EXPLORATION/ REMOTE CAMP
SUPPLEMENTARY QUESTIONNAIRE

Applicant: _____ **Licence No:** _____

(For NWB Use Only)

ADMINISTRATIVE INFORMATION

1. Environment Manager: Ross McElroy Tel: **(604) 687-6680** Fax: **(604) 687-1448**

2. Project Manager: Ross McElroy Tel: **(604) 687-6680** Fax: **(604) 687-1448**

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: **August 2005** Completion: **August 2007**

CAMP CLASSIFICATION

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

   ***Note – there will be a camp located approximately 100km SW of Kugluktuk.**

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?
   The Kirwan Lake camp will be located on the west side of Kirwan Lake, within the Mountain Lake claims area. The Kirwan Lake camp will consist of 19 people with a maximum of 24 during peak times.

8. Provide history of the site if it has been used in the past.
   The Mountain Lake property covers earlier mineral claims that were previously staked and operated by Aquitaine Company of Canada Ltd. and various partners from 1969 through to 1980, and claims staked and operated by Imperial Oil Ltd. from 1972 through to 1979. Between the various companies approximately 21, 800 metres of core was drilled from over 190 holes. Imperial Oil Ltd. operated a camp

from 1977-1979 in the same area as the proposed Kirwan Lake camp being applied for in this application. The drill core (approximately 12,000 metres) from the previous Imperial Oil claims is mainly located at the Kirwan Lake camp site. Drill core from the Aquitaine Company of Canada Ltd. claims is located at various locations with most of the core located SW of Teewal Lake.

In the August 2005, Triex Minerals began gathering and centralizing materials that were left by previous land users, see attached photos.

CAMP LOCATION

9. Please describe proposed camp location in relation to biogeographical and geomorphological features, and water bodies.
The camp will be located approximately 100 km SW of the community of Kugluktuk on the West side of Kirwan Lake.

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.
The location of the camp was selected based on the proximity to the claims, the deep water in Kirwan Lake and the closeness of the community of Kugluktuk for staging and supplying. Assistance was not sought for the camp location although it was discussed during a meeting with the KIA and HTO in early May.

11. Is the camp or any aspect of the project located on:

✔ Crown Lands	Permit Number (s)/Expiry Date: **N2005C0023, exp. July 19/07**
☐ Commissioners Lands	Permit Number (s)/Expiry Date:
☐ Inuit Owned Lands	Permit Number (s)/Expiry Date:

12. Closest Communities (distance in km):
The closest community to the camp is Kugluktuk. The camp will be located approximately 100 km SW of Kugluktuk.

13. Has the proponent notified and consulted the nearby communities and potentially interested parties about the proposed work?
A meeting was held in Kugluktuk in early May 2005 with the KIA and the HTO. Follow up information was provided as requested. In August two presentations were made one at a community information meeting, the second to the Mayor and Council. A meeting was also held in the community in November to provide information on the upcoming 2006 program including drilling.

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 will be pumped to a sump that will be located a <u>minimum</u> 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.
Please refer to the revised Spill Contingency Plan that has been submitted. MSDS sheets can be found in Appendix II of the Plan starting on Page 15.

22. Will any core testing be done on site? Describe.
Old core will be examined. There is some old drill core left on site by the companies previously exploring in the area (see response to question 8 for more detail). Triex geologists examined this core as part of the 2005 exploration program. See attached photographs of the core.

SPILL CONTINGENCY PLANNING

23. Does the proponent have a spill contingency plan in place? Please include for review.
Yes the proponent does have a Spill Contingency Plan in place. This plan has been attached for your review.

24. How many spill kits will be on site and where will they be located?
There will be 5 spill kits on site, 1 at camp, and one at each of the four proposed fuel cache locations. (See attached map showing fuel cache locations). In addition there will also be a minimum of one empty fuel drum located at each fuel cache for use in the event of a leaking or damaged fuel drum. Additional spill pads will be available at each fuel cache. As well, spill pads will be stored in closed pails and stored behind the tents at camp.

25. Please describe the types, quantities, and method of storage of fuel and chemicals on site, and provide MSDS sheets.
Please refer to the attached Spill Contingency Plan, Appendix II.

WATER SUPPLY AND TREATMENT

26. Describe the location of water sources.
The camp will be located on the West shore of Kirwan Lake. The water source for the camp will be Kirwan Lake.

27. Estimated demand: (based on max 22 people)
- ✔ Domestic Use: **5 cubic metres/day** Water Source: **Kirwan Lake**
- ✔ Drilling Units: **15 cubic metres/drill/day** Water Source: **small lakes & ponds**
- ☐ Other: _____ Water Source: _____

28. Describe water intake for camp operations? Is the water intake equipped with a mesh screen to prevent entrapment of fish? Describe:
The water intake for camp will be facilitated using a submersible pump with a filtered intake that complies with DFO guidelines for screens to prevent the entrainment of fish.

29. Will drinking water quality be monitored? What parameters will be analyzed and at what frequency?
A water sample will be taken from Kirwan Lake where potable water is to be collected. Tests will be conducted with a field test kit and analysed for various types of coliform bacteria. CCME guidelines for safe drinking water will be used for determining whether further treatment is required.

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

31. Will water be stored on site?
Water will be collected as needed and stored in a tank at the camp.

WASTE TREATMENT AND DISPOSAL

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

- ✔ Camp Sewage (blackwater) **0.02 cubic metres/day**
  - latrine sump
- ✔ Camp Greywater **3 cubic metres/day**
  - sump
- ✔ Solid Waste **minimal**
  - incineration or removed from site
- ✔ Bulky Items/Scrap Metal **if any it will be minimal**
  - removed from site
- ✔ Waste Oil/Hazardous Waste **minimal**
  - removed from site
- ✔ Empty Barrels/Fuel Drums
  - removed on a regular basis
- ☐ 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 will be shipped off site. No waste will be deposited in the Kugluktuk landfill without authorization and approvals. This will be a part of the on-going communications with the community of Kugluktuk.

