

Mackenzie Valley Land and Water Board  
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Mackenzie Valley Land & Water Board

File

Application for:

New Land Use Permit

Amendment

to

AUG 12 2008

Application # INV2008C0020

Copied To KGI Reg

1. Applicant's name and mailing address: Aurora Resources Inc 100-631 Carnarvon St., New Westminster, B.C., V3M-1E3	Fax number: 604-527-7991
2. Head office address: as above  Field supervisor: Ronald McIntyre Radiotelephone: n/a	Telephone number: 604-527-7996
3. Other personnel (subcontractor, contractors, company staff etc.)  TOTAL: 24 (Number of persons on site)	Fax number: as above  Telephone number: as above
4. Eligibility: (Refer to section 18 of the <i>Mackenzie Valley Land Use Regulations</i> )  a)(i) <input checked="" type="checkbox"/> a)(ii) <input type="checkbox"/> a)(iii) <input type="checkbox"/> b)(i) <input type="checkbox"/> b)(ii) <input type="checkbox"/>	
5. a) Summary of operation (Describe purpose, nature and location of all activities.)  Diamond drilling and mineral exploration program: all activities will take place on the Wrigley Zinc property, near Wrigley, NT. Drilling will include ~90 holes totaling about 20,000 meters of coring, NQ and HQ sizes. Drill sites will be prepared with hand tools for minimal ground disturbance. Drills will be moved by helicopter from site to site. Excavator trenching and sampling of the ore zones will total about 30 trenches averaging 15-30 meters length; all trenches will be backfilled immediately after sampling. Excavator may dig temporary sumps for drilling water. Equipment access will be via existing seismic lines, about 12km to near the north property boundary, then approximately 5km of new access trail to the work sites. Trails will be constructed to permit ATV access in summer and snow machine access in winter. Excavator may pull it's own skid shack and fuel tank while walking in to the property.  b) Please indicate if a camp is to be set up. (Please provide details on a separate page, if necessary.) Yes.  A camp will be located as shown on the accompanying map, for approximately 24 man occupancy. This will include sleeping tents, kitchen tent, storage tent and a temporary plywood "dry". Domestic water will be taken from the nearby lake. Cookhouse, dry, outhouse and grey water sump are to be located on the west side of the site, where the drainage slopes away from the lake. All tents will have oil heaters. In addition, an emergency tent may be erected near a drill site if located distant from camp. Water supply, sanitation and fire protection will be constructed and maintained in accordance with Northwest Territories regulations.	

6. Summary of potential environmental and resource impacts (describe the effects of the proposed land-use operation on land, water, flora & fauna and related socio-economic impacts). Use separate page if necessary.)

Area affected by new access trail 5.0ha, by camp 0.5ha, by drill sites 2.0ha, by trenches 1.5ha. Total area 9.0ha.  
 There will be no duplication of trails.  
 There will be no water contaminants released. Air emissions will be restricted to diesel equipment exhaust.  
 No effect on wildlife, water, flora or related socio-economic impacts is anticipated except the disturbed areas shown above.

7. Proposed restoration plan (please use a separate page if necessary).

At the end of each field season all machinery, hydrocarbons, empty drums, food and garbage will be removed from all sites. Temporary or portable structures such as tent frames will remain on site, and wooden materials such as planks, timbers, core boxes, etc. will remain on site, stored in a tidy fashion.  
 Minor tools and hardware may be stored in the dry over the winter. Nothing attractive to animals will be left on site.  
 Drill sites will be cleaned up after use, all foreign materials removed and brush/woody debris scattered on the site.  
 Areas disturbed by machinery will be recontoured to approximate pre-existing topography. Any topsoil or organic horizon will be saved, then spread on each site after recontouring, and any woody debris scattered on the site.  
 During trail establishment the route will be selected to avoid wetlands and mature timber stands. Existing seismic trails and clearings will be employed wherever possible. Where present, areas burnt in the recent (2005) forest fire will be preferred to reduce disturbance of green vegetation. Timber and woody debris will be bucked as necessary and scattered to both sides of the access trail, with materials managed to eliminate any obstacles and reduce forest fire hazard. Ground disturbance will be kept to a minimum.  
 All areas where soil has been disturbed will be seeded and fertilized using mixes approved by regulatory authorities.

