

This application encompasses the required information to assess your project. Any other submission containing the necessary details is acceptable.

APPLICATION NUMBERS LQ _____	DATE RECEIVED BY MLU:	DATE ACCEPTED AS TECHNICALLY COMPLETE:
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Name of Applicant: _____

Field Address: _____ Phone: _____ Fax: _____

Permanent Address: _____ Phone: _____ Fax: _____

Alternate contact number: _____ E-mail address: _____

To Whom Should the Approval be Issued? _____

Address and Contact Number, if different than above: _____

Length of Approval being applied for: _____

PART A: LOCATION OF OPERATION

REQUIREMENT: Attach map(s) of the area to your application (NTS 1:50,000) including: 1) the location and extent of the program, including all locations or areas where proposed activities will take place within 30 meters of a water body or water course; 2) lands in the area that are known to be subject to the rights or interests of other parties; and, 3) existing and proposed access routes. Attached maps should be no greater than 8.5 X 11 inches (standard letter sized paper). Do not tape map portions together. Maps areas may be enlarged (by photocopy) for clarity but not reduced.

NTS Map Number(s) (1:50,000 scale): _____ or UTM Map Number(s): _____

Coordinates of Area: circle one > NTS (° / ' / ") or UTM system Quadrant: _____

Range of Latitude: most northerly point: _____ to most southerly point: _____

Range of Longitude: most westerly point: _____ to most easterly point: _____

Property Name: _____ Nearest Community: _____

Claim Name	Claim Number	Grant Number	Claim Name	Claim Number	Grant Number
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

(Attach additional page for other claims where necessary)

Registered Owner of Claims: _____

Mining Lands may decide not to include in a permit all the claims which are listed on this page. It is important to review your Mining Land Use Approval and relevant reason(s) for this decision.

Note: A written copy of any claim or access agreements with third parties must be included with the application.

Attach additional page(s) if necessary.

Access to Information and Protection of Privacy Act

The personal information requested on this form is collected under the authority of and used for the purpose of administering the *Quartz Mining Act*. Questions about the collection and use of this information can be directed to the Mining Records Office, Mineral Resources, Department of Energy, Mines and Resources, Yukon Government, Box 2703, Whitehorse, Yukon Territory, Y1A 2C6 (867) 667-3190

DURATION OF OPERATION and LENGTH OF SEASONS

Annual start date: day: _____ month: _____

Annual end date: day: _____ month: _____

If annual start/end dates change, the operator shall give written notice to the district Mining Inspector at least 14 days prior to commencement of approved exploration activities for the year(s) in question.

PART B: DESCRIPTION OF OPERATION WORKPLAN

Outline a step by step chronological plan indicating all activities that are planned and approximate dates of all work to be done, including final site decommissioning activities. Be as specific as possible.

ACTIVITY	YEAR
1. _____	_____
2. _____	_____
3. _____	_____
4. _____	_____
5. _____	_____
6. _____	_____
7. _____	_____
8. _____	_____
9. _____	_____
10. _____	_____
11. _____	_____
12. _____	_____
13. _____	_____
14. _____	_____
15. _____	_____
16. _____	_____
17. _____	_____
18. _____	_____
19. _____	_____
20. _____	_____
21. _____	_____
22. _____	_____
23. _____	_____
24. _____	_____
25. _____	_____

PART C: DESCRIPTION OF AREA

Photographs Supplied? yes _____ no _____ If yes, how many? _____

All photos must be dated. Number photos and attach description of features and areas where activities are proposed. Map or sketches should indicate direction of photo and area of view in photo.

Natural features/hazards Check (√) all KNOWN features. The following list may not be complete. Any information you can provide about the natural area will help with the assessment process.

Soil Conditions:	Vegetation	Fish and Wildlife Habitat
prone to erosion _____	non vegetated slopes _____	wetlands _____
high ice content _____	sparse vegetation cove _____	staging area _____
coarse-grained _____	willow _____	calving grounds _____
fine-grained _____	moss _____	presence of fish _____
wet, poorly drained _____	snags _____	evidence of large mammals _____
thin soil layer _____	grass/brush _____	raptor nests _____
thick soil layer _____	marshland _____	mineral licks _____
	pine/spruce forest _____	sheep winter ranges _____
	birch/aspen/poplar _____	

Other wildlife evidence (describe and list species if known): _____

Other (describe): _____

GEOLOGY OF THE AREA

Describe the regional geology of the area, including any mineralization type.

Given this geology, what minerals will you be encountering _____

Specifically will uranium be encountered? Yes: _____ No: _____
(Note: There may be additional legislation affecting your program when exploring for uranium.)

