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Tel: (867) 360-6338 NUNAVUT WATER BOARD
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EXPLORATION/ REMOTE CAMP SUPPLEMENTARY QUESTIONNAIRE

Applicant: Kennecott Canada Exploration Inc. Licence No: _____
(For NWB Use Only)

ADMINISTRATIVE INFORMATION

. Land Manager: Susan Ball Tel: (604) 696-3417 Fax: (604) 696-3401 E-mail: *susan.ball@riotinto.com*

2. Project Manager: Patrick Smillie Tel: (604) 696-3422 Fax: (604) 696-3401 E-mail: *patrick.smillie@riotinto.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)? If so, please provide letter of authorization.
No

5. Duration of the Project
[ ] Annual
[x] Multi Year:
If Multi-Year indicate proposed schedule of on site activities
Start: **July 15, 2005** Completion: **December 31, 2007**

CAMP CLASSIFICATION

6. Type of Camp
[ ] Mobile (self-propelled)
[ ] Temporary
[x] Seasonally Occupied: Mining Exploration
[ ] 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?
Camp population expected to vary from 2 – 20 people.

8. Provide history of the site if it has been used in the past.
Site has no known prior occupancy.

CAMP LOCATION

9. Please describe proposed camp location in relation to biogeographical and geomorphological features, and water bodies.
The camp will be located on the western edge of Pitz Lake at 96°47'W by 63°59'30". See attached

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 site was selected for its proximity to our current work area and the presence of a suitable landing strip; it has not been used previously. Rob Rainbird of the Geological Survey of Canada – who has had campsin the area – was consulted for possible locations.

11. Is the camp or any aspect of the project located on:
[x] Crown Lands Permit Number (s)/Expiry Date: Application submitted
[ ] Commissioners Lands Permit Number (s)/Expiry Date: _____
[ ] Inuit Owned Lands Permit Number (s)/Expiry Date: _____

12. Closest Communities (distance in km):
Baker Lake (50 km)

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

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 significant impact.

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

18. Drilling Activities

- ● Land Based drilling
- ● Drilling on ice

19. Describe what will be done with drill cuttings?
Drill cuttings will be filtered through a sump.

20. Describe what will be done with drill water?
Drill water will be re-circulated.

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.
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.
Yes, included with application.

24. How many spill kits will be on site and where will they be located?
Two kits will be located in camp, and one at each drill site during drilling operations.

25. Please describe the types, quantities, and method of storage of fuel and chemicals on site, and provide MSDS sheets.
Diesel fuel for drill rig operation
Gasoline for ATV/Snow machine, generator operation
Jet A and/or Jet B for helicopter operation
All fuel and chemicals will be stored and transported in sealed containers.

WATER SUPPLY AND TREATMENT

26. Describe the location of water sources.
Pitz Lake

27. Estimated demand (in L/day * person):

- Domestic Use: ± 1000 l/day Water Source: ***Pitz Lake***
- Drilling Units: ± 2000 l/day Water Source: ***lakes & creeks***
- ○ 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:
Lift pump with mesh screen at intake from nearby lake.

29. Will drinking water quality be monitored? What parameters will be analyzed and at what frequency?
Drinking water will be tested yearly for potability

30. Will drinking water be treated? How?
Water from source will pass through a 5 micron filter, a 0.5 micron filter and then be sterilized by ultraviolet light.

31. Will water be stored on site?
Yes, in 2,000 litre tank inside shower shelter.

WASTE TREATMENT AND DISPOSAL

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

- Camp Sewage (blackwater) ***Pacto toilet bags will be incinerated***
- Camp Greywater ***sump disposal***
- Solid Waste ***combustibles burned, non-combustibles removed***
- Bulky Items/Scrap Metal ***removed***
- Waste Oil/Hazardous Waste ***removed***
- Empty Barrels/Fuel Drums ***removed***
- ○ Other:

33. Please describe incineration system if used on site. What types of wastes will be incinerated?
Daily garbage will be incinerated in on-site incinerator

34. Where and how will non-combustible waste be disposed of? If in a municipality in Nunavut, has authorization been granted?
Baker Lake

35. Describe location (relative to water bodies and camp facilities) dimensions and volume, and freeboard for sumps (if applicable).
1-2 primary sumps, 1x1x1 metre covered with plywood box to accommodate waste water from kitchen and shower/dry

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, water lines will be heat-traced, storage is in heated shelter, Practice is to use sump disposal

ABANDONMENT AND RESTORATION

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

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.