# Appendix 5

**Quarrying Permits** 

Affairs Canada et du Norden Af	Co./Dept.  Co./Dept.  Co./Dept.  Phone # Phone # Phone # 97 - 945-455  Fax # 514 - 940 - 3435 Fax #
DIAND Contaminated Sites Office P.O. Box 1500 Yellow inife, NT X1A 2R3  Dear Mr. Mitcheil  Re: Land Use Permit # N2001X0 Quarry Permit # 2001QP003 Location: Resolution Island,	35, 2001QP0036, 2001QP0037
This is to advise you that the above m Quarry returns for the quarry permit a	re due on June 16, 2002.  Harry- Final Plan" for you to complete and return to this
Canadä	-Natalie -Natalie -LYI -CRIEVS!  d on recycled paper - Imprimé eur papior recycle  Blona  d on recycled paper - Imprimé eur papior recycle

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Indian and Northern Affairs Canada

Affaires indiennes et du Nord Canada www.ainc.gc.ca

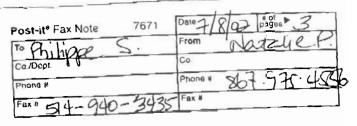
www.inac.gc.ca was Land Administration, DIAND P. O. Box 100

Igaluit, NU X0A 0H0

Phone: (867) 975-4283 Fax: (867) 975-4286

July 4, 2002

Natalie Plato Contaminants Specialist Indian and Northern Affairs Canada P.O. Box 2200 Iqaluit, NU X0A 0H0



Qur fuo - Notre référence

## RECEIVED

JUL 0 9 2002

D.I.A.N.D. Igaluit, NU

Dear Madam:

Re: Land Use & Quarry Application: N2001X0011

Type of Operation: Quarry

Location: Resolution Island, Nunavut

Please note, we received your application dated May 8, 2002, with respect to your proposed application for quarrying.

The application was received in this office on May 8, 2002.

Please be advised that I am invoking Section 25 (1)(b) of the Territorial Land Use Regulations to allow further time to process your application.

In all future Land Use correspondence on the project under application would you please refer to file number N2001X0011.

As of July 9, 1996, all applications in the Nunavut Settlement Area (NSA) will-be screened by the Nunavut Impact Review Board (NIRB), pursuant to Part 4 of Article 12 of the Nunavut Land Claim Agreement. The NIRB's primary objectives are to protect and promote the existing and future well-being of the residents and communities of the NSA, and to protect the ecosystemic integrity of the NSA. A copy of your application has been provided to NIRB in Cambridge Bay, NU, where they will conduct an environmental screening of your application. Although your application will be screened by NIRB, the acceptance of applications and permit issuance process remains under this Department's jurisdiction.

In order to facilitate the processing of your application, NIRB has requested you complete the attached form. You can FAX the form to their office at 867-983-2594 once completed. Please reference the above Land Use Application number in your correspondence to them.



If you have any questions on the status or progress of your application, you can contact the Nunavut Impact Review Board at the following address:

Nunavut Impact Review Board P. O. Box 2397 CAMBRIDGE BAY, NU X0B 0C0

Phone: (867) 983-2593 Fax: (867) 983-2594

Attention: Elizabeth Copland

Your operation may require a Water licence from the Nunavut Water Board, therefore, please contact them at the following address;

Nunavut Water Board P. O. Box 119 GJOA HAVEN, NT X0E 1J0 Phone: (867) 360-6338

Fax: (867) 360-6369 Attention: Thomas Kudloo

for any approvals that you may require for this operation.

A New set of Regulations called Registration of Storage Tank Systems for Petroleum Products and Allied Petroleum Products on Federal Lands Regulations were promulgated on August 1, 1997. These regulations apply to tanks containing petroleum or allied petroleum products (excluding propane). As owners, you are required to register aboveground storage tank systems, designed to be installed in a fixed location, and having a single or total capacity of greater than 4,000 litres. Also, you are required to register all underground storage tank systems having a capacity of more than 230 litres. As a storage tank system owner who is responsible for tank management, including proper operation and maintenance, you are now responsible for registration of the tank system with DIAND.

