction of the winter road included two graders (Photo #3), two water trucks, and a Snowcat (Photo #4). No concerns were noted with equipment as no obvious hydrocarbon spills were observed along the road, and it appeared that care was taken with the blades of equipment to ensure the ground surface of portages remained undisturbed (no rutting or gouging).</p> <p>The Contractor is anticipating a maximum of 100 loads departing the Tundra Mine this year and it is imperative that the condition of the portages be diligently monitored and maintenance conducted when warranted ensuring compliance with Condition #12 of the permit.</p> <p>Mr. Peckford informed Inspectors that the goal is to commence demobilization immediately with a completion date of approximately February 22<sup>nd</sup>, 2018, and a camp closure on or before March 1<sup>st</sup>, 2018. <u>The undersigned Inspector respectfully requests that as this land use operation nears completion, and the winter road is no longer in use, an update is provided in a timely manner so that an inspection can be scheduled.</u></p>

Completed off Site  
Representative's Signature

Clint Ambrose  
Inspector

  
Inspector's Signature



Photo #1 - MV2016X0011 - INAC-CARD - Tundra Mine  
Looking north at the first portage off of Mackay Lake.



Photo #2 - MV2016X0011 - INAC-CARD - Tundra Mine  
Looking south at the first portage with Mackay Lake in the background.



Photo #3 - MV2016X0011 - INAC-CARD - Tundra Mine  
Grader working on the ice surface of Mackay Lake.



Photo #4 - MV2016X0011 - INAC-CARD - Tundra Mine  
Snowcat actively knocking down the windrows on the ice surface of Mackay Lake.