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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI

EXPLORATION/ REMOTE CAMP SUPPLEMENTARY QUESTIONNAIRE

Applicant: Pacific Ridge Exploration Ltd. **Licence No:** _____
(For NWB Use Only)

ADMINISTRATIVE INFORMATION

1. Environment Manager: **Wayne J. Roberts, VP Exploration** Tel: **(604) 687-4951**
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2. Project Manager: : **Wayne J. Roberts, VP Exploration** Tel: **(604) 687-4951**
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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.
Yes, the applicant is the operator. See attached letter of authorization form Kanimak Gold Corp.

5. Duration of the Project
[ ] Annual
[**X**] Multi Year:
If Multi-Year indicate proposed schedule of on site activities
Start: **June 1, 2006** Completion: **September 15, 2009**

CAMP CLASSIFICATION

6. Type of Camp
[ ] Mobile (self-propelled)
[**X**] Temporary
[**X**] Seasonally Occupied: _____
[ ] Permanent
[ ] Other:_____

7. What are the design population of the camp and the maximum population expected on site at one time? What will be the fluctuations in personnel?

The main drill camp will support 7 - 14 people. There will also a few small fly-camps that will support 2 – 4 people for 7-10 days at a time. More information can be found in the attached Project Summary.

8. Provide history of the site if it has been used in the past.
An old camp site is believed to be located in the vicinity as 68-4/69-4 Showing was drilled in 1970 with 6 diamond drill holes. No information on exact 1970 camp location is available.

CAMP LOCATION

9. Please describe proposed camp location in relation to biogeographical and geomorphological features, and water bodies.
The main drill camp will be located approximately 5 km southerly from Kazan Falls and greater than 31m from Kazan River.

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 location of the camp was selected based on the proximity to the claims, the fresh water from Kazan River and the closeness of the community of Baker Lake for staging and supplying. Assistance was not sought for the camp location, however, a community meeting will be held prior to the start up of the program to provide information, address questions and interview for field personnel.

11. Is the camp or any aspect of the project located on:
[**X**] Crown Lands Permit Number (s)/Expiry Date: **Currently being applied for**
[ ] Commissioners Lands Permit Number (s)/Expiry Date: _____
[ ] Inuit Owned Lands Permit Number (s)/Expiry Date: _____

12. Closest Communities (distance in km):
The closest community is Baker Lake, located 65 km to the northwest of the proposed camp location.

13. Has the proponent notified and consulted the nearby communities and potentially interested parties about the proposed work?
Pacific Ridge is in the process of discussions with the Hunters and Trappers Association, the hamlet of Baker Lake and KIA representative for the area.

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?
This project is a small exploration program. The main drill camp and the small fly-camps are all temporary. The project will not have any impact on traditional water use or on

local fish and wildlife habitats. The field crew will have specific rules as to no hunting or interference with wildlife.

PURPOSE OF THE CAMP

15. ⊗ Mining
○ Tourism (hunting, fishing, wildlife observation, adventure/expedition, etc.)
(Omit questions # 16 to 21)
⊗Other **Exploration – drilling program** (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?
All land based drill cuttings will be collected in a sump to be located a minimum of 31 metres from the normal high-water mark of any water body.

20. Describe what will be done with drill water?
Spent drilling water will be collected in an appropriately sized sump to allow for settling of drill cuttings. The sump will be located as described above, a minimum of 31 metres from the normal high-water mark of any water body. Drill water will not be allowed to directly flow into any moving or stationary bodies of water.

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.
Please refer to the revised Spill Contingency Plan that has been submitted. MSDS sheets can be found in Appendix II of the Plan.

22. Will any core testing be done on site? Describe.
No core testing will be done on site.

SPILL CONTINGENCY PLANNING

23. Does the proponent have a spill contingency plan in place? Please include for review.
Yes the proponent does have a Spill Contingency Plan in place. This plan has been attached for your review.

24. How many spill kits will be on site and where will they be located?
There will be one spill kit located at the main drill camp, one spill kit at the drill shack, one spill kit at each fuel cache location and one modified spill kit at each fly-camp. As well, at least one empty fuel drum will be located at each fuel cache in the event of a damaged or leaking drum.

