



VIA EMAIL

Anneli Jokela, PhD
Regulatory Manager
Wek'èezhii Land and Water Board
#1-4905 48th St. | Yellowknife, NT | X1A 3S3
ph 867.765.4588 | fax 867.765.4593

Re: North Arrow Minerals Inc. (North Arrow) - Amendment to Land Use Permit W2017C0001

Dear Ms. Jokela,

North Arrow Minerals has added six additional claims in the western part of the Loki Diamond Project. We would like to apply, by way of this letter and the attached documents, to have our Land Use Permit **W2017C0001** ("the Land Use Permit"), originally issued in March of 2017, amended to include these additional claims (see map below for claim locations).

It is our intention to conduct prospecting, sampling, geophysics and drilling at the property, which may include areas within the newly added claims.

Along with this letter I have included a Land Use Permit Amendment Application, revised Spill Contingency, Waste Management and Engagement Plans, updated Pre-submission Engagement Documentation, GIS data related for the property mineral claims, and an update to the Security Calculator.

Should you have any questions or comments regarding this submission, please contact the undersigned at your convenience at 604-563-4808, or Nick Thomas at 604-563-4809 (nthomas@northarrowminerals.com).

Per:

A handwritten signature in blue ink, appearing to read "Mike MacMorran".

Mike MacMorran, *Geologist*
North Arrow Minerals Inc.

