



## APPLICATION FOR LAND USE PERMIT

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## OFFICE USE ONLY

Application fee	Land use fee	General receipt number	Date (YYYYMMDD)	Class	Permit number

To be completed by all applicants ☐ ☒ New application ☐ Amendment

1. a) Applicant name (full name, no initials) <b>Alia Bigio</b>	Telephone number <b>867-975-4292</b>
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1. b) Applicant address <b>918 Nunavut Drive Iqaluit NU X0A 3H0</b>	Facsimile number
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2. Head office address <b>Canada-Nunavut Geoscience Office 1106 Ikaluktuutiaq Drive, 1st Floor Iqaluit NU X0A 3H0</b>	Telephone number
	Facsimile number

Field supervisor <b>Tommy Tremblay</b>	Radio telephone	Email address	Telephone number <b>867-975-1453</b>
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3. Other personnel (subcontractor, contractors, company staff, etc.)

**Danny Wright, Chief Geologist, CNGO****Celine Gilbert, GIS Expert, CNGO****Other academic researchers to be determined**Total **\$8.00**

## 4. Qualifications

Refer to Section 21 of the *Territorial Land Use Regulations*

Number exploration permit mineral claims (if applicable)

☐ a(i) ☐ a(ii) ☐ a(iii) ☐ b ☒ c **None**

## 5. a) Summary of operation (describe purpose, nature and location of all activities)

Refer to Section 22(2)(b) of the *Territorial Land Use Regulations* (use additional information field on last page, if necessary)

**The Canada-Nunavut Geoscience Office is planning a 16-day field research program for August 2025, the Sylvia Grinnell Geoscience Program. The program will be focused on a 30 km<sup>2</sup> area around Sylvia Grinnell Lake northwest of Iqaluit, and will follow up on surficial geology work which identified anomalous quantities of cassiterite and scheelite mineral grains in stream sediment samples. The majority of the program's operations will be based out of Iqaluit NU and will be helicopter-supported.**

b) Indicate if a camp is to be set up (use additional information field on last page, if necessary)

**A small fly camp consisting of 3-4 tents and approximately 4 personnel may be set up at 64.2N, 69.0W for a period of up to 5 days (one day each for helicopter-based mobilization and demob, three days of detailed field work). The proposed activities will not include fuel caches or water usage other than personal use while in the field.**

## 6. Summary of potential environmental and resource impacts

(describe the effects of the proposed program on land, water, flora and fauna and related socio-economic areas)

(use additional information field on last page, if necessary)

**Potential impacts will be minimal. Personnel will undertake field traverses (essentially long hikes) to collect geological research samples of rocks or sediment up to 5kg each; water usage for the program will be limited to personal use while in the field; program will be helicopter-supported so appropriate landing locations will be selected by the pilot. If a fly camp is mobilized, it will not include fuel caching.**

## 7. Proposed restoration plans (use additional information field on last page, if necessary)

**The program is not anticipated to include activities that will require restoration or remediation.**



8. Other rights, licences or permits related to this permit application (mineral claims, Yukon timber permits, water licences, etc.)  
(use additional information field on last page, if necessary)

**NPC File Number 150806**

**QIA Land use permit application 320545**

**NIRB File Number 25YN027**

Roads <sup>0</sup> ☐ Is this to be a pioneered road? ☐ Has the route been laid out or ground truthed?

9. Proposed disposal methods (use additional information field on last page, if necessary)

a) Garbage

**Any waste will be packed out at the end of each field day.**

b) Sewage (sanitary and grey water)

**No activities requiring sewage infrastructure will be taking place.**

c) Brush and trees

**No brush or tree waste will be generated.**

d) Overburden (organic soils, waste material, etc.)

**Overburden will be returned to its original position if it is disturbed during the sample collection process.**

10. Equipment (includes drills, pumps, etc.) (use additional information field on last page, if necessary)

	Type and number	Size	Proposed use
<input type="checkbox"/> 1			
<input type="checkbox"/> 2			
<input type="checkbox"/> 3			
<input type="checkbox"/> 4			
<input type="checkbox"/> 5			
<input type="checkbox"/> 6			
<input type="checkbox"/> Add row			

11. Fuels	Number of containers	Capacity of containers
<input type="checkbox"/> Diesel		
<input type="checkbox"/> Gasoline		
<input type="checkbox"/> Aviation Fuel		
<input type="checkbox"/> Propane		
<input type="checkbox"/> Other		

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

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

**Fueling activities will only take place at the Iqaluit airport.**

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

**August 10-September 10, 2025.**



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

Start date (YYYYMMDD)

Completion date (YYYYMMDD)

**Two years****2025-08-01****2027-07-31**

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

		Degrees	Minutes	Seconds		Degrees	Minutes	Seconds
Minimum latitude	°	<b>63</b>	<b>45</b>	<b>0</b>	Minimum longitude	°	<b>67</b>	<b>30</b>
								<b>0</b>
Maximum latitude	°	<b>64</b>	<b>45</b>	<b>0</b>	Maximum longitude	°	<b>70</b>	<b>0</b>
								<b>0</b>

Map sheet number

**025O, 025N, 026C, 026B**

17. Applicant (print full name)

**Alia Bigio**

Signature

Date (YYYYMMDD)

**2025-05-23**

18. Fees

**Total**☐ Class A - \$150.00 ☒ Class B - \$150.00**\$150.00**Land use fees: less than or equal to 2 hectares ☐ \$50.00

For each additional hectare over 2 hectares or portion of a hectare ° x \$50.00 =

**Total application and land use fees****\$150.00**

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19. Calculation of area involved (includes access, staging areas, airstrips, campsites, etc.)

Total area (hectares)

Less than or equal to 2 hectares

Total (for fee calculation)

20. Application checklist

☐ a) Application signed and dated☐ e) Screening report☐ b) Fees attached☐ f) Timber permit applied for - Yukon☐ c) Map included☐ g) Fees attached☐ d) Address and telephone number☐ h) Lease applied for

Remarks

Accepted by

Date (YYYYMMDD)

21. Additional Information (attach additional pages if necessary)