EXISTING DEVELOPMENT IN THE AREA

(on claims and within 1 km of proposed project site)

The following list may not be complete. Any information you provide about the natural area assists the assessment process.
NOTE: MARK THE LOCATION OF ALL KNOWN DEVELOPMENTS ON 1:50,000 MAP

Check (√) all KNOWN developments listed below:

Evidence of Mineral Exploration work: active _____ non-active/abandoned _____ Placer _____ Hard Rock _____

Mine Developments and Production: active _____ non-active/abandoned _____ Placer _____ Hard Rock _____

Existing Roads: Primary (paved) _____ Secondary (gravel/mud) _____

Existing Trails: ATV / snowmobile access _____ heavy equipment access _____

Stream Crossings: Bridge(s) _____ Culvert(s) _____

Air Access: Airstrip (paved) _____ Airstrip (unpaved) _____ Helicopter Pad _____

Water Access: Motorized Boat Access _____ Float Plane Access _____

Forest harvesting: active _____ non-active/abandoned _____ Quarrying: active _____ non-active/abandoned _____

Resource harvesting: Trapping _____ Fishing/hunting lodge _____ Fishing/hunting camp _____

Archaeological Sites: _____ Burial Grounds: _____

Agricultural Activity (specify): _____

Oil and Gas exploration/extraction: _____ Gravel extraction/Quarrying: _____

Power/Communications: Hydroelectric Development _____ Transmission lines _____ Communications towers _____

Recreational use: Campground _____ Commercial Rafting/Boating _____

Other recreation use (specify): _____

Land Occupation: Community/settlement structures (specify): _____

Permanent structures (specify): _____

Distance in meters of proposed mining activities from existing dwelling place(s): _____

Describe all known waste materials in the area (hazardous waste, equipment and debris from previous mining or other activities):

Describe other known activities in the area (include any activities that could have a cumulative effect on the environment, such as other exploration, placer mining, other industrial or recreational uses of the area):

PART D: DESCRIPTION OF PROJECT ACTIVITIES

USE OF VEHICLES/EQUIPMENT

List all equipment to be used on claims (type, size(Gross Vehicle Weight), purpose, number of each). Explain how each will be brought in to site (i.e. trail, new road, existing road, air, water, etc).

EXISTING ACCESS ROUTES

** Mark all access points and routes on map

NOTE: Access across land that is outside of claim block may require a Land Use Permit from the Yukon government's Department of Energy, Mines and Resources, Land Use section or consent from the appropriate First Nation where crossing settlement land. Any stream crossings must be done in accordance with the *Fisheries Act* and the *Waters Act*.

Will existing roads and trails be used? No ___ Yes ___ on-claim ___ off-claim ___

If yes, when (approximate dates): _____

Length of route: _____(km)

Upgrade existing roads? No ___ Yes ___ on-claims ___ off-claims___ If yes, length ___km width: ___ m

Describe upgrading work that will be done and when (approximate dates) it will be done: _____

When will existing road be used? start date:_____ end date:_____

Mark all locations on map where access is within 30 meters of water bodies or water courses.

NEW ACCESS ROUTES

Will vehicles be used off road or off trail? No ___ Yes ___ on-claims___ off-claims___ If yes, when (give approximate dates):_____

Length of route: _____(km)

Develop new trails? No: ___ Yes: ___ on-claims: ___ off claims:___ length: ___km width: ___m

Develop new access roads? No: ___ Yes : ___ on-claims ___ off-claims ___ If yes, length: ___km width: ___ m

Describe work that will be done to develop any of the above access roads or trails: _____

OTHER NEW ACCESS

Winter road (packed snow fill) ___ Ice Bridge River Crossing ___ New Helicopter Pad ___ area ___ m³

Develop new airstrip? No: ___ Yes: ___ on-claims: ___ off claims: ___ length: ___km width: ___m

Describe work that will be done to develop any of the above: _____

Water Access? River/Lake: name _____ Describe any modifications to bed or banks of water bodies for air or watercraft landing/loading: _____

PROXIMITY TO WATER BODIES OR WATERCOURSES

Will any access routes be within 30 meters of water bodies or water courses? yes ___ no ___ If yes, which ones (i.e. type of access) and where? _____

RECLAMATION OF NEW ACCESS ROUTES AND TRAILS

How will access routes be reclaimed? Explain work to be done including deactivation and final decommissioning of the route.

