

# Nunavummi Qaujisaqtulirijikkut /Nunavut Research Institute

Box 1720, Iqaluit, NT X0A 0H0 phone: (819) 979-4108 fax: (819) 979-4681 email: slcnri@nunanet.com

## Reviewer Recommendation Form: Land &/or Water based Research

Applicant Name:	Tahera Corporation
Project Name:	Jericho Diamond Project 2004
Review Panel Name:	Executive director, NWB
Region:	Kitikmeot

Research Discipline:

Panel Comments:

Requested Terms or Conditions:

Recommend Approve ☐  
Recommend Reject ☐

Annual ☐ or  
Multi-year ☐

Signature

Title:

Date



4/28/2004


## DISTRIBUTION

Please find enclosed a copy of an application for a *Science Research License* from **Tahera Corporation, Wolfden Resources**.

Tahera Corporation's research is titled "*Jericho Diamond Project 2004*" and is proposed to take place from June 1 2004 to September 31, 2004.

As per the **Scientists' Act** of Nunavut, community consultation is required before a Science Research Licence can be issued. The documentation is provided for your information and review. A **Reviewer Recommendation Form** is enclosed for your response by **June 13, 2004**.

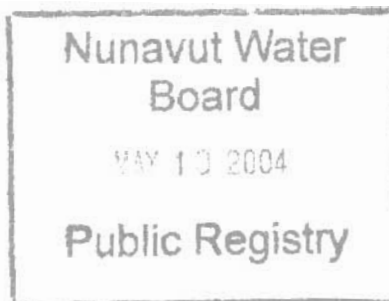
Thank you for your continued assistance. Please contact our office if you have any questions or concerns regarding the above.

  
per Mary Ellen Thomas  
Manager, Research Liaison

encl.

cc: Environmental Assessment Screener, NIRB  
Lands Manager, KIA  
Executive director, NWB  
Director of Wildlife Management, NWMB  
Mayor SAO Kugluktuk  
Chairperson HTO Kugluktuk  
Executive Director NPC  
Mayor SAO Cambridge Bay  
Chairperson HTO Cambridge Bay

INTERNAL	
PC	dp
MA	
FO	
LA	
BO	
ST	
TA1	
TA2	
RC	
ED	
CH	
BRD	
EXT.	





Nunavut Research Institute  
 Nunavummi Qaujisaqtulirijikkut  
 Box 1720, Iqaluit, NT X0A 0H0  
 phone: (867) 979-4108  
 fax: (867) 979-4681  
 email: [slcnri@nunanet.com](mailto:slcnri@nunanet.com)  
[www.nunanet.com/~research](http://www.nunanet.com/~research)

## SCIENTIFIC RESEARCH LICENCE APPLICATION (Land, Freshwater & Marine Based Research)

### SECTION 1: APPLICANT INFORMATION

<b>1. Applicant Information</b>	
Applicant's full name, title, and mailing address:	Tahera Corporation Suite 803 121 Richmond Street West Toronto, Ontario M5H 2K1
Fax:	416-777-1898
Phone:	416-777-1998
Email:	missal@tahera.com
<b>2. Supervisor Information</b>	
Field Supervisor (address, if different from above)	As above
Phone: (radio or otherwise)	As above
<b>3. Other Personnel</b>	
List name and position:	Contractors to be engaged. Field assistants, as required, to be engaged from Kitikmeot communities.
Total # of personnel:	8
Total # of person days:	750

### SECTION 2: AUTHORIZATION NEEDED

<b>4. Authorization Contacts</b>	
----------------------------------	--

List the organizations you will contact for necessary authorizations associated with the project:	Nunavut Wildlife Management Board - Wildlife permit Fisheries & Oceans Canada - Fish collection permit CLEY (archaeologist) - Heritage resource assessment permit
5. Authorization	
List the active permits, licences, or rights related to the project and their expiry date:	Not applicable except NRI licence, wildlife permit, fish collection permit and archaeology research permit

### SECTION 3: PROJECT PROPOSAL DESCRIPTION

6. Project Duration:					
Period of operation:	1 Jun 2004 - 30 Sep 2004				
Proposed term of permit:	2004 - 2006				
Project Title:	Jericho Diamond Project				
7. Location(s) of data collection:					
Location Name	Region	Latitude	Longitude	NTS Map	Land Status
Jericho	West Kitikmeot	65 59' 50"	111 28' 30"	76L, 76E	Crown and Inuit
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

