



Energy, Mines and Resources
Box 2703, Whitehorse, Yukon Y1A 2C8
Mineral Resources Branch (K-9)
Mining Lands

October 26, 2016

File No: LQ00461

John Harding
P.O. Box 10169
Whitehorse, Yukon
Y1A 7A1

Dear Sir/Madam:

Re: Class 3 Quartz Mining Land Use Approval

Your application for a Class 3 approval has been approved:

- As submitted.
- Subject to the attached conditions.
- Subject to security deposit as received.

The effective date of this approval will be October 26, 2016. All work, including restoration, must be completed by October 25, 2026, and inspected before full security and/or completion certificates can be applied for.

Please feel free to contact our office at (867) 667-3107 should you have any questions.

Regards,

A handwritten signature in blue ink, appearing to read "D. Fraser".

Derek Fraser
Chief, Mining Land Use

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



**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:

**John Harding
P.O. Box 10169
Whitehorse, Yukon
Y1A 7A1**

APPROVAL NUMBER: LQ00461
PROPERTY NAME: Follé Mountain
UNDERTAKING: Quartz
CLASS: Class 3 Approval
EFFECTIVE DATE: October 26, 2016
EXPIRY DATE: October 25, 2026 or until a Class 4 approval is issued, whichever occurs first

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 LQ00461.

Dated this October 26, 2016



Derek Fraser
Chief, Mining Land Use

**MINING LAND USE
APPROVAL
Class 3
LQ00461
Follé Mountain
John Harding**

SCOPE OF APPROVAL: Folle Mtn 1 YC18852
Exploration Activity Report (Appendix A)

NTS: 105-D-06

Definitions

“**Act**” means the *Quartz Mining Act*, SY 2003, c.14; amended by SY 2008, c.19; SY 2013, c.18;

“**Operator**” means a person who is engaging in an exploration program;

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

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

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

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

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

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

“**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

PART ONE – GENERAL REQUIREMENTS

Duration of Approval

1. 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.
2. All outstanding reclamation continues to be the responsibility of the operator.

Compliance with Operating Conditions

3. All mineral exploration activities must comply with the Operating Conditions contained in Schedule 1 of the Quartz Mining Land Use Regulation. These Operating Conditions are enforceable.

PART TWO - REPORTING REQUIREMENTS

Contact Numbers/Planning and Communication

4. 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 Room 102 - 300 Main Street Whitehorse, YT Y1A 2B5 867-667-3107 whitehorse.mining@gov.yk.ca
--	--

5. The contact for the Operator will be:
John Harding
P.O. Box 10169
Whitehorse, Yukon Y1A 7A1
Harcon-precast@gmail.com
867-336-2931

6. All spills must be reported immediately to the 24-Hour Yukon Spill Reporting Line (867) 667-7244 and to the Mining Inspections Division Whitehorse (867) 456-3882 .

7. 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.

8. A report shall be submitted at the beginning of each mining season outlining the exploration activities planned for the season including the proposed locations.

9. A report shall be submitted at the end of each mining season indicating exploration activities completed during that season. This report shall include but not be 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;
 - reclamation activities and,
 - documentation produced by environmental monitors.

10. The operator shall contact Mining Inspections Division: Whitehorse (867) 456-3882 at least 14 days prior to commencing the field season.

11. The operator shall contact Mining Inspections Mining Inspections Division: Whitehorse (867) 456-3882 at least 14 days prior to leaving the site at the end of the operation.

Heritage

12. 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.
13. 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.

Wildlife

14. All incidents with wildlife shall be reported to the District Conservation Officer in Whitehorse (Southern Lakes Region) at (867) 667-8005, as well as any other communication regarding wildlife.
15. The operator shall maintain a detailed wildlife log for submission to the Chief, Mining Lands annually.

PART THREE – TERMS AND CONDITIONS

Removal of the Vegetative Mat

16. 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

17. 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.
18. 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.
19. 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

20. All areas disturbed during an exploration program must be re-sloped, contoured or otherwise stabilized to prevent long-term soil erosion, slumping and subsidence.
21. All exploration activities must be carried out to avoid or minimize damage to and loss of permafrost.
22. 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

Historic Objects and Burial Grounds

23. 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.
24. 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.

Disposal of Wastes/Cleanliness

25. 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.
26. 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.
27. 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.
28. Camps must be kept clean and tidy.

Fuel and Chemical Storage and Handling

29. If petroleum fuel storage capacity exceeds 4000L, 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.

30. 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.
31. All petroleum products, including waste petroleum products, and any other hazardous substance, must be transferred and handled without spillage.
32. All waste petroleum products and any other special waste, as defined in the Special Waste Regulations, generated in the course of carrying out the explorations program must be disposed of in accordance with the Special Waste Regulations when the program ceases.
33. The operator shall clearly identify the owner, the contents and the date on fuel drums to establish and manage ownership and responsibility.

Spills and Spill Contingency Plans

34. 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.
35. 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.
36. 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.
37. The location of any spills shall be clearly marked with stakes or flags.

Use of Vehicles

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

Timber and Brush

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

Waste Rock

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

Use of Explosives

46. 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.

Roads, Trails, and Off-road Trail Use

47. All vehicles must be operated to avoid rutting and gouging of roads and trails.
48. 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.
49. 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 and the former routes must be restored in compliance with the operating conditions for re-establishment of the vegetative mat and erosion control.
50. 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.
51. Routes for temporary trails must be reconnoitered and flagged.
52. In addition to any remedial action required in relation to re-establishment of the vegetative mat, temporary trails must be blocked to prevent further vehicular access.

Release of Sediment

53. 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.

Security

54. Security may be required at any time by the Chief.

Reclamation

55. Reclamation shall be progressive in nature where possible and completed before expiry of the approval.

PART FOUR – FINAL DECOMMISSIONING

56. Final reclamation will occur prior to the expiry of the exploration program, according to standards outlined in the operating conditions for re-establishment of vegetative mat and erosion control.
57. All petroleum products and any other hazardous substance must be removed from the site of the exploration program when the program ceases.
58. 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.
59. 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.
60. Structures must be removed and the site restored at the end of the exploration program to a level of utility comparable to its previous level of utility.

PART FIVE – OTHER MATTERS

61. 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.
62. Notice of Schedule III must be provided to the Yukon Water Board ten (10) days prior to use of water.
63. Attached (Appendix C) are the proponent commitments that form part of this operating plan.



APPENDIX A
MINING LAND USE
EXPLORATION ACTIVITY REPORT

October 25, 2016

LQ00461
Class III

John S. Harding
Box 10169
Whitehorse, YT Y1A7A1

ELEMENT	CRITERIA	TERMS AND CONDITIONS
Construction of underground		Approximately 6 cu yds moved to surface per year for a total of approx. 60 cu yds over the 10 year period.
Fuel Storage in a stationary container		Approx. 85 L of gasoline stored in jerry cans.
Nb of clearings per claim, including existing clearings		2 existing clearings 1 = 1200 sq. feet, 2 = 4000 sq feet.
Nb of person days per camp		Approx. 215 person days
Nb of persons in a camp at any one time		2 persons in camp
Surface area of each clearing		2 existing clearings 1 = 1200 sq ft 2 = 4000 sq ft
Use of explosives		approx. 50 kg per year
Use of vehicles on existing roads or trails		On claim from May 1 to Nov 31 annually.

**John Harding
LQ00461**

Appendix B
Proponent Commitments

- The proponent identified May 1 as the annual start date and Nov 31 as the annual end date of the operating season.