



APPLICATION FOR CLASS 3/4 QUARTZ MINING LAND USE APPROVAL

New permit

Amendment to existing permit

Current or previous approval number (if applicable): LQ

Name of applicant	Yukon Corporate Registry number (if applicable)	
Address	Phone	Fax
Email	Alternate contact number	
To whom should the approval be issued?	Length of approval being applied for (10 year max)	
Address and contact number (if different than above)		
Name of agent	Phone	Fax
An Agent Authorization Form is required if an agent is applying on behalf of a claimholder/operator.		
Registered owner of claims		
A Claim Holder Authorization Form is required if the claimholder is not the operator or if there are multiple claimholders.		

DEFINITIONS

Access road means a road that provides access to a public highway or to a private road;

Clearing means an area that is cleared of trees, brush or vegetative mat for the purpose of establishing a campsite or carrying out mining exploration, but does not include an area cleared for the purpose of establishing a corridor or trail;

Corridor means a path from which trees and brush have been cut to accommodate a water line, fuel line or power line;

Exploration program means any activity or group of activities undertaken for the sole or principal purpose of assessing land for its suitability for the production of minerals;

Foundation means the part of a structure that penetrates the ground and supports the structure;

Line means a line cut for the purpose of carrying out a geophysical, geological, or engineering survey;

Low ground pressure vehicle means a vehicle that applies 35 kPa of pressure or less to the ground surface;

Person-day in respect of the use of a campsite, means the use of the campsite by one person during a period of 24 hours;

Road means a pathway for vehicular traffic the construction of which requires the movement of rock or earth;

Summer means the period of a year that is not winter;

Trail means an access to a site within a claim or lease that is constructed with little or no movement of rock or earth; and

Trenching means excavation carried out on a mineral claim for the purpose of obtaining geological information;

Upgrading, in relation to a road, means re-establishing a road that has not been useable for more than five years by vehicles of a type the road was originally designed to serve, modifying a road to provide usability for vehicles that are of a different type than those for which the road was originally designed to serve and any other upgrading or modifying of a road, other than for maintenance or erosion control;

Vegetative mat means the organic surface of soil, characterized by the accumulation of organic matter, or partly decomposed organic matter, derived mainly from leaves, twigs, and woody materials, and includes the root mass of living vegetation;

Winter means the period of the year during which (a) the ground is frozen sufficiently to support a vehicle, other than a low ground pressure vehicle, without rutting or gouging of the surface; and (b) there is a sufficient amount of snow on the ground to produce a packed base of 10 cm.

Access to Information and Protection of Privacy Act: I/we acknowledge that the information contained in or attached to this application is being collected under the authority of the Quartz Mining Act sections 3 and 5, and the Access to Information and Protection of Privacy Act section 29(c) and is to be used for the purpose of reviewing applications. The application may be made available to the public as part of a review process per the Quartz Mining Land Use Regulation. For further information, contact the Department of Energy, Mines and Resources, Mining Lands Office at 867-667-3190 or toll free at 1-800-661-0408 ext. 3190.

PART A: LOCATION OF OPERATION

Requirement: Attach map(s) of the area to your application (NTS 1:50,000) indicating: 1) the location and extent of the program, including all locations or areas where proposed activities will take place; 2) existing and proposed access routes; 3) existing environmental disturbance; and, 4) lands in the area that are known to be subject to the rights or interests of other parties.

NTS map number(s) (1:50,000 scale): _____

Property name: _____

List the claims below or attach a claim status report:

PART B: DESCRIPTION OF OPERATION WORKPLAN

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

Duration of operation and length of seasons

Annual start date: day: _____ month: _____ Annual end date: day: _____ month: _____

Activity	Month/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.

Wildlife, vegetation and physiography

Wildlife – describe and list species typical of the project area, include wildlife key areas or other site-specific habitat features if known:

Vegetation – describe the type of vegetation of the project area:

Physiography – describe the physiography of the project area (topography, elevation, presence of permafrost, etc.):

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 will be additional legislation affecting your program when exploring for uranium.*

Attach additional pages as required.

