



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



February 7, 2020

File No: LQ00520

Overland Resources Yukon Limited
Suite 5, Level 1, 12-20 Railway Rd.
Subiaco, Western Australia
6008

Dear Sir/Madam:

Re: Class 3 Quartz Mining Land Use Approval

Your application for a Class 3 Approval has been approved and is subject to the attached conditions. The effective date of this approval will be February 7, 2020. All work, including restoration, must be completed by February 6, 2030, and inspected before completion certificates can be applied for.

Mineral Resources will require a Wildlife Management Plan, and a Flight Plan to be submitted and approved prior to the commencement of work, as prescribed in term and condition 2.14 and 2.24.

- 2.14 The operator shall submit a Wildlife Management Plan for review and approval to the Chief within thirty days (30) from issuance of the approval. The operator may not proceed with this work until such approval is granted. The Chief may add any terms and conditions to the Wildlife Management Plan he/she feels necessary.
- 2.24 The operator shall develop a detailed flight plan, in conjunction with the Liard Regional Biologist (867-536-3214), to reduce disturbance to ungulates. This plan shall include, but is not limited to, establishing an appropriate horizontal buffer around all sheep Wildlife Key Areas (WKA), when safe to do so, specifically around winter range WKA 1767, 1768, and 5379 from February 1 - May 1 (except during take off and landing). The plan shall be updated each year to

include updated wildlife survey data. This plan is to be submitted to the Chief for review and approval, 30 days prior to the commencement of work.

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 your pre-season report is submitted no later than March 31st and post-season reports no later than Dec 31st annually. 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) 996-2256 should you have any questions.

Regards,

A handwritten signature in black ink, appearing to read 'RM2', is written over the typed name.

Bobbie Milnes
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 3 approval to:

Overland Resources Yukon Limited
Suite 5, Level 1, 12-20 Railway Rd.
Subiaco, Western Australia
6008

APPROVAL NUMBER: LQ00520
PROPERTY NAME: Yukon Base Metal Project
UNDERTAKING: Quartz
CLASS: Class 3 Approval
EFFECTIVE DATE: February 7, 2020
EXPIRY DATE: February 6, 2030

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 LQ00520.

Dated this February 7, 2020



Bobbie Milnes
Chief of Mining Land Use

**MINING LAND USE
APPROVAL
Class 3**

SCOPE OF APPROVAL:			
Claim Status Report (Appendix A)		LQ00520	
Operating Season	May 1 – April 30	Yukon Base Metal Project	
PROJECT ACTIVITIES (ON-CLAIM):			
USE OF VEHICLES/EQUIPMENT			
Use of vehicles on existing roads or trails			<input type="radio"/> No <input checked="" type="radio"/> Yes
Gross vehicle weight	On-roads: More than 40 t	On-trails: Less than 20 t	
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
NEW & EXISTING ACCESS			
Upgrading of existing access	<input checked="" type="radio"/> No <input type="radio"/> Yes	Length: 0 km	Width: 0 m
New roads	<input checked="" type="radio"/> No <input type="radio"/> Yes	Length: 0 km	Width: 0 m
New trails	<input checked="" type="radio"/> No <input type="radio"/> Yes	Length: 0 km	Width: 0 m
New temporary trails	<input type="radio"/> No <input checked="" type="radio"/> Yes	Length: 20 km	Width: 4 m
Other new access: Helicopter, fixed wing aircraft			
LINES & CORRIDORS			
Lines	<input checked="" type="radio"/> No <input type="radio"/> Yes	Length: 0 km	Width: 0 m
Corridors	<input checked="" type="radio"/> No <input type="radio"/> Yes	Length: 0 km	Width: 0 m
SITE PREPARATION			
Number of clearings per claim: 4	Area: 140 m ² veg mat removed Area: 560 m ² veg mat intact		
Number of clearings for helicopter pads and camps: 15	Area: 15 m ² /pad		
Removal of the vegetative mat			<input type="radio"/> No <input checked="" type="radio"/> Yes
EXPLORATION TRENCHING & BULK SAMPLING			
Hand-dug			<input checked="" type="radio"/> No <input type="radio"/> Yes
Mechanized			<input checked="" type="radio"/> No <input type="radio"/> Yes
Number: 0	Length: 0 m	Width: 0 m	Depth: 0 m
Bulk sampling		<input checked="" type="radio"/> No <input type="radio"/> Yes	Total volume: 0 m ³
Explosives		<input checked="" type="radio"/> No <input type="radio"/> Yes	Amount/year: 0 tonnes
		Total amount: 0 kg	Max. in 30 days: 0 kg
EXPLORATION DRILLING			
TYPE	NUMBER OF HOLES	DEPTH (m)	
Reverse Circulation	50	5,000	
Diamond	30	10,000	

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FUEL STORAGE		
FUEL TYPE	STORAGE TYPE & CAPACITY	TOTAL VOLUME
Diesel	Arctic Guard 76,000 L	76,000 L
Jet B	Arctic Guard 38,000 L	38,000 L
Gasoline	Drums 200 L	2,000 L
Propane	Cylinders 100 lbs	1,000 L
FACILITIES & STRUCTURES		
Camp structures: 3, 14'x16' ply wood huts; 12, 14'x16' tent floors; 2, 16'x40' tent floors		
Number of persons in camp at any one time: 50		Number of person days: 1,800
Construction of underground structures		● No ○ Yes

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.

