[redacted]

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June 26, 2000

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

NUNAVUT WATER BOARD
JUN 27 2000
PUBLIC REGISTRY

Re: Exploration in the Pistol Lake Area
NIRB: 00EN030 NWB: NWB2PIS

Enclosed is the completed NIRB Screening Decision Report on a water licence to conduct mineral exploration near Pistol Lake 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 me at (867) 983-2593 if you have any questions about the Screening Report.

Yours truly,

Gladys Joudrey
Environmental Assessment Officer

INTERNAL
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BS
FO
CEO
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ᐃᔾᔪᑎᒃᑯᑦ, ᓄᓇᕗᒥ/P.O. Box 2379 Cambridge Bay, NT /EKALUKTUTIAK, NUNATIAMI X0E 0C0 • ᐅᖃᓗᒃᑕᐅᕝᕕᒃ/Phone/HIVAYAOTA: (867) 983-2593 • ᑎᑎᖅᑲᑦ ᐅᖃᓗᒃᑕᐅᕝᕕᒃ/Fax/FAX-KOT: (867) 983-2594

ᓄᓇᕗᒻᒥ ᐊᕙᑎᓕᕆᓂᕐᒧᑦ ᑲᑎᒪᔩᑦ/NUNAVUT IMPACT REVIEW BOARD/NUNAVUTMI KANOGILIVALIANIKOT ELITTOHAIYEOPLOTIK KATIMAYIIT

SCREENING DECISION

Date: June 26, 2000

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 00EN030 NWB NWB2PIS
Exploration in the Pistol Lake Area – Qikiqtaaluk 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;

ᐃᖃᓗᒃᑑᑦᑎᐊᕐᒃ, ᓄᓇᕗᒻᒥ/P.O. Box 2379 Cambridge Bay, NT /EKALUKTUTIAK, NUNATIAMI X0E 0C0 • ᐅᖄᓗᑎᖓ/Phone/HIVAYAOTA: (867) 983-2593 • ᑎᑎᖅ ᐅᖄᓗᑎᒃᑯᑦ/Fax/FAX-KOT: (867) 983-2594

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; and
- clean up/restoration of the camp site and drilling locations upon abandonment.

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 a tractor for drill moves. This is unacceptable due to possible rutting and gorging of the tundra. It is suggested that a helicopter do the drill moves.
5. 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.
6. 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.
7. 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.
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.

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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 not use mechanized clearing within 30 meters of the normal high water mark of a watercourse in order to maintain a vegetative mat for bank stabilization.
12. 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.

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.

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 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.
17. The Licensee shall take all reasonable precautions to prevent the possibility of migration of spilled petroleum fuel or chemicals over the ground surface.
18. The Licensee shall have one extra fuel storage container on site equal to, or greater than, the size of the largest fuel container.
19. The Licensee shall examine all fuel and chemical storage containers daily for leaks. All leaks should be prepared immediately.
20. The Licensee shall seal all container outlets except the outlet currently in use.
21. The Licensee shall mark all fuel containers with the Licensee's name.
22. The Licensee shall have an approved emergency response and spill contingency plans in place prior to the commencement of the operation.
23. 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

24. 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.
25. 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, and be sufficiently

bermed or otherwise contained to ensure that these substances to do not enter a waterway unless otherwise authorized.

26. The Licensee shall treat greywater and sewage according to the terms and conditions outlined in the NWB approval.
27. The Licensee shall backfill and recontour all sumps to match the natural environment prior to the expiry date of the license.
28. The Lessee shall not bury any metal wastes.
29. The Licensee shall incinerate all combustible and food wastes daily
30. The Licensee shall keep all garbage and debris in a covered metal container until disposed of.
31. The Licensee shall ensure that all wastes generated through the course of the operation are backhauled and disposed of in an approved dumpsite.
32. The Licensee shall deposit all scrap metal, discarded machinery and parts, barrels and kegs, at an approved disposal site.

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 use the latest bear detection and deterrent techniques to minimize man-bear interactions and shall report any Man-Bear Interactions to the nearest Renewable Resource Officer.
36. The Licensee shall not hunt or fish, unless the appropriate permits and licenses are acquired from a GN Renewable Resources Officer.
37. The Licensee shall ensure that the drill sites avoid known environmentally sensitive areas (denning, nesting etc.) by a minimum of 250 metres.
38. The Licensee shall not locate any operation so as to block or cause substantial diversion to migration of caribou.
39. The Licensee shall follow the Caribou protection measures attached.
40. 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.
41. 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. Raptor nesting sites and concentrations of nesting or molting waterfowl should be avoided by aircraft at all times.
42. 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.
43. 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

44. The Licensee shall ensure that the land use area is kept clean and tidy at all times.
45. The Licensee shall prepare the site in such a manner as to prevent rutting of the ground surface.
46. 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.
47. The Licensee shall not remove any material from below the ordinary high water mark of any waterbody..
48. The Licensee shall suspend overland travel of equipment or vehicles if rutting occurs.

Structure & Storage Facilities

49. The Licensee shall not erect structures or store material on the surface ice of lakes or streams.
50. The Licensee shall locate all structures and storage facilities on gravel, sand or other durable land.
51. The Licensee shall follow the Camp Sanitation Regulations made under the authority of the Public Act of the Northwest Territories.

Archaeological Sites

52. 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

53. The Licensee shall remove all scrap metal, discarded machinery and parts, barrels and kegs, buildings and building material upon abandonment.
54. The Licensee shall complete all clean-up and restoration of the lands used prior to the expiry date of the permit.
55. The Licensee shall undertake ongoing restoration for any land or improvements which are no longer required for the Licensee's operation on the land.
56. 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.

