



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

February 9, 2018

File No: LQ00468

0905144 B.C. Ltd.  
130 Adelaide Street West, Suite 3001  
Toronto, Ontario  
M5H 3P5

Dear Sir/Madam:

**Re: Class 4 Quartz Mining Land Use Approval**

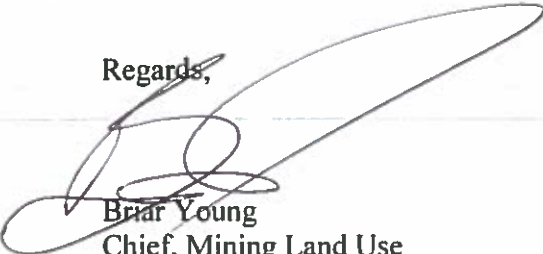
Your application for a Class 4 approval has been approved and is subject to the attached conditions.

The effective date of this approval will be February 9, 2018. All work, including restoration, must be completed by February 8, 2028, 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 feel free to contact our office at (867) 667-3190 should you have any questions.

Regards,



Brian Young  
Chief, Mining Land Use

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

## Operational Guidelines

### ***Exploration activities***

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

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

### ***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/bestpractes\\_water.pdf](http://www.env.gov.yk.ca/publications-maps/documents/bestpractes_water.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" ([http://yukoninvasives.com/pdf\\_docs/WhyshouldIcare2011\\_sm.pdf](http://yukoninvasives.com/pdf_docs/WhyshouldIcare2011_sm.pdf))

### ***Heritage Resources***

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

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

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

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

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

### ***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](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](http://www.env.gov.yk.ca/publications-maps/documents/flying_caribou_country.pdf)).

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

Pursuant to the *Quartz Mining Act* and *Quartz Mining Land Use Regulation*, the Chief, Mining Land Use hereby grants a Class 4 approval to:

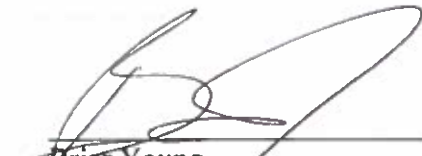
0905144 B.C. Ltd.  
130 Adelaide Street West, Suite 3001  
Toronto, Ontario  
M5H 3P5

APPROVAL NUMBER: LQ00468  
PROPERTY NAME: Nickel Shāw  
UNDERTAKING: Quartz  
CLASS: Class 4 Approval  
EFFECTIVE DATE: February 9, 2018  
EXPIRY DATE: February 8, 2028

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 LQ00468.

Please note LQ00468 replaces the existing Class 3 mining land use permit LQ00323, all outstanding liability including reclamation for LQ00323 is transferred to the new permit LQ00468.