Project Activities:

- Use of heavy equipment
- Exploration, geophysical, geochemical and geotechnical sampling, geological mapping and prospecting
- Environmental monitoring and data collection; heritage and socio-economic data collection
- Use of existing camp (max 50 people)
- Use of existing winter trail annually from Feb to Apr (weather dependent)
- Construct new temporary trails (up to 20 km, 4 m wide); use of existing trails on and off claims
- Clearings: up to 4 per claim (5 m² each if vegetative mat removed; 20 m² if trees/brush removed); up to 15
- helipads (15 m² each)
- Drilling: up to 50 reverse circulation holes (total 5 000 m) and up to 30 diamond holes (total 10 000 m)
- Helicopter use
- Use of existing airstrip and use of fixed wing aircraft
- Water Use: (approx. <3 m³/day for camp activities and <5 m³/day for drilling activities)
- Waste management
- Fuel storage (120 000L): 76 000 L diesel; 38 000 L Jet B; 2 000 L gasoline; 1 000 lbs. propane
- Progressive and final reclamation

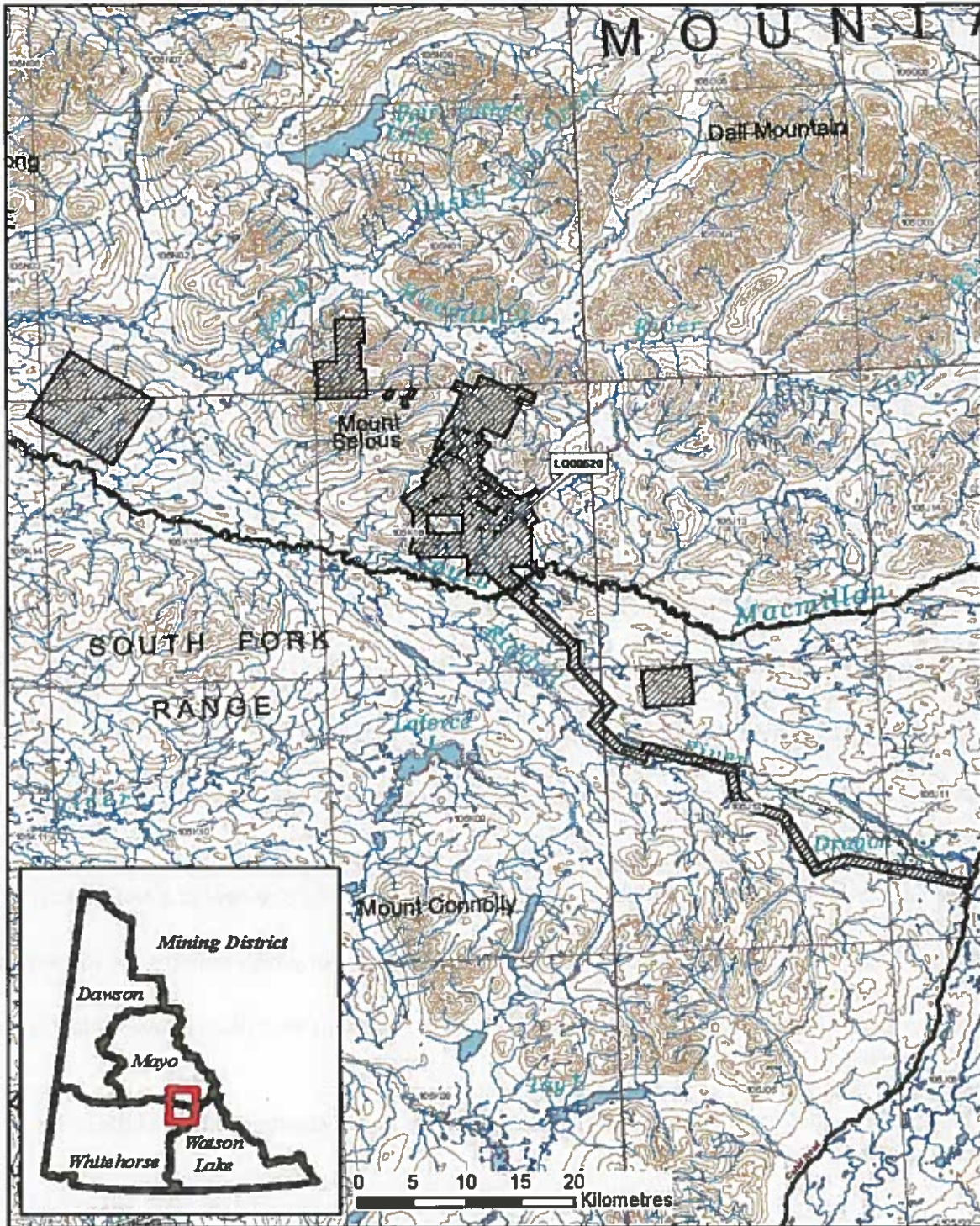
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- *Plowing, and other maintenance activities of the North Canol Road in winter are not included in the 2018-0206 YESAB assessment as the Proponent has indicated that the use of the North Canol Road is not covered under the scope of the Mining Land Use Application.

