

Gwich'in Land and Water Board

SCHEDULE 2

(Subsection 19(2) of Mackenzie Valley Land Use Regulations)

INFORMATION IN SUPPORT OF AN APPLICATION FOR A LAND USE PERMIT

New Application Amendment

| |
|---|
| <p>1. Applicant's name and mailing address <i>Department of Transportation Box 2038, Inuvik NT X0E 0T0</i></p> <p>Telephone no. <i>(867) 777-7343</i></p> <p>Fax no. <i>(867) 777-4290.</i></p> |
| <p>2. Head office address <i>SAME</i></p> <p>Field supervisor <i>ARVIND VASHISHTHA</i></p> <p>Radio telephone no.</p> <p>Telephone no. <i>SAME AS ABOVE</i></p> <p>Fax no.</p> |
| <p>3. Other personnel (subcontractor, contractors, company, staff, etc.)</p> <p>Total number of persons on site: <i>VARIOUS CONTRACTORS</i></p> |

4. Eligibility

(Refer to section 18 if the Mackenzie Valley Land Use Regulations.)

- (a) (i) (a) (ii) (a) (iii) (b) (i) (b) (ii)

5. a) Summary of operation (describe purpose, nature and location of all activities)
(Refer to paragraph 19 (3) (b) of the Mackenzie Valley Land Use Regulations.)

*Extraction of Shale . Storage of Shale . Blasting
of shale if necessary .*

*The material shall be used for
reconstruction and Maintenance of
Dempster Highway .*

b) Indicate if a camp is to be set up (Provide details on a separate page, if
necessary.)

N/A

6. Summary of potential environmental and resource impacts (describe the effects of the proposed land use operation on land, water, flora and fauna and related socio-economic impacts). (Use separate page if necessary.)

No environmental impacts have been identified at this time.

7. Proposed restoration plans (Use separate page if necessary).

Quarry slopes shall be restored to 3:1 and pit floor will be left with adequate drainage.

8. Other rights, licences or permits related to this permit application (mineral rights, timber permits, water licences, etc.) *Quarry Permit 2004 Q P0036*

Roads:

Is this to be a pioneered road?

Has the route been laid out or ground truthed?

(Provide details on a separate page.)

9. Proposed disposal methods

a) Garbage:

b) Sewage (sanitary and grey water):

N/A

c) Brush and trees:

d) Over burden (organic soils, waste material, etc.)

N/A

| 10. Equipment (includes, drills, pumps, etc.) (Use separate page if necessary.) | | | | |
|---|---|--------------------------------|------------------------|----------|
| Type and number | | Size | Proposed Use | |
| Dozer 2 | | D7/D8 | Excavation | |
| Loader 2 | | 950 / 966 | Load shale | |
| Tractor 10 | | 16m ³ Capacity | Haul Gravel | |
| Drill & Blasting equip (if and as required) | | if ^{and as} necessary | Blasting | |
| | | | | |
| 11. Fuels | ✓ | No. of Containers | Capacity of Containers | Location |
| Diesel | | N/A | | |
| Gasoline | | N/A | | |
| Aviation Fuel | | N/A | | |
| Propane | | N/A | | |
| Other | | N/A | | |
| 12. Containment fuel spill contingency plans. (Attach separate contingency plan if necessary.) | | | N/A | |

13. Methods of fuel transfer (to other tanks, vehicles, etc.)

Fuel will be delivered with fuel truck equipped with electric fuel pump.

14. Period of operation (includes time to cover all phases of project work applied for, including restoration.)

1st April 2004 to 31 Oct. 2005

15. Period of permit (up to five years, with maximum of two years of extension)

Start Date: *April 1, 2004*

Completion date: *Oct. 31, 2005*

16. Location of activities by map co-ordinates (attach maps and sketches)

NTS Maps with LAT & LON ATTACHED
Minimum latitude (degree, minute) Maximum latitude (degree, minute)

Minimum longitude (degree, minute) Maximum longitude (degree, minute)

FOR Km 1, Km 4, Km 10.5, Km 11.4 & Km 12.5
Map sheet no.

17. Applicant *ARVIND VASHISHTHA*
(Print name in full)

Signature *Arvind Vashishtha*

Date *Feb. 16, 2004*

18. Fees

Type A - \$150.00

Type B - \$150.00

Land Use Fees: _____ Hectares @ \$50.00/hectare = _____

Assignment fee: \$50.00

Total = _____

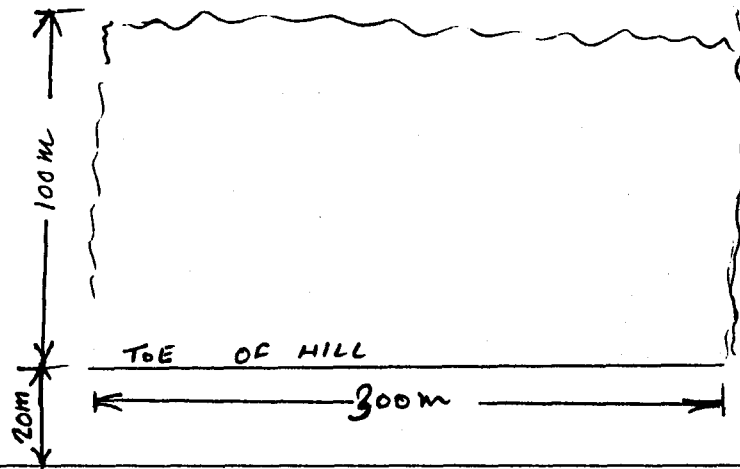
Application for New Quarrying Permit

Reconstruction and Maintenance, Dempster Highway, Km 0 to Km 20

| No | Quarry Location | 2004/2005 Season Quarrying Quantity Required (m ³) |
|----|-----------------|--|
| 1. | Km 1 | 65,000 |
| 2. | Km 4 | 40,000 |
| 3. | Km 10-5 | 65,000 |
| 4. | Km 11-4 | 15,000 |
| 5. | Km 12-5 | 15,000 |
| | | |
| | | |

