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April 11, 2001

To: Rita Becker  
Licensing Administrator  
Nunavut Water Board  
Gjoa Haven, NU

Nunavut Water  
Board

2012 2001

Public Registry

**Re: Tree River Area Mineral Exploration**

**NIRB: #01EN024**

NWB:#NWB2KIK0002

Enclosed is the completed NIRB Screening Decision Report for water use permit to conduct mineral exploration near Tree River in the Kitikmeot Region.

NIRB has screened this application for ecosystemic and socio-economic impacts of the proposal.

NIRB's indication to the Minister is: 12.4.4 (a) the proposal may be processed without a review under Part 5 or 6; NIRB may recommend specific terms and conditions to be attached to any approval, reflecting the primary objectives set out in Section 12.2.5.

Please contact the office at (867) 983-2593 if you have any questions about the Screening Report.

Yours truly,

Gladys Joudrey  
Nunavut Impact Review Board

INTERNAL

APR 11



## SCREENING DECISION

**Date: April 11, 2001**

Mr. Thomas Kudloo  
Chairperson, Nunavut Water Board  
Gjoa Haven, NT

Dear Mr. Kudloo:

**RE: Screening Decision of the Nunavut Impact Review Board (NIRB) on Application:  
NIRB 01EN024      NWB NWB2KIK0002      DIAND N2001C007  
Tree River Area Mineral Exploration – Rhonda Corporation**

**Authority:**

Section 12.4.4 of the Nunavut Land Claim Agreement states:

Upon receipt of a project proposal, NIRB shall screen the proposal and indicate to the Minister in writing that:

- a) the proposal may be processed without a review under Part 5 or 6; NIRB may recommend specific terms and conditions to be attached to any approval, reflecting the primary objectives set out in Section 12.2.5;
- b) the proposal requires review under Part 5 or 6; NIRB shall identify particular issues or concerns which should be considered in such a review;
- c) the proposal is insufficiently developed to permit proper screening, and should be returned to the proponent for clarification; or
- d) the potential adverse impacts of the proposal are so unacceptable that it should be modified or abandoned.

### Primary Objectives:

The primary objectives of the Nunavut Land Claims Agreement are set out in section 12.2.5 of the Land Claims Agreement. This section reads:

In carrying out its functions, the primary objectives of NIRB shall be at all times to protect and promote the existing and future well-being of the residents and communities of the Nunavut Settlement Area, and to protect the ecosystemic integrity of the Nunavut Settlement Area. NIRB shall take into account the well-being of the residents of Canada outside the Nunavut Settlement Area.

The decision of the Board in this case is 12.4.4 (a) the proposal may be processed without a review under Part 5 or 6; NIRB may recommend specific terms and conditions to be attached to any approval, reflecting the primary objectives set out in Section 12.2.5;

### **Reasons for Decision:**

NIRB's decision is based on specific considerations that reflect the primary objectives of the Land Claims Agreement. Our considerations in making this decision included:

- the impact of drilling activities on the ecosystem;
- disposal of drill cuttings and waste water;
- impact to water quality, aquatic habitat and wildlife and fish populations from chemicals, drill waste, drill fluids and potential fuel spills;
- storage and disposal of chemicals, fuel, garbage, sewage, and gray water, and impact of these on the ecosystem;
- the impact of noise from drilling activities and their disturbance to wildlife and traditional users of area;
- the impact of campsite and equipment on terrain;
- the impact of exploration activities on archaeological sites or cultural landmarks in the area;
- clean up/restoration of the camp site and drilling locations upon abandonment; and
- community concerns

### **Terms and Conditions:**

That the terms and conditions attached to this screening report will apply.

### **Drill Sites**

1. The Licensee shall not conduct any land based drilling within thirty (30) metres of the normal high water mark of a water body.
2. The Licensee shall conduct any the lake-based winter drilling, in accordance with the Interim Guidelines for On-Ice drilling.
3. The Licensee shall ensure that all drill cuttings are removed from ice surfaces.
4. The Licensee shall not use drilling muds or additives in connection with drill holes unless they are recirculated or contained such that they do not enter the water, or are certified to be non-toxic.
5. The Licensee shall ensure that any drill cuttings and waste water that cannot be re-circulated be disposed of in a properly constructed sump or an appropriate natural depression that does not drain into a waterbody.
6. The Licensee shall ensure that drilling wastes do not enter any water body. The use of biodegradable, salt free drill additives is encouraged over non-biodegradable types.
7. The Licensee shall ensure that the release of total suspended solids in the receiving environment shall be in compliance with *Guidelines for Total Suspended Solids* contained in the *Canadian Council of Ministers for the Environment's (CCME) Canadian Water Quality Guidelines, Chapter 3* - *Freshwater Aquatic Life* (i.e. 10mg/L for lakes with background level under 100mg/L, or 10% for those above 100mg/L).

8. The Licensee shall ensure that the sump/depression capacity is sufficient to accommodate the volume of waste water and any fines that are produced so that there will be no additional impacts.
9. The Licensee shall not locate any sump within thirty (30) metres of the normal high water mark of any water body.
10. The Licensee shall ensure that disturbance of vegetation from deposit of drill fluids/cuttings is restricted to the area of the sump and the ground prepared for revegetation upon abandonment.
11. The Licensee shall, where flowing water from bore holes is encountered, plug the bore hole in such a manner as to permanently prevent any further outflow of water. The occurrence shall be reported to the Nunavut Water Board and Land Use Inspector within 48 hours.
12. The Licensee when using explosives, shall follow the *Guidelines for the Use of Explosives In or Near Water* (DFO, 1998). If for any reason these guidelines cannot be followed, please contact DFO, as an authorization may be required.

#### Water

13. The Licensee shall ensure that all water intake hoses are equipped with a screen with an appropriate mesh size to ensure that there is no entrapment of fish. Refer to the *Freshwater Intake End-of Pipe Fish Screen Guideline* (DFO 1995).

#### Fuel and Chemical Storage

14. The Licensee shall ensure that fuel storage containers are not located within thirty-one (31) metres of the ordinary high water mark of any body of water.
15. The Licensee shall ensure that any chemicals, fuels or wastes associated with the project do not spread to the surrounding lands or enter into any water body.
16. The Licensee shall store all fuel in a natural depression and take all reasonable precautions to prevent the possibility of migration of spilled petroleum fuel or chemicals over the ground surface.
17. The Licensee shall have one extra fuel storage container on site equal to, or greater than, the size of the largest fuel container.
18. The Licensee shall examine all fuel and chemical storage containers daily for leaks. All leaks should be prepared immediately.
19. The Licensee shall seal all container outlets except the outlet currently in use.
20. The Licensee shall mark all fuel containers with the Licensee's name.
21. The Licensee shall dispose of all combustible waste petroleum products by incineration and removal from the site.
22. The Licensee shall control all activities, including maintenance procedures and vehicular refueling, to prevent the entry of petroleum products, debris, slash, rubble or other deleterious substances into the water.
23. The Licensee shall have emergency response and spill contingency plans in place prior to the commencement of the operation.

24. The Licensee shall immediately report all spills of petroleum and hazardous chemicals to the twenty four (24) hour spill report line at (867) 920-8130.

