**SCREENING DECISION****Date: May 22, 2003**

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 03ER053 NWB NWB2HIG KIA KTL301C0009
 High Lake Project (Wolfden Resources Inc.).**

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:

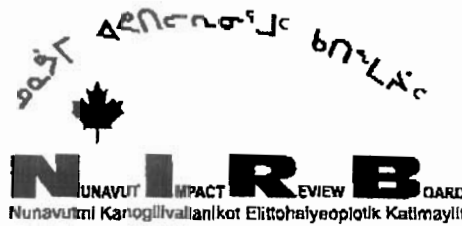
- a) the proposal may be processed without a review under Part 5 or 6; NIRB may recommend specific terms and conditions to be attached to any approval, reflecting the primary objectives set out in Section 12.2.5;
- b) the proposal requires review under Part 5 or 6; NIRB shall identify particular issues 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;



May 22, 2003

To: Jack Kaniak
Lands Manager
Kitikmeot Inuit Association
Kugluktuk, NU

Re: High Lake Project (Wolfden Resources Inc.)
NIRB: 03ER053 KIA: KTL301C0009

Enclosed is the completed NIRB Screening Decision Report on the above-mentioned project.

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

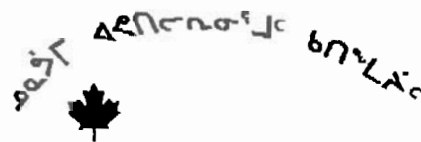
NIRB's indication to the Minister is: 12.4.4 (a) the proposal may be processed without a review under Part 5 or 6; NIRB may recommend specific terms and conditions to be attached to any approval, reflecting the primary objectives set out in Section 12.2.5;

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

Yours truly,

A handwritten signature in dark ink, appearing to be 'GJ', is written below the 'Yours truly,' text.

Gladys Joudrey
Environmental Assessment Officer
Nunavut Impact Review Board



SCREENING DECISION

NIRB
UNAVUT IMPACT REVIEW BOARD
Nunavutmi Kanngiliqallanikot Eittohalyeoplotik Katimayit

Date: May 22, 2003

Mr. Charlie Evalik
President, Kitikmeot Inuit Association
Cambridge Bay, NU

Dear Mr. Evalik:

**RE: Screening Decision of the Nunavut Impact Review Board (NIRB) on Application:
NIRB 03ER053 NWB NWB2HIG KIA KTL301C0009
High Lake Project (Wolfdan Resources Inc.).**

Authority:

Section 12.4.4 of the Nunavut Land Claim Agreement states:

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

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

Primary Objectives:

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

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

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

Reasons for Decision:

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

- the impact of drilling activities on the ecosystem;
- disposal of drill cuttings and waste water;
- impact to water quality, aquatic habitat and wildlife and fish populations from chemicals, drill waste, drill fluids and potential fuel spills;
- storage and disposal of chemicals, fuel, garbage, sewage, and gray water, and impact of these on the ecosystem;
- the impact of noise from drilling activities and their disturbance to wildlife and traditional users of area;
- the impact of campsite and equipment on terrain;
- the impact of exploration activities on archaeological sites or cultural landmarks in the area; 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 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.
3. 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. 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.
4. The Licensee shall ensure that the release of total suspended solids in the receiving environment shall be in compliance with *Guidelines for Total Suspended Solids* contained in the *Canadian Council of Ministers for the Environment's (CCME) Canadian Water Quality Guidelines, Chapter 3 - Freshwater Aquatic Life* (i.e. 10mg/L for lakes with background level under 100mg/L, or 10% for those above 100mg/L).
5. 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.
6. The Licensee shall not locate any sump within thirty (30) metres of the normal high water mark of any water body.

7. 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.
8. 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

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

Fuel and Chemical Storage

10. The Licensee shall ensure that fuel storage containers are not located within thirty (30) metres of the ordinary high water mark of any body of water.
11. 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. The use of secondary containment, such as self-supporting insta-berms is recommended.
12. The Licensee shall take all reasonable precautions to prevent the possibility of migration of spilled petroleum fuel or chemicals over the ground surface.
13. The Licensee shall mark all fuel containers with the Licensee's name.
14. The Licensee shall dispose of all combustible waste petroleum products by incineration or removal from the site.
15. The Licensee shall use drip pans, or other preventative measures when refueling equipment on site.
16. The Licensee shall have emergency response and spill contingency plans in place prior to the commencement of the operation.
17. 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

18. 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.
19. The Licensee shall not locate any sumps or areas designated for waste disposal within thirty (30) metres of the ordinary high water mark of any body of water, unless otherwise authorized.
20. The Licensee shall construct a sump to contain all greywater discharged and shall ensure drainage is away from any waterbody.
21. The Licensee shall backfill and recontour all sumps to match the natural environment prior to the expiry date of the permit.

