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### EXPLORATION/ REMOTE CAMP SUPPLEMENTARY QUESTIONNAIRE

Applicant: DE BEERS CANADA EXPLORATION INC Licence No: \_\_\_\_\_  
(For NWB Use Only)

#### ADMINISTRATIVE INFORMATION

1. Environment Manager: JONATHAN FOWLER Tel: (416) 645 1710 Fax: (416) 429-2462 E-mail: jonathan.fowler@ca.debeersgroup.com
2. Project Manager: PAUL HUNDT Tel: (705) 674-3712 Fax: (705) 674-7784 E-mail: paul.hundt@ca.debeersgroup.com
3. Does the applicant hold the necessary property rights?  
YES, EXPLORATION PERMITS 2405 - 2535 (131 PERMITS)
4. Is the applicant an 'operator' for another company (i.e., the holder of the property rights)? NO  
If so, please provide letter of authorization. NA
5. Duration of the Project  
☐ Annual  
☒ Multi Year:  
If Multi-Year indicate proposed schedule of on site activities  
Start: 20 JUNE 2002 Completion: 1 SEPTEMBER 2004

#### CAMP CLASSIFICATION

6. Type of Camp  
☐ Mobile (self-propelled)  
☐ Temporary  
☒ Seasonally Occupied: TENTED 20 PERSON  
☐ 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? CAMP DESIGN POPULATION 20. PERSONS  
FLUCTUATION 20 DURING SUMMER TO 0 DURING WINTER.
8. Provide history of the site if it has been used in the past.  
THIS SITE HAS NOT BEEN USED IN THE PAST.

## CAMP LOCATION

9. Please describe proposed camp location in relation to biogeographical and geomorphological features, and water bodies. THE AREA IS LOW Lying HUMMOCKY, TILL BLANKET COVER, WITH A NEARBY ESICER AND LARGE LAKE TO THE NORTH.
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. A REFERENCE TO A 1960'S GSC CAMP SITE IN THE AREA, THE ESICER SYSTEM IS MAPPED ON THE 1:250 000 MAP SHEET 47E
11. Is the camp or any aspect of the project located on:  
☒ Crown Lands Permit Number (s)/Expiry Date: PENDING  
☐ Commissioners Lands Permit Number (s)/Expiry Date: \_\_\_\_\_  
☐ Inuit Owned Lands Permit Number (s)/Expiry Date: \_\_\_\_\_
12. Closest Communities (distance in km):  
IGLOOLILK, 100 KM TO THE SSW
13. Has the proponent notified and consulted the nearby communities and potentially interested parties about the proposed work? THE COMMUNITIES OF POND INLET, ARCTIC BAY AND IGLOOLILK WERE CONSULTED DURING THE WEEK 15-19<sup>th</sup> APRIL 2002, AS WELL AS OTHER INTERESTED PARTIES, WILDLIFE, HTO'S, DEPARTMENT OF SUSTAINABLE DEVELOPEMENT AND THE CANADA NUAVUT GEOSCIENCE OFFICE
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 SHOULD BE NO IMPACT ON TRADITIONAL WATER USE AREAS. DISTURBANCE TO WILDLIFE, SPECIFICALLY CARIBOU, SHOULD BE MINIMAL AS THE HELICOPTER SAMPLING WILL BE CARRIED OUT AFTER CALVING AND BEFORE MIGRATION. THE LOCAL HTO'S INDICATED THERE ARE NO LARGE HERDS IN THE WORK AREA

## PURPOSE OF THE CAMP

15. ☒ Mining  
☒ 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

NO DRILLING PLANNED FOR THE 2003 SEASON

18. Drilling Activities

NA

- ☒ Land Based drilling
- ☒ Drilling on ice

19. Describe what will be done with drill cuttings?

NA

20. Describe what will be done with drill water?

NA

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.

