

Appendix 6

Land Use and Quarrying Permits



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

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

Land Administration
P.O. Box 100
Iqaluit, NU, X0A 0H0
Phone: 867-975-4275
FAX: 867-975-4286

Your file - Votre référence

Our file - Notre référence

February 20, 2004

DIAND Contaminated Sites Office
P.O. Box 100
Iqaluit, Nunavut
X1A 0H0

Dear Mr. Stephens:

Re: Land Use Permit #N2003X0038
Type of Operation: Site Clean Up
Location: Resolution Island, Baffin, NU

Enclosed is your copy of Land Use permit number N2003X0038 authorizing your project as described in your application dated November 25, 2003.

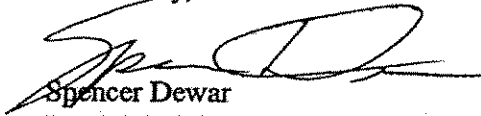
Your application has received a wide distribution to other Federal departments, Government of the Nunavut departments, communities in the area of your operation and concerned Inuit organizations. In distributing your application the Nunavut Impact Review Board (NIRB) sought comments from these various agencies based on their area of expertise that will help ensure minimum negative impact on the environment. The issuance of this permit indicates that as a result of the NIRB environmental screening process it was decided that the potentially adverse environmental effects that may be caused by your proposal are mitigable with known technology and are not significant. The terms and conditions in the permit will, in our opinion, provide the necessary protection to the environment.

The Nunavut Impact Review Board has also recommended the following:

The Permittee shall store all hazardous materials in accordance with the Canadian Environmental Protection Act, at a site and in a manner approved by the Department of Environment.

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 District Office at Iqaluit, phone number (867)975-4297.

Yours truly,



Spencer Dewar
Land Administrator Specialist
Land Administration

cc: RMO
NPC
NIRB

lacroix/il



Indian and Northern Affairs Canada
Affaires indiennes et du Nord Canada

LAND USE PERMIT
NORTHERN AFFAIRS PROGRAM

PERMIS D'UTILISATION DES TERRES
PROGRAMME DES AFFAIRES DU NORD

Permit Class - Permis Catégorie	Permit No - N° de permis
A	N2003X0038

Subject to the Territorial Land Use Regulations and the terms and conditions in this permit, authority is hereby granted to:

Sous réserve du Règlement sur l'utilisation des terres territoriales et des conditions de ce permis:

DIAND Contaminated Sites Office
Permittee - Détenteur de permis


To proceed with the land use operation described in the application of:

Est autorisé à entreprendre les travaux d'exploitation des terres décrits dans la demande de permis du:

Signature Glen Stephens	Date February 20, 2004
Type of Land Use Operation - Genre de travaux d'exploitation des terres Site Clean Up	
Location - Emplacement Resolution Island, Baffin, NU	

This permit may be assigned, extended, discontinued, suspended or cancelled pursuant to the Territorial Land Use Regulations.

Ce permis peut faire l'objet d'une cession, d'une prolongation d'une cessation d'une suspension ou d'une annulation, en vertu du Règlement sur l'utilisation des terres territoriales.

Dated at
Date à Iqaluit Ingénieur Engineer 

This
Ce 20th Day of February, 2004.

Commencement Date
Date du début des travaux February 20, 2004

Expiry Date
Date d'achèvement February 19, 2006

NOTE

IT IS A CONDITION OF THIS PERMIT THAT THE PERMITTEE COMPLY WITH ANY OTHER APPLICABLE ACT, REGULATION, ORDINANCE BY-LAW OR ORDER. DEFAULT HEREOF MAY RESULT IN SUSPENSION OR CANCELLATION OF THIS PERMIT.

REMARQUE

LE DÉTENTEUR DU PRÉSENT PERMIS DOIT SE CONFORMER À TOUT AUTRE RÈGLEMENT, LOI, DÉCRET, RÈGLEMENT MUNICIPAL OU ARRÊTÉ APPLICABLE. LE MANQUEMENT À CETTE OBLIGATION POURRAIT DONNER LIEU À LA SUSPENSION OU À L'ANNULATION DU PERMIS.