22. The Licensee shall ensure that all wastes generated through the course of the operation are backhauled and disposed of in an approved dumpsite.
23. The Licensee shall not bury any wastes.
24. The Licensee shall deposit all scrap metal, discarded machinery and parts, barrels and kegs, at an approved disposal site.

Wildlife

25. The Licensee shall ensure that there is no damage to wildlife habitat in conducting this operation.
26. The Licensee shall not feed wildlife.
27. The Licensee shall make every effort to prevent the unintentional harassment of caribou, muskox and nesting or molting waterfowl at all times. It is an offense under the Wildlife Act to harass wildlife.
28. The Licensee shall not conduct any activity associated with the land use operation during critical periods of wildlife cycles (e.g. caribou migration, calving or raptor nesting).
29. The Licensee shall immediately report problem wildlife to the Department of Sustainable Development (DSD) wildlife officers.
30. 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.
31. 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.
32. The Licensee shall not obstruct the movement of fish while conducting the land use operation.
33. The Licensee shall ensure that the drill sites avoid known environmentally sensitive areas (calving, denning, nesting etc.) by a minimum of 250 metres.
34. The Licensee shall not allow any employee to hunt or fish, unless the appropriate permits and licenses are acquired from a Renewable Resources Officer.

Environmental

35. The Licensee shall ensure that the land use area is kept clean and tidy at all times.
36. The Licensee shall prepare the site in such a manner as to prevent rutting of the ground surface.
37. 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.
38. The Licensee shall not move any equipment or vehicles unless the ground surface is in a state capable of fully supporting the equipment or vehicles without rutting or gouging.
39. The Licensee shall suspend overland travel of equipment or vehicles if rutting occurs.

Camp

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

Archaeological

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

Reclamation

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

Other Recommendations

1. NIRB would like to encourage the proponent to hire local people and services, to the extent possible.
2. NIRB strongly advises the proponent to consult with the local residents regarding their activities in the region and that the information be presented to the community in the community's preferred language.
3. Any amendment requests deemed by NIRB to be outside the original scope of the project will be considered a new project.
4. The Environmental Protection Branch (DOE), Department of Fisheries and Oceans (DFO), Nunavut Impact Review Board (NIRB), and the Nunavut Water Board (NWB) should be advised of any material changes to plans or operating conditions associated with the project.

Validity of Land Claims Agreement**Section 2.12.2**

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

Dated May 22/03 at Arviat, NU


Elizabeth Copland, Chairperson

04/28/2003 MON 08:31 FAX 867 982 3311 KIA

09-Apr-2003 01:50pm From-Nunavut Impact Review Board

T-610 P.002/003 F-772

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 the project proposals, NIRB would like to hear your concerns, comments and suggestions about the following project application:

Project Title: Renewal High Lake Project
 Proponent: Wolfden Resources Ltd.
 Location: High Lake in the Kitikmeq
 Comments Due By: Wednesday, April 16, 2003 NIRB #: 03ER053

Indicate your concerns about the project proposal below:

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

Please describe the concerns indicated above:

Camp is close to water due to surrounding terrain

Do you have any suggestions or recommendations for this application?

improved vigilance against spills

Do you support the project proposal? Yes ☒ No ☐ Any additional comments?

