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NUNAVUT WATER BOARD

NUNAVUT IMALIRIYIN KATIMAYINGI

EXPLORATION/ REMOTE CAMP SUPPLEMENTARY QUESTIONNAIRE

Applicant: Cornoation Minerals **Licence No:** _____

(For NWB Use Only)

ADMINISTRATIVE INFORMATION

1. Environment Manager: Rory Calhoun Tel: 520 240 5300 Fax: 530 733-9720 E-mail: jadefalcon@golden.net
2. Project Manager: Rory Calhoun Tel: _____ Fax: _____ E-mail: _____
3. Does the applicant hold the necessary property rights? Owns the claims
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
[XX] Multi Year:
If Multi-Year indicate proposed schedule of on site activities
Start: 15 May 2008 Completion: April 2010

CAMP CLASSIFICATION

6. Type of Camp
[] Mobile (self-propelled)
[] Temporary
[] 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?
8. Provide history of the site if it has been used in the past.

CAMP LOCATION

9. Please describe proposed camp location in relation to biogeographical and geomorphological features, and water bodies.
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.
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):
13. Has the proponent notified and consulted the nearby communities and potentially interested parties about the proposed work?
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?

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: Copper

DRILLING INFORMATION

18. Drilling Activities

- ☒ Land Based drilling
- ☐ Drilling on ice

19. Describe what will be done with drill cuttings?

Drill cuttings and water to be directed to a depression in the ground near the drill site. All drill cuttings will be kept away from water bodies.

20. Describe what will be done with drill water?

Drill cuttings and water to be directed to a depression in the ground near the drill site. All drill cuttings will be kept away from water bodies.

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.

CaCl₂

22. Will any core testing be done on site? Describe.

Core to be stored at the Matrix camp at the nearby airstrip.

SPILL CONTINGENCY PLANNING

23. Does the proponent have a spill contingency plan in place? Please include for review.

Attached.

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

45 gallon spill kits will be kept at each of the drill sites.

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

WATER SUPPLY AND TREATMENT

26. Describe the location of water sources.

Drill water will be obtained from permanent lakes near the drill sites. All drilling to be done during open water season.

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

- ☐ Domestic Use: _____ Water Source: _____
- ☒ Drilling Units: 8 cubic meters/day Water Source: Near by lakes
- ☐ 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:

Pumps for water intake for drills will be equipped with fish screens as outlined in **Freshwater Intake End-of-Pipe Fish Screen Guideline, DFO 1995**

29. Will drinking water quality be monitored? What parameters will be analyzed and at what frequency?

30. Will drinking water be treated? How?

31. Will water be stored on site?

WASTE TREATMENT AND DISPOSAL

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

☐ Camp Sewage (blackwater)

☐ Camp Greywater

☐ Solid Waste

☐ Bulky Items/Scrap Metal

☐ Waste Oil/Hazardous Waste

☐ Empty Barrels/Fuel Drums

☐ Other:

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

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

35. Describe location (relative to water bodies and camp facilities) dimensions and volume, and freeboard for sumps (if applicable).

36. Will leachate monitoring be done? What parameters will be sampled and analyzed, and at what frequency?

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?

ABANDONMENT AND RESTORATION

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

Abandonment and Restoration Plan 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.