Canada

**CONDITIONS ANNEXED TO AND FORMING PART
OF LAND USE PERMIT NUMBER N2003X0038**

31(1)(a) - Location and Area

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|----|---|-------------------------|
| 1 | The Permittee shall not conduct this land use operation on any lands not designated in the accepted application, unless otherwise authorized in writing by the Engineer. | PLANS |
| 2. | The Permittee shall bury all scrap metal, discarded machinery and parts, barrels and kegs at a site and in a manner designated by a Land Use Inspector in writing. | BURY WASTE
MATERIAL |
| 3 | The Permittee shall locate all camps on gravel, sand or other durable land. | CAMP LOCATION |
| 4. | The Permittee shall locate all lines, trails and right-of-ways to be constructed parallel to streams a minimum of 30 metres from any stream except at crossings unless otherwise authorized in writing by a Land Use Inspector. | PARALLELLING
STREAMS |

31(1)(b) - Time

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| 5. | The Permittee's Field Supervisor shall contact or meet with a Land Use Inspector at the Iqaluit office of the Department of Indian Affairs and Northern Development, phone number (867)975-4297, at least 48 hours prior to the commencement of this land use operation. | CONTACT
INSPECTOR |
| 6. | The Permittee shall advise a Land Use Inspector at least 10 days prior to the completion of the land use operation of; | REPORTS BEFORE
REMOVAL |
| a) | his plans for removal or storage of equipment and materials, and | |
| b) | when final clean-up and restoration of the lands used will be completed. | |

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| 7. | The Permittee shall notify a Land Use Inspector at least 10 days prior to backfilling any sump. | BACKFILLING
NOTIFICATION |
| 8. | The Permittee shall complete all clean-up and restoration of the lands used prior to the expiry date of this permit. | CLEAN-UP |
| 9. | The Engineer reserves the right to impose closure of any area to the Permittee in periods when dangers to natural resources are severe. | CLOSURE |

31(1)© - Equipment

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| | The Permittee shall not use any equipment except of the type, size and number that is listed in the accepted application, unless otherwise authorized in writing by the Land Use Inspector. | ONLY APPROVED
EQUIPMENT |
| | The Permittee shall use a forced-air fuel-fired incinerator to incinerate all combustible garbage and debris. | INCINERATORS |
| 12. | The Permittee shall keep all garbage and debris in a covered metal container until disposed of. | GARBAGE
CONTAINERS |
| 13. | The Permittee shall not place dirt or debris into streams to serve as ramps for loading or unloading ships or barges, unless authorized in writing by a Land Use Inspector. | DIRT RAMPS |

31(1)(d) - Methods and Techniques

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| 14. | The Permittee shall scout proposed lines and routes to select the best location for crossing streams and avoiding terrain obstacles prior to the movement of any vehicle that exerts pressure on the ground in excess of 35 k pa. | DETOURS &
CROSSINGS |
|-----|---|------------------------|

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|-----|---|-----------------------------------|
| 15. | The Permittee shall slope the sides of excavations and embankments except in solid rock to a horizontal/vertical ratio of 2:1 unless otherwise authorized in writing by the Land Use Inspector. | EXCAVATIONS
AND
EMBANKMENTS |
|-----|---|-----------------------------------|

31(1)(e) - Type, Location, Capacity and Operation of Facilities

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|---|---|--------------------|
| The Permittee shall not locate any sump within 31 metres of the normal high water mark of any stream. | SUMPS FROM
WATER | |
| 7 | The Permittee shall backfill and restore all sumps prior to the expiry date of this permit. | BACKFILL SUMPS |
| 18. | The Permittee shall ensure that the land use area is kept clean and tidy at all times. | CLEAN WORK
AREA |

31(1)(f) - Control or Prevention of Flooding, Erosion and Subsidence of Land

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| 19. | The Permittee shall remove any obstruction to natural drainage caused by any part of this land use operation. | NATURAL
DRAINAGE |
| | The Permittee shall not cut any stream bank unless authorized in writing by a Land Use Inspector. | STREAM BANKS |
| 21. | The Permittee shall install culverts or bridges as construction of the road progresses, unless otherwise authorized in writing by a Land Use Inspector. | INSTALLATION
CULVERTS
BRIDGES |
| 22. | The Permittee shall not use the bed of streams for access routes except for the purpose of crossing the streams unless otherwise authorized by a Land Use Inspector. | STREAM BEDS
ACCESS |
| 23. | The Permittee shall not ford wet streams unless authorized in writing by a Land Use Inspector. | NO FORDING OF
STREAMS |
| | The Permittee shall not construct interceptor or off-shoot drainage ditches unless approved in writing by the Land Use Inspector. | DITCHES |

