



Land Administration
P.O. Box 100
IQALUIT, NU X0A 0H0
Phone: 867-975-4283
FAX: 867-975-4286

June 19, 2015

P.O. Box 300
Resolute Bay, NU
X0A 0N0

Dear Aziz Kheraj,

Re: Land Use Permit #N2015X0008
Type of Operation: Miscellaneous
Location: Ennadai Lake, Kivalliq, NU, NTS 65C

Enclosed is your copy of Land Use permit number N2015X0008, authorizing your project as described in your application dated January 26th, 2015.

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 groups. 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.

Please ensure that you adhere to the operating conditions, along with the Archaeological Palaeontological terms and conditions, annexed to your permit. Should you have any questions regarding any conditions of this permit, please contact Nicholas Kavanagh at (867)975-4283, or email landsmining@aandc.gc.ca.

Sincerely,

Nicholas Kavanagh
Land Administrator Specialist

cc: Manager, Field Operations
RMO - Baffin
NIRB
NPC



Aboriginal Affairs and
Northern Development Canada

Affaires autochtones et
Développement 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 | N2015X0008 |

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:

Aziz Kheraj

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 | Date |
| <u>Aziz Kheraj</u> | January 26 th , 2015 |
| Type of Land Use Operation - Genre de travaux d'exploitation des terres | |
| Miscellaneous | |
| Location - Emplacement | |
| Ennadai Lake, Kivalliq, NU, NTS 65C | |

The conditions attached to this permit are incorporated into and form an integral part of the permit.

Les conditions attachées à ce permis en font partie intégrante.

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 a Iqaluit

Engineer
Ingénieur

This
Ce 19th Day of
jour de June, 2015.

Commencement Date
Date du début des travaux June 19th, 2015 Expiry Date
Date d'achèvement June 18th, 2017

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 ARREΤÉ
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 N2015X0008**

Failure to comply with any term and condition issued as part of this permit is an offence under the Territorial Lands Act. Every person who commits an offence is liable, on summary conviction, for a first offence, to a fine not exceeding \$100 000, and for a second or subsequent offence, to a fine not exceeding \$200 000. Please note that an offence that is committed on more than one day constitutes a separate offence for each day on which it is committed or continued.

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 not conduct any part of the land use operation within 300 metres of any privately owned land or structure unless otherwise authorized in writing by the Engineer. | PRIVATE PROPERTY |
| 3. | The Permittee shall not construct parallel lines or roads unless authorized by the Engineer. | PARALLEL ROADS |
| 4. | The Permittee shall remove from Territorial Lands, all scrap metal, discarded machinery and parts, barrels and kegs, buildings and building material. | REMOVE WASTE MATERIAL |
| 5. | The Permittee shall locate screening and crushing equipment on stable ground, at a location with ready access to stockpiles. | EQUIPMENT LOCATION |
| 6. | The Permittee shall not conduct any activity outside of the area(s) identified in the application. | USAGE WITHIN AREA |
| 7. | All coordinates given under this Land Use Permit shall be in the Lat/Lon hddd mm' ss.s" format using Datum NAD83. | COORDINATES FORMAT |
| 8. | The Permittee shall provide exact GPS coordinates of the camp location within ten (10) days of the establishment to the Inspector and Engineer. | UPDATE LOCATIONS |
| 9. | The Permittee shall ensure that all camp structures and facilities are located on gravel, sand or other durable substance. | CAMP LOCATION |
| 10. | The Permittee shall provide updated locations of all fuel caches related to this project in Latitude and Longitude (NAD 83) from a GPS within 30 days of the establishment to the Inspector and Engineer. | UPDATE LOCATIONS |

31 (1) (b) - Time

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| 11. | The Permittee's Field Supervisor shall contact or meet with a Land Use Inspector at the Rankin Inlet office of the Aboriginal Affairs and Northern Development Canada, phone number (867)645-2840, at least 48 hours prior to the commencement of this land use operation. | CONTACT INSPECTOR |
| 12. | The Permittee shall provide the exact GPS coordinates (degrees/mins/sec, in NAD 83) of the corner coordinates of the quarry pit to the Inspector and Engineer within 10 days of establishment. | UPDATE LOCATIONS |