LINE CUTTING/CORRIDORS

Will cut lines/corridors be made? no _____ yes _____ If yes, indicate width of lines: _____m length: _____m over length of project

MITIGATION of LINE CUTTING/CORRIDORS

How will erosion be prevented and revegetation occur on cut lines and corridors? _____

EXPLORATION & SITE PREPARATION

REQUIREMENT: Indicate locations on map and/or sketches

CLEARINGS: Number of clearings per claim, including existing clearings: _____

Surface area of each clearing where vegetative mat will be removed: _____

Surface area of each clearing where trees and brush only will be removed: _____

Will clearings be conducted within 30 meters of water bodies or water courses? yes _____ no _____

TIMBER USE: Will timber be cut? no _____ yes _____ If yes, what will happen to cut logs: stockpiled _____

used for mining activities/structures _____ limbed/bucked and dispersed _____ spread over access routes _____ burned _____

Are you stockpiling or preparing for a burn by mechanical means? _____ Will you be burning between April 1 and Sept. 30? _____

EXPLORATION DRILLING

REQUIREMENT: Indicate locations on map and/or sketches.

Drill type: Reverse circulation _____ Diamond drill _____ Rotary _____ Other (specify _____)

Number of holes: _____

Total length (m): _____

What drill products will be used? (I.e. Petroleum/synthetic-based, quantity): _____

Describe sump locations and design: _____

Will drilling be conducted within 30 meters of water bodies or courses? _____ yes _____ no If yes, indicate their location(s) and distances from water bodies/courses on sketch and/or map.

EXPLORATION TRENCHING

REQUIREMENT: Indicate locations on map and/or sketches

Number of trenches to be cut: _____ Average size: length _____m X width _____m X depth _____m = _____ m³

Total volume of trenching (number of trenches X average size) : _____ m³

How will trenches be cut: By hand / hand-held tools _____ Mechanized equipment _____

Will trenching be conducted within 30 meters of water bodies or courses? yes _____ no _____

EXPLOSIVES

Will explosives be used? no _____ yes _____ If yes, indicate:

Type: _____ Total Amount (kg) _____ Maximum amount to be used in 30 days (kg) _____

Will explosives be used within 30 meters of water bodies or courses? no _____ yes _____

Consult YTG Mine Safety to obtain a Blasting Certificate.

6 **Attach additional page(s) if necessary.**

MITIGATION of EXPLORATION & SITE PREPARATION

What measures will be taken to ensure stabilization, erosion control & revegetation of all areas disturbed by any activities

for ongoing reclamation? _____

BULK SAMPLING

Bulk samples can be drill core, contents of a trench, test pit or underground working.

Describe handling and on-site processing methods including any use of reagents: _____

Where and how will bulk sample be stored on site? _____

How will sample be removed from site? _____

Will a portion of the bulk sample be left on site? Yes _____ No _____ If yes, how long? _____

Complete the following:

Activity	Tonnes	Disturbed Area(ha) 1ha = 10 000 m2	Year:	Year:	Year:	Year:	Year:
Bulk Sample							
Overburden Waste dumps							
Totals							

PREVENTING METAL LEACHING AND ACID ROCK DRAINAGE

Describe the potential of all disturbed units for acid rock drainage and metal leaching. If a potential exists how will it be prevented, minimized, mitigated and monitored?

UNDERGROUND STRUCTURES

Will underground structures be constructed? no _____ yes _____

If yes, how much material will be moved to the surface? Each year: _____ Over total life of operation: _____

Mark the location(s) of all excavation sites and overburden/waste dumps on map. Indicate distance from streams, wetlands and lakes.

PART E: CAMP FACILITIES AND MAINTENANCE

STRUCTURES/FACILITIES

New facilities (specify): _____

Use of existing facilities (specify): _____

frame/log structure _____ trailer(s) _____ tent/tent frame _____ camp facilities not required _____

Will camps or facilities be located within 30 meters of water bodies or structures? no _____ yes _____

CAMP SIZE

Number of camps: _____ Max number of persons in camp at a time: _____ Number of person-days/camp(persons x days): _____

SEASONAL CAMP CLOSURE

Describe work that will be done at the end of each year to secure camp facilities: _____

PART F: WASTE MANAGEMENT

CAMP WASTE

How will kitchen waste be managed and disposed of? _____

Will waste be deposited within 30 meters of water bodies/courses? yes _____ no _____

How will human waste be managed and disposed of? privy/outhouse _____ portable toilet(s) _____ septic tank _____

sewage holding tank _____ other(describe) _____

Note: Complete Environmental Health form at end of application.

