



February 4<sup>th</sup>, 2022

GNWT - Department of Infrastructure  
PO Box 1320  
Yellowknife, NT X1A 2L9

**Re: File Number W2021E0007**  
**Type of Operation Drilling program**  
**Location**

Dear Ziaur Rahman,

An inspection of the completed geotechnical drilling program on the Whati access road was conducted by Inspectors Clint Ambrose and Karine Gignac on February 3<sup>rd</sup>, 2022. 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 Robert Osborne (Contractor).

The main concerns during the inspection is that there was no spill kit available on site, and no drip trays or pads placed under parked equipment, which is unacceptable. There were no concerns noted with any of the borehole locations, drilling waste and other waste management on site. 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 Ms. Karine Gignac at (867) 767-9187 ext. 24189.

Sincerely,

Karine Gignac  
Resource Management Officer II (Inspector)  
North Slave Regional Office  
GNWT - Department of Lands

cc: MVLWB  
GNWT, Department of Infrastructure - via email  
Geotech Drilling - via email



## ENVIRONMENTAL INSPECTION REPORT

Permittee:	GNWT Infrastructure	Inspection Date – February 3 <sup>rd</sup> , 2022
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	Permit Expiry Date	Last Previous Inspection
Land Use Permit No.	W2021E0007	August 1 <sup>st</sup> , 2026
Quarry Permit No.		August 26 <sup>th</sup> , 2021
Contractor:	Geotech Drilling	Subcontractor:

Location(s) Inspected:	Completed geotechnical drilling program on the Whati access road.
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Current Stage of Operation:	Land use operations are complete and only demobilization of the equipment remains.
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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
		Drill program			
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	U			#47 Spill response #48 Drip trays
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: February 3 <sup>rd</sup> , 2022	Permit #: W2021E0007
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Explanatory Remarks
<p>An inspection of the completed geotechnical drilling program on the Whati access road was conducted by Inspectors Clint Ambrose and Karine Gignac on February 3<sup>rd</sup>, 2022. 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 in a phone conversation with Robert Osborne (Contractor).</p> <p>The Geotechnical drilling program was initiated on January 30<sup>th</sup>, 2022 and completed on February 2<sup>nd</sup>, 2022. Figure #1 to #3 show completed borehole locations. Prior to the commencement of the drilling and throughout the program, the Inspectors received timely updates on the operation status and the locations of all 4 drill sites.</p> <p>Water and drilling waste were disposed down hole as they were being generated; therefore there is no drilling waste on site. Warm water was used for the drilling and there was no need to add chemicals/additives to the water. There is no accumulation of waste of any kind on site and no concerns were noted with any aspect of waste management.</p> <p>The equipment on site was being demobilized at the time of the inspection. There was no spill response kit available on site as required under Condition #47 of the Land use Permit. The generator and fuel tank had secondary containment (Figure #6 and #7), but the drill, bobcat and coil stove (Figure #4 and #5) lacked drip trays and this is unacceptable as per Condition #48. It is a requirement that spill response materials are available on site at all time during the land use operation including demobilization, and that drip trays/hydrocarbon absorbent pads be placed under the equipment at any stage of the land use operation.</p> <p>Overall, the Inspectors were pleased with the manner in which this land use operation is being conducted and the following was observed at the Whati drilling locations:</p> <ul style="list-style-type: none"><li>• Proper off-site disposal of waste and no accumulation on site (Figure #8).</li><li>• There were no additives required for the drill process, and all drill waste &amp; water were disposed of down hole.</li><li>• Minimal disturbance at the boreholes locations (Figure #1 to #3)</li><li>• There is no spill kit available on site and no drip trays placed under parked equipment.</li></ul> <p>Once demobilization of equipment is completed, clean up (scrape off) of impacted snow from small spills is required since a small glycol spill was observed., This must be done to comply with the Spill Contingency Plan and Condition #54 (Final clean-up and restoration of the land) of the land use permit.</p> <p>If any further land use operations will be conducted under the authority of the land use permit, please ensure proper notification is provided to the Inspectors.</p>

Completed off Site  
Representative's Signature

Karine Gignac  
Inspector

  
Inspector's Signature



**Figure 1**

Completed borehole on the north side of the Whati access road.



**Figure 2**

Completed borehole (W 21-03) on the south side of the Whati access road.





**Figure 3**

Ancillary equipment on the south side of the Whati access road.



**Figure 4**

Geotech drill used for the program and Bobcat on site. There were no drip trays under parked equipment.





**Figure 5**

Another view of the drill and lack of drip tray and spill kit. A small glycol spill was observed.



**Figure 6**

Generator, fuel tank and coil stove on site. The coil stove must have drip tray or secondary containment to minimize potential hydrocarbon spills.





**Figure 7**

The generator and fuel tank on site have secondary containment.



**Figure 8**

Equipment, drill rods and other items ready for demobilization.

