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August 17, 2017

File: W2011C0004

Ms. Ellen Clements
New Nadina Explorations Limited
Box 130, 1215 Greenwood Street
Greenwood, BC V0H 1J0

E-Mail: nadina2005@shaw.ca

Dear Ms. Clements,

Land Use Permit Extension Request Approved

This acknowledges receipt of your letter dated July 17, 2017 regarding a request for a two year extension to the above noted Land Use Permit. The Wek'èezhìi Land and Water Board (WLWB) hereby extends Land Use Permit W2011C0004 to September 4, 2019.

If you have any questions, please contact Roberta Judas, Regulatory Technician at (867) 713-2500 or email rjudas@wlwb.ca.

Yours Sincerely,

A handwritten signature in black ink, appearing to read "Violet Camsell-Blondin".

Violet Camsell-Blondin
Chair, Wek'èezhìi Land and Water Board

Copy to: Charlene Coe for Scott Stewart, GNWT – Department of Lands
Wek'èezhìi East Distribution List



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**LAND USE PERMIT -
EXTENSION**

Permit Class	Permit No	Amendment No
A	W2011C0004	

Subject to the Mackenzie Valley Land Use Regulations and the terms and conditions in this Permit, authority is hereby granted to:

New Nadina Explorations Limited

Permittee

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

Signature Ellen Clements	Date July 17, 2017
Type of Land use Operation Mineral Exploration and Camp	
Location Lac de Gras Min. Lat. 64°27'27" Min. Long. 110°51'09" - Max. Lat. 64°30'01" Max. Long. 110°59'39"	

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

Dated at Yellowknife this 16th day of August, 2017

Signature Chair

Signature Witness

Effective Date

September 5, 2012

Expiry Date

September 4, 2019

Attention

It is a condition of this Permit that the Permittee comply with the provisions of the *Mackenzie Valley Resource Management Act* and regulations and the terms and conditions set out herein. A failure to comply may result in suspension or cancellation of this Permit by the Board.



**CONDITIONS ANNEXED TO AND FORMING PART
OF LAND USE PERMIT NUMBER W2011C0004**

Part A: Scope of Permit

1. This permit entitles New Nadina Explorations Limited to conduct the following activities:
 - a) Mineral exploration including use of a camp, diamond drilling including large diameter RC drilling, winter road construction and maintenance, fuel storage and the use of equipment for trenching in the Lac de Gras area, NT.
2. The Permit is issued subject to the conditions contained herein with respect to the use of land for the activities and area identified in Part A, Item 1 of this permit.
3. Compliance with the terms and conditions of this permit does not absolve the Permittee from responsibility for compliance with the requirements of all applicable Federal, Territorial, Tłı̄cho, and Municipal legislation.

Part B: Definitions

“Act” means the *Mackenzie Valley Resource Management Act*;

“Artesian Aquifer” means a water-bearing stratum, which when encountered during drilling operations, produces a pressurized flow of groundwater that reaches an elevation above the ground surface;

“Board” means the Wek'èezhii Land and Water Board established under Part 4 of the *Mackenzie Valley Resource Management Act*;

“Drill Waste” means all materials or chemicals, solid or liquid, associated with the drilling of boreholes and includes borehole cuttings;

“Inspector” means an Inspector designated by the Minister under the *Mackenzie Valley Resource Management Act*;

“Sump” means a man-made pit, trench hollow or cavity in the earth's surface used for the purpose of depositing waste material therein;

“Watercourse” means a natural body of flowing or standing water or an area occupied by water during part of the year, and includes streams, springs, swamps and gulches but does not include groundwater.



Part C: Conditions Applying to All Activities (the headings correspond to Subsection 26 of the Mackenzie Valley Land Use Regulations)

26(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. | PLANS |
| 2. | Prior to the commencement of diamond drilling the Permittee shall submit to the Inspector, proposed drill targets on a 1:50,000-scale map with coordinates and map datum. | DRILL LOCATIONS |
| 3. | When drilling within 100 metres of the ordinary high water mark of any watercourse, and when drilling on ice, the Permittee shall contain all drill water and waste in a closed circuit system for reuse, off-site disposal, or deposit into a land-based sump or natural depression. | DRILLING NEAR WATER |
| 4. | The Permittee shall use an existing campsite, as described in the accepted application. | EXISTING CAMP |
| 5. | The Permittee shall locate all camps on durable land or previously cleared areas. | CAMP LOCATION |

26(1)(b) TIME

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| 6. | The Permittee's Field Supervisor shall contact an Inspector at (867) 669-2794 at least forty-eight (48) hours prior to the commencement of this land use operation. | CONTACT INSPECTOR |
| 7. | The Permittee shall advise an Inspector at least ten (10) days prior to the completion of the land use operation of (a) the plan for removal or storage of equipment and materials, and (b) when final clean-up and restoration of the land used will be completed. | REPORTS BEFORE REMOVAL |
| 8. | The Permittee shall provide in writing the following information to an Inspector at least forty-eight (48) hours prior to commencement of this land use operation
(a) person, or persons, in charge of the field operation;
(b) alternates; and
(c) all methods for contacting the above person(s). | IDENTIFY AGENT |
| 9. | The Permittee shall clean up and v-notch all ice bridges prior to spring break-up or completion of the land use operation, unless otherwise authorized in writing by an Inspector. | V-NOTCH ICE BRIDGES |
| 10. | The Permittee shall clean up and either remove or v-notch all snow fills from stream crossings prior to spring break-up or completion of the land use operation, unless otherwise authorized in writing by an Inspector. | REMOVE SNOW FILLS |

