



QUARTZ MINING LAND USE REGULATION  
**ASSIGNMENT OF OPERATING PLAN**

Approval #: LQ00456	NTS #: Golden Culvert Property	Class: Class 3 Approval	Expiry Date: 2026-11-14
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**Agreement between:**

<b>The Assignor:</b>	<b>and</b>	<b>The Assignee(s):</b>	<b>Assignor:</b>	<b>The Assignee:</b>
NAME <u>Gary Lee</u>		NAME <u>Robert Scott</u>		NAME <u>Stratabound Minerals Corp.</u>
ADDRESS <u>Box 31800</u>		ADDRESS <u>14 Morley Road</u>		ADDRESS <u>5700 - 100 King St W</u>
CITY <u>Whitehorse, Yukon</u>		CITY <u>Whitehorse, Yukon</u>		CITY <u>Toronto, Ontario</u>
POSTAL CODE <u>Y1A 6L3</u>		POSTAL CODE <u>Y1A 3L1</u>		POSTAL CODE <u>M5X 1C7</u>
TELEPHONE # _____		TELEPHONE # <u>867-334-5466</u>		TELEPHONE # <u>416 915-4157</u>
FAX # _____		FAX # _____		FAX # <u>416 915-4257</u>
EMAIL _____		EMAIL <u>bobscott@northwestel.net</u>		EMAIL <u>info@stratabound.com</u>



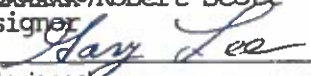
This agreement acknowledges that in consideration of the sum of One (\$1.00) dollar(s) and other good and valuable consideration as paid by the Assignee(s) to the Assignor, the Assignor assigns, transfers and sets over to the Assignee(s) all interest in Operating Plan # LQ00456 entered in the Public Register of the Mining Land Use Division as: LQ00456

**Undertaking by Assignee(s)**

The Assignee(s) undertake to assume, on a joint and several liability basis, all obligations contained in operating plan # LQ00456, including all amendments thereto, a copy of which is attached to this instrument, to the same extent as if the operating plan approval had been originally granted to the Assignee(s). Further, the Assignee(s) undertake to comply with all provisions in the *Quartz Mining Act* and the Quartz Mining Land Use Regulation, including, but not limited to, the operating conditions governing the reclamation of all areas affected by the mining activities conducted under the authority of operating plan # LQ00456.

**Effective Date**

As per subsection 16(1) of the Quartz Mining Land Use Regulation, both the Assignor and the Assignee(s) acknowledge that this Assignment, signed and filed in the Mining Land Use office this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, with the applicable fees, if approved, will be effective not less than 25 days of receipt, unless otherwise advised by the Chief.

	<u>2018/11/17</u>		<u>2017-12-08</u>
Assignor	(date)	Assignee	(date)
Stratabound Minerals Corp.		Robert Scott	
		Assignor	
			<u>2017-12-08</u>
		Assignee	(date)
		Gary Lee	
		Assignor	

Dated this day 12 of November, 2018.

\_\_\_\_\_  
 Chief, Mining Land Use

**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 Recorders Office, Mineral Resources, Department of Energy, Mines and Resources, Yukon Government, Box 2703, Whitehorse, Yukon Territory, Y1A 2C6 (867) 667-3190.

Office use only      Security:  Yes  No      Amount: \$ \_\_\_\_\_



Department of Energy, Mines & Resources  
PO Box 2703, Whitehorse, Yukon Y1A 2C6

March 2, 2018

File No: LQ00456a

Stratabound Minerals Corp  
5700-100 King St. West  
Toronto, ON M5X 1C7

Dear Richard Meschke:

**Re: The assignment of a Class 3 Quartz Mining Land Use Approval**

**From:** Gary Lee  
PO Box 31800  
Whitehorse, YT Y1A 6L3

Robert Scott  
14 Morley Road  
Whitehorse, YT Y1A 3L1

**To:** Richard Meschke  
Stratabound Minerals Corp  
5700-100 King St. West  
Toronto, ON M5X 1C7

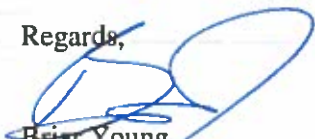
Your application for the assignment of a Class 3 approval has been approved subject to the attached conditions. The effective date of this assignment will be March 2, 2018. All work, including reclamation, must be completed by November 14, 2026 and inspected before full security and/or completion certificates can be applied for.

The attached 'Operational Guidelines' offer additional mitigations that would enable you to maximize the environmental performance of your program.

Please ensure that pre-season and post-season reports are provided before and after each exploration season. Pre- and post-season reports assist the Mineral Resources Branch in monitoring exploration activity and reclamation. Not providing reports may result in additional security being required.

Please feel free to contact our office at (867) 993-5343 should you have any questions.