A listing of the information to be completed and sent to this department for all storage tank systems is attached. To assist in filling out the required information, a DOE document entitled "Inventory Information for the Management of Storage Tank System" has been attached. In addition, a copy of the new regulations and Environmental Code of Practice is enclosed for your information

Michael Immaroitok

Land Administrator Specialist

Land Administration

08-Jul-2002 11:18am From-INDIAN AND NORTHERN AFFAIRS T-873 P 003/003 F-037

cc: RMO NIRB



### **FAX COVER SHEET**

TO: Natalie Plato			
FROM: Philippe Simon			
FAX: 867-975-4560			DATE: May 8 <sup>th</sup> , 2002
# PAGES : 6 1			Re: Resolution Island
(including cover sheet)			
Hello Natalie	The	feet	Sour again &
You will find one letter (2 pages - to annual report for last season quarthe next season (3 pages) prepare Also, let me know if you prefer me	rying perned on you	nit + the ap r behalf. Ple	plication for quarrying permit for ease provide any comments.
Regards			

Philippe

Michael Immaroitok Land Administrator Specialist Land Administration DIAND P.O. Box 100 Igaluit, NU, X0A 0H0

tel.: 867.975-4283 fax.: 867.975-4286

RE: Land Use Permit # N2001X0011

Quarry Permits No. 2001QP0035, 2001QP0036, 2001QP0037 - Annual Report

The Resolution Island Project Quarry Permits issued on May 17<sup>th</sup> 2001 authorized the removal of 30,000 m³ of sand and gravel from three existing pits. The following table summarizes the quantities taken between July 4<sup>th</sup> and September 4<sup>th</sup>, 2001.

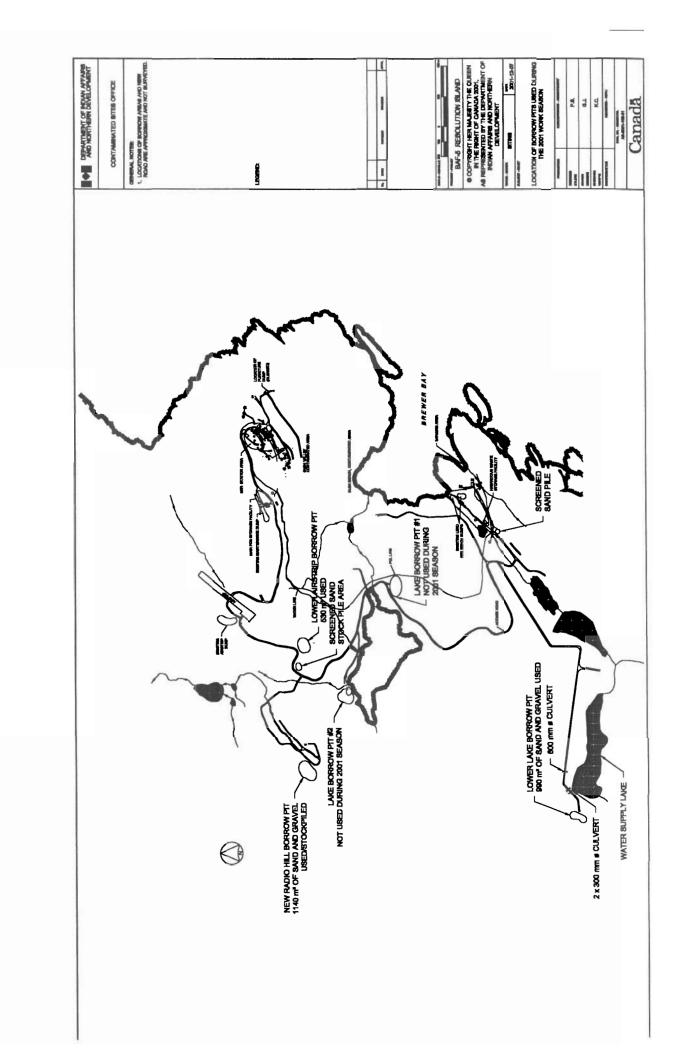
Borrow Pit Location	Type of Soil	Approximate Volume (m³)	Usage
Lower Lake pit	sand and gravel	990	screening, roads
Lower Airstrip pit	sand and gravel	530	screening, roads
Radio Hill pit	sand and gravel	1140	screening, roads
Total		2660	