### NON-TECHNICAL PROJECT PROPOSAL SUMMARY

8. Non-Technical Project Proposal Summary

### SECTION 4: MATERIAL USE

9. List equipment (including drills, pumps, aircrafts, etc.)		
Equipment Type and Number	Size-dimensions	Proposed Use

Existing exploration camp	1 ha	Base of operations
Helicopter charter	206 class	access support, wildlife & fisheries
Fixed wing charter	Twin Otter class	Access from Yellowknife or Cambridge Bay
Inflatable boat & motor	14 ft	fisheries studies; water & sediment collection
Cameras	-	Site documentation
-	-	-

10. Detail fuel and hazardous materials use

Fuels	Number of Containers	Capacity (gal/litres)
Diesel	-	-
Gasoline	1	205L
Aviation Fuel	40	205L
Propane	-	-
Other	-	-
Hazardous Materials	Number of Containers	Capacity (gal/litres)
-	-	-
-	-	-
-	-	-
Describe method of fuel transfer	Electric pump by helicopter pilot or engineer for jet fuel Hand pump from barrel in camp area for gasoline	

11. Spill Contingency Plan

Describe any procedures and materials in place to handle accidental spills. Please fax or mail your spill contingency plan and other appropriate

Jet fuel is stored at the exploration fuel farm which is bermed and has a spill kit. The gas barrel will be stored at the exploration camp which has a spill kit.

information about the hazardous materials associated with the proposed project.

## SECTION 5: WASTE DISPOSAL AND TREATMENT FACILITIES

12. Describe amount and methods of disposal:

Type of Waste	Projected Amount Generated	Method of Disposal	Additional Treatment Procedures
Sewage	?	biolet toilet	incineration
Grey Water	Approx 40,000 L	Settling lagoon	aeration
Garbage	Approx 1,000 kg	camp incinerator	ash buried
Overburden	n/a	-	-
Hazardous Waste	n/a	-	-
Other	n/a	-	-

## SECTION 6: RESTORATION AND ABANDONMENT PLANS

13. Site Restoration

Describe the proposed procedure for site restoration upon abandonment of any area associated with the project.

No site disturbance from activities. Exploration camp is operated under a \$900,000 reclamation bond through Nunavut Water Board.

## SECTION 7. ENVIRONMENTAL IMPACT

14.

Indicate and describe the components of the environment that are near the project area, as applicable. Fax or mail any relevant maps or information.

Type of Species	Important Habitat Area	Critical Time Periods
Fish:	--	--
Caribou:	--	--
Muskox:	--	--
Raptor:	--	--
Migratory Birds:	--	--
Waterfowl:	--	--
Seals:	--	--
Whales:	--	--
Narwhals:	--	--
Canid Family:	--	--
Bears:	--	--
Eskers:	--	--
Communities:	--	--
Sites:	--	--

15.

Indicate and describe other known uses of the area such as local development, traditional use (hunting/fishing/spiritual), outfitting, tourism, mineral development, research, etc.

Lupin Mine 29 km south; temporary hunting camp outfitted by Bathurst Inlet Lodge 35 km southeast; one Inuit family summer camp on Contwoyto Lake east of Lupin Mine.

16.

Describe the impact of the proposed project activity on the environmental components and uses, in the area listed above

Water and sediment samples will be collected (very small amounts for analysis)  
A small number of fish may be collected for aging; most will be released  
All other activities are non-consumptive observational only

17.

What are some suggested mitigation measures for these impacts?

Helicopter flights will be arranged so as to minimize or eliminate any impacts on wildlife. Accommodations and camp impacts will be confined to an existing facility where effects are managed and limited to the extent possible and covered by an approved reclamation plan.

## SECTION 8: COMMUNITY INVOLVEMENT AND REGIONAL BENEFITS

18.

Community Representatives

List the community representatives

that you have  
contacted about  
this proposed  
project.

Community	Name	Organization	Date contacted	Means	Telephone	Fax
Cambridge Bay	Sean Peterson	KETP	to contact	phone	-	-
Kugluktuk	Larry Adjun	Employment officer	to contact	phone	-	-
Gjoa Haven	-	Employment officer	to contact	phone	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

#### 10. Local Involvement

Describe the level of involvement that the residents of Nunant have had with respect to the proposed project. Elaborate on local employment opportunity, local benefits, training programs (if applicable)

#### 11. Community Support

Describe, and fax or mail documentation regarding community concerns or support for the proposed project.