### **Waste Disposal**

25. The Licensee shall not discharge or deposit any refuse substances or other waste materials in any body of water, or on the banks thereof, which will impair the quality of the waters of the natural environment.
26. The Licensee shall not locate any sumps or areas designated for waste disposal within thirty (30) metres of the ordinary high water mark of any body of water, unless otherwise authorized.
27. The Licensee shall backfill and recontour all sumps to match the natural environment prior to the expiry date of the permit.
28. The Licensee shall incinerate all combustible and food wastes daily.
29. The Licensee shall keep all garbage and debris in a covered metal container until disposed of.
30. The Licensee shall ensure that all wastes generated through the course of the operation are backhauled and disposed of in an approved dumpsite.
31. The Licensee shall not bury any wastes.
32. The Licensee shall deposit all scrap metal, discarded machinery and parts, barrels and kegs, at an approved disposal site. Approval will be required from the Municipalities.

### **Wildlife**

33. The Licensee shall ensure that there is no damage to wildlife habitat in conducting this operation.
34. The Licensee shall not feed wildlife.
35. The Licensee shall make every effort to prevent the unintentional harassment of polar bears, Peary caribou, muskox and nesting or molting waterfowl at all times. It is an offense under the Wildlife Act to harass wildlife.
36. The Licensee shall use the latest bear detection and deterrent techniques to minimize man-bear interactions. The Licensee is strongly urged to contact the Department of Sustainable Development (DSD) wildlife officers regarding safety in polar bear country literature and training (Contact Brent Patterson, Regional Wildlife Biologist for details (867) 982-7244).
37. The Licensee shall immediately report problem wildlife to Department of Sustainable Development wildlife officers.
38. The Licensee shall ensure compliance with Section 36 of the Fisheries Act which requires that no person shall deposit or permit the deposit of a deleterious substance on any type in water frequented by fish or in any place under any conditions where the deleterious substance may enter such a water body.
39. The harmful alteration, disruption or destruction of fish habitat is prohibited under Section 35 of the Fisheries Act. No construction or disturbance of any stream/lake bed or banks of any definable watercourse is permitted unless authorized by DFO.
40. The Licensee shall not obstruct the movement of fish while conducting the land use operation.

41. The Licensee shall ensure that the drill sites avoid known environmentally sensitive areas (denning, nesting etc.) by a minimum of 250 metres.

### **Environmental**

42. The Licensee shall ensure that the land use area is kept clean and tidy at all times.
43. The Licensee shall prepare the site in such a manner as to prevent rutting of the ground surface.
44. The Licensee shall be required to undertake any corrective measures in the event of any damage to the land or water as a result of the Licensee's operation.
45. The Licensee shall not use any equipment except of the type, size and number that is listed in the accepted application.
46. The Licensee shall not move any equipment or vehicles unless the ground surface is in a state capable of fully supporting the equipment or vehicles without rutting or gouging.
47. The Licensee shall suspend overland travel of equipment or vehicles if rutting occurs.

### **Camp**

48. The Licensee shall not erect camps or store material on the surface ice of lakes or streams.
49. The Licensee shall locate all camps and storage facilities on gravel, sand or other durable land.

### **Archaeological**

50. The Licensee shall follow all terms and conditions for the protection and restoration of archaeological resources as outlined by the Department of Culture, Language, Elders and Youths (CLEY).

### **Reclamation**

51. The Licensee shall remove all scrap metal, discarded machinery and parts, barrels and kegs, buildings and building material upon abandonment.
52. The Licensee shall complete all clean-up and restoration of the lands used prior to the expiry date of the permit.
53. The Licensee shall plug or cap all bore holes and cut off any drill casings that remain above ground to ground level upon abandonment of the operation.

Apr-11-01 01:32P

2001-Apr-11 12:02pm From-NUNAVUTIMPACT REVIEW BOARD

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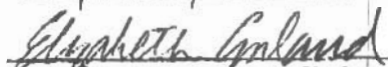
**Other Recommendations**

1. NIRB would like to encourage the proponent to hire local people and services, to the extent possible.
2. NIRB strongly advises proponents to consult with local residents regarding their activities in the region.
3. The proponent should establish a log for wildlife and archaeological sightings and instruct personnel in its use. All information regarding wildlife should be reported to Brent Patterson 8670982-7244. All information regarding archaeological sites should be sent to Brian Aglukark, Nunavut Planning Commission (867-979-1444) and Doug Stenton, Culture Language Elders and Youth (867-975-5500). As well as all information being passed on to the closest communities.
4. Any amendment requests deemed by NIRB to be outside the original scope of the project will be considered a new project.
5. The Environmental Protection Branch (DOE), Department of Fisheries and Oceans (DFO), Nunavut Impact Review Board (NIRB), and the Nunavut Water Board (NWB) should be advised of any material changes to plans or operating conditions associated with the project.

**Validity of Land Claims Agreement****Section 2.12.2**

Where there is any inconsistency or conflict between any federal, territorial and local government laws, and the Agreement, the Agreement shall prevail to the extent of the inconsistency or conflict.

Dated April 11/01 at Whale Cove, NU

  
Elizabeth Copland, A/Chairperson





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## NUNAVUT IMPACT REVIEW BOARD SCREENING FORM

## 1. General File Information on Screening

NIRB #: 01END24  
(yy•xxx)

Authorizing Agency #(s): DIAND #N20010007  
permit or licence #

Project Title: Tree River Area, Mineral Exploration  
Title of Project

Proponent: RHONDA CORPORATION  
Ms. Judy Stoeterau

Proponent's Address: RHENDA CORPORATION  
Suite B10, 540 - 5<sup>th</sup> Avenue S.W.  
Calgary, Alberta T2P 0M2  
Full Address

Contractor: \_\_\_\_\_  
 \_\_\_\_\_  
 Company / persons doing the work if different from the proponent  
 \_\_\_\_\_  
 \_\_\_\_\_  
 address and contact numbers

Proposed Dates of Activity: Start Date April-May 2001 End Date July 2003  
(yyyy-mm-dd) , (yyyy-mm-dd)

EA Starting Date: March 07, 2001  
Date application accepted (yyyy-mm-dd)

Date Application Referred for Comments: March 07, 2001  
(yyyy-mm-dd)

Deadline for Comments: April 02, 2001  
(yyyy-mm-dd)

NIRB's EA Indication: 12.4.4 (b)

Date of Indication: April 12, 2001  
(yyyymm-dd)

Project Cancelled: Yes, Give Reason \_\_\_\_\_

Comments: \_\_\_\_\_



**2. Authorizing Agencies**

Authorizing Agency(ies): Kivalliq I.A., Kitikmeot I.A., QIA, NWB, NWMB, DIAND, DFO, DOE, NRI, RWED, Other: \_\_\_\_\_

Authorizing Agency Contact Person: Sandra Bradbury, DIAND Yk  
(office where project file is located, contact person, number)

Land Status: Inuit Owned \_\_\_\_\_ Crown ☒ Commissioner's \_\_\_\_\_ Marine Areas \_\_\_\_\_

Type of Application: land use permit  
(e.g. water licence, land use permit, quarry permit, research permit, lease, reserve)

Type of Approval being sought: new  
(e.g. new, renewal, amendment, cancellation)

Other required approvals, permits or licences: \_\_\_\_\_  
(e.g. water licence, land use permit, quarry permit, lease, reserve)

Present Authorizations (active): #NWB2K1K002  
(file number)

Previous Authorizations (inactive/expired): #N97C753  
(file number)

