



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

May 11, 2023

File No. LQ00583

By Email: [ssdiu@sabre.gold](mailto:ssdiu@sabre.gold)

Golden Predator Exploration  
Suite 250-200 Burrard Street  
Vancouver, BC V6E 3L6

Dear Sir/Madam,

**RE: Security – Class 4 Quartz Mining Land Use – Grew Creek**

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This letter is to confirm the security requirement and payment option for the above noted project. As per our correspondence, Golden Predator Exploration shall provide fifty-eight thousand, one hundred fifty-three dollars (**\$58,153.00**) in security to the Chief, Mining Land Use within thirty (30) days of receiving the approval.

In each year to follow, the security requirements will be reviewed and adjusted according to additional activities proposed for the current season. To facilitate this assessment, please ensure that pre-season and post-season reports are provided. Not providing reports may result in additional security being required.

Please also find attached a Class 4 Quartz Mining Land Use Approval (LQ00583) for your review. In relation to security, term(s) 4.2 – 4.6 of the approval state:

4.2 An initial amount of fifty-eight thousand one hundred fifty-three dollars (\$58,153) shall be submitted within thirty (30) days of issuance of this approval (LQ00583), unless otherwise notified by the Chief in writing.

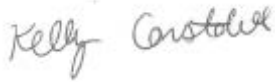
4.3 All activities requiring security identified in the pre- and/or post-season report(s) shall be paid on or before April 30<sup>th</sup> annually.

4.4 Any changes to the security requirement as a result of Section 4.1 of the Quartz Mining Act shall become a term of the approval and the operator shall furnish security within ninety

(90) days of receiving the written notice from the Chief of the requirement to post additional security.

Please contact Shawwna Boone, Mining Lands Officer at 867-536-7366 or by email at [watson.mining@yukon.ca](mailto:watson.mining@yukon.ca) with any questions or concerns you may have. To discuss this letter further please contact me at (867) 456-3822 or by email at [Kelly.Constable@yukon.ca](mailto:Kelly.Constable@yukon.ca).

Sincerely,

A handwritten signature in cursive script that reads "Kelly Constable".

Kelly Constable  
Chief of Mining Land Use

Cc: Shawwna Boone, Mining Lands Officer, Mineral Resources, Energy, Mines & Resources  
Andrea Kenward, Mining Technologist, Mineral Resources, Energy, Mines & Resources



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



May 11, 2023

File No: LQ00583

Golden Predator Exploration  
Suite 250-200 Burrard Street  
Vancouver, BC V6E 3L6

Dear Sir/Madam:

**Re: Class 4 Quartz Mining Land Use Approval – Grew Creek**

Your application for a Class 4 approval has been approved and is subject to the attached conditions. The effective date of this approval will be May 11, 2023. All work, including restoration, must be completed by May 10, 2033, 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, but are not approval conditions.

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 867-667-3190 should you have any questions.

Regards,

Kelly Constable  
Chief of 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 4 approval to:

**Golden Predator Exploration**  
**Suite 250-200 Burrard Street**  
**Vancouver, BC V6E 3L6**

APPROVAL NUMBER: LQ00583  
PROPERTY NAME: Grew Creek  
UNDERTAKING: Quartz  
CLASS: Class 4 Approval  
EFFECTIVE DATE: May 11, 2023  
EXPIRY DATE: May 10, 2033

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.

Dated this May 11, 2023

A handwritten signature in black ink that reads "Kelly Constable".

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Kelly Constable  
Chief of Mining Land Use

**MINING LAND USE  
APPROVAL  
Class 4**

<b>SCOPE OF APPROVAL:</b>				
Claim Status Report (Appendix A)			LQ00583	
Operating Season	April 30 – November 30		666 Claims	
<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: less than 40 t, or within the design tolerances of the road.	On-trails: Less than 20 t, or within the design tolerances of the trail.		
Off-road use of vehicles in summer				<input checked="" type="radio"/> No <input 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 type="radio"/> No <input checked="" type="radio"/> Yes	Length: 30 km	Width: 5 m	
New roads	<input type="radio"/> No <input checked="" type="radio"/> Yes	Length: 15 km	Width: 5 m	
Existing Road (LQ00341a)	<input type="radio"/> No <input checked="" type="radio"/> Yes	Length: 16 km	Width: 5 m	
New trails	<input type="radio"/> No <input checked="" type="radio"/> Yes	Length: 30 km	Width: 5 m	
Existing trails (LQ00341a)	<input type="radio"/> No <input checked="" type="radio"/> Yes	Length: 74 km	Width: 5 m	
New temporary trails	<input checked="" type="radio"/> No <input type="radio"/> Yes	Length: 0 km	Width: 0 m	
Other new access: Grew Creek Ford		Total: 30 Crossings		
<b>LINES &amp; CORRIDORS</b>				
New Lines (water)	<input type="radio"/> No <input checked="" type="radio"/> Yes	Length: 30 km	Width: 1.5 m	
Re-establish existing line	<input type="radio"/> No <input checked="" type="radio"/> Yes	Length: 30 km	Width: 1.5 m	
Corridors	<input type="radio"/> No <input checked="" type="radio"/> Yes	Length: 1.5 km	Width: 0.5 m	
<b>SITE PREPARATION</b>				
Number of clearings per claim: up to 20 Total number of clearings: 350		Total Area: vegetative mat removed: 300 m <sup>2</sup> vegetative mat intact: 300 m <sup>2</sup>		
Number of Heli-pads: 15		Area: 500 m <sup>2</sup> each		
Camp: No Camp				
Removal of the vegetative mat				<input type="radio"/> No <input checked="" type="radio"/> Yes
<b>EXPLORATION TRENCHING &amp; BULK SAMPLING</b>				
Hand-dug				<input type="radio"/> No <input checked="" type="radio"/> Yes
Mechanized				<input type="radio"/> No <input checked="" type="radio"/> Yes
Number: 100	Length: 30 m	Width: 1.5 m	Depth: 2 m	Total volume: 9,000 m <sup>3</sup>
Bulk sampling			<input checked="" type="radio"/> No <input type="radio"/> Yes	Amount/year: 0 tonnes
Explosives		<input checked="" type="radio"/> No <input type="radio"/> Yes	Total amount: 0 kg	Max. in 30 days: 0 kg