Regards,



Brian Young  
Chief, Mining Land Use

cc: EMR Natural Resources Officer, Compliance Monitoring and Inspections  
ENV Environmental Affairs, Environmental Protection Branch

## **Operational Guidelines**

### ***Exploration activities***

The Yukon Chamber of Mines has developed an informative Best Management Practices document that should be reviewed in the context of project activities. The Operator should reference the following document when planning and conducting project activities:

- Yukon Mineral and Coal Exploration Best Management Practices and Regulatory Guide ([http://yukonminers.org/wp-content/uploads/2017/06/BMP\\_RG\\_Aug29\\_FINAL\\_WebFile.pdf](http://yukonminers.org/wp-content/uploads/2017/06/BMP_RG_Aug29_FINAL_WebFile.pdf)).

### ***Wildlife/Human Conflict***

To increase worker safety, reduce potential conflicts and prevent unnecessary wildlife mortality, the Operator should implement pertinent components of:

- Guidelines for Industrial Activity in Bear Country for the Mineral Exploration, Placer Mining and Oil & Gas Industries ([http://www.env.gov.yk.ca/publications-maps/documents/bestpractes\\_water.pdf](http://www.env.gov.yk.ca/publications-maps/documents/bestpractes_water.pdf)).

### ***Caribou***

The operator shall regularly seek advice from the Chief, Mining Land Use and Watson Lake Regional Biologist during the lifetime of the Project in regards to bed management practices for reducing effects on caribou. This measure is particularly important to ensure that recommendations and/or terms and conditions of the operating license are informed by the most accurate information regarding caribou habitat, distribution and movement including use of the area for key life functions.

### ***Invasive species***

To minimize the risk and consequences of spreading invasive plant species the Operator should:

- Become familiar with the Yukon invasive species and how to manage them by referring to the Yukon Invasive Species Council document, "Why Should I Care About Invasive Species" ([http://yukoninvasives.com/pdf\\_docs/WhyShouldIcare2011\\_sm.pdf](http://yukoninvasives.com/pdf_docs/WhyShouldIcare2011_sm.pdf))
- The operator should report the presence of invasive plants that are listed on the Yukon Invasive Species Council website (<http://www.yukoninvasives.com/plants.html>) to Government of Yukon by email ([invasives@gov.yk.ca](mailto:invasives@gov.yk.ca)) or to the Regional Biologist in Watson Lake.

### ***Heritage Resources***

To better understand how to manage potential impacts to heritage resources, the Operator should refer to the following document(s):

- Mineral Exploration Best Management Practices for Heritage Resources ([http://www.tc.gov.yk.ca/pdf/Mineral\\_Exploration\\_BMP\\_for\\_Heritage\\_Resources.pdf](http://www.tc.gov.yk.ca/pdf/Mineral_Exploration_BMP_for_Heritage_Resources.pdf))
- Best Management Practices for Burial Sites and Human Remains in Yukon ([http://www.tc.gov.yk.ca/pdf/BurialSites\\_BMP\\_2014.pdf](http://www.tc.gov.yk.ca/pdf/BurialSites_BMP_2014.pdf))

### ***Work in/near water***

Project activities have the potential to affect water quantity, quality and/or rate of flow. The Operator should provide for the protection of water by applying practices described in:

- Best Management Practices for Works Affecting Water in Yukon ([http://www.env.gov.yk.ca/publications-maps/documents/bestpractes\\_water.pdf](http://www.env.gov.yk.ca/publications-maps/documents/bestpractes_water.pdf)).



**MINING LANDS  
MINERAL RESOURCES BRANCH  
GOVERNMENT OF YUKON**

Pursuant to the *Quartz Mining Act* and *Quartz Mining Land Use Regulation*, the Chief, Mining Land Use hereby grants a Class 3 approval to:

Stratabound Minerals Corp  
5700-100 King St. W  
Toronto, ON M5X 1C7

APPROVAL NUMBER: LQ00456a  
PROPERTY NAME: Golden Culvert  
UNDERTAKING: Quartz  
CLASS: Class 3 Approval  
EFFECTIVE DATE: March 2, 2018  
EXPIRY DATE: November 14, 2026

This approval shall be subject to the restrictions and conditions contained herein and to the restrictions and conditions contained in the *Quartz Mining Act* and the *Quartz Mining Land Use Regulation* made there under as proposed in Mining Land Use Application LQ00456a.

