



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

January 23, 2019

File No: LP01270

Grant Allan  
P.O Box 31486  
Whitehorse, YT  
Y1A 6K8

Dear Sir/Madam:

**Re: Class 3 Placer 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 January 23, 2019. All work, including restoration, must be completed by January 16, 2029, 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 enhance the environmental performance of your program, but are not approval conditions.

Please feel free to contact our office at (867) 993-5343 should you have any questions.

Regards,

A handwritten signature in blue ink, appearing to read "B Milnes", is written over a horizontal line.

Bobbie Milnes  
Chief of Placer 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 *Placer Mining Act* and the *Placer Mining Land Use Regulation*, the Chief, Placer Land Use hereby grants a Class 3 approval to:

Grant Allan  
P.O Box 31486  
Whitehorse, YT  
Y1A 6K8

APPROVAL NUMBER: LP01270  
PROPERTY NAME: West Dawson  
UNDERTAKING: Placer  
CLASS: Class 3 Approval  
EFFECTIVE DATE: January 23, 2019  
EXPIRY DATE: January 16, 2029 or until a Class 4 approval is issued, whichever occurs first

This approval shall be subject to the restrictions and conditions contained herein and to the restrictions and conditions contained in the *Placer Mining Act* and the *Placer Mining Land Use Regulation* made thereunder as proposed in Mining Land Use Application LP01270.

Dated this January 23, 2019

  
\_\_\_\_\_  
Bobbie Milnes  
Chief of Placer Land Use

**PLACER MINING LAND USE  
APPROVAL  
Class 3**

<b>SCOPE OF APPROVAL:</b>			
Claim Status Report (Appendix A)		LP01270	
Operating Season	December 1 to October 31	West Dawson	
<b>PROJECT ACTIVITIES (ON-GLAIM):</b>			
<b>USE OF VEHICLES/EQUIPMENT</b>			
Use of vehicles on existing roads or trails			<input type="radio"/> No <input checked="" type="radio"/> Yes
Gross vehicle weight	On-roads: less than 40 t	On-trails: less than 20 t	
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>			
Upgrading of existing access	<input type="radio"/> No <input checked="" type="radio"/> Yes	Length: 1000 m	Width: 3 m
New roads	<input checked="" type="radio"/> No <input type="radio"/> Yes	Length: x km	Width: x m
New trails	<input type="radio"/> No <input checked="" type="radio"/> Yes	Length: 620 m	Width: 3 m
Other new access:			
<b>LINES &amp; CORRIDORS</b>			
Lines	<input type="radio"/> No <input checked="" type="radio"/> Yes	Length: 99 m	Width: 1 m
Corridors	<input checked="" type="radio"/> No <input type="radio"/> Yes	Length: x km	Width: x m
<b>SITE PREPARATION</b>			
Total area stripped	Area: 600 m <sup>2</sup>		
Ditching and Drains	<input type="radio"/> No <input checked="" type="radio"/> Yes	Total Volume: 250 m <sup>3</sup>	
Height of Overburden Piles	Height: 4 m		
<b>EXPLORATION TRENCHING &amp; SHAFTING</b>			
Hand-dug			<input type="radio"/> No <input checked="" type="radio"/> Yes
Mechanized			<input type="radio"/> No <input checked="" type="radio"/> Yes
Number: 10	Length: 99 m	Width: 2 m	Depth: 4 m
Total volume: 7920 m <sup>3</sup>			
Shafting and Drifting (by hand): Total: 300 m			<input type="radio"/> No <input checked="" type="radio"/> Yes
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	NUMBER OF HOLES	DEPTH (m)	
Auger	500	10-12	

**PLACER MINING LAND USE  
APPROVAL  
Class 3**

<b>FUEL STORAGE</b>		
<b>FUEL TYPE</b>	<b>STORAGE TYPE &amp; CAPACITY</b>	<b>TOTAL VOLUME</b>
Diesel	250 Gallon Drum (2)	1894 L
Diesel	45 Gallon Drum (10)	1700 L
Gas	250 Gallon Drum (2)	1894 L
<b>FACILITIES &amp; STRUCTURES</b>		
Camp structures: Mobile framed buildings and a timber frame shop		
Total Number of camps: 2		
Number of persons in camp at any one time: 5		Number of person days: 500

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.



