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June 21, 2001

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

Nunavut Water Board

Gjoa Haven, NU

Re: Application for Research License -

NIRB: # 01CN069

NWB: #NWB2BRO

Enclosed is the completed NIRB Screening Decision Report for the application for a water licence for water use and waste disposal associated with prospecting at Brodeur Peninsula, Nunavut.

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 proceed 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 me, at (867) 983-2593 if you have any questions about the Screening Report.

Yours truly,

for Gladys Joudrey
Environmental Asses



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SCREENING DECISION

Date: June 19, 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 01CN069 NWB NWB2BRO
Mineral Exploration Camp on the Brodeur Peninsula**

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:

- 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;
- the proposal requires review under Part 5 or 6; NIRB shall identify particular issues or concerns which should be considered in such a review;
- the proposal is insufficiently developed to permit proper screening, and should be returned to the proponent for clarification; or
- 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:

- storage and disposal of chemicals, fuel, garbage, sewage, and gray water, and impact of these on the ecosystem;
- the impact of noise from helicopter and exploration 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; and
- clean up/restoration of the camp site upon abandonment.

Terms and Conditions:

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

Fuel Storage

1. 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.
2. 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.
3. The Licensee shall construct an impermeable dyke around each stationary fuel container or group of stationary fuel containers where one container has the capacity exceeding 4,000 litres.
4. The Licensee shall take all reasonable precautions to prevent the possibility of migration of spilled petroleum fuel or chemicals over the ground surface.
5. The Licensee shall have one extra fuel storage container on site equal to, or greater than, the size of the largest fuel container.
6. The Licensee shall examine all fuel and chemical storage containers daily for leaks. All leaks should be prepared immediately.
7. The Licensee shall seal all container outlets except the outlet currently in use.
8. The Licensee shall mark all fuel containers with the Licensee's name.
9. The Licensee shall have an approved emergency response and spill contingency plans in place prior to the commencement of the operation.
10. 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.

Water

11. 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.

Waste Disposal

12. 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.
13. The Licensee shall not locate any sumps or areas designated for waste disposal within thirty-one (31) metres of the ordinary high water mark of any body of water, and be sufficiently bermed or otherwise contained to ensure that these substances do not enter a waterway unless otherwise authorized.
14. The Licensee shall treat greywater and sewage according to the terms and conditions outlined in the NWB approval.
15. The Licensee shall backfill and recontour all sumps to match the natural environment prior to the expiry date of the license.
16. The Lessee shall not bury any metal wastes.
17. The Licensee shall incinerate all combustible and food wastes daily.
18. The Licensee shall keep all garbage and debris in a covered metal container until disposed of.
19. The Licensee shall ensure that all wastes generated through the course of the operation are backhauled and disposed of in an approved dumpsite.

Wildlife

20. The Licensee shall ensure that there is no damage to wildlife habitat in conducting this operation.
21. The Licensee shall not feed wildlife.
22. The Licensee shall not hunt or fish, unless the appropriate permits and licenses are acquired from a GN Renewable Resources Officer.
23. 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).
24. The Licensee shall not locate any operation so as to block or cause substantial diversion to migration of caribou.
25. The Licensee shall cease activities that may interfere with migration or calving, such as airborne geophysics surveys or movement of equipment, drilling activities until the caribou and their calves have vacated the area.
26. The Licensee shall ensure that aircraft pilots adhere to recommended flight altitudes of greater than 300 m above ground level as to not disturb wildlife.
27. 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.
28. 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.

Environmental

29. The Licensee shall ensure that the land use area is kept clean and tidy at all times.
30. The Licensee shall prepare the site in such a manner as to prevent rutting of the ground surface.
31. 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.
32. The Licensee shall suspend overland travel of equipment or vehicles if rutting occurs.

Camp

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

Archaeological Sites

35. 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) in attached letter.

Reclamation

36. The Licensee shall remove all scrap metal, discarded machinery and parts, barrels and kegs, buildings and building material upon abandonment.
37. The Licensee shall complete all clean-up and restoration of the lands used prior to the expiry date of the permit.