Jet fuel is stored at the exploration fuel farm which is bermed and has a spill kit. The gas barrel will be stored at the exploration camp which has a spill kit.

#### 12. Traditional Knowledge

Is there a Traditional Knowledge (TK) component to this research project?



**HIGH LAKE PROJECT**  
**NON-TECHNICAL PROJECT PROPOSAL SUMMARY**  
**In support of Nunavut Research Institute Research Permit Application**

Wolfden Resources Inc., through its consultant Gartner Lee Limited, will develop and complete environmental and socio-economic baseline information gathering programs to develop an understanding of the environmental, social and economic conditions for the High Lake Project. And, to meet environmental assessment and regulatory requirements for developing the High Lake Project into an operating gold and base metal mine, that will have about a 15 year mine life. Information gathering is expected to take several field seasons to complete, with most of the site information being collected in the summer. Socio-economic information and traditional knowledge gathering will occur throughout the year, and at the planned community meetings. Wolfden's vision is to bring the High Lake property into mining production for the benefit of its shareholders and the residents of Nunavut in a manner that respects the environmental and socio-economic conditions in Nunavut. Wolfden will operate in a highly professional manner to generate trust and respect between the firm and residents of Nunavut.

The High Lake Project consists of: the High Lake and Ulu mineral properties; transportation corridors from Ulu to High Lake (to transport ore from Ulu to High lake for processing) and north to the coast (to transport ore concentrate to the coast for shipping to market, and bringing back supplies to High Lake and Ulu); and a deepwater port facility at Grays Bay on the Coronation Gulf. The High Lake Project is located in the Kitikmeot Region of Nunavut.

Field work will include studies to gather environmental and socio-economic information that will help in design and construction planning. For all field studies, access will be by helicopter, boat or on foot as appropriate; ATVs will also be used near the existing camps, located at High Lake and Ulu. These camps will be used as the base camps for the field work. Sampling methods will include the collection of water, soil, rock, vegetation, and fish samples for analysis. Information will also be gathered about wildlife, birds, vegetation, fish, and weather conditions. Information on marine mammals, ice and weather conditions in the Coronation Gulf will be collected for proposed shipping activities. Weather stations will be constructed at High Lake and Ulu to gather weather information. Archaeological studies of the area are also being done.

**HIGH LAKE HAVAANGA****PILUAQNANGITTUNUT HAVAAQ UUKTUGUTAUYUQ UNIQTUUTA TAINAQHIMAYUQ  
Ikayuqtugut tapkununga Nunavut Naunaiyaiyit Piyungnauta Tukhiqtugut**

Wolfdon Resources Nanminilgit atuqhugit qauymayigiya Gartner Lee Nanminilgit, pivallatitiniat tapkuatlu iniqtiqlugit avatiliginiqmun tapkuatlu inungnut-maniliuguhiqnut aulahimaititlugit naunaiyaqni tuhaqtakhat katitigaunil havagutit tapkuat pivallatitaunilnut kangiqhimanil tapkuat avatiliginiqmun, inuliginiqmun tapkuatlu maniliuguhiqmut qanugitni taphumunga High Tahiq Havaanga. Tamnalu, pinahuaqhugu avatiliginiqmun naunaiyaqnia tapkuatlu aulattiyit atugiaqaqtitai tapkuat pivallatitaunilnut tamna High Tahiq ProHavaanga pilugu aulattukhaq guulinut tapkuatlu atuqtauvaktut havikhat uyagakhiuqvik, tamna pihimaniaq mikhaani 15 ukiunik uyagakhiuqviluni. Tuhagakhat katitayut nigiyugiyayut qaphinik ukiunik havakvikmi iniqtigaunahuaqniat, tapkuat amihuuniqpaat taphuma havalviup tuhaqtakhai katitigaulutik auyami. Inungnut-maniliuguhiqmut tuhaqtakhat tapkuatlu ilitquhiit naluyaungitni katitigauniat tapkunani ukiungani, tapkuatlu upalungalyaqviani nunaliuyut miiitqini. Wolfdon-kut ihumagiyat pinahuaqniat tamna High Tahiq havakvia uyagakhiuqviliqitniani tapkuat ihuaqutikhainik tapkuat nanminiaqviuniinik tigumiagutit tapkuatlu nunaliuyut talvani Nunavutmi pilutik havaguhiqut tapkuat nalakniqaqlutik avatiliginiqmun tapkuatlu inungnut-maniliuguhiqmun qanugitniinik talvani Nunavutmi. Wolfdon aulattiniat havaguhiqaqlutik havaktiqlutit pitquhiqaqlutik pinahuaqlutik ukpigiyauniqmun tapkuatlu nalakniinik tapkuat nanminilgit tapkuatlu nunaliuyut talvani Nunavutmi.