**3. Project Location**

Kivalliq \_\_\_\_\_ Kitikmeot ☒ Baffin \_\_\_\_\_

Land Use Planning Region: Kitikmeot  
(e.g. West Kitikmeot, North Baffin, South Baffin, Kivalliq)

Geographic Place Name: Tree River  
(nearest place name or geographic feature)

Local/Traditional Name: \_\_\_\_\_

National Topographic Sheet (NTS) Number: 861114 Scale: 1:250,000

Latitude/Longitude: 67°00'N, 113°08'W → 67°02'N, 113°08'W  
(degrees, minutes seconds)

Drainage Region and Watershed: TREE RIVER  
(nearest creek, river or lake system)

Nearest Settlement: KUGLUKTUK

Adjacent Settlement/Out-post camps: \_\_\_\_\_

Special Designation: \_\_\_\_\_  
(Yes/No - e.g. Heritage River, Wildlife Reserve, Park)

Does the project have Nunavut transboundary implications? Yes \_\_\_\_\_ No ☒

If yes, what additional procedures/contacts are needed? \_\_\_\_\_

**4. Project Description and Assessment**

Physical Work, Activity(ies): drilling, camp  
 (drilling, construction, camp, research, water works, installation, modification, maintenance)

Multiple Activities: Yes ☒ No ☐

Project Category Code: Point ☐ Multiple Points ☐ Linear ☐ Area ☒

Phase of Project: exploration  
 (exploration, bulk sampling, development, operations, decommissioning, abandonment, restoration)

**Project Description Summary (non-technical):**

(duration of project, size of project, number of personnel on site, related physical activities, machinery used, fuels and chemical use and storage associated infrastructure, methods of transportation, amount and source of resources needed eg Gravel)

Attach Project Overview (English and Inuktitut)

**Alternatives Considered:**

(list all alternatives to the project and/or components of the project to avoid unnecessary amendments, (e.g. alternatives to location of ice road or camp logistics))

**5. The Proponent's Public Consultation Process****Description of Proponent's Public Consultation Process**

Kugluktuk, Mayor, Hamlet Council, HTA (2000, 2001)  
- elders site visit planned (2001)

Cambridge Bay - Mayor, GDO, KEIT, NIRB (August 2000)

Did proponent make use of traditional knowledge? Yes ☐ No ☐

Was information available in the community's preferred language? Yes ☒ No ☐

In NIRB's opinion, was the proponent's public consultation adequate? Yes ☒ No ☐

If no, explain why the proponent's consultation program was found deficient.

FEB-23-2001 FRI 07:43 PM DE BEERS CANADA

FAX NO. 8678734532

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## DE BEERS CANADA EXPLORATION INC. KIKERK LAKE (KIKKIKTALIK) PROJECT SUMMARY

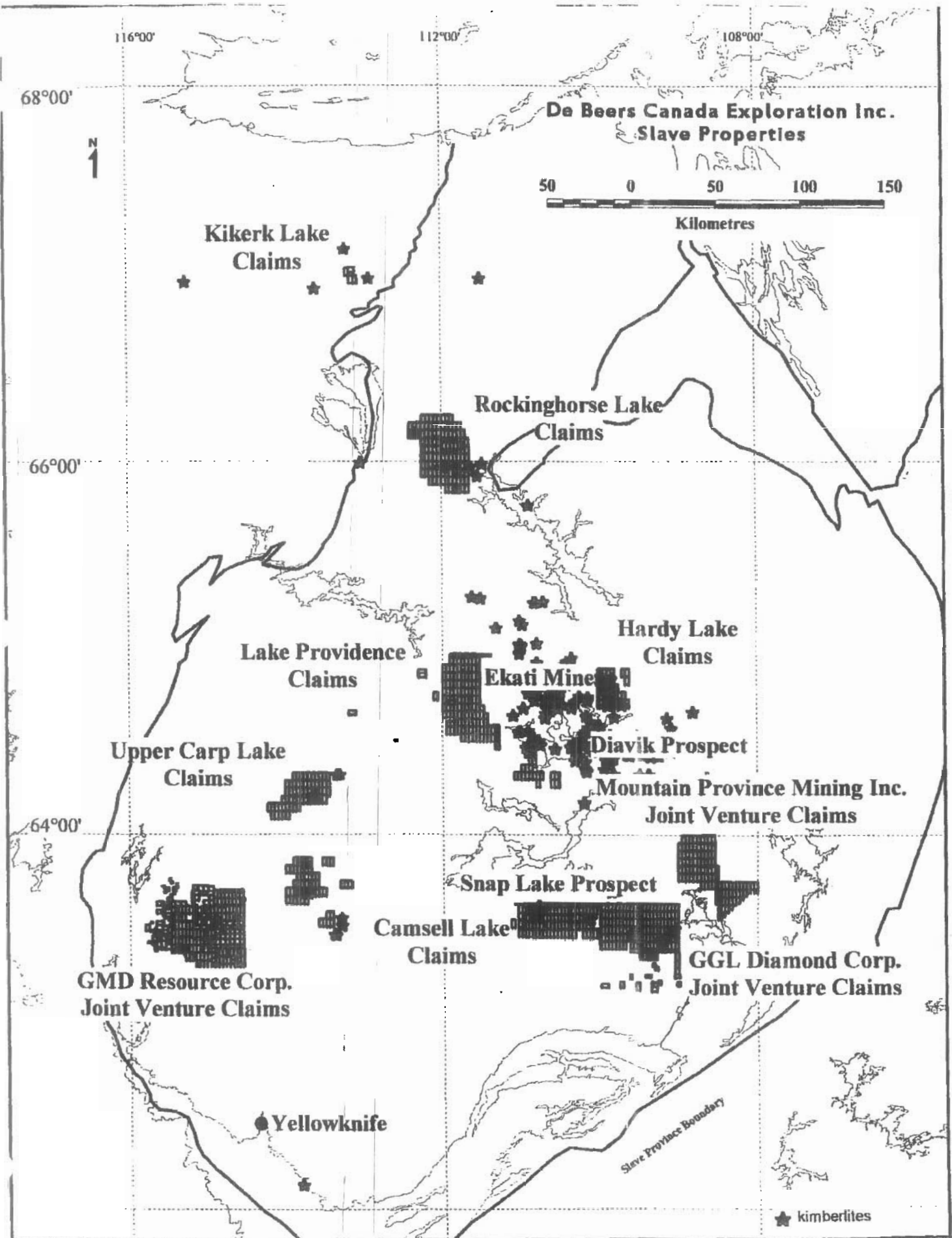
From 1993 until the present, De Beers Canada Exploration Inc. (formerly called Monopros Limited), a Canadian diamond exploration company, has prospected and explored in the Kikerk Lake (Kikkiktalik) area from our regional office in Yellowknife. An airborne geophysical survey was flown across the region in 1993 and 111 mineral claims were staked in NTS 86 I/14-15, 86P/02-03 and 86P/06-07. No claims were situated on Inuit-Owned Lands. Glacial sediment sampling was carried out in 1993 and 1994, and followup sampling and airborne surveying in 1996. By 1997, when application was made for a Land Use Permit, the number of claims was down to 71. Monopros obtained both a Crown Land Use Permit and a Nunavut Water Licence in 1997, in order to conduct exploration drilling, but that programme did not actually occur until summer, 2000. In 2000, three boreholes were drilled into and on the shore of a small lake, known informally as "Knife Lake", which straddles De Beers' claim Kl. 12 and Rhonda Mining Corporation's *Tree 1* claim. Today, only a few claims remain from De Beers' original KL claimblock.