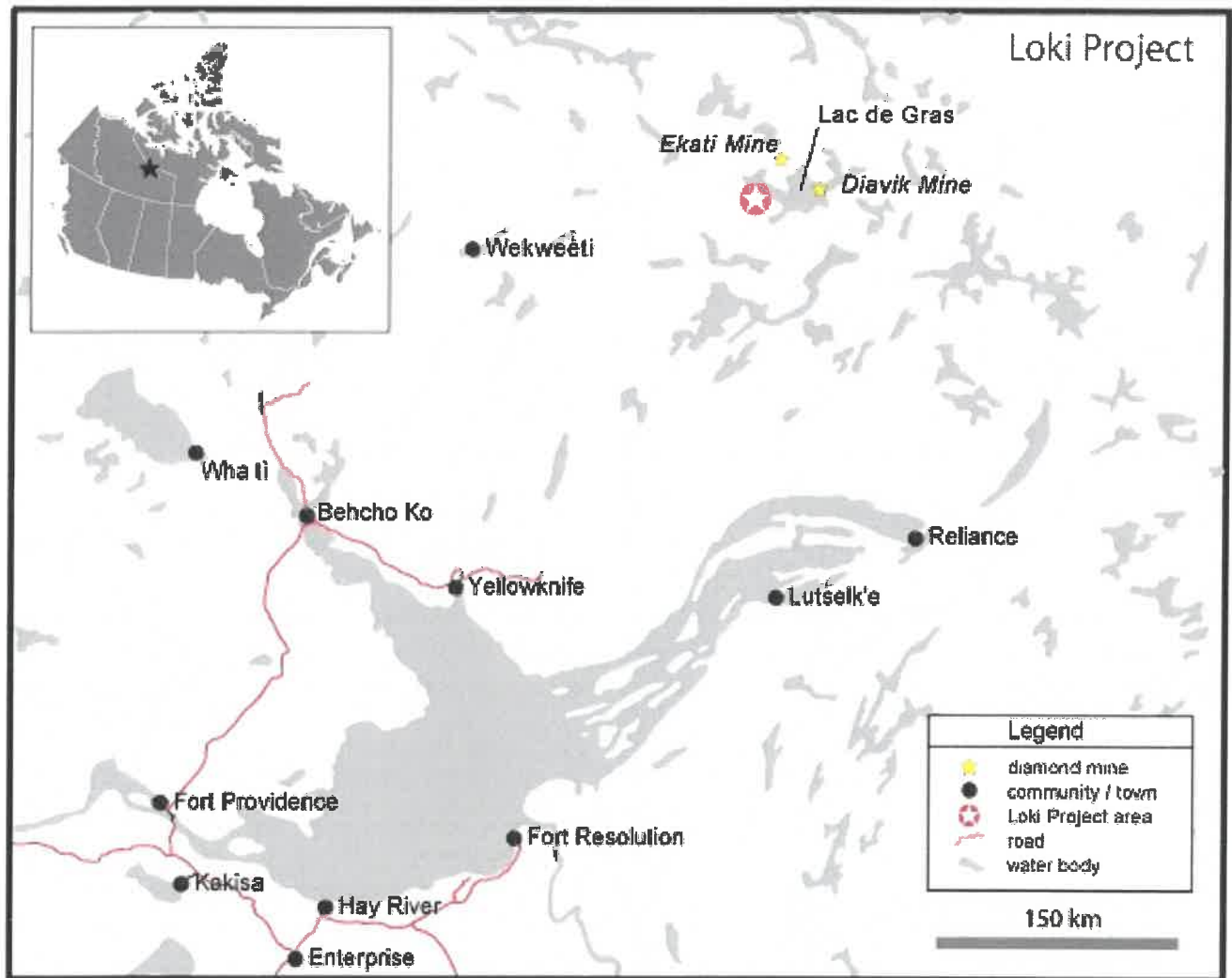


Figure 1: Loki Project Location Map.

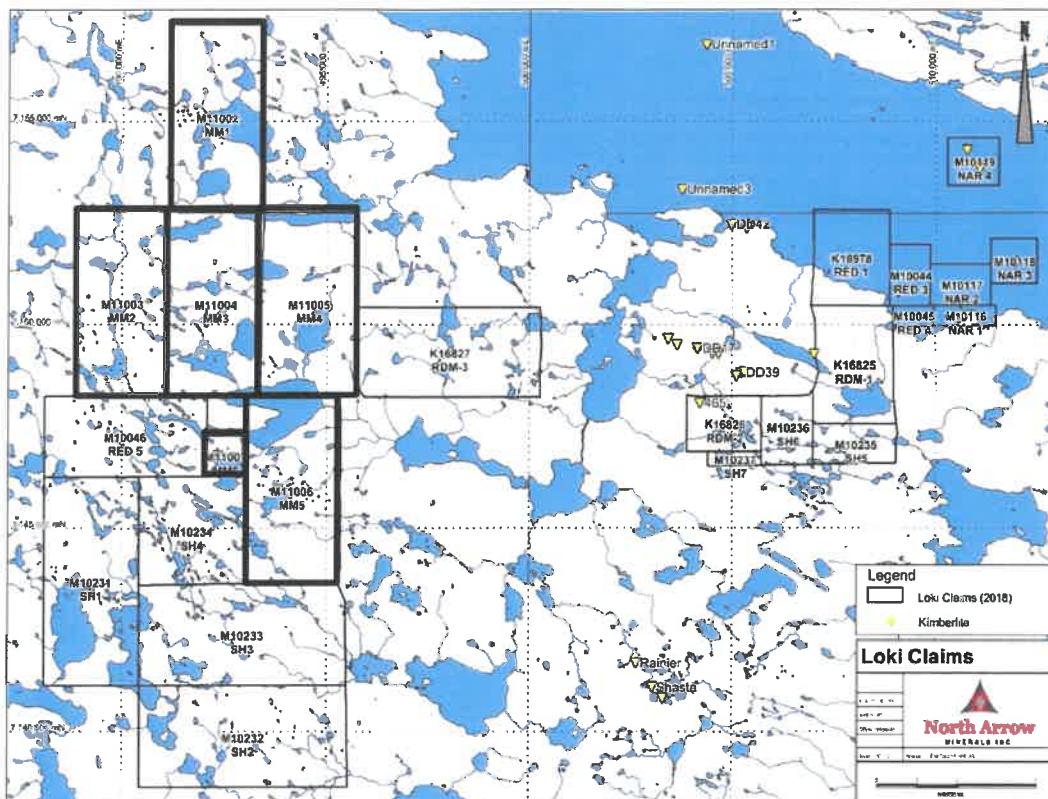


Figure 2: Project location with new claims (MM1-MM6).

