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SCREENING DECISION

Date: June 14, 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 01EN064 NWB NWB2AST
Reconnaissance Mineral Exploration on West Central Baffin Island**

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:

- 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 not locate any operation so as to block or cause substantial diversion to migration of caribou.
24. 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.
25. 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.
26. 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.
27. 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

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

Camp

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

Archaeological Sites

34. 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

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

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 permit
(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: Flint Lake area
(nearest place name or geographic feature)

Local/Traditional Name: _____

National Topographic Sheet (NTS) Number: 37 D Scale: 1:250,000

Latitude/Longitude: 69° 15' N, 75° 00' W
(degrees, minutes seconds)

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

Nearest Settlement: Chude River

Adjacent Settlement/Out-post camps: _____

Special Designation: NO
(Yes/No - e.g. Heritage River, Wildlife Reseserve, 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**

Has contacted the Mayor of Clyde River regarding local concerns and local interest for employment. Visit will be made prior to the onset of the program

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

Greater Snow geese congregate on
Flint Lake for breeding.

Description of Socio-Economic and Cultural Environment

This area is being used every winter by Clyde
River Inuit for hunting wolves and caribou.
Arctic char fishing was important in many
of the major lakes.

7. NIRB's Consultation Process

Date application referred for comments:

May 16, 2001
(yyyy-mm-dd)

Deadline for comments:

June 6, 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?

Michèle BertoMay 18/01**FEDERAL:**

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

GOVERNMENT OF NUNAVUT:

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

Doug StentonMay 28/01**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
- ✓ 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
- ☐ river/stream/lake crossing/badging
- ☐ site restoration
 - ☐ fertilization
 - ☐ grubbing
 - ☐ planting/seeding
 - ☐ scarification
 - ☐ spraying
 - ☐ recontouring
- ✓ soil testing
- ☐ topsoil, overburden or soil
 - ☐ fill
 - ☐ disposal
 - ☐ removal
 - ☐ storage
- ☐ tunnelling/underground
- ✓ other, explain camp
- ☐ 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
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
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18. ☐ change in water temperature
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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

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

☒ 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

_____	<i>See Screening Decision Report.</i>
_____	_____
_____	_____
_____	_____
_____	_____

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)

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

Prepared By: Charles Joudrey Date: May 31, 2001
Screened (yyyymmdd)**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.

Jun-20-01 09:29A

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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 Ireland* Date: *June 15/01*
(NIRB Decision Maker) (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-13-01 18:02 From:ENV CAN Iqaluit NUNAVUT

8969754645

T-672 P.02/03 Job-499



Environment
Canada

Environnement
Canada

Environmental Protection Branch
Qimugluk Building, P.O. Box 1870
Iqaluit, NU X0A 0H0
Tel: (867) 975-4638
Fax: (867) 975-4645

June 13, 2001

Our file: 4703-001-031

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

Gladys Joudrey
Environmental Assessment Officer
Nunavut Impact Review Board
P.O. Box 2378
Cambridge Bay, NU X0F 0C0

Fax: (867) 983-2594

Re: Comments on Water License NIRB01EN064/NWB2AST- Cominco Ltd. Exploration - Mineral Exploration on West Central Baffin Island, NU.

On behalf of Environment Canada (EC), I have reviewed the above noted water license NIRB01EN064/NWB2AST. The comments provided for the above land-use permit 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 NIRB01EN064/NWB2AST

Cominco Ltd. has proposed to conduct surface reconnaissance mineral exploration within the Flint Lake area, Borden Basin on Baffin Island. Surveys will be conducted July 10th to August 10, 2001 with a total of 6 people involved. Activities will consist of geological mapping, prospecting, minor geophysics, stream and soil geochemistry. Transportation to and from sites will be done via all terrain vehicles, daily foot transverses and helicopter assistance.

