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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI
OFFICE DES EAUX DU NUNAVUT

EXPLORATION/ REMOTE CAMP SUPPLEMENTARY QUESTIONNAIRE

Applicant: Barry Hanslit **Licence No:** _____ (For NWB Use Only)

ADMINISTRATIVE INFORMATION

1. Environment Manager: Barry Hanslit Tel: (403) 716-6647 Fax: (403) 729-0350 E-mail: hanslitb@telus.net

2. Project Manager: - as above - Tel: _____ Fax: _____ E-mail: _____

3. Does the applicant hold the necessary property rights? Yes

4. Is the applicant an 'operator' for another company (i.e., the holder of the property rights)? If so, please provide letter of authorization. No

5. Duration of the Project

   ☐ One year or less
   ☒ Multi Year: Start and completion dates: May 1, 2008 → Sept 30, 2012

   If Multi-Year indicate proposed schedule of on site activities - activities will be limited to the spring and summer months of each year.
   Start: May 1, 2008 Completion: Sept 30, 2008

CAMP CLASSIFICATION

6. Type of Camp

   ☐ Mobile (self-propelled)
   ☑ Temporary
   ☑ Seasonally Occupied: Spring and Summer as above
   ☐ Permanent
   ☐ Other: _____

7. What is the design, maximum and expected average population of the camp?
   Camp will sleep 3-4 persons in simple dome tents.

8. Provide history of the site if it has been used in the past.
   There is no history of use on this site that we are aware of.

CAMP LOCATION

9. Please describe proposed camp location in relation to biogeographical and geomorphological features, and water bodies.

Camp will be located on a sandy till plain up-hill from a large lake chain. Please see figure 1.

10. How was the location of the camp selected? Was the site previously used? Was assistance from the Regional Inuit Association Land Manager sought? Include maps and/or aerial photographs.

Camp was chosen based on proximity to exploration targets and water sources.

11. Is the camp or any aspect of the project located on: No

☐	Crown Lands	Permit Number (s)/Expiry Date: _____
☐	Commissioners Lands	Permit Number (s)/Expiry Date: _____
☐	Inuit Owned Lands	Permit Number (s)/Expiry Date: _____

12. Closest Communities (direction and distance in km):

Kugluktuk (Coppermine) NW - 130 Km
Bathhurst Inlet ESE - 217 Km
Port Radium SW - 245 km

13. Has the proponent notified and consulted the nearby communities and potentially interested parties about the proposed work?

No

14. Will the project have impacts on traditional water use areas used by the nearby communities? Will the project have impacts on local fish and wildlife habitats?

No

PURPOSE OF THE CAMP

15.
- ☑ Mining (includes exploration drilling)
- ☐ Tourism (hunting, fishing, wildlife observation, adventure/expedition, etc.) (Omit questions # 16 to 21)
- ☐ Other _____

16. Activities (check all applicable)

- ☑ Preliminary site visit
- ☑ Prospecting
- ☐ Geological mapping
- ☑ Geophysical survey
- ☑ Diamond drilling

- ☐ Reverse circulation drilling
- ☐ Evaluation Drilling/Bulk Sampling (also complete separate questionnaire)
- ☐ Other: _____

17. Type of deposit (exploration focus):

- ☐ Lead Zinc
- ☑ Diamond
- ☐ Gold
- ☐ Uranium
- ☐ Other: _____

DRILLING INFORMATION

18. Drilling Activities

- ☑ Land Based drilling
- ☐ Drilling on ice

19. Describe what will be done with drill cuttings?

Drill cuttings will be placed in a natural sump by preference.

20. Describe what will be done with drill water?

Typically water is lost in the rock face, however water will be pumped to a catchment basin

21. List the brand names and constituents of the drill additives to be used? Includes MSDS sheets and provide confirmation that the additives are non-toxic and biodegradable.

No additives will be used

22. Will any core testing be done on site? Describe.

No, core will be boxed and backhauled for later examination

SPILL CONTINGENCY PLANNING

23. The proponent is required to have a site specific Spill Contingency Plan prepared and submitted with the application This Plan should be prepared in accordance with the *NWT Environmental Protection Act, Spill Contingency Planning and Reporting Regulations, July 22, 1998* and *A Guide to the Spill Contingency Planning and Reporting Regulations, June 2002.* Please include for review.

Please see attached Spill Plan

24. How many spill kits will be on site and where will they be located? - over -

Two spill kits will be in camp - one where fuel is stored for heat
one where fuel is stored
Absorbent matting rolls at the drill & fuel storage

Two spill kits at the drill

25. Please describe the types, quantities, and method of storage of fuel and chemicals on site, and provide MSDS sheets.

Diesel fuel - 9 drums ( ) stored on land, upright & in an area that does not drain into a water source & a sufficent distance from the lake.

Propane - 1 - 100lb stored in camp upright & well secured to prevent tipping over

WATER SUPPLY AND TREATMENT

26. Describe the location of water sources.

Camp water will be taken from the large lake west of camp.