Tamna High Tahiq Havaanga pilik tapkuninga: tamna High Tahiq tamnalu Ulu havikhanut havakvi; apqutigiyaavaktut talvangat Ulu talvunga High Tahiq (tapkuat agyaqtuqniinik havikhat talvangat Ulu talvunga High lake havikhaliuqtauyukhat) talvungalu kitaanut tagiup hinaanut (tapkuat agyaqtuqniinik havikhat hiqumagikhihimayut tahamunga tagiup hinaanut umiaqpakut niuvgutauyukhat, tapkuatlu tikipkaqniinik atuqtakhat talvunga High Tahiq tamnalu Ulu); tamnalu itiyumi tulaktaqvik havagutai talvani Grays Kangiqhuk tahamani Kugluktup Tagiungani. Tamna High Tahiq Havaanga inilik tahamani Kitikmeot Nunaliit Aviktuqhimaniani Nunavutmi.

Havakviuyuni havaktauyut ilaqaqniat naunaiyaqniinik tapkuat katitigauniinik avatiliginiqmun tapkuatlu inungnut-maniliuguhiqnut tuhaqtakhat tapkuat ikayugutauniat tapkuat hanatyuhikhainut tapkuatlu hanayakhat upalungaiyaqni. Tapkununga tamaitnut havakviuyuni, tikittagauniat halikaptakut, qayakkut uvaluniit pihuklutik naliak ihuatqiyaukpat; hantait atuqtauvakniqmiyut haniani tapkuat tatyat atuqtut hiniktaumaviit, inilgit talvani High Tahiq tamnalu Ulu. Tahapkuat hiniktaumaviit atuqtauniat angilgaqtaqviliutik tapkuanunga maniqami havakviuyuni. Naunaiyainiqmun pityuhil ilaqaqniat tapkuat katitigauniinik Immit, nunat, uyaqat, nauttiat, tapkuatlu iqaluit naunaiyaqtakhat. Tuhaqtakhatlu tapkuninga tagiuni angutikhat, hiku tamnalu hilap qanugitnia tahamani Kugluktup Tagiungani katitigauniat tapkununga uuktugutauninut umiaqpait huliniinut. Hilaligiviit hanayauniat talvani High Tahiq tamnalu Ulu katitigahuaqhugit hilamun tuyhaqtakhat. Pitquhiuqat naunaiyaqni tahamani nunaani piyauniamiyut.



WILLINGHAM LAKE

Proposed Water Quality Monitoring Sites

- Year Round Water Quality
- ◇ Sediment
- Summer Only Water Quality

Tahera Corporation

Proposed  
Operational  
Monitoring

Scale 1:6000 Population UTM MNC 27 Zone 17 (Canada)