**MINING LAND USE  
APPROVAL  
Class 4**

**SCOPE OF APPROVAL:**

Claim Status Report (Appendix A)	LQ00583
Operating Season	April 30 – November 30 666 Claims

**EXPLORATION DRILLING**

TYPE	NUMBER OF HOLES	TOTAL DEPTH (m)
Diamond	100	30,000
Reverse Circulation	250	60,000
Auger	700	35,000

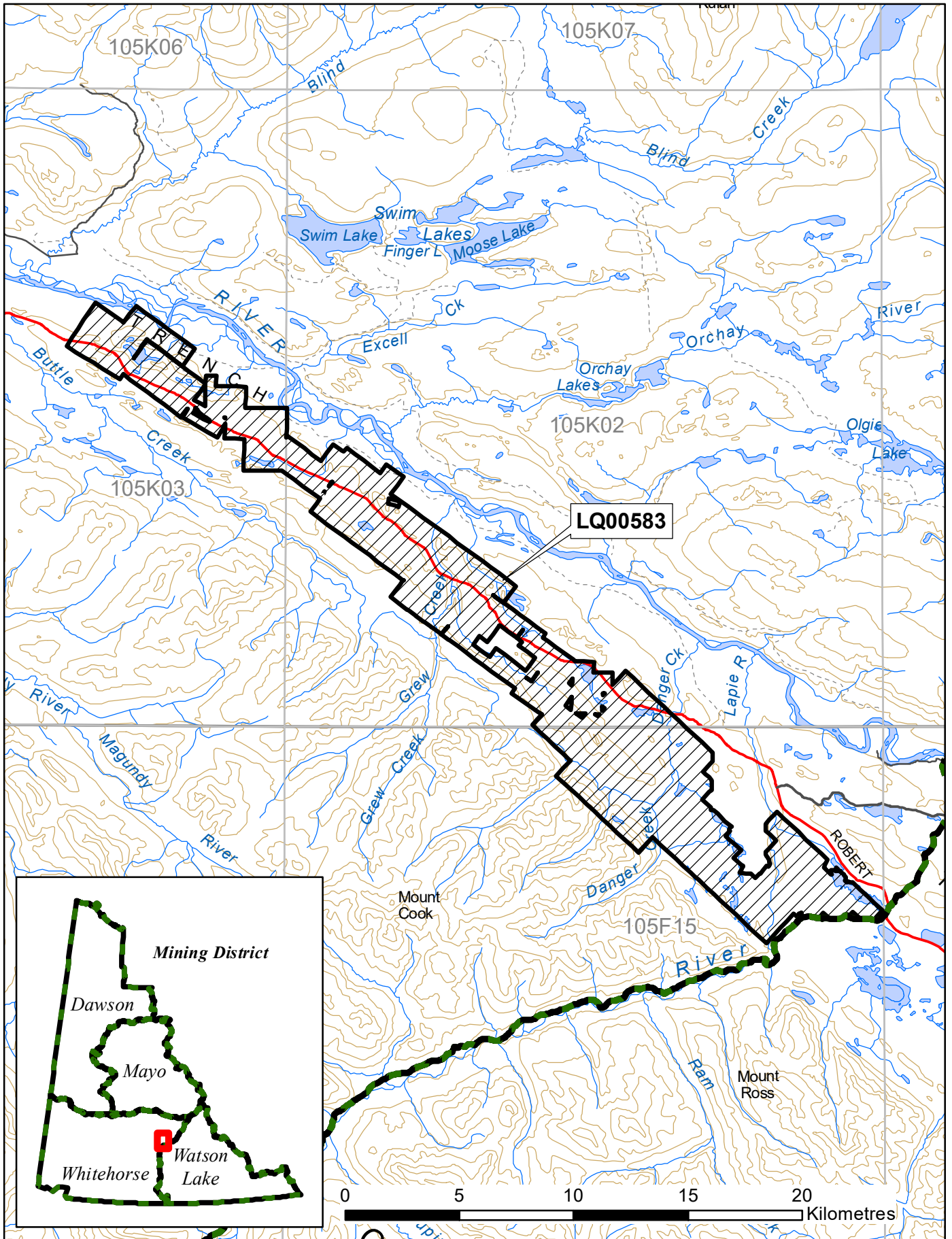
**FUEL STORAGE**

FUEL TYPE	STORAGE TYPE & CAPACITY	TOTAL VOLUME
Propane	Bottles – 100 lb	1,000 lb
Diesel	Drum – 205 L	10,000 L
Gasoline	Drum – 205 L	1,000 L
Oil	Pails – 20 L	500 L

**FACILITIES & STRUCTURES**

Camp structures: NO CAMP	
Number of persons in camp at any one time: 0	Number of person days: 0
Construction of underground structures	<input checked="" type="radio"/> No <input type="radio"/> Yes
Amount per year: 0	Amount per program: 0

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 4**

**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



**MINING LAND USE  
APPROVAL  
Class 4**

**“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**

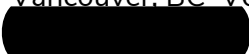

#### **Contact Information**

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  
Room 102 - 300 Main Street  
Whitehorse, YT Y1A 2B5  
[whitehorse.mining@yukon.ca](mailto:whitehorse.mining@yukon.ca)

1.3 The contact for the operator will be:

Sukie Sidhu  
Suite 250-200 Burrard St.  
Vancouver, BC V6E 3L6  
  
[ssidhu@sabre.gold](mailto:ssidhu@sabre.gold) 

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

1.4 A pre-season report shall be submitted no later than March 31<sup>st</sup> outlining the exploration activities planned for the season including the proposed locations.

1.5 A post-season report shall be submitted no later than December 31<sup>st</sup> 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;
- shp files of 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 (including photos); and
- documentation produced by environmental monitors.