The location of the borrow pits is presented on the enclosed drawing. The project is conducted on an approximate area of 1,000 hectares. Should you require further information, please do not hesitate to contact me.

Yours truly,

Natalie Plato Contaminants Specialist Indian and Northern Affairs Canada P.O. Box 2200 Igaluit, NU X0A 0H0

tele: (867) 975-4556 fax: (867) 975-4560



#### Indian and Northern Affairs Canada

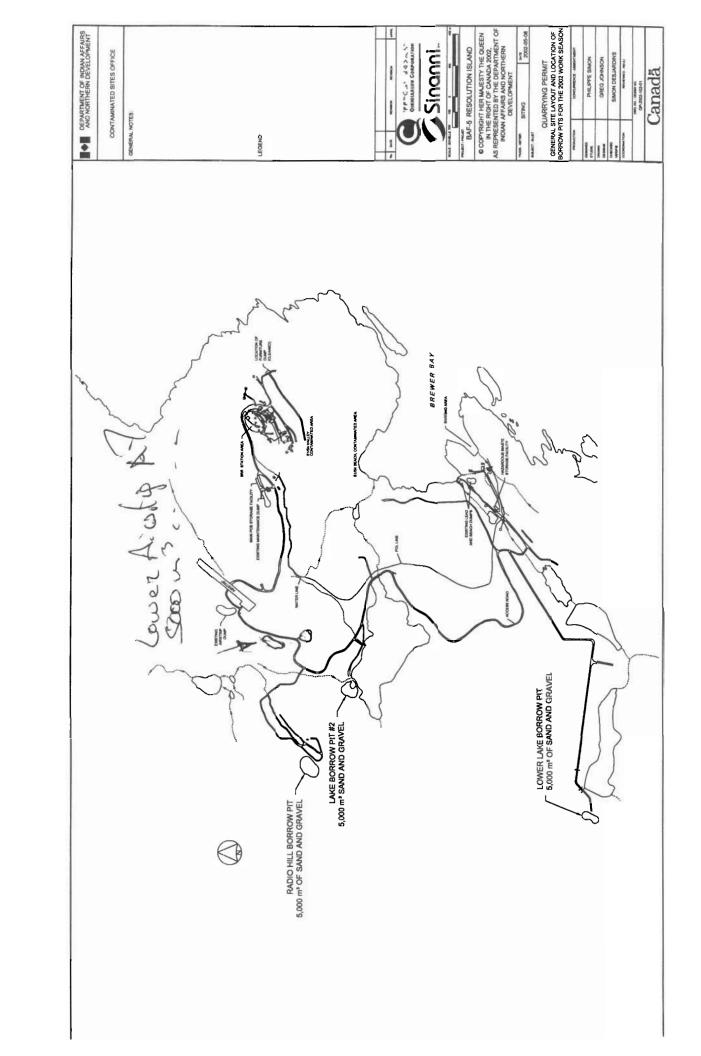
# APPLICATION FOR QUARRYING PERMIT DEMANDE DE PERMIS POUR L'EXPLOITATION D'UNE CARRIÈRE