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| 13. 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 plan for removal or storage of equipment and materials, and; | |
| (b) when final clean-up and restoration of the lands used will be completed. | |
| 14. The Permittee's Field Supervisor shall provide notification of commencement of the land use operation to the Engineer at the Iqaluit office of the Department of Aboriginal Affairs and Northern Development Canada either by emailing landsmining@aadnc.gc.ca or by telephone at (867)975-4283. | NOTICE TO ENGINEER |
| 15. The Permittee shall submit an annual report to the Engineer by March 30 th of each year of permitted activities. The annual report must contain, but not limited to, the following information: | ANNUAL REPORT |
| (a) A summary of activities undertaken for the year including; | |
| (b) A map showing the following items with exact coordinates (degrees/min/sec, in NAD 83): | |
| i. All drilling locations; | |
| ii. All fuel caches; | |
| iii. Any other location where activities were conducted. | |
| (c) A work plan for the following year, including any progressive reclamation work undertaken. | |
| 16. The Permittee shall submit a progress report to the Engineer every year during this land use operation. | PROGRESS |
| 17. The Permittee shall notify a Land Use Inspector at least 10 days prior to backfilling any sump. | BACKFILLING NOTIFICATION |
| 18. The Engineer for the purpose of this operation designates April, as spring break-up. | SPRING BREAK-UP |
| 19. The Permittee shall restore all sumps prior to spring break-up unless otherwise authorized in writing by a Land Use Inspector. | SUMPS SPRING BREAK-UP |
| 20. The Permittee shall dispose of all brush and timber prior to removal of men or equipment from the land use area. | BRUSH DISPOSAL |
| 21. The Permittee shall commence and foster revegetation on all parts of the land used, as may be directed by a Land Use Inspector, within one year of the completion of the land use operation. | RE-ESTABLISH VEGETATION |
| 22. The Permittee shall complete all clean-up and restoration of the lands used prior to the expiry date of this permit. | CLEAN-UP |
| 23. The Engineer reserves the right to impose closure to any area to the Permittee in periods when dangers to natural resources are severe. | CLOSURE |

31 (1) (c) - Equipment

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| 24. 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 |
| 25. The Permittee shall use a forced-air fuel-fired incinerator to incinerate all combustible garbage and debris. | INCINERATORS |
| 26. The Permittee shall burn all combustible garbage and debris in a container acceptable to a Land Use Inspector. | INCINERATION |
| 27. The Permittee shall keep all garbage and debris in a covered metal container until disposed of. All wastes shall be kept inaccessible to wildlife at all times. | GARBAGE CONTAINERS |

31 (1) (d) - Methods and Techniques

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| 28. The Permittee shall not erect camps or store material on the surface ice of streams. | STORAGE ON ICE |
| 29. The Permittee shall dispose of all over-burden as instructed in writing by the Land Use Inspector. | DISPOSAL OF OVERBURDEN |
| 30. 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. The Permittee shall slope the sides of waste material piles to a gradient specified in writing by the Land Use Inspector. | WASTE MATERIAL PILES |
| 32. The Permittee shall use water or other non-toxic and biodegradable additives for dust suppression as necessary to maintain ambient air quality without causing water to pool or run off. | DUST SUPPRESSION |
| 33. The Permittee shall not remove any material from below the ordinary high water mark of any lake or stream. | MATERIAL REMOVAL |
| 34. The Permittee shall replace all excavated material from the test pits prior to the expiry of this permit. | TEST PITS |
| 35. The Permittee shall not conduct any blasting without permission of the Inspector and Engineer. | NO BLASTING |

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

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| 36. The Permittee shall not locate any sump within 31 metres of the normal high water mark of any stream. | SUMPS FROM WATER |
| 37. The Permittee shall maintain all drill wastes at least 1.2 metres below the lowest elevation of contiguous surrounding ground surface at all times. | SUMPS FREEBOARD |