“Spatial data (in the form of shapefiles or other GIS compatible file) shall be attributed with the type of feature (e.g. road, trail, drill pad etc.), their width (in metres, for linear features only), ground surface type, date of capture, and method of capture used to delineate new disturbance (e.g. digitized from satellite/aerial imagery, GPS point collection etc.). Spatial data shall be provided in NAD83 or Yukon Albers projection.”

- 1.6 The operator shall contact the Ross River Mining Inspections Office (Compliance, Monitoring and Inspections) at (867) 969-2243 at least 14 days prior to commencing the field season.
- 1.7 The operator shall contact the Ross River Mining Inspections Office (Compliance, Monitoring and Inspections) at (867) 969-2243 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 Ross River Mining Inspections Office (Compliance, Monitoring and Inspections) at (867) 969-2243.
- 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.

### **Wildlife Reporting**

- 1.12 All incidents with wildlife shall be reported to the District Conservation Officer in Ross River at (867) 969-2202.

## **Other Reporting**

1.13 The report(s) developed for Section 2.29, shall be submitted to Government of Yukon – Mining Lands, Mineral Resources Branch and the Heritage Resources Unit, Cultural Services Branch.

## **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:

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

- 2.0 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.

#### **Trenching**

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

#### **Solid Waste**

- 2.3 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*.
- 2.4 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.

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

- 2.5 The operator shall, with indelible marker or paint, clearly identify the owner, the contents and the date on fuel drums to establish and manage ownership and responsibility.
- 2.6 All fuel cache(s) must be protected with an earthen berm or suitable barrier and flagged to prevent spills resulting from accidental contact with heavy equipment. Flags should be visible above the snow pack.
- 2.7 The location of any spills shall be clearly marked until cleanup has taken place. Location markings shall not be removed until directed in writing by an Inspector.

#### **Drilling**

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

- 2.9 The operator shall store core in a manner that will ensure it remains stable and protected from the elements over time, unless proven to not contain sulfidic minerals.

### **Access**

- 2.10 The operator shall restrict all on claim access within the project area, this includes existing as well as newly proposed roads and trails within the project's road and trail network. Access restriction shall occur year-round, including during the licensed hunting season from August 1 to October 31. This can be achieved through the use of signage and/or appropriately positioned gates.

### **Communication**

- 2.11 Each year prior to the commencement of exploration activities, the operator shall communicate plans and timing of activities to affected First Nations and other land and resource users (e.g. Registered Trapline Concession Holders, outfitters, cabin owners) that may be affected by the proposed project at least thirty (30) days prior to each field season, and shall work with these individuals and governments to identify and resolve potential land use conflicts. The operator shall document and provide a report to Chief of Mining Land Use on the company's efforts to engage and meet with First Nations each year.

### **Water**

- 2.12 The operator shall follow DFO's Measures to Protect Fish and Fish Habitat (<https://www.dfo-mpo.gc.ca/pnw-ppe/measure-mesures-eng.html>) and DFO's Interim code of practice: temporary stream crossings (<https://www.dfo-mpo.gc.ca/pnw-ppe/codes/temporary-crossings-traversees-temporaires-eng.html>). If measures cannot be adhered to, the operator shall contact DFO for additional guidance.
- 2.13 Where water is withdrawn from a creek, withdrawal shall not exceed 10% of the creek flow at the time of withdrawal.

### **Invasive Species**

- 2.14 The operator shall conduct routine plant surveys to confirm whether invasive species listed on Yukon Invasive Species Council website are present at the project location. This will help identify if work will be carried out in areas where seeds and plant material can become attached to equipment and tools and then transferred within the Property. Cleaning of equipment and tools shall be carried out when moving from areas where invasive plants are located to other areas. Information on invasive species and how to identify them can be found here: <https://www.yukoninvasives.com/index.php/en/invasive-species/plants>. If invasive species are detected during plant surveys, the operator shall

implement management options to remove and address the spread of invasive species at the project location. The Yukon Invasive Species Council should be contacted for guidance on the removal and disposal of invasive species.

- 2.15 Prior to any ground disturbing activities, the operator shall conduct a survey to determine if Yukon Goldenweed are in the project area. The operator shall report any discovered occurrences of Yukon Goldenweed to the Yukon Conservation Data Centre (YCDC). In areas where Yukon Goldenweed is found exploration activities shall be avoided to the greatest extent possible. If avoidance is not possible, the operator shall coordinate with YCDC to determine appropriate methods to avoid disturbing/destroying Yukon Goldenweed.

## **Wildlife**

- 2.16 The operator shall avoid disturbing or removing lichen within the project area. The operator shall consult with the Regional Biologist to identify and map out lichen-rich habitat.
- 2.17 In the event that lichen is inadvertently disturbed, the lichen mat shall be separately stored and replaced as soon as the exploration activities are completed. The operator will provide the location and photo of the reclaimed area, as well as monitor the effectiveness of the replacement and re-establishment of the lichen and include all this information annually in the post-season report.
- 2.18 Ground-based project activities within 3.5 km of sheep habitat shall occur outside of May 1 – June 15 to reduce impacts to lambs.
- 2.19 The operator shall ensure the Flying in Sheep Country guidelines are adhered to when flying in/near the southeastern claims near the mapped sheep WKAs or at anytime sheep are observed in the project area and/or flight paths. Of particular importance, flights shall be conducted more than 3.5 km from known sheep ranges (i.e. mapped WKAs).
- 2.20 The operator shall conduct fall den surveys within a 2 km radius of planned winter work areas prior to any winter operations. If an active bear or wolverine den is located, the operator shall implement a 1 km no-disturbance buffer for high disturbance activities (drilling, earthworks) and a 300 m buffer for all other activities. The operator shall contact the Liard Regional Biologist for further information on setback distances.
- 2.21 The operator shall conduct pre-activity surveys for the presence of Collared Pika and pika habitat prior to conducting earthworks such as drilling, trenching, and access construction. A buffer established in consultation with the Yukon Conservation Data Centre shall be created around identified pika habitat sites.

