

### EXPLORATION/ REMOTE CAMP SUPPLEMENTARY QUESTIONNAIRE

**Applicant:** \_\_\_\_\_ **Licence No:** \_\_\_\_\_

(For NWB Use Only)

#### ADMINISTRATIVE INFORMATION

1. Environment Manager: Angela Dearie Tel: (604) 331-2262 Fax: (604) 646-4526
2. Project Manager: Dave Kelsch Tel: (403)-830-4711 Fax: (604) 646-4526
3. Does the applicant hold the necessary property rights? No
4. Is the applicant an 'operator' for another company (i.e., the holder of the property rights)?  
If so, please provide letter of authorization. **See Appendix A**
5. Duration of the Project
  - ☐ Annual
  - ☒ Multi Year:

If Multi-Year indicate proposed schedule of on site activities  
Start: July 2005 Completion: Nov. 2009

INTERNAL	
TA1	
TA2	
RC	
ED	
CH	
BRD	
EXT.	

#### CAMP CLASSIFICATION

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?  
**See Operational Summary appendix B**
8. Provide history of the site if it has been used in the past.  
NA

Nunavut Water  
Board  
MAY 24 2005  
Public Registry

**CAMP LOCATION**

9. Please describe proposed camp location in relation to biogeographical and geomorphological features, and water bodies.  
**See Operational Summary appendix B.**
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.  
**See Environmental Procedures Plan appendix C**
11. Is the camp or any aspect of the project located on:  
☒ 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 (distance in km):  
**Gjoa Haven 180km, Kugaruk 190km, Repulse Bay 330km**
13. Has the proponent notified and consulted the nearby communities and potentially interested parties about the proposed work?  
**See Environmental Procedures Plan appendix C**
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?  
**See Environmental Procedures Plan appendix C**

**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: \_\_\_\_\_
- N/A

## 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 which is either a natural depression or a dyke that is temporarily deployed, both of which trap the drill cuttings and allow the water to drain away. The drill cuttings are then re-habilitated with peat moss. (see attached appendix B & C)**
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. (see attached appendix B & C)**
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.
- 550x Polymer, Big Bear Diamond Rod Grease, Linseed soap (see attached appendix D)**
22. Will any core testing be done on site? Describe.
- Core will be mechanically split , and sampled on site.**

## SPILL CONTINGENCY PLANNING

23. Does the proponent have a spill contingency plan in place? Please include for review.
- See Spill Contingency Plan included dated April 2005 (appendix F).**
24. How many spill kits will be on site and where will they be located?
- There will be one spill kit at each storage facility (camp, operating drill)**
25. Please describe the types, quantities, and method of storage of fuel and chemicals on site, and provide MSDS sheets.
- See Environmental Procedures plan included dated April 2005 (appendix C & D)**

**WATER SUPPLY AND TREATMENT**

26. Describe the location of water sources.  
**Numerous small ponds and lakes for land based drilling**
27. Estimated demand:
- ☒ Domestic Use: 135-180 liters/manday Water Source: large lake  
☒ Drilling Units: 30-40 liters per min. Water Source: small lakes & ponds  
☐ Other: \_\_\_\_\_ Water Source: \_\_\_\_\_
28. Describe water intake for drill 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?  
N/A  
**See attached appendix C**
- ~~30~~/A Will drinking water be treated? How?  
**See attached appendix C**
31. Will water be stored on site?  
**Yes, there will be one 45gallon tank located at the drill site.**

**WASTE TREATMENT AND DISPOSAL**

32. Describe the characteristics, quantities, treatment and disposal methods for:
- ☒ Camp Sewage (blackwater)  
**latrine sump**
- ☒ Camp Greywater  
**Sump**
- ☒ Solid Waste  
**Incineration/shipped off site**
- ☒ Bulky Items/Scrap Metal  
**shipped off site**
- ☒ Waste Oil/Hazardous Waste  
**shipped off site**
- ☒ Empty Barrels/Fuel Drums  
**shipped off site**
- ☒ Other: drilling fluids  
**See attached appendix B and C.**

33. Please describe incineration system if used on site. What types of wastes will be incinerated?  
**See attached Environmental Procedure Plan appendix C.**
34. Where and how will non-combustible waste be disposed of? If in a municipality in Nunavut, has authorization been granted?  
**See attached Environmental Procedure Plan appendix C.**
35. Describe location (relative to water bodies and camp facilities ) dimensions and volume, and freeboard for sumps (if applicable).  
N/A
36. Will leachate monitoring be done? What parameters will be sampled and analyzed, and at what frequency?  
**See attached Environmental Procedure Plan appendix C.**

**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?  
N/A

**ABANDONMENT AND RESTORATION**

38. Provide a detailed description of progressive and final abandonment and restoration activities at the site.  
**See Environmental Procedure Plans and Abandonment and Restoration plan (appendix C, E).**

**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.