Dated this March 2, 2018

  
\_\_\_\_\_  
Brian Young  
Chief, Mining Land Use

**MINING LAND USE  
APPROVAL  
Class 3**

<b>SCOPE OF APPROVAL:</b>				
Claim Status Report (Appendix A)			LQ00456a	
Operating Season		1 <sup>st</sup> June – 15 <sup>th</sup> October		Golden Culvert
<b>PROJECT ACTIVITIES (ON-CLAIM):</b>				
<b>USE OF VEHICLES/EQUIPMENT</b>				
Use of vehicles on existing roads or trails				<input type="radio"/> No <input checked="" type="radio"/> Yes
Gross vehicle weight			On-roads: >40t	On-trails: <20t
Off-road use of vehicles in summer				<input type="radio"/> No <input checked="" type="radio"/> Yes
Off-road use of vehicles in winter				<input checked="" type="radio"/> No <input type="radio"/> Yes
<b>NEW &amp; EXISTING ACCESS</b>				
Upgrading of existing access		<input checked="" type="radio"/> No <input type="radio"/> Yes	Length: x km	Width: x m
New roads		<input type="radio"/> No <input checked="" type="radio"/> Yes	Length: 5 km	Width: 3-4 m
New trails		<input type="radio"/> No <input checked="" type="radio"/> Yes	Length: 2 km	Width: 3-4 m
New temporary trails		<input checked="" type="radio"/> No <input type="radio"/> Yes	Length: x km	Width: x m
Other new access: None				
<b>LINES &amp; CORRIDORS</b>				
Lines		<input checked="" type="radio"/> No <input type="radio"/> Yes	Length: x km	Width: x m
Corridors		<input checked="" type="radio"/> No <input type="radio"/> Yes	Length: x km	Width: x m
<b>SITE PREPARATION</b>				
Number of clearings per claim: 8			Area: 30 m <sup>2</sup>	
Number of clearings for helicopter pads and camps: 0			Area: 0 m <sup>2</sup>	
Removal of the vegetative mat				<input checked="" type="radio"/> No <input type="radio"/> Yes
<b>EXPLORATION TRENCHING &amp; BULK SAMPLING</b>				
Hand-dug				<input checked="" type="radio"/> No <input type="radio"/> Yes
Mechanized				<input type="radio"/> No <input checked="" type="radio"/> Yes
Number: 25	Length: 50-250 m	Width: 1 m	Depth: 2 m	Total volume: 6000 m <sup>3</sup>
Bulk sampling			<input checked="" type="radio"/> No <input type="radio"/> Yes	Amount/year: x tonnes
Explosives		<input checked="" type="radio"/> No <input type="radio"/> Yes	Total amount: x kg	Max. in 30 days: x kg
<b>EXPLORATION DRILLING</b>				
TYPE		NUMBER OF HOLES		DEPTH (m)
Reverse Circulation and Diamond		50		25 000

**MINING LAND USE  
APPROVAL  
Class 3**

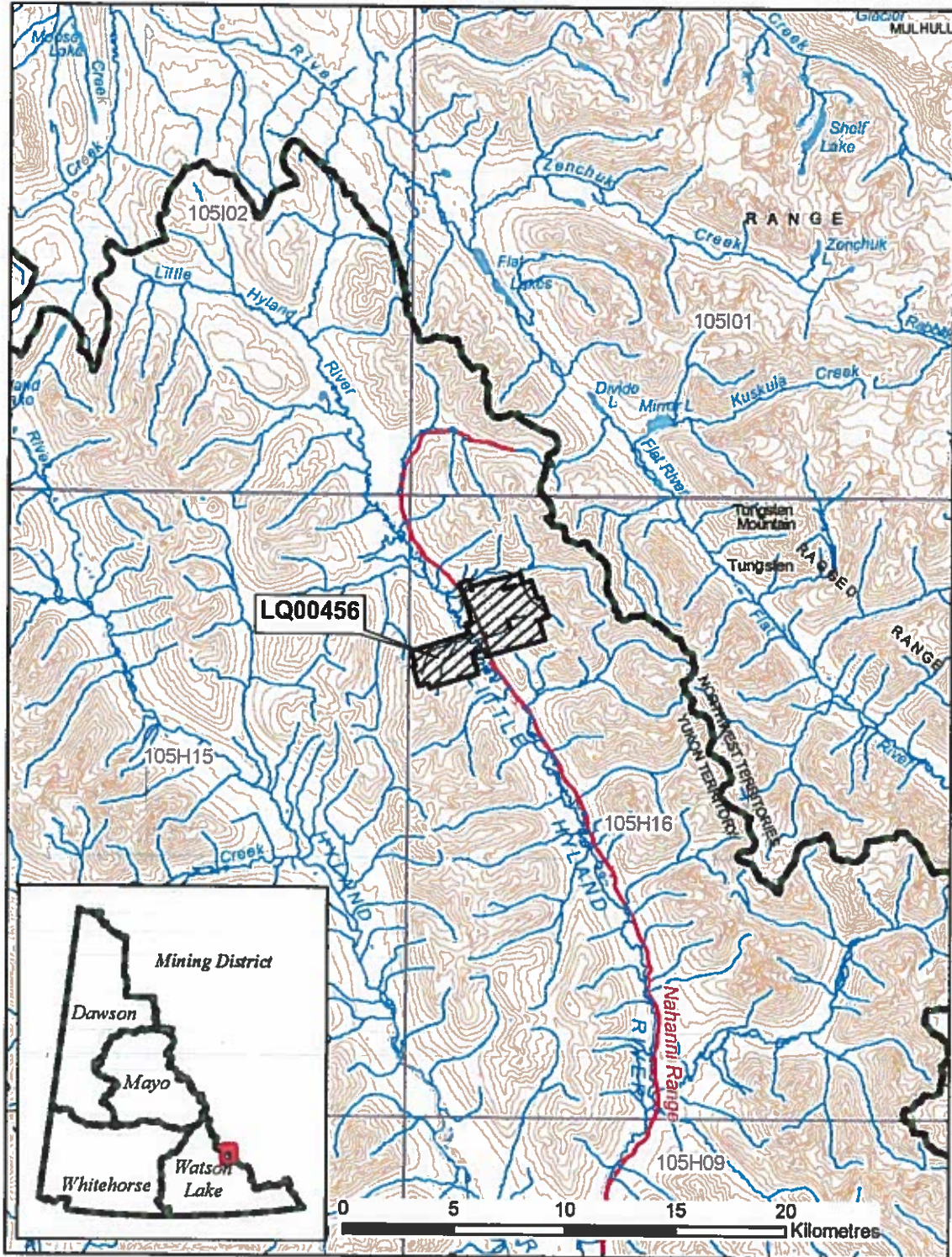
<b>FUEL STORAGE</b>		
<b>FUEL TYPE</b>	<b>STORAGE TYPE &amp; CAPACITY</b>	<b>TOTAL VOLUME</b>
Diesel	Tidy tank and barrels	3000 L
Gasoline	45 gal barrels	615 L
Propane	100 lb Cylinders	700 lb
<b>FACILITIES &amp; STRUCTURES</b>		
Camp structures: Tent frames and motorhomes		
Number of persons in camp at any one time: 15		Number of person days: 2500
Construction of underground structures		<input type="radio"/> No <input type="radio"/> Yes
Amount per year:		Amount per program:

All other applicable legislation, regulations, laws, by-laws and ordinances must be complied with. Additional authorizations or approvals may be required. Any doubt as to whether an additional authorization or approval is required should be verified by a duly authorized official at the appropriate government body or bodies.



**MINING LAND USE  
APPROVAL  
Class 3**

LQ00456a  
Golden Culvert  
Stratabound Minerals Corp



**MINING LAND USE  
APPROVAL  
Class 3**

**DEFINITIONS**

“**Act**” means the *Quartz Mining Act*, S.Y. 2003, c.14;

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

“**Adverse effects**” of an exploration program means its adverse environmental or socio-economic effects and any adverse effects it may have on the existing or asserted aboriginal or treaty rights of any First Nation;

“**Chief**” means the Chief of Mining Land Use designated pursuant to the Act;

“**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;

“**Effective date**” means the date this Approval comes into force as evidenced by the date of the signature of the Chief;

“**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;

“**Isolated road**” means a road that does not provide access to a public highway directly or through a private road;

“**Inspector**” means an inspector designated pursuant to the Act;

“**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;

“**Operator**” means a person who is engaging in an exploration program, or in development or production;

“**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;

“**Response**” means a notice given by the Chief that indicates whether or not an exploration program may be carried out or that extends the time for the Chief’s review of a Notification or operating plan;

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

“**Site**” means the area bounded by the sum of the mineral claims described above under ‘Scope of Approval’;

“**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.



## **PART ONE – GENERAL REQUIREMENTS**

### **Duration of Approval**

- 1.0 This approval is valid upon signature of the Chief until the expiry date. In the event that claims lapse, or that agreements to operate on claims are dissolved, the approval becomes null and void for that portion of the operating plan, where there is no right to the minerals.

### **Compliance with Operating Conditions**

- 1.1 All mineral exploration activities must comply with the Operating Conditions contained in Schedule 1 of the *Quartz Mining Land Use Regulation* and within the approval. Where there is a difference between the operating conditions and approval, the terms of this approval shall prevail. These Operating Conditions are enforceable.

