



**Land Use Permit**

Permit Class	Permit No	Amendment No
A	MV2008C0020	

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

**Aurora Resources Inc.**

Permittee

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

Signature <b>Tom Gerke</b>	Date <b>August 29, 2008</b>
Type of Land Use Operation <b>Mineral Exploration</b>	
Location <b>Wrigley Zinc Property, 13 km west of Wrigley, NT.</b>	

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

Dated at Yellowknife this 2nd day of July, 2009

Signature Chair

Signature Witness

Commencement Date

July 2, 2009

Expiry Date

July 1, 2014

**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.

## Conditions Annexed to and Forming Part of Land Use Permit Number MV2008C0020

### Part A: Scope of Permit

1. This Permit entitles Aurora Resources Inc. to conduct the following activities:
  - a. Diamond drilling on the following Mineral Claims: T1, T2, T3;
  - b. Diamond drilling on the following Canada Mining Leases: 3168, 3169;
  - c. The establishment of a camp able to support up to 24 people at 63°07'56" N, 123°37'23" W; and
  - d. The storage of fuel to support land vehicles and aircraft.

All activities will take place within 63°07'00" N by 63°10'00" N and 123°35'00" W by 123°40'00" W.

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, 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 Mackenzie Valley Land and Water Board established under Part 4 of the *Mackenzie Valley Resource Management Act*.

**"Dogleg"** means clearing a line, trail or right-of-way that is curved sufficiently so that no part of the clearing beyond the curve is visible when approached from either direction.

**"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*.

**"Oil Based Drilling Muds"** means drilling fluids, which use naturally occurring solutions or refined hydrocarbons as a carrier fluid.

**"Permeability"** means the capacity to transmit water through a medium.

**"Sewage"** means all toilet wastes and greywater.

**“Sewage Disposal Facilities”** means Sump(s) and/or Sewage collection tank(s) designed to hold Sewage;

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

**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. | The Permittee shall not conduct any part of the land use operation within 300 metres of any privately owned or leased land or structure.   | PRIVATE PROPERTY                 |
| 3. | The Permittee shall not construct an adit or drill site within 100 metres of the ordinary high water mark of a water body, unless approval in writing is obtained from the Board.  | LOCATION OF ADITS AND DRILLSITES |
| 4. | The Permittee shall locate all camps on gravel, sand, or other durable land.   | CAMP LOCATION                    |
| 5. | When the Permittee is drilling within 100 metres of the ordinary high water mark of a water body, they must employ a recirculating drill and ensure that cuttings do not enter any water body.                                   | LOCATION OF DRILLSITES           |
| 6. | The Permittee shall locate all lines, trails and rights-of-way to be constructed parallel to water bodies a minimum of 100 metres from the ordinary high water mark except at crossings, unless otherwise approved by the Board. | PARALLELING STREAMS              |
| 7. | Prior to the commencement of diamond drilling, the Permittee shall submit to the Inspector and the Board, proposed drill targets on a 1:50,000-scale map.  | DRILL LOCATIONS                  |

**26(1)(b) Time**

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| 8. | The Permittee's Field Supervisor shall contact an Inspector at (867) 695-2626 at least 48 hours prior to the commencement of this land use operation.  | CONTACT INSPECTOR/ BOARD |
| 9. | The Permittee shall advise an Inspector at least ten 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   |

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| 10.  | The Permittee shall provide in writing to the Board and Inspector, at least 48 hours prior to commencement of this land use operation, the following information:  | IDENTIFY<br>AGENT             |
|  | (a) The name(s) of person, or persons, in charge of the field operation to whom notices, orders, and reports may be served;  |                               |
|  | (b) alternates; and  |                               |
|  | (c) all methods for contacting the above person(s).  |                               |
| 11.  | The Permittee shall notify an Inspector at least ten days prior to backfilling any sump.   | BACKFILLING<br>NOTIFICATION   |
| 12.  | The Board, for the purpose of this operation, designates March 31 as spring break-up, or as otherwise approved by an Inspector.  | SPRING<br>BREAK-UP            |
| 13.  | The Permittee shall remove all ice bridges prior to spring break-up or completion of the land use operation.   | REMOVE ICE<br>BRIDGE          |
| 14.  | The Permittee shall remove all snow fills from stream crossings prior to spring break-up or completion of the land use operation unless otherwise approved in writing by an Inspector.   | REMOVE SNOW<br>FILLS          |
| 15.  | The Board and/or Inspector reserve the right to impose closure of any area to the Permittee in periods when dangers to natural resources are severe.   | CLOSURE                       |
| <b>26(1)(c) Type and size of equipment</b> |  |                               |
| 16.  | The Permittee shall not use any equipment except of the type, size, and number that is listed in the accepted application unless otherwise approved in writing by an Inspector.  | ONLY<br>APPROVED<br>EQUIPMENT |
| 17.  | The Permittee shall ensure a garbage container is on site.   | GARBAGE                       |
| <b>26(1)(d) Methods and techniques</b>     |  |                               |
| 18.  | The Permittee shall construct and maintain winter roads with a <del>minimum of ten centimetres packed snow at all times during this</del> land use operation. If this cannot be done, then the Permittee shall construct ice roads in a manner authorized by an Inspector. | SNOW ROADS/<br>ICE ROADS      |
| 19.  | The Permittee shall dogleg lines, trails and rights-of-way that approach lakes, streams, or public roads.  | DOGLEG<br>APPROACHES          |
| 20.  | The Permittee shall plug all boreholes as the land use operation progresses.   | PLUG HOLES                    |
| 21.  | The Permittee shall replace all excavated material from the test pits prior to the expiry of this Permit.  | TEST PITS                     |