NAM	IE-NOM: Natalie Plato
OCC	UPATION - PROFESSION: Contaminants Decialist LOYER - EMPLOYEUR: Indian and Northern Affairs Canada
	eby apply for à Quarrying Permit for the purpose of taking: mande un permis pour l'exploitation d'une carrière afin d'extraire;
:	Some m3 cubic metres of - mètres cubes de SAND and GRAVEL FRONTHE RADIO HILL Some m3 cubic metres of - mètres cubes de SAND and GRAVEL FRONTHE LAKE PIT
	M - DE: (Location of Pit- Emplacement de la carrière):  NTS MAP SHEET # - N° de la carte SNRC 25H
Co-o	rdinates - Coordonnées N-5: 6145' E-W: 64 40
1.	Is any part of the land occupied? And if so, by whom and for what purpose?  Est-ce qu'une partie des terres est occupée? Si oui, par qui et à quelles fins?
2.	The only buildings or other improvements on the said lands are as follows:  Bâtiments construits sur le site ou aux autres améliorations prévues:
	(A) Nature of improvements - Nature des améliorations : NoT APPLICABLE  (B) Value of improvements - Valeur des améliorations : NoT APPLICABLE
	(C) Owner of improvements - Propriétaire des améliorations : NOT APPLICABLE
3.	The land is/is not wooded. (If wooded, describe species of trees and approximate size.)  Les terres sont/ne sont pas boisées (Si elles sont boisées, décrire les espèces d'arbres et leur taille approximative.)
	NOT WOODED
4.	The attached plan is a sketch plan of the said land as required by the Territorial Quarrying Regulations. Un plan des terres susmentionnées est joint à la présente demande conformément au Règlement sur l'exploitation de carrières territoriales

588 ATTACKED PLAN # OP-ZOOZ- 107-1



I enclose the required fees as indicated below:					
J'inclus les droits de permis indiqués ci-dessou	1S:				
QUARRY PERMIT FEE					
DROITS DU PERMIS D'EXPLOITATION	\$	150.00	TC	TAL \$_	
ROYALTIES ON SAND, GRAVEL LOAM.					
REDEVANCES SUR LE SABLE, LE GRAVIER					
ET LA TERRE BLANCHE					
Per cubic metre - Par mètre cube :	.\$	1.50	TC	TAL \$	
ROYALTIES ON OTHER BUILDING MATERIALS					
REDEVANCES SUR LES AUTRES MATÉRIAUX		CONS	TRUCTION		
Per cubic metre - Par mètre cube :				TAL \$	
				100	
TOTAL FEES -	CO	ÛTS T	OTAUX:	\$	
				9900	
DATE:					
SIGNATURE OF APPLICANT - SIGNATURE DU	DEN	JAND	FUR		





### **FAX COVER SHEET**

TO: Natalie Plato

FROM: Philippe Simon

**FAX**: 867-975-4560 DATE: May 15<sup>th</sup>, 2002

# PAGES: 5 Re: Quarrying

(including cover sheet)

Hi Natalie

As per your request, find a letter to INAC Land Administration and a quarrying permit application for the Lower Airstrip borrow pit. Should you require further information, please do not hesitate to contact me.

Regards

Philippe



Montreal, the 15th of May 2002

Michael Immaroitok
Land Administrator Specialist
Land Administration
DIAND
P.O. Box 100
Igaluit, NU, X0A 0H0

tel.: 867.975-4283 fax.: 867.975-4286

RE: Land Use Permit # N2001X0011

Quarry Permits No. 2001QP0035, 2001QP0036, 2001QP0037 - Annual Report

As you have noticed in our annual report regarding the above mentioned quarrying permits, two borrow locations for which we had not applied for a permit were used during the 2001 field season: the Radio Hill pit and the Lower Airstrip pit. We amended the borrow pit locations to maximise operational efficiency and to address some change in plans. As such, while on site, we realized that it was more cost efficient to take sand and gravel from the Lower Airstrip pit to fulfill needs for granular materials at the upper site. Also, the Radio Hill pit was discovered and investigated and it was decided by the Project Management Team to initiate the exploitation of this borrow area as part of contingency planning to cope with the general lack of good granular material at the project's site.

You will notice that our quarrying permit applications for the 2002 field season now include these two locations. Should you require further information, please do not hesitate to contact me.

