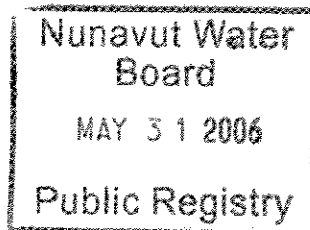


May 31, 2006

NIRB File No.: 06QN052

City of Iqaluit  
c/o Crystal Jones  
PO Box 460  
Iqaluit, NU X0A 0H0



Via email: [c.jones@city.iqaluit.nu.ca](mailto:c.jones@city.iqaluit.nu.ca)

**Re: Application Acknowledgement for Iqaluit Northwest Granular Aggregate Evaluation Project Proposal – Government of Nunavut Community and Government Services LUP # 800-0-LUP**

Dear Crystal Jones:

The Nunavut Impact Review Board (NIRB or Board) acknowledges receipt on May 23, 2006 of the City of Iqaluit's Northwest Granular Aggregate Evaluation Project Proposal from Government of Nunavut Community and Government Services. NIRB has assigned this Project Proposal file number, 06QN052. All documents received and pertaining to this Project Proposal can be obtained from NIRB's ftp site at [http://ftp.nunavut.ca/nirb/NIRB\\_ACTIVE\\_SCREENINGS/](http://ftp.nunavut.ca/nirb/NIRB_ACTIVE_SCREENINGS/) including:

- *NIRB Part 1 Summary Application Form in English*
- *NIRB Part 1 Summary Application Form in Inuktitut (Pending – week of June 5 – 8, 2006)*
- *Map*
- *Government of Nunavut – Community and Government Services Applicant Information*

Pursuant to Part 4, Article 12 of the Nunavut Land Claims Agreement (NLCA), NIRB shall proceed to screen the subject Project Proposal. This said, NIRB reserves the right to request additional information at any time during the process. NIRB will copy Crystal Jones on screening process related correspondence and upload related documents to the above ftp site for Public access.

By way of copy of this letter and inclusion of the enclosed comment form, to the distribution list including municipalities and groups most affected by the City of Iqaluit's Project Proposal, we invite interested persons to comment directly to the NIRB by June 9, 2006. NIRB has shortened the comment period to respect the request from the City of Iqaluit and Community and Government Services to expedite, as best possible, the screening of this file. Should any party have a concern with this timeframe, please do not hesitate to contact the NIRB office or the Technical Advisor (contact below).

If you have any questions or concerns, feel free to contact NIRB's Technical Advisor, Carolanne Inglis at 867-983-4607 or [cinglis@nirb.nunavut.ca](mailto:cinglis@nirb.nunavut.ca).

Sincerely,  
(original signed by:)

Carolanne Inglis  
Nunavut Impact Review Board

Cc     Distribution List  
       Sylvia Taylor: Senior Land Administration Specialist ([staylor@gov.nu.ca](mailto:staylor@gov.nu.ca))

Attachments:  
       Comment Form

## COMMENT FORM FOR NIRB SCREENINGS

The Nunavut Impact Review Board (NIRB) has a mandate to protect the integrity of the ecosystem for the existing and future residents of Nunavut. To assess the environmental and socio-economic impacts of the project proposal, NIRB would like to hear your concerns, comments and suggestions about the following project proposal application:

**Project Proposal Title:** Detailed aggregate evaluation of the Iqaluit Northwest Granular Site

**Proponent:** Chrystal Jones, City of Iqaluit

**Location:** Iqaluit

**Comments Due By:** June 9, 2006

**NIRB #:** 06QN052

**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"/> Inuit harvesting activities            |
| <input type="checkbox"/> terrain                          | <input type="checkbox"/> community involvement and consultation |
| <input type="checkbox"/> air quality                      | <input type="checkbox"/> local development in the area          |
| <input type="checkbox"/> wildlife and their habitat       | <input type="checkbox"/> tourism in the area                    |
| <input type="checkbox"/> marine mammals and their habitat | <input type="checkbox"/> human health issues                    |
| <input type="checkbox"/> birds and their habitat          | <input type="checkbox"/> other: _____                           |
| <input type="checkbox"/> fish and their habitat           | _____   |
| <input type="checkbox"/> heritage resources in area       | _____   |

**Please describe the concerns indicated above:**

**Do you have any suggestions or recommendations for this application?**

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

**Name of person commenting:** \_\_\_\_\_ **of** \_\_\_\_\_

**Position:** \_\_\_\_\_ **Organization:** \_\_\_\_\_

**Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

## 8. Comment Form Distribution



## SCREENING PART 1 FORM PROJECT PROPOSAL SUMMARY

For more information about the Nunavut Impact Review Board (NIRB) please visit our web site <http://nirb.nunavut.ca/> or to access NIRB documents, project screenings, and project reviews please visit the Nunavut Impact Review Board ftp site <http://ftp.nunavut.ca/nirb/>.

### IMPORTANT

Please be advised that your application will not be processed until the following sections 1 - 6 are completed in full in English and Inuktitut (+ Inuinnaqtun, if in the Kitikmeot). Translated versions of this form in Inuktitut and Inuinnaqtun are available from NIRB's ftp site at <http://ftp.nunavut.ca/nirb/>.