Existing development in the area

If present, describe the current extent of disturbance on claim (indicate origin):

Describe other known activities in the area such as other exploration, placer mining, industrial or recreational uses of the area:

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

Does your project overlap with First Nation Settlement Land? Yes No

If yes, provide parcel number(s) _____

Check all known developments listed below (on claims and within 1 km of proposed project site):

Evidence of mineral exploration work	<input type="checkbox"/> Active	<input type="checkbox"/> Non-active/abandoned	<input type="checkbox"/> Placer	<input type="checkbox"/> Hard rock
Mine developments and production	<input type="checkbox"/> Active	<input type="checkbox"/> Non-active/abandoned	<input type="checkbox"/> Placer	<input type="checkbox"/> Hard rock
Existing roads	<input type="checkbox"/> Primary (paved)	<input type="checkbox"/> Secondary (gravel/mud)		
Existing trails	<input type="checkbox"/> Off-road vehicle access	<input type="checkbox"/> Heavy equipment access		
Stream crossings	<input type="checkbox"/> Bridge(s)	<input type="checkbox"/> Culvert(s)	<input type="checkbox"/> Ford(s)	
Water access	<input type="checkbox"/> Motorized boat access	<input type="checkbox"/> Float plane access		
Air access	<input type="checkbox"/> Airstrip (paved)	<input type="checkbox"/> Airstrip (unpaved)	<input type="checkbox"/> Helicopter pad	
Forest harvesting	<input type="checkbox"/> Active	<input type="checkbox"/> Non-active/abandoned		
Agricultural activity	<input type="checkbox"/> Specify:			
Oil and gas exploration/extraction	<input type="checkbox"/> Active	<input type="checkbox"/> Non-active/abandoned		
Gravel extraction/quarrying	<input type="checkbox"/> Active	<input type="checkbox"/> Non-active/abandoned		
Power/communications	<input type="checkbox"/> Hydroelectric devlpmt	<input type="checkbox"/> Transmission lines	<input type="checkbox"/> Communications towers	

Resource harvesting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing/hunting lodge	<input type="checkbox"/> Fishing/hunting camp
Archaeological sites	<input type="checkbox"/> Burial grounds	<input type="checkbox"/> Other – specify:	
Recreational use	<input type="checkbox"/> Campground	<input type="checkbox"/> Commercial rafting/boating	
Other recreation use	<input type="checkbox"/> Specify:		
Land occupation (community/ settlement structures)	<input type="checkbox"/> Specify:		
Permanent structures	<input type="checkbox"/> Specify:		

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

PART D: DESCRIPTION OF PROJECT ACTIVITIES

Use of vehicles/equipment

List all equipment to be used on claims including type, size (gross vehicle weight), purpose, and 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

Requirement: Mark all existing roads and trails on a map. Indicate roads and trails separately.

Note: Access across land that is outside of the claim block may require a Land Use Permit from the Government of Yukon’s Department of Energy, Mines and Resources, Land Management Branch and/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? Yes No

On-claim Length of existing route: Roads _____ km Trails _____ km

Off-claim Length of existing route: Roads _____ km Trails _____ km

Will existing roads be upgraded? Yes No

On-claim Length _____ km Width _____ m

Off-claim Length _____ km Width _____ m

Describe upgrading work that will be completed and provide approximate dates:

New access routes

Requirement: Mark all proposed access roads and trails on a map. Indicate roads and trails separately.

Note: An Access Management Plan may be required.

Will new access roads be developed? Yes No

On-claim Length _____ km Width _____ m

Off-claim Length _____ km Width _____ m

Will new trails be developed? Yes No

On-claim Length _____ km Width _____ m

Off-claim Length _____ km Width _____ m

Will temporary trails be used and/or developed? Yes No

On-claim Length _____ km Width _____ m

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

Will vehicles be used off road or off trail? Yes No If yes, when? Winter Summer

On-claim Off-claim Length of route: _____ km

Other new access

Requirement: Mark all other access developments on a map.

Winter road (10 cm packed snow fill) _____ km

Ice bridge river crossing

New helicopter pad: area: _____ m² Total number of helicopter pads: _____

Develop new airstrip? Yes No

On-claim Off-claim 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 metres of water bodies or watercourses? Yes No

If yes, which ones (i.e. type of access) and where? Indicate on a map.

Attach additional pages as required.

Line cutting/corridors

Will cut lines be made? Yes No
If yes, indicate: Hand-held tools Mechanized Total length _____ m Width _____ m

Will corridors be made? Yes No
If yes, indicate: Hand-held tools Mechanized Total length _____ m Width _____ m

Purpose of corridor? Water line Fuel line Power line

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

Exploration and site preparation

Requirement: Indicate exploration targets and activities on a map and/or sketch.

