



May 18, 2016

GNWT Department of Transportation
P.O. Box 2038
Inuvik, NT X0E 0T0

Attention: Dean Ahmet

Quarry Permit: 2014QP0058 (N2013Q0019) - Borrow Source PW 10-11 (ITH)
2015QP0010 (N2015Q0002) - Borrow Source 174 (ITH)
2015QP0019 (G14E002) - Various pits along Dempster Highway
2016QP0005 (N2016Q0003) - Borrow Source 312 (ITH)
2016QP0006 (N2016Q0002) - Borrow Source GSC 4 (ITH)

Type of Operation: Quarrying

Dear Mr. Ahmet,

Please see the attached amended Quarry Permits which state the correct references to the Northwest Territories Lands Act & Quarrying Regulations.

Should you have any other questions, please contact our office at (867) 777-8900.

Sincerely,

Conrad Baetz
Regional Superintendent
Beaufort Delta Region

Encl.

Cc. Resource Management Officers, Inuvik
Gwich'in Land and Water Board

TERRITORIAL QUARRYING REGULATIONS

QUARRY PERMIT No. 2015QP0019 (Amended May 17, 2016)

Free Permit Under

Permittee: **GNWT Department of Transportation**

Section 9 (2)(b) of the

Address: P.O. Box 2038
Inuvik, NT X0E 0T0

Territorial Quarrying Regulations

Phone: 867-777-7349

Is hereby authorized to take:

**900 cubic metres of Shale/Rock
800 cubic metres of Shale
800 cubic metres of Shale
200 cubic metres of Shale
500 cubic metres of Shale
100 cubic metres of Shale
500 cubic metres of Shale
900 cubic metres of Shale
500 cubic metres of Blast Rock**

From the lands described as follows:

**Km 23.9 of the Dempster Highway 900 m³ of Shale/Rock material
Km 28.8 of the Dempster Highway 800 m³ of Shale material
Km 141.0 of the Dempster Highway 800 m³ of Shale material
Km 166.3 of the Dempster Highway 200 m³ of Shale material
Km 178.1 of the Dempster Highway 500 m³ of Shale material
Km 193.7 of the Dempster Highway 100 m³ of Shale material
Km 211.2 of the Dempster Highway 500 m³ of Shale material
Km 230.2 of the Dempster Highway 900 m³ of Shale material
Km 235 of the Dempster Highway 500 m³ of Blast Rock material**

SUBJECT TO THE FOLLOWING CONDITIONS:

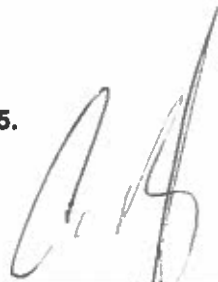
1. This permit shall expire when the quantity of material or substance mentioned in the permit has been quarried or removed, or on the expiry of two years from the date of issue of the permit, whichever is the earlier.
2. This permit does not grant to the Permittee and exclusive right or leasehold interest in the land described herein.
3. This permit shall not be assigned.
4. All quarrying under this permit shall be carried out in accordance with the approved Quarry Management/Development Plan, if applicable.
5. The Permittee will identify the work area to the satisfaction of the Land Use Inspector prior to the removal of any material and any change in location will require prior approval of the Land Use Inspector.
6. All surveyed data submitted (including pre and post blasts if applicable) shall be in a electronic format with waypoints, shape files and excel spreadsheets compatible with ArcGIS 9.3.
7. Pre and post surveys must be conducted by a certified Canada Land Surveyor or certified engineering technician or as approved by the land use inspector.
8. Pre-surveys must be submitted to the land use inspector, 10 days prior to the commencement of operations, for approval.
9. Post-surveys must be submitted to the land use inspector within 60 days of completion of the operation.
10. Quarry operations in all crown pits, including multi user pits, must be coordinated by the Land Use Inspector and be conducted as per the quarry permit application and/or Quarry Management/Development Plan.

11. The Permittee will not work any area worked by any other Permittee except as co-ordinated by the Land Use Inspector.
12. Prior to the tenth day of each month, the Permittee shall submit a report to the Land Use Inspector at (867) 777-2090, indicating the quantity of material quarried and the quantity of material removed from the site. Failure to submit the monthly report within indicated time frames may result in cancellation of this permit as per section 9 (6) of the regulations.
13. Upon expiry of the permit, the Permittee must submit a Final Plan to the Land Use Inspector for reconciliation and approval. Failure to submit a Final Plan within 60 days of project completion may result in rejection of future Quarry Permit Applications until rectified.
14. A permittee who over-quarries may be ineligible for future quarry permits for a twelve month period and additional legal action may be taken by the Land Use Inspector under the Territorial Quarrying Regulations.
15. This permit is subject to the provisions of the Territorial Quarrying Regulations and the conditions set out herein. Failure to comply with the provisions of the Regulations and the conditions prescribed in this permit may result in cancellation of the permit in accordance with Section 9 (6) of the Territorial Quarrying Regulations without prior notice to the Permittee.
16. Upon expiration of this Permit, as prescribed in Condition One, the Permittee shall carry out the reclamation activities within timelines as approved by the Inspector in the Quarry Management/Development Plan.

Definitions:

- **Quarrying**: the acts of blasting, ripping, excavating and piling material
- **Work area**: that area designated in the quarry application to be used for the extraction of material or substance and for further processing thru screening or crushing.
- **Opening Up** - The preparation of a pit or quarry site from an undisturbed condition for the working and extraction of material and includes surface clearing and overburden removal and placement.
- **Quarry Material** - Material including limestone, granite, slate, marble, gypsum, loam, marl, gravel, sand, clay, stone, or volcanic ash.
- **Quarry Operation** - Means activities at a pit or quarry associated with the opening up of the site or any portion thereof, or the extraction, processing, stockpiling or removal of materials from the site, or the restoration of the site, and includes any works, machinery, plant, buildings and premises belonging to or used in connection with the pit or quarry.

Issued at Inuvik, this 25th of May, 2015.



Land Agent