### **Reporting Requirements**

#### **Contact Information**

- 1.2 Submissions and reports to the Chief should be made to both the following addresses:

Chief, Mining Land Use  
Box 2703, K-9  
Whitehorse, Yukon  
Y1A 2C6

Mining Lands Officer  
Box 269  
Watson Lake, YT Y0A 1C0  
watson.mining@gov.yk.ca

- 1.3 The contact for the Operator will be:

Stratabound Minerals Corp  
5700-100 King St. W  
Toronto, ON M5X 1C7  
Richard Meschke  
rmeschke@stratabound.com  
678-488-9483

### **Pre-season and Post-season Reporting**

- 1.4 A report shall be submitted at the beginning of each mining season outlining the exploration activities planned for the season including the proposed locations.
- 1.5 A report shall be submitted at the end of each mining season indicating exploration activities completed during that season. This report shall include but is not limited to:
- detailed mapping of all areas worked;
  - location of new construction;
  - new areas of disturbance;
  - map data, in the form of SHP files or GIS compatible, of all new roads and trails;
  - map data, in the form of SHP files or GIS compatible, of all reclaimed roads and trails;
  - areas of permafrost encountered;
  - total disturbed area;
  - pre-activity survey results, if applicable;

- reclamation activities; and
  - documentation produced by environmental monitors.
- 1.6 The operator shall contact the Watson Lake Mining Inspections Office (Compliance, Monitoring and Inspections) at 867-536-7335 at least 14 days prior to commencing the field season.
- 1.7 The operator shall contact the Watson Lake Mining Inspections Office (Compliance, Monitoring and Inspections) at 867-536-7335 at least 14 days prior to leaving the site at the end of the operation.

### **Spill Reporting**

- 1.8 All spills must be reported immediately to the 24-Hour Yukon Spill Reporting Line (867) 667-7244 and to the Watson Lake Mining Inspections Office (Compliance, Monitoring and Inspections) at 867-536-7335.
- 1.9 An operator who takes an emergency remedial measure shall, as soon as possible but not later than 10 days after taking it, send a written report to the Chief describing the duration, nature and extent of the emergency and the measures taken to respond to it.

### **Heritage Reporting**

- 1.10 All paleontological resources uncovered during operations shall be reported to the Yukon Paleontology Program, Government of Yukon in Whitehorse at (867) 667-8089 or (867) 667-5386 and the Chief.
- 1.11 All archaeological resources uncovered during operations shall be reported to the Yukon Archaeology Program, Government of Yukon in Whitehorse at (867) 667-3771 or (867) 667-5386 and the Chief.
- 1.12 The report(s) developed for Section(s) 2.2, shall be submitted to Government of Yukon – Mining Lands, Mineral Resources Branch and the Heritage Resources Unit, Cultural Services Branch.

### **Wildlife Reporting**

- 1.13 All incidents with wildlife shall be reported to the District Conservation Officer in Watson Lake (Liard Region) at (867) 536-3210.
- 1.14 The operator shall submit annual wildlife logs noting all wildlife sightings and sightings of species of special concern (e.g. northern mountain caribou, grizzly bear, collared pika, etc.) to the Chief, Mining Land Use and copy the Regional Biologist in Watson Lake. The log shall include the following: date and time of sighting, a detailed location description (coordinates are preferable), species and number of animals, age and sex if possible, activity of the animals, and any other comments.

**Access**

- 1.15 Prior to installing any new access to the project area, the operator shall prepare an access management plan for consideration of the Chief, Mining Land Use. The plan shall detail the means of access restriction, proposed site(s) to be utilized, seasonal closure and reclamation at the end of the project. The access management plan must meet the approval of the Chief, Mining Land Use in order to install the proposed access.

## **PART TWO – PROJECT SPECIFIC OPERATING CONDITIONS**

### **Schedule 1 Operating Conditions (Appendix B)**

The operator is bound by the Schedule 1 Operating Conditions per the *Quartz Mining Land Use Regulation*. In addition to the Schedule 1 Operating Conditions, the operator must also comply with the following terms and conditions:

#### **Drilling**

2.0 The operator must ensure that all employees and contractors working at the drill sites are aware of the operating conditions for drilling.

#### **Erosion Control and Permafrost**

2.1 The operator shall insulate the ground surface beneath all temporary structures and temporary facilities used in the project where permafrost is present to:

- a) prevent any vegetation from being removed; and
- b) prevent the ground from settling or eroding.

#### **Heritage Resources**

2.2 A Heritage Resources Impact Assessment shall be completed in advance of ground disturbing activities in areas with elevated potential for the presence of archaeological or historic sites.

#### **Petroleum Fuel and Hazardous Substances**

2.3 The operator shall clearly identify the owner, with indelible marker or paint, the contents and the date on fuel drums to establish and manage ownership and responsibility.

2.4 All fuel cache(s) must be protected with an earthen berm and flagged to prevent spills resulting from accidental contact with heavy equipment. Flags should be visible above the snow pack.

2.5 The location of any spills shall be clearly marked with stakes or flags.

#### **Re-establishment of the Vegetative Mat**

2.6 The operator shall ensure equipment is free of foreign soil and plant material prior to moving it to the project site.

#### **Roads, Trails and Clearings**

2.7 The operator shall minimize clearings including access roads/trails and pullouts, to the extent possible. This measure has been recommended based on the proposed access road and number of pullouts. While employee safety should not be compromised, limiting the number of pullouts to as few as practicable is preferred in order to reduce the effects to wildlife.



