



P.O. Box 2018 Inuvik NT. X0E 0T0  
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## LAND USE PERMIT

Permit Class: **A**

Permit No: **G04Q003**

Subject to the Mackenzie Valley Land Use Regulations and the terms and conditions of this permit, authority is hereby granted to:

**GNWT Department of Transportation.**

PERMITTEE

To proceed with the land use operation described in the application of:

Signature: **Arvind Vashishtha**

Date: **Feb 29/04**

Type of Land Use Operation: **Quarry Operations**

Location: **KM 1, KM 4, KM 10.5, KM 11.4 and KM 12.5 of the Dempster Highway**

This permit may be assigned, extended, discontinued, suspended or cancelled pursuant to the Mackenzie Valley Land Use Regulations.

Dated at **Inuvik, NT**

Chair 

This **5 th**

Day of, **April 2004.**

Commencement Date **April 5, 2004.**

Expiry Date **April 4, 2009.**

### NOTE

**IT IS A CONDITION OF THIS PERMIT THAT THE PERMITTEE COMPLY WITH ANY OTHER APPLICABLE ACT, REGULATION, ORDINANCE, BY-LAW OR ORDER DEFAULT HEREOF MAY RESULT IN SUSPENSION OR CANCELLATION OF THIS PERMIT.**

**CONDITIONS ATTACHED TO AND FORMING PART OF LAND USE PERMIT  
NUMBER: G04Q003 – Quarrying Operations**

**APPLICANT: Department of Transportation**

**LOCATION: KM 1, KM 4, KM 10.5, KM 11.4, KM 12.5 of the Dempster Highway**

**1.0 26 (1) (a) - LOCATION AND AREA OF LANDS**

- |     |   |                                      |
|-----|---|--------------------------------------|
| 1.1 | The Permittee shall not conduct this land use operation on any lands not designated in the accepted application, unless otherwise authorized in writing by the <b>BOARD</b> .                               | <b>PLANS</b>                         |
| 1.2 | The Permittee shall not conduct any part of the land use operation within three hundred (300) metres of any privately owned land or structure, unless otherwise authorized in writing by the <b>BOARD</b> . | <b>PRIVATE<br/>PROPERTY</b>          |
| 1.3 | The Permittee shall only stockpile in areas designated by a <b>LAND USE INSPECTOR</b> .   | <b>DESIGNATED<br/>AREA</b>           |
| 1.4 | The Permittee shall remove from Territorial Lands, all scrap metal, discarded machinery and parts, barrels and kegs, buildings and building material.   | <b>REMOVE<br/>WASTE<br/>MATERIAL</b> |
| 1.5 | This permit expires five (5) years from the date of issuance or when the Permittee is NOT in possession of a valid access authorization from the Department of Indian & Northern Affairs.                   | <b>EXPIRY DATE</b>                   |

**2.0 26 (1) (b) - TIMES OF THE LAND USE OPERATION**

- |     |   |                                       |
|-----|---|---------------------------------------|
| 2.1 | The Permittee's Field Supervisor shall contact the DIAND LAND USE INSPECTOR, telephone number (867) 777- 3361, at least forty-eight (48) hours prior to the commencement of this land use operation.  | <b>CONTACT<br/>INSPECTOR</b>          |
| 2.2 | The Permittee shall advise a <b>LAND USE INSPECTOR</b> at least ten (10) days prior to the completion of the land use operation of (a) the Permittee's plan for removal or storage of equipment and materials, and (b) when final clean-up and restoration of the land used has been completed. | <b>REPORTS<br/>BEFORE<br/>REMOVAL</b> |
| 2.3 | The <b>BOARD</b> reserves the right to impose closure of any area to the Permittee in periods when dangers to natural resources are severe.   | <b>CLOSURE</b>                        |
| 2.4 | The Permittee shall complete all clean-up and restoration of the lands used prior to the expiry date of this Permit.  | <b>CLEAN-UP</b>                       |

2.5 The Permittee shall commence and foster revegetation on the land used, as directed by a Land Use Inspector, within one (1) year of the completion of the land use operation. **RE-ESTABLISH VEGETATION**

**3.0 26 (1) (c) - TYPE AND SIZE OF EQUIPMENT**

3.1 The Permittee shall not use any equipment except of the type, size, and number that is listed in the accepted application, unless otherwise authorized in writing by a **LAND USE INSPECTOR**. **ONLY APPROVED EQUIPMENT**

3.2 The Permittee shall keep all garbage and debris in a covered metal container until disposed of. This container shall be marked with the Permittee's name **GARBAGE CONTAINER**

**4.0 26 (1) (d) - METHODS AND TECHNIQUES**

4.1 The Permittee shall not use explosives **RESTRICTIONS**

4.2 Stripping of overburden must be approved by a **LAND USE INSPECTOR** prior to commencement of the quarrying operation. **STRIPPING OF OVERBURDEN**

4.3 The Permittee shall slope the sides of excavations and embankments except in solid rock to two (2) horizontal to one (1) vertical, unless otherwise authorized in writing by a LAND USE INSPECTOR. **EXCAVATIONS AND EMBANKMENTS**

4.4 The Permittee shall slope the sides of waste material piles to a gradient specified in writing by a **LAND USE INSPECTOR** **WASTE MATERIAL**

4.5 The Permittee shall dispose of all overburden as instructed in writing by the Land Use Inspector. **DISPOSAL OF OVERBURDEN**

**5.0 26 (1) (e) - TYPE, LOCATION, CAPACITY AND OPERATION OF FACILITIES**

5.1 The Permittee shall ensure that the land use area is kept clean and tidy at all times. **CLEAN WORK AREA**

**6.0 26 (1) (f) - CONTROL OR PREVENTION OF FLOODING, EROSION AND SUBSIDENCE OF LAND**

6.1 The Permittee shall remove any obstruction to natural drainage caused by any part of this land use operation. **NATURAL DRAINAGE**