Table 1: Loki Project Mineral Tenure with MM1-MM6 Additions

Diamond Project	Disposition Number	Claim Name	Surface Area (hectares)
Loki	K16825	RDM-1	568.58
Loki	K16826	RDM-2	252.12
Loki	K16827	RDM-3	998.77
Loki	K16978	RED 1	418.04
Loki	M10044	RED 3	150.00
Loki	M10045	RED 4	50.00
Loki	M10046	RED 5	785.00
Loki	M10231	SH1	1250.00
Loki	M10232	SH2	1250.00
Loki	M10233	SH3	1250.00
Loki	M10234	SH4	625.00
Loki	M10235	SH5	200.00
Loki	M10236	SH6	213.00
Loki	M10237	SH7	47.00
Loki	M10116	NAR1	75.00
Loki	M10117	NAR2	150.00
Loki	M10118	NAR3	100.00
Loki	M10119	NAR4	225.00
Loki	M11002	MM1	1047.00

Loki	M11003	MM2	1125.00
Loki	M11004	MM3	1125.00
Loki	M11005	MM4	845.00
Loki	M11006	MM5	1058.00
Loki	M11006	MM6	90.00



Box 32, Wekweètì, NT X0E 1W0
Tel: 867-713-2500 Fax: 867-713-2502

#1-4905 48th Street, Yellowknife, NT X1A 3S3
Tel: 867-765-4592 Fax: 867-765-4593
www.wlwb.ca

Application for:

New Land Use Permit **Amendment** to W2017C0001

<p>1. Applicant's name and mailing address: North Arrow Minerals Inc. Suite 960 - 789 West Pender St. Vancouver, BC V6C 1H2</p>	<p>Fax number: 604-336-4813</p>
<p>2. Head office address: same as above Field supervisor: TBA Radiotelephone: TBA</p>	<p>Telephone number: 604-668-8355</p> <p>Fax number:</p> <p>Telephone number:</p>
<p>3. Other personnel (subcontractor, contractors, company staff etc.) Drill Company TBA; Helicopter Company TBA</p> <p>TOTAL: Number of persons on site will be between 9-11 individuals (2 geologists, 1 geotechnician, 1 cook/first aid, 1 helicopter pilot, 1 engineer, 3-5 drillers) during programs</p>	
<p>4. Eligibility: (Refer to section 18 of the <i>Mackenzie Valley Land Use Regulations</i>)</p> <p>a)(i) <input checked="" type="checkbox"/> a)(ii) <input type="checkbox"/> a)(iii) <input type="checkbox"/> b) <input type="checkbox"/></p>	
<p>5. a) Summary of operation (Describe purpose, nature and location of all activities.)</p> <p>North Arrow wishes to add the following claims to MVLWB authorization W2017C0001 which covers the "Loki Project" at Lac de Gras: M11002 to M11007 (MM1 to MM6). These claims would be in addition to claims (SH1 to SH7, RDM-1 to RDM-3, RED 1, RED 3 to RED 5, NAR1 to NAR4).</p> <p>Proposed/authorized land use activities at the project have not changed, and potential exploration work includes diamond and/or reverse circulation drilling, heavy mineral sampling, geophysics and prospecting. All land use activities are to be conducted within the abovementioned mineral claims.</p> <p>b) Please indicate if a camp is to be set up. (Please provide details on a separate page, if necessary.)</p> <p>There are no plans to construct a camp. Work would be conducted out of one of the already existing camps in the area (i.e. HW Camp south of Lac de Gras, Credit Lake Camp west of Lac de Gras, etc.).</p>	

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.)