0m 1500m

JERICHO LAKE

CIGAR LAKE

LAKE  
C3

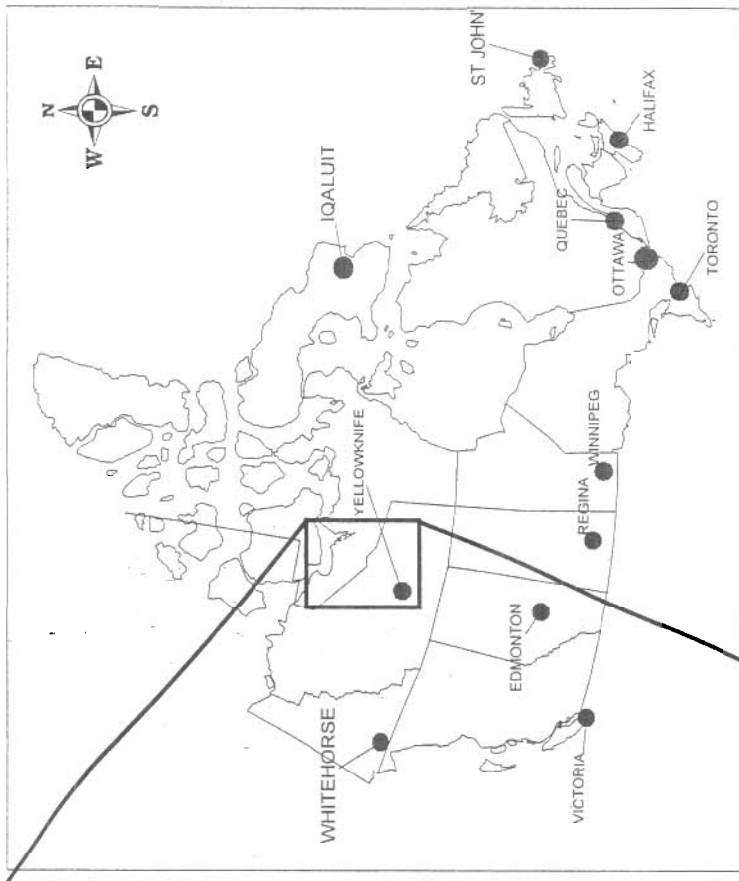
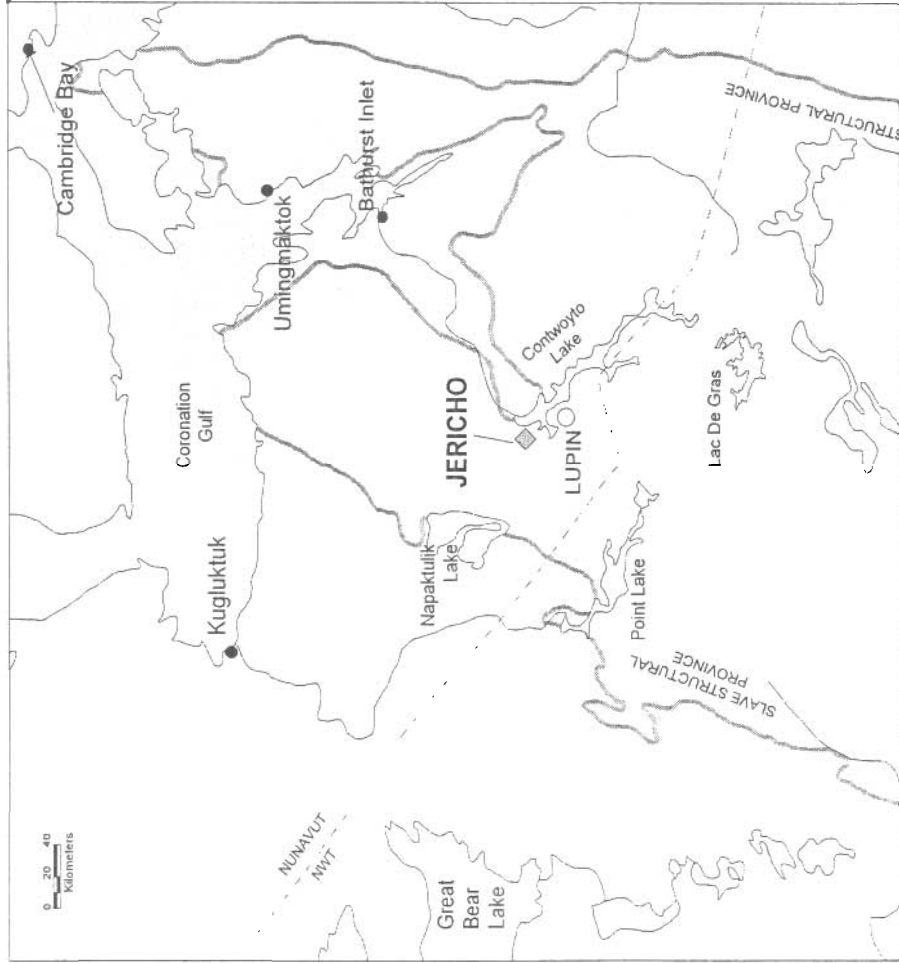
CARAT LAKE

WATER INTAKE

CONTROL  
LAKE

PKCA DISCHARGE

CONTWOYTO  
LAKE



Property Location Map