QUARRY LOCATION KM 1.1 DEMPSTER HIGHWAY (NO.8) NWT

LAT₄ 67.0593500 LON - 136.1870500



EAGLE PLAINS

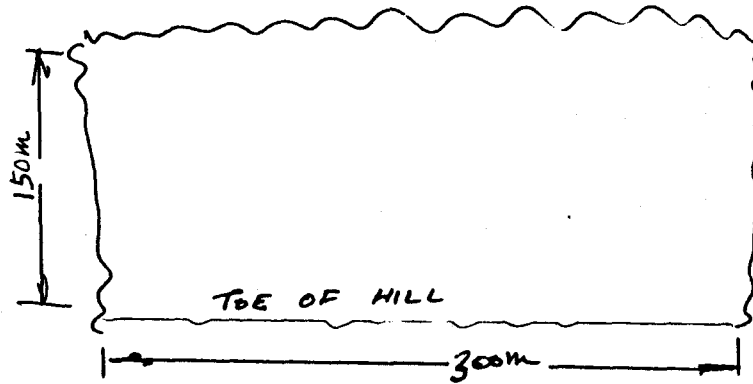
DEMPSTER HIGHWAY
KM 1.0

FORT McPHERSON

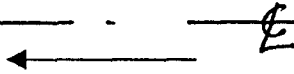
QUARRY LOCATION KM 4.0 DEMPSTER HIGHWAY (NO.8) NWT

LAT +67.0842670

LONG - 136.1627670



EAGLE PLAINS

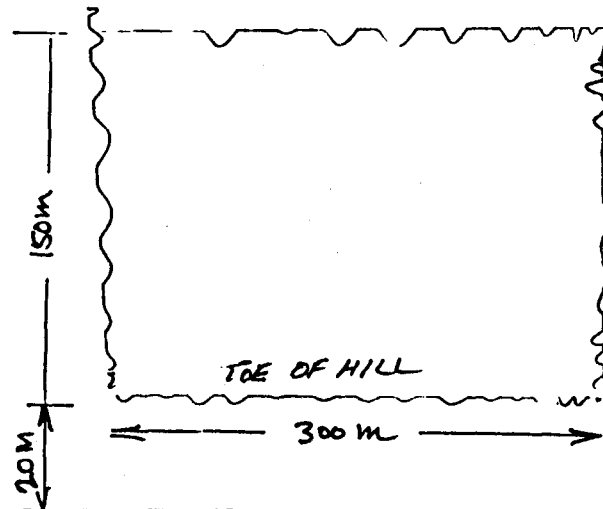


DEMPSTER HIGHWAY
KM 4.0

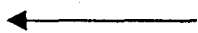
FORT McPHERSON

QUARRY LOCATION KM 10.5 DEMPSTER HIGHWAY (NO.8) NWT

LAT +67.1200500 LON -136.0794330



EAGLE PLAINS

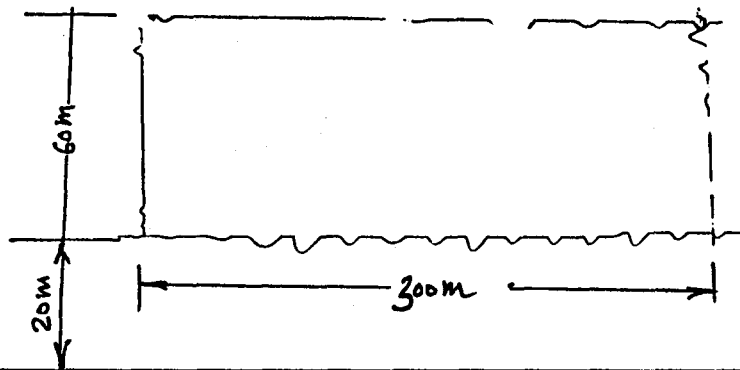


DEMPSTER HIGHWAY
KM 10.5



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11.4
QUARRY LOCATION KM 11.4 DEMPSTER HIGHWAY (NO.8) NWT
LAT + 67.1281500 LON -136.0551830



EAGLE PLAINS

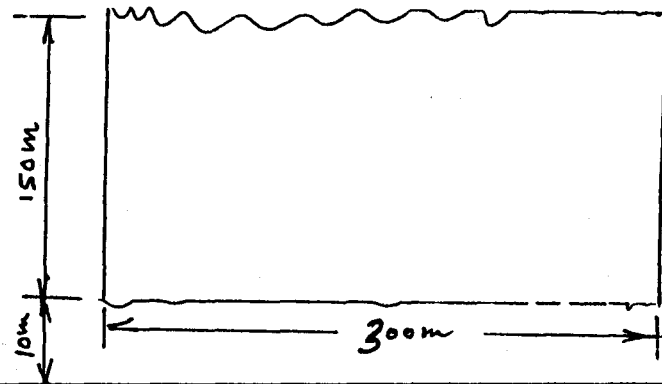


DEMPSTER HIGHWAY
KM 11.4

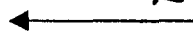
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QUARRY LOCATION KM 12.5 DEMPSTER HIGHWAY (NO.8) NWT

LAT + 67.1323170 LON -136.0340670



EAGLE PLAINS



DEMPSTER HIGHWAY
KM 12.5



FORT McPHERSON