Comments and Recommendations

The proponent neglected to:

- state that "all spills" are to be documented and reported to the NWT Spill line (867) 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 fueling and fuel storage areas;
- indicate the location of campsite in relation to water;
- indicate the location of sump in relation to water;
- include the estimated volume of sump for camp activities;
- include location of fuel storage in relation to water for aircraft, and camp activities.

The following conditions should be applied throughout all phases of the project.

- The proponent shall ensure that any 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.

Canada



- 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.
- Surface drainage should be controlled such that runoff does not enter sump. Final capping of the sites must be done in such a fashion that erosion does not occur.
- The proponent should re-evaluate the size of the sump to ensure that adequate volume is available without overtopping the structure under all conditions. These changes should be made prior to construction of the sump.
- 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) 875-4639 or by email at lawrence.ignace@ec.gc.ca.

Yours truly,



Lawrence Ignace
Environmental Assessment Specialist

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

01-MAY-18 14:52 FROM:NPC OTTAWA

ID: 613

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May 16, 2001

VLA: Fax

Dear Baffin Distribution List

Re: Your comments on a water use permit.

NIRB File #: 01EN064

Reconnaissance Mineral Exploration on West Central Baffin Island

Cominco Ltd. Exploration

Enclosed please find an application for a water use and waste disposal permit associated with surface reconnaissance mineral exploration on West-Central Baffin Island near Flint Lake in the Astarte River area. Please use the NIRB file no.01EN064, and the contact person listed below, in all future correspondence regarding this application.

Please assess the project proposal for the potential effects on the ecosystemic and socio-economic environments, from your knowledge of the area or your field of expertise.

Please forward your comments and recommendations to NIRB by **Wednesday, June 6, 2001**. A comment form has been included with the package.

As the project has been distributed by the NWB, the NIRB will only be forwarding the application portion.

If you have any questions regarding the application, please do not hesitate to contact our office. Your input is greatly appreciated.

Yours truly,

Gladys Joudrey
Gladys Joudrey
Environmental Assessment Officer
Phone (867) 983-2593
Fax (867) 983-2574

This project proposal falls outside of the limits of the regions with land use plans in place. Therefore, NPC does not need to review it.

MV3

May 18, 2001

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 on West-Central Baffin Island
Proponent: Cominco Ltd. Exploration
Location: Flint Lake in the Astarte River Area, NIRB#: 01EN064
Comments Due By: Wednesday, June 6, 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 licensing requirements under the NWT Waters Act.
All issues will be addressed by the Land Use Permit.

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

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

JUN-13-2001 17:15

HAMLET OF CLYDE

T-652 P.23/26 F-181
867 924 6293 P.02/02



**MUNICIPALITY OF
CLYDE RIVER**
P.O. Box 89
CLYDE RIVER, N.T. X0A 0E0

Tel: (867) 924-6220
Fax.: (867) 924-6293

saqclyde@nunanct.com

13 June 2001

Nunavut Impact Review Board
P.O. Box 2379
Cambridge Bay, NU
Attn: Environmental Assessment

Gladys Joudrey:


Re: Cominco Ltd. Exporation - NIRB file 01EN064

At the regular meeting of Hamlet Council on June 07, 2001, Hamlet Council approved Cominco Ltd.'s application for water use and waste disposal in the area of Flint Lake.

Council presumes that similar information has been presented to and permission obtained from Namautuk Hunter and Trappers Organization in Clyde River.

Please contact Billy Palluq, Assistant SAO or the undersigned if you have any questions or concerns.

Thank-you,


John Corker
Acting SAO
Cc: J. Palluq, Mayor
Finance

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Department of
Culture, Language, Elders & Youth

Pithohilikioni

Ministère du gouvernement
Culture Langues, Aînés et Jeunesse

May 17, 2001

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

Re: Land Use Application NIRB 01YN064; Reconnaissance Mineral Exploration on West Central Baffin Island (Cominco Ltd. Exploration)

Due Date: June 6, 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.



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Department of
Culture, Language, Elders & Youth

Pithohilikioni

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.