**PLACER MINING LAND USE  
APPROVAL  
Class 3**

**Definitions**

“**Act**” means the *Placer Mining Act*, SY 2003, c.13; SY 2013, c.18;

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

“**Chief**” means Chief of Placer Land Use, pursuant to the Act.

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

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

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

“**Corridor**” means a path from which trees and brush have been cut to accommodate a trail, waterline, fuel line or power line.

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

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

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

“**Stripping**” means excavation, undertaken as part of an operation that is limited to the removal of trees, brush and the vegetative mat.

“**Trail**” means an access to a site within a claim or lease that is constructed with little or no movement of rock or earth.

“**Upgrading**”, in relation to 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 the road was originally designed to serve and any other upgrading or modifying of a road, other than for maintenance or erosion control.

## **PART ONE – GENERAL REQUIREMENTS**

### **Duration of Approval**

- 1.0 This approval is valid upon signature of the Chief until the expiry date or until a Class 4 approval is issued. In the event that mineral titles lapse, or that agreements to operate on mineral titles are dissolved, the Approval becomes null and void for that portion of the operating plan, where there is no right to the minerals.
- 1.1 All outstanding reclamation continues to be the responsibility of the operator.

### **Compliance with Operating Conditions**

- 1.2 All operating activities must comply with the Operating Conditions contained in Schedule 1 of the *Placer Mining Land Use Regulation*. These Operating Conditions are enforceable.

## **PART TWO - REPORTING REQUIREMENTS**

### **Contact Numbers/Planning and Communication**

- 2.0 Submissions and reports to the Chief should be made in duplicate to the following addresses:

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

Mining Lands Officer  
Box 249  
Dawson City, YT Y0B 1G0  
867-993-5343  
dawson.mining@gov.yk.ca

- 2.1 The contact for the operator will be:

Grant Allan  
P.O Box 31486  
Whitehorse, YT  
Y1A 6K8  
gallan@northwestel.net  
867-332-9975

- 2.2 All spills must be reported immediately to the 24-Hour Yukon Spill Reporting Line (867) 667-7244 and to the Klondike Mining Inspections Office (Compliance, Monitoring and Inspections) at (867) 993-7300.
- 2.3 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.
- 2.4 The operator shall contact the Klondike Mining Inspections Office (Compliance, Monitoring and Inspections) at (867) 993-7300 at least 14 days prior to commencing the field season.
- 2.5 The operator shall contact the Klondike Mining Inspections Office (Compliance, Monitoring and Inspections) at (867) 993-7300 at least 14 days prior to leaving the site at the end of the operation.

## **Heritage**

- 2.6 All palaeontological resources uncovered during operations shall be reported to the Yukon Palaeontology Program, Government of Yukon in Whitehorse at (867) 667-8089 or (867) 667-5386.
- 2.7 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.
- 2.8 Upon discovery of a heritage resource, the operator shall notify the Heritage Department of Tr'ondëk Hwëch'in in addition to Government of Yukon, Chief of Mining Lands and Yukon Heritage.

## **Wildlife**

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

## **PART THREE – TERMS AND CONDITIONS**

### **Erosion Control and Permafrost**

- 3.0 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
- 3.1 The operator shall maintain a 30 m buffer from all watercourses in which no exploration activities, or overburden storage, shall occur.
- 3.2 The operator shall implement temporary and permanent erosion and sediment control measures on all disturbed areas before, during, and after activities to prevent erosion and sedimentation.
- 3.3 The operator shall remove any foreign soil and plant material from equipment prior to moving it into the project area.

### **Disposal of Wastes/Cleanliness**

- 3.4 The operator shall store all attractants, including garbage, kitchen waste and strained solids from grey water in a container that prevents access by bears and other wildlife, until properly disposed of according to the Solid Waste Regulation or burned daily to ash by forced air and fuel fired incineration according to the Air Emissions Regulations.
- 3.5 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.
- 3.6 An electric fence shall be installed around the food preparation and storage area and grey water sump to prevent habituation of bears to camp waste.



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

- 3.7 All fuel cache(s) must be protected with an earthen berm or suitable barrier and flagged to prevent spills resulting from accidental contact with heavy equipment. Flags should be visible above the snow pack.
- 3.8 The operator shall clearly identify the owner, the contents and the date on fuel drums to establish and manage ownership and responsibility.