### SECTION 1: APPLICANT INFORMATION

#### 1. a) Project Number

Please indicate if applicant has submitted any previous application(s) to NIRB related to this project proposal? Yes \_\_\_\_\_ No ☒ X  
If yes, please indicate the previous NIRB project number(s): \_\_\_\_\_

1. b) Project Name Iqaluit Northwest Granular Aggregate Evaluation

#### 2. Applicant's full name and mailing address:

City of Iqaluit

P.O. Box 460

Iqaluit, NU X0A 0H0

Fax: 867-979-5922

Phone: 867-979-5600

Email: \_\_\_\_\_

#### 3. Primary contact's full name and mailing address:

Crystal Jones: Project Officer

City of Iqaluit

P.O. Box 460

Iqaluit, NU X0A 0H0

Fax: 867-975-8505

Phone: 867-975-8503

Email: [c.jones@city.iqaluit.nu.ca](mailto:c.jones@city.iqaluit.nu.ca)





## SECTION 3: PROJECT PROPOSAL DESCRIPTION

### 1. Indicate the type of project proposal:

- ☒ Exploration (geophysical ground, geophysical air, drilling)  
☐ Advanced Exploration/ Bulk Sampling  
☐ Mine Development  
☐ All Weather Roads and Trails  
☐ Winter Roads and Trails  
☐ DEW Line Clean up  
☐ Off-Shore Infrastructure  
☐ Pit and/or Quarry  
☒ Other: Aggregate Sampling – quality & quantity

### 2. Indicate the activities related to the project proposal:

- |  |  |
|--|--|
| <input type="checkbox"/> Drilling other than geoscientific                                   | <input type="checkbox"/> Quarrying   |
| <input type="checkbox"/> Offshore structure  | <input type="checkbox"/> All season road   |
| <input type="checkbox"/> Airport/ landing strip  | <input type="checkbox"/> Winter road   |
| <input type="checkbox"/> Camp  | <input type="checkbox"/> Access road   |
| <input type="checkbox"/> Fuel storage  | <input type="checkbox"/> Road modification   |
| <input type="checkbox"/> Solid waste disposal  | <input type="checkbox"/> Cabins  |
| <input type="checkbox"/> Hazardous waste storage or disposal                                 | <input type="checkbox"/> Sewage or grey water disposal   |
| <input type="checkbox"/> Research  | <input type="checkbox"/> Blasting  |
| <input type="checkbox"/> Abandonment and Restoration   | <input type="checkbox"/> Harvesting  |
| <input type="checkbox"/> Burning   | <input type="checkbox"/> Burying   |
| <input type="checkbox"/> Construction  | <input type="checkbox"/> Channeling  |
| <input type="checkbox"/> Cut and/or Fill   | <input type="checkbox"/> Removal of vegetation   |
| <input type="checkbox"/> Dam/ Impoundment (construction/ abandonment/ removal/ modification) | <input type="checkbox"/> Ditch construction  |
| <input type="checkbox"/> Drainage Alteration   | <input type="checkbox"/> Excavation  |
| <input type="checkbox"/> Chemical Storage  | <input type="checkbox"/> Ecological survey   |
| <input type="checkbox"/> Explosives Storage  | <input type="checkbox"/> Geoscientific sampling by trenching   |
| <input type="checkbox"/> Geoscientific sampling by diamond drilling                          | <input type="checkbox"/> Geoscientific sampling by borehole core   |
| <input checked="" type="checkbox"/> Geoscientific sampling by soil sampling                  | <input type="checkbox"/> Hydrological testing  |
| <input type="checkbox"/> River/ stream/ lake crossing or work/ bridge                        | <input type="checkbox"/> Site restoration (fertilization/ grubbing/ scarification/ spraying/ recontouring) |
| <input type="checkbox"/> Soil testing  | <input type="checkbox"/> Soil disposal/ Soil storage   |
| <input type="checkbox"/> Tunneling   | <input checked="" type="checkbox"/> Other (please specify): <u>Aggregate Sampling –</u>                    |
|  | <input type="checkbox"/> Test pits for quality & quantity  |

### 3. Personnel

Total No. of personnel  
on site = (A)

5

Total No. of person days  
= (A) x No. days on site

21 days = 105 person days



#### 4. Timing

Period of operation:

5-June-06

to

1-August-06

Proposed term of permit:

5-June-06

to

1-August-06

Please outline the phases of the proposed project (construction/ operation/ decommissioning) including the timing and scheduling of each phase. This phase is the site analysis phase to confirm the quality and quantity of the aggregate in the area. This phase must be completed before any further action can be taken for the new Granular site, site must be proven.