25. Please describe the types, quantities, and method of storage of fuel and chemicals on site, and provide MSDS sheets.
Diesel – 15 drums (205 litre drums)
Gasoline – 2 drums (205 litre drums)
Propane – 6 cylinders (100lb), 5 cylinders (20lb)
Aviation fuel –15 drums (205 litre drums)

The main fuel cache will be located at the main drill camp. The smaller fly-camps will have a small quantity of fuel to support them. The fly-camps will have 2-4 people for approximately 7-10 days. The main fuel cache at camp, and any chemicals stored will be inspected daily. Satellite fuel caches will contain no more than 5 drums. Empty fuel drums will be removed as soon as possible. The MSDS Sheets for the products which may be brought to the project are located in Appendix III of the Spill Contingency Plan.

WATER SUPPLY AND TREATMENT

26. Describe the location of water sources.
Water for domestic purposes at the main drill camp will come from Kazan River, located at 63° 42´ Lat. 95° 45´ Long or from near by un-named lakes if deemed potable.
Water for drilling will be taken from nearby lakes. The locations will be provided once the drill targets have been finalized.
Water supply for the small fly-camps will be collected from nearby lakes. The proposed locations of these fly-camps are described in the attached Project Summary.

27. Estimated demand (in m^3/day * person):

- ⊗ Domestic Use: **5m^3/day** Water Source: **Kazan River**
- ⊗ Drilling Units: **15m^3/day** Water Source: **Nearby lakes**
- ⊗ Other: **1.5m^3/day** Water Source: **Nearby lakes**
  (fly camps 2-4 people, 7-10 days)

28. Describe water intake for camp operations? Is the water intake equipped with a mesh screen to prevent entrapment of fish? Describe:

The water intake for the main drill camp and the drill will be facilitated using a submersible pump with a filtered intake that complies with DFO guidelines for screens to prevent the entrainment of fish.

29. Will drinking water quality be monitored? What parameters will be analyzed and at what frequency?
A water sample will be taken from Kazan River (or nearby lake) where potable water is to be collected. Tests will be conducted with a field test kit and analysed for various types of coliform bacteria. CCME guidelines for safe drinking water will be used for determining whether further treatment is required.

30. Will drinking water be treated? How?
Water will be boiled.

31. Will water be stored on site?
Water will be collected as needed and stored in a tank at the camp.

WASTE TREATMENT AND DISPOSAL

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

- Camp Sewage (blackwater)

Latrine sump - 0.02 cubic metres/day

- Camp Greywater

Sump – 3 cubic metres/day

- Solid Waste

Minimal amount – combustible waste will be incinerated on site other waste will be shipped off site for disposal

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- Bulky Items/Scrap Metal

Minimal if any – removed from site for disposal

- Waste Oil/Hazardous Waste

Minimal – removed from site for disposal. This would require a Waste Manifest, proper labelling for shipping and transport

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- Empty Barrels/Fuel Drums

Removed from site on a regular basis

- Other:

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33. Please describe incineration system if used on site. What types of wastes will be incinerated?
Modified 45 gallon drum. Food wastes and other combustibles will be incinerated.

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 returned to the Baker Lake land-fill site and permission is being obtained.

35. Describe location (relative to water bodies and camp facilities) dimensions and volume, and freeboard for sumps (if applicable).
Sumps will all be located a minimum of 31 metres from the normal high water mark of any water body. More information can be provided on locations once the camp location is finalized and the drill targets are selected. All of this information will be provided as part of the annual report to the Nunavut Water Board.

36. Will leachate monitoring be done? What parameters will be sampled and analyzed, and at what frequency?
Visual inspections of all sumps will be conducted daily. In the event that any problems are encountered or observed, the DIAND Water Resource Inspector will be contacted immediately. This information and any follow-up that may be required would be provided as part of the annual report to the Nunavut Water Board.

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 treatment and disposal methods being proposed are currently in practice across the north and follow the regulated guidelines and accepted methods. The current contingency plan at this time is mitigation (safe distance for disposal in sumps, shipping off site any hazardous chemicals/scrap metal/non-combustible waste, following applicable Acts, Regulations and Guidelines, etc.) and monitoring. Should there be any concerns the DIAND Water Resource Inspector will be notified immediately. Any issues will be documented and provided as part of the annual report to the Nunavut Water Board.

ABANDONMENT AND RESTORATION

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

Please see attached "Abandonment & Restoration Plan". The Plan includes seasonal shutdowns as well as final closure.

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:

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.