De Beers Canada Exploration would like to continue diamond exploration in this area (NTS 86 I/14 and 86P/03). A new water licence was obtained from the Nunavut Water Board last year. De Beers also has an agreement in place with Rhonda Mining to continue prospecting and drilling on its *Tree 1* claim, which also lies on Crown land.

De Beers Canada Exploration would like to drill approximately five core holes to delineate the "Knife Lake" kimberlite in the *Tree 1* claim, commencing on or about 01 April, 2001 and concluding on or about 01 May, 2001. No camp will be established on the Kikkiktalik Property; fuel will be cached at each drillsite, as required, and drillers and geologists and a local camp attendant will commute from Kugluktuk.

De Beers Canada Exploration hopes to gain more information about the kimberlite intersected last year and to find and prove other kimberlites within the exploration area, and in doing so, intends to continue working co-operatively with regulators and the people of the Kitikmeot.

If results are promising, followup sampling, surveying and drilling could continue over the next several years.



**Map 1**

## 6. Description of the Environment

### Description of Biophysical Environment

In early spring, barren-ground caribou of the Bathurst herd migrate eastward through this area to calve in the region to the east of Bathurst Inlet. In late summer caribou move westward in a movement that takes them to wintering areas in the forest.

see attached maps provided.

### Description of Socio-Economic and Cultural Environment

Coppermine residents occasionally hunt caribou in winter and wolf and wolverine in spring. Trappers occasionally extend winter traps into the area.

Other mineral exploration occurring in the area

**7. NIRB's Consultation Process**Date application referred for comments: March 07, 2001

(yyyymm-dd)

Deadline for comments: April 02, 2001

(yyyymm-dd)

Distribution List:

Contact Person:

Date comments received:

**NUNAVUT:**

☒ NTI  
☐ QIA  
☐ Kivalliq I.A.  
☒ Kitikmeot I.A.  
☒ NPC  
☒ NWB  
☐ NWMB  
☐ RWO  
☒ Inuit Heritage Trust  
☒ Community(s)  
 Hamlet Kugluktuk  
 HTO Kugluktuk  
 Other? ☒

**FEDERAL:**

☒ DIAND  
☒ DFO  
☒ DOE  
☐ Heritage Can.  
☐ Natural Resources  
☐ Other? (eg. Health  
 DOT, DND)

Green, Rick  
Lawrence, Ignace

March 5/01  
April 2/01

**GOVERNMENT OF NUNAVUT:**

☒ Sustainable Dev.  
☒ CGHT  
☒ HSS  
☒ CLEY  
☐ Other?

Chris NicholsApril 4/01**TRANSBOUNDARY PARTIES****OTHER PARTIES**CBC

## Identification of Project Activities and Environmental Effects

Identify all activities of the project under screening and their potential adverse environmental effects.

### Project Activities

(✓ check all the items appropriate to this project)

- ☐ access road
  - ☐ winter
  - ☐ construction
  - ☐ abandonment/removal
  - ☐ modification e.g., widening
- ☒ automobile, aircraft or vessel movement
- ☐ blasting
- ☐ burning
- ☒ burying
- ☐ channelling
- ☐ construction
  - ☐ building
  - ☐ shed/warehouse
  - ☐ landing strip
- ☐ cut and fill
- ☐ removal of vegetation
- ☐ dams and impoundments
  - ☐ construction
  - ☐ abandonment/removal
  - ☐ modification
- ☐ ditch construction
- ☐ drainage alteration
- ☐ drilling other than geoscientific
- ☐ ecological surveys
- ☐ excavation
- ☐ explosive storage
- ☒ fuel storage
- ☒ garbage
  - ☐ disposal of hazardous waste
  - ☒ disposal of sewage or grey water
  - ☒ disposal of solid waste
- ☒ geoscientific sampling
  - ☐ trenching
  - ☒ diamond drill
  - ☐ borehole core sampling
  - ☐ bulk soil sampling
- ☐ quarry
- ☐ hydrological testing
- ☐ over/ stream/ lake crossing/ bridging
- ☐ site restoration
  - ☐ fertilization
  - ☐ grubbing
  - ☐ planting/ seeding
  - ☐ scarification
  - ☐ spraying
  - ☐ recontouring
- ☒ soil testing
- ☐ topsoil, overburden or soil
  - ☐ fill
  - ☐ disposal
  - ☐ removal
  - ☐ storage
- ☐ tunnelling/ underground
- ☐ other, explain \_\_\_\_\_

☒ possibility for accidents or malfunctions. Describe.

Fuel spillage

\_\_\_\_ effects of environment on project (e.g., flooding).  
Describe. \_\_\_\_\_

### Project Effects

(✓ check all the items appropriate to this project)

#### Directly-related Socio-Economic & Cultural Effects:

1. ☒ impact to hunting / trapping / fishing
2. ☐ impact on:
  - ☐ women
  - ☐ men
  - ☐ children
  - ☐ elders
3. ☒ impact to traditional use or traditional use area
4. ☐ impact to outfitters
5. ☐ impact on recreational use
6. ☐ impact on family structure
7. ☐ impact to community health
8. ☐ change in community economics
9. ☐ change in community housing or infrastructure
10. ☐ impact to industry
11. ☐ change in regional transportation
12. ☒ impact to archaeological or cultural landmarks
13. ☐ impact on beauty of the landscape
14. ☐ other, explain \_\_\_\_\_

#### Biophysical Environment Effects

15. ☐ deposit into surface or ground water
16. ☐ deposit to marine environment
17. ☐ change in surface or ground water flow
18. ☐ change in water temperature
19. ☐ change in drainage pattern
20. ☐ change in air quality
21. ☐ change in air flow
22. ☐ micro-climate change
23. ☐ ice fog
24. ☒ change in ambient noise level
25. ☒ deposit onto ground surface (Slump)
26. ☐ change in slope stability
27. ☐ change in soil structure
28. ☐ alteration of permafrost regime
29. ☐ destabilization/erosion
30. ☐ soil compaction
31. ☐ change in access to renewable resources
32. ☐ depletion of non-renewable resource
33. ☐ removal of rare/endangered plant species
34. ☐ introduction of species
35. ☐ toxin, heavy metal accumulation
36. ☐ removal of rare/endangered wildlife species
37. ☐ change in wildlife health
38. ☒ impact to large mammals
39. ☐ impact to small mammals
40. ☒ impact to fish
41. ☒ impact to birds
42. ☐ impact to other wildlife
43. ☒ impact in a calving, nesting, staging or spawning area
44. ☐ removal of wildlife buffer zone
45. ☐ change in wildlife habitat/ecosystem
46. ☐ other, explain \_\_\_\_\_





9. **Cumulative Effects: Identification of Other Resources Used in the Area.** Identify past, current and future (pending applications) physical works and activities in the area (for the proponent, other proponents and nearby communities) and their potential adverse environmental effects.

#### Other Resource Uses

(✓ check all the items appropriate to this project)

##### ✓ harvesting

— marine mammals

✓ land mammals

✓ fur bearers

✓ birds

— shellfish

— plants

— berries

— fish

##### ✓ mining

✓ exploration

— open pits

— underground

— off-shore

— mineral processing

— industry \_\_\_\_\_ (type)

— quarries

— carving stone

— aggregate

— transportation/communications

— airport / landing strip

— roads/access routes

— shipping

— channels/canal

— telephone lines, satellite dishes, cables

— beacons

— waste disposal (solid, liquid or gas?)

