



P.O. Box 1500  
4923 52<sup>nd</sup> Street  
Yellowknife, NT  
X1A 2R3

March 16<sup>th</sup> 2018

INAC-CARD Giant Mine UBC Bridge

**RE: Land Use Permit MV2017X0030 –Giant Mine UBC Bridge Project**

Dear Ms. Plato,

An inspection of INAC-CARD Giant Mine UBC Bridge Project was completed by Resource Management Officer Tim Morton and Devin Penney on March 12<sup>th</sup> 2018. The inspection was conducted to ensure compliance with the terms and conditions of the land use permit, water licence, 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 – March 12<sup>th</sup> 2018**

**ENVIRONMENTAL INSPECTION REPORT (MV2017X0030)**

Permittee:	CARD Giant Mine	September 27 <sup>th</sup> 2022	N/A
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Land Use Permit No.	MV2017X0030	Permit Expiry Date	Last Previous Inspection
Quarrying Permit No.			
Contractor:	Formula Contractors	Subcontractor:	

Location(s) Inspected:	Giant Mine UBC Bridge Area
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Current Stage of Operation:	Bridge Reconstruction
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Program Modifications Approved:	N/A
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Condition of Operation "A" - Acceptable "U" - Unacceptable "N/A" - Not Applicable "N/I" - Not Inspected

	Operating Condition	Aspect Inspected			
		Camp/Bridge Area			
A	Location and Area	A			
B	Time	A			
C	Type and Size of Equipment	A			
D	Methods & Techniques	N/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 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	A			
N	Methods and Techniques for Debris and Brush Disposal	N/A			
O	Restoration of Lands	A			
P	Display of Permits and Permit Numbers	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:	March 12 <sup>th</sup> 2018	Permit #:	<b>MV2017X0030</b>
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### Explanatory Remarks:

An inspection of INAC-CARD Giant Mine UBC bridge project was completed by Resource Management Officers Tim Morton and Devin Penney on March 12<sup>th</sup> 2018. The inspection was carried out to ensure compliance with the terms and conditions of the land use permit, water licence, and approved management plans.

On March 3<sup>rd</sup> 2018, Ms. Taschuk provided the Inspectors the required notification in accordance with conditions #3 and #4 of the land use permit. Ms. Taschuk stated that it was estimated that work under land use permit MV2017X0030 would commence on March 5<sup>th</sup> 2018.

The Inspectors noted at the time of the inspection that site personnel were using a 110 ton crane (Photo #1) to unload construction material (Photo #2) that is required to complete the bridge repairs. The contractor had staged one ATCO trailer and one portable toilet near the work area (Photo #3). The Inspectors had no concerns with the waste management onsite as it appeared to comply with conditions #18 and #19 of the land use permit.

The project requires the contractor to work in very close proximity to Baker Creek (Photos #4 & #6). The Inspectors noted that the Baker Creek ice surface had no visible sediment or rocks on it (Photo #7) which indicated that onsite personnel were using extra precautions while conducting the land use activities near the creek.

Site personnel explained that the four piles used to support the old bridge were loose and needed to be replaced (Photo #5). Engineers were working on the new pile placement locations and the Inspectors requested that notification be given prior to the drilling of the new piles. The Inspectors also explained that silt fencing should be installed prior to the drilling and that the ice surface be scraped to ensure that no sediment enters Baker Creek during freshet.

The Inspectors noted that drip trays were placed under all stationary equipment (Photo #8) in accordance with condition #26 of the land use permit and that no fuel tanks were present within the immediate land use area.

The Inspectors were pleased with the land use activities and the care taken to avoid impacts to Baker Creek.

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

\_\_\_\_\_\*Original Signed\*\_\_\_\_\_  
Inspectors Signature



**Photo #1: 110 Ton Crane used in the repair of the bridge**



**Photo #2: Overview of a load of material needed for the bridge repair.**



**Photo #3: Overview of the portable trailer and facilities used to facilitate the activities under the land use permit.**





**Photo #4: Overview of the bridge area that spans Baker Creek.**



**Photo #5: The older piles that will be replaced prior to the replacement of the bridge.**



**Photo #6: Overview of the north side of Baker Creek.**



**Photo #7: The ice surface of Baker Creek near the bridge repair area.**



**Photo #8: Overview of the equipment staging area near Baker Creek.**