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P.O. Box 119 kNK5 wmσEp5 vtmpq GJOA HAVEN, NU X0B 1J0 NUNAVUT WATER BOARD TEL: (867) 360-6338 NUNAVUT IMALIRIYIN KATIMAYINGI FAX: (867) 360-6369 OFFICE DES EAUX DU NUNAVUT

EXPLORATION/ REMOTE CAMP
SUPPLEMENTARY QUESTIONNAIRE

Applicant: _____Licence No: _____

(For NWB Use Only)

ADMINISTRATIVE INFORMATION

1. Environment Manager: **Gord McKinnon, Canadian Orebodies Inc.**
Tel: 416.644.1747,
Cell: 416 919 6187,
Fax: 416 364 2753,
Email: gordmckinnon@gmail.com

2. Project Manager: Same Tel: Fax: _____E-mail: _____

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
- One year or less Start and completion dates: _____
- **XXX**Multi Year:
  If Multi-Year indicate proposed schedule of on site activities Start: May 2011 Completion: April 2013

CAMP CLASSIFICATION

6. Type of Camp
- Mobile (self-propelled)
- **XXX** Temporary
- Seasonally Occupied: _____

- Permanent
- Other:_____

1 What is the design, maximum and expected average population of the camp?

Maximum - 30 persons, Average – 20persons

2 Provide history of the site if it has been used in the past.

The site of the camp was occupied in the 1950's during earlier exploration programs.

CAMP LOCATION

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

The camp is located on Kasegalik Lake at the head of Haig Inlet on the Belcher Islands. The location is shown on Figure 1 attached.

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.

The site was selected because it was previously used and with input from QIA

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

- Crown Lands Permit Number (s)/Expiry Date: NA
- Commissioners Lands Permit Number (s)/Expiry Date: N/A
- Inuit Owned Lands Permit Number (s)/Expiry Date: Q10L2C020 Expiry March 1, 2012

12. Closest Communities (direction and distance in km):

Sanikiluaq – approximately 22 km away

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? Will the project have impacts on local fish and wildlife habitats?

NO

PURPOSE OF THE CAMP

15. **XXX** Mining (includes exploration drilling)

- Tourism (hunting, fishing, wildlife observation, adventure/expedition, etc.) (Omit questions # 16 to 21)
- Other _____

16. Activities (check all applicable)

- Preliminary site visit
- **XX** Prospecting
- **XX** Geological mapping
- XX Geophysical survey
- **XX** Diamond drilling
- Reverse circulation drilling
- Evaluation Drilling/Bulk Sampling (also complete separate questionnaire)
- Other: _____

17. Type of deposit (exploration focus):

- Lead Zinc
- Diamond
- Gold
- Uranium
- Other: Iron

DRILLING INFORMATION

18. Drilling Activities

- **XXX** Land Based drilling
- Drilling on ice

19. Describe what will be done with drill cuttings?

Drill cuttings and water will be directed to a natural depression with no flow to the surrounding environment. The cuttings will settle and water will evaporate. These areas will then be restored during the open water season.

20. Describe what will be done with drill water?

Drill cuttings and water will be directed to a natural depression with no flow to the surrounding environment. The cuttings will settle and water will evaporate. These areas will then be restored during the open water season.

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.

Additives will be Calcium chloride (MSDS included in Contingency Plan attached)

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

Core testing will be done at the camp. Core will be split for analysis and sampling.

SPILL CONTINGENCY PLANNING

23. The proponent is required to have a site specific Spill Contingency Plan prepared and submitted with the application This Plan should be prepared in accordance with the *NWT Environmental Protection Act, Spill Contingency Planning and Reporting Regulations, July 22, 1998* and *A Guide to the Spill Contingency Planning and Reporting Regulations, June 2002*. Please include for review.

Contingency Plan Attached

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

Three 45 gallon spill kits will be on site, one at each drill site and one at the fuel storage area at the airstrip and camp.

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

Fuel will be brought to Sanikiluaq in 205 l drums. The drums will be moved from the town and stored in a central storage area at the camp site which has been equipped with an impermeable membrane. It is anticipated that no more that 48 barrels (10,000 liters) will be stored at the camp at any one time. The breakdown of the fuel types for the project is below.

Fuel	Number of Containers and Capacity of Containers	Total Amount of Fuel (in Litres)	Total fuel per year (l)
Diesel	400	205 litre barrels	82,000
Gasoline	10	205 litre barrels	2,000
Aviation fuel	400	205 litre barrels	82,000
Propane	20 tanks	100 lb tanks	
Other			

The diesel for the drill rigs will be moved from the storage area to the drill sites as required. Each drill will have a minimum of two (2) days fuel on site (approximately 4 barrels). The barrels will be stored on an impermeable membrane at least 30 meters from any water body in the area.