— energy project

— hydro

— pipeline

— transmission line

✓ other water licenses, permits, leases

✓ lands

✓ Inuit owned

— surface rights

— sub-surface rights

✓ Crown

— Commissioner's

— Marine Areas

— other private lands held under tenure

— heritage sites or archaeological sites

— recreation (eg. cabins, tent frames)

— tourism

— municipal (construction)

— commercial

— built structures

— infrastructure

— agriculture

— forestry

— other, explain \_\_\_\_\_

#### Effects from Other Resource Uses

(✓ check all the items appropriate to the scope of this project)

#### Directly-related Socio-Economic & Cultural Effects:

1. — impact to hunting / trapping / fishing

2. — impact on: — women

— men

— children

— elders

3. — impact to traditional use or traditional use area

4. — impact to outfitters

5. — impact on recreational use

6. — impact on family structure

7. — impact to community health

8. — change in community economics

9. — change in community housing or infrastructure

10. — impact to industry

11. — change in regional transportation

12. — impact to archaeological or cultural landmarks

13. ✓ impact on beauty of the landscape

14. — other, explain \_\_\_\_\_

#### Biophysical Environment Effects

15. — deposit into surface or ground water

16. — deposit to marine environment

17. — change in surface or ground water flow

18. — change in water temperature

19. — change in drainage pattern

20. — change in air quality

21. — change in air flow

22. — micro-climate change

23. — ice fog

24. — change in ambient noise level

25. — deposit onto ground surface

26. — change in slope stability

27. — change in soil structure

28. — alteration of permafrost regime

29. — destabilization/erosion

30. — soil compaction

31. — change in access to renewable resources

32. — depletion of non-renewable resource

33. — removal of rare/endangered plant species

34. — introduction of species

35. — toxin/heavy metal accumulation

36. — removal of rare/endangered wildlife species

37. — change in wildlife health

38. ✓ impact to large mammals

39. — impact to small mammals

40. ✓ impact to fish

41. ✓ impact to birds

42. — impact to other wildlife

43. ✓ impact in a calving, nesting, staging or spawning area

44. — removal of wildlife buffer zone

45. — change in wildlife habitat/ecosystem

46. — other \_\_\_\_\_

**10. Cumulative Environmental Effects**

Based on a comparison of effects identified in #8 and #9.

Matching Number(s)

Description of Cumulative Environmental Effects

Other mineral exploration in the area and past exploration activities in the area may have effect on wildlife and beauty of the landscape.

**NO** Will the project make large demands on non-renewable energy sources?**NO** Will the project encourage further developments within the current project or other developments (other similar projects, energy development, generation, petroleum development and extraction, the building of additional roads)?**NO** Will the project encourage a "boom-bust" economy over an economy of permanence?**NO** Will the project encourage more wildlife harvesting on account of better access for hunters and fishers?**NO** Will the project have an effect on the water quality of the watershed?**NO** Will the project have a significant effect on existing land uses?**11. Mitigation Measures**

For each environmental effect identified in #8, #9 and #10, describe the required mitigation measures.

Number(s)  
(as identified  
in #8, #9 & #10)

Description of Mitigation Measures

See Screening Decision Report

**12. Significance**

After taking into account the mitigation measures identified in #11, are any of the residual, adverse environmental effects significant?

☐ Yes ☐ No

If yes, identify which one(s), and proceed to #13; if no proceed to # 14.

Number(s) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**13. Likelihood of Occurrence**

Of the significant, residual, adverse environmental effects identified in #12, are any likely to occur?

☐ Yes ☐ No

Number(s) \_\_\_\_\_  
\_\_\_\_\_

**14. Information Sources**

What sources of information were used in the screening process?

- ☒ local knowledge
- ☒ traditional ecological knowledge
- ☒ land use plans (and draft land use plans)
- ☒ authorizing agencies' data
- ☒ departmental or agency opinions
- ☒ maps
- ☐ photos
- ☒ reports (scientific, economic, social, or anthropological, archival or historical information)
- ☐ Nunavut Environmental Database (NED)
- ☒ personal communications
- ☐ Project Registry (NPC)
- ☒ previous similar projects
- ☐ service organizations
- ☐ media monitoring
- ☐ experts
- ☐ other \_\_\_\_\_

For information sources identified above, provide contact person and/or information location (for future follow-up): \_\_\_\_\_

# 15. Staff Recommendations

Staff Recommendations: (include rationale)

The project should have little or no significant environmental effects if the Terms & conditions are adhered to.

Prepared By: Gibby Soudky Date: April 5, 2001  
Screeners (yyyy-mm-dd)

# 16. NIRB'S Principles

- ☐ The project has significant adverse effects on the ecosystem, wildlife habitat or Inuit harvesting activities.
- ☐ The project may have significant adverse socio-economic effects on northerners.
- ☐ The project will cause significant public concern.
- ☐ The project involves technological innovations for which the effects are unknown.
- ☒ The project **does not** have significant effects or concerns.

# 17. Indication to the Minister (12.4.4)

N.B. Transfer this information to Box 1: "EA Indication" and "Date of Indication".

- ☒ a) the proposal may be processed without a review under Part 5 or 6; NIRB may recommend specific terms and conditions to be attached to any approval, reflecting the primary objectives set out in Section 12.2.5;
- ☐ b) the proposal requires review under Part 5 or 6; NIRB shall identify particular issues or concerns which should be considered in such a review;
- ☐ c) the proposal is insufficiently developed to permit proper screening, and should be returned to the proponent for clarification; or
- ☐ d) the potential adverse impacts of the proposal are so unacceptable that it should be modified or abandoned.

pr-11-01 01:32P

2001-Apr-11 12:02pm From-NUNAVUTIMPACT REVIEW BOARD

+8679832594

T-613 P.004/007 F-106

12

18. Terms and Conditions

If the determination is "++" i.e., NIRB's terms and conditions include those listed in the Screening Decision Report.

Specific Terms and Conditions to note include:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

19. Authorization

Approved By: Elizabeth Garland Date: April 11/01  
(NIRB Decision Maker) (Signature)

20. Follow-up / Monitoring

Minister's Determination

\_\_\_\_ Minister agreed with NIRB's indication.  
Action: \_\_\_\_\_

\_\_\_\_ Minister varied NIRB's indication.  
Action: \_\_\_\_\_

\_\_\_\_ Minister rejected NIRB's indication  
Action: \_\_\_\_\_

If applicable,  
\_\_\_\_ Is a follow up/monitoring program required? If yes, give details.  
\_\_\_\_\_

\_\_\_\_ Has screening report information been added to NIRB's GIS/Caiyx system?  
\_\_\_\_\_



Environment  
Canada

Environnement  
Canada

Environmental Protection Branch  
Qimugjuk Building, P.O. Box 1870  
Iqaluit, NU X0A 0H0  
Tel: (867) 975-4639  
Fax: (867) 975-4645

April 1, 2001

Our file: 4704-000

Gladys Joudrey  
Environmental Assessment Officer  
Nunavut Impact Review Board  
Qimugjuk Building, P.O. Box 1870  
Iqaluit, NU X0A 0H0

Fax: (867) 983-2594

**Re: Comments on Land Use Permit NIRB#01EN024 - Rhonda Corporation. - Mineral Exploration at Tree River, Kitimeot, NU.**

On behalf of Environment Canada (EC), I have reviewed the above noted Land Use Permit NIRB#01EN024. The comments provided for the above land application have been made under Section 36 of the *Fisheries Act*, the *Canadian Environmental Protection Act* (CEPA) and the *Migratory Birds Convention Act* (MBCA).