Monitoring

57. The Licensee shall monitor the impacts to wildlife by maintaining a log of wildlife observed (species, number, date, time, location observed) and their behavior (i.e. avoidance, segregation, disturbance/stress, alteration of migration patterns or movements by wildlife).
58. The Licensee shall submit to the NWB and NIRB a summary report of activities undertaken and any abandonment and restoration of the site.

Other Recommendations

1. NIRB would like to encourage the proponent to hire local people and services, to the extent possibie.
2. NIRB advises proponents to consult with local residents regarding their activities in the region
3. 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 26/00 at Cambridge Bay, NT

Larry Pokok Aknavigak, Chairperson

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NUNAVUT IMPACT REVIEW BOARD
SCREENING FORM

1. General File Information on Screening

NIRB #: 00EN030 (yy-xxx) Authorizing Agency #(s): NWB (permit or licence #)

NWB2PIS

Project Title: Exploration in the Pistol Lake area (Title of Project)

Proponent: Qikiqtaaluk Corporation (Company/Applicant)

Proponent's Address: P.O. Box 1228

Iqaluit, NT

X0A 0H0 (Full Address)

Contractor: ______ (Company / persons doing the work if different from the proponent)

______ (address and contact numbers)

Proposed Dates of Activity: Start Date 00-06-01 (yyyy-mm-dd) End Date 02-06-01 (yyyy-mm-dd)

EA Starting Date: May 16, 2000 (Date application accepted (yyyy-mm-dd))

Date Application Referred for Comments: May 16, 2000 (yyyy-mm-dd)

Deadline for Comments: June 14, 2000 (yyyy-mm-dd)

NIRB's EA Indication: 12.4.4 (A)

Date of Indication: June 26, 2000 (yyyy-mm-dd)

Project Cancelled: Yes, Give Reason ______

Comments: ______

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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: west kitikmeot
(e.g. West Kitikmeot, North Baffin, South Baffin, Kivalliq)

Geographic Place Name: Pistol Lake Area
(nearest place name or geographic feature)

Local/Traditional Name: ______

National Topographic Sheet (NTS) Number: 76 N/2 Scale: 1:50,000

Latitude/Longitude: 66° 56' N, 108° 40' W; 67° 15' N, 109° 00' W
(degrees, minutes seconds)

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

Nearest Settlement: Bathurst Inlet

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): 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 Inukitut)

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 KIA and NTI and attempted to contact Bathurst Inlet, but have been unsuccessful.

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.

10. NON TECHNICAL SUMMARY

PROJECT SUMMARY

The Pistol Lake area was explored for gold during the period 1964-1992. Economically interesting mineralization was discovered in steeply-dipping horizons of banded iron formation, and limited diamond drilling was completed during 1984-1989. A small gold resource was identified, but the amount of mineralization was insufficient to support a mining operation.

The purpose of the Qikiqtaaluk Corporation Project is to carry out additional drilling to increase the area explored by drilling to date, and to enlarge the gold resource to approximately one million ounces. The field project is expected to begin during the summer of 2000, and entails the use of a single diamond drill initially during the first year. Assuming favourable results, two or more diamond drills may be used during the second year. A base camp will be established at Pistol Lake to support the project. The Project will be supplied out of Yellowknife.

The training of Native geoscience personnel will be an important component of the project. Qikiqtaaluk retained Watts, Griffis and McOuat Limited (WGM) of Toronto to manage the project. WGM has considerable international experience in training local exploration geologists as part of projects undertaken in developing countries by the UN and the World Bank.

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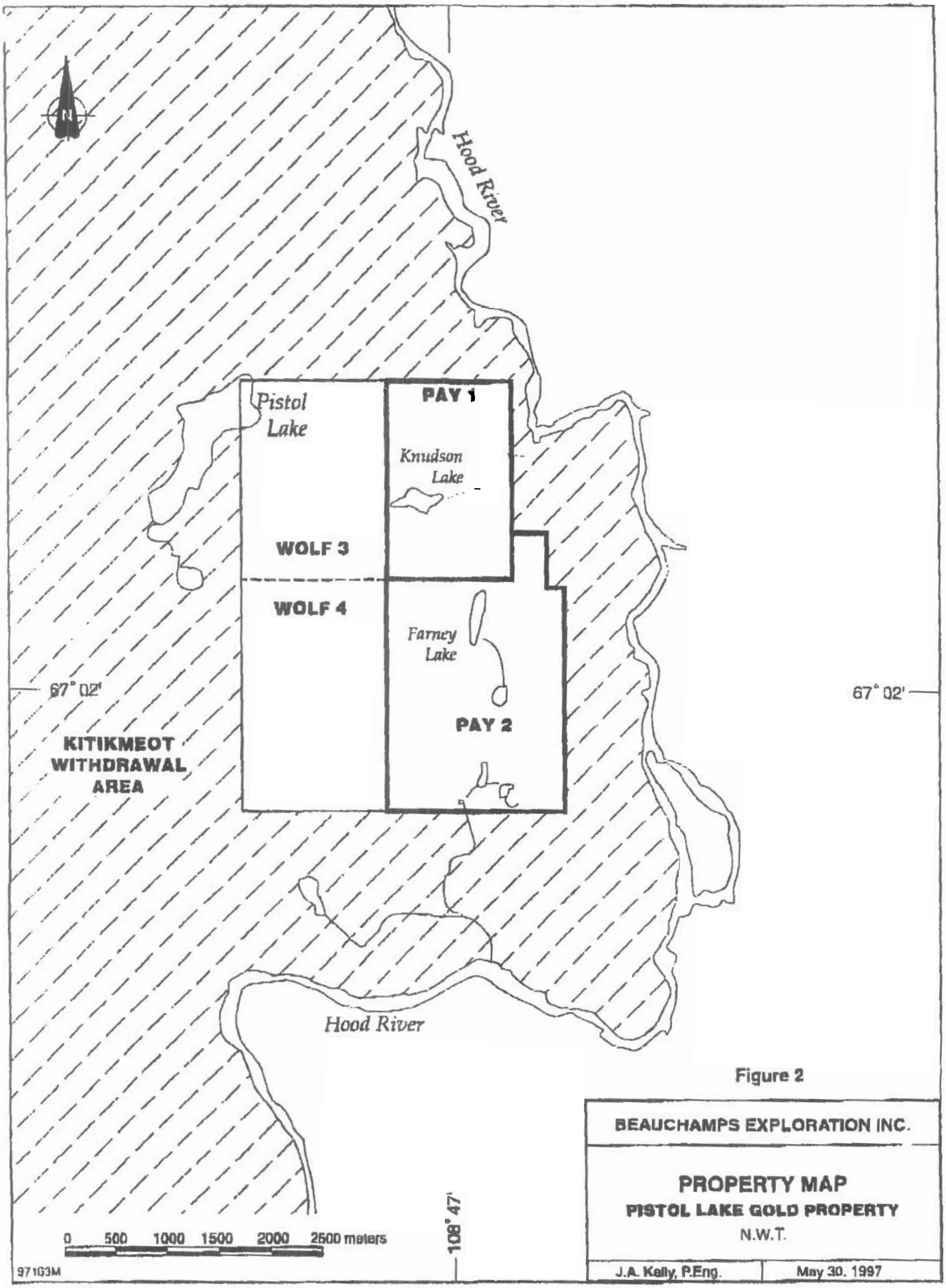
(ᐃᓕᓯᒪᔪᑦᔪᐊᖅ ᔭᓐ ᐃᓪᓚᓐ, ᓯᓚᑦᑐᓴᕐᕕᖕᓂ ᐃᐅᕝᑕᐅᑦ, ᐃᐊᕐᒪᓐᑕᓐ).