- 2.22 The operator shall avoid clearing of big/old growth trees during the roosting period for Little Brown Myotis to the greatest extent possible. If clearing of big/old trees will occur during the roosting period (approximately April through September), the operator shall contact the Government of Yukon - Conservation Data Centre and/or Environment and Climate Change Canada for details on how to recognize roosting trees and avoid effects to this species.
- 2.23 The operator shall contact the Regional Biologist (867-536-3214) to identify the location of mineral licks in the project area. If a mineral lick is identified within the project area, the operator shall maintain a 500 m buffer zone around the mineral lick in which no high impact exploration work shall occur. The operator may conduct low impact exploration activities (i.e., soil sampling, geophysical surveys, geological mapping, and prospecting) and use existing access within the 500 m buffer.
- 2.24 The operator shall employ an environmental monitor or monitors to observe wildlife and wildlife habitat in the project area and surroundings. Where possible environmental monitors from the Ross River Dena Council and/or the Liard First Nation shall be utilized. Key tasks should include, but are not limited to, the following:
- a) Conduct reconnaissance of the project work sites prior to specific work programs to identify:
    - Sensitive site-specific wildlife habitats and migratory routes;
    - Presence of wildlife in the area;
    - Relative densities and distribution of all wildlife in the area; and
      - i. Locations of nests, dens, lodges, and burrows.
    - Conduct field observations by air and on-ground throughout the project duration.
  - b) Document and report wildlife incidents as soon as possible to appropriate authorities.
  - c) Document adaptive management techniques developed and employed to mitigate unforeseen effects to wildlife and wildlife habitat that may occur during the project.
- 2.25 The operator shall provide a copy of the documentation produced by environmental monitors to Yukon Government, the Ross River Dena Council, and the Liard First Nation.

## **Reclamation**

- 2.26 Reclamation and/or decommissioning of roads and trails shall be progressive in nature and shall be documented annually in post-season reporting. Reclamation and/or decommissioning of roads and trails shall occur as soon as roads and trails are no longer needed for exploration activities unless the need is documented in the post- and pre-season reports. The status of roads and trails (i.e. active or inactive) including an attributed GPS track of all newly created roads and trails (i.e. road or trail width and



surface material) and on- going/completed reclamation activities shall be reported to the Chief, Mining Land Use annually via post-season reports.

## **Heritage**

- 2.27 A Heritage Resources Overview Assessment (HROA) shall be completed for the entire project area in advance of ground disturbing activities. Areas with elevated potential for the presence of archaeological or historic sites shall be avoided until such time as a Heritage Resources Impact Assessment (HIRA) can be completed.
- 2.28 Prior to conducting clearing or ground disturbing activities, the operator shall invite the Ross River Dena Council and the Liard First Nation to discuss areas of potential heritage resources and determine how these resources will be protected.
- 2.29 A heritage resources impact assessment (HRIA) shall be completed in advance of ground disturbing activities in areas with elevated potential for the presence of archaeological or historic sites. Prior to conducting the HRIA, the operator shall invite representatives chosen by the Ross River Dena Council and Liard First Nation to participate and provide input into the HRIA. The results of this assessment shall be summarized and shared with the Ross River Dena Council and Liard First Nation.
- 2.30 Areas within the project area with elevated potential for the presence of archaeological or historic sites shall be avoided until such time as a heritage resources impact assessment can be completed.

### **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 The operator is responsible for outstanding reclamation associated with LQ00341 and LQ00341a.
- 3.2 Final reclamation will occur prior to the expiry of the operation, according to standards outlined in the operating conditions for re-establishment of vegetative mat and erosion control.
- 3.3 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 or prior to the expiry of the approval, whichever comes first.
- 3.4 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.
- 3.5 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 The operator must furnish security within thirty (30) days of receiving the written notice from the Chief of the requirement to post security.
- 4.2 An initial amount of fifty-eight thousand one hundred fifty-three dollars (\$58,153) shall be submitted within thirty (30) days of issuance of this approval (LQ00583), unless otherwise notified by the Chief in writing.
- 4.3 All activities requiring security identified in the pre- and/or post-season report(s) shall be paid on or before April 30<sup>th</sup> annually.
- 4.4 Any changes to the security requirement as a result of Section 4.1 of the Quartz Mining Act shall become a term of the approval and the operator shall furnish security within ninety

(90) days of receiving the written notice from the Chief of the requirement to post additional security.

4.5 Security will be retained as per Section 139 of the Quartz Mining Act and section 18 of the Quartz Mining Land Use Regulation.

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

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



## Claim Status Report

09 November 2022

Claim Name and Nbr.	Grant No.	Expiry Date	Registered Owner	% Owned	NTS #'s	Grouping	Permit	Settlement Land
ACS 1 - 11	YD31285 - YD31295	2031/09/13	Golden Predator Mining Corp	100.00	105K02			
CANON 1 - 4	YC08793 - YC08796	2039/12/27	A.M. Carlos	100.00	105K02			
CANON 5 - 6	YC08797 - YC08798	2043/12/27	A.M. Carlos	100.00	105K02			
CANON 7 - 10	YC08939 - YC08942	2038/12/27	A.M. Carlos	100.00	105K02			
CANON 11	YC08943	2039/12/27	A.M. Carlos	100.00	105K02			
CANON 12 - 14	YC08944 - YC08946	2038/12/27	A.M. Carlos	100.00	105K02			
CANON 15 - 24	YC30113 - YC30122	2031/12/27	A.M. Carlos	100.00	105K02			
CANYON 1 - 16	YA75717 - YA75732	2051/12/27	A.M. Carlos	100.00	105K02			
CANYON 17 - 26	YA75733 - YA75742	2049/12/27	A.M. Carlos	100.00	105K02			
CANYON 27 - 32	YA75743 - YA75748	2051/12/27	A.M. Carlos	100.00	105K02			
CANYON 33 - 40	YA75753 - YA75760	2051/12/27	A.M. Carlos	100.00	105K02			
CANYON 41 - 50	YA81160 - YA81169	2051/12/27	A.M. Carlos	100.00	105K02			
CANYON 51 - 52	YA81170 - YA81171	2052/12/27	A.M. Carlos	100.00	105K02			
CANYON 53	YA81172	2049/12/27	A.M. Carlos	100.00	105K02			
CANYON 54 - 56	YA81173 - YA81175	2052/12/27	A.M. Carlos	100.00	105K02			
CANYON 57 - 60	YA81176 - YA81179	2048/12/27	A.M. Carlos	100.00	105K02			
CANYON 61 - 62	YA81180 - YA81181	2047/12/27	A.M. Carlos	100.00	105K02			
CANYON 63 - 66	YA81182 - YA81185	2042/12/27	A.M. Carlos	100.00	105K02			
CANYON 73 - 78	YA81192 - YA81197	2051/12/27	A.M. Carlos	100.00	105K02			
CANYON 79 - 80	YA81198 - YA81199	2052/12/27	A.M. Carlos	100.00	105K02			
CANYON 81	YA81200	2051/12/27	A.M. Carlos	100.00	105K02			
CANYON 82	YA81201	2052/12/27	A.M. Carlos	100.00	105K02			
CANYON 83	YA81202	2051/12/27	A.M. Carlos	100.00	105K02			
CANYON 84	YA81203	2052/12/27	A.M. Carlos	100.00	105K02			