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LQ00520

Yukon Base Metal Project
Overland Resources Yukon Limited



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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 evidence 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

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

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

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

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

PART ONE – GENERAL REQUIREMENTS

Duration of Approval

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

Compliance with Operating Conditions

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

Reporting Requirements

Contact Information

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

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

Mining Lands Officer
Box 10, K-MA
Mayo, YT Y0B 1G0
mayo.mining@gov.yk.ca

- 1.3 The contact for the operator will be:
Overland Resources Yukon Limited
Suite 5, Level 1, 12-20 Railway Rd.
Subiaco, Western Australia
6008
CEO: Ben Vallerine
bvallerine@renegadeexploration.com

Pre-season and Post-season Reporting

- 1.4 A pre-season report shall be submitted no later than March 31st 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 31st indicating exploration activities completed during that season. This report shall include but is not limited to:
- detailed mapping of all areas worked;
 - location of new construction;
 - new areas of disturbance;
 - map data, in the form of SHP files or GIS compatible, of all new roads and trails;
 - map data, in the form of SHP files or GIS compatible, of all reclaimed roads and trails;
 - areas of permafrost encountered;
 - total disturbed area;
 - list of chemicals and petroleum products used and quantities;
 - pre-activity survey results, if applicable;
 - reclamation activities;
 - documentation produced by environmental monitors; and
 - a wildlife log including but not limited to, time, date, location, and activity of all wildlife observed
- 1.6 The operator shall document non-project users within the project area during the operating season. The information obtained, including the type of use (activity), duration of use, and number of users shall be submitted to the Chief in the post-season report.
- 1.7 The operator shall contact the Watson Lake Mining Inspections Office (Compliance, Monitoring and Inspections) at (867) 536-7335 at least 14 days prior to commencing the field season.
- 1.8 The operator shall contact the Watson Lake Mining Inspections Office (Compliance, Monitoring and Inspections) at (867) 536-7335 at least 14 days prior to leaving the site at the end of the operation.

Spill Reporting

- 1.9 All spills must be reported immediately to the 24-Hour Yukon Spill Reporting Line (867) 667-7244 and to the Tintina Mining Inspections Office (Compliance, Monitoring and Inspections) at (867) 536-7335.
- 1.10 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

- 1.11 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.
- 1.12 All archaeological resources uncovered during operations shall be reported to the Yukon Archaeology Program, Government of Yukon in Whitehorse at (867) 667-3771 or (867) 667-5386 and the Chief.
- 1.13 The report(s) developed for Section(s) 2.65 – 2.66, shall be submitted to Government of Yukon – Heritage Resources Unit, Cultural Services Branch.

Wildlife Reporting

- 1.14 All incidents with wildlife shall be reported to the District Conservation Officer in Watson Lake (Liard Region) at (867) 536-3210.

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 shall 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.
- 2.8 The Proponent shall ensure adequate spill kits are available at the fuel storage area and refueling site or the pick-up truck used for refueling.
- 2.9 The Proponent shall ensure that no fuel storage or re-fueling of equipment occurs within 30 m of a water body
- 2.10 When the site is active, the operator shall examine all fuel storage tanks and containers for leaks.
- 2.11 All parked vehicles and/or equipment shall have absorbent pads or /drip trays under them in a manor to catch any hydrocarbon or hazardous material leaks.
- 2.12 The operator shall as soon as practicable, repair or store vehicles and/or equipment that have hydrocarbon or hazardous material leaks in a manner that prevent leaks from contaminating soil or water.

Drilling

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

Wildlife

- 2.14 The operator shall submit a Wildlife Management Plan for review and approval to the Chief within thirty days (30) from issuance of the approval. The operator may not proceed with this work until such approval is granted. The Chief may add any terms and conditions to the Wildlife Management Plan he/she feels necessary.
- 2.15 The operator shall avoid activities in the alpine and subalpine claims that overlap WKA 5258 during the spring lambing period from May 1st - June 15th.

- 2.16 The operator shall avoid activities in the alpine and subalpine claims that overlap WKA 5379 during the rutting period from November 1st - December 15th and during winter use from February 1st - April 30th.
- 2.17 The operator shall cease work when caribou are observed on active claim blocks during the rut (September 15th -October 15th), until the animals move off on their own accord.
- 2.18 The operator shall record all observations of caribou, including time, date, location, and activities being performed, and supply this information to the Liard Regional Biologist, affected First Nations, and Chief, annually. This will help inform on caribou use of the area.
- 2.19 The proponent shall maintain, and submit annually, to the Chief and affected First Nations, and as part of the post season report, a wildlife log including but not limited to, time, date, location, and activity of all wildlife observed.
- 2.20 Project activities that involve the use and operation of heavy equipment shall cease between September 15 & October 15 of each year to avoid affecting rutting caribou.
- 2.21 The Proponent shall take all necessary precautions to minimize disturbance to caribou specific habitat (lichen) within the project area.
- 2.22 As additional survey results are gathered and analyzed, additional key habitats will be identified. Each year, at least 30 days prior to each field season, the operator shall contact Liard Regional Biologist (867-536-3214) to determine where new key areas for caribou have been identified. Mitigation relating to caribou and recommended in this report shall be applied to all new identified key areas with timing windows related to the use of the areas as determined by YG, Environment.
- 2.23 If ungulates, bears, or wolverines, are encountered while carrying out project activities, the activities shall stop until the animal(s) has left on its own accord.
- 2.24 Wildlife will be given the right of way on all access routes and project claims.
- 2.25 The operator shall contact Liard Regional Biologist (867-536-3214) for information on the exact location of mineral licks in the vicinity of project claims and along planned flight routes, and for information on techniques/methodologies related to monitoring mineral licks.
- 2.26 Any new mineral licks found by the operator shall be reported to the Liard Regional Biologist (867-536-3214).

- 2.27 The operator shall not use aircraft or carry out ground-based activities within 1 km of mineral licks at any time of year, unless proven to be of only seasonal importance. Methods to determine seasonal importance should be discussed with the Liard Regional Biologist (867-536-3214).
- 2.28 The operator shall avoid land clearing activities within 1-km of known raptor nests between May 1st - August 15th.
- 2.29 The Proponent shall carry out all phases of the project in a manner that protects and avoids harming, killing or disturbing migratory birds or destroying or taking their nests or eggs.
- 2.30 If active bird nests are discovered, project activities shall be postponed in the nesting area until nesting is completed (i.e. the young have naturally and permanently left the vicinity of the nest).
- 2.31 The operator shall install an electric fence around the kitchen (food preparation area and storage area), as well as the incinerator. If conditions are warranted, the fuel storage area shall also be enclosed in an electric fence; warranted conditions are developed in consultation with the District Conservation Officer in Ross River (867-969-2202) and include site-specific bear activity.
- 2.32 The operator shall report any incidents involving nuisance bears or any wildlife exhibiting food conditioning or habituation to the District Conservation Officer in Ross River (867-969-2202).
- 2.34 If a bear or wolverine den is discovered, a 1 km no-disturbance buffer will be established and the operator shall contact the Liard Regional Biologist (867-536-3214) for information on the protection of the dens and appropriate set back distances.