Sincerely,

Philippe Simon, P.Eng., Ph.D.

Resolution Island Project Site Engineer

cc.: Natalie Plato, Iqaluit, INAC

Scott Mitchell, Yellowknife, INAC

Harry Flaherty, Igaluit, QC

# Indian and Northern Affairs Canada

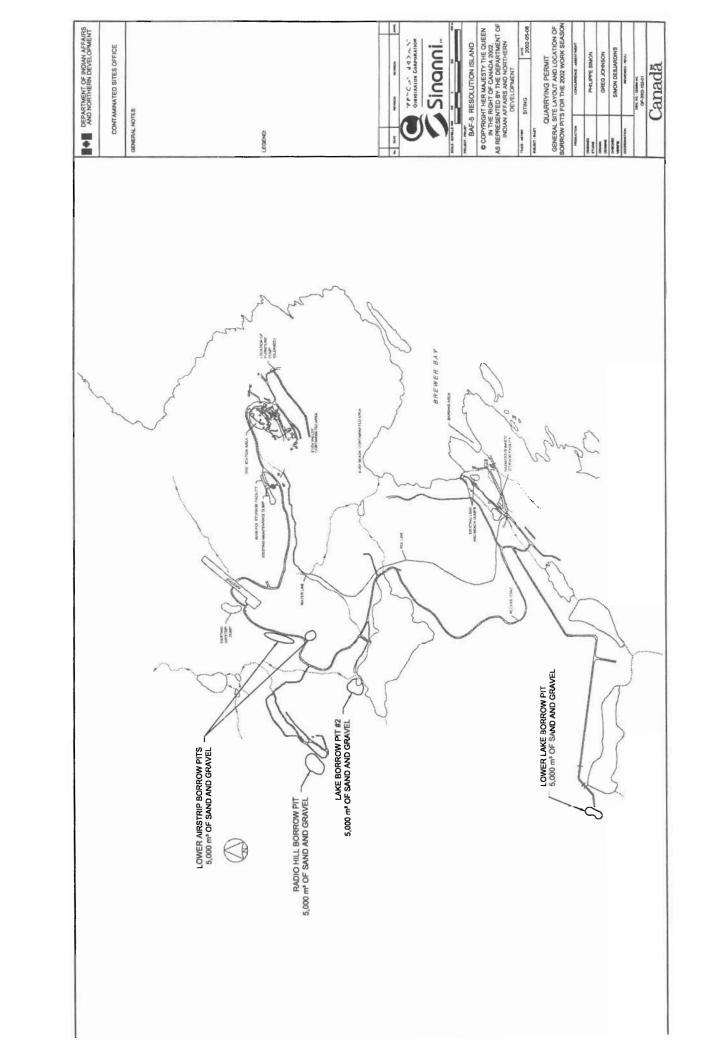
# APPLICATION FOR QUARRYING PERMIT DEMANDE DE PERMIS POUR L'EXPLOITATION D'UNE CARRIÈRE

NAN	ME-NOM: Natalie Hato
	CUPATION - PROFESSION: Contaminants Specialist
	PLOYER-EMPLOYEUR: Indian and Northern Affairs Canada
	eby apply for à Quarrying Permit for the purpose of taking: emande un permis pour l'exploitation d'une carrière afin d'extraire :
	cubic metres of - mètres cubes de Cubic metres of - mètres cubes de
	cubic metres of - mètres cubes de
FRO	M - DE : (Location of Pit- Emplacement de la carrière) :  NTS MAP SHEET # - N° de la carte SNRCZS +
Co-c	ordinates - Coordonnées N-S: 61 45' E-W: 64 40'
1.	Is any part of the land occupied? And if so, by whom and for what purpose?  Est-ce qu'une partie des terres est occupée? Si oui, par qui et à quelles fins?
2.	The only buildings or other improvements on the said lands are as follows:  Bâtiments construits sur le site ou aux autres améliorations prévues:  (A) Nature of improvements - Nature des améliorations:  (B) Value of improvements - Valeur des améliorations:  (C) Owner of improvements - Propriétaire des améliorations:  (C) Owner of improvements - Propriétaire des améliorations:
3.	The land is/is not wooded. (If wooded, describe species of trees and approximate size.)  Les terres sont/ne sont pas boisées (Si elles sont boisées, décrire les espèces d'arbres et leur taille approximative.)
4.	The attached plan is a sketch plan of the said land as required by the Territorial Quarrying Regulations. Un plan des terres susmentionnées est joint à la présente demande conformément au Règlement sur l'exploitation de carrières territoriales.
	SEE ATTACHED PLAN # 02-2007-102-1