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09 November 2022

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CANYON 85	YA81204	2047/12/27	A.M. Carlos	100.00	105K02			
CANYON 86	YA81205	2048/12/27	A.M. Carlos	100.00	105K02			
CANYON 87	YA81206	2047/12/27	A.M. Carlos	100.00	105K02			
CANYON 88	YA81207	2048/12/27	A.M. Carlos	100.00	105K02			
CANYON 89	YA81208	2041/12/27	A.M. Carlos	100.00	105K02			
CANYON 90	YA81209	2047/12/27	A.M. Carlos	100.00	105K02			
CANYON 91	YA81210	2041/12/27	A.M. Carlos	100.00	105K02			
CANYON 92	YA81211	2042/12/27	A.M. Carlos	100.00	105K02			
CANYON 93	YA81212	2040/12/27	A.M. Carlos	100.00	105K02			
CANYON 94	YA81213	2041/12/27	A.M. Carlos	100.00	105K02			
CANYON 293 - 300	YA85398 - YA85405	2046/12/27	A.M. Carlos	100.00	105K02			
DOZER 1 - 14	YC18135 - YC18148	2028/12/27	A.M. Carlos	100.00	105K03			
GCX 1 - 2	YD73177 - YD73178	2028/05/03	Golden Predator Mining Corp	100.00	105K02			
GCX 3 - 48	YD80003 - YD80048	2028/05/03	Golden Predator Mining Corp	100.00	105K02, 105F15			
GCX 49	YD80049	2027/05/03	Golden Predator Mining Corp	100.00	105F15			
GCX 50	YD80050	2028/05/03	Golden Predator Mining Corp	100.00	105F15			
GCX 51	YD80051	2027/05/03	Golden Predator Mining Corp	100.00	105F15			
GCX 52	YD80052	2028/05/03	Golden Predator Mining Corp	100.00	105F15			
GCX 53	YD80053	2027/05/03	Golden Predator Mining Corp	100.00	105F15			
GCX 54	YD80054	2028/05/03	Golden Predator Mining Corp	100.00	105F15			
GCX 55	YD80055	2027/05/03	Golden Predator Mining Corp	100.00	105F15			
GCX 56	YD80056	2028/05/03	Golden Predator Mining Corp	100.00	105F15			
GCX 57 - 71	YD80057 - YD80071	2027/05/03	Golden Predator Mining Corp	100.00	105F15			
GCX 72 - 82	YD80072 - YD80082	2028/05/03	Golden Predator Mining Corp	100.00	105F15			

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GCX 83	YD80083	2027/05/03	Golden Predator Mining Corp	100.00	105F15			
GCX 84	YD80084	2028/05/03	Golden Predator Mining Corp	100.00	105F15			
GCX 85	YD80085	2027/05/03	Golden Predator Mining Corp	100.00	105F15			
GCX 86	YD80086	2028/05/03	Golden Predator Mining Corp	100.00	105F15			
GCX 87	YD80087	2027/05/03	Golden Predator Mining Corp	100.00	105F15			
GCX 88	YD80088	2028/05/03	Golden Predator Mining Corp	100.00	105F15			
GCX 89	YD80089	2027/05/03	Golden Predator Mining Corp	100.00	105F15			
GCX 90	YD80090	2028/05/03	Golden Predator Mining Corp	100.00	105F15			
GCX 91 - 95	YD80091 - YD80095	2027/05/03	Golden Predator Mining Corp	100.00	105F15			
GCX 96 - 105	YD80096 - YD80105	2028/05/03	Golden Predator Mining Corp	100.00	105K02, 105F15			
GCX 106	YD80106	2027/05/03	Golden Predator Mining Corp	100.00	105K02			
GCX 107	YD80107	2028/05/03	Golden Predator Mining Corp	100.00	105K02			
GCX 108	YD80108	2027/05/03	Golden Predator Mining Corp	100.00	105K02			
GCX 109	YD80109	2028/05/03	Golden Predator Mining Corp	100.00	105K02			
GCX 110	YD80110	2027/05/03	Golden Predator Mining Corp	100.00	105K02			
GCX 111	YD80111	2028/05/03	Golden Predator Mining Corp	100.00	105K02			
GCX 112	YD80112	2027/05/03	Golden Predator Mining Corp	100.00	105K02			
GCX 113	YD80113	2028/05/03	Golden Predator Mining Corp	100.00	105F15			
GCX 114	YD80114	2027/05/03	Golden Predator Mining Corp	100.00	105F15			
GCX 115	YD80115	2028/05/03	Golden Predator Mining Corp	100.00	105F15			
GCX 116	YD80116	2027/05/03	Golden Predator Mining Corp	100.00	105F15			
GCX 117	YD80117	2028/05/03	Golden Predator Mining Corp	100.00	105F15			
GCX 118	YD80118	2027/05/03	Golden Predator Mining Corp	100.00	105F15			
GCX 119	YD80119	2028/05/03	Golden Predator Mining Corp	100.00	105F15			

