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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

#### **1. Applicant's name and mailing address**

Susan Nichol, M.A.Sc., P.Eng.  
Geological Survey of Canada  
601 Booth Street  
Ottawa, ON K1A 0E8  
Telephone no. (613) 943-2964  
Fax no. (613) 992-0190

#### **2. Head office address**

As above.

#### **3. Other personnel (subcontractor, contractors, company staff, etc.)**

3 GSC staff + 2 Contractor staff + 1 monitor

Total number of persons on site: 6

#### **4. Eligibility**

**Refer to Section 18 of the Mackenzie Valley Land Use Regulations:**

(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.)**

See attached.

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

We will not be camping. Everyone will commute to the site each day by helicopter from Inuvik.

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

See attached.

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

See attached.

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

Not applicable.

#### **Roads**

**Is this to be a pioneered road?** Not applicable.

**Has the route been laid out or ground truthed?** Not applicable  
(Provide details on a separate page.)

**9. Proposed disposal methods**

- a) **Garbage:** All will be packed out.
- b) **Sewage (Sanitary & Grey Water):** See attached.
- c) **Brush & trees:** Not applicable.
- d) **Overburden (Organic soils, waste material, etc.):** See attached.

**10. Equipment (Includes drills, pumps, etc.) (Use separate page if necessary.)**

**Type and no.:** Heli-portable drill rig.

**Size:** Less than 2.5 t

**Proposed use:** Soil sampling and instrument installation.

Note: Drilling contractor has not yet been retained. More detailed information can be provided at a later date. Contractor will be under supervision of the applicant.

**11. Fuels: Number of containers, Capacity of containers, Location**

**Diesel:** Not yet known

**Gasoline:** Not yet known

**Aviation Fuel:** None

**Propane:** None

**Other:** None

Note: It is anticipated that fuel will only be required for drilling equipment. Drilling contractor has not yet been retained. More detailed information can be provided at a later date; however, it is not anticipated that large amounts of fuel will be stockpiled.

**12. Containment fuel spill contingency plans (Please attach separate contingency plan if necessary.)**

Drilling contractor has not yet been retained. Contractor will be under supervision of the applicant and will be held to highest standards with respect to environmental protection. More detailed information can be provided at a later date. It is not anticipated that large amounts of fuel will be stockpiled.

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

Not yet known. It is anticipated that fuel will only be required for drilling equipment. Drilling contractor has not yet been retained. Contractor will be under supervision of the applicant and will be held to highest standards with respect to environmental protection. It is not anticipated that large amounts of fuel will be stockpiled. More detailed information can be provided at a later date.

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

October 1, 2005 to March 31, 2009

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

Start Date: October 1, 2005

Completion Date: March 31, 2009

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

**Minimum Latitude (Degrees Minutes):** N67° 32'

**Minimum Longitude (Degrees Minutes):** W131° 00'

**Maximum Latitude (Degrees Minutes):** N67° 46'

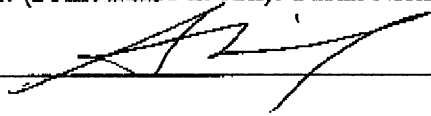
**Maximum Longitude (Degrees Minutes):** W131° 46'

**Map sheet no.:** NTS 106 O11, O12

See attached map.

17. Applicant (Print name in full): Susan Nichol

Signature



Date August 9, 2005

18. Fees

Type A - \$150 Type B - \$150

Land Use Fees:

(Type B)

\$ 150.00

Hectares @ \$50.00/hectare

(one hectare)

\$ 50.00

Assignment fee: \$50.00
















\$ 50.00





Total

\$ 250.00




# Permit Map Series Legend

## Point Layers






-  Activity Location
-  CHIN Heritage and Archeological Sites
-  DFO Fisheries Studies
-  DIAND Boreholes Exploration
-  DIAND Licenses
-  DOT Granular Resources Inventory
-  Env Canada Stream Gauging Stations
-  GSC Mineral Showings
-  GSC Wells
-  Gwich'in Cabins
-  NTDB Contour Lines
-  NWT Mineral Showings
-  NWT Wells
-  NWT/Yukon Placename
-  Public Registry









-  Rwed Cabins
-  RWED Land Permits
-  Surface disposition
-  Yukon Mineral Showings

## Line Layers

-  Dempster Highway
-  Dene Traditional Trails
-  NTDB Cutlines

## Region Layers

-  GLUPB Proposed Protected Areas
-  GLUPB Special Management Areas
-  Grand River Resource Blocks
-  Gwich'in Harvest Boundaries
-  Gwich'in Parcels

-  Gwich'in Territorial Park
-  Mineral lease
-  NTDB Sand/Gravel
-  NTDB Water Bodies
-  NTDB Wetlands
-  Prospect Lease 98
-  RWED Forest Inventory
-  Town Boundaries