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 a <u>minimum</u> of 31 metres from the normal high water mark of any water body including streams. More information will be provided once

the camp location has been finalized. A schematic has been provided (see Abandonment and Restoration Plan, Appendix I, page 10) to show the general location of the camp. The layout of the tents may change based on ground topography and the presence of water. Once the camp has been built, a schematic showing the exact location and layout of the tents will be provided to regulatory agencies.

36. Will leachate monitoring be done? What parameters will be sampled and analyzed, and at what frequency?
Visual inspections of all sumps will be conducted daily. In the event that any leaching is observed, the DIAND Water Resource Inspector will be contacted immediately.

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?
The treatment and disposal methods being proposed are currently in practice across the north and follow the regulated guidelines and accepted methods. The current contingency plan at this time is mitigation (safe distance for disposal in sumps, shipping off site any hazardous chemicals/scrap metal/non-combustible waste, etc.) and monitoring. Should there be any concerns the DIAND Water Resource Inspector will be notified immediately.

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". The Plan includes seasonal shutdowns as well as final closure. An index is provided in the 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

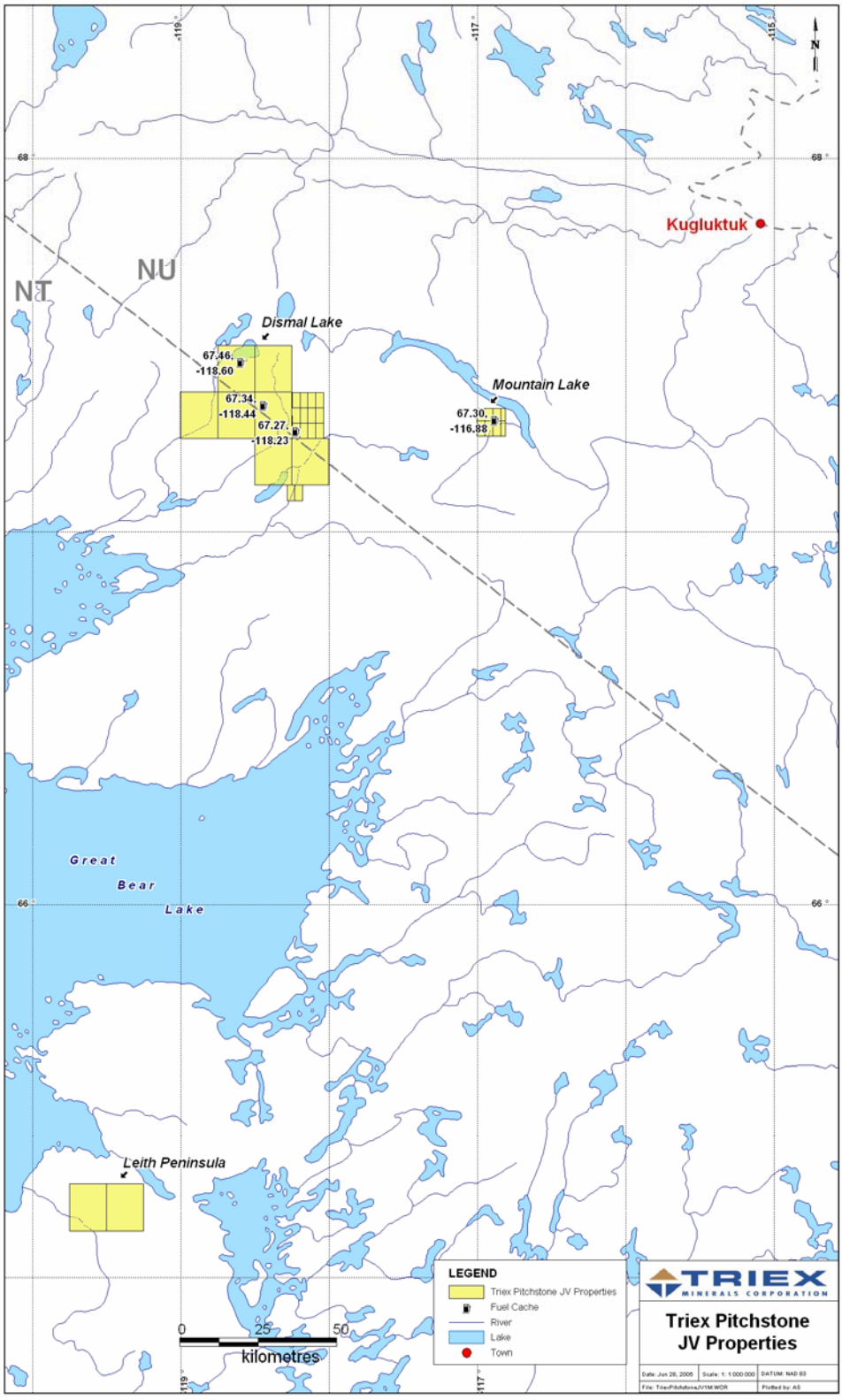
40. Do you have a copy of

- ✔ 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.

These photos are of core remaining on site from previous exploration activities by other Operators. These photos are referred to in Question 22 of this Supplementary Questionnaire.

Photos of some of the material that was collected and centralized for later clean up. These photos are referred to in Question 8 of this Supplementary Questionnaire.



Map showing the approximate location of where the fuel caches will be located. A spill kit will be located at each fuel cache as well as one at main camp. Contents of the spill kits can be found in the Spill Contingency Plan on Page 11. This map is referenced in Question 24 of this Supplementary Questionnaire.