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Tel: (867) 360-6338 NUNAVUT WATER BOARD
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# EXPLORATION/ REMOTE CAMP SUPPLEMENTARY QUESTIONNAIRE

**Applicant:** ALEX MCPHERSON **Licence No:** _____ (For NWB Use Only)

## ADMINISTRATIVE INFORMATION

1. Environment Manager: A. MCPHERSON 604.940.0709 Tel: _____ Fax: _____ E-mail: _____
2. Project Manager: A. MCPHERSON Tel: ~~604~~ 604.940.3087 Fax: _____ E-mail: NIL
3. Does the applicant hold the necessary property rights? PENDING
4. Is the applicant an 'operator' for another company (i.e., the holder of the property rights)? If so, please provide letter of authorization.
5. Duration of the Project
   - [ ] Annual
   - [X] Multi Year:

   If Multi-Year indicate proposed schedule of on site activities
   Start: SUMMER Completion: FALL



## 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?

   FROM 2 TO 11 PEOPLE IF DRILLING NECESSARY
8. Provide history of the site if it has been used in the past.

   PROSPECTING — NO HUMAN INHABITANTS

## CAMP LOCATION

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

THE CAMP WILL BE LOCATED IN THE CENTER OF THE AREA TO BE PROSPECTED. NO LARGE CREEKS OR LAKES IN THE AREA

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.

BEST FOR PROSPECTING TO BE DONE. NO PREVIOUS USE OF SITE / NO ? NO MEMORY OF CONTACTING THIS ASSOCIATION

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: _____ _____

12. Closest Communities (distance in km):

KLUGLUKTUK 60 KM ?

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

NO HARMFUL IMPACT

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?

## PURPOSE OF THE CAMP

15.
- [X] Mining
- [ ] Tourism (hunting, fishing, wildlife observation, adventure/expedition, etc.) (Omit questions # 16 to 21)
- [ ] Other _____ _____ _____ _____ (Omit questions # 16 to 22)

16.
- [ ] Preliminary site visit
- [X] Prospecting
- [X] Geological mapping
- [ ] Geophysical survey
- [X] Diamond drilling ?
- [ ] Reverse circulation drilling
- [ ] Evaluation Drilling/Bulk Sampling (also complete separate questionnaire)
- [ ] Other: _____ _____ _____ _____

17. Type of deposit:

- O Lead Zinc
- O Diamond
- O Gold
- O Uranium
- O Other: COPPER

**DRILLING INFORMATION**

18. Drilling Activities

- ☒ Land Based drilling
- O Drilling on ice

19. Describe what will be done with drill cuttings?

PUT IN SUMP — SUB CONTRACTOR MAJORS DRILLING

20. Describe what will be done with drill water? DEPOSITED IN SUMP MAJORS DRILLING / RE-CIRCULATED

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.

ALREADY PROVIDED MAJORS DRILLING

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.

YES BY MATRIX AVIATION SOLUTIONS

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

TWO SPILL KITS WILL BE LOCATED IN CAMP AREA

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

DIESEL FUEL FOR CAMP OR GASOLINE FOR CAMP
FUEL WILL BE TRANSPORTED & STORED IN SEALED CONTAINERS / PROPER BARREL PUMPS & FILTERS

**WATER SUPPLY AND TREATMENT**

26. Describe the location of water sources.

NEAR BY SHALLOW LAKES? / SMALL WATER BODIES

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

- Domestic Use: 1000 L DAY Water Source: SMALL LAKES & CREEKS
- Drilling Units: 3000 L DAY Water Source: SMALL LAKES & CREEKS
- 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:

YES! 1/4" SCREEN OR SMALLER

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

WATER WILL BE TESTED YEARLY

30. Will drinking water be treated? How?

WATER WILL BE FILTERED & BOILED

31. Will water be stored on site? NO

## WASTE TREATMENT AND DISPOSAL

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

- Camp Sewage (blackwater) TOILET BAGS WILL BE INCINERATED
- Camp Greywater IN SUMP
- Solid Waste BURN WHAT WILL BURN — REMOVE RESI
- Bulky Items/Scrap Metal REMOVED
- Waste Oil/Hazardous Waste REMOVED
- Empty Barrels/Fuel Drums REMOVED
- Other:

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

GARBAGE WILL BE INCINERATED ON A DAILY BASIS

34. Where and how will non-combustible waste be disposed of? If in a municipality in Nunavut, has authorization been granted? — NO

KLUGLUCTUK ? YK ?

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

PRIMARY SUMP M3 COVERED FOR KITCHEN & DRY WASTE WATER

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?

* NO WINTER PROSPECTING - DRILLING - GEN SET IN HEATED BUILDING / SCLAIRE PIPE FOR WATER / SUMP FOR WASTE WATER

## ABANDONMENT AND RESTORATION

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

* SUB CONTRACTOR - MATRIX AVIATION SOLUTIONS

## BASELINE DATA

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

? X Physical Environment (Landscape and Terrain, Air, Water, etc.)
O Biological Environment (Vegetation, Wildlife, Birds, Fish and Other Aquatic
O Organisms, etc.)
O Socio-Economic Environment (Archaeology, Land and Resources Use,
O Demographics, Social and Culture Patterns, etc.)
O Other: MAPPING OF FAULT / SOIL & ROCK SAMPLES

## REGULATORY INFORMATION

40. Do you have a copy of

X Article 13 - Nunavut Land Claims Agreement
O NWB - Water Licensing in Nunavut - Interim Procedures and Information Guide for Applicants
? X NWB - Interim Rules of Practice and Procedure for Public Hearings
O NWTWB - Guidelines for the Discharge of Treated Municipal Wastewater in the NWT
O NWTWB - Guidelines for Contingency Planning
O DFO - Freshwater Intake End of Pipe Fish Screen Guideline
O Fisheries Act - s.35
X RWED - Environment Protection- Spill Contingency Regulations
O Canadian Drinking Water Quality Guidelines
O Public Health Act Camp Sanitation Regulations
O Public Health Act Water Supply Regulations
X Territorial Land Use Act and Regulations

You should consult the above document, guidelines, and legislation for compliance with existing regulatory requirements.