26(1)(c) TYPE AND SIZE OF EQUIPMENT



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| 11. | The Permittee shall not use any equipment except of a similar type, size, and number listed in the accepted application. | ONLY APPROVED EQUIPMENT |
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26(1)(d) METHODS AND TECHNIQUES

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| 12. | The Permittee shall construct and maintain the overland portion of winter roads with a minimum of ten (10) centimetres of packed snow and/or ice at all times during this land use operation. | WINTER ROAD PORTAGES |
| 13. | The Permittee shall not erect camps or store material other than that required for immediate use on the ice surface of a watercourse. | STORAGE ON ICE |
| 14. | The Permittee shall remove or cut off and seal each drill casing at ground level immediately upon completion of operations at each drill hole. | REMOVAL AND SEALING OF DRILL CASINGS |

26(1)(e) TYPE, LOCATION, CAPACITY AND OPERATION OF ALL FACILITIES

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| 15. | The Permittee shall not locate any sump within one hundred (100) metres of the ordinary high water mark of any watercourse, unless otherwise authorized in writing by an Inspector. | SUMPS FROM WATER |
| 16. | The Permittee shall ensure that the land use area is kept clean at all times. | CLEAN WORK AREA |

26(1)(f) CONTROL OR PREVENTION OF PONDING OF WATER, FLOODING, EROSION, SLIDES AND SUBSIDENCE OF LAND

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| 17. | The Permittee shall, where flowing water from bore holes is encountered, (1) plug the bore hole in such a manner as to permanently prevent any further outflow of water; and (2) report the artesian occurrence to the Inspector immediately. | PLUG ARTESIAN WELLS |
| 18. | The Permittee shall slope the sides of waste material piles, excavations, and embankments - except in solid rock - to a minimum ratio of two (2) horizontal to one (1) vertical, unless otherwise authorized in writing by an inspector. | EXCAVATION, EMBANKMENTS, PILES |
| 19. | The land use operation shall not cause obstruction to any natural drainage. | NATURAL DRAINAGE |
| 20. | The Permittee shall not use any material other than water and snow in the construction of ice bridges. | ICE BRIDGE MATERIALS |
| 21. | The Permittee shall not use any materials other than snow and water in the construction of snow fills. | SNOW FILL MATERIALS |
| 22. | The Permittee shall install erosion control structures as the land use operation progresses. | PROGRESSIVE EROSION CONTROL |



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| 23. | The Permittee shall not conduct off-road vehicle travel in areas without snow-covered surfaces. | OFF-ROAD
VEHICLE TRAVEL |
| 24. | The Permittee shall prepare the site in such a manner as to prevent rutting of the ground surface. | PREVENTION OF
RUTTING |
| 25. | The Permittee shall suspend overland travel of equipment or vehicles at the first sign of rutting. | SUSPEND
OVERLAND
TRAVEL |
| 26. | 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 |
| 26(1)(g) USE, STORAGE, HANDLING AND ULTIMATE DISPOSAL OF ANY CHEMICAL OR TOXIC MATERIAL | | |
| 27. | The Permittee shall not use chemicals in connection with the land use operation that were not identified in the accepted application, unless the MSDS sheets are provided and usage of the chemical(s) is authorized in writing by the Board. | APPROVAL OF
CHEMICALS |
| 28. | The Permittee shall remove all drill waste containing toxic or persistent chemical additives to an approved waste disposal facility. | DRILL WASTE
DISPOSAL |
| 29. | The Permittee may deposit non-toxic drill waste in a sump or natural depression. Any sumps or natural depressions used to deposit drill waste must be located at least 100 metres from the high water mark of any water body, unless otherwise authorized in writing by and Inspector. | DRILL WASTE |
| 30. | The Permittee shall not allow any drilling waste to spread to surrounding lands or into water bodies. | DRILL WASTE
CONTAINMENT |
| 31. | The Permittee shall dispose of all waste petroleum products by removal to an approved waste disposal facility. | WASTE
PETROLEUM
DISPOSAL |
| 32. | The Permittee shall maintain a record of all spills. For all reportable spills, as defined in the 'NT-NU Spill Report Form', the Permittee shall:
(a) immediately report each spill to the 24 hour Spill Report Line (867) 920-8130
(b) report each spill to an Inspector within 24 hours, and
(c) submit, to the Board and an Inspector, a detailed report on each spill within 30 days. | REPORT
CHEMICAL AND
PETROLEUM
SPILLS |

