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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KAT

INTERNAL

Nunavut Water Board

140 70 000

Public Registry

EXPLORATION/ REMOTE CAMP SUPPLEMENTARY QUESTIONNAIRE

Applicant: COMINCO LTD

Licence No:

(For N'WB Use Only)

ADMINISTRATIVE INFORMATION

1. Environment Manager: _____ Tel: _____ Fax: _____
2. Project Manager: VICTORIA YEHL Tel: 604-844-2672 Fax: 604-685-3069
3. Does the applicant hold the necessary property rights?
PENDING / IN SUBMISSION
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 3-4 WEEK PROJECT JULY 2001
- ☐ Multi Year: + MOB / DE-MOB
- If Multi-Year indicate proposed schedule of on site activities
- Start: _____ Completion: _____

CAMP CLASSIFICATION

6. Type of Camp
- ☐ Mobile (self-propelled)
 - ☒ Temporary ATCO TRAILERS ON TIRES
 - ☐ 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?
- 8 people, max 10 people, fluctuation +/- 2 people
8. Provide history of the site if it has been used in the past.

COMINCO LTD. HAS DONE PREVIOUS EXPLORATION

October 1998

WORK IN THE AREA 1995-1996

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WILL BE OCCUPYING A PREVIOUSLY USED CAMPSITE

CAMP LOCATION

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

On the west bank of Stuart River
apx 3 km south of Cornwallis Island shore

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.

Site selected for ability to land twin-engine aircraft.
Previously used campsite by Caminca Ltd.
Resolute Bay locals assisted location in years past.
There is currently nothing at site except airstrip

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

<input checked="" type="checkbox"/> Crown Lands	Permit Number (s)/Expiry Date: <u>pending</u>
<input type="checkbox"/> Commissioners Lands	Permit Number (s)/Expiry Date: _____
<input checked="" type="checkbox"/> Inuit Owned Lands	Permit Number (s)/Expiry Date: <u>pending and</u> <u>signal NTI subsurface</u>

12. Closest Communities (distance in km):

Resolute Bay is 100 km south of area of
work

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

Yes, via the Administrative Officer of the
Hamlet Council, January 8, 2001

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?

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.

Poly drill
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.

SEE ATTACHED

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

TWO

ONE IN CAMP, ONE AT DRILL

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

Diesel 205 l drums; Motor Oil 1 l containers;
Gasoline 205 l drums; Propane in 100 & 20 lb cylinders
to be stored in cache at campsite

WATER SUPPLY AND TREATMENT

26. Describe the location of water sources.

Creeks, rivers in area

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

☒ Domestic Use: 1200 l/day Water Source: creeks / rivers
☒ Drilling Units: 13,000 l/day Water Source: creeks / rivers
☐ 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:

SMALL GASOLINE WATER PUMP USED AS
NEEDED TO FILL A SMALL WATER RESERVOIR

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

YES, AT BEGINNING OF OPERATION,
PORTABLE TEST KIT MEETING CANADA
DRINKING WATER STANDARDS

30. Will drinking water be treated? How?

NOT TREATED

31. Will water be stored on site?

SMALL PORTABLE WATER RESERVOIR
FOR CAMP 5,000 l (tub)
AND SUMP FOR RECIRCULATED DRILL WATER

WASTE TREATMENT AND DISPOSAL

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

☐ Camp Sewage (blackwater)

NONE

☒ Camp Greywater

recycled in sump

☒ Solid Waste

burnt, removed to Resolute Bay

☒ Bulky Items/Scrap Metal

returned to Polaris Mine

☒ Waste Oil/Hazardous Waste

returned to Polaris Mine or Resolute Bay

☒ Empty Barrels/Fuel Drums

returned to Polaris Mine or Resolute Bay

☐ Other: _____

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

burn barrels 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 Polaris Mine

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; 3m x 3m >> 100 m 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 sites will be minimal. All drill sites will be completely cleaned up. All scrap and non-combustibles returned to Polariz Mine or Resolute Bay

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.