22.	The Permittee shall not store material other than that required for immediate use on the ice surface of water bodies.	STORAGE ON ICE
23.	The Permittee shall remove or cut off and seal all drill casings at ground level immediately upon completion of drilling.	REMOVAL AND SEALING OF DRILL CASINGS
<b>26(1)(e) Type, location, capacity, and operation of all facilities</b>		
24.	The Permittee shall not locate any sump within 100 metres of the ordinary high water mark of any water body, unless otherwise authorized in writing by an Inspector.	SUMPS FROM WATER
25.	The Permittee shall ensure that the land use area is kept clean at all times.	CLEAN WORK AREA
<b>26(1)(f) Control or prevention of ponding of water, flooding, erosion, slides, and subsidence of land</b>		
26.	(a) The Permittee shall, where flowing water from bore holes is encountered, plug the bore hole in such a manner as to permanently prevent any further outflow of water; and (b) The artesian occurrence shall be reported to the Inspector immediately.	PLUG ARTESIAN WELLS
27.	The Permittee shall slope the sides of excavations and embankments except in solid rock to a horizontal/vertical ratio of 2 horizontal to 1 vertical.	EXCAVATIONS AND EMBANKMENTS
28.	The Permittee shall minimize approach grades on all winter lake and/or stream crossings.	MINIMIZE APPROACH
29.	The land use operation shall not cause obstruction to any natural drainage.	NATURAL DRAINAGE
30.	The Permittee shall not cut any stream bank.	STREAM BANKS
31.	The Permittee shall not use any material other than water in the construction of ice bridges.	ICE BRIDGE MATERIALS
32.	The Permittee shall not use any material other than snow in the construction of snowfills.	SNOW FILLS
33.	The Permittee shall not allow any ice bridge to hinder the flow of water.	ICE BRIDGE
34.	The Permittee shall not ford wet streams.	NO FORDING OF STREAMS
35.	The Permittee shall install erosion control structures as the land use operation progresses.	PROGRESSIVE EROSION CONTROL

36.	The Permittee shall suspend overland travel of equipment or vehicles at the first sign of rutting.	SUSPEND OVERLAND TRAVEL
37.	The Permittee shall slope the sides of waste material piles to a horizontal/vertical ratio of 2 horizontal to 1 vertical unless otherwise authorized in writing by and Inspector.	WASTE MATERIAL PILES
<b>26(1)(g) Use, storage, handling, and ultimate disposal of any chemical or toxic material</b>		
38.	The Permittee shall not use chemicals in connection with the land use operation that were not identified in the accepted application.	APPROVAL OF CHEMICALS
39.	The Permittee shall remove all drill waste containing poisonous or persistent chemical additives to an approved disposal facility.	DRILL WASTE DISPOSAL
40.	The Permittee shall deposit all non-toxic Drill Waste into a sump.	DRILL WASTE
41.	The Permittee shall report all spills immediately to the 24-hour Spill Report Line (867) 920-8130, which is in accordance with instructions contained in "Spill Report" form N.W.T. 1752/0593.	REPORT CHEMICAL AND PETROLEUM SPILLS
<b>26(1)(h) Wildlife and fish habitat</b>		
42.	The Permittee shall construct and maintain the water intake using the DFO recommended 2.54 mm fine mesh size to prevent entrainment of fish. Other dimensions must follow DFO's <i>Freshwater Intake End-of-Pipe Fish Screen Guidelines</i> .	PREVENT ENTRAINMENT
<b>26(1)(i) Storage, handling, and disposal of refuse or sewage</b>		
43.	The Permittee shall dispose of all sewage and greywater as proposed in the accepted application.	SEWAGE DISPOSAL
44.	The Permittee shall remove all non-combustible garbage and debris, including plastics, from the land use area to a disposal site as specified in the accepted application.	REMOVE GARBAGE
45.	The Permittee shall incinerate all combustible garbage and debris, except plastics.	INCINERATION
46.	The Permittee shall keep all garbage and debris in a covered metal container on site until disposed of.	GARBAGE CONTAINER
47.	The Permittee shall remove all scrap metal, discarded machinery, parts, barrels and kegs, buildings, and building material to an approved waste disposal facility.	REMOVE WASTE MATERIAL