Other Recommendations

1. NIRB would like to encourage the proponent to hire local people and services, to the extent possible.
2. NIRB advises proponents to consult with local residents regarding their activities in the region.
3. NIRB strongly recommends that the proponent avoid known Ivory Gull colony sites, keeping altitudes of at least 1500 feet, and report any locations where they observe these birds to Environment Canada.
4. Any amendment requests deemed by NIRB to be outside the original scope of the project will be considered a new 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 June 20/01 at Whale Cove, NU

Elizabeth Copland
Elizabeth Copland, A/Chairperson

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: Rita Becker
(office where project file is located, contact person, number)

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

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

Present Authorizations (active): _____
(file number)

Previous Authorizations (inactive/expired) _____
(file number)

3. Project Location

Kivalliq _____ Kitikmeot _____ Baffin ☒

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

Geographic Place Name: Brodeur Peninsula
(nearest place name or geographic feature)

Local/Traditional Name: _____

National Topographic Sheet (NTS) Number: _____ Scale: _____

Latitude/Longitude: 72° 20' - 73° 15' N, 85° - 90° W
(degrees, minutes seconds)

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

Nearest Settlement: Arctic Bay

Adjacent Settlement/Out-post camps: _____

Special Designation: NO
(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): Camp, surface exploration
 (drilling, construction, camp, research, water works, installation, modification, maintenance)

Multiple Activities: Yes ☒ No ☐

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

Phase of Project: Operations
 (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**

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.

6. Description of the Environment

Description of Biophysical Environment

Small numbers of greater snow geese and Atlantic brants can be found nesting and molting in this area along the west coast of Borden Peninsula.

Small numbers of barren-ground caribou may be found on occasion along the west coast of Borden Peninsula and have been reported ranging as far north as McBean Bay.

Description of Socio-Economic and Cultural Environment

Inuit from Arctic Bay hunt caribou along the western Borden Peninsula, especially south of McBean Bay. Nesting ducks are also taken along the coast.

IN ABBINQUIN

7. NIRB's Consultation Process

Date application referred for comments:

May 2, 2001
(yyyy-mm-dd)

Deadline for comments:

June 13, 2001
(yyyy-mm-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
☐ HTO
☐ Other?

Michele BectolMay 2 01**FEDERAL:**

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

Paul SmithJune 4 01Lawrence IgnaceJune 4 01**GOVERNMENT OF NUNAVUT:**

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

Doug StantonJune 4 01**TRANSBOUNDARY
PARTIES****OTHER PARTIES**

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
- ☒ burning
- ☐ 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
- ☐ river/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 Comp
- ☐ possibility for accidents or malfunctions. Describe.

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
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
- 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
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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

☒ Will the project make large demands on non-renewable energy sources?☐ 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)? *possibly*☒ Will the project encourage a "boom-bust" economy over an economy of permanence?☒ Will the project encourage more wildlife harvesting on account of better access for hunters and fishers?☒ Will the project have an effect on the water quality of the watershed?☒ 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 ones, 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)

Should have very little impact at this
stage of the project.

Prepared By:

Cibola Joudrey
Screening

Date:

June 15, 2001
(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.

18. Terms and Conditions

If the determination is 12.4.4 (a), 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 Guldand
(NIRB Decision Maker)

Date:

June 20/01
(yyyy-mm-dd)

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/Calyx system?

JUN-04-01 MON 06:39 PM ENV NADA

+ T-662 P.20/24 F-199
FAX NO. 867E 1185 P. 02Environment
CanadaEnvironnement
Canada

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

June 1, 2001

Our file: 4703-001

Gladys Joudrey
Environmental Assessment Officer
Nunavut Impact Review Board
P.O. Box 2379
Cambridge Bay, NU X0E 0C0

Fax: (867) 983-2594

Rita Becker
Licensing Administrator
Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU. X0B 1J0

Fax: (867) 360-6369

Re: Comments on Application Water License NIRB01CN069/NWB2BRO - Kennecott Canada Exploration Inc. - Mineral Exploration Camp on the Brodeur Peninsula, Baffin, NU.

On behalf of Environment Canada (EC), I have reviewed the above noted water license NWB2BRO/NIRB01CN069. The comments provided for the above water license have been made under Section 36 of the *Fisheries Act*, the *Canadian Environmental Protection Act* (CEPA) and the *Migratory Birds Convention Act* (MBCA).