### **Spills and Spill Contingency Plans**

- 3.9 All fuel spill equipment and materials must be maintained in a state of readiness sufficient at all times to contain and clean-up any hazardous materials spills.
- 3.10 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.

### **Use of Vehicles**

- 3.11 Vehicles and equipment shall be washed of debris and inspected for leaks prior to any fording event.

### **Trenching**

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

### **Drilling**

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

### **Wildlife**

- 3.15 The operator shall minimize impediments to wildlife movement within the project area (ie. while trenching or shafting) and shall ensure that all access routes and wildlife pathways remain open at all times for ease of wildlife movement.
- 3.16 The operator 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.
- 3.17 If active bird nests are discovered, project activities are to be postponed in the nesting area until nesting is complete.
- 3.18 If large mammals (i.e. ungulates such as caribou and moose, carnivores such as bears, wolves, lynx, etc.) are observed on actively worked claims in the project area, work shall be stopped until the animals leave the active work area of their own accord.

## **Vegetation**

3.19 A qualified biologist or locally knowledgeable vegetation expert shall conduct a vegetation assessment prior to activities such as land clearing and/or the development of exploration-related infrastructure within claims Tandem 3, 7 and 8 to identify Spotted Lady Slipper orchid or Yukon Stitchwort, and identify areas containing their specific habitat requirements. The operator shall report the results of the pre-activity vegetation assessment to the Chief for review of results and proposed mitigations to avoid impacts to rare plants and their habitat. The operator shall implement mitigations as directed in writing by the Chief. For further information on mitigation for protection of rare species, the operator should contact the Yukon Conservation Data Centre at 1-800-661-0408 or [yukoncdc@gov.yk.ca](mailto:yukoncdc@gov.yk.ca).

## **Access**

3.20 The following term was added by Tr'ondëk Hwëch'in: The operator shall hold a valid TH Access Notice Certificate and/or Land Use Permit, which shall detail permission, terms and conditions for access through Settlement Land. Note that access along the "Old Wagon Road" through S-104F/SD is not permitted. Access through C-88FS/D, S214B and C-92FS/D will be permitted on the condition there are no upgrades, changes, improvements, developments to, or maintenance/amendments of the routes.

## **Proponent Commitments**

3.21 The following term was added by Tr'ondëk Hwëch'in: The operator shall abide by the commitments listed in Appendix A of the YESAB Evaluation Report: Relevant Proponent commitments.

## **Underground Workings**

3.22 The operator shall contact and meet with the Mine Safety Officer at the Yukon Workers Compensation Health and Safety Board (867) 667-8739 at least thirty (30) days prior to the commencement of any underground activity (i.e. shafting or drifting). Prior to conducting any underground activities, the operator shall notify the Chief of Mining Land Use and Compliance Monitoring and Inspections at [CMI-MIN-KLONDIKE@gov.yk.ca](mailto:CMI-MIN-KLONDIKE@gov.yk.ca) in writing that this meeting has occurred.

## **Security**

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

## **Reclamation**

3.24 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.

3.25 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.

## **PART FOUR – FINAL DECOMMISSIONING**

- 4.0 All petroleum products and any other hazardous substance must be removed from the site when the operation ceases.
- 4.1 All waste petroleum products and any other special waste, as defined in the *Special Waste Regulations*, generated in the course of carrying out the operation must be disposed of in accordance with the *Special Waste Regulations* when the program ceases.
- 4.2 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 as often as is practicable throughout the mining season and completely at the cessation of the operation.
- 4.3 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.
- 4.4 Final reclamation 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 for re-establishment of vegetative mat and erosion control.

## **PART FIVE – OTHER MATTERS**

### **Applicable Laws**

- 5.0 All other applicable legislation, regulations, laws, by-laws and ordinances must be complied with. Additional authorizations or approvals may be required. Any doubt as to whether an additional authorization or approval is required should be verified by a duly authorized official at the appropriate government body or bodies.
- 5.1 Notice of Schedule III must be provided to the Yukon Water Board ten (10) days prior to use of water.
- 5.2 Attached (Appendix C) are the commitments that form part of this operating plan.