Drilling will be completed with a Heli-portable drill rig, and thus will not have the impact of overland transport. Drill cuttings will be captured in a natural depression and/or a hand dug sump. All natural depressions chosen for sumps will be of sufficient size to contain all the drill cutting, additionally, they shall be no closer than 100 metres from any body of water, unless drilling is scheduled prior to spring thaw. Wildlife, and particularly caribou, will be monitored to ensure that drilling activity does not cause a disruption to migration, calving, nesting, hibernation or other activities. Drilling will be halted if wildlife is seen in the area (within 1 km) and will recommence once animals have moved out of the area. All drill sites will be checked for heritage and archaeological artifacts prior to drilling. Socio-economic impacts are very minimal at this stage of exploration as are employment opportunities are few, if any. Project impact(s) and employment opportunities will be discussed with stakeholders as part of the Loki Project Engagement Plan.

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

Drill sites will be restored as close as possible to the pre-drilling state. With the exception of cuttings in sumps, all refuse will be removed from the drill site.

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

Land use activities will be limited to the existing mineral claims (SH1 to SH7, RDM-1 to RDM-3, RED 1, RED 3 to RED 5, NAR1 to NAR4, MM1 to MM6).

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

9. Proposed disposal methods.

To complete this section of the application form, a Waste Management Plan for the proposed activities is to be developed in accordance with the Board's *Guidelines for Developing a Waste Management Plan* (click [here](#) to access) and submitted as an attachment to the application form. A template for this Plan is provided in the *Guidelines*.

- | | |
|---|--|
| a) Garbage:
See Loki Project <i>Waste Management Plan</i> | c) Brush & trees: n/a |
| b) Sewage (Sanitary & Grey Water):
See Loki Project <i>Waste Management Plan</i> | d) Overburden (Organic soils, waste material, etc.): n/a |

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

Type & number	Size	Proposed use
One Diamond and/or RC Drill	JKS Boyles (Diamond) or Hornet (RC)	Drilling/target-testing
One Water Pump	Small (5-10 horsepower)	Diamond drilling
One Helicopter	Bell 206 LR (or similar)	Crew-changes; moving drill
One Snowmobile	Yamaha Bravo (or similar)	Crew-changes in winter

11. Fuels	()	Number of containers	Capacity of containers	Location
Diesel		30	205 litres	Camp and drill
Gasoline		5	20 litres	Camp
Aviation fuel	Jet A	30	205 litres	Camp and drill
Propane		1	100 lbs	Drill (in winter)
Other				

12. Containment fuel spill contingency plans.

A spill contingency plan for the proposed activities is to be developed in accordance with INAC's *Guidelines for Spill Contingency Planning, April 2007* (accessible [here](#)). This plan is to be submitted as an attachment to the application form.

See Loki Project *Spill Contingency Plan*

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

See Loki Project *Spill Contingency Plan*

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

Operations will continue to be periodic and will depend on available resources, weather, market conditions, etc.

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

The 5-year permit was granted March 2, 2017 and will expire March 1, 2022

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

See updated mineral claims map attached below.

Minimum latitude (degrees, minutes, seconds) <i>N64°22'25.00"</i>	Maximum latitude (degrees, minutes, seconds) <i>N64°32'28.00"</i>
Minimum longitude (degrees, minutes, seconds) <i>W111°14'54.25"</i>	Maximum longitude (degrees, minutes, seconds) <i>W110°44'25.45"</i>

