



# GWICH'IN LAND AND WATER BOARD

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Permit Class: **B**

## LAND USE PERMIT

Permit No: **G02S004**

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

**Gwich'in Development Corporation**

PERMITTEE

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

Signature: **Carl Chala**

Date: **Apr 11/02**

Type of Land Use Operation: **Geotechnical Survey**

Location: **Across from 251.2 Rock Quarry:** Min Lat: **68° 18' 30" N,** Max Lat: **68° 19' 00" N,**  
Min Long: **133° 19' 30"** Max Long: **133° 20' 30" W**

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

Dated at Inuvik, NT

Chair 

This 7th

Day of, May, 2002.

Commencement Date May 8, 2002.

Expiry Date April 15, 2003.

### 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 G02S004**

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

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|-----|---|---|
| 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 Board.   | <b>PLANS</b>                                    |
| 1.2 | The Permittee shall not construct an adit or drill site within thirty (30) metres of the normal high water mark of a stream, unless approval in writing is obtained from the Board.   | <b>LOCATION OF<br/>ADITS AND<br/>DRILLSITES</b> |
| 1.3 | The Permittee shall remove from Gwich'in Lands, all scrap metal, discarded machinery and parts, barrels and kegs, buildings and building material.  | <b>REMOVE<br/>WASTE<br/>MATERIAL</b>            |
| 1.4 | The Permittee shall locate all lines, trails and rights-of-way to be constructed parallel to streams a minimum of thirty (30) metres from any stream except at crossings, unless otherwise authorized in writing by a Land Use Inspector. | <b>PARALLELING<br/>STREAMS</b>                  |

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

- |     |   |                                       |
|-----|---|---------------------------------------|
| 2.1 | This permit is valid only when the Permittee is in possession of a valid access authorization from Gwich'in Land Administration.  | <b>EXPIRY<br/>DATE</b>                |
| 2.2 | The Permittee's Field Supervisor shall contact or meet with a Land Use Inspector at the office of the Department of Indian and Northern Development, telephone number (867) 777-3361, at least forty-eight (48) hours before the commencement of this land use operation.   | <b>CONTACT<br/>INSPECTOR</b>          |
| 2.3 | The Permittee shall advise a Land Use Inspector at least ten (10) days prior to the completion of the land use operation of (a) his plan for removal or storage of equipment and materials, and (b) when final clean up and restoration of the land used will be completed. | <b>REPORTS<br/>BEFORE<br/>REMOVAL</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 BOARD reserves the right to impose closure of any area to the Permittee in periods when dangers to natural resources are severe.  | <b>CLOSURE</b>                        |

## **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, or unless otherwise authorized in writing by a Land Use Inspector.

**ONLY  
APPROVED  
EQUIPMENT**

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

- 4.1 The Permittee shall scout proposed lines and routes to select the best location for crossing streams and avoiding terrain obstacles prior to the movement of any vehicle that exerts pressure on the ground in excess of 35 kPa.

**DETOURS AND  
CROSSINGS**

- 4.2 The Permittee shall dogleg lines, trails and rights-of-way that approach lakes, streams or public roads, as specified in writing by a Land Use Inspector.

**DOGLEG  
APPROACHES**

- 4.3 The Permittee shall plug all bore holes as the land use operation progresses.

**PLUG HOLES**

- 4.4 The Permittee shall refill and restore bore hole craters as the land use operation progresses.

**REFILL  
CRATERS**

- 4.5 The Permittee shall remove all wire from the land as the land use operation progresses.

**REMOVE WIRE**

- 4.6 The Permittee shall replace all excavated material from the test pits prior to the expiry of this Permit.

**TEST PITS**

- 4.7 The Permittee shall construct and maintain winter roads with a minimum of ten (10) centimetres packed snow at all times during this land use operation. If this cannot be done, then the road must be flooded and frozen.

**SNOW ROADS/  
ICE ROADS**

- 4.8 Winter Stream/Lake crossings should be located to minimize approach grades. Cutting or filling of crossing approaches should not be permitted unless approved by the Inspectors.

