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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</p> <p>Telephone no. (867) 920-6470</p> <p>Fax no. (867)873-0288</p> | <p>Bryan Peterson Highways Division Dept. of Transportation P.O.Box 1320 Yellowknife, N.T. X1A 2L9</p> |
| <p>2. Head office address</p> <p>Field supervisor Bryan Peterson</p> <p>Radio telephone no.</p> <p>Telephone no. (867) 920-6470</p> <p>Fax no. (867)873-0288</p> | <p>Highways Building 4510 50th ave Yellowknife , N.T.</p> |
| <p>3. Other personnel (subcontractor, contractors, company, staff, etc.) 2-3 person drilling crew</p> <p>Total number of persons on site: 4</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.)

The operation is an extension of work carried out under Land Use Permit No. GOOS005 which expired March 27, 2001. Additional drillholes are required to determine the total depth of granular material present in the Frog Creek Granular Source south of km 126 on the Dempster Highway.

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

A 3-4 person self contained unit may be used if commercial accommodation is not available in Fort McPherson.

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.)

The work will involve drilling boreholes with a nodwell mounted rotary/air drill along existing lines which were cleared in July 2000 or at other accessible sites which will not require additional clearing. Environmental impacts will be minimal.

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

Boreholes will be backfilled.

8. Other rights, licences or permits related to this permit application (mineral rights, timber permits, water licences, etc.)

Roads: none

Is this to be a pioneered road? n/a

Has the route been laid out or ground truthed? n/a
(Provide details on a separate page.)

9. Proposed disposal methods

a) Garbage: none

b) Sewage (sanitary and grey water):
none

c) Brush and trees:

n/a

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 |
|----------------------------------|---------------------------|------------------------------|
| one nodwell mounted rotary drill | Mayhew 1000 or equivalent | geotechnical drilling |
| one crew/service vehicle | 1/2 ton - 1 ton | crew travel/ fuel service |
| one pickup | 1/2 ton | field supervisor vehicle |
| | | |
| | | |

| 11. Fuels | ✓ | No. of Containers | Capacity of Containers | Location |
|---------------|---|-------------------|------------------------|--------------------|
| Diesel | X | one | 100 gallons | in service vehicle |
| Gasoline | | | | |
| Aviation Fuel | | | | |
| Propane | | | | |
| Other | | | | |

12. Containment fuel spill contingency plans.

(Attach separate contingency plan if necessary.)

no large fuel storage on site.

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

Transferred from service vehicle to drill by hand or electric pump.

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

Field work is expected to commence and be completed in a one week period in August or September, 2001.

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

Start Date: August 1, 2001

Completion date: March 31, 2002

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

Minimum latitude (degree, minute)

67°, 21' North

Maximum latitude (degree, minute)

67°, 23' North

Minimum longitude (degree, minute)

134°, 02' West

Maximum longitude (degree, minute)

134°, 09' West

Map sheet no. 106M /8

17. Applicant Bryan N. Peterson

(Print name in full)

Signature

B.N. Peterson

Date

June 28, 2001

18. Fees

Type A - \$150.00

Type B - \$150.00

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

Assignment fee: \$50.00

Total = _____