#### 5. Region (check all that apply):



Baffin



Kivalliq



Kitikmeot



Transboundary:

#### 6. Land Status (check all that apply):



Crown



Commissioners'



Inuit Owned Surface lands



Inuit Owned Sub-Surface Lands

#### 7. Co-ordinates:

Min Lat (degree/minute)

63°48'N

Min Long (degree/minute)

68°30'W

Max Lat (degree/minute)

63°50'N

Max Long (degree/minute)

68°48'W

NTS Map Sheet No:

Please ensure that maps of the project are attached (1:50,000 if available, 1:250,000 Mandatory) available from Natural Resources Canada

If the project proposal includes a camp, please provide the coordinates of the camp location

Min Lat (degree/minute)

n/a

Min Long (degree/minute)

n/a

Max Lat (degree/minute)

n/a

Max Long (degree/minute)

n/a

If different from above for the camp:

NTS Map Sheet No:

Please ensure that maps of the camp are attached (1:50,000 if available, 1:250,000 Mandatory) available from Natural Resources Canada

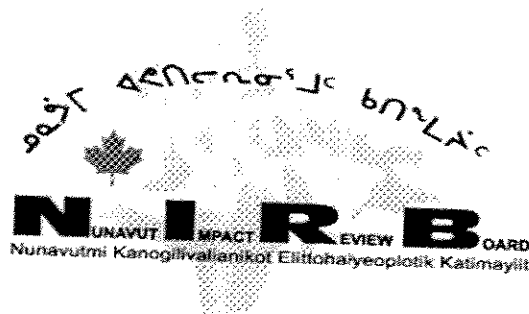
#### 8. Non-Technical Project Proposal Summary

Please include a non-technical description of the project proposal, no more than 500 words, in English and Inuktitut (+Inuinnaqtun, if in the Kitikmeot). The project description should outline the following:

The City of Iqaluit is proceeding with this in order to gain permission to undertake a detailed aggregate evaluation of the Iqaluit Northwest Granular site; this evaluation will be completed by Indian Northern Affairs Canada (INAC). The Northwest area is located approximately six kilometers northwest of the upper base area.

This site was first identified in the summer of 2005, Indian and Northern Affairs (INAC) completed a Ground Penetrating Radar (GPR) Survey of potential gravel areas within a 5





kilometer radius of the City of Iqaluit. With the preliminary work completed it has been estimated that the new site could possibly contain reserves of over fourteen million cubic metres of aggregate.

INAC has committed to the City that they would take the lead in providing geotechnical services to verify the volume of material in the Northwest Area as well as the suitability for its use in concrete, chip seal, asphalt mixes, etc. At a meeting on April 5, 2006 Mr. Tom Rich, Deputy Minister of Community and Government Services committed to the City and INAC that they would provide \$150,000.00 to complete this verification process.

INAC Geologist & assistant will take the lead with this project. Surveyor and Geophysicist/operator could also be used.

Function:

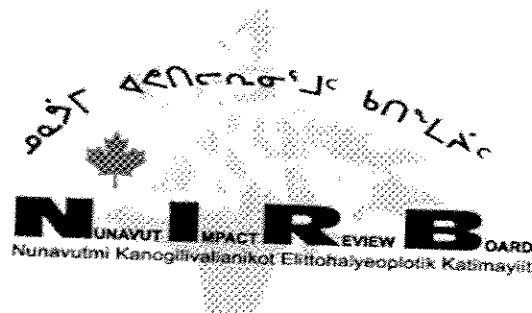
- To do test pits at regular intervals to determine depth and quality of gravel at the site.
- A Ground Penetrating Radar Survey will be done to determine the structure, composition and depth of the site.

A topographic survey to determine accurate volume estimates. The method of transportation will be All Terrain Vehicles.

The long term objective of this project is to prove that the site that has been identified has a viable aggregate/ granular site that will satisfy the needs of the City of Iqaluit for years to come. Once the site is proven then the process to build an access road to the site and the development of a quarry will begin.

The timeline for the Iqaluit Northwest Granular Aggregate Evaluation is that it must be completed prior to August 1, 2006. The evaluation will be completed over a 21 day period.

In order for this to proceed the City of Iqaluit requires permission to undertake the Iqaluit Northwest Granular Aggregate Evaluation.



## SECTION 4: MATERIAL USE

### 1. List equipment (including drills, pumps, aircrafts, etc.):

Equipment type and number	Size – dimensions	Proposed use
ATVs x 2		For Access to site
Field Supplies (pails, gas, oil)		To do evaluation
Backhoe		To do test pits
Surveying equipment		Surveying the site
GPR Unit		For Ground Penetrating Radar Survey
Sample Analysis Equipment	150 samples	

### 2. Detail fuel and hazardous material use:

Fuels	Number of Containers	Capacity of containers (gal & litre)
• Diesel		
• Gasoline		
• Aviation fuel	n/a	n/a
• Propane		
• Other		
Hazardous material (please specify)	n/a	n/a
•		
•		
•		

## SECTION 5: WASTE DISPOSAL AND TREATMENT FACILITIES

### 1. List the types of waste:

Type of waste	Projected amount generated	Method of Disposal	Additional treatment procedures
Sewage	n/a	n/a	n/a
Greywater	n/a	n/a	n/a
Garbage	Household waste only	City Landfill	
Overburden (organic soil, waste material, tailings)	n/a	n/a	n/a
Hazardous waste	n/a	n/a	n/a
Other:	n/a	n/a	n/a

