



**Energy, Mines and Resources**  
Box 2703, Whitehorse, Yukon Y1A 2C6  
Mineral Resources Branch (K-9)  
Mining Lands

July 6, 2017

File No: LQ00471

Provenance Gold Corp  
2200 – HSBC Building  
885 West Georgia Street  
Vancouver, B.C. V6C 3E8

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 July 6, 2017. All work, including restoration, must be completed by July 5, 2027 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 "Judith St. Amand".

Judith St. Amand  
A/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:

**Provenance Gold Corp.  
2200 HSBC Building  
885 West Georgia Street  
Vancouver, B.C.  
V6C 3E8**

APPROVAL NUMBER:	LQ00471
PROPERTY NAME:	K2 Property
UNDERTAKING:	Quartz
CLASS:	Class 3 Approval
EFFECTIVE DATE:	July 6, 2017
EXPIRY DATE:	July 5, 2027

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 LQ00471.

Dated this 6 of July, 2017

  
\_\_\_\_\_  
Judith St. Amand  
A/Chief, Mining Land Use

**MINING LAND USE  
APPROVAL  
Class 3  
LQ00471  
2K Property  
Provenance Gold Corporation**

**SCOPE OF APPROVAL: Claim Status Report (Appendix A)  
Exploration Activity Report (Appendix B)  
Proponent Commitments (Appendix C)**

**NTS: 115-N-02**

**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

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

“**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.

**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	Mining Lands Officer
Box 2703, K-9	Room 102 - 300 Main Street
Whitehorse, Yukon Y1A 2C6	Whitehorse, YT Y1A 2B5
	867-667-3107
	whitehorse.mining@gov.yk.ca
5. The contact for the Operator will be:

Provenance Gold Corporation  
Mr. Ravno Perttu  
2200 HSBC Bldg, 885 West Georgia Street  
Vancouver, B.C. V6C 3E8  
Carl.Schulze@aurorageosciences.com  
604 999-9590
6. All spills must be reported immediately to the 24-Hour Yukon Spill Reporting Line (867) 667-7244 and to the Mining Inspections Division Dawson (867) 993-7300 .
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;
  - pre-activity survey results;

- reclamation activities and,
  - documentation produced by environmental monitors.
10. The operator shall contact Mining Inspections Division: Dawson (867) 993-7300 at least 14 days prior to commencing the field season.
  11. The operator shall contact Mining Inspections Mining Inspections Division: Dawson (867) 993-7300 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 as well as any Yukon First Nation whose Traditional Territory overlaps that resource.
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 as well as any Yukon First Nation whose Traditional Territory overlaps that resource.
14. The report(s) developed for Section 24-25, shall be submitted to Government of Yukon – Mining Lands, Mineral Resources Branch and the Heritage Resources Unit, Cultural Services Branch as well as any Yukon First Nation whose Traditional Territory overlaps that resource.

### **Wildlife**

15. All incidents with wildlife shall be reported to the District Conservation Officer in Dawson (Northern Region) at (867) 993-5492, as well as any other communication regarding wildlife.
16. 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**

17. 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**

18. 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.

19. 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.
20. 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**

21. All areas disturbed during an exploration program must be re-sloped, contoured or otherwise stabilized to prevent long-term soil erosion, slumping and subsidence.
22. All exploration activities must be carried out to avoid or minimize damage to and loss of permafrost.
23. 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**

24. A Heritage Resources Overview Assessment (HROA) shall be conducted where ground-disturbing activities are proposed. In areas where the HROA identified areas that have elevated potential for the presence of heritage resources a Heritage Resources Impact Assessment be conducted in those areas, prior to ground-disturbing activities.
25. Subject to the results of the Heritage Resources Overview Assessment, areas with elevated potential for the presence of heritage resources are to be buffered from ground disturbing activities. If this is not possible, the operator shall complete a Heritage Resources Inventory Assessment in advance of activities that disturb the ground surface within areas with elevated potential for the presence of heritage resources.
26. 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.
27. 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**

28. 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.
29. 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.
30. 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.
31. Camps must be kept clean and tidy.

### **Fuel and Chemical Storage and Handling**

32. 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.
33. 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.
34. 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.
35. All petroleum products, including waste petroleum products, and any other hazardous substance, must be transferred and handled without spillage.
36. 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.
37. 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**

38. 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.

39. 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.
40. 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.
41. The location of any spills shall be clearly marked with stakes or flags.

#### **Use of Vehicles**

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

#### **Timber and Brush**

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

#### **Trenching**

47. Trenching carried out by hand or using hand-held tools must be methodical.
48. All trenches must be stabilized and marked to minimize risk to the public.
49. Open trenches shall be backfilled and/or sloped at one end to avoid entrapment of wildlife.
50. 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.
51. The operator must ensure that all employees and contractors working at the trench sites are aware of the operating conditions for trenching.

#### **Drilling**

52. All reasonable efforts must be made when drilling to minimize the impact on wildlife and the public.
53. Vegetation other than that within a drill sump, must not be covered with drill cuttings.



54. Core must be stored in a stable fashion.
55. Drill mud must be re-circulated when possible.
56. All drill fluids must be contained in a sump.
57. Drill holes that pose a hazard or that lead to ground water must be plugged in a suitable manner.
58. The location of drill holes must be marked on the ground by flagging or other suitable means at the location of the drill hole.
59. Drilling waste, including fluid, cuttings and mud must not be left within 30m of a water body.
60. The operator must ensure that all employees and contractors working at the drill sites are aware of the operating conditions for drilling.

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

61. All vehicles must be operated to avoid rutting and gouging of roads and trails.
62. 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.
63. 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.
64. 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.
65. Routes for temporary trails must be reconnoitered and flagged.
66. 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**

67. 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.