Name of person commenting: Jeffrey Blunk of Kugluktuk
 Position: Env. Scrammer Organization: KIA
 Signature: Jeffrey Blunk Date: April 28/03

APR-10-03 12:48 From:ENV CAN IQALUIT NUNAVUT

8969754645

T-584 P.02/03 Job-295



Environment
Canada

Environnement
Canada

Environmental Protection Branch
Qimugjuk Building 969 P.O. Box 1870
Iqaluit, NU X0A 0H0
Tel: (867) 975-4839
Fax: (867) 975-4645

April 10, 2003

Our file: 4703 001 032

Gladys Joudrey
Environmental Assessment Officer
Nunavut Impact Review Board
P.O. Box 2379
Cambridge Bay, NU X0B 0C0
Tel: (867) 983-2593
Fax: (867) 983-2594

RE: NIRB 03ER053 – Wolfden Resources Ltd. – High Lake Project

On behalf of Environment Canada (EC), I have reviewed the information submitted with the above-mentioned application. The following specialist advice has been provided pursuant to Environment Canada's mandated responsibilities for the enforcement of the *Canadian Environmental Protection Act*, Section 36(3) of the *Fisheries Act*, the *Migratory Birds Convention Act*, and the *Species at Risk Act*.

Wolfden Resources Ltd. is proposing to conduct a base metal mineral exploration project in the Kitikmeot region of Nunavut, approximately 175 km northwest of Kugluktuk. The proponent plans to continue their diamond drilling program started in 2001-2002 in the hopes of increasing the size of the known reserves to a point where extraction will be feasible. The 2003 project is proposed to be conducted in two overlapping phases. Phase 1 will consist of ground geophysical surveying, and the second phase will include diamond drilling in the areas identified as areas of interest during Phase 1. The campsite for the project will be located on the southwest shore of High Lake, and will consist of nine tents accommodating 18 people.

Environment Canada requests the following information in order to facilitate the review of this project:

- When available, a map detailing the location of all drill holes, especially in relation to water.
- Information regarding the types of drilling additives that are to be used, including Material Safety Data Sheets (MSDS's) for each additive to be used.

Environment Canada recommends that the following conditions be applied throughout all phases of the project:

- The proponent shall not deposit, nor permit the deposit of any fuel, drill cuttings, chemicals, wastes or sediment into any water body. According to the Fisheries Act, Section 36(3), the deposition of deleterious substances of any type in water frequented by fish, or in any place under any conditions where the deleterious substance, or any other deleterious substance that results from the deposit of the deleterious substance, may enter any such water, is prohibited.
- ✓ Drilling additives or muds shall not be used in connection with holes drilled through lake ice unless they are re-circulated or contained such that they do not enter the water, or are demonstrated to be non-toxic.
- ✓ For "on-ice" drilling, return water released must be non-toxic, and not result in an increase in total suspended solids in the immediate receiving waters above the Canadian Council of Ministers for the Environment Guidelines for the Protection of Freshwater

Canada



APR-10-03 12:48 From:ENV CAN IQALUIT NUNAVUT

8989754645

T-584 P.03/03 Job-295

- Aquatic Life (i.e. 10mg/L for lakes with background levels under 100 mg/L, or 10% for those above 100mg/L).
- ✓ If an artesian flow is encountered, drill holes shall be immediately plugged and permanently sealed.
 - ✓ The proponent has indicated that drilling additives may be used in association with this project. Environment Canada would like to inform the proponent that the *Canadian Environmental Protection Act* has recently listed CaCl as a toxic substance. The proponent shall therefore ensure that if CaCl is used as a drill additive, all sumps containing CaCl are properly constructed and located in such a manner as to ensure that the contents will not enter any water body.
 - All sumps and fuel caches shall be located above the high water mark of any waterbody and in such a manner as to prevent the contents from entering any waterbody frequented by fish. Further, all sumps shall be backfilled upon completion of the project and recontoured to match the existing landscape.
 - ✓ Environment Canada recommends the use of an approved incinerator for the disposal of combustible camp wastes.
 - ✓ When storing barreled fuel on location, EC recommends the use of secondary containment, such as self-supporting insta-bcrms.
 - ✓ The spill contingency submitted with the application states that only "major spills" are to be reported to Environment Canada. All spills shall be documented and reported to the NWT Spill Response Line at (867) 920-8130.
 - ✓ Drip pans, or other preventative measures, should be used when refueling equipment on site.

Please do not hesitate to contact me with any questions or comments with regards to the foregoing at (867) 975-4639 or by email at colette.meloche@ec.gc.ca.

Yours truly,



Colette Meloche
Environmental Assessment Specialist

cc: (Mike Fournier, Northern Environmental Assessment Coordinator, Environment Canada, Yellowknife)



Pithohilikionl

Re: Land Use Application NIRB 03ER053 High Lake Project (Wolfden Resources Ltd.)