Flights

- 2.35 The operator shall follow applicable best management practices outlined in the publication: "Flying in Sheep Country", when safe to do so.
- 2.36 The operator shall develop a detailed flight plan, in conjunction with the Liard Regional Biologist (867-536-3214), to reduce disturbance to ungulates. This plan shall include, but is not limited to, establishing an appropriate horizontal buffer around all sheep Wildlife Key Areas (WKA), when safe to do so, specifically around winter range WKA 1767, 1768, and 5379 from February 1st - May 1st (except during take off and landing). The plan shall be updated each year to include updated wildlife survey data. This plan is to be submitted to Chief for review and approval, 30 days prior to the commencement of work.

- 2.37 The operator shall follow applicable best management practices outlined in the publication: "Flying in Caribou Country", when safe to do so.
- 2.38 The operator shall, when safe to do so, maintain a 1-km no-fly buffer zone around active raptor nests between April 1st - August 31st.

Winter/Ice Roads and Bridges

- 2.39 The operator shall communicate plans and timing of winter trail construction and use to other resource users (trappers, outfitters, wilderness tourism operators, quartz/placer miners, other users of the winter trail, and known subsistence harvesters) that may be affected by the proposed project as soon as practicable, prior to the actual commencement of activities to reduce land use conflicts and any potential negative impacts on other users.
- 2.40 In order to protect terrain values in the project area, the access route shall be constructed with a minimum of ten (10) centimeters of packed snow at all times during the transport phase.
- 2.41 The operator shall not move any equipment or vehicles unless the ground surface is in a state capable of fully supporting the equipment or vehicles without rutting or gouging.
- 2.42 The operator shall conduct field observations throughout use of the access route to ensure that the route has sufficient snow depth.
- 2.43 All drainages, low-lying areas and wetlands shall be frozen to a state capable of supporting 125% of the estimated total weight of the loaded equipment before commencement of project activities.
- 2.44 No scarification or movement of earth or rock is to occur that would cause a disturbance during construction and use of the winter trail.
- 2.45 The operator shall suspend overland travel of equipment or vehicles if rutting occurs.
- 2.46 All snow berms or windrows must be broken at intervals no greater than three hundred (300) metres, alternating sides, twenty-five (25) to fifty (50) metres in width, and where possible, be kept to a height that would allow wildlife movement.
- 2.47 The first crossing of each waterbody along the access route by equipment with a load shall not be carrying fuel.
- 2.48 If equipment falls through the ice, or spills occur, it must be reported immediately to the 24-Hour Yukon Spill Reporting Line (867) 667-7244 and to the Watson Lake Inspections Office (Compliance, Monitoring and Inspections) at (867)536-7335.

- 2.49 While preparing the access route, the operator shall make every effort to avoid covering or destroying traps or snares that may be found along the route.
- 2.50 The operator shall restore any trails used by trappers along access routes by slashing any and all trees that may fall across these paths or trails and by removing any obstructions such as snow piles or debris that may be pushed across the trails.
- 2.51 All natural or constructed ice crossings must be capable of supporting the vehicles taken across them throughout the duration of their use and shall be monitored and recorded regularly, including repeated testing of ice thickness and condition.
- 2.52 The operator shall minimize the length of ice bridges, where possible. Vehicle travel shall be at right angles to the watercourse.
- 2.53 Ice bridge sites selected shall have a low flow, be completely frozen or dry, or have a layer of ice on top of the water.
- 2.54 Ice bridges shall not hinder the flow of water in any watercourse.
- 2.55 If a snow or ice bridge is put in place at a stream crossing, it is to be removed after it is no longer in use.
- 2.56 The operator shall ensure that water withdrawals or ice-road construction has no impacts to downstream fish and fish habitat.
- 2.57 All water intakes shall be properly screened to prevent entrapment of fish.
- 2.58 The operator shall block the route with felled trees and/or snow berms to discourage access by the public.

Access

- 2.59 Trail building shall be kept to a minimum where possible.

Waste Management

- 2.60 The operator shall remove any flagging tape used to carry out project activities once the activities are completed unless bio-degradable tape is utilized.

Invasive Plant Species

- 2.61 Equipment shall be cleaned of foreign soil and plant material prior to moving it into the project property.
- 2.62 If reseeding is required, the operator shall contact Government of Yukon, Compliance Monitoring and Inspections (CMI) at (867)536-7335 for further information or appropriate seed mixes or collection of seeds.

Other Resource Users

2.63 The operator shall communicate plans and timing of activities to other land and resource users (First Nations, Dueling Stone Outfitter, trappers, and any other known subsistence harvesters, wilderness tourism operators, and quartz/placer miners) that may be affected by the proposed project at least 30 days prior to each field season and shall work with these individuals and governments to identify and resolve potential land use conflicts and any potential negative effects on other users.

Heritage

2.64 Prior to conducting clearing or ground disturbing activities, the operator shall invite: Ross River Dena Council, Liard First Nation, Kwadacha Nation, Dease River First Nation, Selkirk First Nation, and/or First Nation of Na-Cho Nyäk Dun, respective of their Traditional Territories, to discuss areas of potential heritage resources and determine how these resources will be protected.