Proposed Undertakings in Relation to the Water License Application NIRB01CN069

Kennecott Canada Exploration Inc. has proposed to conduct exploratory surface mineral exploration for diamonds on the Brodeur Peninsula, Baffin Island. Surveys will be conducted June 1 through to September 1, 2001 and consist of general prospecting, and till/stream sampling. Four to ten people will be involved.

Comments and Recommendations

Environment Canada understands at this time Kennecott Canada Exploration can not provide the exact locations of the camp, sumps and fuel caches. However, Environment Canada recommends that the camp, sumps and fuel caches be located in such a manner that contents or associated materials do not enter a waterbody.

Wildlife Concerns

Environment Canada has reviewed the sensitivities to bird concerns, notably Ivory Gull colonies (a species of concern designated by COSEWIC April, 1996). The proposed campsite locations are south of the known Ivory Gull colonies, but some of the survey area overlap the known sites. Ivory Gull colonies are usually "obvious", as they nest on cliffs or mountain tops, with little or no vegetation. They are conspicuous white dots on the landscape, and usually fly up when disturbed. Environment Canada strongly recommends that the proponent avoid known colony sites, keeping altitudes of at least 1500 feet, and report any locations where they observe these birds.



The proponent neglected to:

- provide a list of all hazardous materials that may be used during the program;
- indicate if spill kits are to be used at fueling and fuel storage areas.

The following conditions should be applied 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.
- 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 available from various suppliers within Canada.
- 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.
- Ensure the treatment of hazardous and solid wastes at an appropriate disposal facility ie. Yellowknife or Rankin Inlet;
- Environment Canada recommends the use of an approved incinerator.

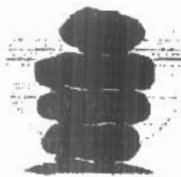
Please do not hesitate to contact me with any questions or comments with regards to the foregoing at (867) 975-4839 or by email at lawrence.ignace@ec.gc.ca.

Yours truly,



Lawrence Ignace
Environmental Assessment Specialist

cc: (Paula Pacholek, Northern Environmental Assessment Coordinator, Yellowknife)
(Mark Mallory, CWS, Iqaluit)



Nunavut Planning Commission *saq' C'add' NUNAVUMI PARNAYUT*

May 2, 2001

Rita Becker
Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU
X0B 1J0

RE: Application NWB2BRO

The Nunavut Planning Commission has completed its review of Kennecott Canada Exploration's application. It conforms to the North Baffin Regional Land Use Plan.

Attached, for your files, is a copy of the list of conformity requirements to which the applicant has undertaken to comply to.

Yours truly,

Michèle Bertol,
Senior Policy Analyst

Attachment

cc: Gladys Joudrey, NIRB
Diane Gregory, Kennecott Canada Exploration

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Department of
Culture, Language, Elders & Youth

Pithohilikioni

Ministère du gouvernement
Culture Langues, Aînés et Jeunesse

Culture and Heritage Division



May 28, 2001

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

Re: Land Use Application NIRB 01CN069; Mineral Exploration Camp on the Brodeur Peninsula (Kennecott)

Due Date: June 13, 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, on the condition that the proponent's activities avoid the known archaeological sites listed in Attachment #1. The information contained in Attachment #1 is provided solely for the purpose of the proponent's land use activities as described in the land use application, and must otherwise be treated confidentially by the proponent.

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 Otak, Director
Culture and Heritage
Department of Culture, Language, Elders and Youth

Encl.

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 Camp on the Brodeur Peninsula
Proponent: Kennecott Canada Exploration Inc.
Location: Brodeur Peninsula of Baffin Island, NIRB#: 01CN089
Comments Due By: Wednesday, June 13, 2001

Indicate your concerns about the project proposal below:

- | | |
|---|---|
| <input checked="" type="checkbox"/> no concerns | <input type="checkbox"/> traditional uses of land |
| <input 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:

Do you have any suggestions or recommendations for this application?

*No water licence requirements under the NWT water Act.
Any issues will be addressed within Land Use Permits.*

Do you support the project proposal? YES ☒ NO ☐

Any additional comments?

Name of person commenting: Pam Smith of _____
Position: Mgr. Water Resources Organisation: DIAND
Signature: Pam Smith Date: June 3, 2001