#### **Wildlife**

68. Exploration activities shall be suspended if migrating caribou are within 1 km of active work areas.

## **Security**

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

## **Reclamation**

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

## **PART FOUR – FINAL DECOMMISSIONING**

71. 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.

72. All petroleum products and any other hazardous substance must be removed from the site of the exploration program when the program ceases.

73. 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.

74. 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.

75. 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**

76. 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.

77. Notice of Schedule III must be provided to the Yukon Water Board ten (10) days prior to use of water.

78. Attached (Appendix C) are the commitments that form part of this operating plan.

## Claim Status Report

11 July 2017

Claim Name and Nbr:	Grant No.	Expiry Date	Registered Owner	% Owned	NTS #'s	Grouping	Permit
ANTLER 1 - 12	YC94510 - YC94521	2018/12/31	Colin Robert Warrick	100.00	115N02	HW07555	LQ00471
ANTLER 13 - 16	YC94506 - YC94509	2018/12/31	Colin Robert Warrick	100.00	115N02	HW07555	LQ00471
ANTLER 17 - 29	YD59885 - YD59897	2019/12/31	Colin Robert Warrick	100.00	115N02	HW07555	LQ00471
ANTLER 30 - 31	YD59898 - YD59899	2017/12/31	Colin Robert Warrick	100.00	115N02	HW07555	LQ00471
ANTLER 32 - 34	YD59880 - YD59882	2017/12/31	Colin Robert Warrick	100.00	115N02	HW07555	LQ00471
ANTLER 35 - 41	YD59900 - YD59906	2017/12/31	Colin Robert Warrick	100.00	115N02	HW07555	LQ00471
ANTLER 42 - 67	YD59910 - YD59935	2017/12/31	Colin Robert Warrick	100.00	115N02	HW07555	LQ00471
ANTLER 68 - 73	YF45748 - YF45753	2017/12/24	Colin Robert Warrick	100.00	115N02	HW07555	LQ00471
COLIN 1 - 4	YB54730 - YB54733	2019/12/24	Ian Warrick	100.00	115N02	HW07555	LQ00471
COLIN 5 - 20	YC40935 - YC40950	2019/12/24	Ian Warrick	100.00	115N02	HW07555	LQ00471
COLIN 21 - 29	YC46878 - YC46886	2019/12/24	Ian Warrick	100.00	115N02	HW07555	LQ00471
COLIN 30 - 31	YD59883 - YD59884	2019/12/24	Ian Warrick	100.00	115N02	HW07555	LQ00471
MAR 1 - 2	YB54519 - YB54520	2023/12/24	Ian Warrick	100.00	115N02	HW07585	LQ00471
PIA 1 - 6	YB54513 - YB54518	2023/12/24	Ian Warrick	100.00	115N02	HW07585	LQ00471
REEF 1 - 4	YA78081 - YA78084	2023/12/24	Ian Warrick	100.00	115N02	HW07585	LQ00471
REEF 5 - 10	YA82517 - YA82522	2023/12/24	Ian Warrick	100.00	115N02	HW07585	LQ00471
REEF 11 - 15	YA97444 - YA97448	2023/12/24	Ian Warrick	100.00	115N02	HW07585	LQ00471
REEF 16	YB08092	2022/12/24	Ian Warrick	100.00	115N02	HW07585	LQ00471
REEF 17 - 20	YB08093 - YB08096	2023/12/24	Ian Warrick	100.00	115N02	HW07585	LQ00471
REEF 21	YB55284	2022/12/24	Ian Warrick	100.00	115N02	HW07585	LQ00471
REEF 22 - 23	YC14556 - YC14557	2023/12/24	Ian Warrick	100.00	115N02	HW07585	LQ00471
REEF 25 - 38	YC18702 - YC18715	2023/12/23	Ian Warrick	100.00	115N02	HW07585	LQ00471

### Criteria(s) used for search:

CLAIM DISTRICT: 1000004 CLAIM STATUS: ACTIVE & PENDING DOCUMENT NUMBER: LQ00471 REGULATION TYPE: QUARTZ

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

Total claims selected : 149

Appendix B  
**MINING LAND USE**  
EXPLORATION and RELATED ACTIVITIES REPORT

June 26, 2017

LQ00471

Class III

Provenance Gold Corp.  
Suite 2200 - 885 W. Georgia St  
Vancouver, BC V6C3E8

ELEMENT	CRITERIA	TERMS AND CONDITIONS
Fuel Storage in a stationary container		Fuel stored at 2 separate locations, 19 drums (205L) stored in a location at a time, 2 drums gas, the rest is diesel. Approx 4 100lb propane tanks, approx 18 - 5 gallon pails of oil stored in a plastic lined, bermed area.
Establishing new access roads per program		Create new roads on claims for approx. 2.4 kms
Establishment of trails per program		Develop new trails on claims for approx. 1.4 kms
Nb of clearings per claim, including existing clearings		Up to 10 clearings per claim
Nb of person days per camp		Approx. 477 person days for phase 1 & 2
Surface area of each clearing		Approximately 100 square meters per clearing for drilling.
Total volume of trenching		Approximately 900 cubic meters of trenching.
Nb of persons in a camp at any one time		Approx. 9 persons in camp for phase 2.
Use of vehicles on existing roads or trails		Use of vehicles on existing access on claims for approx 10 kms.
Upgrading of access roads per program		Brushing of vegetation, minor road bed improvements if necessary for about 10 kms.

**Provenance Gold Corporation  
LQ00471**

**Appendix C  
Proponent Commitments**

- The project proposal indicates that fuel will be stored in bermed areas lined with plastic. The fuel storage area is 800 m from the nearest waterbody.