2.65 A heritage resources overview assessment (HROA) shall be completed for areas of the project footprint that are not covered by the 2011 HROA. The results of this assessment shall be summarized and shared with the Ross River Dena Council, Liard First Nation, Kwadacha Nation, Dease River First Nation, Selkirk First Nation, and First Nation of Na-Cho Nyäk Dun.

2.66 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: Ross River Dena Council, Liard First Nation, Kwadacha Nation, Dease River First Nation, Selkirk First Nation, and First Nation of Na-Cho Nyäk Dun to participate and provide input into the HRIA. The results of this assessment shall be shared with Ross River Dena Council, Liard First Nation, Kwadacha Nation, Dease River First Nation, Selkirk First Nation, and First Nation of Na-Cho Nyäk Dun.

2.67 Upon discovery of a heritage resource, the operator shall notify Ross River Dena Council, Liard First Nation, Kwadacha Nation, Dease River First Nation, Selkirk First Nation, and/or First Nation of Na-Cho Nyäk Dun, respective of their Traditional Territories, in addition to the Government of Yukon, Chief of Mining Land Use and Yukon Heritage.

PART THREE – RECLAMATION AND/OR DECOMMISSIONING

3.0 Reclamation and/or decommissioning shall be progressive in nature where possible and will occur prior to the expiry of the exploration program or prior to the expiry of this approval, whichever comes first, according to standards outlined in the operating conditions, unless otherwise specified by the Chief.

- 3.1 Debris, equipment, fuel barrels, scrap metal and other waste at the work site shall be completely disposed of, so as not to attract wildlife, by removal to an authorized disposal site at the cessation of the exploration program or prior to the expiry of the approval, whichever comes first.
- 3.2 Structures must be removed and the site restored at the end of the exploration program or prior to the expiry of this approval, whichever comes first, to a level of utility comparable to its previous level of utility.
- 3.3 If an amendment to this approval or new approval is granted, for the claims within the scope of this approval (Appendix A), all outstanding reclamation continues to be the responsibility of the operator.

PART FOUR – OTHER MATTERS

- 4.0 Security may be required at any time by the Chief.
- 4.1 Notice of Schedule III must be provided to the Yukon Water Board ten (10) days prior to use of water.
- 4.2 Attached (Appendix C) are the commitments that form part of this operating plan.



Appendix A LQ00520

Claim Status Report

Claim Name and Nbr.	Grant No.	Expiry Date	Registered Owner	% Owned	NTS #'s	Grouping	Permit
R A 1 - 8	YC67724 - YC67731	2028/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105K16	HM02981	LQ00420, LQ00520
R A 57 - 66	YC67746 - YC67755	2028/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105K16	HM02981	LQ00420, LQ00520
R A 67 - 80	YC67768 - YC67781	2028/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105K16	HM02981	LQ00420, LQ00520
R A 81 - 84	YC67756 - YC67759	2028/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105K16	HM02981	LQ00420, LQ00520
R A 85 - 96	YC67782 - YC67793	2028/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105K16	HM02981	LQ00420, LQ00520
R A 97 - 104	YC67760 - YC67767	2028/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105K16	HM02981	LQ00420, LQ00520
R Amb 69	YC02680	2034/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105K16	HM02981	LQ00420, LQ00520
R Amb 71	YC02681	2034/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105K16	HM02981	LQ00420, LQ00520
R Amb 105 - 112	YC02776 - YC02783	2032/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105K16	HM02981	LQ00420, LQ00520
R AMB 1 - 12	YC02355 - YC02366	2033/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105K16	HM02981	LQ00420, LQ00520
R AMB 13 - 15	YC02367 - YC02369	2034/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105K16	HM02981	LQ00420, LQ00520
R AMB 16	YC02370	2034/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105K16	HM02981	LQ00520
R AMB 17 - 18	YC02371 - YC02372	2033/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105K16	HM02981	LQ00420, LQ00520
R AMB 19 - 24	YC02373 - YC02378	2034/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105K16	HM02981	LQ00420, LQ00520
R AMB 25	YC02379	2033/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105K16	HM02981	LQ00420, LQ00520

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R AMB 26 - 48	YC02380 - YC02402	2034/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00	105K16	HM02981	LQ00420, LQ00520
R AMB 49 - 50	YC02403 - YC02404	2032/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00	105K16	HM02981	LQ00420, LQ00520
R AMB 51 - 68	YC02405 - YC02422	2034/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00	105K16	HM02981	LQ00420, LQ00520
R AMB 70	YC02423	2034/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00	105K16	HM02981	LQ00420, LQ00520
R AMB 72 - 80	YC02424 - YC02432	2034/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00	105K16	HM02981	LQ00420, LQ00520
R AMB 81 - 84	YC02433 - YC02436	2033/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00	105K16	HM02981	LQ00420, LQ00520
R AMB 85 - 104	YC02437 - YC02456	2034/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00	105K16	HM02981	LQ00420, LQ00520
R AMB 115 - 116	YC09953 - YC09954	2031/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00	105K16	HM02981	LQ00420, LQ00520
R AMB 123 - 146	YC09961 - YC09984	2031/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00	105K16	HM02981	LQ00420, LQ00520
R AMB 147 - 148	YC10006 - YC10007	2031/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00	105K16	HM02981	LQ00420, LQ00520
R AMB 149 - 150	YC10008 - YC10009	2033/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00	105K16	HM02981	LQ00420, LQ00520
R AMBFr 117	YC09955	2034/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00	105K16	F HM02981	LQ00420, LQ00520
R AMBFr 118 - 122	YC10001 - YC10005	2031/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00	105K16	F HM02981	LQ00420, LQ00520
R AMBFr 151 - 162	YC10010 - YC10021	2031/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00	105K16	F HM02981	LQ00420, LQ00520
R Andrew 1 - 2	YB65796 - YB65797	2032/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00	105K16	HM02981	LQ00420, LQ00520