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| 38. The Permittee shall backfill and restore all sumps prior to the expiry date of this permit. | BACKFILL SUMPS |
| 39. 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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| 40. The Permittee shall remove any obstruction to natural drainage caused by any part of this land use operation. | NATURAL DRAINAGE |
| 41. The Permittee shall not deposit or permit the deposit of sediment in to any water body. | SEDIMENT IN WATER |
| 42. The Permittee shall not cut any stream bank unless authorized in writing by a Land Use Inspector. | STREAM BANKS |
| 43. The Permittee shall not ford wet streams unless authorized in writing by a Land Use Inspector. | NO FORDING OF STREAMS |
| 44. The Permittee shall construct dykes and diversion ditches as required in writing by a Land Use Inspector. | DYKES/ DIVERSION |
| 45. The Permittee shall not construct interceptor or off-shoot drainage ditches unless approved in writing by the Land Use Inspector. | DITCHES |
| 46. The Permittee shall maintain an undisturbed buffer zone of at least one-hundred (100) meters between the quarry site and any high water mark of any water body. | QUARRY LOCATION |
| 47. The Permittee shall clearly stake and flag pit and quarry boundaries in such a manner as they remain visible to other land users and do not present a hazard to overland travel. | PIT & QUARRY LOCATION NOTIFICATION |
| 48. The Permittee shall not remove earth to a depth of more than 2 metres below the natural contour. | QUARRY DEPTH |
| 49. The Permittee shall insulate the ground surface beneath all structures and facilities associated with this land use operation to: | INSULATE GROUND SURFACE |
| (a) prevent any vegetation present from being removed and, | |
| (b) the ground settling and/or eroding. | |
| 50. The Permittee shall not cut any stream bank unless authorized in writing by a Land Use Inspector. | STREAM BANKS |
| 51. The Permittee shall install erosion control structures as the land use operation progresses unless otherwise authorized by a Land Use Inspector. | EROSION CONTROL |
| 52. The Permittee shall not remove any material from below the ordinary high water mark of any lake or stream. | RESTRICTION ON MATERIAL REMOVAL |

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| 53. The Permittee shall locate screening and crushing equipment on stable ground, at a location with ready access to stockpiles. | EQUIPMENT LOCATION |
| 54. The Permittee shall prepare the site in such a manner as to prevent rutting of the ground surface. | PREVENTION OF RUTTING |
| 55. 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 |
| 56. The Permittee shall suspend overland travel of equipment or vehicles if rutting occurs. | SUSPEND OVERLAND TRAVEL |
| 57. The Permittee shall detour around all sand hills, unless otherwise authorized in writing by a Land Use Inspector. | AVOID SAND HILLS |

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

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| 58. The Permittee shall not use chemicals in connection with the land use operation without the prior approval of the Engineer. | APPROVAL OF CHEMICALS |
| 59. The Permittee shall not use the following materials during the drilling operation without the prior written approval of the Engineer. | PROHIBITED CHEMICALS |
| Chlorinated phenols (Dowicide B, etc.) Compounds composed primarily of heavy metals Asbestos | |
| 60. The Permittee shall burn all combustible garbage and debris at least daily. | GARBAGE DISPOSAL |
| 61. The Permittee shall deposit all sewage into a sump. | SEWAGE DISPOSAL |
| 62. 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 |
| 63. The Permittee shall dispose of all combustible waste petroleum products by removal. | WASTE PETROLEUM DISPOSAL |
| 64. The Permittee shall dispose of all toxic or persistent substances in a manner as approved in writing by the Engineer. | WASTE CHEMICAL DISPOSAL |
| 65. The Permittee shall remove and treat hydrocarbon contaminates soils on site or transport them to an approved disposal site for treatment. | HYDROCARBON CONTAMINATED SOIL |

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| 66. 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 |
| 67. The Permittee prior to the discharge of fluids from any sump shall carry out an analysis of the fluids in a manner prescribed by the Engineer and obtain his written approval to discharge. | SUMP DISCHARGE |