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GCX 120 - 142	YD80120 - YD80142	2027/05/03	Golden Predator Mining Corp	100.00	105K02, 105F15			
GCX 143	YD80143	2028/05/03	Golden Predator Mining Corp	100.00	105F15			
GCX 144 - 177	YD80144 - YD80177	2027/05/03	Golden Predator Mining Corp	100.00	105F15			
GCX 178 - 179	YD80178 - YD80179	2028/05/03	Golden Predator Mining Corp	100.00	105F15			
GCX 180 - 213	YD80180 - YD80213	2027/05/03	Golden Predator Mining Corp	100.00	105F15			
GCX 214 - 217	YD80214 - YD80217	2028/05/03	Golden Predator Mining Corp	100.00	105F15			
GCX 218 - 293	YD80218 - YD80293	2027/05/03	Golden Predator Mining Corp	100.00	105F15			
GCX 294	YD80294	2028/05/03	Golden Predator Mining Corp	100.00	105F15			
GRAND 91	YA85326	2039/12/27	A.M. Carlos	100.00	105K02			
GRAND 92	YA85327	2040/12/27	A.M. Carlos	100.00	105K02			
GRAND 93 - 98	YA85328 - YA85333	2043/12/27	A.M. Carlos	100.00	105K02			
GRAND 141	YA85376	2040/12/27	A.M. Carlos	100.00	105K02			
GRAND 142	YA85377	2039/12/27	A.M. Carlos	100.00	105K02			
GRAND 143 - 148	YA85378 - YA85383	2043/12/27	A.M. Carlos	100.00	105K02			
GRAND 159	YA85394	2039/12/27	A.M. Carlos	100.00	105K02			
GRAND 160 - 162	YA85395 - YA85397	2043/12/27	A.M. Carlos	100.00	105K02			
KAOLIN 1 - 3	YC18762 - YC18764	2032/12/27	A.M. Carlos	100.00	105K03			
KAOLIN 4 - 10	YC19300 - YC19306	2031/12/27	A.M. Carlos	100.00	105K03			
KAOLIN 11 - 12	YC19374 - YC19375	2031/12/27	A.M. Carlos	100.00	105K03			
MAVERICK 1 - 12	YC19362 - YC19373	2037/12/27	A.M. Carlos	100.00	105K02			
MAVERICK 13 - 14	YC26055 - YC26056	2033/12/27	A.M. Carlos	100.00	105K02			
MAVERICK 15 - 16	YC26057 - YC26058	2032/12/27	A.M. Carlos	100.00	105K02			
MAVERICK 17 - 20	YC26059 - YC26062	2034/12/27	A.M. Carlos	100.00	105K02			
MAVERICK 21 - 22	YC26063 - YC26064	2033/12/27	A.M. Carlos	100.00	105K02			

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MAVERICK 23	YC26065	2034/12/27	A.M. Carlos	100.00	105K02			
MAVERICK 24	YC26066	2033/12/27	A.M. Carlos	100.00	105K02			
MAVERICK 25 - 26	YC26067 - YC26068	2034/12/27	A.M. Carlos	100.00	105K02			
MAVERICK 27 - 29	YC26069 - YC26071	2033/12/27	A.M. Carlos	100.00	105K02			
MAVERICK 30 - 32	YC26072 - YC26074	2034/12/27	A.M. Carlos	100.00	105K02			
MAVERICK 33 - 36	YC26075 - YC26078	2033/12/27	A.M. Carlos	100.00	105K02			
MAVERICK 37	YC30101	2031/12/27	A.M. Carlos	100.00	105K02			
MAVERICK 38	YC30102	2032/12/27	A.M. Carlos	100.00	105K02			
MAVERICK 39	YC30103	2031/12/27	A.M. Carlos	100.00	105K02			
MAVERICK 40	YC30104	2032/12/27	A.M. Carlos	100.00	105K02			
MAVERICK 41	YC30105	2031/12/27	A.M. Carlos	100.00	105K02			
MAVERICK 42	YC30106	2032/12/27	A.M. Carlos	100.00	105K02			
MAVERICK 43 - 48	YC30107 - YC30112	2031/12/27	A.M. Carlos	100.00	105K02, 105K03			
RAIL 51 - 54	YC37856 - YC37859	2033/12/27	A.M. Carlos	100.00	105K02			
RAIL 56	YC37861	2033/12/27	A.M. Carlos	100.00	105K02			
RAIL 58	YC37863	2033/12/27	A.M. Carlos	100.00	105K02			
RAIL 61 - 70	YC37866 - YC37875	2033/12/27	A.M. Carlos	100.00	105K02			
RAIL 73 - 74	YC37878 - YC37879	2033/12/27	A.M. Carlos	100.00	105K02			
RAIL 75 - 115	YC37880 - YC37920	2029/12/27	A.M. Carlos	100.00	105K03			
SLEEPER 1 - 10	YC29987 - YC29996	2030/12/27	A.M. Carlos	100.00	105F15			
SLEEPER 11 - 24	YC53920 - YC53933	2026/12/27	A.M. Carlos	100.00	105F15			
TINTINA 1 - 53	YC94562 - YC94614	2028/12/27	A.M. Carlos	100.00	105K03			

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# Claim Status Report

09 November 2022

Claim Name and Nbr.	Grant No.	Expiry Date	Registered Owner	% Owned	NTS #'s	Grouping	Permit	Settlement Land
TINTINA 54	YC94615	2027/12/27	A.M. Carlos	100.00	105K03			

**Criteria(s) used for search:**

CLAIM DISTRICT: WHITEHORSE CLAIM STATUS: ACTIVE & PENDING DOCUMENT NUMBER: LQ00583  
REGULATION TYPE: QUARTZ

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## **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**