- 2.8 Roads and trails associated with this project shall be decommissioned and reclaimed as soon as possible when no longer required for the operation.

### **Solid Waste**

- 2.9 The operator shall keep all garbage, including kitchen waste, in a container that prevents access by bears and other wildlife, until properly disposed of in accordance with the *Solid Waste Regulations*.
- 2.10 When burning kitchen waste on site it must be burned regularly to reduce odours that might attract wildlife and be burned to ash by forced air or fuel fired incineration.
- 2.11 An electric fence shall be installed around the grey water sump and incinerator during camp use.

### **Trenching**

- 2.12 Open trenches shall be sloped at one end to avoid entrapment of wildlife.
- 2.13 The operator must ensure that all employees and contractors working at the trench sites are aware of the operating conditions for trenching.

### **Waste Rock**

- 2.14 Should the amount of waste rock pile and/or bulk sample be equal to or greater than 10,000 tonnes, additional testing and characterization work shall be conducted to determine actual ARD/ML potentials. The operator shall provide this information to the Chief, Mining Land Use and apply additional mitigation measures where necessary to reduce exposure of ML/ARD material and associated adverse effects.

### **Wildlife**

- 2.15 If caribou or other large mammals are observed in proximity to active operations, the operator shall avoid disturbing by whatever means possible (e.g. turning off vehicles or heavy equipment, redirecting activities to other areas, etc.).
- 2.16 If an active migratory bird nest is discovered, activities shall be postponed in the nesting area until nesting is complete.

### **PART THREE – RECLAMATION AND/OR DECOMMISSIONING**

- 3.0 Reclamation and/or decommissioning shall be progressive in nature where possible and will occur prior to the expiry of the exploration program or prior to the expiry of this approval, whichever comes first, according to standards outlined in the operating conditions, unless otherwise specified by the Chief.
- 3.1 Debris, equipment, fuel barrels, scrap metal and other waste at the work site shall be completely disposed of, so as not to attract wildlife, by removal to an authorized disposal site at the cessation of the exploration program.
- 3.2 Structures must be removed and the site restored at the end of the exploration program or prior to the expiry of this approval, whichever comes first, to a level of utility comparable to its previous level of utility.
- 3.3 If an amendment to this approval or new approval is granted, for the claims within the scope of this approval (Appendix A), all outstanding reclamation continues to be the responsibility of the operator.

### **PART FOUR – OTHER MATTERS**

- 4.0 Security may be required at any time by the Chief.
- 4.1 Notice of Schedule III must be provided to the Yukon Water Board ten (10) days prior to use of water.
- 4.2 The operator shall communicate plans and timing of activities to other land and resource users that may be affected by the proposed project (e.g. trapper, outfitter, First Nations) as soon as practicable and prior to the commencement of project activities to identify and resolve potential land use conflicts and any potential negative effects on other users.
- 4.3 As the area is known to be used for activities such as hunting and traditional/recreational land use, the operator shall limit disturbance to these activities, if encountered, by any means practicable.
- 4.4 Attached (Appendix C) are the commitments that form part of this operating plan.



**LQ00456a**  
**Appendix A**  
**Claim Status Report**

Claim Name and Nbr:	Grant No.	Expiry Date	Registered Owner	% Owned	NIIS #'s	Grouping	Permit
CULVERT 1	YC29100	2030/04/22	Robert R. Scott Gary Lee	50.00 50.00	105H16	HL12555	LQ00456
CULVERT 2	YC31957	2028/03/11	Robert R. Scott Gary Lee	50.00 50.00	105H16	HL12555	LQ00456
CULVERT 3	YC71979	2029/03/17	Robert R. Scott Gary Lee	50.00 50.00	105H16	HL12555	LQ00456
CULVERT 4 - 6	YC31958 - YC31960	2028/03/11	Robert R. Scott Gary Lee	50.00 50.00	105H16	HL12555	LQ00456
CULVERT 7 - 8	YC71980 - YC71981	2029/03/17	Robert R. Scott Gary Lee	50.00 50.00	105H16	HL12555	LQ00456
CULVERT 9 - 12	YC31961 - YC31964	2028/03/11	Robert R. Scott Gary Lee	50.00 50.00	105H16	HL12555	LQ00456
CULVERT 13 - 16	YC71982 - YC71985	2029/03/17	Robert R. Scott Gary Lee	50.00 50.00	105H16	HL12555	LQ00456
CULVERT 17 - 57	YC73335 - YC73375	2026/03/16	Robert R. Scott Gary Lee	50.00 50.00	105H16	HL12555	LQ00456
CULVERT 58 - 70	YC73422 - YC73434	2026/03/16	Robert R. Scott Gary Lee	50.00 50.00	105H16	HL12555	LQ00456
CULVERT 71	YC73863	2026/03/22	Robert R. Scott Gary Lee	50.00 50.00	105H16	HL12555	LQ00456
CULVERT 72	YC94980	2026/05/16	Robert R. Scott Gary Lee	50.00 50.00	105H16	HL12555	LQ00456
CULVERT 73 - 75	YD17372 - YD17374	2024/03/28	Robert R. Scott Gary Lee	50.00 50.00	105H16	HL12555	LQ00456