31 (1) (b) - Wildlife and Fisheries Habitat

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| 68. The Permittee shall not unnecessarily damage wildlife habitat in conducting this land use operation. | HABITAT DAMAGE |
| 69. The Permittee shall not destroy or damage beaver dams. | BEAVER DAMS |
| 70. The Permittee shall not obstruct the movement of fish while conducting this land use operation. | FREE FISH MOVEMENT |
| 71. The Permittee shall not extract water from any fish-bearing water body unless the water intake hose is equipped with a screen of appropriate mesh size to ensure that there is no entrapment of fish. | MESH SCREEN REQUIRED |
| 72. The Permittee shall not disturb or destroy the nests or eggs of any birds. If nests are encountered and/or identified, the Permittee shall take precaution to avoid further interaction and/or disturbance. | NO DISTURBING NESTS |
| 73. Your operation is in an area where bears may be encountered. Proper food handling and garbage disposal procedures will lessen the likelihood of bears being attracted to your operation. | BEAR/MAN CONFLICT |
| 74. The Permittee shall not destroy or damage muskrat lodges. | MUSKRAT LODGES |
| 75. The Permittee shall cease activities that may interfere with migration or calving of caribou or muskox, until the caribou or muskox have passed or left the area. | WILDLIFE SENSITIVITY |
| 76. The Permittee shall not block or cause any diversion to caribou migration, and shall cease activities likely to interfere with migration such as movement of equipment or personnel until such time as the caribou have passed. | WILDLIFE SENSITIVITY |
| 77. During the period of May 15 to July 15 when caribou are observed within 1 km of project operations, the Permittee shall suspend all operations, including the movement of equipment or personnel. Following July 15, if caribou cows or calves are observed within 1 km of project operations, the Proponent shall also suspend all operations in the vicinity, including the movement of equipment or personnel, until caribou are no longer in the immediate area. | WILDLIFE SENSITIVITIES |
| 78. The Permittee shall not harass wildlife. This includes persistently worrying or chasing, or disturbing large groups of animals. | NO HARASSING WILDLIFE |

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| 79. The Permittee shall not feed wildlife. | NO FEEDING WILDLIFE |
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31 (1) (i) - Objects and Places of Recreational, Scenic and Ecological Value

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| 80. The Permittee shall not operate any machinery or equipment within one hundred and fifty (150) metres of the base of a pingo. | PINGOS |
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31 (1) (k) - Petroleum Fuel Storage

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| 81. The Permittee shall report in writing to a Land Use Inspector the location and quantity of all petroleum fuel caches within ten (10) days after the establishment. | REPORT FUEL LOCATION |
| 82. 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 |
| 83. The Permittee shall locate mobile fuel facilities on land when stationary for any period of time exceeding twelve (12) hours. | FUEL ON LAND |
| 84. The Permittee shall not allow petroleum products to spread to surrounding lands or into water bodies. | FUEL CONTAINMENT |
| 85. The Permittee shall use secondary containment or a surface liner (drip pans, fold-a-tanks, etc) at all refuelling stations. The Permittee shall ensure that appropriate spill kits are located at every fuel cache. | SECONDARY CONTAINMENT |
| 86. The Permittee shall store all fuel and chemicals in such a manner that they are inaccessible to wildlife. | FUEL INACCESSIBLE TO WILDLIFE |
| 87. The Permittee shall have one extra fuel storage container on site equal to, or greater than, the size of the largest fuel container. | FUEL EXTRA CONTAINER |
| 88. The Permittee shall seal all container outlets except the outlet currently in use. | SEAL OUTLET |
| 89. The Permittee shall maintain a watchman at the site at all times when fuel is stored on site. | WATCHMAN |
| 90. 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 |
| 91. All Petroleum products will be stored in secondary containment and when site is not active. Petroleum products will be stored in covered secondary containment. | SECONDARY CONTAINMENT |

31 (1) (l) - Debris and Brush Disposal

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| 92. The Permittee shall progressively complete disposal of all debris and brush. | PROGRESSIVE DISPOSAL |
| 93. The Permittee shall not leave tree stumps exceeding 20 centimetres above the ground surface. | TREE STUMPS |
| 94. The Permittee shall not clear any trees. | NO CLEARING |

31 (1) (m) - Matters Not Inconsistent with the Regulations

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| 95. 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 |
| 96. The Permittee shall not fence any part of the land use area. | FENCE PROHIBITED |
| 97. 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 |
| 98. The Permittee shall keep on hand, at all times during this land use operation, a copy of the Land Use Permit. | COPY OF PERMIT |
| 99. 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: (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). | IDENTIFY AGENT |
| 100. The Permittee shall conspicuously display the land use permit number on all vehicles and equipment. | DISPLAY PERMIT NUMBER |
| 101. The Permittee shall, while conducting the operation, make every effort to avoid covering or destroying traps or snares that may be found along these routes. | TRAPS PROTECTION |
| 102. The Permittee shall restore any trails used by trappers or hunters by slashing any and all trees that may fall across these paths or trails and by removing any other obstructions such as snow piles or debris that may be pushed across the trails. | TRAILS RESTORATION |
| 103. All Reclamation must be completed prior to the expiration of this Land Use Permit. | RECLAMATION PRIOR TO EXPIRATION |
| 104. A Final Plan must be submitted to the Land Use Inspector prior to the Expiration of this Land Use Permit. | FINAL PLAN SUBMISSION |

105. The Permittee shall fourteen (14) days prior to commencement, submit to the Engineer for his approval, detailed plans and descriptions showing:

- (a) the selected location for ore storage;
- (b) the selected location for waste rock storage; and
- (c) leachate containment methods.