#### **Access**

- The trails, if satisfactory in length, will be dog-legged to interrupt sightlines
- Clearing, widening, grading, erosion control
- Erosion and sedimentation measure put in place (e.g. drainage ditches/culverts, ditch blocks, riprap, woven brush wattles, berms, rock drains, cross ditches, geotextile fences)
- Areas of permafrost will be avoided where possible; where not possible:
- low ground pressure vehicles will be used to construct access routes in these areas to limit disturbance to the vegetative mat
- construction restricted to winter months as much as possible
- Riprap and fill material will be visually inspected for sulphide mineralization (e.g. pyrite) by qualified personal (geologist); if unable to visually confirm the absence of sulphide minerals, rock samples will be collected for analysis to determine ML/ARD potential according to Mine Environment Neutral Drainage criteria
- All personnel must adhere to the speed limits (25 km/hr max.) on the property and reduce speed in adverse weather conditions to minimize the potential for wildlife mortality.
- When wildlife is visible while driving a vehicle, reduce speed and minimize disturbance to wildlife.
- Wait for wildlife to move off the road.
- Snow berms along project roads and trails will be maintained at low heights where required for sight lines; snow berms along all project roads will be maintained at height(s) of less than 1.0 m and/or have periodic breaks to provide an escape break.
- If wildlife is within 100 m of the road, stop as far back as possible, turn off ignition, alert other drivers, wait until animal has crossed the moved beyond 100 m of the road, then proceed with caution.
- Line cutting for geophysical surveys and corridors for water lines
- Vegetative mat left intact; cut brush and trees scattered alongside cut lines

#### **Helicopter Use**

- Used intermittently to support drilling and for airborne geophysical surveys
- Staged and fueled in Faro or Ross River
- If helicopter support is necessary, flight altitudes greater than 600 meters will be maintained wherever possible to minimize noise and impacts to caribou and other wildlife, especially during rutting, calving and post calving seasons.
- Avoid helicopter flights over areas where caribou are concentrated on their winter range or during the fall rut where conditions permit.
- Pilots will follow the Flying in Caribou Country guidelines when safe to do so and adhere to the following vertical flight altitudes:
- Maintain vertical flight altitudes  $\geq 300$  m above ground level throughout the year;

- Maintain vertical flight altitudes  $\geq 600$  m above ground level during calving and post-calving (15 May to 15 July) and rut (15 September to 15 October).
- When caribou are observed, flight routes will be modified to maximize the vertical and horizontal separation distance between the aircraft and the animals. Whenever possible, a minimum 1 000 m horizontal distance from caribou will be maintained, especially during seasonally sensitive time periods.

### **Fording**

- Use of one existing ford on Grew Creek during low flow or winter by various equipment
- Crossings:
  - once a day (there and back); heavy equipment will enter creek once a season
  - maximum of 30 crossings for the life of the program
- All equipment (light duty vehicles) will be clean and free of hydrocarbons and invasive species prior to accessing the ford
- The Proponent will not skid or drag anything across a ford.
- The ford will not be used if the water depth is greater than the axle height of the vehicle.
- The Proponent will not manipulate material in the wetted portion of the watercourse while fording the watercourse.
- All vehicles and fuel tanks will be inspected for leaks and residual hydrocarbons prior to crossing; if any hydrocarbons and/or leaks are identified, they will not be able to cross until they are leak and hydrocarbon free.

### **Clearings** (access, heli-pads, drill pads, trenching)

- Large timber stockpiled and set aside
- Non-merchantable timber/woody debris limbed, bucked, dispersed, possibly burned
- Brush windrowed to the side for reclamation
- Vegetative mat and organic soils windrowed to the side for reclamation
- $>30$  m from waterbodies

### **Drilling**

- Drill fluids directed to a natural sump or if not available, a sump will be constructed (approximately 4 m x 3 m x 2 m)
- Drill holes and sumps  $>30$  m from the ordinary highwater mark of watercourses
- Drill holes will be stemmed and plugged with a concrete cap and marked
- Drill pads and sumps (once drained) will be reclaimed immediately after drilling at the site by backfilling the sump and re-contouring the drill site to natural slopes and replacing vegetative mat
- Biological inert and biodegradable drilling muds and additives used for drilling
- Core logging may occur on-site; palletized drill core will be stored on-site in a stable fashion

### **Water use**

- Up to 100 m<sup>3</sup>/day for drilling
- Source: trucked from Faro or pumped from a local creek
- Fish screens on pump intakes

- Water flow downstream of any water intake or extraction points will be monitored to ensure there is sufficient flow to avoid alteration, disruption, or destruction of fish habitat
- All pumps will be housed in a secondary containment structure

### **Trenching**

- Constructed to parallel slopes where possible; sloped at ends to allow egress
- Vegetative mat removed and stored separately from overburden and bedrock for reclamation
- Reclaimed once mapping, sampling, and interpretation of results is complete
- Trenches and stockpiles >30 m from watercourses

### **Waste Management**

- Waste gathered daily and stored in wildlife-proof containers, that will be removed from the site as it is generated and disposed of at the Faro Waste Facility
- Waste petroleum and other special waste disposed of by qualified company
- Negative interactions with wildlife will be reported to the Conservation Officer in Faro
- Pit privies on-site

### **Fuel Storage**

- Diesel and gasoline contained in tidy tanks, jerry cans, and 205 L heavy walled drums in a geotextile lined berm with 100% capacity
- Fuel storage area examined daily
- Storage 100 m away from nearest watercourse
- For winter activities, snow and ice removed from drums, clear access path maintained, and area clearly flagged
- Mobile fuel containers at drill sites and for fueling heavy equipment (tidy tanks, drums)
- Refueling >50 m from any watercourse
- Spill Response Plan in place and located at fuel storage and handling locations
- Spill kits located at fuel berm, any location there is a drum (e.g. drill pad), and in all vehicles and heavy equipment

### **Heavy Equipment and Vehicle Use**

- All vehicles and equipment routinely inspected for leaks and kept in good working condition

### **Progressive Reclamation**

- Legacy works will be reclaimed in spring/summer 2022 (weather dependent)
- Upon drilling completion, drill holes, sumps, and sites reclaimed
- All vegetative areas disturbed by exploration activities, including fuel and waste storage areas, clearing, corridors, temporary trails, and trenches and drill sites will be left in a condition conducive to re-vegetation by native plant species
- Re-seeding with approved, non-invasive species in the fall, if required
- Reclamation monitoring throughout duration of Approval and presented in the post-season report
- Access routes deactivated when no longer needed