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| 25. | The Permittee shall install erosion control structures as the land use operation progresses unless otherwise authorized by a Land Use Inspector. | EROSION
CONTROL WHEN |
| 26. | The Permittee shall prepare the site in such a manner as to prevent rutting of the ground surface. | PREVENTION OF
RUTTING |
| 27. | The Permittee 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. | VEHICLE
MOVEMENT
FREEZE-UP |
| 28. | The Permittee shall suspend overland travel of equipment or vehicles if rutting occurs. | SUSPEND
OVERLAND
TRAVEL |

31(1)(g) - Use, Storage, Handling and Disposal of Chemical or Toxic Material

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|-----|--|--------------------------------|
| 29. | The Permittee shall not use chemicals in connection with the land use operation without the prior approval of the Engineer. | APPROVAL OF
CHEMICALS |
| 30. | The Permittee shall deposit all sewage into a sump. | SEWAGE
DISPOSAL |
| 31. | The Permittee shall burn all garbage and debris at least daily. | GARBAGE
DISPOSAL |
| 32. | The Permittee shall remove all non-combustible garbage and debris from the land use area to a disposal site approved in writing by a Land Use Inspector. | REMOVE
GARBAGE |
| 33. | The Permittee shall dispose of all combustible waste petroleum products by incineration or removal. | WASTE
PETROLEUM
DISPOSAL |
| 34. | The Permittee shall dispose of all fluids used to wash machinery and equipment in a sump unless otherwise authorized in writing by a Land Use Inspector. | RIG WASH
DISPOSAL |

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| 35. | The Permittee shall report all spills immediately in accordance with instructions contained in "Spill Report" form NWT 1752(05/93). Twenty four (24) hour spill report line (867)920-8130. | REPORT
CHEMICAL AND
PETROLEUM
SPILLS |
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31(1)(h) - Wildlife and Fisheries Habitat

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| 36. | The Permittee shall not unnecessarily damage wildlife habitat in conducting this land use operation. | HABITAT
DAMAGE |
| 37. | The Permittee shall construct and maintain all structures placed in streams frequented by fish, in such a manner that will not obstruct passage of fish. | FREE FISH
MOVEMENT |
| 38. | The Permittee shall not detonate explosives within fifteen (15) metres of any body of water which is not completely frozen to the bottom. | EXPLOSIVES
WATER |

31(1)(I) - Objects and Places of Recreational, Scenic and Ecological Value

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|-----|--|------------------------|
| 39. | The Permittee shall not feed wildlife. | NO FEEDING
WILDLIFE |
|-----|--|------------------------|

31(1)(k) - Petroleum Fuel Storage

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| 40. | The Permittee shall not place any petroleum fuel storage containers within thirty one (31) metres of the normal high water mark of any stream. | FUEL BY STREAM |
| 41. | The Permittee shall not allow petroleum products to spread to surrounding lands or into water bodies. | FUEL
CONTAINMENT |
| 42. | The Permittee shall construct a dyke around each stationary fuel container or group of stationary fuel containers where any one container has a capacity exceeding 4,000 litres. | DYKE FUEL
CONTAINERS |
| 43. | The Permittee shall line the dyke and area enclosed by the dyke with a type of plastic film liner approved by the Engineer. | LINE DYKE |

- | | | |
|--|---|-----------------------|
| 44. | The volume of the dyked area shall be 10% greater than the capacity of the largest fuel container placed therein. | CAPACITY |
| 45 | The Permittee shall ensure that the dyke and the area enclosed by the dyke shall be impermeable to petroleum products at all times. | IMPERMEABLE
DYKE |
| | The Permittee shall: | CHECK FOR
LEAKS |
| | a) examine all fuel storage containers for leaks a minimum of once every day. | |
| | B) repair all leaks immediately. | |
| 47. | The Permittee shall mark all stationary petroleum products storage facilities with flags, posts or similar devices so that they are at all times plainly visible to local vehicle travel. | MARK FUEL
LOCATION |
| 48. | The Permittee shall seal all container outlets except the outlet currently in use. | SEAL OUTLET |
| | The Permittee shall mark all fuel containers with the Permittee's name. | MARK
CONTAINERS |
| <u>31(1)(m) - Matters Not Inconsistent with the Regulations</u> | | |
| 50 | The Permittee shall not remove any material from below the ordinary high water mark of any stream without first obtaining written permission from a Land Use Inspector. | APPROVAL
NEEDED |
| 51 | The Permittee shall display a copy of this permit in a conspicuous place in each campsite established to carry out this land use operation. | DISPLAY PERMIT |

52. The Permittee shall provide in writing to the Engineer, at least forty-eight (48) hours prior to commencement of this land use operation, the following information:

IDENTIFY AGENT

- a) person or persons, in charge of the field operation to whom notices, orders, and reports may be served;
- b) alternates;
- c) all the indirect methods for contacting the above person(s).