Rhonda Corporation, has proposed to conduct exploratory diamond drilling on Knife Lake. The drilling program will consist of five core holes. Drilling will commence in April and will be completed in May of 2001. No camp will be associated with the proposed drill program. The crew consisting of approximately 14 people will commute on a regular basis from Kugluktuk.

#### Comments and Recommendations

The *Canadian Environmental Protection Act* is in the final stages of the assessment of CaCl as a toxic substance. It is recommended during on land based drilling, that sump closure measures include documentation of effects on vegetation for holes which used CaCl as an additive. The proponent must ensure that such sumps are a sufficient distance from water to avoid runoff into streams or lakes.

The proponent neglected to:

- include a spill contingency plan;
- state that all spills are to be documented and reported to the NWT Spill line (403) 920-8130;
- provide a list of all hazardous materials that may be used during the program;
- indicate if spill kits are to be used at the drill and fueling areas;
- indicate if drill additives are to be used during the program;
- include the estimated volume of water to be used for drilling purposes;
- include location of fuel storage in relation to water, for aircraft and drilling uses;
- include the volume and location of sumps for drilling activities.

The following conditions should be applied to the proposed land permit throughout all phases of the project.

- The proponent shall ensure that any drill cuttings, chemicals, fuel or wastes associated with the proposed project do not enter waters frequented by fish. All sumps, spill basins and fuel caches should be located in such a manner that the contents do not enter a waterbody.
- EC encourages proponents, when storing barreled fuel at a location, to use a secondary containment rather than relying on "natural depressions". Self supporting insta-berms are

Canada





available from various suppliers within Canada.

- Drilling additives or muds shall not be used in connection with holes drilled through the lake ice unless they are re-circulated or contained such that they do not enter the water, or demonstrated to be non-toxic.
- For "on-ice" drilling, return water released to the lake must be non-toxic, and not result in an increase in total suspended solids in the immediate receiving waters of the lake above the Canadian Council of Ministers for the Environment Guidelines for the Protection of Freshwater Aquatic Life (ie. 10mg/L for lakes with background levels under 100 mg/L, or 10% for those above 100mg/L).
- No disturbance of the bed or banks of any definable watercourse is permitted. Special efforts must be made to avoid bed and bank disturbance during the spring.
- If artesian flow is encountered, drill holes shall be plugged and permanently sealed immediately.
- Recommend the use of an approved incinerator for the burning solid wastes.
- Ensure the treatment of hazardous and solid wastes at an appropriate disposal facility ie. Yellowknife;
- The permittee shall not erect camps or store material on the surface ice of streams or lakes.
- Environment Canada should be notified of changes in the proposed or permitted activities associated with this land use permit.

Please do not hesitate to contact me with any questions or comments with regards to the foregoing at (867) 975-4639 or by email at [lawrence.ignace@ec.gc.ca](mailto:lawrence.ignace@ec.gc.ca).

Yours truly,



Lawrence Ignace  
Environmental Assessment Specialist

cc: (Paula Pacholek, Northern Environmental Assessment Coordinator, Yellowknife)

MAR-08-01 14:04 From:DIAND WATER RESOURCES

1-867-669-2716

T-822 P.02/03 Job-184



Indian and Northern Affairs Canada  
Affaires indiennes et du Nord Canada

Water Resources Division  
Regulatory Approvals Section  
P.O. Box 1500  
Yellowknife, NT

Telephone: (867) 669-2656  
Facsimile: (867) 669-2716

Your file Votre référence

NIRB#01EN024  
Our file Notre référence

March 08, 2001

Nunavut Impact Review Board  
P.O. Box 2379  
Cambridge Bay, NU X0E 1L0  
Fax: (867) 983-2594

**ATTENTION: Gladys Joudrey, Environmental Assessment Officer**

**RE: Land Use application : NIRB # 01EN024 - Rhonda Corporation - land use application for mineral exploration at Tree River**

The Water Resources Division, Yellowknife, has reviewed the above noted land use permit application and supporting documentation, and has provided some additional comments on your attached screening comment form, as well as in this letter. Based on the information presented, there do not appear to be any water related concerns of significance. Drill cuttings from on ice drilling activity should be removed, and disposed of into an approved onshore sump or other waste facility. The company should ensure that fuel storage areas are properly lined or bermed and at least 30 metres away from any water bodies. There do not appear to be any water licensing requirements for this specific project as presented, given that no camp is required, and it is assumed that reference to an existing Nunavut water licence and land use permit do not apply to this drilling project, but rather to adjoining or ongoing exploration activities.

Please recommend the use of general land use and environmental terms and conditions to address all other concerns. If there are any questions or comments regarding the above, please contact me at (867) 669-2656.

Sincerely,

Greg Cook  
Environmental Assessment Coordinator  
Water Resources Division

cc. Nunavut District

Canada

MAR-08-01 14:04 From:DIAND WATER RESOURCES

1-867-669-2711

T-822 P.03/03 JOB-184

41-Mar-01 05:26pm From-NUNAVUT IMPACT REVIEW BOARD

3(3)

## COMMENT FORM FOR NIRB SCREENINGS

The Nunavut Impact Review Board has a mandate to protect the integrity of the ecosystem for the existing and future residents of Nunavut. In order to assess the environmental and socio-economic impacts of project proposals, NIRB would like to hear your concerns, comments and suggestions about the following project application:

Project Title: Mineral Exploration at Tree River  
 Proponent: Rhonda Corporation  
 Location: Tree River, NIRB#: 01EN024  
 Comments Due By: Monday, April 02, 2001

## Indicate your concerns about the project proposal below:

- |                                                           |                                                                 |
|-----------------------------------------------------------|-----------------------------------------------------------------|
| <input type="checkbox"/> no concerns                      | <input type="checkbox"/> traditional uses of land               |
| <input checked="" type="checkbox"/> water quality         | <input type="checkbox"/> Inuit harvesting activities            |
| <input type="checkbox"/> terrain                          | <input type="checkbox"/> community involvement and consultation |
| <input type="checkbox"/> air quality                      | <input type="checkbox"/> local development in the area          |
| <input type="checkbox"/> wildlife and their habitat       | <input type="checkbox"/> tourism in the area                    |
| <input type="checkbox"/> marine mammals and their habitat | <input type="checkbox"/> human health issues                    |
| <input type="checkbox"/> birds and their habitat          | <input type="checkbox"/> Other: _____                           |
| <input type="checkbox"/> fish and their habitat           |                                                                 |
| <input type="checkbox"/> heritage resources in area       |                                                                 |

## Please describe the concerns indicated above:

- very minor - but still cutting should be removed, & disposed of onshore - perhaps consider other drilling guidelines, remove all structures & debris from ice etc.

## Do you have any suggestions or recommendations for this application?

- usual recommendation to ensure fuel storage is 730 metres from water, fuel caches preferably lined or buried, & note requirement to report all spills.

Do you support the project proposal? YES ☒ NO ☐  
 Any additional comments?