Criteria(s) used for search:

CLAIM DISTRICT: 1000005 CLAIM STATUS: ACTIVE & PENDING DOCUMENT NUMBER: LQ00456 REGULATION TYPE: QUARTZ

Total claims selected : 75

Left column indicator legend:

R - Indicates the claim is on one or more pending renewal(s)  
P - Indicates the claim is pending.

Right column indicator legend:

L - Indicates the Quartz Lease  
F - Indicates Full Quartz fraction (25+ acres)  
P - Indicates Partial Quartz fraction (<25 acres)  
D - Indicates Placer Discovery  
C - Indicates Placer Codiscovery  
B - Indicates Placer Fraction

## **APPENDIX B**

### *Quartz Mining Land Use Regulation*

#### **Schedule 1** **Operating Conditions**

##### **Removal of the Vegetative Mat**

1. If the vegetative mat must be removed to carry out exploration activities, it must be removed so as to protect the seed and root stock contained within the mat and be stored separately from other overburden or bedrock removed for use in re-establishing the vegetative mat when the exploration program ceases.

##### **Re-establishment of the Vegetative Mat**

2. (1) All vegetated areas disturbed by exploration activities, including fuel and waste storage areas, clearings, corridors, temporary trails, camps and supporting infrastructure, and trenches and drill sites, must be left in a condition conducive to re-vegetation by native plant species or other species adaptable to the local environment to encourage re-vegetation comparable to similar, naturally occurring, environments in the area.

(2) Conditions conducive to re-vegetation include provision of adequate soil layer with moisture retaining ability, no soil contamination by hydrocarbons or other hazardous substances, provision of adequate seed or root stock, and contoured or otherwise stable slopes.

3. If adequate seed or root stock is not naturally available, re-seeding or transplanting of vegetation is required. Only non-invasive species may be used for re-seeding or transplanting. Consult with the Mining Inspector prior to seeding.

##### **Erosion Control and Permafrost**

4. All areas disturbed during an exploration program must be re-sloped, contoured or otherwise stabilized to prevent long-term soil erosion, slumping and subsidence.
5. All exploration activities must be carried out to avoid or minimize damage to and loss of permafrost.

##### **Trenching**

6. Trenching carried out by hand or using hand-held tools must be methodical. All trenches must be stabilized and marked to minimize risk to the public.
7. Trenches constructed with mechanized equipment must be back filled by first depositing any removed overburden and bedrock and then replacing the vegetative mat that was removed to construct the trench.



### **Historic Objects and Burial Grounds**

8. Exploration activities must not be carried out within 30m of a known archeological site unless the Chief indicates, in writing, that such activities may be carried out.
9. Any sites containing archeological objects, paleontological objects or human remains or burial sites discovered in the course of carrying out an exploration program must be immediately marked and protected from further disturbance and, as soon as practicable, the discovery reported to the Chief. No further activities may be carried out within 30m of the site until the Chief indicates, in writing, that activities may be resumed.

### **Solid Waste**

10. All solid waste, including debris, equipment, barrels, drums, and scrap metal, must be safely stored on the site of the exploration program while the program is carried out and must be disposed of in accordance with the *Solid Waste Regulation* when the program ceases.
11. Camps must be kept clean and tidy.

### **Petroleum Fuel and Hazardous Substances**

12. If petroleum fuel storage capacity exceeds 4000 L, a secondary containment structure must be constructed. The containment structure must be made of a material impervious to petroleum products and:
  - a) if there is a single storage tank, be of sufficient size to accommodate at least 110% of the capacity of the storage tank; or
  - b) if there is more than one storage tank, be of sufficient size to accommodate 110% of the capacity of the largest storage tank or 10% of the total capacity of all the tanks, whichever is larger.
13. All petroleum products, including waste petroleum products, and any other hazardous substances must be stored in a secure fashion no less than 30m from the ordinary high water mark of any water body.
14. All petroleum products, including waste petroleum products, and any other hazardous substance, must be transferred and handled without spillage.
15. All petroleum products and any other hazardous substances must be removed from the site of the exploration program when the program ceases.
16. All waste petroleum products and any other special waste, as defined in the *Special Waste Regulations*, generated in the course of carrying out the exploration program must be disposed of in accordance with the *Special Waste Regulations* when the program ceases.