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R Andrew 3 - 10	YB65798 - YB65805	2035/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105K16	HM02981	LQ00420, LQ00520
Atlas 1 - 6	YC10589 - YC10594	2021/07/31	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105K16		LQ00420, LQ00520
R B 53	YC67832	2026/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105N1	HM02963	LQ00420, LQ00520
R B 55	YC67834	2026/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105N1	HM02963	LQ00420, LQ00520
R B 57	YC67836	2026/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105N1	HM02963	LQ00420, LQ00520
R B 59	YC67838	2026/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105N1	HM02963	LQ00420, LQ00520
R B 61	YC67840	2026/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105N1	HM02963	LQ00420, LQ00520
R B 63	YC67842	2026/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105N1	HM02963	LQ00420, LQ00520
R B 65 - 74	YC67844 - YC67853	2026/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105N1	HM02963	LQ00420, LQ00520
R B 79 - 100	YC67854 - YC67875	2026/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105K16	HM02963	LQ00420, LQ00520
R B 105 - 126	YC67880 - YC67901	2026/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105K16, 105N1	HM02963	LQ00420, LQ00520
R B 127 - 194	YE70767 - YE70834	2023/02/15	Overland Resources Yukon Ltd.	100.00	105K16, 105N01	HM02963	LQ00420, LQ00520
R Bridge 1 - 8	YC56739 - YC56746	2031/02/15	Overland Resources Yukon Ltd. 18526 Yukon Inc.	90.00 10.00	105K16	HM02981	LQ00420, LQ00520
R Bridge 11 - 16	YC56747 - YC56752	2031/02/15	Overland Resources Yukon Ltd. 18526 Yukon Inc.	90.00 10.00	105K16	HM02981	LQ00420, LQ00520
R Bridge 19 - 32	YC56753 - YC56766	2031/02/15	Overland Resources Yukon Ltd. 18526 Yukon Inc.	90.00 10.00	105K16	HM02981	LQ00420, LQ00520

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Claim Name and Nbr.	Grant No.	Expiry Date	Registered Owner	% Owned	NIS #'s	Grouping	Permit
R Clear 1 - 25	YE70835 - YE70859	2023/02/15	Overland Resources Yukon Ltd.	100.00	105K16, 105N01	HM02981	LQ00420, LQ00520
R Dasha 1 - 6	YC10603 - YC10608	2029/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105K16	HM02981	LQ00420, LQ00520
R Data 1 - 320	YE70441 - YE70760	2023/02/15	Overland Resources Yukon Ltd.	100.00	105K15, 105N02, 105K14	HM02962	LQ00420, LQ00520
R Link 1 - 231	YE70201 - YE70431	2023/02/15	Overland Resources Yukon Ltd.	100.00	105K16	HM02981	LQ00420, LQ00520
R Myszka 1 - 12	YC10267 - YC10278	2027/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105K16	HM02981	LQ00420, LQ00520
R Myszka 13 - 16	YC10279 - YC10282	2028/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105K16	HM02981	LQ00420, LQ00520
R Myszka 17	YC10283	2029/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105K16	HM02981	LQ00420, LQ00520
R Myszka 19 - 20	YC10285 - YC10286	2028/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105K16	HM02981	LQ00420, LQ00520
R Myszka 21 - 32	YC10287 - YC10298	2027/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105K16	HM02981	LQ00420, LQ00520
R Myszka 33 - 40	YC10299 - YC10306	2028/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105K16	HM02981	LQ00420, LQ00520
R Myszka 41 - 46	YC10307 - YC10312	2027/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105K16	HM02981	LQ00420, LQ00520
R Myszka 47	YC10313	2028/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105K16	HM02981	LQ00420, LQ00520
R Myszka 48	YC10314	2027/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105K16	HM02981	LQ00420, LQ00520
R Myszka 49 - 56	YC10315 - YC10322	2028/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105K16	HM02981	LQ00420, LQ00520
R Myszka 57 - 70	YC10323 - YC10336	2027/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105K16	HM02981	LQ00420, LQ00520

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R Myschka 71 - 76	YC10337 - YC10342	2028/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105K16	HM02981	LQ00420, LQ00520
R Myschka 77 - 90	YC10343 - YC10356	2027/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105K16	HM02981	LQ00420, LQ00520
R Myschka 91 - 96	YC10357 - YC10362	2028/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105K16	HM02981	LQ00420, LQ00520
R Ozzie 1 - 16	YC56665 - YC56680	2031/02/15	Overland Resources Yukon Ltd. Overland Resources Yukon Ltd.	90.00 10.00	105K16	HM02981	LQ00420, LQ00520
R Ozzie 17 - 32	YC56703 - YC56718	2031/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105K16	HM02981	LQ00420, LQ00520
RIDDELL 1 - 80	YD153511 - YD153590	2023/02/01	Overland Resources Yukon Limited	100.00	105J12	HW07288	LQ00420, LQ00520
R Scott 1 - 2	YC02784 - YC02785	2030/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105K16	HM02981	LQ00420, LQ00520
R Scott 3 - 34	YC02457 - YC02488	2024/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105K16	HM02981	LQ00420, LQ00520
R Scott 35 - 36	YC02786 - YC02787	2030/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105K16	HM02981	LQ00420, LQ00520
R Shack 3 - 5	YD61698 - YD61700	2023/02/15	Overland Resources Yukon Ltd.	100.00	105K16		LQ00420, LQ00520
R SHACK 1 - 2	YD61696 - YD61697	2023/02/15	Overland Resources Yukon Limited	100.00	105K16		LQ00420, LQ00520
R Sophia 1 - 4	YC09949 - YC09952	2025/02/15	18526 Yukon Inc. Overland Resources Yukon Ltd.	10.00 90.00	105K16	HM02981	LQ00420, LQ00520
TA 1 - 2	YE63951 - YE63952	2022/07/14	Overland Resources Yukon Limited	100.00	105J11		LQ00420, LQ00520
TA 3 - 283	YE63953 - YE64233	2023/02/15	Overland Resources Yukon Limited	100.00	105J11, 105J12, 105K09, 105K16	HW07369	LQ00420, LQ00520

