



P.O. Box 119

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NUNAVUT WATER BOARD

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NUNAVUT IMALIRIYIN KATIMAYINGI

**EXPLORATION/ REMOTE CAMP  
SUPPLEMENTARY QUESTIONNAIRE**

INT	ANAL
PC	
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ED	
CEO	
GRD	
EST	

**Applicant: KENNECOTT CANADA EXPLORATION INC.**

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

(For NWB Use Only)

**ADMINISTRATIVE INFORMATION**

1. Land Manager: Diane Gregory Tel: 604-669-1880 Fax: 604-669-5255  
E-mail: diane.gregory@kennecott.com
2. Project Manager: Greg Rogers Tel: 604-669-1880 Fax: 604-669-5255  
E-mail: greg.rogers@kennecott.com
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)? **NO**  
If so, please provide letter of authorization.
5. Duration of the Project  
[ ] Annual  
[ X ] Multi Year:  
If Multi-Year indicate proposed schedule of on site activities  
Start: July 1, 2002 Completion: Dec.31, 2003

**CAMP CLASSIFICATION >**

6. Type of Camp  
[ ] Mobile (self-propelled)  
[ ] Temporary  
[ X ] Seasonally Occupied: \_\_\_\_\_  
[ ] Permanent  
[ ] Other: \_\_\_\_\_
7. What are the design population of the camp and the maximum population expected on site at one time? What will be the fluctuations in personnel?  
**10-12 persons for duration**
8. Provide history of the site if it has been used in the past.  
**Unknown; area probably never inhabited**

## CAMP LOCATION >

9. Please describe proposed camp location in relation to biogeographical and geomorphological features, and water bodies.  
**All 4 possible sites are in rocky areas; no significant vegetation; best site will be sheltered and near a water source of stream/river or 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.  
**Actual site will be selected on the ground in first week of July when crew mobilizes to area.**
11. Is the camp or any aspect of the project located on:  
[X] Crown Lands Permit Number (s)/Expiry Date: **N2001C0026 July07/03**  
[ ] Commissioners Lands Permit Number (s)/Expiry Date: \_\_\_\_\_  
[X] Inuit Owned Lands Permit Number (s)/Expiry Date: **Q01L1B01; June19/02**
12. Closest Communities (distance in km):  
  
**ARCTIC BAY; 80-100km east.**
13. Has the proponent notified and consulted the nearby communities and potentially interested parties about the proposed work?  
**YES**
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**  
☐ 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 >

*see previous amendment*

18. Drilling Activities
- ☒ Land Based drilling
  - ☐ Drilling on ice
19. Describe what will be done with drill cuttings?
20. Describe what will be done with drill water?
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.
22. Will any core testing be done on site? Describe.

## SPILL CONTINGENCY PLANNING

23. Does the proponent have a spill contingency plan in place? Please include for review.
- YES: Spill Plan on file with NWB2BRO0101***
24. How many spill kits will be on site and where will they be located?
- 2: 1 at camp/fuel cache; 1 at drill rig.***
25. Please describe the types, quantities, and method of storage of fuel and chemicals on site, and provide MSDS sheets.
- Diesel for drill rig and generator operation: 20 x 45 gallons drum***  
***Jet B: 100 x 45 gallon drums for helicopter***  
***All fuel and chemicals in sealed containers; all moved by helicopter with drill from site to site.***

## WATER SUPPLY AND TREATMENT

26. Describe the location of water sources.
- Small lakes and creeks; snow melt run-off***
27. Estimated demand (in L/day \* person):
- ☒ Domestic Use: +/- 2,000L/day Water Source: lake and/or stream
  - ☐ Drilling Units: \_\_\_\_\_ Water Source: \_\_\_\_\_
  - ☐ 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:  
***Hose and pump; hose has mesh screen***
29. Will drinking water quality be monitored? What parameters will be analyzed and at what frequency?  
***YES: parameters = heavy metals, turbidity, potability & suspended solids.***  
***Frequency = ONCE at installation of camp***
30. Will drinking water be treated? How?  
***NO***
31. Will water be stored on site?  
***YES, in 500L tank***

## **WASTE TREATMENT AND DISPOSAL**

32. Describe the characteristics, quantities, treatment and disposal methods for:
- |                             |                                                              |
|-----------------------------|--------------------------------------------------------------|
| ④ Camp Sewage (blackwater)  | <b><i>sump disposal</i></b>                                  |
| ④ Camp Greywater            | <b><i>sump disposal</i></b>                                  |
| ④ Solid Waste               | <b><i>combustibles burned; non-combustibles removed.</i></b> |
| ④ Bulky Items/Scrap Metal   | <b><i>removed</i></b>                                        |
| ④ Waste Oil/Hazardous Waste | <b><i>removed</i></b>                                        |
| ④ Empty Barrels/Fuel Drums  | <b><i>removed</i></b>                                        |
| ④ Other:                    |                                                              |
33. Please describe incineration system if used on site. What types of wastes will be incinerated?  
***Empty 45 gallon drum for burning combustibles. Combustibles will be burnable kitchen refuse and office papers etc.***
34. Where and how will non-combustible waste be disposed of? If in a municipality in Nunavut, has authorization been granted?  
***Polaris Mine, Arctic Bay***
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?  
***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**

## ABANDONMENT AND RESTORATION

38. Provide a detailed description of progressive and final abandonment and restoration activities at the site.

*Camp site will have all materials either burned or removed as an on-going process. When project completed, final restoration will consist of removal of camp structures and materials by either burning or transport out of area.*

## BASELINE DATA

39. Has or will any baseline information be collected as part of this project? Provide bibliography.  
*General Wildlife sitings will be compiled. Any archeological sites will be photographed and located.*
- ☐ 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.