Mineral Lands Division
Department of Industry, Energy & Technology
P.O. Box 8700; St. John's, NL A1B 4J6
exploration_approval@gov.nl.ca

APPLICATION FOR EXPLORATION APPROVAL

Activities proposed on this form must be carried out in accordance with the conditions of approval and all applicable policies, regulations and legislation.

Section A: Applicant Information	
What is the name of the individual and / or company who will be conducting the proposed work?	
Address:	Phone number: E-mail address:
Contractor or field level 24 / 7 contact:	Phone number: E-mail address:

Section B: Property Information	
What is the name of the property? NTS Map sheet(s):	
Mineral licence(s): Where a licence is not held by the applicant or is shared with another party, indicate the agreements or permissions in place.	Licence holder:
General summary of mineral exploration activities proposed:	
What is / are the commodity(ies) of interest on the property (e.g., Au, Ni, U, PGE's, Critical Minerals etc.)?	

Section C: Line Cutting ☐

Areas where line cutting is to occur must be indicated on appropriately scaled maps or in vector data.

Start date: End date:

If sub-contractor hired:

Total line km's: _____ Name:

Baseline azimuth: _____ Address:

Cross line spacing: _____ Contact person:

Approx. width of lines: _____ Email address:

Additional comments on line cutting program, such as density and types of vegetation where line cutting is to occur.

Section D: Ground Geophysics ☐

Complete this section only if you plan to conduct a ground geophysical survey that has the potential to impact wildlife or cause ground disturbance. Authorization for other types of ground geophysical surveys should be sought using the "Planned Exploration Work for Prospecting, Geochemical Sampling and/or Ground-Based Geophysical Surveying" form.

Start date: End date:

Type	**Approx. no. of kilometers**	**If sub-contractor hired:**
☐ Seismic survey: _____	_____	Name:
☐ Other: _____	_____	Address:
		Contact person:
		Email address:

Section E: Test Pitting ☐

Please complete this section if you are conducting test pitting for quarry / aggregate materials exploration.

"Test pit" means an excavation that is excavated and backfilled either the same day or without the excavator having departed the test pit site.

Start date: End date:

Method: ☐ Mechanical ☐ Hand dug

Walking an excavator to access test pitting sites requires completion of Section J: Access trails.

No. of test pits: _____

Approximate length of each pit: _____

Approximate width of each pit: _____

Type of digging equipment used:

Pumping and cleaning equipment used:

If sub-contractor hired:

Name:

Address:

Contact person:

Email address:

For pumping water to wash exposed bedrock, you must also complete Section I: Water use and activities within a body of water.

Purpose of test pitting program:

Section F: Trenching and Channel Sampling ☐

"Trench" refers to any excavation made to expose bedrock, soil, or till for mineral exploration purposes. "Channel Sampling" is a technique used to collect small chips of rock over a specified linear interval. This can be done within trenches or on exposed bedrock, which requires no excavation. Please indicate on a map channel sampling locations that do not correspond to trenches. Channel sampling within a trench site that you are approved to excavate does not require any further approval as channel sampling is inherent to trenching activities.

Start date: End date:

Method: ☐ Mechanical ☐ Explosives ☐ Hand trenching

Walking an excavator to access trench sites requires completion of Section K: Access trails.

No. of trenches: _____

Planned length (total): _____

Planned width (average or range): _____

Type of digging equipment to be used:

Pumping and cleaning equipment to be used:

If sub-contractor hired:

Name:

Address:

Contact person:

Email address:

For pumping water to clean exposed bedrock, you must also complete Section L: Water use.

Channel sampling not requiring excavation or trenching:

No. of channel samples: _____

Planned length (total): _____

Section G: Bulk Sampling ☐

Bulk sampling must be undertaken in accordance with applicable legislation and regulations. If bulk sampling is to take place from an exposure that first needs to be excavated, then the excavation site must be approved as a trench.

Start date: End date:

Will explosives be used: ☐ Yes ☐ No

Sample(s) will be taken from: ☐ Surface ☐ Underground ☐ Drill core

For transportation of equipment or bulk sample on an access trail you must also complete Section J: Access trails.

Planned no. of bulk sample sites: _____ Planned total volume (m^3): _____ Expected total weight (kg): _____	**If sub-contractor hired:** Name: Address: Contact person: Email address:

Specific type of machinery to be used:

Type of processing used:

How will sample be stored?

How will sample be transported?

