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TEL: (867) 360-6338

NUNAVUT WATER BOARD

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EXPLORATION/ REMOTE CAMP SUPPLEMENTARY QUESTIONNAIRE

Applicant: Kennecott Licence No: NWB 2880
(For NWB Use Only)

ADMINISTRATIVE INFORMATION

1. Environment Manager: N/A Tel: _____ Fax: _____ E-mail: _____
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 DRAND Prospecting Permits
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
☐ Multi Year:
If Multi-Year indicate proposed schedule of on site activities
Start: _____ Completion: _____

CAMP CLASSIFICATION

6. Type of Camp
☐ Mobile (self-propelled)
☐ Temporary
☒ Seasonally Occupied: JUNE to AUGUST
☐ 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?
4 to 10 persons
8. Provide history of the site if it has been used in the past. N/A

CAMP LOCATION

9. Please describe proposed camp location in relation to biogeographical and geomorphological features, and water bodies.

No selected location yet ; no-one has been to area yet. Probably within PP 2390 (see attached map).

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.

When we survey area, we can select an appropriate site & will fax the information immediately.

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

<input checked="" type="checkbox"/> Crown Lands	Permit Number (s)/Expiry Date: <u>LUP application in progress</u>
<input type="checkbox"/> Commissioners Lands	Permit Number (s)/Expiry Date: <u>N/A</u>
<input type="checkbox"/> Inuit Owned Lands	Permit Number (s)/Expiry Date: <u>N/A</u>

12. Closest Communities (distance in km):

Nanisivik, Arctic Bay

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? **NO**
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

N/A

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 - see attached.

24. How many spill kits will be on site and where will they be located?

1 for camp fuel cache; in proximity of fuel cache.

25. Please describe the types, quantities, and method of storage of fuel and chemicals on site, and provide MSDS sheets.

Diesel : 20 x 45 gallon drums for generator.

Jet A : 100 x 45 gallon drums for helicopter.

See "Spill Plan" for storage methods.

WATER SUPPLY AND TREATMENT

26. Describe the location of water sources.

Probably a small lake or creek (unknown until camp location selected)

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

☒ Domestic Use: ^{for camp} 100-500 L/day Water Source: ?
☐ 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 & 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 inception of camp.

30. Will drinking water be treated? How?

NO

31. Will water be stored on site?

200 gallon holding tank

WASTE TREATMENT AND DISPOSAL

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

☒ Camp Sewage (blackwater)

Sump disposal

☒ Camp Greywater

Sump disposal

☒ Solid Waste Combustible burned;
Non combustible removed

☐ Bulky Items/Scrap Metal

☐ Waste Oil/Hazardous Waste

☒ Empty Barrels/Fuel Drums
Removed

☐ Other:

33. Please describe incineration system if used on site. What types of wastes will be incinerated?

Empty drum (45 gallon) for burning ~~near~~ all combustibles.

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

Non combustibles removed to Nanisivik
Permission will be requested.

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. All waste will be burned or removed, on-going.

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.