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,

Douglas Stenton
Director, Heritage
Department of Culture, Language, Elders and Youth

Encl.



ARCHAEOLOGICAL AND PALAEOONTOLOGICAL RESOURCES TERMS AND CONDITIONS FOR LAND USE PERMIT HOLDERS

BACKGROUND

Archaeology

As stated in Article 33 of the Nunavut Land Claims Agreement:

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. [33.2.1]

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. [33.2.2]

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 Claims Agreement. [33.2.5]

Palaeontology

Under the Nunavut Act¹, the federal government can make regulations for the protection, care and preservation of palaeontological sites and specimens in Nunavut. Under the *Nunavut Archaeological and Palaeontological Sites Regulations*², it is illegal to alter or disturb any palaeontological site in Nunavut unless permission is first granted through the permitting process.

Definitions

As defined in the *Nunavut Archaeological and Palaeontological Sites Regulations*, the following definitions apply:

"archaeological site" means a place where an archaeological artifact is found.

¹ s. 51(1)

² P.C. 2001-1111 14 June, 2001

"archaeological artifact" means any tangible evidence of human activity that is more than 50 years old and in respect of which an unbroken chain of possession or regular pattern of usage cannot be demonstrated, and includes a Denesuline archaeological specimen referred to in section 40.4.9 of the Nunavut Land Claims Agreement.

"palaeontological site" means a site where a fossil is found.

"fossil" includes:

- (a) natural casts
- (b) preserved tracks, coprolites and plant remains; and
- (c) the preserved shells and exoskeletons of invertebrates and the eggs, teeth and bones of vertebrates.

Terms and Conditions

- 1) The permittee shall not operate any vehicle over a known or suspected archaeological or palaeontological site.
- 2) The permittee shall not remove, disturb, or displace any archaeological artifact or site, or any fossil or palaeontological site.
- 3) The permittee shall immediately contact the Department of Culture, Language, Elders and Youth (867) 934-2033 or (867) 975-5500 should an archaeological site or specimen, or a palaeontological site or fossil be encountered or disturbed by any land use activity.
- 4) The permittee shall immediately cease any activity that disturbs an archaeological or palaeontological 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.
- 5) The permittee shall follow the direction of the Department of Culture, Language, Elders and Youth and DIAND in restoring disturbed archaeological or palaeontological sites to an acceptable condition.
- 6) The permittee shall provide all information requested by the Department of Culture, Language, Elders and Youth concerning all archaeological sites or artifacts and all palaeontological sites and fossils encountered in the course of any land use activity.
- 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 artifacts, and palaeontological sites and fossils.
- 8) The permittee shall avoid the known archaeological and/or palaeontological sites listed in Attachment 1.

9) The permittee shall have an archaeologist or palaeontologist perform the following functions, as required by the Department of Culture, Language, Elders and Youth:

- a) survey
- b) inventory and documentation of the archaeological or palaeontological resources of the land use area
- c) assessment of potential for damage to archaeological or palaeontological sites
- d) mitigation
- e) marking boundaries of archaeological or palaeontological sites
- f) site restoration

The Department of Culture, Language, Elders and Youth shall authorize by way of a Nunavut Archaeologist Permit or a Nunavut Palaeontologist Permit, all procedures subsumed under the above operations.

04/08/2003 06:54 8679834024

DOUG CROSSLEY

PAGE 01



April 08 2003

Gladys Joudrey
Environmental Assessment Officer
NIRB - Cambridge Bay

High Lake Project - Wolfden Resources

This seems to be a well presented and "small footprint" exploratory operation that at this stage of permitting appears to be low impact on the surrounding terrain.

The area in question to be explored seems small in comparison to other projects we have screened. The proponent seems to realize the opportunity of utilizing available community resources. I am aware of a couple of people here in Cambridge Bay who have been contacted for potential employment this season should the approvals be gained and work proceed at this site.

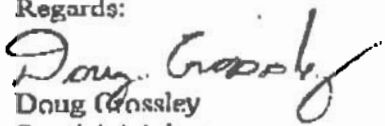
The temporary camp appears to pose little environmental risk to the adjacent High Lake. Quantities identified for water use are minimal. Camp locations on the map appear to have appropriate setbacks from the adjacent water body. I like the fact that they reference removing all non combustible material on back haul flights to Yellowknife.