8. Other rights, licenses or permits related to this permit application (mineral rights, timber permits, water licenses, etc.)

Canada Mining Leases # 3168 and 3169, Mineral Claims # T1, T2 and T3.

Roads:            Is this to be a pioneered road?    Partly            Has the route been laid out or ground truthed?    Partly

9. Proposed disposal methods.

- a) Garbage: Remove to Wrigley dump.            b) Sewage (Sanitary & Grey Water): Outhouse; grey water sump
- c) Brush & trees: buck and scatter, burn if necessary by permit only.
- d) Overburden (Organic soils, waste material, etc.): Minimal disturbance wherever possible; organic soils to be saved and spread over disturbed areas after recontouring to pre-existing topography. All pits or trenches to be backfilled after use.

10. Equipment (includes drills, pumps, etc.) (Please use separate page if necessary.)

Type & number	Size	Proposed use
Diamond drills - four	NQ/HQ, helicopter portable	Core drilling
Water Supply Pumps - four	Low volume, high pressure, 1 inch hoses	Supply water to diamond drills
Excavator - one	Caterpillar 320 or equivalent	Trenching
Helicopter - one	Astar	Access, moving drills, emergency airlift

11. Fuels	( )	Number of containers	Capacity of containers	Location
Diesel		70	200 liter	drillsites, pump sites, camp
Gasoline		5	200 liter	same
Aviation fuel		10	200 liter	helipads
Propane		10	100 lb	camp, drillsites
Other – welding tanks		2	50 lb	drill sites

12. Containment fuel spill contingency plans. (Please attach separate contingency plan if necessary).

No more than 19 drums at any one site. Helicopter contractor to supply fuel pump, spill kit and jet fuel containment.

Drill contractors to have spill kits at all drill and pump sites. Aurora to supply spill kits at camp and fuel cache sites.

All fuel transfer points will have spill containment. All tent, drill and pump fuel tanks, and small fuel container storage will have spill containment. Spill pads will be employed at all drip points and fuel-proof plastic barriers will be deployed under equipment where appropriate.

13. Methods of fuel transfer (to other tanks, vehicles, etc.)

Hand pump, electric fuel pump

14. Period of operation (includes time to cover all phases of project work applied for, including restoration)

Work to begin in 2008 immediately upon granting of land use permit.

Normal work season will be May 1 through October 31 of each year. Access, construction, site preparation, mobilization or demobilization may extend from March 1 through November 31 of each year.

15. Period of permit (up to five years, with maximum of two years of extension). 5 years

16. Location of activities by map co-ordinates (attach maps and sketches) - NAD83

Minimum latitude (degrees, minutes, seconds) 63°07'00"	Maximum latitude (degrees, minutes, seconds) 63°10'00"
Minimum longitude (degrees, minutes, seconds) 123°35'00"	Maximum longitude (degrees, minutes, seconds) 123°40'00"

Map Sheet no. 950 / 4

17. Applicant  
 Print name in full Ronald F. McIntyre

Signature  Date July 28, 2008

18. Fees Type A - \$150.00 \*\* Type B - \$150.00 \*\* (\*\*Application Fees are Non-Refundable\*\*)

Land use fee: 9.0 hectares @ \$50.00/hectare \$ 450.00

Assignment fee \$50.00 \$ 50.00

Total application and land use fees \$ 600.00

***Please make all cheques payable to "Receiver General of Canada"***

PKFN Consultation Logs from September 2007 to July 2008.

A summary of significant dates in aid of Aurora's Permit Application to the MVLWB.

-September 11<sup>th</sup>: Ron McIntyre (Aurora President) and I (Tom Gerke, responsible for Aboriginal Affairs) met in Wrigley with Chief Darcy E. Moses, D'Arcy J. Moses (SAO) and Dan Steiner (EDO) to sign our first Memorandum of Understanding between Aurora Resources and the PKFN.

As part of this meeting, we brought up the issue of having to begin the application for an expanded permit and the consultation that would necessarily have to be a part of the process. It was agreed that the Community would first have to be educated on various aspects of this process specifically and what development would mean in general. Only then would a presentation by Aurora to the Band Council along with a further meeting for the Community be meaningful. At the end of this process, Aurora Resources Inc. would be welcome to make application to the MVLWB for a new permit.