### **Spills and Spill Contingency Plans**

17. A spill contingency plan for petroleum products and other hazardous waste must be prepared and posted in the camp and at all fuel handling locations used in carrying out the exploration program.
18. All spill clean-up equipment and material must be maintained in a state of readiness sufficient at all times to contain and clean-up any hazardous material spills.
19. If a spill occurs, the spill contingency plan must be immediately implemented and notice given to the 24-hour Yukon Spill Report Line. As soon as practicable, an inspector must be contacted. Whatever remedial action is required to clean-up the spill and reclaim the affected land and water must be taken.

### **Use of Vehicles**

20. Vehicles must be maintained and operated to prevent spills of fuel, lubricants, coolants and oil.

### **Timber and Brush**

21. Cut brush must not be piled so that it blocks movement of wildlife or people.
22. Leaning trees created by cutting of lines, corridors, temporary trails, and clearings must be felled.
23. When it is economically viable to do so, timber suitable for sale must be salvaged and stockpiled.
24. All risk of fire hazard must be avoided.

### **Drilling**

25. All reasonable efforts must be made when drilling to minimize the impact on wildlife and the public.
26. Vegetation other than that within a drill sump, must not be covered with drill cuttings.
27. Core must be stored in a stable fashion.
28. Drill mud must be re-circulated when possible.
29. All drill fluids must be contained in a sump.
30. Drill holes that pose a hazard or that lead to ground water must be plugged to prevent flow of water to the surface.
31. The location of drill holes must be marked on the ground by flagging or other suitable means at the location of the drill hole.

32. Drilling waste, including fluid, cuttings and mud must not be left within 30m of a water body.

#### **Roads, Trails, and Off-road Trail Use**

33. All vehicles must be operated to avoid rutting and gouging of roads and trails.
34. Off road and trail routes must be reconnoitered and must be used in a way that minimizes ground disturbance, including damage to permafrost and sensitive wildlife habitat.
35. If rutting, gouging, ponding or permafrost degradation occurs off road or trail, vehicle use must be suspended or relocated to ground that is capable of bearing the weight of the vehicle without causing such damage.
36. Use of skids on permafrost or wet ground is only permitted outside of winter where it is not reasonable to use any other means of transporting equipment.
37. Routes for temporary trails must be reconnoitered and flagged.
38. In addition to any remedial action required in relation to item 2 of this schedule, temporary trails must be blocked to prevent further vehicular access.

#### **Release of Sediment**

39. All reasonable care must be taken in carrying out exploration activities near or adjacent to a water body to prevent sediment from entering a water body, unless otherwise permitted by law.

#### **Use of Explosives**

40. Explosives must be set off in a manner to minimize impact on wildlife and the public to ensure that forest fires, unplanned landslides, or artificial damming of water bodies does not occur.

#### **Waste Rock**

41. Waste rock piles must be located at least 30m from any water body and be physically stable.
42. Waste rock containing sulfides must be returned underground.
43. Access to underground openings must be blocked to prevent access by wildlife and people.

## APPENDIX C

### Proponent Commitments

#### **Wildlife and Wildlife Habitat**

- Wildlife will not be approached
- If caribou or other large mammals are spotted, work will be stopped until they clear the area
- Staff will be trained including bear awareness to ensure they behave appropriately and safely
- Bear deterrents will be provided and firearms with competent users will be on site
- If avian nests are located on the ground or in the shrubs they will be left alone and the area will be flagged and skirted (30 m buffer)
- Food will be stored in coolers, metal boxes or in fridges in trailers and motorhomes depending on camp design
- Garbage will be burned daily in propane fire drum
- Fuel, oil and grease will be stored in drums or tidy tanks or in back of pickups with canopies or enclosed trailers
- If attractants become an issue, an electric fence will be installed around petroleum products, kitchen sump, and garbage burn area and if the problem persists the whole camp will be fenced

#### **Environmental Quality**

- Combustible waste will be burned; non-combustible waste will be hauled to Watson Lake landfill or Whitehorse
- Fuel tanks, valves, transfer hoses and pumps will be regularly inspected
- Operating equipment, fuel tanks, and transfer equipment will be receive regular maintenance
- Employees will be trained in fuel handling procedures
- Fuel transfers will always be attended and valves secured after fueling
- Fuel spill response will involve containing the spill, use of spill kits, transfer of fuel to alternate containers if required, and removal of any contaminated materials to approved disposal site
- Spill kits will be supplied at transfer points
- Fuel will be removed at end of each season as well as any empty containers
- Special hazardous waste and petroleum products will be stored securely onsite and removed from site regularly and at end of season
- When constructing pullouts, the least amount of ground will be disturbed and the ground will be sloped to direct runoff away from the watercourse
- Drill cuttings and fluids will be managed via sumps; in areas where sumps cannot be used, tanks will be used to capture slurry
- Disturbed areas with permafrost will be recovered as soon as possible
- Trenches will be backfilled before season end