ᑐᑭᓕᕆᔨᖅ ᑕᒪᑦᓯᒪ ᖃᐅᔨᓴᕐᓂᐅᑦ ᑐᑭᓯᒪᑦᓯᐊᕐᓂᑦᑕᖃᕐᓂᖅᑯᓄᑦ ᐊᐅᔭᐃᑦᑐᐃᑦ ᐊᒻᒪᓗ ᐃᒪᐃᐅᑦ ᒥᑦᓯᖕᖏᓐᓄᑦ ᓄᓇᕗᒻᒥ. ᖃᐅᔨᒪᓕᓂᖃᕐᒥᔪᑦ ᐊᐅᓚᓂᖅᓯᒪᔪᓐᖏᓐ ᓯᓚᐅᑦ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓᑕ ᑖᒃᑯᓂ. ᑕᒪᓐᓇᓗ ᖃᐅᔨᒪᑦᓴᐅᑦᓯᓂ ᐃᒪᐃᐅᑦ ᓯᑯᖏᑎᒍᑦ. ᒫᓐᓇ ᓱᓕᔪᖅᓴᓕᐅᔪᑦ ᓯᑯᓚᐅᕐᓂᓇᖓᓂ ᓄᓇᕗᓕᒪᐅ ᐅᑭᐅᕐᔪᐊᕐᑎᓐᓄᑦ ᑭᖑᓪᓕᖅᐸᒥ (ᐊᕐᕌᒍᐃᑦ 10-20 ᑕᐅᓴᐃᑦ ᐊᑯᕐᖓᓂᑦᑐᑦ ᐊᓂᒍᕐᓯᒪᓕᑦᑐᑦ). ᑖᓐᓇ ᐊᑦᓯᖅᑕᐅᓯᒪᔪᖅ Innuitian Ice Sheet-ᒥᒃ. ᒫᓐᓇ ᖃᐅᔨᒪᓕᕐᒥᔪᑦ ᖃᓄᐃᑦᑎᓐᓄᑦ ᓯᓚ ᑕᒪᓐᓇ ᓯᑯ ᐱᕙᓪᓕᐊᓂᕐᒪᖔᑦ. ᐊᒻᒪᓗ ᖃᐅᔨᒪᓕᕐᒥᔪᑦ ᖃᓄᐃᑦᑐᒥᒃ ᑕᐅᑦᑐᖃᕐᓂᕐᒪᖔᑦ ᓯᑯ, ᓇᐅᒃᑯᑦ ᐃᔨᓂᖅᐸᐅᓂᕐᒪᖔᑦ ᐊᒻᒪᓗ ᖃᓄᐃᑦᑐᓂᒃ ᐃᓯᕐᕿᓂᖅᖃᑦᑕᓂᕐᒪᖔᑦ.

