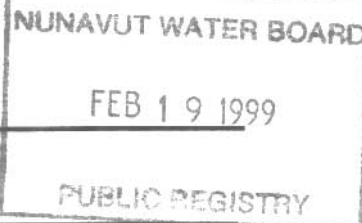




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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI

EXPLORATION/ REMOTE CAMP SUPPLEMENTARY QUESTIONNAIRE



Applicant: Cominco Ltd., Exploration Licence No: _____

(For NWB Use Only)

ADMINISTRATIVE INFORMATION

1. Environment Manager: _____ Tel: _____ Fax: _____
2. Project Manager: Mike Gunning Tel: 604-844-2565 Fax: 604-685-3069
3. Does the applicant hold the necessary property rights?
Yes. Northwest Territories Prospecting Permits 2208, 2161
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 3 wks; June 14 - July 5, 1999
☐ 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: _____
☒ Permanent → work will be based out of Nanisivik
☐ Other: _____
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?
6 man crew plus 2 helicopter personnel. Two-Four men at drill site at one time. No crew fluctuation during project.
8. Provide history of the site if it has been used in the past.
No site-specific work history.

CAMP LOCATION

N/A

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 → Exploration
☐ Tourism (hunting, fishing, wildlife observation, adventure/expedition, etc.)
(Omit questions # 16 to 22)
☐ 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?

recycled in sump

20. Describe what will be done with drill water?

recycled in sump

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.

Polydrill
Calcium chloride

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. See Attached.

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

One.

Drill shack.

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

Diesel in 45 gal drums (40) Motor Oil in 1L containers

Propane in 100 lb cylinders (2) ~~refrigerator~~

WATER SUPPLY AND TREATMENT

26. Describe the location of water sources.

2 creeks in area

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

☐ Domestic Use: _____ Water Source: _____
☒ Drilling Units: 1000 L/day Water Source: creek
☐ 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:

N/A

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

N/A

30. Will drinking water be treated? How?

N/A

31. Will water be stored on site?

sump for recirculated drill water

WASTE TREATMENT AND DISPOSAL

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

- ☐ Camp Sewage (blackwater)

N/A

- ☐ Camp Greywater

N/A

- ☐ Solid Waste

N/A

- ☐ Bulky Items/Scrap Metal

returned to Nanisivik

- ☐ Waste Oil/Hazardous Waste

returned to Nanisivik

- ☐ Empty Barrels/Fuel Drums

returned to Nanisivik

- ☐ Other: _____

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

burn barrel for combustibles

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

returned to Nanisivik

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

sump at drill site, adjacent to drill unit; 3m x 3m, >>100m from source, 5000 l capacity

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?

N/A

ABANDONMENT AND RESTORATION

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

Ground disturbance for drill site preparation will be minimal.
All drill sites will be completely cleaned-up. All scrap and non-combustible garbage returned to Nanisivik.

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:

No.

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.