106. The Permittee shall conduct leach and acid generation tests on the ore and waste rock, in a manner approved by the Engineer. The leachate shall be analysed for content of heavy metals and all test results shall be submitted to the Engineer.

107. The Permittee shall abide by and comply with all applicable lawful rules, acts, regulations, and by-laws of Canada, Nunavut, any Municipal or regulatory body or authority having jurisdiction, the Nunavut Land Claim Agreement, and all other agreements, permits, licenses, and other instruments whatsoever related to the project.

WASTE ROCK / ORE STORAGE

LEACHATE TEST

ADHERENCE TO
LAWFUL RULES,
ACTS, REGS &
BYLAWS

CARIBOU PROTECTION MEASURES

108. (a) The Permittee shall not, without approval, conduct any activity between May 15 and July 15 within the Caribou Protection Areas depicted on the map certified by the Engineer as the "Caribou Protection Map" and annexed to this Land Use Permit.

(b) A Permittee may, upon approval by the Land Use Inspector, operate within the said Caribou Protection Areas beyond the May 15 deadline set out in 1 (a), provided that, when monitoring information indicates that caribou cows are approaching the area of operation, the Permittee will implement 1 (c).

(c) On cessation of activities pursuant to 1 (a) or 1 (b), the Permittee will remove from the zone all personnel who are not required for the maintenance and protection of the camp facilities and equipment, unless otherwise directed by the Land Use Inspector.

(d) The Permittee may commence or resume activities prior to July 15 within those parts of the Caribou Protection Areas released by the Land Use Inspector for the reason that caribou cows are not expected to use those parts for calving or post-calving.

RESTRICTION OF
ACTIVITY

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| 109. | <p>(a) In the event that caribou cows calve outside of the Caribou Protection Areas, the Permittee shall suspend operations within the area(s) occupied by cows and/or calves between May 15 and July 15.</p> <p>(b) In the event that caribou cows and calves are present, the Permittee shall suspend:</p> <ul style="list-style-type: none"> (i) blasting; (ii) overflights by aircraft at any altitude of less than 300 meters above ground level, and; (iii) the use of snowmobiles and ATVs (all-terrain vehicles) outside the immediate vicinity of the camp. | SUSPENSION OF OPERATIONS |
| 110. | <p>(a) During migration of caribou, the Permittee shall not locate any operation so as to block or cause substantial diversion to migration.</p> <p>(b) The Permittee shall cease activities that may interfere with migration, such as airborne geophysics surveys or movement of equipment, until the migrating caribou has passed.</p> | CARIBOU PROTECTION MIGRATION |
| 111. | <p>(a) The Permittee shall not, between May 15 and September 1, construct any camp, cache any fuel, or conduct any blasting within 10 kilometres of any "Designated Crossing" as outlined on the map certified by the Engineer as the "Caribou Protection Map" and annexed to this Land Use Permit.</p> <p>(b) The Permittee shall not, between May 15 and September 1, conduct any diamond drilling operation within 5 kilometres of any "Designated Crossing" as outlined on the map certified by the Engineer as the "Caribou Protection Map" and annexed to this Land Use Permit.</p> | DESIGNATED CARIBOU CROSSINGS |

ARCHAEOLOGICAL & PALEONTOLOGICAL TERMS & CONDITIONS

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

"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.

"paleontological 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.

113. The Permittee shall avoid any known or suspected archaeological and/or paleontological sites. AVOIDANCE OF ARCHAEOLOGICAL AND/OR PALEONTOLOGICAL SITES

114. The Permittee shall not remove, disturb, or displace any archaeological artifact or site, or any paleontological site or fossil. DISTURBANCE OF ARCHAEOLOGICAL AND/OR PALEONTOLOGICAL SITES

115. The Permittee shall ensure that all persons working under the authority of the permit are aware of these conditions pertaining to archaeological sites and artifacts as well as paleontological sites and fossils. KNOWLEDGE OF ARCHAEOLOGICAL AND PALEONTOLOGICAL TERMS AND CONDITIONS