Describe disposal methods for non-hazardous waste (scrap metal, parts, barrels, etc)

Will waste material be disposed of within 30 meters of water bodies or courses? yes _____ no _____

SOLID WASTE DISPOSAL (LANDFILL) FACILITY

If known, what is the volume of solid waste collected at this site (tonnes or m³ per week, month or year) _____

Describe, to the extent known, the types of wastes that will be handled or disposed of at this site _____

Identify the type(s) of security/wildlife control measures that are in place at this site Fence _____ Electrified fence _____

Signs (describe) _____ Attended Gate _____ Contingency (emergency) plan _____

Other _____

8 **Attach additional page(s) if necessary.**

WASTE PETROLEUM PRODUCTS

Describe procedures and location for storage, removal and disposal of waste petroleum products (oil, lubricants, contaminated fuel and other special industrial wastes)

Note: All fuel spills must be immediately contained, cleaned up and reported to an inspector. Hazardous material must be labeled and stored in accordance with Workplace Hazardous Materials Information System (WHMIS). Consult YTG Occupational Health and Safety Branch and [Special Waste Regulations](#) for more information.

PART G: FUEL STORAGE AND HANDLING

All tanks with capacity of 4000 l. must be registered with Mining Lands

FUEL/PETROLEUM PRODUCTS

What fuel/petroleum products will be used? _____

TRANSPORT OF FUEL

Describe method(s) of transport of fuel and other petroleum products and containers to be used for transport: _____

FUEL STORAGE

Type of Fuel	Fuel storage tank (Type, capacity and age)	Quantity (litres)	Registration Number of tank	Distance to (in meters), and name of nearest water body or water course
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

NOTE: MARK LOCATION(S) OF FUEL STORAGE SITES ON MAP.

Will there be a secondary containment facility for any of the storage tanks? no ____ yes ____ If yes, which tanks (size) and how will the facility be constructed (berms, linings/materials, size of facility, proximity to water): _____

Where and how will refueling take place? _____

Please provide a comprehensive fuel spill plan with your application, which must be posted on site before any work can begin

PART H: FINAL SITE DECOMMISSIONING

FINAL RECLAMATION MEASURES

Describe, in detail, site rehabilitation measures that will be taken for final abandonment of operation. Provide sketches where necessary.

What work will be done to ensure slope stability and erosion control?

Are there areas where a 1:2 slope cannot be achieved? no ____ yes ____ If yes, describe these areas and explain alternative measures to achieve stability: _____

How will site be prepared for re-vegetation? _____

REMOVAL OF CAMP STRUCTURES

Provide details as to how and when camp site structures will be dismantled and removed: _____

FUEL AND WASTE MANAGEMENT

What will be done with remaining fuel, tanks, storage area, berm(s), other industrial supplies, etc? Outline methods of storing/handling/processing/recycling and disposal of any waste fuel over 5 litres. _____

What will be done with other waste materials? e.g. metal, machinery, sewage disposal, household items, etc? Be specific.

PART I: CONSULTATION

Have you discussed the proposed operation with any individuals or organizations that may be affected by the project? If so, indicate who and what input you have received (i.e. any concerns you are aware of, support for the project, interest in participation, other input?)

I verify that all of the information contained in this application is true.

Name of Applicant/Operator

Signature of Applicant/Operator

Date

Environmental Health

This page of your application will be forwarded to Environmental Health Services, Yukon Government, for their records. For information on the law and standards relating to sewage and garbage disposal in the Yukon, or advice on drinking water and/or food safety, please contact:

Environmental Health Services
#2 Hospital Road
Whitehorse, Yukon Y1A 3H8

Phone: (867)667-8391
Fax: (867)667-8322
e-mail: environmental.health@gov.yk.ca

Drinking Water Source _____
(creek, river, lake, well, delivered) - **describe**

Number of persons using camp facilities _____

Are catered meals provided? YES NO

Type of Sewage disposal system: (check)

- Pit Privy or Privies: year installed _____
- Septic Tank(s): year installed _____ liquid capacity _____ gal litres
- Sewage Holding Tank(s): year installed _____ liquid capacity _____ gal litres
- Other: year installed _____ describe: _____

I, _____ **undertake** to comply with the territorial law as it relates to sewage/solid waste disposal, food service, water supply and camp operations; to exercise due diligence in the operation of any catered meal service so as to protect the wholesomeness of the food and prevent the occurrence of food borne illness; and to inspect and monitor the sewage and solid waste disposal facilities; and to inspect and monitor the sewage disposal system periodically for integrity and operation; maintain and utilize the system so as to protect the environment and human health; where the system includes a septic tank, de-sludge the tank at appropriate intervals to ensure that the sludge depth does not rise about one third of the liquid depth of the tank (usually recommended as every two years); where the system involves a ground absorption system, maintain and improve the system as necessary so as to effectively receive and adequately treat all sewage effluent emanating from the units served; and protect the system from vehicular traffic. Additionally, I hereby agree that a health officer may carry out such inspection/investigation of the property as deemed necessary in the interest of public health and safety.

Signed _____

Date _____

Name (please print) _____

Phone: _____

Mailing Address _____

Postal Code: _____