-October 21<sup>st</sup>-24<sup>th</sup>. Having discussed in general terms over several phone conversations what the "road map should look like", D'Arcy J. Moses and I agree to meet in Yellowknife along with Chief Darcy E. Moses. The first step of the application process and a cornerstone of the "road map" would be a workshop educating the Community about mineral exploration and the proposed application to the MVLWB. I offered to set up the initial meetings with INAC and the Board.

October 23<sup>rd</sup>. D'Arcy J. Moses and I went to the Office of Mineral Development (INAC) to meet with Mike Byrne (Mineral Development Advisor) and Gary Potts (Manager). The community workshop was discussed at length and agreed by all parties that it should be a priority. Concerns that the Community had about our exploration program to date would specifically be addressed in the workshop.

October 24<sup>th</sup>. D'Arcy J. Moses and I attend the offices of the MVLWB. We met with Peter Lennie-Misgeld (Senior Regulatory Officer) and Tyree Mullaney (Regulatory Officer). Discussed was Board participation in the proposed workshop along with general questions about the permitting process. Any specific Community concerns brought forth through the workshop would be addressed in our new permit application.

-November 20<sup>th</sup>-22<sup>nd</sup>: As part of the educational process, INAC and Aurora Resources invited members of the Community to the Geoscience Forum in Yellowknife. The delegation from the Community consisted of the Chief, SAO and four Elders. Mike Byrne from Mineral Development hosted a separate meeting for the group. As Aurora's representative, I met informally with individual members to discuss any questions about our proposed application that came to mind as a result of the Geoscience presentations.

-December 19<sup>th</sup>. I met with the outgoing and incoming Senior Administrative Officers for the PKFN in Fort Simpson. The forthcoming community workshop along with Aurora's follow-up presentation was thoroughly discussed. Given the success of the Geoscience Forum, all parties plan on meeting at the Roundup in Vancouver.

-Jan. 30<sup>th</sup>-Feb. 2<sup>nd</sup>. D'Arcy J. Moses and Albert Moses (Elder) are in Vancouver to attend the Roundup. The public presentations once again were an opportunity to discuss issues related to exploration and development. Aurora Resources undertakes to do everything in the Company's power to hasten the long awaited community workshop.

-March 27<sup>th</sup>. After much discussion by phone and due to time constraints on all participants, the workshop takes place in Yellowknife. Sixteen members of the Community arrive in the offices of Mineral Development to attend a day long workshop. Topics discussed include mineral exploration, mine development and the permitting process. Aurora Resources Inc. did not attend the workshop.

