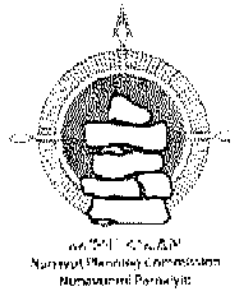


February 21, 2008

Leslie Payette  
Nunavut Impact Review Board  
P.O. Box 1360  
Cambridge Bay, NU  
FAX (867) 983-2574



Phyllis Beaulieu  
Nunavut Water Board  
P.O. Box 119  
Gjoa Haven, NU  
FAX (867) 360-6369

Dear Ms. Payette, Ms. Beaulieu,

**Re: [NWB 2BE-PCD0607] De Beers Canada – Prince of Wales Project**

The NPC has completed its review of the above noted project proposal. It conforms to the *North Baffin Regional Land Use Plan (NBRLUP)*, subject to the attached.

By this letter and additional enclosures, the NPC is forwarding the project proposal with this determination to NIRB for screening.

The applicant has undertaken to comply with the attached requirements. The authorizing agencies to which this letter is addressed are responsible under the *Nunavut Land Claims Agreement* to implement any of the attached requirements by incorporating the requirements directly, or otherwise ensuring that they must be met, in the terms and conditions of any authorizations issued.

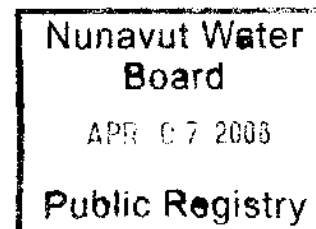
My office would be pleased to discuss with these agencies how best to implement these requirements and to review any draft authorizations that the agencies wish to provide for that purpose.

And, this conformity determination applies only to the above noted applications as submitted. Therefore, the proponent must ensure other applications for a permit under this project proposal not listed above are forwarded to NPC for a conformity determination against the NBRLUP, and notify the NPC immediately if any material to the project proposal is changed before authorizations are issued.

Yours Truly,

Bobby Suluk  
Regional Planning Coordinator, NPC

Cc: Todd McKinlay, De Beers Canada



Application # [NWB 2BE-PCD0607] De Beers Canada

**NUNAVUT PLANNING COMMISSION  
APPLICATION TO DETERMINE CONFORMITY  
WITH THE NORTH BAFFIN REGIONAL LAND USE PLAN**

*All applicants for a project proposal shall comply with the requirements listed below. The relevant sections of the plan are noted in each requirement.*

**GENERAL**

2. **Environmental Protection: s3.3.11.8:** The applicant undertakes to prevent any new occurrences of pollution, garbage and contamination at the site of the development.

Yes

No

3. **Removal of Fuel Drums: s3.3.11.8:** The applicant undertakes to remove all drums safely from the site and dispose of the drums in a safe manner.

Yes

No

4. **New Site Restoration and Clean Up: s3.3.11.1 and Appendix C, s1:** The applicant undertakes to clean up the site and restore the site to its natural condition to the greatest extent possible.

Yes

No

5. **Old Site Restoration and Clean Up: s3.3.11.2:** The applicant undertakes to clean up the site and restore the site to its original condition to the greatest extent possible, including any work required due to the applicant's action prior to this application.

Yes

No

6. **Low-Level Air Flights: Appendix C, s3:** Will the applicant avoid all low-level flights?

Yes

No

- i. If not, explain why such flights are or may be absolutely necessary.

May be necessary for possible  
airborne geophysics

- ii. If such flights are or may be absolutely necessary, will they avoid disturbance to people and wildlife?

Yes

No

- iii. If not, explain why it is not possible to avoid such disturbance.

## HERITAGE RESOURCES

10. **Reporting of Archaeological Sites:** s3.3.9.3 and Appendix C, s2 and s8; Will the applicant immediately report the discovery of all suspected archaeological sites to the Department of Culture, Language, Elders and Youth (GN)?

Yes

No

11. **Carving Stone Deposits:** Appendix C, s9. Will the applicant report any discoveries of carving stone deposits to the Qikiqtani Inuit Association?

Yes

No

19. Local Services and Local Employment: s3.3.7.4: Will the applicant rely on local services and employment where possible?

Yes

No

i. Describe the services retained and the people to be employed.

Teams based out of community  
if possible. Expediting services,  
groceries, accommodation

ii. If no, explain why it is not possible.

22. Code of Good Conduct for Land Users: Appendix C: The applicant undertakes to adhere to the code of Good Conduct at all times.