Dated this February 9, 2018

  
Briar Young  
Chief, Mining Land Use

**MINING LAND USE  
APPROVAL  
Class 4**

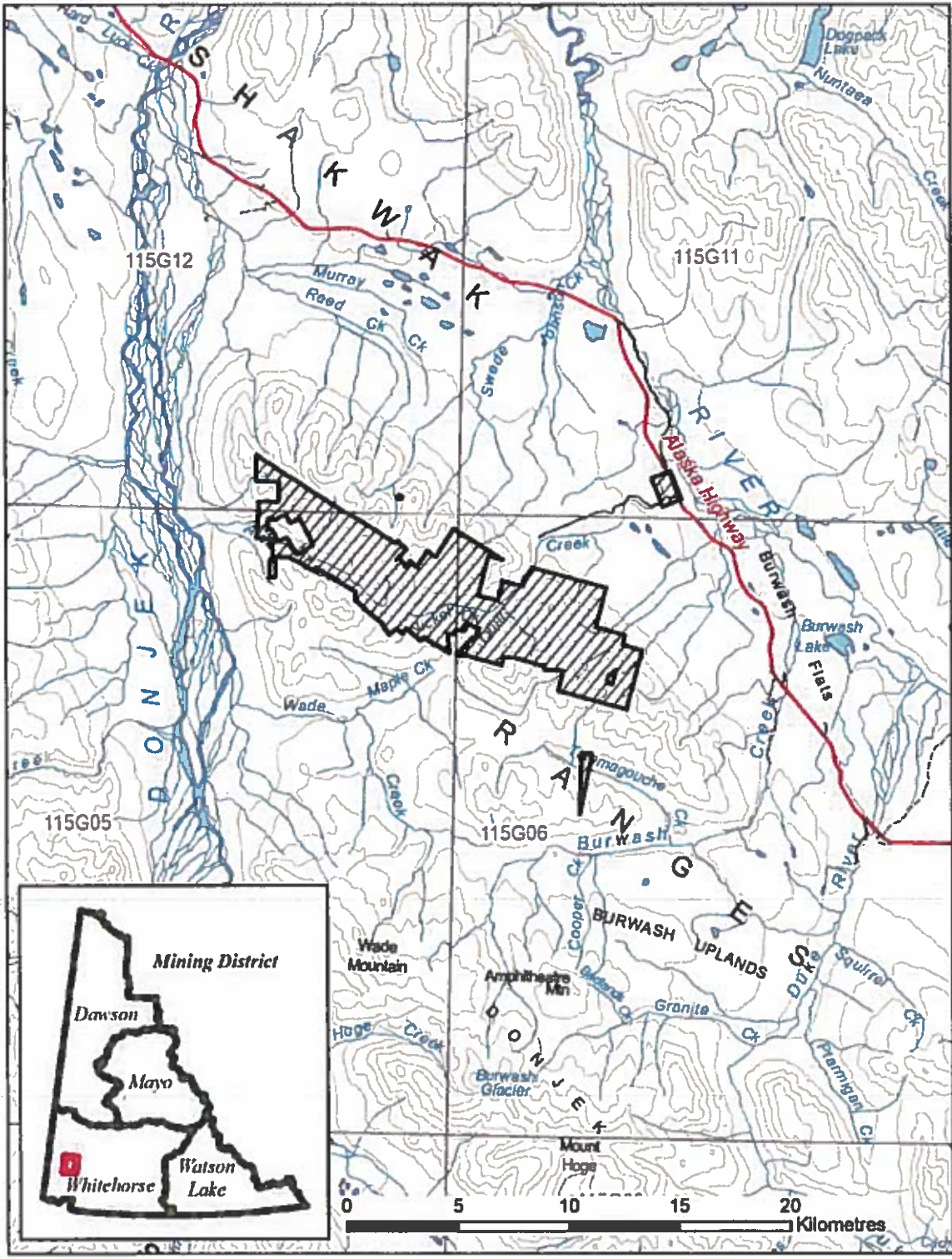
<b>SCOPE OF APPROVAL:</b>			
Claim Status Report (Appendix A)		LQ00468	
Operating Season	January 1 <sup>st</sup> to December 31 <sup>st</sup>	Nickel Shāw	
<b>PROJECT ACTIVITIES (ON-CLAIM):</b>			
<b>USE OF VEHICLES/EQUIPMENT</b>			
Use of vehicles on existing roads or trails		<input type="radio"/> No <input checked="" type="radio"/> Yes	
Gross vehicle weight	On-roads: >40t	On-trails: <20t	
Off-road use of vehicles in summer		<input type="radio"/> No <input checked="" type="radio"/> Yes	
Off-road use of vehicles in winter		<input type="radio"/> No <input checked="" type="radio"/> Yes	
<b>NEW &amp; EXISTING ACCESS</b>			
<b>Roads:</b>			
Upgrading	<input type="radio"/> No <input checked="" type="radio"/> Yes	Length: 27 km	Width: 10 m
New roads	<input type="radio"/> No <input checked="" type="radio"/> Yes	Length: 1 km	Width: 4 m
<b>Trails:</b>			
Existing trails	<input type="radio"/> No <input checked="" type="radio"/> Yes	Length: 37.73 km	Width: 4 m
New trails	<input type="radio"/> No <input checked="" type="radio"/> Yes	Length: 20 km	Width: 4 m
Total trails allowed:		Length: 57.73 km	Width: 4 m
Other new access: N/A			
<b>LINES &amp; CORRIDORS</b>			
Lines	<input type="radio"/> No <input checked="" type="radio"/> Yes	Length: 20 km	Width: 1 m
Corridors	<input checked="" type="radio"/> No <input type="radio"/> Yes	Length: x km	Width: x m
<b>SITE PREPARATION</b>			
Number of clearings per claim: 30 - not to exceed 150 over 10 year program (drill pads 20 m x 20 m)		Area: 12000 m <sup>2</sup> /annually	
Number of clearings for helicopter pads and camps: (existing)		Area: (existing)	
Removal of the vegetative mat			<input type="radio"/> No <input checked="" type="radio"/> Yes
<b>EXPLORATION TRENCHING &amp; BULK SAMPLING</b>			
Hand-dug			<input checked="" type="radio"/> No <input type="radio"/> Yes
Mechanized			<input type="radio"/> No <input checked="" type="radio"/> Yes
Number: 40	Length: 10 m	Width: 5 m	Depth: 1 m
		Total volume: 2000 m <sup>3</sup>	
Bulk sampling		<input type="radio"/> No <input checked="" type="radio"/> Yes	Total amount: 10 tonnes
Explosives		<input checked="" type="radio"/> No <input type="radio"/> Yes	Total amount: x kg
		Max. in 30 days: x kg	
<b>EXPLORATION DRILLING</b>			
TYPE			DEPTH (m)
Diamond	Up to 4 drills at one time		50,000
Reverse Circulation	Up to 2 drills at one time		20,000