Canada

*	Indian and Northern Affairs Canada	Affaires indiennes et du Nord Canada		
	The state of the s	red fees as indicated below: le permis indiqués ci-dessous :		
OUARE	RY PERMIT FEE			
		EXPLOITATION\$1	50.00 TO	TAL \$
		GRAVEL LOAM.		
		SABLE,LE GRAVIER		
	TERRE BLANCH		No. A SECTION AND A SECTION AS	2000 50 775
		re cube :\$ 1	.50 TO	TAL \$
		R BUILDING MATERIALS		
		S AUTRES MATÉRIAUX DE C		
Per cubi	ic metre - Par mèti	e cube :\$	1.25 TO	TAL \$
		TOTAL FEES - COÛ	ITS TOTALLY :	\$
		TOTAL TEES - COC	orb rormon.	J
DATE:				
A STATE OF THE PARTY OF THE PAR		CANT - SIGNATURE DU DEM	ANDELIR	







### **FAX COVER SHEET**

TO: Natalie Plato

FROM: Philippe Simon

**FAX**: 867-975-4560 **DATE**: May 16<sup>th</sup>, 2002

# PAGES: 2 Re: Quarrying

(including cover sheet)

Hi Natalie

As per your request, find the revised letter to INAC Land Administration. I imagine you will forward hand to hand this letter to Michael. Let me know if you prefer me to mail/fax it directly.

Cheers

Philippe



Montreal, the 16th of May 2002

Michael Immaroitok Land Administrator Specialist Land Administration DIAND P.O. Box 100 Igaluit, NU, X0A 0H0

tel.: 867.975-4283 fax.: 867.975-4286

RE: Land Use Permit # N2001X0011

Quarry Permits No. 2001QP0035, 2001QP0036, 2001QP0037 - Annual Report

As you have noticed in our annual report regarding the above mentioned quarrying permits, two borrow locations for which we had not applied for a permit were used during the 2001 field season: the Radio Hill pit and the Lower Airstrip pit. We amended the borrow pit locations to maximise operational efficiency and to address some change in plans. As such, while on site, we decided to take sand and gravel from the Lower Airstrip pit to fulfill needs for granular materials at the upper site. The Airstrip quarry pit is on DND land and the project has permission from DND to use the pit in exchange for maintaining the airstrip.

Also, the Radio Hill pit was discovered and investigated and it was decided by the Project Management Team to initiate the exploitation of this borrow area as part of contingency planning to cope with the general lack of good granular material at the project's site.

You will notice that our quarrying permit applications for the 2002 field season now include these the Radio Hill pit location. Should you require further information, please do not hesitate to contact me.

Sincerely,

Philippe Simon, P.Eng., Ph.D.

Resolution Island Project Site Engineer

cc.: Natalie Plato, Igaluit, INAC

Scott Mitchell, Yellowknife, INAC

Harry Flaherty, Iqaluit, QC



Land Administration, DIAND P. O. Box 100 Iqaluit, NU

Phone: (867) 975-4283 Fax: (867) 975-4286

Your file Votre référence

July 16, 2002

Our file Notre rétérence

Contaminated Site Office P.O. Box 2200 Iqaluit, , NU X0A 0H0

Dear Ms. Plato:

Re: Land Use Permit #N2001X0011

Quarry Permit #2002QP0063 & 2002QP0064 Location: Resolution Island

Enclosed is your copy of Quarry Permit # 2002QP0063 & 2002QP0064 authorizing your project as described in your application.