Anticipated volume of waste rock to remain on site:

Please explain how any waste rock produced from the bulk sampling program will be managed:

Section H: Drilling ☐

Start date: End date:

Method	Number of holes:	Contractor:
☐ Diamond drilling:	_____	
☐ Reverse circulation drilling:	_____	Name:
☐ Percussion drilling:	_____	Address:
☐ RAB:	_____	
☐ GT Probe:	_____	Contact person:
☐ Other (Please Specify):	_____	Email address:

Planned number of drill holes (total): _____

Planned program meterage (total): _____

Planned no. of drill rigs: _____

Drilling additives to be used:

Specific type of drill rigs:

For diamond and reverse circulation drilling types you must also complete Section I: Water use and activities within a body of water.

Drill rig transportation method(s):

☐ Track-mounted travel
☐ Skid-mounted travel
☐ Helicopter transported
☐ Barge
☐ Ice drilling
☐ ATV mounted

For drill rig transportation by ground travel, you must also complete Section K: Access trails.

How will waterborne drill cuttings and drilling additives be controlled to ensure they do not enter a body of water or watercourse? (Select all that apply)

☐ Sediment retention ponds (i.e., sumps)
☐ Pumping discharge waters onto forested or otherwise well-vegetated ground
☐ Settling tanks to collect drill cuttings
☐ Use of sediment fences

If sediment retention ponds will be used, please provide the approximate dimensions (length, width and depth) and number that will be required to complete the proposed exploration program:

If another type of drill cutting containment measure will be to collect drill cuttings, please provide details:

Section I: Water Use and Activities Within a Body of Water ☐

All planned water withdrawal sites must be indicated on an appropriately scaled map or in vector data.

Water withdrawal from a waterbody will be required for the following purposes:

- ☐ To supply one or more drill rigs
- ☐ For washing one or more trenches
- ☐ To supply a base camp

Distance of pump(s) from waterbody(s): _____

Do you currently have a valid WUL for the base camp? ☐ Yes ☐ No

If yes, provide the permit number and expiry date: _____

Will any activities take place within a water body? ☐ Yes ☐ No
(example: drilling on ice or barge)

All locations where activities are planned to take place within or on a waterbody must be indicated on an appropriately scaled map or in vector data.

Activities within or on a water body or wetland may require a permit issued by the Water Resources Management Division.

Will any waterbodies need to be crossed by machinery or vehicles? ☐ Yes ☐ No

All planned water crossings must be indicated on an appropriately scaled map or in vector data.

Crossing of a waterbody (including a stream) depicted on the 1:50,000 scale NTS map requires a permit issued by the Water Resources Management Division.

Section J: Access Trails ☐

Ground vehicle access in support of mineral exploration activities that is not confined to paved, gravel, or "dirt" roads must be confined to access trails, whether newly established or pre-existing. All access trails that will be used for mineral exploration activities must be approved on a recurring basis through the exploration approval process, irrespective of whether the trails are to be newly established or are pre-existing.

All pre-existing and proposed new access trails that will be used by the exploration program must be depicted on appropriately scaled mapping or in vector data. The mapping / data must differentiate between those trails that are pre-existing and those that are proposed to be newly established.

Describe the ground vehicle access proposed for the access trails that will be used in support of mineral exploration activities (e.g., vehicle types to be used, frequency of traffic):

Will pre-existing access trails be used: ☐ Yes ☐ No

If yes, describe the condition of pre-existing access trails and indicate whether preparation will be required to improve trail conditions to support use.

Will new access trails be prepared: ☐ Yes ☐ No

If yes, indicate the biophysical environments that the new access trail(s) will pass through and the anticipated methods of preparation that may be necessary:

Section K: Airborne Survey ☐

Start date: End date:

Aircraft type: ☐ Fixed wing ☐ Helicopter ☐ Drone (UAV)

Total line km's: _____

Baseline azimuth: _____

Cross line spacing: _____

Planned altitude – Aircraft _____

Planned altitude – Sensor _____

If sub-contractor hired:

Name:

Address:

Contact:

Phone number:

E-mail address:

Before an airborne survey can be conducted, consent is required from any third party mineral license holder and documentation of consent must be provided to the Exploration Approvals Geologist along with the Application for Exploration Approval. All airborne work is subject to a referral process, even if on Crown Land.

Consent is not required to collect incidental data as long as the contractor conducting the geophysical survey does not provide the data to another party, including the client. Any data supplied to the client must be clipped by the contractor to exclude the incidental data. If the contractor is providing the incidental data to the client or a third party, then consent must be obtained in all cases.

Will there be data collection over third-party mineral licences?

Yes ☐ No ☐

How will data collection over third party mineral licences be handled?