**STREAM/LAKE  
CROSSINGS**

- 4.9 Winter Stream/Lake crossings should be constructed entirely of snow materials/water or authorized by an inspector and be removed prior to spring break-up.

**CONSTRUCTION  
MATERIAL**

**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**

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

6.1 (a) The Permittee shall, where flowing water from bore holes is encountered, plug the bore hole in such a manner as to permanently prevent any further outflow of water.

**PLUG  
ARTESIAN  
WELLS**

(b) The artesian occurrence shall be reported to the Board within forty-eight (48) hours.

6.2 The Permittee shall remove any obstruction to natural drainage caused by any part of this land use operation.

**NATURAL  
DRAINAGE**

6.3 The Permittee shall not cut any stream bank, unless authorized in writing by a Land Use Inspector.

**STREAM  
BANKS**

6.4 The Permittee shall not move any equipment or vehicles unless the ground surface is in a state capable of fully supporting the equipment or vehicles without rutting or gouging.

**VEHICLE  
MOVEMENT  
FREEZE-UP**

6.5 The Permittee shall suspend overland travel of equipment or vehicles if rutting occurs.

**SUSPEND OVER-  
LAND TRAVEL**

6.6 The Permittee shall apply grass seed and fertilizer to areas designated in writing by a Land Use Inspector.

**REPLANT  
DESIGNATED  
AREAS**

**26 (1) (g) - USE, STORAGE, HANDLING AND DISPOSAL  
OF CHEMICAL OR TOXIC MATERIAL**

7.1 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 Land Use Inspector.

**REMOVE  
GARBAGE**

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 (867) 920-8130.

**REPORT  
CHEMICAL  
AND  
PETROLEUM  
SPILLS**

**26 (1) (h) - PROTECTION OF WILDLIFE HABITAT AND FISHERIES**

- |     |  |                               |
|-----|--|-------------------------------|
| 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 construct and maintain all structures placed in streams frequented by fish, in such a manner that will not obstruct passage of fish. | <b>FREE FISH<br/>MOVEMENT</b> |

**26 (1) (m) - PETROLEUM FUEL STORAGE**

- |     |   |                             |
|-----|---|-----------------------------|
| 9.1 | The Permittee shall not allow petroleum products to spread to surrounding lands or into water bodies. | <b>FUEL<br/>CONTAINMENT</b> |
|-----|---|-----------------------------|

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

- |      |  |                       |
|------|--|-----------------------|
| 10.1 | The Permittee shall spread all cut debris and brush over the areas cleared, prior to completion of the operation or expiry of the Land Use Permit. | <b>SPREAD BRUSH</b>   |
| 10.2 | The Permittee shall salvage all portions of trees cleared that are larger than thirteen (13) centimetres in diameter.                              | <b>SALVAGE TIMBER</b> |
| 10.3 | The Permittee shall neatly pile all salvaged wood at locations specified in writing by a Land Use Inspector.                                       | <b>PILE WOOD</b>      |
| 10.4 | The Permittee shall not leave tree stumps exceeding twenty (20) centimetres above the ground surface.  | <b>TREE STUMPS</b>    |

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

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|------|---|-----------------------|
| 11.1 | The Permittee shall keep on hand, at all times during this land use operation, a copy of the Land Use Permit  | <b>COPY OF PERMIT</b> |
| 11.2 | The Permittee shall provide in writing to the Board and DIAND's Inspectors 777-3361 at least forty-eight (48) hours before commencement of this land use operation, the following information:<br><br>(a) person, or persons, in charge of the field operation to whom notices, orders, and reports may be served;<br>(b) alternates;<br>(c) all the indirect methods for contacting the above person(s). | <b>IDENTIFY AGENT</b> |

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

12.1 The Permittee shall not construct earth approaches abutted to the roadbed on any public highway or road, without prior approval of the Department of Transportation, Government of the Northwest Territories.

**HIGHWAY  
APPROACHES**