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EXPLORATION/ REMOTE CAMP SUPPLEMENTARY QUESTIONNAIRE

Applicant: Baffinland Iron Mines Corporation Licence No: _____
(For NWB Use Only)

ADMINISTRATIVE INFORMATION

1. Environment Manager*:* **Michael T Zurowski** Tel: 416-364-8820 Fax: 416-364-0193
E-mail: mtz@bellnet.ca

2. Project Manager*:* **Michael T Zurowski** Tel: 416-364-8820 Fax: 416-364-0193
E-mail: mtz@bellnet.ca

3. Does the applicant hold the necessary property rights?
The camp site is planned on Inuit Owned Land to the south of mining leases owned by Baffinland iron Mines Corporation. The camp will be located adjacent to an airstrip that had been previously used some 40 years ago by a predecessor company and utilised by other companies over the years.

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: Seasonal
If Multi-Year indicate proposed schedule of on site activities
Start: May 10-15, 2005 Completion: September 15-25 2005
Re-Start: May 10-15, 2006 Completion: September 15-25 2006

CAMP CLASSIFICATION

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

It is intended to demobilise the camp in Pond Inlet and remobilise the camp in May 2005. This will lessen the impact on the environment.

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 will contain a maximum of 60 people at any one time, but will not have that number of people continuously. It will fluctuate between 50 and 60 people once the project is in operation Personnel will include 6 Geologists including a project manager, 14 drillers including a foreman, 1 cook and helper, 5 pilo/engineerst, 30 geo-technicians and field labourers plus variable subcontractors starting environmental baseline and floral/fauna studies.

8. Provide history of the site if it has been used in the past.
The site was constructed in 2004 as a camp and has been expanded upon for the 2005 field season.

CAMP LOCATION

9. Please describe proposed camp location in relation to biogeographical and geomorphological features, and water bodies.
The camp will be set up about 100m east of an unknown named lake and west of the Mary River draining into the lake. The lake is adjoined to the north end of Mary Lake.

Possible fly camps will be set up near airstrips as located on the attached location map.

10. How was the location of the camp selected?
It is a location that is close to the known airstrip to the north and is proximal to the mining leases that will be explored. The company will clean up the old camp site located to the east of the airstrip. The airstrip is approximately 2,000 km in length and is accessible to a Hercules aircraft for mobilization in mid-April

Was the site previously used?
It has not been previously used as a camp site.

Was assistance from the Regional Inuit Association Land Manager sought?
No.

Include maps and/or aerial photographs.
Attached.

11. Is the camp or any aspect of the project located on:
[no] Crown Lands Permit Number (s)/Expiry Date*:*
[no] Commissioners Lands Permit Number (s)/Expiry Date: _____
[**X**] Inuit Owned Lands Permit Number (s)/Expiry Date: ____Q04L2C03_____

12. Closest Communities (distance in km):
Pond Inlet ~160 km to the north
Arctic Bay ~240 km to the northwest

13. Has the proponent notified and consulted the nearby communities and potentially interested parties about the proposed work?
Informal discussions and presentations have been held informing stakeholders in Pond Inlet about the proposed programme. Regular approximately monthly meetings with community representatives will occur to ensure dialogue and community consultation occurs so that the community knows about opportunities available to it and details about the immediate and long-term plans of the company.

14. Will the project have impacts on traditional water use areas used by the nearby communities? ***No***
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: **_Iron Ore_____**

DRILLING INFORMATION

18. Drilling Activities
⦸ Land Based drilling *Approximately 9,000 metres will be drilled in 50 holes*
○ Drilling on ice

19. Describe what will be done with drill cuttings?
Drill cuttings will be collected in a sump and all drill sumps will be backfilled and buried

20. Describe what will be done with drill water?
Drill water will be re-circulated and collected in a sump or lost through fractures in the rock.

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.
Calcium chloride is required for deeper drillholes (>100 metres) MSDS sheets for all possible drill products are attached. Calcium Chloride drill salt will be used for drilling on permafrost.

22. Will any core testing be done on site? *No, core will be split and sent for analytical testing*
Describe.

SPILL CONTINGENCY PLANNING

23. Does the proponent have a spill contingency plan in place? Please include for review.

See attached detailed plan

24. How many spill kits will be on site and where will they be located?
12 spill kits will be on-site. Sill kits will be located at each of the drill sites and at the fuel cache and at the ampsite.

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

We estimate that we will require about
250 – 200 L drums of diesel fuel
250 – 200 L drums of Jet B fuel
10 – 200 L drums of regular gasoline
10 – 200 L drums of aviation fuel
30 – 100 lb propane cylinders
10 - 25 lb propane cylinders

Fuel will be stored in sealed 200 L drums. Drums will be stored in a graded depression, lying on their sides with bungs at 3 o'clock and 9 o'clock positions. All bungs will face in the same direction for easy inspection. Drums will be stored in single rows with walking distance between rows. The will be inspected every day for any seepage. Fuel caches will be underlain where possible by an impermeable (hypolon) liner and berms will be constructed to ensure maximum containment of any potential spill.