**MINING LAND USE  
APPROVAL  
Class 4**

<b>FUEL STORAGE</b>		
<b>FUEL TYPE</b>	<b>STORAGE TYPE</b>	<b>CAPACITY</b>
Diesel	Tank/Container	198,362 L
Gas	Tank/Container	12,200 L
Jet A/B	Tank/Container	15,000 L
<b>FACILITIES &amp; STRUCTURES</b>		
Camp structures: Existing trailer camp		
Number of persons in camp at any one time: 50		Number of person days: 1'8 250 (annual)
Construction of underground structures		<input checked="" type="radio"/> No <input type="radio"/> Yes
Amount per year:		Amount per program:

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

LQ00468  
Nickel Shāw  
0905144 B.C. Ltd.



## 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

“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 discrepancy between the Regulation 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@gov.yk.ca

- 1.3 The contact for the Operator will be:  
0905144 B.C. Ltd.  
130 Adelaide Street West, Suite 3001  
Toronto, Ontario  
M5H 3P5  
Greg Ross, Senior Geologist  
[gross@nickelcp.com](mailto:gross@nickelcp.com)  
604-569-3690

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

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



- reclamation activities; and
- documentation produced by environmental monitors.

- 1.6 The operator shall contact the Whitehorse Mining Inspections Office (Compliance, Monitoring and Inspections) at (867) 456-3882 at least 14 days prior to commencing the field season.
- 1.7 The operator shall contact the Whitehorse Mining Inspections Office (Compliance, Monitoring and Inspections) at (867) 456-3882 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 Whitehorse Mining Inspections Office (Compliance, Monitoring and Inspections) at (867) 456-3882.
- 1.9 An operator who takes an emergency remedial measure shall, as soon as possible but not later than 10 days after taking it, send a written report to the Chief describing the duration, nature and extent of the emergency and the measures taken to respond to it.

### **Heritage Reporting**

- 1.10 All paleontological resources uncovered during operations shall be reported to the Yukon Paleontology Program, Government of Yukon in Whitehorse at (867) 667-8089 or (867) 667-5386 and the Chief.
- 1.11 All archaeological resources uncovered during operations shall be reported to the Yukon Archaeology Program, Government of Yukon in Whitehorse at (867) 667-3771 or (867) 667-5386 and the Chief.
- 1.12 The report(s) developed for Section(s) 2.14 and 2.15, shall be submitted to Government of Yukon – Mining Lands, Mineral Resources Branch and the Heritage Resources Unit, Cultural Services Branch.

### **Wildlife Reporting**

- 1.13 All incidents with wildlife shall be reported to the District Conservation Officer in Whitehorse (Southern Lakes Region) at (867) 667-8005.

## **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 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 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 with stakes or flags.