6.2 The Permittee shall install erosion control structures as the land use operation progresses, unless otherwise authorized by a **LAND USE INSPECTOR**. **EROSION CONTROL**

6.3 The Permittee shall prepare the site in such a manner as to prevent rutting of the ground surface. **PREVENTION OF RUTTING**

6.4 The Permittee shall save the organic soil stripped from the **SAVE**

|            |   |   |
|------------|---|---|
|            | excavation area.  | <b>ORGANIC SOIL</b>                                     |
| 6.5        | The Permittee shall not construct interceptor or off-shoot drainage ditches, unless approved in writing by the Land Use Inspector.  | <b>DITCHES</b>  |
| 6.6        | The Permittee shall place the organic soil over the disturbed area prior to the expiry date of this Permit.   | <b>PLACE<br/>ORGANIC SOIL</b>                           |
| <b>7.0</b> | <b>26 (1) (g) - USE, STORAGE, HANDLING AND DISPOSAL OF CHEMICAL OR TOXIC MATERIAL</b>   |   |
| 7.1        | The Permittee shall dispose of all combustible waste petroleum products by incineration or removal.   | <b>WASTE<br/>PETROLEUM<br/>DISPOSAL</b>                 |
| 7.2        | The Permittee shall report all spills immediately in accordance with instructions contained in "Spill Report" form N.W.T. 1086 (10/79). 24 hour Spill Report Line (403) 920-8130. | <b>REPORT<br/>CHEMICAL<br/>AND<br/>PETROLEUM SPILLS</b> |
| 7.3        | The Permittee shall remove all garbage and debris from the area of the land use operation to a disposal site approved in writing by a <b>LAND USE INSPECTOR</b> .                 | <b>REMOVE<br/>GARBAGE</b>                               |
| 7.4        | The Permittee shall not use chemicals in connection with the land use operation without the prior approval of the Engineer.   | <b>APPROVAL<br/>OF CHEMICALS</b>                        |
| <b>8.0</b> | <b>26 (1) (h) - PROTECTION OF WILDLIFE HABITAT AND FISHERIES</b>  |   |
| 8.1        | The Permittee shall not unnecessarily damage wildlife habitat in conducting this land use operation.  | <b>HABITAT<br/>DAMAGE</b>                               |
| 8.2        | The Permittee shall not quarry to a depth below that of the water table. Do not quarry below existing pit floor.  | <b>QUARRY<br/>DEPTH</b>                                 |
| 8.3        | The Permittee shall not place any petroleum fuel storage containers within thirty (30) metres of the normal high water mark of any stream.  | <b>FUEL BY<br/>STREAM</b>                               |
| 8.4        | The Permittee shall suspend overland travel and allow caribou to pass where migrating herds are encountered.  | <b>AVOID<br/>CARIBOU</b>                                |
| 8.5        | The Permittee shall use culverts of a size that will ensure the velocity of the stream flow is not increased.   | <b>CULVERTS/SIZE</b>                                    |
| 8.6        | The Permittee shall place the bottoms of all culverts installed in streams inhabited by fish at a level that maintains the natural contour of the stream.                         | <b>CULVERT<br/>INSTALLATION</b>                         |
| <b>9.0</b> | <b>26 (1) (i) - STORAGE, HANDLING AND DISPOSAL OF REFUSE OR SEWAGE</b>  |   |

9.1 The Permittee shall not allow petroleum products to spread to surrounding lands or into water bodies.

**FUEL  
CONTAINMENT**

**10.0 26 (1) (j) - PROTECTION OF HISTORICAL AND ARCHEOLOGICAL SITES AND BURIAL GROUNDS**

**11.0 26 (1) (k) - PROTECTION OF OBJECTS AND PLACES OF RECREATIONAL, SCENIC OR ECOLOGICAL VALUE**

**12.0 26 (1) (l) - POSTING OF A SECURITY**

**13.0 26 (1) (m) - THE ESTABLISHMENT OF PETROLEUM STORAGE FACILITIES**

**14.0 26 (1) (n) - METHODS AND TECHNIQUES OF DEBRIS AND BRUSH DISPOSAL**

14.1 The Permittee shall totally dispose of all woody debris and brush by burning.

**BURN BRUSH  
PILES**

14.2 The Permittee shall progressively complete disposal of all debris and brush.

**PROGRESSIVE  
DISPOSAL**

14.3 The Permittee shall cut all brush on the right-of-way which exceeds one (1) metre in height.

**SMALL BRUSH**

14.4 The Permittee shall carry out total disposal of debris and brush and all areas visible from public roads and/or navigable waterways, unless otherwise authorized in writing by a Land Use Inspector.

**PUBLIC VIEW  
AREAS**

**15.0 26 (1) (o) - THE RESTORATION OF LANDS**

**16.1 26 (1) (p) - DISPLAY OF PERMITS AND PERMIT NUMBERS**

16.1 The Permittee shall keep on hand, at all times during this land use operation, a copy of the Land Use Permit

**COPY OF  
PERMIT**

**17.0 26 (1) (q) - MATTERS NOT INCONSISTENT WITH THE REGULATIONS**

17.1 The Permittee shall provide in writing to the LAND USE INSPECTOR, at least forty-eight (48) hours prior to commencement of this land use operation, the following information:

**IDENTIFY  
AGENT**

- (a) person, or persons, in charge of the field operation to whom notices, orders, and reports may be served;
- (b) alternates;
- (c) all the indirect methods for contacting the above person(s).

17.2 The Permittee shall conspicuously display the Land Use Permit number on all vehicles and equipment.

**DISPLAY  
PERMIT  
NUMBER**