ᑕᒪᓐᓇ ᓯᑯᐊᓗᒃ ᓇᕿᓯᐊᒥᓂᐅᓪᓚᑦ ᓄᓇᒥᒃ (ᑕᐃᒪᓐᓴᐃᓐᓇᒐᓚᒃ ᓇᕿᑦᒥᓯᒪᔫᑉᐱᑦ ᐸᑦᑕᐊᒥᒃ ᐸᑦᑕᐊᒥᒃ) ᐅᑎᕆᐊᕐᓂᕐᒪᑦ ᓯᑯ, ᐃᒪᐱᒃ ᐳᓐᑐᓂᕐᓴᒥᓂᖅᑲᓇᐊᓗᒃ ᐅᖅᓗᒥᐅᓪᓚᓂᑦ. ᑭᓯᐊᓂ, ᓄᓇ ᐳᕐᓇᖅᑲᐸᖅᑲᓕᐊᑎᖅᓗᒍ ᐃᒪᐱᒃ ᐊᑦᐸᐸᖅᑲᓕᐊᓂᕐᑐᒥᓂᖅ ᐃᓄᒋᐊᔭᒥᓄᑦ. ᕿᒥᕐᕈᑲᑦᑐᒍᑦ ᒥᑭᔪᕐᓗᖅᓂᒃ (ᒥᑭᓗᐊᓂᖅ ᑎᒍᒥ ᐊᑐᕐᒥᒃ) ᓯᐅᐱᔨᒥᓂᕐᓂᒃ ᐊᒻᒪᓗ ᐊᒡᒍᓪᓕᐅᓄᑦ ᔭᒥᓂᕐᓂᒃ ᕿᐊᒥᓂᕐᓂᖅᓗ ᐊᑐᑦᑕᐅᒍᓐᓇᓪᓚᑕ ᖃᓇᓂᑕᐅᓪᓚᖓᑕ ᖃᐅᔨᒍᑎᒥᓗᒥᑦ ᐊᒻᒪᓗ ᖃᓄᑎᒥᑦ ᓄᓇ ᐳᕐᓇᖅᑲᕐᓯᒪᓕᕐᒪᖔᑦ ᓯᑯ ᐅᑎᕆᐊᕐᓂᕐᒪᓂᑦ. ᑕᒪᓐᓇ ᖃᐅᔨᓴᕐᓂᖅᔪᑦ ᐊᐅᔭᑕᒪᑦ ᐃᓚᒋᐊᖃᑦᑕᕈᒪᔪᑦ ᓄᓇᕗᒻᒥ ᑕᒪᓐᓇ ᐊᐱᕐᑯᑕᐅᔪᖅ.

ᐊᐅᔭᐃᑦᑐᐃᑦ ᐊᐅᓚᓂᖅᓯᒪᔪᖏᑦ ᓄᓇᕗᒻᒥ ᖃᐅᔨᒍᑎᒥᓂᐊᕐᑎᒍ ᐅᑭᐅᖅᑕᖅᑐᑦ ᐊᑕᐅᓯᖅ ᐊᒻᒪᓗ ᖃᓄᑎᒥ ᓯᓚᖓ ᐊᓯᔾᔨᖅᓯᒪᓕᕐᒪᖔᑦ ᐊᕐᕌᒍᐃᑦ ᑕᐅᓴᐃᑦ ᐊᓂᒍᖅᑎᓪᓗᒋᑦ. ᑕᒃᑯᐊ ᐊᓯᔾᔨᕐᓂᐅᔪᑦ ᐊᑐᑦᑕᐅᒐᔭᑦ ᕿᒥᕐᕈᑕᐅᓗᑎᒃ ᐊᓯᔾᔨᖅᑐᑦ ᓯᓚᕐᔪᐊᒥᐅᑦᑐᒃ. ᐱᓕᕆᐅᑎᓪᓚᒥ ᑐᑭᓯᐅᖅ ᖃᓄᖅ ᐅᑭᐅᖅᑕᖅᑐᑦ ᐊᑕᐅᓯᖅ ᐊᓯᔾᔨᖅᓯᒪᓪᓚᕐᒪᖔᑦ, ᓱᓇᓄᑦ ᑕᐃᒪᐃᓕᕿᓂᖅᑕᐅᓪᓚᕐᒪᖔᑦ, ᐊᒻᒪᓗ ᖃᓄᖅ ᐊᑐᐃᓯᒪᓪᓚᕐᒪᖔᑦ ᓯᓚᕐᔪᐊᒥ.

ᖃᐅᔨᒪᔭᐅᔪᖅᖃᖅᑐᖅᐸᑦ ᐊᐅᔭᐃᑦᑐᐃᑦ ᐊᒻᒪᓗ ᐃᒪᐅᑦ ᐃᑎᓪᓗᓂ ᒥᑦᓴᓄᑦ, ᑐᓴᖅᑎᑦᑎᔪᒪᓪᓚᒐᑦᑐᒍᑦ.


Hood River
Pistol Lake
PAY 1
Knudson Lake
WOLF 3
WOLF 4
Farney Lake
PAY 2
67° 02'
67° 02'
KITIKMEOT WITHDRAWAL AREA
Hood River
0 500 1000 1500 2000 2500 meters
108° 47'
97103M
Figure 2
BEAUCHAMPS EXPLORATION INC.
PROPERTY MAP
PISTOL LAKE GOLD PROPERTY
N.W.T.
J.A. Kelly, P.Eng.
May 30, 1997

6. Description of the Environment

Description of Biophysical Environment

In early spring, barren-ground caribou of the Bathurst herd migrate eastward along the James, Hood and Burnside river valleys and cross Bathurst Inlet on the ice to calve in the region to the east of the inlet.

This wildlife zone, which extends to the west, is characterized by flat lowlands with many steep scarps. Grizzly bear and muskox are common in this zone.

Description of Socio-Economic and Cultural Environment

Land use is less regular in this area than in the Bathurst Inlet lowlands. Caribou are sometimes hunted in fall & winter, and trapping occurs in early winter.