**26(1)(j) Protection of historical, archaeological, and burial sites**

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| 48. | The Permittee shall not operate any vehicle within 30 metres of a known or suspected archaeological site.  | OPERATE<br>VEHICLE           |
| 49. | The Permittee shall ensure that all persons working under authority of the Permit are aware of these conditions concerning archaeological land use activity.   | NOTIFICATION<br>TO EMPLOYEES |
| 50. | Should a suspected historical or archaeological site or burial ground be discovered, the Permittee shall immediately suspend operations on the site or burial ground and notify either the Mackenzie Valley Land and Water Board at (867) 669-0506 or the Inspector. | CONTACTS                     |

**26(1)(k) Objects and places of recreational, scenic, and ecological value**

**26(1)(l) Security deposit**

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| 51. | The Permittee shall deposit with the Minister a security deposit in the amount of \$65,000.00 pursuant to section 32 of the Mackenzie Valley Land Use Regulations. | SECURITY<br>DEPOSIT                            |
| 52. | All costs to remediate the area under this Permit are the responsibility of the Permittee.   | RESPONSIBILITY<br>FOR<br>REMEDICATION<br>COSTS |

**26(1)(m) Fuel storage**

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| 53. | The Permittee shall not place any fuel storage containers within 100 metres of the normal high water mark of any water body, unless otherwise authorized in writing by an Inspector. | FUEL BY<br>STREAM   |
| 54. | The Permittee shall not allow petroleum products to spread to surrounding lands or into water bodies.  | FUEL<br>CONTAINMENT |
| 55. | The Permittee shall use containment for fuel storage between 410 and 4,000 litres that are authorized in writing by the Inspector.   | FUEL<br>CONTAINMENT |
| 56. | The Permittee shall:<br><br>(a) Examine all fuel storage containers for leaks a minimum of once every day; and<br>(b) Repair all leaks immediately.                                  | CHECK FOR<br>LEAKS  |
| 57. | The Permittee shall submit to the Board, prior to commencement of operations, a spill contingency plan for chemical and petroleum spills.  | CONTINGENCY<br>PLAN |

58.	The Permittee shall ensure that adequate contingency plans and spill kits are in place, prior to commencement of operations, to respond to any potential spills.	SPILL RESPONSE
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**26(1)(n) Methods and techniques for debris and brush disposal**

59.	The Permittee shall dispose of all brush and debris cleared from trails and lines by:	BRUSH DISPOSAL
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- (a) Pushing or felling the material into the adjacent forest; and
- (b) Cutting the branches from the stems and cutting the stems into lengths so that all parts of the trees felled lie flat on the ground surface.

60.	The Permittee shall totally dispose of all debris and brush by burning.	BURN BRUSH
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61.	The Permittee shall complete total disposal of all debris and brush cleared prior to the expiry date of the Permit.	BRUSH DISPOSAL/ TIMING
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62.	The Permittee shall progressively complete disposal of all debris and brush.	PROGRESSIVE DISPOSAL
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**26(1)(o) Restoration of the lands**

63.	The Permittee shall save the organic soil stripped from the excavation area and place the organic soil over the disturbed area prior to the expiry date of this Permit.	SAVE AND PLACE ORGANIC SOIL
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64.	The Permittee shall commence and foster revegetation on the land used, as directed by an Inspector, within one year of the completion of the land use operation.	RE-ESTABLISH VEGETATION
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65.	The Permittee shall backfill and restore all sumps prior to the expiry date of this Permit.	BACKFILL SUMPS
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**26(1)(p) Display of permits and permit numbers**

66.	The Permittee shall display a copy of this Permit in each campsite established to carry out this land use operation.	DISPLAY PERMIT
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67.	The Permittee shall keep on hand, at all times during this land use operation, a copy of the land use permit.	COPY OF PERMIT
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**26(1)(q) Matters not inconsistent with the regulations**

68.	The Permittee shall ensure that all persons working under the authority of the Permit are aware of and will adhere to the conditions as stated in the Permit.	NOTIFICATION TO ALL EMPLOYEES/
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69. The Permittee shall, while preparing the access road, make every effort to avoid covering or destroying traps or snares that may be found along these routes.

CONTRACTORS  
TRAPS  
PROTECTION

70. The Permittee shall restore any trails used by trappers or hunters along access routes 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

71. The Permittee shall not conduct activities on this Permit within 300 metres of a cabin used for traditional activities including trapping, hunting, or fishing.

AVOID CABINS