- previous screening reports (if any) for adjoining permits etc. could be looked at as well, for mitigation measures etc.

Name of person commenting: GREG COOK of Water Resource  
 Position: Env'l Assess. Coord'r Organisation: DIAND YK  
 Signature: Greg Cook Date: March 08, 2001

## DEPARTMENT OF SUSTAINABLE DEVELOPMENT

### ENVIRONMENTAL PROTECTION SERVICE

#### STANDARD RECOMMENDATIONS FOR LAND USE APPLICATIONS (AS APPLICABLE)

##### **Spill Contingency Plan**

The applicant should have a contingency plan for responding to chemical and petroleum spills which might occur during the proposed activity. The plan should include a list of available spill response equipment and the names of trained personnel who will be on-site and available in the case of a spill.

The proponent is referred to DSD's *Spill Contingency Planning and Reporting Regulations* and *A Guide to the Spill Contingency Planning and Reporting Regulations*.

##### **Fuel Storage**

To prevent spreading in the event of a spill, fuel stored in drums should be located, whenever practical, in a natural depression a minimum distance of 90 feet from all streams, preferably in an area of low permeability. All fuel storage containers should be situated in a manner that allows easy access and removal of containers in the event of leaks or spills. Large fuel caches in excess of 20 drums, should be inspected daily.

##### **Chemical Storage**

All chemicals should be stored in a safe and chemically-compatible manner a minimum of 90 feet from all bodies of water. The applicant should be required to remove unused chemicals for reuse or disposal to an approved site using methods approved by the Land Use Inspector. Material safety data sheets (MSDS) should be provided for each chemical and be posted in a central location; accessible by all camp personnel. Camp personnel should be conversant in the handling of these chemicals as well as able to deal with any accidents or spills.

##### **Location of Hazardous Materials**

Hazardous materials stored on-site should be marked so they will be visible under all conditions, in all seasons. This recommendation is intended to help prevent possible injuries to camp personnel and/or damage to the containers. Unless otherwise specified by the land use inspector or licence-issuing agency, all hazardous materials should be removed from the site upon completion of the activity. The proponent is referred to DSD's *Environmental Guideline for the General Management of Hazardous Waste*.

##### **Waste Oil/Waste Fuel Disposal**

Waste oil and waste fuel should be removed and returned for recycling when the land use activity is completed. Alternative methods of disposal that provide an equivalent level of environmental protection will be considered on a case by case basis.

## **Used Drums**

Used fuel and oil drums should be removed from the site, returned for deposit, or reused.

## **Contaminated Soils**

Soil contaminated by fuel (e.g., soils under an old storage tank) should be treated on site or removed to an approved disposal site and replaced with new soil. The proponent is referred to DSD's *Environmental Guideline for Site Remediation*.

## **Winter Roads**

Existing winter road routes and trails should be used whenever possible, to avoid unnecessary land clearing.

## **Drill Sumps**

The sumps should only be used for inert drilling fluids, not any other materials or substances. The sumps should be properly closed out.

## **Garbage Disposal**

Garbage should be removed from the camp periodically; alternatively, all combustible wastes can be incinerated on site and non-combustibles collected and removed upon termination of the activity or periodically.

### Incineration

For camps of less than 10 people, it is recommended that a draught barrel be employed to burn wastes. A draught barrel is essentially a 45 gallon drum or equivalent, with a hole in the bottom to facilitate air intake, and is closed at the top with a lid and a chimney for the exhaust. EPS does not consider burning wastes in a draught barrel to be true incineration, however, for small camps, this is an acceptable means to deal with camp wastes. The draught barrel should be operated so that a high temperature burn is maintained at all times. This will promote complete combustion and eliminate pollutant and odor concerns.

For camps of more than 10 people, it is recommended that a forced air incinerator be used to manage wastes. Once again maintaining a high temperature burn to reduce wastes is imperative.

Kitchen wastes, cardboard, paper products, packaging and untreated wood wastes are suitable for burning in a draught barrel and a forced air incinerator. Industrial wastes and non combustible wastes should be removed from the camp and disposed of at a designated landfill or other approved facility. Under no circumstance should hazardous wastes be managed through burning or incineration.

For camps of greater than 50 people, it is recommended that a municipal waste incinerator, which produces emissions that meet CCME air quality guidelines, be used

to dispose of camp wastes. The manufacturer will specify operating conditions and types of wastes that can be disposed of in the incinerator in order to meet the specified CCME standards. It is recommended that municipal waste incinerators be operated to meet manufacturer specifications.

The aforementioned comments are a brief thumbnail sketch of what DSD suggests that a proponent should be implementing to mitigate any damage or alterations to the environment during the course of their proposed activities. The proponent is referred to the Government of Nunavut's acts, regulations and environmental guidelines for a details.

### **Acts, Regulations and Environmental Guidelines**

The Environmental Protection Service, Department of Sustainable Development derives its regulatory authority and operational mandate from the Government of Nunavut's *Environmental Protection Act* (EPA). A number of regulations and guidelines have been developed and adopted under the EPA; some, or all of which might prove to be of assistance to a proponent in planning their activities. The guidelines are listed here for the information of the proponent and are available to the public at any DSD office in Nunavut or from DSD's Headquarters office located at:

Department of Sustainable Development  
Environmental Protection Service  
Government of Nunavut  
Box 1340  
Iqaluit, NU  
X0A 0H0  
(867) 979-5119  
e-mail: reno@gov.nu.ca or ebaddaloo@gov.nu.ca

#### Acts and Regulations

{PRIVATE } *Environmental Protection Act*{tc \ 5 "Environmental Protection Act"}

*Environmental Protection Act: Simplified Summary*

*Environmental Rights Act*

{PRIVATE } *Spill Planning and Reporting Regulations*{tc \ 5 "Spill Contingency Planning and Reporting Regulations"}

{PRIVATE } *A Guide to Spill Contingency Planning & Reporting*{tc \ 5 "A Guide to Spill Contingency Planning & Reporting"}

{PRIVATE } *Asphalt Paving Industry Emission Regulations*{tc \ 5 "Asphalt Paving Industry Emission Regulations"}

{PRIVATE } *Pesticide Act*{tc \ 5 "Pesticide Act"}

{PRIVATE } *Pesticide Regulations*{tc \ 5 "Pesticide Regulations"}



*Used Oil and Waste Fuel Management Regulations (undergoing completion; proposed for June 2000)*

*{PRIVATE }Environmental Guidelines{tc \ 5 "Environmental Guidelines"}*

*{PRIVATE }Dust Suppression{tc \ 5 "Dust Suppression"}*

*{PRIVATE }General Management of Hazardous Waste{tc \ 5 "General Management of Hazardous Waste"}*

*{PRIVATE }Industrial Projects on Commissioner's Lands{tc \ 5 "Industrial Projects on Commissioner's Lands"}*

*{PRIVATE }{tc \ 5 ""}*

*{PRIVATE }Industrial Waste Discharges{tc \ 5 "Industrial Waste Discharges"}*

*{PRIVATE }Ozone Depleting Substances{tc \ 5 "Ozone Depleting Substances"}*

*{PRIVATE }Site Remediation{tc \ 5 "Site Remediation"}*

*{PRIVATE }Sulphur Dioxide & Suspended Particulates{tc \ 5 "Sulphur Dioxide & Suspended Particulates"}*

*{PRIVATE }Waste Antifreeze{tc \ 5 "Waste Antifreeze"}*

*{PRIVATE }Waste Asbestos{tc \ 5 "Waste Asbestos"}*

*{PRIVATE }Waste Batteries{tc \ 5 "Waste Batteries"}*

*{PRIVATE }Waste Paint{tc \ 5 "Waste Paint"}*

*Waste Solvents*

## **Wildlife**

### **1. Bear-People Conflicts**

The operation is in an area where bears may be encountered. Proper food handling and garbage disposal procedures should be followed to reduce the likelihood that bears will be attracted to the operation. Careful planning and attention to details of camp design and maintenance will decrease the attraction of bears to camp.