#### **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.

## **Wildlife**

- 2.9 The operator shall not carry out activities in rutting or early-winter habitat for thinhorn sheep during the rut period from November 1 to December 15 unless specified in writing by the Chief, Mining Land Use.
- 2.10 The operator shall not carry out activities within one kilometer of lambing habitat during the lambing period from May 1 to June 15 unless specified in writing by the Chief, Mining Land Use.
- 2.11 The operator shall contact the Government of Yukon Chief, Mining Land Use, to determine lambing and rutting areas for sheep.
- 2.12 The operator shall report any caribou sightings within the active exploration areas to the Chief, Mining Land Use, annually and recommend adaptive management approaches to mitigate exploration impacts on caribou.
- 2.13 The operator shall prepare and submit for the approval of the Chief, Mining Land Use, no less than thirty (30) days before commencement of activities in the project area, a Fish and Wildlife Adaptive Management Plan that sets out how the proponent will adjust its planned exploration activity to ensure that impacts on fish and wildlife are minimized, and to minimize negative impacts on the ability of the relevant First Nations to carry out traditional and cultural activities in the project area, as appropriate.

## **Heritage**

- 2.14 A heritage resources overview assessment shall be completed in advance of ground disturbing activities including drill pad construction.
- 2.15 A heritage resources impact assessment shall be completed in advance of ground disturbing activities in areas with elevated potential for the presence of archeological and historic sites.

## **Other Users**

- 2.16 The operator shall communicate plans and timing of activities to other land and resources users 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 and any potential negative effects on these users.

## **Access**

- 2.17 The operator shall prepare and submit for the approval of the Chief, Mining Land Use, no less than thirty (30) days before commencement of activities in the project area, an Access Management Plan which shall include measures that would mitigate impacts on wildlife and wildlife habitat as a result of the project activities on new and existing access. The plan shall endeavor to protect known historic trails and routes used, as applicable, by the relevant First Nations in all, or part of, the project area; and describe how noise and sensory disturbance

can be minimized to protect fish and wildlife in the area, as well to respect the use of all, or part of, the project area by the relevant First Nations, as appropriate.

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

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

### **PART FOUR – OTHER MATTERS**

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

## Claim Status Report

Claim Name and Nbr.	Grant No.	Registered Owner	Expiry Date	% Owned	NTS #'s	Grouping	Permit
ARCH 97	YF44098	2018/02/13 0905144 B.C. Ltd	2018/02/13	100.00	115G12	F	LQ00468
ARCH 98 - 101	YF44099 - YF44102	2018/02/13 0905144 B.C. Ltd	2018/02/13	100.00	115G12		LQ00468
ARCH 102 - 113	YD87935 - YD87946	2018/02/13 0905144 B.C. Ltd	2018/02/13	100.00	115G12		LQ00468
ARCH 114 - 115	YD87947 - YD87948	2018/02/13 0905144 B.C. Ltd	2018/02/13	100.00	115G05, 115G12	F	LQ00468
ARCH 116 - 118	YD87949 - YD87951	2018/02/13 0905144 B.C. Ltd	2018/02/13	100.00	115G05		LQ00468
ARCH 119	YD87952	2018/02/13 0905144 B.C. Ltd	2018/02/13	100.00	115G12	F	LQ00468
ARCH 120 - 121	YD87953 - YD87954	2018/02/13 0905144 B.C. Ltd	2018/02/13	100.00	115G12		LQ00468
ARCH 122	YD87955	2018/02/13 0905144 B.C. Ltd	2018/02/13	100.00	115G12	F	LQ00468
ARCH 123	YD87956	2018/02/13 0905144 B.C. Ltd	2018/02/13	100.00	115G12		LQ00468
ARCH 124	YD87957	2018/02/13 0905144 B.C. Ltd	2018/02/13	100.00	115G12	F	LQ00468
ARCH 125 - 126	YD87958 - YD87959	2018/02/13 0905144 B.C. Ltd	2018/02/13	100.00	115G05		LQ00468
ARCH 127	YD87960	2018/02/13 0905144 B.C. Ltd	2018/02/13	100.00	115G05	F	LQ00468
ARCH 128	YD87961	2018/02/13 0905144 B.C. Ltd	2018/02/13	100.00	115G05		LQ00468
ARCH 129	YD87962	2018/02/13 0905144 B.C. Ltd	2018/02/13	100.00	115G05	F	LQ00468
BARNY 1 - 6	YA94968 - YA94973	2019/02/11 0905144 B.C. Ltd	2019/02/11	100.00	115G05	HW07497	LQ00468
BARNY 7 - 14	YA96002 - YA96009	2020/02/11 0905144 B.C. Ltd	2020/02/11	100.00	115G05	F HW07497	LQ00468
BARNY 19 - 32	YA96867 - YA96880	2020/02/11 0905144 B.C. Ltd	2020/02/11	100.00	115G05	HW07497	LQ00468
BARNY 33 - 39	YA97896 - YA97902	2020/02/11 0905144 B.C. Ltd	2020/02/11	100.00	115G05	HW07497	LQ00468
BARNY 41 - 43	YA97904 - YA97906	2020/02/11 0905144 B.C. Ltd	2020/02/11	100.00	115G05	HW07497	LQ00468
BARNY 45	YA97908	2020/02/11 0905144 B.C. Ltd	2020/02/11	100.00	115G05	HW07497	LQ00468
BARNY 47 - 49	YA97910 - YA97912	2020/02/11 0905144 B.C. Ltd	2020/02/11	100.00	115G05	HW07497	LQ00468
BARNY 50	YB08307	2020/02/11 0905144 B.C. Ltd	2020/02/11	100.00	115G05	F HW07497	LQ00468
BETTY 1 - 8	63029 - 63036	2020/12/05 0905144 B.C. Ltd	2020/12/05	100.00	115G05	L	LQ00468
BUR 1 - 58	YC26564 - YC26621	2032/02/23 0905144 B.C. Ltd	2032/02/23	100.00	115G06		LQ00468
BURWASH 1 - 9	YB36423 - YB36431	2036/02/23 0905144 B.C. Ltd	2036/02/23	100.00	115G06		LQ00468
BURWASH 10 - 33	YC18485 - YC18508	2032/02/23 0905144 B.C. Ltd	2032/02/23	100.00	115G06		LQ00468