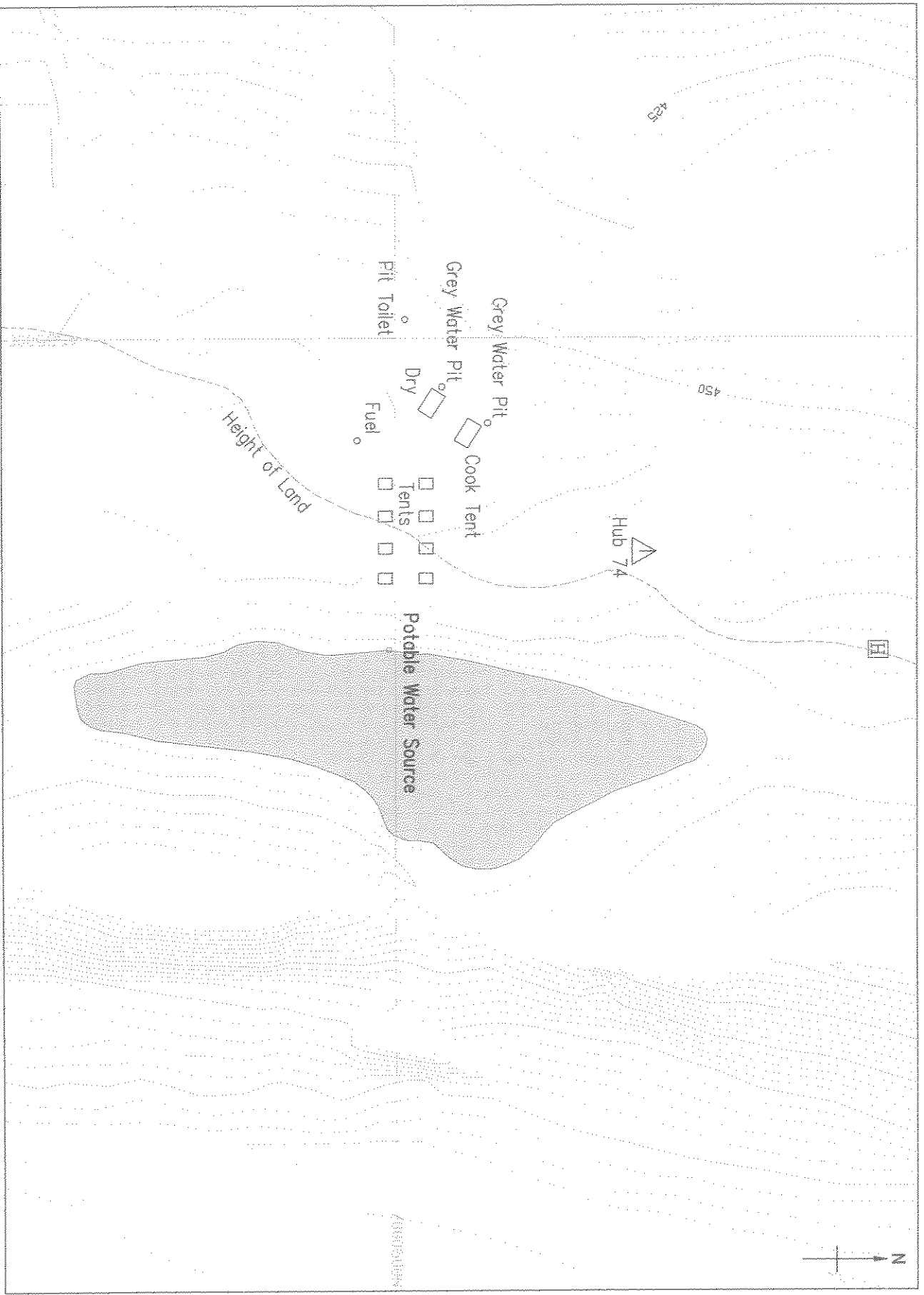
-April 10<sup>th</sup>-11<sup>th</sup>. As the next stop on the "road map", Aurora Resources was invited to hold a Community Meeting in Wrigley. We sent technical reports and a proposed application to the Band Office prior to our arrival. Over a three hour period including questions and discussion, Ron (President of Aurora) and I outlined to the 24 adults present our results so far, what we would like to accomplish over the coming exploration season and how this would relate to the proposed application.

April 11<sup>th</sup>. A Council Meeting was held in order to consider our request for Community support of Aurora's exploration endeavors as well as our new permit application, Aurora did not attend. We were informed afterward by Rock Matte as SAO and R. Paul Nadjiwan as EDO that the Council had resolved to conduct a Survey of all Community Residents to ascertain with absolute clarity what the Community feelings were.

This Survey would be created by the Community, for the Community, conducted in both English and Slavey. This Survey would examine community opinion on mineral exploration in general and Aurora's activity specifically. Aurora's involvement would be strictly limited to providing material such as drill core and slides used in our presentation the evening previously.

-July 15<sup>th</sup>. Aurora Resources Inc. receives notification in the form of an email from R. Paul Nadjiwan that the Survey is complete and that the Community was found to be in favor of Aurora's planned activities as discussed in the previous months.

-July 16<sup>th</sup>-31<sup>st</sup>. With a mandate in place from the Community, a number of phone calls and emails were exchanged. As the next step in preparation for Aurora's expanded exploration plans, Band Council met to discuss the Survey along with related issues such as their establishment of an MOU Committee and setting a date in August when a representative of Aurora Resources, Band Council and the MOU Committee would meet to begin this new process. These topics of interest to the Community, as well as outlining Aurora's preparations for the coming exploration year and the Permit Application to the MVLWB will form the body of the discussions.



**AURORA RESOURCES INC.**  
 WRIGLEY ZINC PROPERTY  
 PROPOSED CAMP LOCATION  
 Scale 1:2000    MAR 17 2008