TERRITORIAL QUARRYING REGULATIONS

QUARRYING PERMIT NO.2005QP0028

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

DIAND - Contaminated Sites Office

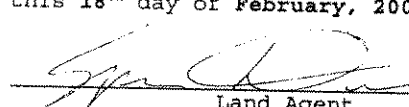
of Government of Canada Building, PO Box 2200, Iqaluit, Nunavut, X0A 0H0
is hereby authorized to take 20,000 cubic meters of Gravel

from the lands described as follows: From one (1) Borrow area, Lake Borrow
Pit #2, Resolution Island, Nunavut.

SUBJECT TO THE FOLLOWING CONDITIONS:

1. 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.
2. 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.
4. 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.
6. 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).
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 quarried and the quantity of material removed from the site.
10. 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 N2003X0038 and its operating conditions will apply.

Issued at Iqaluit, this 18th day of February, 2005.


Land Agent



TERRITORIAL QUARRYING REGULATIONS

QUARRYING PERMIT NO.2005QP0029

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

DIAND - Contaminated Sites Office

of Government of Canada Building, PO Box 2200, Iqaluit, Nunavut, X0A 0H0
is hereby authorized to take 5,000 cubic meters of Gravel

from the lands described as follows: From one (1) Borrow area, Lower Lake
Borrow Pit, Resolution Island, Nunavut.

SUBJECT TO THE FOLLOWING CONDITIONS:

1. 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.
2. 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.
4. 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.
6. 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).
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 quarried and the quantity of material removed from the site.
10. 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 N2003X0038 and its operating conditions will apply.

Issued at Iqaluit, this 18th day of February, 2005.


Land Agent

TERRITORIAL QUARRYING REGULATIONS

QUARRYING PERMIT NO.2005QP0031

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

DIAND - Contaminated Sites Office

of Government of Canada Building, PO Box 2200, Iqaluit, Nunavut, X0A 0H0
is hereby authorized to take 10,000 cubic meters of Gravel

from the lands described as follows: From one (1) Borrow area, S1/S4 Beach
Borrow Pit, Resolution Island, Nunavut.

SUBJECT TO THE FOLLOWING CONDITIONS:

1. 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.
2. 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.
4. 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.
6. 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).
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 quarried and the quantity of material removed from the site.
10. 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 N2003X0038 and its operating conditions will apply.

Issued at Iqaluit, this 18th day of February, 2005.

 *Anthony J. Tarkenton*
Land Agent

A/mgr
lands



TERRITORIAL QUARRYING REGULATIONS

QUARRYING PERMIT NO.2005QP0027

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

DIAND - Contaminated Sites Office

of Government of Canada Building, PO Box 2200, Iqaluit, Nunavut, X0A 0H0
is hereby authorized to take 10,000 cubic meters of Gravel

from the lands described as follows: **From one (1) Borrow area, Airstrip
Borrow Pit, Resolution Island, Nunavut.**

SUBJECT TO THE FOLLOWING CONDITIONS:

1. 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.
2. 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.
4. 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.
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10. 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 N2003X0038 and its operating conditions will apply.

Issued at Iqaluit, this 18th day of February, 2005.

 *Anthony Jackson*
Land Agent

A/mgr
lands

TERRITORIAL QUARRYING REGULATIONS

QUARRYING PERMIT NO.2005QP0030

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

DIAND - Contaminated Sites Office

of Government of Canada Building, PO Box 2200, Iqaluit, Nunavut, X0A 0H0
is hereby authorized to take 10,000 cubic meters of Gravel

from the lands described as follows: From one (1) Borrow area, Radio Hill
Borrow Pit, Resolution Island, Nunavut.

SUBJECT TO THE FOLLOWING CONDITIONS:

1. 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.
2. 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.
4. 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.
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10. 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 N2003X0038 and its operating conditions will apply.

Issued at Iqaluit, this 18th day of February, 2005.

 *Anthony Jackson*
Land Agent

Canada