Left column indicator legend:

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

Right column indicator legend:

L - Indicates the Quartz Lease  
F - Indicates Full Quartz fraction (25+ acres)  
P - Indicates Partial Quartz fraction (<25 acres)

Total claims selected : 401

D - Indicates Placer Discovery  
C - Indicates Placer Codiscovery  
B - Indicates Placer Fraction



Energy, Mines and Resources

# Claim Status Report

Claim Name and Nbr.	Grant No.	Expiry Date	Registered Owner	% Owned	NTS #'s	Grouping	Permit
DISCOVERY 1	60775	2020/12/05	0905144 B.C. Ltd	100.00	115G05	L	LQ00468
DISCOVERY 2 - 3	60776 - 60777	2020/12/05	0905144 B.C. Ltd	100.00	115G05	L	LQ00323, LQ00468
DISCOVERY 4 - 8	60778 - 60782	2020/12/05	0905144 B.C. Ltd	100.00	115G05	L	LQ00468
IRISH 1 - 3	63001 - 63003	2020/12/05	0905144 B.C. Ltd	100.00	115G05	L	LQ00468
IRISH 6	63006	2020/12/05	0905144 B.C. Ltd	100.00	115G05	L	LQ00468
JEEP 96	64742	2020/12/05	0905144 B.C. Ltd	100.00	115G05	L	LQ00468
JEEP 234	64828	2020/12/05	0905144 B.C. Ltd	100.00	115G05	L	LQ00468
JEEP 236	64830	2020/12/05	0905144 B.C. Ltd	100.00	115G05	L	LQ00468
JEEP 238	64122	2020/12/05	0905144 B.C. Ltd	100.00	115G05	L	LQ00468
JEEP 240	64832	2020/12/05	0905144 B.C. Ltd	100.00	115G05	L	LQ00468
JEEP 242	64834	2020/12/05	0905144 B.C. Ltd	100.00	115G05	L	LQ00468
JEEP 244	64836	2020/12/05	0905144 B.C. Ltd	100.00	115G05	L	LQ00468
JEEP 265	66569	2020/12/05	0905144 B.C. Ltd	100.00	115G06	L	LQ00468
JEEP 267 - 268	66571 - 66572	2020/12/05	0905144 B.C. Ltd	100.00	115G06	L	LQ00468
KAT 1 - 34	YD127061 - YD127094	2019/12/05	0905144 B.C. Ltd	100.00	115G05	HW07497	LQ00468
KAT 35 - 42	YD127095 - YD127102	2018/12/05	0905144 B.C. Ltd	100.00	115G05, 115G06		LQ00468
KAT 43 - 82	YE70953 - YE70992	2018/12/05	0905144 B.C. Ltd	100.00	115G05	HW07497	LQ00468
KAT 83 - 86	YE70993 - YE70996	2019/12/05	0905144 B.C. Ltd	100.00	115G05	HW07497	LQ00468
MAC 1 - 5	63021 - 63025	2020/12/05	0905144 B.C. Ltd	100.00	115G05	L	LQ00468
MAC 6 - 7	63026 - 63027	2020/12/05	0905144 B.C. Ltd	100.00	115G05	L	LQ00323, LQ00468
MAC 8	63028	2020/12/05	0905144 B.C. Ltd	100.00	115G05	L	LQ00468
MUS 5 - 6	YA94966 - YA94967	2020/02/11	0905144 B.C. Ltd	100.00	115G05	HW07497	LQ00468
MUS 12	YA96015	2020/02/11	0905144 B.C. Ltd	100.00	115G05	HW07497	LQ00468
MUS 14	YA96017	2020/02/11	0905144 B.C. Ltd	100.00	115G05	HW07497	LQ00468
MUS 16	YA96019	2020/02/11	0905144 B.C. Ltd	100.00	115G05	HW07497	LQ00468
QC 1 - 2	YF35387 - YF35388	2019/01/09	0905144 B.C. Ltd	100.00	115G11		LQ00323, LQ00468

