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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI

EXPLORATION/ REMOTE CAMP SUPPLEMENTARY QUESTIONNAIRE

Applicant: _Alix Resources Corp._____Licence No: _____
(For NWB Use Only)

ADMINISTRATIVE INFORMATION

1. Environment Manager: **Kris Raffle** Tel: **604-696-9628** Fax: **604-696-9648**
   E-mail: **kraffle@apexgeoscience.com**

2. Project Manager: **Kris Raffle** Tel: **604-696-9628** Fax: **604-696-9648**
   E-mail: **kraffle@apexgeoscience.com**
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
   [X] Multi Year:
   If Multi-Year indicate proposed schedule of on site activities
   Start: **1 March 2008** Completion: **28 February 2013**

CAMP CLASSIFICATION

6. Type of Camp
   [ ] Mobile (self-propelled)
   [X] Temporary
   [X] Seasonally Occupied: **Occupied during active exploration programs only**
   [ ] 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 camp is designed for a maximum of 20 people but range between 10 and 20 people on site with an average of 11 people during the drill program.

8. Provide history of the site if it has been used in the past.
The property has been the focus of considerable exploration since the 1960's. Work by previous companies occurred during three main periods: (1) 1963-1966 – mainly prospecting; (2) 1974-1981 – primarily trenching and diamond drilling; (3) 1984-1989 – primarily diamond drilling. There are approximately 210 full and partial drums and 6 pallets of calcium chloride located at the previous exploration camp and at the barge site just north of the property from previous exploration programs by other operators in the 1980's. Some equipment including two bulldozers and an all-terrain vehicle are among the items remaining. The cleanup of this material could likely be done in conjunction with a submstantial exploration project. In 2004, five pallets of calcium chloride, two pallets of core boxes, 32 drums of Jet B, eight drums of gasoline, 120 drums of diesel and 13 pallets of propane was mobilized to the property and stored at the barge site in anticipation of future work.

CAMP LOCATION

9. Please describe proposed camp location in relation to biogeographical and geomorphological features, and water bodies.
The camp location was previously used and is located at UTM 484800E 7513700N (NAD83, Zone 12), lat/long 67^{O} 44' 16", 111^{O} 21' 35", more than 30 metres from the shore of a small inlet off Arcadia Bay, immediately adjacent to IOL parcel CO-31. The camp location lies within an area of tundra with low scrub vegetation.

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 camp location was selected for its proximity to water and accessibility by float or ski-equipped aircraft.

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: _____
[X] Inuit Owned Lands Permit Number (s)/Expiry Date: **KTL304C058**
Camp is actually located immediately adjacent to Inuit Owned Land Parcel CO-31.

12. Closest Communities (distance in km):
Kugluktuk – approximately 160 kilometres
Cambridge Bay – approximately 310 kilometres

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

Consultation was performed by the previous property owner who has since optioned the right to explore the property to Alix Resources. Alix Resources intends for APEX Geoscience, who will be carrying out the exploration work on behalf of Alix Resources, to visit the communities of Kugluktuk and Cambridge Bay immediately prior to the commencement of and upon the completion of the 2008 exploration program. Should the 2008 Arcadia Property exploration results be encouraging, it is Alix Resources's intention to establish a relationship with the local communities and to keep them informed of any additional plans for the property. It is also the intention of Alix Resources and APEX

Geoscience to employ members of the local communities where possible during active exploration.

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?

There will be no deleterious effect on traditional water use areas used by the nearby communities nor on local fish and wildlife habitats. The project has been designed to minimize the impact on local fish and wildlife habitats and will be insignificant.

PURPOSE OF THE CAMP

15.
- ○ Mining
- ○ Tourism (hunting, fishing, wildlife observation, adventure/expedition, etc.) (Omit questions # 16 to 21)
- ✓ Other Gold Exploration (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 removed and pumped to sumps which will be located in an area a safe distance (minimum of 31 m) to avoid any entry in to any water body.

20. Describe what will be done with drill water?
Any water used for drilling will be pumped to sumps as described in the previous answer, number 19.

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 see the attached Spill Contingency Plan, Appendix C.

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.
Please see the attached Spill Contingency Plan.

24. How many spill kits will be on site and where will they be located?
A spill kit will be located at the camp, one at the drill, as well at least one empty fuel drum and absorbent pads will be located at any additional fuel caches.

25. Please describe the types, quantities, and method of storage of fuel and chemicals on site, and provide MSDS sheets.
Diesel – 120 drums @ 206 l/drum
Gasoline – 8 drums @ 206 l/drum
Aviation fuel – 32 drums @ 206 l/drum
Propane – 78 cylinders @ 100 lb/cylinder
The range of quantities represents the average fuel requirements and the maximum fuel requirements based on drill program.
Please refer to the appendix in the Spill Contingency Plan for the MSDS sheets.

WATER SUPPLY AND TREATMENT

26. Describe the location of water sources.
Water for drilling will be taken from nearby lakes.

27. Estimated demand (**based on max 20 people**):

- ✓ Domestic Use: **3 cubic metres/day** Water Source: **Lake near camp**
- ✓ Drilling Units: **11 to 19 cubic metres/day** Water Source: **Small lakes to be identified once drill targets are finalized.**
- ○ 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. The screen will comply with the requirements as described by DFO. It is our understanding that DFO is currently reviewing intake screens and we will ensure that our practices remain current.

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

30. Will drinking water be treated? How?
Not applicable.

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

WASTE TREATMENT AND DISPOSAL

32. Describe the characteristics, quantities, treatment and disposal methods for:
Please see attached environmental procedures plan

- ✓ Camp Sewage (blackwater) **0.02 cubic metres/day – sewage latrine**

- ✓ Camp Greywater **3 cubic metres/day - sump**

- ✓ Solid Waste **minimal – incineration when appropriate or removed from site**

- ✓ Bulky Items/Scrap Metal **if any it will be minimal – removed from site**

- ✓ Waste Oil/Hazardous Waste **minimal – contained and removed from site**

- ✓ Empty Barrels/Fuel Drums **– removed 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?
All inert waste will be shipped off site. No waste will be deposited in any landfill without authorization and approvals.

35. Describe location (relative to water bodies and camp facilities) dimensions and volume, and freeboard for sumps (if applicable).
All sumps will be located at least 31 metres from the normal high water mark of any water body including streams. The greywater sump is located near the kitchen. It is approximately 2 m wide.

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.

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. We have used these methods at other exploration properties.

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".

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.