7. **NIRB's Consultation Process**

Date application referred for comments: May 16, 2000 (yyyy-mm-dd)

Deadline for comments: June 14 2000 (yyyy-mm-dd)

Distribution List:	Contact Person:	Date comments received:
NUNAVUT:		
____ NTI		
____ QIA		
____ Kivalliq I.A.		
✓ Kitikmeot I.A.	Jack Kaniak	June 13, 2000
____ NPC		
____ NWB		
____ NWMB		
____ RWO		
____ Inuit Heritage Trust		
____ Community(s)	Bathurst Inlet	[illegible]
Hamlet ____		
HTO ✓	Sam Kapolak	June 12, 2000
____ Other? ____		
FEDERAL:		
✓ DIAND	Katherine Sikort	June 13, 2000
____ DFO		
____ DOE		
____ Heritage Can.		
____ Natural Resources		
CCG Other? (eg. Health DOT, DND)	Rick McLean	May 25, 2000
GOVERNMENT OF NUNAVUT:		
____ Sustainable Dev.		
✓ CGT	Doug Crossly	May 16, 2000
____ HSS		
✓ CLEY	Doug Stenton	May 26, 2000
____ Other?		
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/bridging
- __ 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. Fuel Spill

__ 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 ______

Describe biophysical and socio-economic and cultural effects identified from check-list.

Environmental Effect	Describe
#24, 34, 37	noise from aircraft, drilling and people could disturb large & small animals.
25	deposit onto ground surface from greywater, sewage & drill water.
#3	land is used for hunting and trapping.

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
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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

NO 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

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 Terms and Conditions in the 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)

____

____

____

____

____

____

Prepared By: Gladys Joudrey (Screener) Date: June 13, 2000 (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: ______________ Date: 2000/06/26
(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?

Fisheries and Oceans
Pêches et Océans

Fish Habitat Management
P.O. Box 358
Iqaluit, Nunavut
X0A 0H0

Your file Votre référence
00EN030
Our file Notre référence
NU00051

June 15th, 2000

Michael Hine
Qikiqtaaluk Corporation
P.O. Box 1228
Iqaluit, NT
X0A 0H0

RE: NIRB File # 00EN030, Water Licence Application, Mineral Exploration, Qikiqtaaluq Corporation, Pistol Lake Area.

Dear Mr. Hine:

This letter is to advise that The Department of Fisheries and Oceans, Fish Habitat Management (DFO-FHM) received your Water Use Application for mineral exploration, in the Pistol Lake area, submitted on your behalf by Nunavut Impact Review Board. I have reviewed the plans for the proposed work.

Field operations in or near water may result in the harmful alteration, disruption or destruction of fish habitat, which is prohibited under Section 35 of the *Fisheries Act*. In addition to the measures set out in the project proposal, the following mitigation measures, if incorporated into the project, are intended to prevent any potentially harmful impacts to fish and fish habitat:

- All disturbed areas should be stabilized and re-vegetated as required, upon completion of work, and restored to a pre-disturbed state.

- If artesian flow is encountered, drill holes should be plugged and permanently sealed upon completion of the project.

- When using explosives, please follow the *Guidelines for the Use of Explosives In or Near Water* (DFO, 1998) available on request. If, for any reason these guidelines cannot be followed, please contact DFO, as an Authorization may be required.

- If the drilling requires water in sufficient volume that the source waterbody may be drawn down please submit details (volume required, size of waterbody, etc.) to DFO-FHM for review. DFO-FHM does not recommend the use of streams as a water source.

- All water intakes should be properly screened to prevent the entrainment of fish. Refer to the *Freshwater Intake End-of-Pipe Fish Screen Guideline* (DFO 1995), available on request.

Canada

- Winter lake/stream crossings should be located to minimize approach grades. Cutting or filling of crossing approaches below the normal high water mark will require prior review and approval by DFO-FHM.

- The use of material other than ice or snow to construct a temporary crossing over any ice-covered watercourse is prohibited by regulations under *Fisheries Act* unless authorized by a Fishery Officer.

- All winter crossings should be removed prior to spring breakup.

- No material should be left on the ice when there is the potential for that material to enter the water (i.e. spring break-up).

Depositing deleterious substances into fish bearing waters is prohibited as stated under Subsection 36(3) of the *Fisheries Act*. The following are additional measures to mitigate habitat disturbance or loss as well as the deposition of deleterious substances.

- Sediment and erosion control measures should be implemented prior to, and maintained during the work to prevent entry of sand or sediment into the water.

- All activities, including maintenance procedures and vehicular refuelling, should be controlled to prevent the entry of petroleum products, debris, slash, rubble, or other deleterious substances into the water.

- All wastes, drill cuttings, sewage containments and fuel caches should be located a minimum of thirty (30) metres from the normal high water mark of any water body, and be sufficiently bermed or otherwise contained to ensure that these substances do not enter any water body.

- Drill cuttings should be disposed of in a sump such that they do not enter any water body. The use of biodegradable, salt free drill additives is encouraged over non-biodegradable types.

- All spills of oil, fuel, or other deleterious material should be reported immediately to the 24-Hour Spill Line at (867) 920-8130.

If the proposed work is carried out as described in the plans provided to DFO-FHM and if the additional mitigation measures specified above are implemented, the proposed work will not be considered as contravening Subsection 35(1) of the *Fisheries Act* which reads:

> *"No person shall carry on any work or undertaking that results in the harmful alteration, disruption or destruction of fish habitat."*

Therefore, an authorization under Subsection 35(2) of the *Fisheries Act* will not be necessary. If a harmful alteration, disruption or destruction of fish habitat and/or the deposition of deleterious substances into fish bearing waters occurs as a result of a change in the plans for the proposed works or failure to implement the additional mitigation measures specified above, prosecution under Subsection 35(1) and/or Subsection 36(3) of the *Fisheries Act* may be initiated.

Please note that this letter of advice does not release the proponent of the responsibility for obtaining any other permits that may be required and will apply for the proposed activities for the period of the Water Licence.

If you have any questions concerning the mitigation measures or should there be any changes to the proposed work, please contact me at (867) 979-8007 or Pete Cott at 669-4913 or by fax at (867) 979-8039.