# LP01270 Appendix A

## Claim Status Report

04 December 2018

Claim Name and Nbr.	Grant No.	Expiry Date	Registered Owner	% Owned	Excess NTS #'s	Grouping	Permit
R Kim	P 36741	2019/04/09	Grant N. Allan	100.00	6 116B03c	GD00737	LP01270
R Tandem	P 36804	2019/04/09	Grant N. Allan	100.00	6 116B03c	GD00737	LP01270
R Tandem 2	P 36805	2019/04/09	Grant N. Allan	100.00	6 116B03c	GD00737	LP01270
R Tandem 3	P 36806	2019/04/09	Grant N. Allan	100.00	7 116B03c	GD00737	LP01270
R Tandem 5 - 6	P 36808 - P 36809	2019/04/09	Grant N. Allan	100.00	6 116B03c	GD00737	LP01270
R Tandem 7	P 37709	2019/04/09	Grant N. Allan	100.00	7 116B03c	GD00737	LP01270
R Tandem 8	P 49591	2019/04/06	Grant N. Allan	100.00	7 116B03c	GD00737	LP01270

Criteria(s) used for search:

CLAIM DISTRICT: 1000002 CLAIM STATUS: ACTIVE & PENDING DOCUMENT NUMBER: LP01270 REGULATION TYPE: PLACER

Total claims selected : 8

Left column indicator legend:

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

Right column indicator legend:

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

## **APPENDIX B**

### *Placer Mining Land Use Regulation*

#### **Schedule 1** **Operating Conditions**

##### **A Removal of the vegetative mat**

1. If the vegetative mat must be removed to carry out an operation, it must be removed so as to protect the seed and root stock contained within the mat and be stored separately from any overburden or bedrock removed for use in re-establishing the vegetative mat when the operation ceases.

##### **B Re-establishment of the vegetative mat**

2.(1) All vegetated areas disturbed by operation activities, including fuel and waste storage areas, clearings, corridors, 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 revegetation comparable to similar, naturally occurring, environments in the area.

(2) Conditions conducive to re-vegetation include provision of an 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 stock or root stock is not naturally available, re-seeding or transplanting of vegetation is required. Only non-invasive species may be used for reseeding or transplanting.

##### **C Erosion control and permafrost**

4. All areas disturbed during an operation must be resloped, contoured or otherwise stabilized to prevent longterm soil erosion, slumping and subsidence.

5. All operations must be carried out to avoid or minimize damage to and loss of permafrost.

##### **D 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 backfilled by first depositing any removed overburden and bedrock and then replacing the vegetative mat that was removed to construct the trench.

##### **E Historic objects and burial grounds**

8. Operations must not be carried out within 30m of a known archaeological or palaeontological site unless the Chief indicates, in writing, that such activities may be carried out.

9. Any sites containing archaeological objects, palaeontological objects or human remains or burial sites discovered in the course of carrying out an operation 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 the activities may be resumed.

##### **F Solid waste**

10. All solid waste, including debris, equipment, barrels, drums, and scrap metal, must be safely stored on the operation site while the operation is carried out and must be disposed of in accordance with the Solid Waste Regulation when the operation ceases.

11. Camps must be kept clean and tidy.

## **G Petroleum fuel and hazardous substances**

12. If petroleum fuel storage capacity exceeds 4000L, a secondary containment structure must be constructed. The containment structure must be made of a material impervious to petroleum products and

(a) if there is a single storage tank, be of sufficient size to accommodate at least 110% of the capacity of the storage tank; or

(b) if there is more than one storage tank, be of sufficient size to accommodate 110% of the capacity of the largest storage tank or 10% of the total capacity of all of the tanks, whichever is greater.

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 substances, must be transferred and handled without spillage.

15. All petroleum products and any other hazardous substances must be removed from the site of the operation when the operation ceases.

16. All waste petroleum products and any other special waste, as defined in the Special Waste Regulation, generated in the course of carrying out the operation must be disposed of in accordance with the Special Waste Regulation when the operation ceases.

## **H Spills and spill contingency plans**

17. A spill contingency plan for petroleum products and other hazardous substances must be prepared and posted in the camp and at all fuel handling locations used in carrying out the operation.

18. All spill clean-up equipment and materials must be maintained in a state of readiness sufficient at all times to contain and clean-up any hazardous materials 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.

