EXPLORATION/ REMOTE CAMP
SUPPLEMENTARY QUESTIONNAIRE

Applicant: _____ **Licence No:** _____

(For NWB Use Only)

ADMINISTRATIVE INFORMATION

1. Environment Manager: Nicole Westcott Tel: **(604) 331-2259** Fax: **(604) 689 5041**

2. Project Manager: Robin Hopkins Tel: **(604) 331-2259** Fax: **(604) 689 5041**

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
   - ☐ Annual
   - ✔ Multi Year:

   If Multi-Year, indicate proposed schedule of on site activities
   Start: **June 2005** Completion: **September 2007**

CAMP CLASSIFICATION

Nunavut Water Board
MAY 1 1 2005
Public Registry

6. Type of Camp
   - ☐ Mobile (self-propelled)
   - ✔ Temporary
   - ☐ Seasonally Occupied: _____
   - ☐ Permanent
   - ☐ Other: _____

7. What is the design population of the camp and the maximum population expected on site at one time? What will be the fluctuations in personnel?
   Up to 2 geological personnel, 1 pilot and 2 drill personnel if applicable, for a total of up to 5 people. Timing would amount to 2-3 days per site and maximum anticipated is less than 10% of program field time. The preliminary estimate would equal no more than 30 days per year.

8. Provide history of the site if it has been used in the past.

   Not applicable.

CAMP LOCATION

9. Please describe proposed camp location in relation to biogeographical and geomorphological features, and water bodies.
We will be working from town as much as possible and will only set up a small temporary camp in areas where the distance is too great to be based from town. The camp work would comprise no more than 10 % of the total work. Each set up will respect all guidelines and regulations with relation to wildlife and proximity to water bodies.

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.
Fly camp locations will be determined as and when needed. As previously stated, the camps will be used for less than 10% of the total work and will only be used for 3 to 5 day stretches. Any fly camps established will be located on Crown Land.

11. Is the camp or any aspect of the project located on:
Any fly camps that will be established will be on Crown Land.

☐Crown Lands	Permit Number (s)/Expiry Date: **N/A**
☐Commissioners Lands	Permit Number (s)/Expiry Date: **N/A**
☐Inuit Owned Lands	Permit Number (s)/Expiry Date: **N/A**

12. Closest Communities (distance in km):
Camp locations have not yet been determined.

13. Has the proponent notified and consulted the nearby communities and potentially interested parties about the proposed work?
Consultation with regard to this specific project has not yet taken place. Once the program is finalized, the appropriate communities will be notified.

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 (Exploration)
- ☐ Tourism (hunting, fishing, wildlife observation, adventure/expedition, etc.) (Omit questions # 16 to 21)
- ☐ Other _____ (Omit questions # 16 to 22)

16.
- ☐ 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:
- ☐ 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?
All land-based drill cuttings are pumped to a sump that will be located a minimum of 31 metres from the normal high water mark of any water body.

20. Describe what will be done with drill water?
All land-based drilling fluids will be treated in sumps to collect cuttings, allowing the water to drain into the surrounding landscape.

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.
Polymer 550x, 133, calcium (or sodium) chloride may be required for permafrost (MSDS Sheets Attached)

22. Will any core testing be done on site? Describe.
No.

SPILL CONTINGENCY PLANNING

23. Does the proponent have a spill contingency plan in place? Please include for review.
Please see attached Spill Contingency Plan

24. How many spill kits will be on site and where will they be located?
A spill kit will always be located at the drill and one on the helicopter for use during re-fueling.

25. Please describe the types, quantities, and method of storage of fuel and chemicals on site, and provide MSDS sheets.
Fuel requirements will include Jet-A Fuel (three, 205 litre steel drums), Diesel (one, 205 litre steel drum), Gasoline (one, 5 gallon plastic jerry can) and Propane (one, 100lb tank). MSDS are attached.
Please see attached "Spill Contingency Plan" for fuel storage and handling procedures.