Jordan DeGroot
Area Habitat Biologist
Fish Habitat Management
Department of Fisheries and Oceans- Eastern Arctic Area

c.c. Gladys Joudrey, Nunavut Impact Review Board
Pete Cott – A/Arctic Habitat Co-ordinator, DFO-FHM
Winston Fillatre -- A/C&P Supervisor/Fishery Officer

Canada

[illegible] /NUNAVUT IMPACT REVIEW BOARD/NUNAVUTMI KANOGILIVALIANIKOT ELITTOHAIYEOPLOTIK KATIMAYIIT

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: __Exploration in the Pistol Lake Area__
Proponent: __Qikiqtaaluk Corporation__
Location: __Pistol Lake Area__, **NIRB#:** __00EN30__
Comments Due By: _Wednesday June 14, 2000_

Indicate your concerns about the project proposal below:

- [x] no concerns
- [ ] water quality
- [ ] terrain
- [ ] air quality
- [ ] wildlife and their habitat
- [ ] marine mammals and their habitat
- [ ] birds and their habitat
- [ ] fish and their habitat
- [ ] heritage resources in area
- [ ] traditional uses of land
- [ ] Inuit harvesting activities
- [ ] community involvement and consultation
- [ ] local development in the area
- [ ] tourism in the area
- [ ] human health issues
- [ ] Other: ____________

Please describe the concerns indicated above:

Do you have any suggestions or recommendations for this application? Please ensure that any sewage or grey water is disposed of in natural sumps > 30 m from any water bodies

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

Name of person commenting: Katherine Silcock of DIAND
Position: Project Specialist **Organisation:** Water Resources
Signature: [signature] **Date:** June 13/2000

[illegible] /P.O. Box 2379 Cambridge Bay, NT /EKALUKTUTIAK, NUNATIAMI X0E 0C0 • [illegible]/Phone/HIVAYAOTA: (867) 983-2593 • [illegible]/Fax/FAX-KOT: (867) 983-2594

Kitikmeot Inuit Association
Kitikmeot Inuit Katuyikatigit
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Lands Division
P.O. Box 360, Kugluktuk,
Nunavut
X0E 0E0
Tel: 867-982-3310
Fax: 867-982-3311

Bathurst Inlet
Kingaok
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Bay Chimo
Omingmaktok
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Cambridge Bay
Ikaluktutiak
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Gjoa Haven
Okhoktok
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Kugluktuk
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Pelly Bay
Akvilikyoak
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Taloyoak
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June 13, 2000

Gladys Joudrey
Environmental Assessment Officer
Nunavut Impact Review Board
Cambridge Bay, Nunavut X0E 0C0

FAXED NIRB

<u>Re: Exploration Pistol Lake Area – Oikiqtaaluk Corporation</u>

The proponent proposes to do exploration work involving drilling at the Wilberforce Hills area of the Hood River valley. This area is rugged country with boulders situated all around the proposed drilling area along with other tundra overburden or growth.

Qikiqtaaluk Corp. has stated that a tractor will be used for drill moves. This is unacceptable due to possible rutting and gorging of the tundra. If this should happen, it will expose the permafrost and cost more problems. KIA Lands Div. has a policy of not allowing any proponents to do any drill moves by tractors on IOLs if there are no protective cover of the tundra such as hard snow and/or ice. I would suggest that a helicopter do the drill moves.

The drilling fluids and sludge should not be deposited directly onto any streams or creeks that will eventually drain into the Hood River. As the Hood River is a spawning habitat for fish such as char, trout, white fish, grayling and others, possible chemicals such as calcium chloride and polydrill may have negative impacts on the spawning areas.

As the Hood River valley is the site for dens of the fur bearing animals such as grizzlies, wolves, wolverines, foxes and small mammals like squirrels, rabbits, lemmings & etc., care should be taken so as not to disturb any dens or denning areas. It is also part of the calving grounds of the Bathurst Caribou Herd. Aircraft flights should be minimized if there are any caribou calving in the area.

If there are to be any community consultation done, Bay Chimo & Bathurst Inlet should be the most involved in this process. The Hood River valley is the hunting, trapping, fishing and camping area of these communities.

The proposed training of the Aboriginal people for geoscience personnel and drilling is a welcome change from merely hiring of people for mostly labour

force. I applaud Qikiqtaaluk Corp. for this proposal if this is carried out and people are trained in any geological field.

Jack Kaniak
KIA Lands Div. - Kugluktuk

CARIBOU PROTECTION MEASURES (QAMANIRJUAQ AND BEVERLY HERDS) 1988

CARIBOU PROTECTION AREAS

1\. (a) The Permittee shall not, without approval, conduct any activity between May 15 and July 15 within the Caribou Protection Areas depicted on the map certified by the Engineer as the "Caribou Protection Map" annexed to this Land Use Permit.

(b) A Permittee may, upon approval by the Land Use Inspector, operate within the said Caribou Protection Areas beyond the May 15 deadline set out in 1(a), provided that when monitoring information indicates that caribou cows are approaching the area of operation, the Permittee will implement 1(c).

(c) On cessation of activities pursuant to 1(a) or 1(b), the Permittee will remove all personnel from the zone who are not required for the maintenance and protection of the camp facilities and equipment unless otherwise directed by the Land Use Inspector.

(d) The Permittee may commence or resume activities prior to July 15 within those parts of the Caribou Protection Areas released by the Land Use Inspector for the reason that caribou cows are not expected to use those parts for calving or post-calving (note 1).