NA

22. Will any core testing be done on site? Describe.

NA

## SPILL CONTINGENCY PLANNING

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

YES, REFER TO APPENDIX, DBCEI OPERATING PROCEDURE 031

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

ONE LARGE SPILL KIT AT CAMP SITE (200L) AND 4 SMALLER KITS AT THE OUTLYING FUEL CACHES.

## WASTE TREATMENT AND DISPOSAL

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

☒ Camp Sewage (blackwater)

2 PIT PRIVY'S, SITUATED ON ESILER MATERIAL (I.E. SANDY GRAVEL)

☒ Camp Greywater

GRAVEL LINED SUMP, VOLUME OF SUMP 4 M<sup>3</sup>

☒ Solid Waste

BACKHAULED TO IGLOOLIK LANDFILL

☒ Bulky Items/Scrap Metal

NA

☒ Waste Oil/Hazardous Waste

BACKHAULED TO IGLOOLIK

☒ Empty Barrels/Fuel Drums

BACKHAULED TO IGLOOLIK, SEA-LIFTED TO MONTREAL.

☒ Other:

FLAT BATTERIES, RETURNED TO SUDBURY FOR DISPOSAL

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

NO INCINERATION INTENDED.

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

VERBAL AUTHORITY FROM IGLOOLIK TOWN COUNCIL HAS BEEN GIVEN, WRITTEN AUTHORIZATION PENDING. REFER TO DBCEI OPERATING PROCEDURE 022

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

SUMPS TO BE LOCATED IN SANDY MATERIAL, 730 M FROM WATER SOURCES, ADJACENT TO DRY TENT. VOLUME APPROXIMATELY 4 M<sup>3</sup>, SIDES SUPPORTED BY BOARDS AND GRAVEL LINED.

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?

REFER TO DBCEI OPERATING PROCEDURE 028 (USING AND HANDLING WATER)

## ABANDONMENT AND RESTORATION

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

REFER TO DBCEI OPERATIVE PROCEDURE 018 (ABANDONMENT OF EXPLORATION ACTIVITY)

## 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:

REFER TO APPENDIX PARAGRAPH 39

## 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.

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

JET A - 10 000 LITRES - DRUMS (200L)

DIESEL - 1 000 LITRES - DRUMS (200L)

PROPANE - 5 X 100 LBS CYLINDERS

MSDS SHEETS APPENDED

## WATER SUPPLY AND TREATMENT

26. Describe the location of water sources.

LAKE NEARBY INDICATED CAMP SITE

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

<input checked="" type="checkbox"/> Domestic Use:	<u>2000 LITRES</u>	Water Source:	<u>LAKE</u>
<input checked="" type="checkbox"/> Drilling Units:	<u>                    </u>	Water Source:	<u>                    </u>
<input checked="" type="checkbox"/> Other:	<u>                    </u>	Water Source:	<u>                    </u>

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

THE WATER WILL BE PUMPED FROM THE LAKE TO A 2000 LITRE HEADER TANK SITUATED AT THE CAMP. THE INTAKE WILL HAVE A COVERING AND A NON-RETURN VALVE. AN ELECTRICAL SUBMERSIBLE PUMP WILL BE USED.

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

THE QUALITY OF WATER USED IN THE CAMP WILL BE DETERMINED BY A SAMPLE PRIOR TO THE OCCUPANCY OF THE CAMP. HEALTH CANADA DRINKING WATER QUALITY GUIDELINES WILL BE APPLIED TO THE SAMPLE TO DETERMINE THE OVERALL POTABILITY OF THE WATER. THE WATER QUALITY WILL ALSO BE MONITORED AT THE END OF THE FIELD SEASON (LATE AUGUST) TO DETERMINE ANY CHANGES IN WATER QUALITY.

30. Will drinking water be treated? How?

WATER TREATMENT IS NOT ANTICIPATED.

THE WATER WILL HOWEVER PASS THROUGH A U.V. FILTER AND PARTICLE FILTER.

31. Will water be stored on site?

THE CAMP WILL HAVE A 2000L HEADER TANK SUPPLYING THE KITCHEN AND DRY TENTS