

Box 32, Wekweètì, NT X0E 1W0

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www.wlwb.ca

File: W2011C0004 September 5, 2012

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

Dear Ms. Clements:

### **ISSUANCE OF A TYPE "A" LAND USE PERMIT**

Attached is Land Use Permit No. W2011C0004 granted by the Wek'èezhìi Land and Water Board (WLWB) in accordance with the Mackenzie Valley Resource Management Act. A copy of this Permit has been filed in the Public Registry at the office of the WLWB. The WLWB approved Land Use Permit W2011C0004 for a period of Five (5) years commencing September 5, 2012 and expiring September 4, 2017.

Please read all conditions carefully and note that as per Land Use Permit Condition 26(1)(I), a security deposit in the amount of \$59,000.00 shall be posted with the Minister and copied to the Board prior to the start of the operation pursuant to Section 32 of the Mackenzie Valley Land Use Regulations. Please submit payment of the security, made out to the Receiver General of Canada, to the WLWB office.

New Nadina must ensure compliance with all applicable Federal, Territorial, Tłjcho, and Municipal Legislation, in addition to ensuring compliance with the terms and conditions of the Land Use Permit. The Board also encourages New Nadina to follow through on all commitments made during the Land Use Permit review process and to follow the advice provided by reviewers, including:

- New Nadina's commitment to complete an archaeological site assessment and to seek guidance from the Prince of Wales Northern Heritage Centre; the advice provided by GNWT -Environment and Natural Resources, Fisheries and Oceans Canada, Environment Canada, and Aboriginal Affairs and Northern Development Canada; and
- the recommendations provided by Board staff.

Please be advised that this letter, with attached procedures, all inspection reports, and correspondence related thereto, are part of the Public Registry, and are intended to keep all interested parties informed of the manner in which the Permit requirements are being met. All Public Registry material will be considered if an amendment to the Permit is requested.

The full cooperation of New Nadina Explorations Limited is anticipated and appreciated.

Yours Sincerely,

Violet Camsell-Blondin

v Colondin

Chair

Copy to: Charlene Coe for Scott Stewart, South Mackenzie District, AANDC

Wek'eezhii East distribution list



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Permit Class	Permit No	Amendment No
А	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	Date		
Ellen Clements	August 9, 2011		
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.

Signature Chair

Signature Witness

Commencement Date
September 5, 2012

Expiry Date
September 4, 2017

#### 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.



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# 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, Tłįcho, 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'eezhii 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

1.	The Permittee shall not conduct this land use operation on any lands not	PLANS
	designated in the accepted application.	

- 2. Prior to the commencement of diamond drilling the Permittee shall submit to DRILL LOCATIONS the Inspector, proposed drill targets on a 1:50,000-scale map with coordinates and map datum.
- 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.
- 4. The Permittee shall use an existing campsite, as described in the accepted EXISTING CAMP application.
- 5. The Permittee shall locate all camps on durable land or previously cleared areas. CAMP LOCATION

# 26(1)(b) TIME

- 6. The Permittee's Field Supervisor shall contact an Inspector at (867) 669-2794 at CONTACT least forty-eight (48) hours prior to the commencement of this land use INSPECTOR operation.
- 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.
- 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).
- 9. The Permittee shall clean up and v-notch all ice bridges prior to spring break-up v-NOTCH ICE or completion of the land use operation, unless otherwise authorized in writing by an Inspector.



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	
11.	The Permittee shall not use any equipment except of a similar type, size, and number listed in the accepted application.	ONLY APPROVED EQUIPMENT
	26(1)(d) METHODS AND TECHNIQUES	
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	CASINGS
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	
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
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	
33.	The Permittee shall take all reasonable measures to prevent damage to wildlife and fish habitat during this land use operation.	HABITAT DAMAGE
	26(1)(i) STORAGE, HANDLING AND DISPOSAL OF REFUSE OR SEWAGE	
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	
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.	ARCHAEOLOGICA L 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	SITE DISCOVERY AND NOTIFICATION



Prince of Wales Northern Heritage Centre at (867) 920-6182 or 873-7688.

# 26(1)(I) SECURITY DEPOSIT

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 REMEDIATION COSTS
	26(1)(m) FUEL STORAGE	60313
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	SAVE AND PLACE



operations are complete, unless otherwise authorized in writing by an Inspector. 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