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Claim Status Report

Claim Name and Nbr	Grant No.	Expiry Date	Registered Owner	% Owned	NITS #'s	Grouping	Permit
R TA 284 - 332	YE64234 - YE64282	2023/02/15	Overland Resources Yukon Ltd.	100.00	105K16	HM02981	LQ00420, LQ00520

Criteria(s) used for search:

CLAIM STATUS: ACTIVE & PENDING DOCUMENT NUMBER: LQ00520 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

Operator Commitments

Environmental Quality

- Where possible natural clearing or existing trails will be utilized for helicopter access. When this proves impractical, a suitable site will be selected for clearing that minimises the impact on site and reduces the need for ground disturbance.
- Natural clearings will be used where possible in the event clearings need to be created to enable diamond drilling, vegetative mat will only be removed where 6" diameter drill hole penetrates ground and where a sump is required to capture drill cuttings.
- Drilling will not be conducted within 30 m of waterbodies or watercourses.
- Sumps will be constructed using available soil, sandbags and liners. Fluid will be permitted to evaporate or seep away taking care not to permit cuttings to contaminate vegetation beyond the bounds of the sumps. Cuttings will be removed if contaminated, otherwise they will be buried when the site is reclaimed.
- Drill holes that lead to ground water will be sealed and plugged in an appropriate manner.
- Disturbed sites where vegetative mat has been removed shall be prepared in line with the "Yukon Revegetation Manual" of 2012 to ensure soil is in suitable prepared state to receive roots and seed stock when vegetative mat replaced or to provide seed capture locations for naturally occurring regrowth.
- Should any additional minerals be discovered in the future they shall be evaluated independently for their ARD/ML potential however no additional minerals have been discovered at this time.

Winter Trail

- Crossings, approaches and bridges will be constructed, maintained and restored in line with "Best Management Practices for Works Affecting Water in Yukon" (Relevant section 3.7 Ice Bridges and Snow Fills).
- Any ice bridge constructed will be monitored in the month leading up to the spring melt and should it be considered an issue or potential problem is present recommendations on specific action required shall be sought from appropriate YTG bodies.

- Anticipated fuel requirements for the activities along the winter access trail will be placed in small stockpiles prior to the onset of winter. These stockpiles shall be securely stored in locations no closer than 100 m to any normal water course or water body. The fuel caches will be clearly marked to identify the owner, flagged with marks that will appear above the snow pack and surrounded with an earthen berm.
- The winter access trail shall only be used under frozen ground conditions and shall have a minimum of 10cm and ideally 20cm of packed snow on the trail route. Where required this depth shall be increased to avoid disturbance of the surface vegetation layer.
- All dozer equipment shall operate in the "blade-up" position except where moving snow. During this action all care shall be taken to avoid ground disturbance.
- Only clean snow shall be used in the construction of snow/ice fills for approaches to stream crossings and along ice bridges. Efforts will be taken to avoid depositing soils or debris on stream crossings or ice bridges.
- The frozen ground status along the trail shall be continually monitored throughout the period of operation.

Erosion

- Where possible, surface disturbances will be restricted to flat lying areas.
- In line with the "Yukon Revegetation Manual", vegetative mat, where it exists, will be removed with efforts to protect the seed and root stock and stored separately prior to the establishment of drill sites, sumps, helipads or sites requiring ground disturbance. Upon completion of activities the vegetative mat shall be replaced and efforts taken to contour sites perpendicular to the downhill slope. Where possible trails will cross cut slopes and drainage points shall be established to reduce high volume run-off.

Fuel use/storage

- The "Spill Contingency Plan" will be posted at all sites; personnel will be trained in the safe and efficient use of the spill containment and cleanup equipment and protocols.
- Training in the use and maintenance in all refueling pumps and procedures will be provided to reduce the risk of spills.
- Secondary containment will consist of a plastic berm with 110% capacity. Refueling will occur within the fuel storage area via on-site fuel pumps and at drilling sites from 200 L drums and hand pumps. A spill kit will be available during refueling whenever refueling occurs and all hoses shall be cleaned pre and post refueling to minimize potential contamination.

- Fuel storage no closer than 100 m to a river, creek, lake or stream.
- No drilling or refuelling activities within 30 m of a river, creek, lake or stream.

Spill Response Plan

- All machinery and fuel pumps shall be in good working order and regularly serviced to eliminate leaks.
- Emergency spill response kits shall be stored at the Andrew Base Camp, fuel storage area and at the drill rigs at all times. Absorbent pads will be kept on all equipment working near watercourses.

Reclamation

- Trails no longer required will be decommissioned and rehabilitated.
- Drill and helicopter pads in areas deemed no longer prospective shall be decommissioned and rehabilitated.
- If adequate seed stock is not naturally available and re-seeding or transplanting of vegetation is required then only non invasive local species will be used.