Please see spill contingency plan as attached.

WATER SUPPLY AND TREATMENT

26. Describe the location of water sources.
There is a small lake ~ 100-200 m to the west of the proposed camp site. If water quality is acceptable, it will likely be used for water.

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

- ⦸ Domestic Use: *2,000 L/day* Water Source: *see above*
- ⦸ Drilling Units: *78,000 L/day per drill* Water Source: *dependent upon drill location but expected to be tributary of Mary River*
- ○ Other: _____ Water Source: _____

Requested increase in water consumption is a maximum of 312 cubic metres per day assuming four drill rigs are in operation. This assumed maximum is perhaps unachievable, but assumes 24 hour operation of all drills and maximum pumping rate of new pumps for the drill programme. Actual consumption should be 150 cubic metres per day assuming four drill rigs are in operation. The length of the water line, steep topography and use of salt required an increased pumping capacity.

28. Describe water intake for camp operations? Is the water intake equipped with a mesh screen to prevent entrapment of fish? Describe:
Pump with a mesh screen over the intake to prevent dirt or fish from being entrapped.

29. Will drinking water quality be monitored? What parameters will be analyzed and at what frequency?
Yes, one (1) sample will be taken when mobilizing the camp. Further samples will be taken if deemed necessary. Tests will be conducted with a field test kit and will be standard water examinations for various types of coliform bacteria.

30. Will drinking water be treated? How?
Depending on test results, drinking water will be boiled or chlorinated, if required as necessary.

31. Will water be stored on site?
Yes, a small amount of water will be stored on site for drinking and domestic purposes.

WASTE TREATMENT AND DISPOSAL

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

⦸ Camp Sewage (blackwater)

A latrine pit will be constructed in the sandy esker >100 m from any water and treated with chloride of lime; estimated 20 to 30 litres per day of waste will be generated, depending on the number of people in camp at any given time.

⦸ Camp Greywater

A sump pit will be dug in sandy esker material >100m from any water source and grey water(estimated 150 L per day) will be dumped into this pit and buried at the end of the programme.

⦸ Solid Waste *Waste will be incinerated in a barrel and non-combustibles will be removed from site and disposed off in a licensed community waste area.*

⦸ Bulky Items/Scrap Metal *Most will be stored on site and removed at the end of the programme, regular service flights will allow much of this material to be removed from the site during the programme.*

⦸ Waste Oil/Hazardous Waste *Waste oil will be used to burn combustibles. No hazardous waste will be generated.*

⦸ Empty Barrels/Fuel Drums *All empty barrels, fuel drums etc. will be removed (shipped off site). Number of drums will be variable – they will be shipped out as soon after use as is possible (i.e. on return food flights, etc.)*

○ Other: *N/A*

33. Please describe incineration system if used on site. What types of wastes will be incinerated?
An incinerator will be used for paper, wood and waste food.

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 flown from the site on a regular basis and disposed of. The Toonoonik Sahoonik Co-Op in Pond Inlet will provide logistic and expediting services and current application has been made to dispose of the waste material in the Pond Inlet disposal area.

35. Describe location (relative to water bodies and camp facilities) dimensions and volume, and freeboard for sumps (if applicable).
All sumps, garbage pits, latrine pits etc will be kept as far from water bodies as possible and will be more than 100 m from any water. We will also keep them as far from camp as possible. Sumps and other pits will be as large as, but no larger than, necessary – the greywater sump is likely to be 2m x 2m x 1.2m or similar dimension.

36. Will leachate monitoring be done? What parameters will be sampled and analyzed, and at what frequency?
No Leachate monitoring will be done.

OPERATION AND MAINTENANCE

37. Have the water supply and waste treatment and disposal methods been used and proven in cold climate? *Yes. water supply and waste treatment has been used numerous times in similar projects in the NWT and Nunavut*.*.*

What known O&M problems may occur? What contingency plans are in place?
Please refer to "Containment fuel spill contingency plans" as attached

ABANDONMENT AND RESTORATION

38. Provide a detailed description of progressive and final abandonment and restoration activities at the site.
As attached, Photographs of the campsite will be taken before, during and after.