Map Sheet no. Same as original proposal

17. Applicant *Mike MacMoran, Geologist*
Print name in full

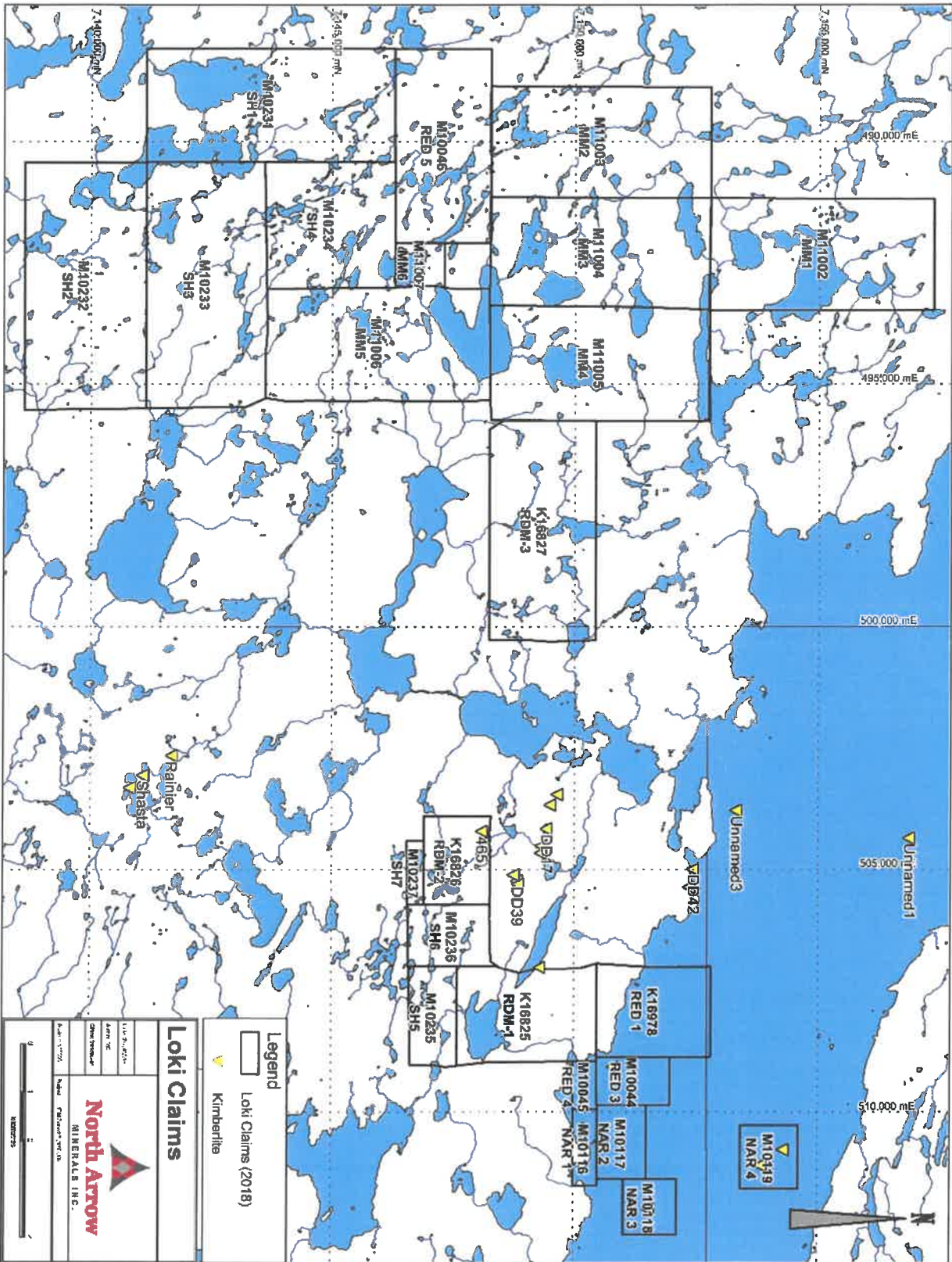
Signature 

Date *April 16, 2019*

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

Land use fee: _____ hectares @ \$50.00/hectare \$ _____
Assignment fee \$50.00 \$ _____ Total application

Please make all cheques payable to "Receiver General for Canada"



Updated Loki Project Mineral Claims Map, Lac de Gras, NT