Total claims selected : 401

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Right column indicator legend:

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

## Claim Status Report

Claim Name and Nbr.	Grant No.	Expiry Date	Registered Owner	% Owned	NTS #'s	Grouping	Permit
QC 3 - 4	YF35497 - YF35498	2019/01/09	0905144 B.C. Ltd	100.00	115G11		LQ00323, LQ00468
QC 5 - 6	YF35499 - YF35500	2019/01/09	0905144 B.C. Ltd	100.00	115G11		LQ00468
QUILL	70829	2020/12/05	0905144 B.C. Ltd	100.00	115G05	LF	LQ00323, LQ00468
QUILL 1 - 4	60767 - 60770	2020/12/05	0905144 B.C. Ltd	100.00	115G05	L	LQ00323, LQ00468
QUILL 5 - 8	60771 - 60774	2020/12/05	0905144 B.C. Ltd	100.00	115G05	L	LQ00468
RAM 1 - 8	60791 - 60798	2020/12/05	0905144 B.C. Ltd	100.00	115G05	L	LQ00468
RED 1	63037	2020/12/05	0905144 B.C. Ltd	100.00	115G06	L	LQ00468
RED 2 - 3	63038 - 63039	2020/12/05	0905144 B.C. Ltd	100.00	115G05	L	LQ00323, LQ00468
RED 4 - 8	63040 - 63044	2020/12/05	0905144 B.C. Ltd	100.00	115G05	L	LQ00468
ROSS 1 - 4	71432 - 71435	2020/12/05	0905144 B.C. Ltd	100.00	115G05, 115G06	L	LQ00468
ROSS 15 - 16	64076 - 64077	2020/12/05	0905144 B.C. Ltd	100.00	115G06	L	LQ00468
ROSS 25	64066	2020/12/05	0905144 B.C. Ltd	100.00	115G06	L	LQ00468
ROSS 85 - 86	64086 - 64087	2020/12/05	0905144 B.C. Ltd	100.00	115G06	L	LQ00468
ROSS 94	64084	2020/12/05	0905144 B.C. Ltd	100.00	115G05	LF	LQ00468
ROSS 95	64085	2020/12/05	0905144 B.C. Ltd	100.00	115G05	L	LQ00468
ROSS 96	64587	2020/12/05	0905144 B.C. Ltd	100.00	115G06	LF	LQ00468
RUB 1 - 29	YC40144 - YC40172	2029/02/23	0905144 B.C. Ltd	100.00	115G06		LQ00468
SAM 1 - 8	63013 - 63020	2020/12/05	0905144 B.C. Ltd	100.00	115G05	L	LQ00468
WAGONER 1 - 2	60783 - 60784	2020/12/05	0905144 B.C. Ltd	100.00	115G05	L	LQ00468
WAGONER 3	60785	2020/12/05	0905144 B.C. Ltd	100.00	115G05	L	LQ00323, LQ00468
WAGONER 4	60786	2020/12/05	0905144 B.C. Ltd	100.00	115G05	L	LQ00468
WAGONER 5	60787	2020/12/05	0905144 B.C. Ltd	100.00	115G05	L	LQ00323, LQ00468
WAGONER 6	60788	2020/12/05	0905144 B.C. Ltd	100.00	115G05	L	LQ00468
WAGONER 7	60789	2020/12/05	0905144 B.C. Ltd	100.00	115G05	L	LQ00323, LQ00468
WAGONER 8	60790	2020/12/05	0905144 B.C. Ltd	100.00	115G05	L	LQ00468
WG 1 - 3	YD87963 - YD87965	2018/02/13	0905144 B.C. Ltd	100.00	115G12, 115G05	F	LQ00468