Yes

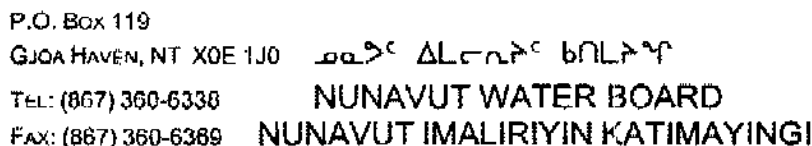
No

I, Matthew Petard (name of applicant), certify that the information I have given in this application is true and correct and hereby make the above undertakings which form part of my application for a project proposal within the meaning of the Nunavut Land Claims Agreement.

Date: Feb 20/08 Signature of Applicant: [Signature]

**North Baffin Regional Land Use Plan  
Appendix H  
Code of Good Conduct for Land Users**

1. The landscape of each camp and other land use sites will be restored to its original condition to the greatest degree possible. Water quality will be preserved and no substances that will impair water quality will be dumped in water bodies. When possible and feasible, old sites will be restored to the natural state.
2. All land users shall assist communities and government(s) in identifying and protecting archaeological sites and carving-stone sites, as required by law.
3. Generally, low-level flights by aircraft at less than 300 metres should not occur where they will disturb wildlife or people. If such flights are necessary, they should only take place after consultation with the appropriate communities. All land users are responsible for reporting to the land managers any illegal or questionable low-level flight.
4. All activities on the land will be conducted in such a fashion that the renewable resources of the area in question are conserved.
5. Whenever practicable, and consistent with sound procurement management, land users will follow the practice of local purchase of supplies and services.
6. Land users will establish working relationships with local communities and respect the traditional users of the land.
7. During the caribou calving, post-calving and migrating seasons, land use activities should be restricted to avoid disturbing caribou, in general, and activities will be governed more specifically by caribou protection measures such as those contained in Appendix I.
8. Artifacts must be left where they are found. All land users are responsible for reporting the location of, or any removal or disturbance of artifacts, to CLEY.
9. The mining industry is encouraged to assist in identifying local carving-stone deposits and report any discoveries to the QIA. Industry is also encouraged to identify and report old waste sites that need to be cleaned up.
10. All land users shall obey the laws of general application applying to land use.



## Page 1 of 8

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?

A Fly camp with arctic pop up tents will be set up. The camp will move 2-3 times and will spend 10-15 days at each location. There is no expected fluctuation in personnel.

8. Provide history of the site if it has been used in the past.

N/A

## CAMP LOCATION

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

Proposed for future field seasons:

For the Prince of Wales project, De Beers Canada Exploration Inc. intends to set up at least 2 temporary, portable fly camps for up to 10 tentatively located at: Fly camp-A: 73° 19.0' N and 98° 54.5' W; Fly camp-B: 72° 20.5' N and 98° 01.5' W. Both of the proposed temporary fly camps are situated adjacent to waterbodies.

For the Chartrand Lake project and Devon Island projects, De Beers Canada Exploration Inc. intends to set up at least 2 temporary, portable fly camps for up to 10 tentatively located at two of the following locations: For the Chartrand Lake project - Fly camp-A: 94°13.0'W and 69°42.5'N; Fly camp-B: 95°2.5'W and 69°46.5'N; Fly camp-C: 95°16'11"W and 70°45'50"N; Fly Camp-D: 92°54'15"W and 70°55'6"N; Fly Camp-E: 93°18'45"W and 70°29'6"N; For the Devon Island project - Fly camp-A: 75°26'00" N, 89°51'00" W; Fly camp B: 76° 18.0' lat. and 92° 18.0' long.

For the Cornwallis/Cape Osborn project, fly camps are not anticipated and activities will be based out of Resolute.

All proposed temporary fly camps are situated adjacent to waterbodies.

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.

For the Prince of Wales and Devon Island projects, all proposed tentative fly camp locations are located well inland on and near the centre of De Beers Canada Prospecting Permits in order to facilitate accessibility to sampling, geophysics, drill locations by helicopter.

For the Chartrand Lake project, all proposed tentative fly camp locations with the exception of Fly Camp-D are located well inland on Boothia Peninsula. These camp locations are positioned to facilitate accessibility to drill locations by helicopter.

For all projects, wildlife and heritage sites were also considered. Advice has been sought from Canadian Wildlife Services and the Department of Culture, Language, Youth and Elders in order to avoid disturbance of any heritage sights, calving or nesting areas and wildlife.