Please ensure that you adhere to the operating conditions annexed to your permit. Should you have any questions regarding any conditions of this permit, please contact our Field Office in Iqaluit, phone number (867) 979-4405.

Yours truly

Michael Immaroitok

Lands Administrator Specialist

Land Administration

cc: District Manager

RMO

Canada

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#### TERRITORIAL QUARRYING REGULATIONS

QUARRYING PERMIT NO. 2002QP0063

Permit Fee ... Free Permit under Section 12(2)(b)
Of Territorial Quarrying Regulations

#### DIAND - Contaminated Site Office

of Government Of Canada Building, Box 2200, Iqaluit, NU, XOA 0H0 is hereby authorized to take 5,000 cubic metres of Sand and Gravel from the lands described as follows: From The Lake Pit #2, Resolution Island, NU

#### SUBJECT TO THE FOLLOWING CONDITIONS:

- This permit expires twelve months from the date of issue or when the authorized quantity of material has been quarried or removed, whichever is the sooner.
- This permit does not grant to the permittee any exclusive right or leasehold interest in the land described herein.
- This permit shall not be assigned.
- All quarrying under this permit shall be carried out in accordance with the Nunavut Mining Safety Ordinance.
- 5. This permit is subject to the provisions of the Territorial Quarrying Regulations and the conditions set out herein. Failure to comply with the provisions of the Regulations and the conditions prescribed in this permit may result in cancellation of the permit in accordance with Section 12(5) of the Territorial Quarrying Regulations without prior notice to the permittee.
- The permittee will identify the work area to the satisfaction of the Land Use Inspector prior to the removal of any material and any change in location will require prior approval of the Land Use Inspector.
- The Permittee will not work any area worked by any other Permittee except as co-ordinated by the Land Use Inspector.
- No material is to be removed from any land protected by a registered mineral claim, without the Permittee obtaining prior permission of the registered owner(s).
- 9. Prior to the tenth day of each month, the Permittee shall submit a report to the Land Use Inspector at Iqaluit indicating the quantity of material <a href="quartied">quartied</a> and the quantity of material <a href="removed">removed</a> from the site.
- 13. Upon expiration of this Permit, as prescribed in Condition One, the Permittee shall level the excavation and restore the lands to the satisfaction of the Land Use Inspector within 30 days of said expiration date or as may be authorized by the Land Use Inspector.
- 11 Land Use Permit N2001X0011 and its operating conditions will apply.
- i at Iqaluit, this 15th day of July, 2002.

Mhummest

#### TERRITORIAL QUARRYING REGULATIONS

QUARRYING PERMIT NO. 2002QP0064

Permit Fee.....Free Permit under Section 12(2)(b)
Of Territorial Quarrying Regulations

