EXPLORATION/ REMOTE CAMP
SUPPLEMENTARY QUESTIONNAIRE

Applicant: _____ **Licence No:** _____

(For NWB Use Only)

ADMINISTRATIVE INFORMATION

1. Environment Manager: Ben Hubert Tel: (403) 256-0017 Fax: (403) 256-1228

2. Project Manager: Jeff Welborn Tel: (303) 268-8325 Fax: (303) 268-8370

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: March 1, 2003 Completion: February 28, 2004

CAMP CLASSIFICATION

6. Type of Camp
   - ☐ Mobile (self-propelled)
   - ☐ Temporary
   - ☒ Seasonally Occupied: **Exploration Camp**
   - ☐ 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?

45-60 people with April 1 to November 30 being the peak period.

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

See Status Reports in English and Inuktitut included with original application dated December 18, 1998 and amendment request dated May 25, 2000.

CAMP LOCATION

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

Camp is located on an esker on the south shore of Meliadine Lake at Latitude 63°01'30" and Longitude 92°10'20".

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 based on topology and proximity to exploration area in consultation with KIA. The site had not been previously used for an exploration camp.

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: **KVCL102J168, July 1, 2003**

12. Closest Communities (distance in km):

Rankin Inlet, 25 km

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

Consultation has been ongoing since 1995.

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 **(Exploration)**

☐ 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?
The drill cuttings from ice-based drilling are collected in a centrifuge and removed, stored in barrels for removal to Municipal Dump at Rankin Inlet. All land-based drill cuttings are pumped to a sump which is either a natural depression or a dyke that is temporarily deployed, both of which trap the drill cuttings and allow the water to drain away. The drill cuttings are then re-habilitated with peat moss and fertilizer.

20. Describe what will be done with drill water?
Winter Drilling - all drilling fluids will be pumped to sumps on shore. All land based drilling fluids will be treated in sumps to collect cuttings, allowing the water to drain into the surrounding landscape.

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.
CaCl, EZ-Mud

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 Spill Contingency Plan included with original application dated December 18, 1998.

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

One spill kit at each diesel and Jet fuel tank location. There are also spill kits at each operating drill (maximum of four).

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

See Environmental Management System included with original application dated December 18, 1998.

WATER SUPPLY AND TREATMENT

26. Describe the location of water sources.

Meliadine Lake for Camp and ice drilling, numerous small ponds for land based drilling on the Tiriganiaq Zone. Pump Lake, Peg Lake, Woody Lake and Wolf Lake for ice-based drilling away from the Tiriganiaq Zone (see attached map).

27. Estimated demand (in L/day * person): **(based on 50 people in camp)**

- ☒ Domestic Use: 5000 l/day Water Source: Meliadine Lake
- ☒ Drilling Units: 75,000 l/day Water Source: Meliadine Lake + small lakes & ponds
- ☐ 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:

Submersible pump with filtered intake.

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

Yes, monthly samples taken and sent to Public Health Unit in Rankin Inlet for standard drinking water test.

30. Will drinking water be treated? How?

If necessary (based on testing), water will be chlorinated.

31. Will water be stored on site?

Yes, there are four 305 gallon (1,368 litre) tanks in the dry used for showers, laundry and washing. There are two 325 gallon (1,477 litre) tanks in the kitchen used for cooking and cleaning. These are filled from Meliadine Lake as the demand requires.

WASTE TREATMENT AND DISPOSAL

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

- ☐ Camp Sewage (blackwater)
  Incineration
- ☐ Camp Greywater
  Sump
- ☐ Solid Waste
  Incineration/Rankin Inlet Municipal Dump
- ☐ Bulky Items/Scrap Metal
  Rankin Inlet Municipal Dump
- ☐ Waste Oil/Hazardous Waste
  Rankin Inlet, Oomilik Construction
- ☐ Empty Barrels/Fuel Drums
  Damaged barrels taken to Rankin Inlet for use as Municipal garbage pick-up barrels, small % of good barrels still used.
- ☐ Other: _____

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

Westlund, 120 lbs/hour waste burn.

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

Rankin Inlet Municipal Dump. Authorization for 2003 pending (see attached letter).

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

2m x 2m x 1.2m sump, 4500 litres per day (peak), see location on attached map.

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

N/A

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?

In use since 1996 at present location.

ABANDONMENT AND RESTORATION

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

See Abandonment/Decommissioning Plans included with original application dated December 18, 1998.

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: _____

See bibliography attached.

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.