26(1)(h) WILDLIFE AND FISHERIES HABITAT



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| 33. | The Permittee shall take all reasonable measures to prevent damage to wildlife and fish habitat during this land use operation. | HABITAT
DAMAGE |
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26(1)(i) STORAGE, HANDLING AND DISPOSAL OF REFUSE OR SEWAGE

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| 34. | The Permittee shall adhere to the approved Waste Management Plan and shall annually review the Plan and make any necessary revisions to reflect changes in operations, technology, chemicals or fuels. Revisions to the Plan shall be submitted to the Board for approval. | WASTE
MANAGEMENT |
| 35. | The Permittee shall dispose of all sewage and grey water as specified in the Waste Management Plan submitted with the accepted application. | SEWAGE
DISPOSAL |
| 36. | The Permittee shall dispose of all garbage, waste, and debris as described in the approved Waste Management Plan, unless otherwise authorized in writing by an inspector. | REMOVE
GARBAGE |
| 37. | The Permittee shall use a forced-air fuel-fired incinerator to burn all combustible garbage except plastics. | INCINERATOR |
| 38. | The Permittee shall keep all garbage and debris in a secure container until disposal. | GARBAGE
CONTAINER |

26(1)(j) PROTECTION OF HISTORICAL, ARCHAEOLOGICAL AND BURIAL SITES

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| 39. | The Permittee shall not operate any vehicle or equipment within one hundred and fifty (150) metres of a known or suspected historical or archaeological site or burial ground. | ARCHAEOLOGICAL
BUFFER |
| 40. | The Permittee shall, where a suspected archaeological or historical site, or burial ground is discovered:
(1) immediately suspend operations on the site; and
(2) notify the Board at (867) 713-2500 or an Inspector at (867) 669-2794, and the Prince of Wales Northern Heritage Centre at (867) 920-6182 or 873-7688. | SITE DISCOVERY
AND
NOTIFICATION |

26(1)(l) SECURITY DEPOSIT

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| 41. | Prior to commencement of the operation, the Permittee shall deposit with the Minister a security deposit in the amount of \$59,000. | SECURITY
DEPOSIT |
| 42. | All costs to remediate the area under this permit are the responsibility of the Permittee. | LIABILITY FOR
REMEDICATION
COSTS |

26(1)(m) FUEL STORAGE



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| 43. | The Permittee shall report in writing to an Inspector and the Board the location and quantity of all fuel caches within ten (10) days of their establishment. | REPORT FUEL
LOCATION |
| 44. | The Permittee shall not place any fuel storage containers within one hundred (100) metres of the ordinary high water mark of any watercourse, unless otherwise authorized in writing by an Inspector. | FUEL NEAR
WATER |
| 45. | The Permittee shall locate mobile fuel facilities on land when stationary for any period of time exceeding twelve (12) hours. | FUEL ON LAND |
| 46. | The Permittee shall not allow petroleum products to spread to surrounding lands or watercourses. | FUEL
CONTAINMENT |
| 47. | The Permittee shall seal all container outlets and store fuel containers on their sides with the outlets located at 3 and 9 o'clock, except for containers currently in use. | SEAL OUTLET |
| 48. | The Permittee shall mark all fuel containers, including 45-gallon drums, with the Permittee's name. | MARK
CONTAINERS |
| 49. | The Permittee shall ensure that all fuel caches containing 20 or more fuel containers have adequate secondary containment. | FUEL CACHE
SECONDARY
CONTAINMENT |
| 50. | The Permittee shall ensure that spill-response equipment is in place, prior to commencement of operations, to respond to any potential spills. | SPILL RESPONSE |
| 51. | The Permittee shall adhere to the approved Spill Contingency Plan and shall annually review the Plan and make any necessary revisions to reflect changes in operations, technology, chemicals or fuels. Revisions to the Plan shall be submitted to the Board for approval. | SPILL
CONTINGENCY
PLAN |
| 26(1)(o) RESTORATION OF THE LANDS | | |
| 52. | The Permittee shall store overburden and use it to recontour the site after operations are complete, unless otherwise authorized in writing by an Inspector. | SAVE AND PLACE
ORGANIC SOIL |
| 53. | The Permittee shall complete all clean-up and restoration of the lands used prior to the expiry date of this Permit. | FINAL CLEAN UP
AND
RESTORATION |
| 54. | The Permittee shall backfill and restore all sumps prior to the expiry date of this Permit or the end of operations, whichever comes first, unless otherwise authorized in writing by an inspector. | BACKFILL SUMPS |
| 55. | The Permittee shall carry out Progressive Reclamation of disturbed areas as soon as practical. | PROGRESSIVE
RECLAMATION |



26(1)(p) DISPLAY OF PERMITS AND PERMIT NUMBERS

56. The Permittee shall display a copy of this Permit in each campsite established to carry out this land use operation. DISPLAY PERMIT

26(1)(q) BIOLOGICAL AND PHYSICAL PROTECTION OF THE LAND

57. The Permittee shall not commence any drilling or move any equipment within five hundred (500) metres of one or more caribou. CARIBOU DISTURBANCE