Total claims selected : 401

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Energy, Mines and Resources

## Claim Status Report

Claim Name and Nbr.	Grant No.	Expiry Date	Registered Owner	% Owned	NTS #'s	Grouping	Permit
WG 4	YD87966	2018/02/13	0905144 B.C. Ltd	100.00	115G05		LQ00468
WG 5 - 6	YD87967 - YD87968	2018/02/13	0905144 B.C. Ltd	100.00	115G06, 115G05	F	LQ00468
WG 7	YD87969	2018/02/13	0905144 B.C. Ltd	100.00	115G06		LQ00468
WG 8	YD87970	2018/02/13	0905144 B.C. Ltd	100.00	115G06	F	LQ00468
WG 9 - 10	YD87971 - YD87972	2018/02/13	0905144 B.C. Ltd	100.00	115G06		LQ00468
WG 11	YD87973	2018/02/13	0905144 B.C. Ltd	100.00	115G06	F	LQ00468
WG 12 - 17	YD87974 - YD87979	2018/02/13	0905144 B.C. Ltd	100.00	115G06		LQ00468

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

CLAIM DISTRICT: 1000004 CLAIM STATUS: ACTIVE & PENDING OWNER(S): 0905144 B.C. LTD REGULATION TYPE: QUARTZ

Total claims selected : 401

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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

#### Wildlife and Wildlife Habitat

##### Ungulates

- All programs will be conducted in collaboration with KFN Land and Resources department and YG as required to ensure that appropriate adaptive management procedures are developed and followed.
- The proponent will avoid helicopter flights within 1 km of sheep and/or mountain goat lambing/kidding areas between May 1st and June 15th.
- The proponent will conduct a sheep observation plan as advised by professional ungulate biologist and in conjunction with Kluane First Nation and follow an adaptive management plan to monitor and reduce potential effects on sheep during the winter season (October 1- May 30) if project is active. The same practice will be followed during lambing/kidding between May 1st and June 15th.
- The proponent shall report any caribou sighting to Kluane First Nation and to the YG Environment's Regional Biologist to allow for adaptive management in mitigating project effects on caribou.
- Nickel Creek Platinum commits to submitting sheep mitigations and a monitoring plan to the Manager of Mining land for review and approval.
- The annual exploration plans shall be reviewed by a biologist, and site specific considerations for sheep be incorporated into an annual management plan to be provided to KFN and the Regional Biologist for review and comment.
- When the total extent of exploration activity does not exceed a maximum size of of <400 ha in any given year. In this case 400 ha corresponds to approximately 2% of the total potential thornhorn sheep habitat in the surrounding mountain blocks, as defined by the area above treeline. Industrial activities will not be initiated in potential lambing habitat during the lambing period, May 1 – June 15, and in potential winter habitat during the late winter period, January 1 – April 30.

##### Avian Wildlife

- Clearing vegetation outside of the migratory bird---nesting season (i.e., between May 1st –July 31st). If clearing must occur during this period, then nest surveys will be conducted by qualified and experienced biologists prior to clearing. If active nests are discovered, the proponent will postpone activities near the nesting area until nesting is completed.
- No exploration activity will be conducted within 1 km of a known raptor nest between April 15th and July 31st. The proponent will contact the Yukon Government, Department of Environment, for information on the location of raptor nesting sites. The proponent will develop a helicopter flight path with YG Environment that avoids or minimizes disturbance to raptors.

##### Bears

- The proponent will update the existing wildlife management plan to accommodate any potential winter requirements and continue its enforcement through all seasons.
- All attractants, including kitchen waste, solid waste and food, shall be stored in such a way that prevents access by wildlife until properly disposed of in accordance with the Solid Waste Regulations by transporting to a licensed landfill facility.