116. The Permittee shall immediately cease any activity should a suspected archaeological, paleontological, or burial site be discovered during the course of a land use operation. The Permittee is required to immediately contact the Land Administration division at Aboriginal Affairs and Northern Development Canada at (867)975-4283 or (867)975-4285 or (867)975-4280 as well as the Department of Culture and Heritage at (867)934-2046 or (867)975-5500 or 1(866)934-2035. CEASE OPERATION OF LAND USE ACTIVITY

Permission to resume land use operations must be obtained from the Engineer. At such time the Engineer may, at his/her discretion, require that you have an archaeologist or palaeontologist perform the following functions:

- (a) Survey;
- (b) Inventory and documentation of the archaeological or paleontological resources of the land use area;
- (c) Assessment of potential for damage to archaeological or paleontological sites;
- (d) Mitigation;
- (e) Marking boundaries of archaeological or paleontological sites;
- (f) Site restoration.

Species At Risk in Nunavut

This list includes species listed on one of the Schedules of SARA (*Species at Risk Act*) and under consideration for listing on Schedule 1 of SARA. These species have been designated as at risk by COSEWIC (Committee on the Status of Endangered Wildlife in Canada). This list may not include all species identified as at risk by the Territorial Government.

- a) Schedule 1 is the official legal list of Species at Risk for SARA. SARA applies to all species on Schedule 1. The term "listed" species refers to species on Schedule 1.
- (b) Schedule 2 and 3 of SARA identify species that were designated at risk by the COSEWIC prior to October 1999 and must be reassessed using revised criteria before they can be considered for addition to Schedule 1.
- (c) Some species identified at risk by COSEWIC are "pending" addition to Schedule 1 of SARA. These species are under consideration for addition to Schedule 1, subject to further consultation or assessment.

Schedules of SARA are amended on a regular basis so it is important to periodically check the SARA registry (www.sararegistry.gc.ca) to get the current status of a species.

| Terrestrial Species at Risk | COSEWIC Designation | Schedule of SARA | Government Organization with Lead Management Responsibility |
|---|---|--|---|
| Eskimo Curlew | Endangered | Schedule 1 | EC |
| Ivory Gull | Endangered | Schedule 1 | EC |
| Ross's Gull | Threatened | Schedule 1 | EC |
| Harlequin Duck (Eastern population) | Special Concern | Schedule 1 | EC |
| Rusty Blackbird | Special Concern | Schedule 1 | Government of Nunavut |
| Felt-leaf Willow | Special Concern | Schedule 1 | Government of Nunavut |
| Peregrine Falcon | Special Concern (<i>anatum-tundrius</i> complex) | Schedule 1 (<i>anatum</i>) Schedule 3 (<i>tundrius</i>) | Government of Nunavut |
| Short-eared Owl | Special Concern | Schedule 3 | Government of Nunavut |
| Peary Caribou | Endangered | Schedule 1 | Government of Nunavut |
| Baren-ground Caribou (Dolphin and Union population) | Special Concern | Schedule 1 | Government of Nunavut |
| Polar Bear | Special Concern | Schedule 1 | Government of Nunavut |
| Red Knot (<i>rufa</i> subspecies) | Endangered | Pending | EC |
| Red Knot (<i>islandica</i> subspecies) | Special Concern | Pending | EC |
| Porsild's Bryum | Threatened | Pending | GN |
| Horned Grebe (Western Population) | Special Concern | Pending | EC |
| Grizzly Bear | Special Concern | Pending | Government of Nunavut |
| Wolverine (Western Population) | Special Concern | Pending | Government of Nunavut |
| Atlantic Cod, Arctic Lakes | Special Concern | No Schedule | DFO |
| Atlantic Walrus | Special Concern | Pending | DFO |
| Beluga Whale (Cumberland Sound population) | Threatened | Pending | DFO |
| Beluga Whale (Eastern Hudson Bay population) | Endangered | Pending | DFO |

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| Beluga Whale (Western Hudson Bay population) | Special Concern | Pending | DFO |
| Beluga Whale (Eastern High Arctic – Baffin Bay population) | Special Concern | Pending | DFO |
| Bowhead Whale (Eastern Canada – West Greenland population) | Special Concern | Pending | DFO |
| Killer Whale (Northwest Atlantic / Eastern Arctic populations) | Special Concern | Pending | DFO |
| Narwhal | Special Concern | Pending | DFO |

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