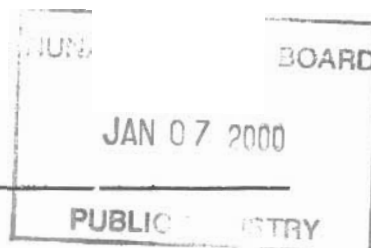




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NUNAVUT WATER BOARD  
NUNAVUT IMALIRIYIN KATIMAYINGI

### EXPLORATION/ REMOTE CAMP SUPPLEMENTARY QUESTIONNAIRE



Applicant: Phelps Dodge Corporation  
of Canada, Limited  
ADMINISTRATIVE INFORMATION

Licence No: \_\_\_\_\_  
(For NWB Use Only)

1. Environment Manager: \_\_\_\_\_ Tel: \_\_\_\_\_ Fax: \_\_\_\_\_
2. Project Manager: Marius Maré Tel: 204-772-0773 Fax: 204-774-3304
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  
☐ Multi Year:  
 If Multi-Year indicate proposed schedule of on site activities  
 Start: \_\_\_\_\_ Completion: \_\_\_\_\_

### CAMP CLASSIFICATION

6. Type of Camp No Camp - see summary of operations  
☐ Mobile (self-propelled)  
☐ Temporary  
☐ Seasonally Occupied: \_\_\_\_\_  
☐ Permanent  
☐ 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? 9
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.

We will be boarding our crew at Navigator  
Exploration's camp at Nowyak 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.

Navigator Exploration's camp is under Land Use Permit  
N1999 C005

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):

Arviat 250 kms  
Rankin Inlet 350 kms

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

No

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

18. Drilling Activities

- ☒ Land Based drilling
- ☐ Drilling on ice

19. Describe what will be done with drill cuttings?

Drill cuttings will be left as is.

20. Describe what will be done with drill water?

Drill water will be allowed to discharge onto the land at the Drill sites.

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.

DDR Grease Enviro-Special; Calcium chloride Flake; Poly Drill Clay Treat II; Poly Drill 133X/1330; Poly Drill O.B.X.

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.

Makasorb matting will be used at all drill sites, fuel storage areas; and fuel transfer points.

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

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 drawn for 2 small lakes 400-500 meters from the nearest drill hole - see attached map.*

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

- ☐ Domestic Use: \_\_\_\_\_ Water Source: \_\_\_\_\_  
☐ Drilling Units: *44,000 L/day* Water Source: *see map.*  
☐ 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:

*Not applicable*

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

*No*

30. Will drinking water be treated? How?

*No*

31. Will water be stored on site?

*No*

**WASTE TREATMENT AND DISPOSAL**

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

☐ Camp Sewage (blackwater)

☐ Camp Greywater

☐ Solid Waste

*Bagged or put in containers and flown out.*

☐ Bulky Items/Scrap Metal

*Flown out to Arviat or Points North*

☐ Waste Oil/Hazardous Waste

*Waste materials will be bagged or put in appropriate containers and flown out for disposal.*

☐ Empty Barrels/Fuel Drums

*Flown out or removed by TerreFlex to Arviat or Points North*

☐ Other: \_\_\_\_\_

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

*No applicable*

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

*Not applicable*

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

*Not applicable*

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

*Not applicable*

## 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?

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## ABANDONMENT AND RESTORATION

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

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## BASELINE DATA

39. Has or will any baseline information be collected as part of this project? Provide bibliography. *No baseline information has been collected.*
- ☐ 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:

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## 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.