Helicopters will only be refueled at the camp using electric pumps and pumping from 205 l barrels.

Calcium chloride will be brought to the project site on an as needed basis. When on site it will be stored in a weather tight and secured shelter until it is used. The primary storage area will be at the camp near the fuel storage area. The drill salt will be moved to the drill sites from the camp as needed. The maximum amount of drill salt stored will be 1000 kg. The drill salt is transported in 20 kg bags.

WATER SUPPLY AND TREATMENT

26. Describe the location of water sources.

Kasegalik Lake – Camp water
Unnamed creeks and lakes near diamond drill locations See Map attached

27. Estimated water use (in cubic metres/day):

- Domestic Use: 1.5 m cube /day Water Source: Kasegalik Lake
- Drilling: 8 m cube/day Water Source: Unnamed creeks and lakes near drill sites
- Other: Water Source: _____

28. Describe water intake for camp operations? Is the water intake equipped with a mesh screen to prevent entrapment of fish? (see *DFO 1995, Freshwater Intake End-of-Pipe Fish Screen Guideline*) Describe:

Camp water will be obtained from Kasegalik Lake. The water intake will comply with **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?

No

30. Will drinking water be treated? How?

Treatment of the domestic water will be by Trojan UV Max system.

31. Will water be stored on site?

The estimated water usage for the camp is 1.5 cubic meters per day. The water will be pumped from Kasegalik Lake to a holding tank (1500 liters) at the kitchen and dry tents.

WASTE TREATMENT AND DISPOSAL

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

Type of waste	Projected amount generated	Method of Disposal
Sewage (human waste)	<0.5 cubic meters /day	Latrine pits
Greywater	<1 cubic meters /day	Discharged to sump
Combustible wastes	<10 kg/day	Incinerated on site
Non-Combustible wastes	<5 kg/day	Removed to approved land fill
Overburden (organic soil, waste material, tailings)	N/A	
Hazardous waste	<5 kg/day	Removed to approved land fill
Other: Drill recirculating water	<8 cubic meters/day	Depressions near drill sites

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

Garbage and waste materials from the camp will be collected daily. Garbage and waste materials (oil, containers, etc.) generated at the drill sites will be collected daily and returned to the camp. The garbage and waste materials will be sorted into combustible and non-combustible material.

Combustible material will be disposed at in the camp A400(A) Inciner8 (or equilavent incinerator) two stage incinerator. Non-combustible material and oils will be flown to an approved disposal site on a weekly basis. Any residue from the incinerator will be returned be flown to an approved landfill for disposal.

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

Non-combustible waste will be taken to an approved landfill most likely in Nunavut.

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

The greywater sump will be designed to accommodate approximately 10 cubic meters with a freeboard of 0.25 meters. It will be located a minimum of 50 meters from the camp.

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?

The proposed systems have been used in Nunavut and NWT before, they function well in cold weather and have no operational problems.

ABANDONMENT AND RESTORATION

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

A full A&R Plan is attached

BASELINE DATA

39. Has or will any baseline information be collected as part of this project? Provide bibliography.

No

REGULATORY INFORMATION

40. At a minimum, you should ensure you have a copy of and consult the documents below for compliance with existing regulatory requirements:

- ARTICLE 13 – NCLA -Nunavut Land Claims Agreement
- NWNSRTA – The Nunavut Waters and Nunavut Surface Rights Tribunal Act, 2002
- Northwest Territories Waters Regulations, 1993
- NWB - Water Licensing in Nunavut - Interim Procedures and Information Guide for Applicants
- NWB - Interim Rules of Practice and Procedure for Public Hearings
- RWED – Environmental Protection Act, R-068-93-Spill Contingency Planning and Reporting Regulations, 1993
- RWED A Guide to the Spill Contingency Planning and Reporting Regulations, 2002
- NWTWB - Guidelines for Contingency Planning
- *Canadian Environmental Protection Act, 1999 (CEPA)*
- *Fisheries Act, RS 1985* - s.34, 35, 36 and 37
- DFO - Freshwater Intake End of Pipe Fish Screen Guideline
- NWTWB - Guidelines for the Discharge of Treated Municipal Wastewater in the NWT
- Canadian Council for Ministers of the Environment (CCME); Canadian Drinking Water Quality Guidelines, 1987
- Public Health Act - Camp Sanitation Regulations
- Public Health Act - Water Supply Regulations
- *Territorial Lands Act* and *Territorial Land Use Regulations*; Updated 2000