Wildlife

- There is a no hunting policy in place for its employees, contractors, consultants, and guests which is strictly enforced.
- Wildlife issues identified include ensuring suitable bear aware training and bear deterrents are used. Avoiding sheep wintering ranges and mineral licks and minimising activity in the southeast during moose caving season.
- Portable fences will be established should sumps present a risk to wildlife.
- Existing bear response plan and all personnel to undertake bear aware training and site induction on procedures and protocols should wildlife interactions occur.
- Efforts are also made to detour both fixed wing and rotary wing aircraft flight paths away from wildlife during sensitive stages in their lifecycles, such as lambing, rutting or winter habitats.
- During specific times, November through June, flightpaths and field activities are modified to avoid known sheep habitats with particular focus on the Mt Selous area.

Wildlife Attractant Management Plan

- All staff, contractors and consultants shall be issued with and carry as a minimum the following items when working in remote areas: bear spray, bear bangers, radios, and whistles.
- As the project is fixed and rotary wing aircraft supported and known sheep and caribou herds migrate through the area copies of the following documents will be provided to personnel, pilots and contractors:
 - Flying in Caribou Country: How to minimize disturbance from aircraft
 - Flying in Sheep Country: How to minimize disturbance from aircraft
- The camp manger will ensure that combustible garbage is incinerated daily and non-combustible garbage is collected and stored in specific fit for purpose containers for removal on scheduled flights.
- All perishable food will be kept inside or adjacent to the kitchen tent in fridges, freezers, coolers and metal food storage lockers. Lunches for field crews and drillers are stored in airtight packaging and all garbage will be brought back at the end of shift.
- All liquid kitchen waste is piped directly into an underground septic system installed at the time of camp construction, is it at least 30 m from any waterway.
- All solid kitchen waste will be stored in an animal proof container and will be incinerated to ash daily using a forced air incinerator.
- Non- flammable residue will be compacted and flown out for disposal at the municipal dump or specific waste handling facility. The non-flammable residue (i.e. unburned tin cans) will be flattened and then put into sealed heavy garbage bags inside fibre bags, so that they cannot tear open to minimize any residual scents. The bags containing non-flammable residue will be stored inside until they are flown out and taken to the municipal dump.
- Signs will be posted at prominent locations in camp, which outline key elements of this Wildlife Attraction Management Plan.
- Lime or organic de-scenters will be regularly spread atop human waste in outhouses.
- Bear-deterrents (such as bear bangers, bear spray and airhorns) will be available at various sites in camp (including the kitchen, fire muster station and office) in case an animal is sighted and an alarm system will be in place to immediately notify personnel of any sighting.

- If petroleum-based products are opened, they will be quickly resealed, and empty containers will be removed from the site as soon as possible for appropriate disposal.

Winter Trail

- The operator will undertake "ground-truthing" prior to the commencement of any activities to determine evidence of habituation or activity from wildlife. Should dens or active game trails be identified these areas shall be avoided.
- During construction of the winter access trail in areas of high snow depth sufficient point of egress along the trail shall be provided to enable prey animals to avoid being run down by wolves in artificial snow canyon formations.
- If wildlife are encountered during use of the winter access trail traffic shall stop until identified wildlife have left the area. Efforts will be taken not to startle or spook any wildlife encountered.
- Traffic flow shall be controlled via radio communications and a single point controller shall direct traffic.

Heritage Resources

- Heritage data collection will occur in conjunction with First Nations groups.

Socio-economic

- Over the past years, the Company has worked closely with the Outfitter to attempt to minimise impact upon his operation.
- Efforts are also made to deviate flight paths away from known tourist/hunting activities in the area and communication channels are maintained with the Outfitter operating in the area.

Operational Guidelines

Exploration activities

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

- Yukon Mineral and Coal Exploration Best Management Practices and Regulatory Guide (http://yukonminers.org/wp-content/uploads/2017/06/BMP_RG_Aug29_FINAL_WebFile.pdf).

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 (http://www.env.gov.yk.ca/publications-maps/documents/Guidelines_for_Industrial_Activity_in_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 (<http://www.env.gov.yk.ca/publications-maps/documents/ElectricFencing.pdf>)
- Where collared pika are observed, the proponent should contact the Liard Regional Biologist (867-536-3214) for further advice or recommendations before proceeding with exploration activities in the affected area.

Invasive species

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

- Become familiar with the Yukon invasive species and how to manage them by referring to the Yukon Invasive Species Council document, "Why Should I Care About Invasive Species" (http://yukoninvasives.com/pdf_docs/WhyshouldIcare2011_sm.pdf)
- Employees should be familiarized with all invasive plants listed on the Yukon Invasive Species Council website (<https://www.yukoninvasives.com/index.php/en/invasive-species/plants>).
- Throughout the project duration, invasive plant species present on the project property should be managed as referred by Yukon Invasive Species Council (YISC) as to limit their spreading and favor native plant regrowth. (<https://www.yukoninvasives.com/index.php/en/invasive-species/plants>).

Heritage Resources

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

- Mineral Exploration Best Management Practices for Heritage Resources (http://www.tc.gov.yk.ca/pdf/Mineral_Exploration_BMP_for_Heritage_Resources.pdf)
- Best Management Practices for Burial Sites and Human Remains in Yukon (http://www.tc.gov.yk.ca/pdf/BurialSites_BMP_2014.pdf)

Work in/near water

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

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

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 (http://www.env.gov.yk.ca/publications-maps/documents/flying_in_sheep_country.pdf).
- Flying in Caribou Country: How to Minimize Disturbance from Aircraft (http://www.env.gov.yk.ca/publications-maps/documents/flying_caribou_country.pdf).