#### DIAND - Contaminated Site Office

of Government Of Canada Building, Box 2200, Iqaluit, NU, XOA 0H0

is hereby authorized to take 5,000 cubic metres of Sand and Gravel

from the lands described as follows: The lower Lake Pit, Resolution Island, NU

#### SUBJECT TO THE FOLLOWING CONDITIONS:

- This permit expires twelve months from the date of issue or when the authorized quantity of material has been quarried or removed, whichever is the sooner.
- This permit does not grant to the permittee any exclusive right or leasehold interest in the land described herein.
- This permit shall not be assigned.
- All quarrying under this permit shall be carried out in accordance with the Nunavut Mining Safety Ordinance.
- This permit is subject to the provisions of the Territorial Quarrying Regulations and the conditions set out herein. Failure to comply with the provisions of the Regulations and the conditions prescribed in this permit may result in cancellation of the permit in accordance with Section 12(5) of the Territorial Quarrying Regulations without prior notice to the permittee.
- The Permittee will identify the work area to the satisfaction of the Land Use Inspector prior to the removal of any material and any change in location will require prior approval of the Land Use Inspector.
- 7. The Permittee will not work any area worked by any other Permittee except as co-ordinated by the Land Use Inspector.
- 8 No material is to be removed from any land protected by a registered mineral claim, without the Permittee obtaining prior permission of the registered owner(s).
- Prior to the tenth day of each month, the Permittee shall submit a report to the Land Use Inspector at Iqaluit indicating the quantity of material <a href="quartied">quartied</a> and the quantity of material <a href="removed">removed</a> from the site.
- Upon expiration of this Permit, as prescribed in Condition One, the Permittee shall level the excavation and restore the lands to the satisfaction of the Land Use Inspector within 30 days of said expiration date or as may be authorized by the Land Use Inspector.
- 11. Land Use Permit N2001X0011 and its operating conditions will apply.
- Is at Igaluit, this 15th day of July, 2002.

Mhumman Agent

Canadä



Indian and Northern Affaires indiennes Affairs Canada www.inac.gc.ca

et du Nord Canada www.ainc.gc.ca

Land Administration, DIAND

P. O. Box 100 Igaluit, NU

Phone: (867) 975-4283 Fax: (867) 975-4286

Your file - Votre référence

Our file - Notre référence

July 29, 2002

Contaminated Site Office P.O. Box 2200 Igaluit, , NU X0A 0H0

Dear Ms. Plato:

Land Use Permit #N2001X0011

Quarry Permit #2002QP0068 Location: Resolution Island

Enclosed is your copy of Quarry Permit #2002QP0068 authorizing your project as described in your application.

Please ensure that you adhere to the operating conditions annexed to your permit. Should you have any questions regarding any conditions of this permit, please contact our Field Office in Iqaluit, phone number (867) 979-4405.

Yours truly

Michael Immaroitok

Lands Administrator Specialist

Land Administration

cc: District Manager

RMO

Canada

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#### TERRITORIAL QUARRYING REGULATIONS

QUARRYING PERMIT NO. 2002QP0068

Permit Fee....Free Permit under Section 12(2)(b)
Of Territorial Quarrying Regulations

#### DIAND - Contaminated Site Office

of Government of Canada Building, Box 2200, Iqaluit, NU, X0A 0H0 is hereby authorized to take 5,000 cubic metres of Sand and Gravel

from the lands described as follows: Radio Hill Pit, Resolution Island, NU.

#### SUBJECT TO THE FOLLOWING CONDITIONS:

- This permit expires twelve months from the date of issue or when the authorized quantity of material has been quarried or removed, whichever is the sooner.
- This permit does not grant to the permittee any exclusive right or leasehold interest in the land described herein.
- 3. This permit shall not be assigned.
- \*Il quarrying under this permit shall be carried out in accordance with ne Nunavut Mining Safety Ordinance.
- This permit is subject to the provisions of the Territorial Quarrying Regulations and the conditions set out herein. Failure to comply with the provisions of the Regulations and the conditions prescribed in this permit may result in cancellation of the permit in accordance with Section 12(5) of the Territorial Quarrying Regulations without prior notice to the permittee.
- 5. The Permittee will identify the work area to the satisfaction of the Land Use Inspector prior to the removal of any material and any change in location will require prior approval of the Land Use Inspector.
- The Permittee will not work any area worked by any other Permittee except as co-ordinated by the Land Use Inspector.
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- Prior to the tenth day of each month, the Permittee shall submit a report to the Land Use Inspector at Iqaluit indicating the quantity of material quarried and the quantity of material <u>removed</u> from the site.
- 13. Upon expiration of this Permit, as prescribed in Condition One, the Permittee shall level the excavation and restore the lands to the satisfaction of the Land Use Inspector within 30 days of said expiration date or as may be authorized by the Land Use Inspector.
- ii. Tand Use Permit N2001X0011 and its operating conditions will apply.

Issued at Iqaluit, this 29th day of July, 2002.

Mhy Land Agent