The proponent should be aware of the need for monitoring of any spills as they have submitted a fairly comprehensive spill containment process. They should also be prepared to adhere to appropriate noise reduction and/or work stoppage situations during times the caribou migration might pass through their area of activity. The timing and location for this application seem likely that this animal movement in their vicinity might occur.

Given the proximity of this exploration to the Community of Kugluktuk, it seems strange that the HTO and the Hamlet there were not provided a chance to review and comment towards this application. They are the closest community of impact.

Otherwise, I have no further issues to identify and I do support this phase of their application.

Regards:


Doug Crossley
Special Advisor
CG&T - Cambridge Bay

04/08/2003 08:54 8679834024
02-Apr-2003 04:33pm From-Nunavut Impact Review Board

DOUG CROSSLEY

PAGE 02

T-498 P.002/003 F-799

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 the project proposals, NIRB would like to hear your concerns, comments and suggestions about the following project application:

Project Title: <u>Renewal High Lake Project</u>	
Proponent: <u>Wolfdan Resources Ltd.</u>	
Location: <u>High Lake in the Kitikmeot</u>	
Comments Due By: <u>Wednesday, April 16, 2003</u>	NIRB #: <u>03ER053</u>

Indicate your concerns about the project proposal below:

<input type="checkbox"/> no concerns	<input type="checkbox"/> traditional uses of land
<input type="checkbox"/> water quality	<input type="checkbox"/> past harvesting activities
<input type="checkbox"/> terrain	<input checked="" 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"/> bering resources in area	

Please describe the concerns indicated above:

Input from Kugluktuk might identify additional issues

Do you have any suggestions or recommendations for this application?

Caution + potential noise reduction (helicopter/drilling) during potential caribou migration activity

Do you support the project proposal? Yes ☒ No ☐ Any additional comments?

Name of person commenting: Doug Crossley **of** Cambridge Bay

Position: Special Advisor **Organization:** CGI

Signature: Doug Crossley **Date:** April 08/03



www.inac.gc.ca
Affaires Canada

www.ainc.gc.ca
et au Nord Canada

Water Resources Division
Qimugjuk Building
P.O. Box 2200
Iqaluit, Nunavut
X0A 0H0

April 8, 2003

Your file - Votre référence

NWB2HIG

Our file - Notre référence

Ms. Phyllis Beaulieu
Licensing Administrator
Nunavut Water Board
P.O. Box 119
Gjoa Haven, Nunavut
X0B 1J0

Re: High Lake Project - NWB2HIG

On behalf of Indian and Northern Affairs Canada (INAC), I have reviewed the renewal application submitted for the High Lake Project. Based on the provisions of the current water licence and the mitigative measures outlined in the application submitted by Wolfden Resources Ltd., INAC does not have any significant water related concerns.

The following list outlines recommended conditions that should be incorporated into the water licence to prevent any potential impacts on water.

- All waste disposal areas, sewage treatment facilities, grey water sumps, and fuel caches should be located a minimum of 30 metres from the normal high water mark of any water body, and be sufficiently bermed or otherwise contained to ensure that deleterious substances do not enter any water bodies.
- All sumps should be backfilled and properly restored prior to leaving the site.
- All noncombustible garbage should be stored/disposed of in an approved disposal site. For a small camp, the most appropriate method is likely the removal of non-combustible waste from the site.
- Hazardous waste, such as petroleum or batteries, should be segregated from the domestic waste and stored/disposed of in an appropriate manner. As with noncombustible waste, the most appropriate method for a small camp is likely the removal of hazardous waste from the site.

Canada

- The camp should have an appropriate spill contingency plan as well as an abandonment and restoration plan for the dismantling of the camp. These plans should include provisions for the water treatment and waste disposal facilities.
- All spills of oil, fuel, or other deleterious substances should be immediately reported to the 24-Hour Spill Line at (867) 920-8130. The spill should also be reported to INAC's Water Resource Officer at (867) 975-4298, and a report should be provided with the follow-up measure taken to remediate the spill.

Should you have any questions or comments, please do not hesitate to contact me at (867) 975-4548 or by e-mail at mcchristiem@inac.gc.ca.

Sincerely,
Original signed by:

Michelle McChristie
Kitikmeot/Kivalliq Regional Coordinator

c.c.: C. Bodykevich, Water Resources Officer
G. Joudrey, Nunavut Impact Review Board