Drilling water will be taken from lakes proximal to drill targets.

27. Estimated water use (in cubic metres/day):

- ☑ Domestic Use: $< 1\ m^3$ Water Source: Lake west of camp
- ☐ Drilling: $5\ m^3$ Water Source: Lake proximal to targets (to be determined)
- ☐ Other: _____ Water Source: _____

28. Describe water intake for camp operations? Is the water intake equipped with a mesh screen to prevent entrapment of fish? (see *DFO 1995, Freshwater Intake End-of-Pipe Fish Screen Guideline*) Describe:

Water will be moved by hand for domestic use

Drill water intake will be equipped with a mesh screen to prevent fish entrapment (2.45 mm openings or less)

29. Will drinking water quality be monitored? What parameters will be analyzed and at what frequency?

No

30. Will drinking water be treated? How? No

31. Will water be stored on site? No

WASTE TREATMENT AND DISPOSAL

32. Describe the characteristics, quantities, treatment and disposal methods for:

- [x] Camp Sewage (blackwater)
  a simple outhouse with lime treatment
- [x] Camp Greywater
  Put into a covered sump
- [x] Solid Waste organics will be completely incinerated on-site
  Other wastes will be bagged & back-hauled to Yellowknife for disposal
- [ ] Bulky Items/Scrap Metal
- [x] Waste Oil/Hazardous Waste If appropriate waste oil will be burned completely on-site. Otherwise it will be pumped into empty drums, sealed and back-hauled to Yellowknife
- [x] Empty Barrels/Fuel Drums Back-hauled and returned to the seller for appropriate disposal
- [ ] Other:

33. Please describe incineration system if used on site. What types of wastes will be incinerated?
  A simple burn barrel will be used onsite equipped with mesh and ventilation to ensure wastes are burned completely. Organic wastes (mainly food waste) will be burnt.

34. Where and how will non-combustible waste be disposed of? If in a municipality in Nunavut, has authorization been granted?
  Non-combustible waste will be back-hauled to Yellowknife.

35. Describe location (relative to water bodies and camp facilities) dimensions and volume, and freeboard for all sumps (if applicable).
  Please see Figure 2. Sumps will be limited in size (Keep in mind only a 3-4 person camp).

36. Will leachate monitoring be done? What parameters will be sampled and analyzed, and at what frequency?
  No

OPERATION AND MAINTENANCE

37. Have the water supply and waste treatment and disposal methods been used and proven in cold climate? What known O&M problems may occur? What contingency plans are in place?

Yes, sumps are commonly in use for fly camps. Camp can easily be moved to a more appropriate location in the worst case scenario.

ABANDONMENT AND RESTORATION

38. Provide a detailed description of progressive and final abandonment and restoration activities at the site. The fly-camp itself should leave no sign of occupation at the end of each season. All sumps will be back-filled prior to leaving the area each year.

BASELINE DATA

39. Has or will any baseline information be collected as part of this project? Provide bibliography.

If exploration is successful, further baseline information will be considered.

- ☐ Physical Environment (Landscape and Terrain, Air, Water, etc.)
- ☐ Biological Environment (Vegetation, Wildlife, Birds, Fish and Other Aquatic Organisms, etc.)
- ☐ Socio-Economic Environment (Archaeology, Land and Resources Use,
- ☐ Demographics, Social and Culture Patterns, etc.)
- ☐ Other: _____

REGULATORY INFORMATION

40. At a minimum, you should ensure you have a copy of and consult the documents below for compliance with existing regulatory requirements:

- ✓ ARTICLE 13 – *NCLA -Nunavut Land Claims Agreement*
- ✓ NWNSRTA – *The Nunavut Waters and Nunavut Surface Rights Tribunal Act, 2002*
- ✓ *Northwest Territories Waters Regulations, 1993*
- ✓ NWB - Water Licensing in Nunavut - Interim Procedures and Information Guide for Applicants
- ✓ NWB - Interim Rules of Practice and Procedure for Public Hearings
- ✓ RWED – *Environmental Protection Act, R-068-93- Spill Contingency Planning and Reporting Regulations, 1993*
- ✓ RWED A Guide to the Spill Contingency Planning and Reporting Regulations, 2002
- ✓ NWTWB - Guidelines for Contingency Planning
- ✓ *Canadian Environmental Protection Act, 1999 (CEPA)*
- ✓ *Fisheries Act, RS 1985* - s.34, 35, 36 and 37
- ✓ DFO - Freshwater Intake End of Pipe Fish Screen Guideline
- ✓ NWTWB - Guidelines for the Discharge of Treated Municipal Wastewater in the NWT

- ✓ Canadian Council for Ministers of the Environment (CCME); Canadian Drinking Water Quality Guidelines, 1987
- ✓ Public Health Act - Camp Sanitation Regulations
- ✓ Public Health Act - Water Supply Regulations
- ✓ *Territorial Lands Act* and *Territorial Land Use Regulations*; Updated 2000