- The following items will be included in the maintenance management plan Nickel Creek Platinum is developing for this project:
  - Food is kept indoors in the main kitchen trailer where it is stored in fridges/freezers and bear---proof containers. This includes any canned non---perishable goods, frozen food, dry goods and perishables. While food is kept in the same building as the kitchen and dining area, the facility is well secured and impenetrable by animals. Leftover food at the end of each meal is disposed of immediately into the large dumpsters on site, minimizing any residue odours from attracting wildlife.
  - Areas such as the main office and kitchen, where a lot of activities occur involving food and drinks, will be kept clean at all times. No food and cooking are allowed in other areas such as sleeper trailers. If food is taken out into the field, field crews are required to pack food and drinks in airtight containers and ensure all garbage is packed and brought back to camp for disposal.
- Feeding of bears or other wildlife is prohibited.
- Kitchen waste, putrescibles and other general garbage is disposed of daily into the dumpster to avoid accumulation and odor buildup. These dumpsters are emptied weekly or more frequently, as required, by a contractor and waste hauled to Whitehorse landfill.
- A staff member at camp will be responsible for ensuring food and wastes are managed according to the company's Waste Management Plan (under development with KFN). A clean camp and timely disposal of waste ensures that any wildlife attractants at camp are eliminated.
- The proponent will notify the Regional Biologist and District Conservation Officer if any bears or other carnivores are frequenting the camp or exploration areas for advice on further mitigation.
- The proponent will install an electric fence around camp and fuel caches
- The Proponent will conduct daily inspections of drill sites and camp to ensure proper waste management practices are adhered to (no garbage/attractants at drill sites).

#### Rare Species

- All personal at site will be required to fill out the wildlife sighting log. The log will be compiled each year as part of annual reporting. Posters describing the Kluane Tiger Moth will be put up in public areas of camp including the office and kitchen and site personal will be asked to include any possible sightings on in the wildlife sighting log. The proponent will incorporate SARA recovery strategies, and will include these strategies in its updated Wildlife Management Plan

#### Heritage Resources

- Prepare a Heritage Resource Overview Assessment Report in collaboration with KFN early in the project.
- Kluane First Nation will be notified of any heritage resources encountered on site.
- Adoption of the Yukon Mineral Exploration Best Management Practices for Heritage Resources.
- Exploration activities including line cutting will be discussed and mapped in consultation with KFN to ensure that these activities do not adversely affect known heritage trails, and potential heritage sites. These sites will be avoided.
  - Maintain a 30 m buffer around the historic site to avoid damaging artifacts.

- Contact KFN Heritage Department and YG Heritage Branch if any historical resources are located.
- Review the Yukon Governments “Handbook for the Identification of Heritage Sites and Features”.
- Development of a “Chance Find Procedure”, training of all personnel in its implementation during site orientation. A typical Chance Find Procedure is described in response #64, YOR document 2017-0044-022-1.
- The field assessment could have the following outcomes:
  - 4. If a human burial, the appropriate authority is to be contacted. The find must be evaluated by a human burial specialist to decide if Rescue Excavation is feasible, or if it is a Major Find.
  - 5. If the fossils are in an archaeological context, an archaeologist must be contacted to evaluate the site and decide if Rescue Excavation is feasible, or if it is a Major Find.
  - 6. If the fossils are in a palaeontological context, the paleontologist must evaluate the site and decide if Rescue Excavation is feasible, or if it is a Major Find.

#### Other Land Users

- Nickel Creek Platinum will continue to provide project updates including relevant study summaries to WRFN
- A Traffic Management Plan will be developed for the project, with input and review from KFN. The specific targets of this plan are to:
  - Design, construct and maintain Project roads so that they are safe for designated uses;
  - Manage traffic to and from site, and in and around the exploration sites in a manner that promotes safety and reduces inconveniences for the public and workers;
  - Divert traffic away from and/or around hazardous waste
  - Prevent adverse effects on wildlife and wildlife habitats
  - Reduce dust and implement dust control procedures, as required
  - Reduce noise and implement noise control procedures, as required
  - Provide a framework for road maintenance procedures
  - Specify details for record keeping and reporting relating to traffic management; and
  - Identify roles and responsibilities, procedures and training specific to air quality and dust control management.
- The company will provide a pre-season report to Parks Canada so they can notify visitors of seasonal activities.