.../2

2. (a) In the event that caribou cows calve outside of the Caribou Protection Areas, the Permittee shall suspend operations within the area(s) occupied by cows and/or calves between May 15 and July 15. **CARIBOU PROTECTION GENERAL**

(b) In the event that caribou cows and calves are present the Permittee shall suspend:

(i) blasting,

(ii) overflights by aircraft at any altitude of less than 300 metres above ground level, and

(iii) the use of snowmobiles and ATV's (all-terrain vehicles) outside the immediate vicinity of the camp.

3. (a) During migration of Caribou, the Permittee shall not locate any operation so as to block or cause substantial diversion to migration. **CARIBOU PROTECTION MIGRATION**

(b) The Permittee shall cease activities that may interfere with migration, such as airborne geophysics surveys or movement of equipment, until the migrating caribou have passed.

4. (a) The Permittee shall not, between May 15 and September 1, construct any camp, cache any fuel or conduct any blasting within 10 km of any "Designated Crossing" as outlined on the map certified by the Engineer as the "Caribou Protection Map" and annexed to this Land Use Permit. **CARIBOU CROSSING**

(b) The Permittee shall not, between May 15 and September 1, conduct any diamond drilling operation within 5 km of any "Designated Crossing" as outlined on the map certified by the Engineer as the "Caribou Protection Map" and annexed to this Land Use Permit.

NOTE

1. The Land Use Inspector's decision will be based on the existing caribou information.

2. Concentrations of caribou should be avoided by low level aircraft at all times.

Post-it™ Fax Note

To Gladys Joudrey	From Rick McLean
Co./Dept. F.A.O.	Co. PCG - NWP
Phone #	Phone #
Fax # 867-983-2574	Fax # 519 383-1989

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COMMENT FORM FOR NIRB SCREENINGS

MAY 1 ? 2000

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: __Exploration in the Pistol Lake Area__________
Proponent: __Qikiqtaaluk Corporation__________
Location: __Pistol Lake Area__________, **NIRB#:** __00EN30__________
Comments Due By: _Wednesday June 14, 2000__________

Indicate your concerns about the project proposal below:

- ☐ no concerns
- ☐ water quality
- ☐ terrain
- ☐ air quality
- ☐ wildlife and their habitat
- ☐ marine mammals and their habitat
- ☐ birds and their habitat
- ☐ fish and their habitat
- ☐ heritage resources in area
- ☐ traditional uses of land
- ☐ Inuit harvesting activities
- ☐ community involvement and consultation
- ☐ local development in the area
- ☐ tourism in the area
- ☐ human health issues
- ☐ Other: __________

Please describe the concerns indicated above:

NO INTEREST
Date: May 24/00 RM

Do you have any suggestions or recommendations for this application?

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

Name of person commenting: __________ **of** __________
Position: __________ **Organisation:** __________
Signature: __________ **Date:** __________

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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: __Exploration in the Pistol Lake Area__________________________
Proponent: __Qikiqtaaluk Corporation________________________
Location: __Pistol Lake Area____________, **NIRB#:** __00EN30______________
Comments Due By: _Wednesday June 14, 2000____________________________

Indicate your concerns about the project proposal below:

- ☐ no concerns
- ☐ water quality
- ☐ terrain
- ☐ air quality
- ☐ wildlife and their habitat
- ☐ marine mammals and their habitat
- ☐ birds and their habitat
- ☐ fish and their habitat
- ☐ heritage resources in area
- ☐ traditional uses of land
- ☐ Inuit harvesting activities
- ☑ community involvement and consultation
- ☐ local development in the area
- ☐ tourism in the area
- ☐ human health issues
- ☐ Other: Employment opportunities for Regional (Kitikmeot) people

Please describe the concerns indicated above:

Do you have any suggestions or recommendations for this application?

See Written Attachment

Do you support the project proposal? YES ☐ **NO** ☐

Any additional comments?

Support if Attached Criteria especially Consultation and employment for Kitikmeot are carried through.

Name of person commenting: Doug Crossley **of** Cambridge Bay
Position: Special Advisor **Organisation:** G&T
Signature: Doug Crossley **Date:** May 18/00

Nunavut Impact Review Board
MAY 18 2000
RECEIVED

May 18 2000

Gladys Joudrey
Environmental Assessment Officer
N.I.R.B.
Cambridge Bay, NT

Pistol Lake Exploration Water License Application - NIRB # 00EN030

When I first read through the attached file, I had several concerns because the project proposal application on the NIRB form is quite incomplete. However many of the information gaps were better covered through my review of the Nunavut Water Board application form.

Concerns I have would include:

It seems little effort has been made to contact those most likely affected: the residents of Bathurst Inlet. They should be fully briefed on this initiative for their input and should also have first chance at any of the employment opportunities for which interested residents have appropriate qualifying criteria. I know for a fact that several people from Bathurst Inlet have a lot of mine development experience and would welcome a chance to work so close to home.

There is little concrete assurance that any use of Inuit employees would involve Kitikmeot people. The QIA will serve their own interests first and if this includes having Baffin Inuit gain experience in this sector, it will be at the expense of potential Kitikmeot workers. First opportunities for employment should be offered to residents of this Region; primarily people from Bathurst Inlet, Umingmaktok, Kugluktuk and Cambridge bay. This should be included as a condition of permit approval.

The application references contacting Land Officer Jack Kaniak by phone as their Regional means of involvement with this application. I would think there should be consultation/communication with potentially involved Hamlets and Community organizations and with other Senior staff people within KIA. This will make the **Consultation** portion of their application much more relevant.

I would also prefer to see refuse, empty barrels and accumulated garbage removed on each summer flight backhaul; space available of course. They reference in their application removing all the refuse requirements at a time when they re-supply the camp for the following years' needs.