The applicant should follow procedures outlined in the "Safety in Bear Country Manual", and should contact the Regional/Area Biologist or the Renewable Resource Officer indicated below for information and advice on measures which should be taken to minimize the possibility of bear-people conflicts.



## DSD Contacts

### Manager, Wildlife, Fisheries

- Alden Williams, (867) 975-5955
- Renewable Resource Officer,
- Tony Romito (867) 252-3879
- Regional Biologist,
- Mike Ferguson, (867) 899-8876

## 2. Caribou Protection Measures

See attached. [Recommendation of these conditions is not restricted to the Kaminuriak and Beverly herds (i.e., they may be applied to other herds as well).]

## 3. Peary Caribou (for Banks Island and High Arctic islands; not for Victoria Island)

Peary Caribou are a critically endangered subspecies which must not be harassed in any way. The applicant should be instructed not to harass these caribou, and to contact the Regional Biologist or Caribou Biologist in Pond Inlet (867) 899-8876 to obtain information on procedures required to prevent unintentional harassment.

## 4. Raptor Nesting Areas

The project area includes known raptor nesting sites and other areas where it is likely that raptors nest. To minimize negative impacts of this operation on raptors, the applicant should be advised to:

- (a) take care not to disturb nesting raptors from 15 April to 1 September by staying at least 1.5 km away from them when in transit by aircraft, and to avoid approaching them closely while on foot, and
- (b) contact the Regional Biologist in Pond Inlet (899-8876) to identify areas that should be avoided.

The following clause could be included in the covering letter: "If raptors are disturbed during the nesting period, they often abandon the eggs or young. Loud, repeated noises and close approach by humans on foot are particularly harmful."

## 5. Low Level Flights

Aircraft activity with no specific requirements for low level flying should be restricted to a minimum altitude of 300m above ground level.

## 6. Storage of Chemicals Containing Salts

Chemicals containing salts, which may attract wildlife to the site, should be stored so that they are inaccessible to wildlife.

Apr-10-01 10:42am From-Culture Language, Elders & Youth Iqaluit +8678755504

T-622 P.032/034 F-126  
T-471 P.01/04 P-004



Aᓃᓄᓐᓂᓐᓂᓐ

Department of  
Culture, Language, Elders & Youth

Pithohilikion

Ministère du gouvernement  
Culture Langues, Aînés et Jeunesse

Culture and Heritage Division

Culture, Language, Elders & Youth  
Government of Nunavut  
P.O. Box 800  
Iqaluit, NT X0A 0H0

April 10, 2001

Gladys Joudrey  
Environmental Assessment Screener  
Nunavut Impact Review Board  
Box 2379  
Cambridge Bay, NU X0E 0C0

Re: Land Use Application NIRB 01EN024; Mineral Exploration at Tree River (Rhonda Corporation)

Due Date: April 2, 2001

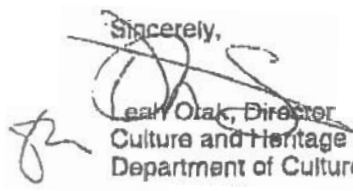
Dear Ms. Joudrey:

At your request, the Department of Culture and Heritage, Government of Nunavut, has reviewed the above-noted application. Our recommendations follow.

We recommend approval of the above-cited application, as the proponent's proposed activities do not constitute a threat to known archaeological resources.

The attached conditions specify plans and methods of site protection and restoration to be followed by the permittee if an archaeological site is encountered or disturbed in the course of the land use activity.

Sincerely,

  
Leah Olak, Director  
Culture and Heritage  
Department of Culture, Language, Elders and Youth

Encl.



Department of  
Culture, Language, Elders & Youth

Pithahitkioni

Ministère du gouvernement  
Culture Langues, Aînés et Jeunesse

## ARCHAEOLOGICAL RESOURCES: TERMS AND CONDITIONS

### BACKGROUND

- I. The archaeological record of the Inuit of Nunavut is a record of Inuit use and occupancy of lands and resources through time. The evidence associated with their use and occupancy represents a cultural, historical, and ethnographic heritage of Inuit society and, as such, Government recognizes that Inuit have a special relationship with such evidence, which shall be expressed in terms of special rights and responsibilities.

The archaeological record of Nunavut is of spiritual, cultural, religious and educational importance to Inuit. Accordingly, the identification, protection, and conservation of archaeological sites and specimens and the interpretation of the archaeological record is of primary importance to Inuit and their involvement is both desirable and necessary.

In recognition of the cultural, spiritual and religious importance of certain areas in Nunavut to Inuit, Inuit have special rights and interests in these areas as defined by Article 33 of the Nunavut Land Claim Agreement.

- II. "Archaeological site" means a site or work within Nunavut of archaeological ethnographical or historical importance, interest or significance, or a place where an archaeological specimen is found, and includes explorer's cairns.

"Archaeological specimen" means an object or specimen found in an archaeological site of archaeological ethnographical or historical importance, interest or significance, or a place where an archaeological specimen is found, and includes explorer's documents.

- III. Any new Terms and Conditions raising issues found in ss. 10 and 16 of the Territorial Land Use Regulations should duplicate statutory sections, or be stricter, but not more lenient in terms of protection of archaeological resources.

- IV.
  1. The permittee shall not operate any vehicle over a known or suspected archaeological site.
  2. The permittee shall not remove, disturb or displace any archaeological specimen or site.
  3. The permittee shall contact the Department of Culture, Language, Elders and Youth (867-975-5500) and DIAND officials should an archaeological site or specimen be encountered or disturbed by any land use activity.
  4. The permittee shall immediately cease any activity which disturbs an archaeological or historical site, encountered during the course of a land use operation, until permitted to proceed with the authorization of the Department of Culture, Language, Elders and Youth, Government of Nunavut, Iqaluit.
  5. The permittee shall follow the direction of the Department of Culture, Language, Elders and Youth and DIAND in restoring disturbed archaeological sites to an acceptable condition.
  6. The permittee shall provide information to the Department of Culture, Language, Elders and Youth about each archaeological site or specimen encountered by any land use activity, by completing the attached form.
  7. The permittee shall make best efforts to ensure that all persons working under authority of the permit are aware of these conditions concerning archaeological sites and specimens.
  8. The permittee shall avoid the known archaeological sites as listed in Attachment #1

9. The permittee shall have an archaeologist perform the following functions, as required by the Department of Culture, Language, Elders and Youth: survey, inventory and documentation of the archaeological and historical resources of the land use area; assessment of potential for damage to archaeological sites; mitigation; marking boundaries of archaeological sites for avoidance; restoration. The Department of Culture, Language, Elders and Youth shall authorize by way of a Nunavut Archaeologist Permit all procedures subsumed under the above operations.