Consent from licence holder*?	Yes	☐	No	☐
Contractor clip incidental data?	Yes	☐	No	☐

*Consent from licence holders must be attached if there will be data collection over third-party licences.

Section L: Fuel Storage ☐

Fuel and oil storage and handling must be carried out in accordance with terms and conditions of approval, applicable legislation and regulations, which may include **Mineral Exploration Standards Regulations** under the **Labrador Inuit Land Claims Agreement Act**.

Will the exploration program require the storage of fuel in the field? ☐ Yes ☐ No

What aspects of the program will require use of fuel stored in the field:

How will fuel be transported to the storage site(s) and to sites where vehicles or equipment will be refueled:

For each storage site, indicate the type(s) of fuel to be stored, the containers to be used and their capacity, and the number of containers to be stored:

The location of fuel storage site(s) must be indicated on an appropriately scaled map or in vector data.

For drum-based products, storage of **5** or more drums requires a fuel cache permit issued by Service NL.

Do you currently have a valid **Fuel Cache Permit** for the property that gives authorization for all fuel storage locations where **5** or more drums will be stored?

☐ Yes for all locations

☐ Yes for some locations.

If yes, provide the file number:

For stationary fuel tanks, provide registration number:

Date fuel tank(s) to be positioned:

Method of transporting fuel to resupply the tank(s):

Supplier of fuel:

How, when and to where will stationary fuel tanks be removed?

Section M: Camp or Laydown Area (excludes private or community accommodations) ☐

Camp sites must be prepared in accordance with the conditions of approval and applicable legislation and regulations.

Type of camp(s) that will be used to support exploration work:

☐ Fly camp (occupation < 90 days and no ground disturbance)

☐ Laydown area (occupation < 90 days and no ground disturbance)

☐ Base camp (occupation > 90 days and / or ground disturbance)

☐ Laydown area (occupation > 90 days and / or ground disturbance)

A base camp or a laydown area (occupation > 90 days and / or ground disturbance) requires a Licence to Occupy (LTO) issued by the Crown Lands Division of the Lands Branch.

Note that occupation refers not just to the presence of people but also to the presence of structures, equipment, vehicles, or supplies.

Do you currently have a valid Licence To Occupy for a base camp, or laydown area, that will support exploration work on this property?

☐ Yes ☐ No

If yes, provide the file number: _____

The camp will be (or is, if an existing base camp) comprised of the following structures:

Structure type	**Number**
plywood building	_____
quonset-style tent	_____
prospector tent or traditional tent	_____
plywood platform	_____
trailer	_____
core rack	_____
septic system	_____
other:	_____

Indicate the expected peak number of camp occupants: _____

For a base camp or laydown area, describe the ground disturbance (if any) that will be involved in preparing the camp site:

_____

Section N: Requirements Checklist

Complete and accurate information is important to avoid delays in processing your application.

Please review and confirm the following:

- ☐ All applicable sections of this form have been completed.
- ☐ Registered agreements are in place for all mineral licences that are not held by the applicant.
- ☐ Vector data compatible with ArcGIS (e.g., ESRI shape files (preferred), Google Earth kmz files)
- ☐ Appropriately scaled mapping
- ☐ For point locations, UTM coordinates provided in a spreadsheet with datum indicated (e.g., NAD 83)
- ☐ The locations of all of the following (as applicable) are identified in an acceptable format:
    - Cut lines
    - Drill sites or drilling areas
    - Trench and test pitting sites or trenching and testing pitting areas
    - Bulk sampling sites
    - Access trails, both pre-existing and planned new
    - Water withdrawal sites
    - Fuel storage sites
    - Camp sites
    - Laydown areas
    - Channel sampling sites (if not within a trench)

Note that mineral exploration activities proposed on this form may only be carried out once an Exploration Approval is issued. Once an Exploration Approval is issued, the approval holder and any employee or contractor working for them must conduct their activities in compliance with the conditions of the exploration approval, as well as in compliance with the **Mineral Act**, the **Mineral Regulations** and other applicable legislation and regulations.

☐ I hereby certify that I have reviewed the completed Application for Mineral Exploration Approval and that the information contained within is true and accurate to the best of my information, knowledge and belief.

Name: _____ Title / Position: _____ Date: _____

Under the authority of the **Access to Information and Protection of Privacy Act**, 2015 (**ATIPPA**, 2015), personal information is collected in order to process, manage and issue the programs or services of the Department of Industry, Energy and Technology. Personal information is kept confidential as required by **ATIPPA**, 2015, but may be released under request in accordance with **ATIPPA**, 2015. If you have questions pertaining to the collection, use and / or disclosure of this information please contact the ATIPP Coordinator at 729-0463.