11. Is the camp or any aspect of the project located on:

☒ Crown Lands Permit Number

**Prince of Wales** Permit Numbers: 6317 and 6217 Expiry Date: 12/31/2009

**Chartrand** Permit Numbers: 4491 and 4498 Expiry 12/31/2009

**Devon Island** Permit Numbers: 6148 and 6068 Expiry 12/31/2009

**Cornwallis/Cape Osborn** 4491 and 4498 Expiry 12/31/2009 and 7196-7211

Expiry 12/31/2009

☐ Commissioners Lands Permit Number (s)/Expiry Date: \_\_\_\_\_

☒ Inuit Owned Lands Permit Number (s)/Expiry Date: \_\_\_\_\_

Q06L1C12 expiry October 1/08

KTL106C018 expiry June 26/08

12. Closest Communities (distance in km):

Prince of Wales - Resolute 130 km

Chartrand Lake - Taloyaok 10 km

Cornwallis - Resolute 60 km

Cape Osborn - Resolute 200 km

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

Representatives from De Beers Canada Inc. were in contact with the Mayor of Resolute by phone and in person last year. Further consultations are planned for this year.

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 of wildlife should be minimal. The geophysics, mapping and prospecting will be done in July and August. This is after calving and before migration.

## 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

18. Drilling Activities

- Land Based drilling
- Drilling on ice

19. Describe what will be done with drill cuttings?

Drill cuttings will be collected into plastic pails and flown back to Sudbury for storage and processing.

20. Describe what will be done with drill water?

The water will be controlled to ensure that it, and any drill cuttings are contained in a sump on land at least 31 metres from the ordinary high mark of any water body.

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.

Matex DD 2000

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

N/A

## SPILL CONTINGENCY PLANNING

23. Does the proponent have a spill contingency plan in place? Please include for review.  
Yes, please refer to the attached procedure RCD 064.

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

1 large spill kit of 200 L will be located near the fuel cache/helipad/airstrip. Absorbent padding will be kept in the helicopter. Additional absorbent padding will be kept in stock and on hand. A spill kit will also be kept at the drill rig.

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

No more than eighteen 45-gallon drums of Jet fuel B will be stored at one time.

No more than 4 100 lb propane cylinders

No more than 2 45 gallon drum of diesel (more if drilling)

#### WATER SUPPLY AND TREATMENT

26. Sources of water will be waterbodies located adjacent to proposed temporary fly camps. Both proposed temporary fly camps locations are situated on the shorelines of lakes.

Sources of water will be waterbodies located adjacent to proposed drill targets.

All proposed temporary fly camp locations are situated on the shorelines of lakes or streams and one (Fly Camp D) for the Chartrand Lake project, is located on the Gulf of Boothia.

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

- Domestic Use: 750 Water Source: Lake or Stream
- Drilling Units: 20000 Water Source: Lake or Stream – see attached
- 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:

A submersible pump is used with a 2 mm mesh screen to prevent entrainment.

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

Water quality will be tested at the start by Maxxam Analytics Inc. (Results will not be available before consumption)

30. Will drinking water be treated? How?

All water for camp is passed through a sediment filter and then a UV filter.

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)

Pit privy at least 31 meters from any body of water

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- Camp Greywater

Gravel lined sump at least 31 meters from any water body

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- Solid Waste

Back haul to Resolute for Prince of Wales and Devon Island Projects landfill

Back haul to Taloyaok landfill for Chartrand Lake Project

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- Bulky Items/Scrap Metal

Back Haul

---

- Waste Oil/Hazardous Waste
- 

- Empty Barrels/Fuel Drums

Back haul to Resolute for Prince of Wales and Cornwallis/Cape Osborn and Devon Island projects,  
back haul to Taloyaok for Chartrand Lake project then shipped back to Montreal

---

- Other:
- 

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

No incineration

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

Back haul to Resolute landfill for the Prince of Wales and Devon Lake projects  
Back haul to Taloyoak for Chartrand Project (unsure if permission was granted)  
Cornwallis/Cape Osborn based out of Resolute

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

The sump is located between the dry (shower) and the kitchen/mess tent at least 31m from the high level mark of the lake. The material is sandy gravel and the sump is fenced off.

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?

A procedure is in place for the Use and Handling of Water see OP 028.

Similar processes have been used at other projects in Nunavut. O&M problems are not likely to occur.

A Spill Contingency Plan is in place (RCD 064) should a spill occur outside the sump area.

## **ABANDONMENT AND RESTORATION**

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

See RCD 070.

## **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.