BASELINE DATA

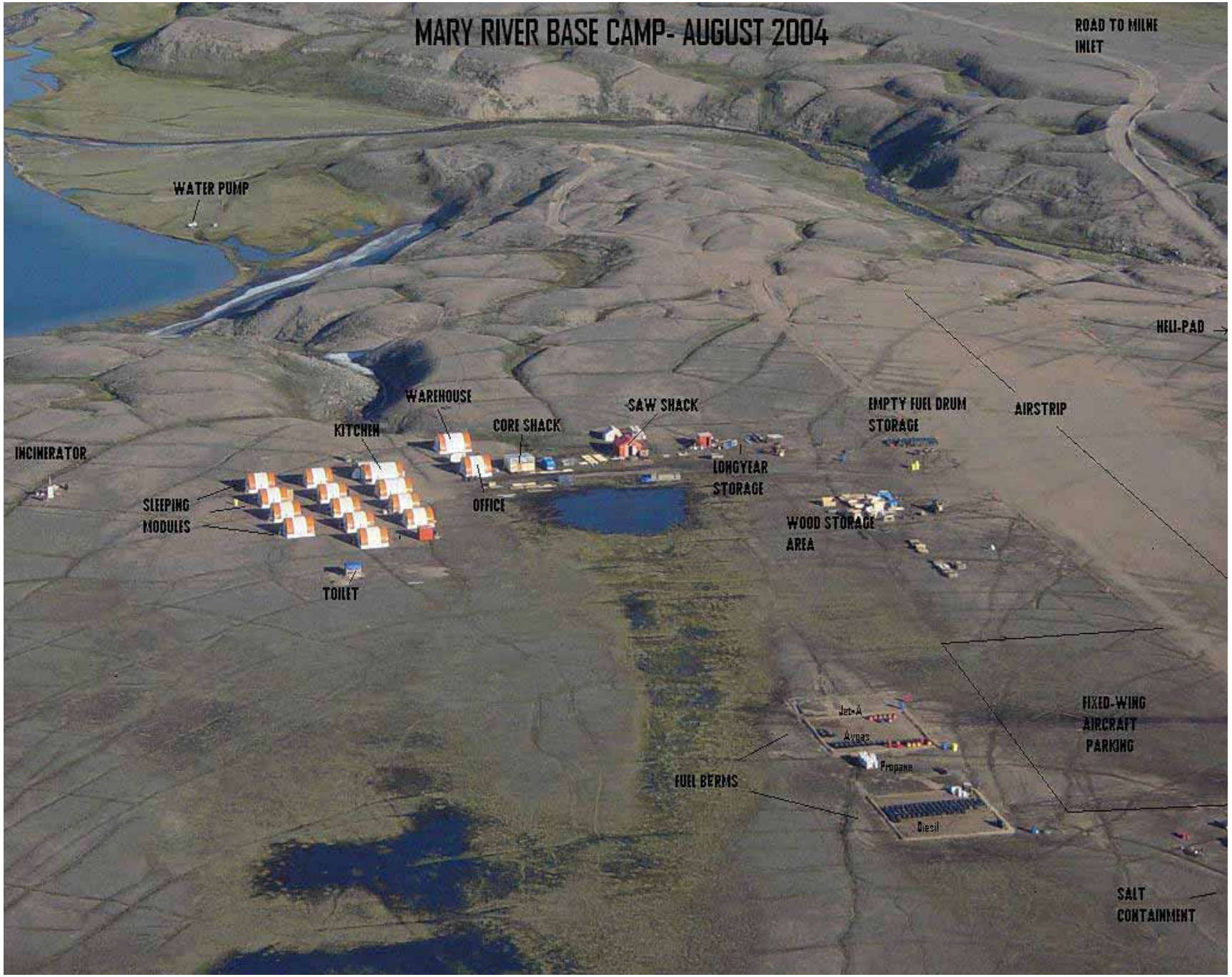
39. Has or will any baseline information be collected as part of this project? Provide bibliography.
- ○ Physical Environment (Landscape and Terrain, Air, Water, etc.)
- ○ Biological Environment (Vegetation, Wildlife, Birds, Fish and Other Aquatic
- ○ Organisms, etc.)
- ○ Socio-Economic Environment (Archaeology, Land and Resources Use,
- ○ Demographics, Social and Culture Patterns, etc.)
- ○ Other:

Baseline data has started.

REGULATORY INFORMATION

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

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


MARY RIVER BASE CAMP- AUGUST 2004
ROAD TO MILNE INLET
WATER PUMP
HELI-PAD
AIRSTRIP
WAREHOUSE
SAW SHACK
EMPTY FUEL DRUM STORAGE
KITCHEN
CORE SHACK
INCINERATOR
LONGYEAR STORAGE
SLEEPING MODULES
OFFICE
WOOD STORAGE AREA
TOILET
FIXED-WING AIRCRAFT PARKING
Jet-A
Avgas
Propane
FUEL BERMS
Diesil
SALT CONTAINMENT