Clearings

Number of new clearings per claim: _____ Total number of new clearings: _____

Surface area of each clearing where vegetative mat will be removed: _____ m²

Surface area of each clearing where trees and brush only will be removed: _____ m²

Total area of clearings: vegetative mat removed: _____ m² Vegetative mat intact: _____ m²

Will clearings be conducted within 30 meters of water bodies or watercourses? Yes No

Describe clearings (purpose, number, size, vegetative mat removal, etc.):

Timber use

Will timber be cut? Yes No

If yes, what will happen to cut logs:
 Stockpiled Burned Used for mining activities/structures Limbed/bucked and dispersed
 Spread over access routes Other (specify) _____

Are you stockpiling or preparing for a burn by mechanical means? Yes No

Will you be burning between April 1 and September 30? Yes No

Exploration drilling

Requirement: Indicate locations on a map and/or sketch.

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

Number of holes: _____

Total length (m): _____

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?

When and how will samples 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 m ²	Year 1 _____	Year 2 _____	Year 3 _____	Year 4 _____	Year 5 _____
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 (additional information will be required)

Will underground structures be constructed? Yes No

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.

Attach additional pages as required.

PART E: CAMP FACILITIES AND MAINTENANCE

Requirement: Indicate location of camp(s) on a map.

Structures/facilities

Will you require a camp? Yes No

Will the site require clearing? Yes No Total area: _____ m²

Will camps or facilities be located within 30 metres of water bodies or water courses or structures? Yes No

New facilities: Frame/log structure Trailer(s) Tent/tent frame Other (specify): _____

Describe camp, location and site preparation:

Existing facilities: Frame/log structure Trailer(s) Tent/tent frame Other (specify): _____

Describe existing facilities including location: _____

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 AND ATTRACTANT MANAGEMENT

Storage and disposal

How will camp and kitchen waste and greywater be managed and disposed of?

How will human waste be managed and disposed of?

Privy/outhouse Portable toilet(s) Septic tank Sewage holding tank

Other (describe) _____

Will you be burning waste? Yes No

If yes, describe method: _____

Will waste material be deposited and/or disposed of within 30 metres of water bodies or watercourses? Yes No

Note: complete your Environmental Health Services Work Camp Assessment Form

Wildlife deterrence

Note: A Wildlife Attractant Management Plan may be required.

Describe, in detail, waste/attractant management measures that will be used to reduce wildlife conflicts (e.g. electric fencing, bear-proof containers, etc.):

Describe, in detail, personal protective devices that will be made available on site (e.g. bear spray, bangers, firearms, etc.):

Describe, in detail, administrative controls that will be used to reduce wildlife conflicts (e.g. attractant management plan, training/education, etc.):

Waste petroleum products

Describe procedures and location for storage, removal and disposal of waste petroleum products (e.g. 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.

Solid waste disposal facility (landfill)

Will your program include a solid waste disposal facility (landfill)? Yes No

If yes, what is the anticipated volume of solid waste to be 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:

PART G: FUEL STORAGE AND HANDLING

Note: All tanks with capacity of 4000 L or greater must be registered with the district Mining Lands office.

Fuel storage

Type of fuel	Fuel storage tank			Quantity (L)	Tank registration number	Nearest water body/course	
	Type	Capacity	Age			Name	Distance (m)

Requirement: Mark location(s) of fuel storage site(s) on map

Will there be a secondary containment facility for any of the storage tanks? Yes No

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?

Transport of fuel

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

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

PART H: RECLAMATION AND FINAL SITE DECOMMISSIONING

Progressive reclamation measures

Describe, in detail, progressive and final reclamation measures that will be taken over the course of the project:

How will the site be prepared for revegetation?

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

Are there areas where a 1:2 slope cannot be achieved? Yes No

If yes, describe these areas and explain alternative measures to achieve stability:

Reclamation of new access routes and trails

How will access routes be reclaimed? Explain work to be done including deactivation and final decommissioning. Provide a schedule.

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? 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.)?

PART I: FIRST NATIONS AND STAKEHOLDER ENGAGEMENT

Have you discussed the proposed operation with any First Nations, 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