WATER SUPPLY AND TREATMENT

26. Describe the location of water sources.
Numerous small ponds and lakes are readily available for land-based drilling

27. Estimated demand: (based on max 4 people)

- ✔ Domestic Use: **50 liters/day** * Water Source: **small lakes**
- ✔ Drilling Units: **15 cubic metres/drill/day**** Water Source: **small lakes & ponds**
- ☐ Other: _____ Water Source: _____

***note that water for domestic purposes will only be used during those occasions when a camp is established, which is unlikely to exceed 30 days per year**
****note that water for drilling purposes is listed per day, however drilling activities will only take place if drill targets are identified, not throughout the entire exploration program**

28. Describe water intake for camp operations? Is the water intake equipped with a mesh screen to prevent entrapment of fish? Describe:
Submersible pump with filtered intake.

29. Will drinking water quality be monitored? What parameters will be analyzed and at what frequency?
A water sample will be taken from the lakes where potable water is to be collected. Tests will be conducted with a field test kit and will be standard water examinations for various types of coliform bacteria.

30. Will drinking water be treated? How?
Water will be boiled.

31. Will water be stored on site?
Water will be collected as needed. The camp will be mobile and will be very small, accommodating up to 5 people.

WASTE TREATMENT AND DISPOSAL

32. Describe the characteristics, quantities, treatment and disposal methods for:
Please see attached environmental procedures plan

- ✔ Camp Sewage (blackwater) **minimal**
  - latrine sump
- ✔ Camp Greywater **minimal**
  - sump
- ✔ Solid Waste **minimal**
  - incineration or removed for appropriate disposal
- ✔ Bulky Items/Scrap Metal **if any it will be minimal**
  - removed for appropriate disposal
- ✔ Waste Oil/Hazardous Waste **minimal**
  - removed for appropriate disposal
- ✔ Empty Barrels/Fuel Drums **minimal**
  - removed for appropriate disposal
- ☐ Other:

33. Please describe incineration system if used on site. What types of wastes will be incinerated?
Modified 45 gallon drum. Food wastes and other combustibles will be incinerated.

34. Where and how will non-combustible waste be disposed of? If in a municipality in Nunavut, has authorization been granted?
All inert waste shipped off site will be disposed of at the appropriate location.

35. Describe location (relative to water bodies and camp facilities) dimensions and volume, and freeboard for sumps (if applicable).
All sumps will be located at least 31 metres from the normal high water mark of any water body including streams. As the camp will be mobile and small, the dimensions and volume of the sumps will also be small. The size will vary based on the amount of time spent in any one location.

36. Will leachate monitoring be done? What parameters will be sampled and analyzed, and at what frequency?
N/A

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?
Please see attached "Spill Contingency Plan"

ABANDONMENT AND RESTORATION

38. Provide a detailed description of progressive and final abandonment and restoration activities at the site.
Please see attached "Abandonment & Restoration Plan".

BASELINE DATA

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

- ✔ 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. Do you have a copy of

- ✔ Article 13 - Nunavut Land Claims Agreement
- ✔ NWB - Water Licensing in Nunavut - Interim Procedures and Information Guide for Applicants
- ✔ NWB - Interim Rules of Practice and Procedure for Public Hearings
- ✔ NWTWB - Guidelines for the Discharge of Treated Municipal Wastewater in the NWT
- ✔ NWTWB - Guidelines for Contingency Planning
- ✔ DFO - Freshwater Intake End of Pipe Fish Screen Guideline
- ✔ Fisheries Act - s.35
- ✔ RWED - Environment Protection- Spill Contingency Regulations
- ✔ Canadian Drinking Water Quality Guidelines
- ✔ Public Health Act Camp Sanitation Regulations
- ✔ Public Health Act Water Supply Regulations
- ✔ Territorial Land Use Act and Regulations

You should consult the above document, guidelines, and legislation for compliance with existing regulatory requirements.