They also mention the potential of project abandonment should mineral test results not be to required or expected levels.

If Abandonment happens, there could be a lot of waste materials left on site with no other planned purpose to fly these out; other than restoration compliance. It makes sense to me to carry out this need in an ongoing manner as flights come in through the summer.

Finally there are several references to a project and camp start on June 01 this year. I received the input comment form and application this day and it appears the application was received at source (Water Board, NIRB,) on May 12. This seems rather optimistic on the applicant's part as a start date considering the normal length of project review. Their application for such a required start date should have been in long ago. I hope this is not an indication of how all aspects of this project will be adhered towards.

I did find their plans for general camp needs including waste handling, site restoration, incineration, etc., in line with other project applications for which we have recommended approvals.

One to watch I guess if this receives a "Go Ahead".

Regards:

Doug Crossley

Doug Crossley
Special Advisor - CG&T
Cambridge Bay, NT

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COMMENT FORM FOR NIRB SCREENINGS

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Project Title: Exploration in the Pistol Lake Area
Proponent: Qikiqtaaluk Corporation
Location: Pistol Lake Area, **NIRB#:** 00EN30
Comments Due By: Wednesday June 14, 2000

Indicate your concerns about the project proposal below:

- [x] no concerns
- [ ] water quality
- [ ] terrain
- [ ] air quality
- [ ] wildlife and their habitat
- [ ] marine mammals and their habitat
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- [ ] heritage resources in area
- [ ] traditional uses of land
- [ ] Inuit harvesting activities
- [ ] community involvement and consultation
- [ ] local development in the area
- [ ] tourism in the area
- [ ] human health issues
- [ ] Other: ______

Please describe the concerns indicated above:

Do you have any suggestions or recommendations for this application?

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

Name of person commenting: Sam Kapolak **of** Bathurst Inlet, NU
Position: Vice Chair **Organisation:** Burnside H.T.O.
Signature: S. Kapolak **Date:** June 10, 2000

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Nunavut

Culture and Heritage Division

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

May 19, 2000

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

Re: Land Use Application NIRB 00EN030; Exploration Pistol Lake Area (Qikiqtaaluk Corporation)

Due Date: June 14, 2000

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 research application, on the condition that the proponent's activities avoid the known archaeological site(s) 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.

Nunavut Impact Review Board
MAY 26 2000
RECEIVED

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Nunavut

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 archeological 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.

Attachment 1

BN: MgNo-1
UB: MN
LB: go
SN: 001
NAM: Wilberforce Falls
PN: NWT 83-000;;
LOC: West side of Hood River, approximately 1 km below Wilberforce Falls.
TER: NUNAVUT
DST: WEST KITIKMEOT
LAT: 670630
LNG: 1084859
UTM: 12WNK E9477 N4491
MR: 76N
EL: 100 m. ASL
JUR: federal
OWN: Nunavut
TYC: historic
CU: European
RES: Arnold, C.;Lentz, J.W.
OD: 1983;1983
COL: 1983 Arnold, C. PWNHC
UPRE: ASC ARCHIVES Ms. 2354
RE: The site is identified by the presence of eight iron belt axes and other European goods. It may be the spot occupied by Captain John Franklin during his expedition of 1819-22 where canoes were rebuilt prior to an overland trek to Fort Enterprise on his retreat from the arctic coast. Arnold's 1983 collection (acc. 2495) were deaccessioned in 1987 to PWNHC. ASC: 000037542

EXPLANATION OF FIELD MNEMONICS

BN	Borden Number (unique identifier)
NAM	Site name
RN	Reporter number (any temporary number assigned in the field, e.g. 99-12)
PN	Permit number
PRO	Project name
LOC	Location of site
TER	Territory
DST	District
MR	NTS Map Reference
JUR	Jurisdiction (federal, federal-Parks Canada, IOL)
OWN	Owner name; if in a Park or on settlement lands ((e.g., Auyuittuq National Park)
LAT	latitude
LNG	Longitude
UTM	Universal Transverse Mercator Grid
AIR	Air photo reference
EL	Elevation
SIZ	Size and orientation
CON	Condition
TYC	Site type class, prehistoric, indigenous historic, historic, natural, undetermined
FE	Features (e.g., cache, burial, tent ring, sod house)
CU	Culture
PER	Period (relative date, e.g., 17th century)
DAT	Dates (absolute date, e.g., C14 date)
RES	Researcher's name, e.g., Stenton, D.
OD	Observer date
COL	Collections (yes/no; whether artifacts were collected and the final repository: Prince of Wales Northern Heritage Centre or Canadian Museum of Civilization)
PRE	Published reference
UPRE	Unpublished reference (the Sites Office will enter the appropriate ASC Archives manuscript Number here)

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Nunavut Territory Archaeological Site Record Form

Project Information

Project ____________________

Reporter Name ____________________

Address ____________________
____
____
____

Permit Number: ____________________ Observation Date: ____________________

Geographic Information

Field Number: ____________________ Borden Designation: ____________________

Upper Borden: ____________________ Lower Borden: ____________________ Number: ____________________

Site Location: ____________________
____
____
____

Region: Qikiqtani Kivalliq Kitikmeot

Land Owner: Inuit Owned Land Federal Crown Land

Map Reference: ____________________ UTM: ____________________

Latitude: ____________________ Longitude: ____________________

Elevation: ____________________ Air Photo Ref.: ____________________

Site Information

Site Description: ____________________
____
____
____
____

Culture(s): ____________________

Est. Date(s): ____________________

Site Type: ____________________

Site Size: ____________________

Condition: ____________________
____
____

Documentation: Field Notes Photographs Sketch Video

Comments:

Please attach additional pages if necessary.