## **Heritage Resources**

- A heritage resource overview assessment shall be complete for the project footprint. The results of the assessment shall be summarized and shared with RRDC and LFN.
- A heritage resources impact assessment will be completed in advance of ground disturbing activities in areas with elevated potential for the presence of archaeological or historic sites. The Proponent will invite representatives chosen by RRDC and LFN to participate and provide input into the heritage resource assessment. The results of the assessment will be summarized and shared with RRDC and the LFN.
- Before clearing or ground disturbing activities, the Proponent will invite RRDC and LFN to discuss areas of potential heritage resources and determine how these resources will be protected.
- If any heritage resources are discovered, the Heritage Department of the RRDC and LFN and the YG's Heritage Branch will be notified. No further activities may be carried out within 30 m of the site until the Chief indicates, in writing that activities may be resumed.
- The Proponent will follow and adhere to the Mineral Exploration Best Management Practices for Heritage Resources and Best Management Practices for Burial Sites and Human Remains in Yukon.
- If any heritage resources are discovered, the Heritage Department of the RRDC and LFN and the YG's Heritage Branch will be notified. No further activities may be carried out within 30 m of the site until the Chief indicates, in writing that activities may be resumed.
- The Proponent will follow and adhere to the Mineral Exploration Best Management Practices for Heritage Resources and Best Management Practices for Burial Sites and Human Remains in Yukon.

## **Permafrost**

- Locations of permafrost will be documented and included in the post-season report.
- Road and trail construction will be planned to avoid areas of permafrost, or high levels of ground ice, to the extent reasonably possible.
- Low ground pressure vehicles will be used to develop access routes in these areas in a manner that limits disturbance of the protective vegetative mat.
- Cleared vegetation will be used as an insulating brush layer in sensitive areas to provide further protection to the frozen ground layer.
- If rutting, gouging, ponding, or permafrost degradation occurs of the road or trail, vehicle use will be suspended or relocated to ground that can bear the weight of the vehicle without causing such damage.
- Road routes through permafrost or ground ice zones will target south facing slopes, well drained areas such as ridge lines, and areas where bedrock is close to surface.
- Roadways will be developed with ample capacity in upslope ditches to capture and direct meltwater and fines released by the ice melt

## **Erosion and Sedimentation**

- Erosion and sedimentation measures will be in place as described in the Project Proposal

## **Wildlife**

- If species of interest (included on the Proponent's list<sup>9</sup>, but not limited to, ungulates, bears, wolverine, furbearers, Peregrine Falcon, game birds, eagles, Collared Pika, Hoary Marmot) are encountered in the work area, cease work in the vicinity and consult the Site Supervisor. Work can resume once the animal is no longer visible from the work area. Do not encourage the animal to leave the area. Report your sighting to onsite environmental staff and have it recorded in the wildlife log.

## **Land Users**

- Golden Predator (GP) recognizes the importance of communication with the affected First Nations, Traditional Land Users, Trappers, Outfitters and Tourism Operators in the area. GP proposes to communicate plans and timing of activities to the affected First Nation and other land and resource users that may be affected by the proposed project at least thirty (30) days prior to each field season, and make efforts to work with these individuals and governments to identify and resolve potential land use conflicts and any potential negative effects on the users. GP will also provide a summary of the engagement with the affected First Nation and other land resource users in the post-season report.
- Upcoming exploration plans will be communicated to the placer operators.
- Collaboration with other operators in the area regarding the use of access routes and project planning will be employed to help coordinate possible synergies and reduce the likelihood of conflicts.

## **Community Wellness**

- Employees to be informed at the time of hiring that they are representing the GP brand and any ill representation such as bullying or harassing of people in the communities will not be tolerated and may result in employment termination.
- GP to reach out to the Town of Faro and Faro RCMP and have them inform GP of any incidences which may have transpired with employees.
- GP will ensure important policies are presented over and over. As well, GP to request the employees to disclose any issues with the community so they may be proactively dealt with.
- GP has a zero tolerance towards workplace harassment and violence on site and towards substance use and abuse for employees at the project location

## **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 (<https://www.yukonminers.org/index.php/all-docs/guidebooks/3-yukon-mineral-and-coal-exploration-best-management-practices-and-regulatory-guide/file>).

### **Bears and other wildlife**

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 (<https://yukon.ca/sites/yukon.ca/files/env/env-guidelines-industrial-activity-bear-country.pdf>).
- If an electric fence is an appropriate precaution, or a requirement, the operator should reference the following comprehensive and highly informative guide: Reducing Wildlife Conflict with Electric Fencing: A Beginner's Guide ([https://yukon.ca/sites/yukon.ca/files/env/env-electric-fencing\\_en.pdf](https://yukon.ca/sites/yukon.ca/files/env/env-electric-fencing_en.pdf)).

### **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" (<https://www.yukoninvasives.com/index.php/en/resources/brochures/31-why-should-i-care-about-invasive-species/file>).

### **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 (<https://yukon.ca/en/yukon-mineral-exploration-best-management-practices-heritage-resources>).
- Guidelines Respecting Discovery of Human Remains and First Nation Burial Sites in Yukon (<https://yukon.ca/en/guidelines-respecting-discovery-human-remains-and-first-nation-burial-sites-yukon>).

**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 (<https://yukon.ca/sites/yukon.ca/files/env/env-preferred-practices-works-affecting-yukon-waters.pdf>).

**Aircraft use**

Project activities are authorized in an area known to be inhabited by sheep and/or caribou. The operator and/or aircraft pilots should plan flight paths and protocols based on the published guideline(s):

- Flying in Sheep Country: How to Minimize Disturbance from Aircraft (<https://yukon.ca/sites/yukon.ca/files/env/env-flying-sheep-country.pdf>).
- Flying in Caribou Country: How to Minimize Disturbance from Aircraft (<https://yukon.ca/sites/yukon.ca/files/env/env-flying-caribou-country.pdf>).