## **I Use of vehicles**

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

## **J Timber and brush**

21. Cut brush must not be piled so that it blocks movement of wildlife or people.

22. Leaning trees created by the cutting of lines, corridors, 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.

## **K Drilling**

25. All reasonable efforts must be made when drilling to minimize impact on wildlife and the public.

26. Drill holes that pose a hazard or that lead to ground water must be plugged to prevent flow of water to the surface.

27. The location of drill holes must be marked by flagging or other suitable means at the location of the drill hole.

**L Roads, trails and off-road and trail use**

28. All vehicles must be operated to avoid rutting and gouging of roads and trails.

29. Off road and trail routes must be reconnoitered and must be used in a way that minimizes ground disturbances, including damage to permafrost and sensitive wildlife habitat.

30. 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.

31. 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.

32. Routes for trails must be reconnoitered and flagged.

**M Release of sediment**

33. All reasonable care must be taken in carrying out an operation near or adjacent to a water body to prevent sediment from entering a water body, unless otherwise permitted by law.

**N Use of explosives**

34. Explosives must be set off in a manner to minimize impact on wildlife and the public and to ensure that forest fires, unplanned landslides, or artificial damming of water bodies does not occur.

## APPENDIX C

### Proponent Commitments

- The Proponent will not affect public access to water from Dawson Creek (YOR 2018-0060-038-1).
- Pond dugouts could be armoured with riprap on the downhill side to prevent wall sloughing and accidental surface discharge (YOR 2018-0060-007-1).
- Test operation consisting of washing gravels in an out of stream pond system will recycle 100% of water used, up to 300 m<sup>3</sup>/day will be required to fill pond and make-up water (YOR 2018-0060-058-1)
- A system of zero water discharge to creeks will be implemented into the design and construction phase of ponds (YOR 2018-0060-058-1).
- Most commonly used fords will be lined with creek gravels to reduce sediment stir-up during fording (YOR 2018-0060-058-1).
- Only ford 2, 4 and 6 of the 6 identified fords in the Project maps (or Fords A, B, C on map in YOR 2018-0060-065-1) will be utilized during Project operations (YOR 2018-0060-065-1).
- Removed overburden will be ramped up towards the valley wall or in the upstream or downstream directions (YOR 2018-0060-007-1).
- Areas that are tested and do not prove any significant value will be re-claimed (YOR 2018-0060-007-1).
- Claims and exploration plans will not interfere with orchids that grow to the south of the claim block. (YOR 2018-0060-038-1)
- No mature trees will be removed for resistivity testing (YOR 2018-0060-007-1)
- During periods of camp closure, waste will be removed, building will be locked and secured, fuels will be locked and secured or removed from site, open excavations will be marked and escape grades incorporated (YOR 2018-0060-007-1)
- Used oil will be stored in drums and hauled to approved disposal facility regularly, filters and batteries hauled to approved disposal facility regularly (YOR 2018-0060-007-1)
- Hand shafts will be marked, flagged, some will be cribbed and all will be covered with wood, tarped, and left in safe conditions when not in use (YOR 2018-0060-013-1)
- Trenches will be flagged and marked on the trails so other users are aware of their presence (YOR 2018-0060-013-1)

#### **Traffic:**

- The Project will maintain a speed limit of max 15 km/hour, and 5 km/hour when pedestrians or bicycles are encountered. The policy is to make eye contact and the motorized vehicle stopped if appropriate as persons pass (YOR 2018-0060-065-1).
- On days when any equipment will be working within the area, signs will be posted on all trails in all directions leading to the work site as is normally required and done for all work or construction sites in the Yukon (YOR 2018-0060-065-1).

#### **Trail/Road Use:**

- Existing trails will not be blocked or destroyed (YOR 2018-0060-007-1).
- Trails will not be used while wet, saturated or soft to prevent damage (YOR 2018-0060-045-1).
- The Proponent will maintain roads and trails in order to prevent or remediate degradation through natural erosion and use (YOR 2018-0060-045-1).



**Ground Excavations:**

- Hand shafts will be marked, flagged, some will be cribbed and all will be covered with wood, a tarp and left in safe conditions when not in use (YOR 2018-0060-065-1).
- The Proponent will maintain a 150 m buffer zone between excavations and residences (YOR 2018-0060-058-1).
- Active exploration areas will be marked and in area inaccessible to routine traffic. (YOR 2018-0065-003-1).

**Disturbance to Others:**

- Flagging will be placed around work sites (YOR 2018-0060-065-1).
- No exploration will occur on the settlement lands or private title lots without express written consent from the first nation or affected parties – not even class I activities (YOR 2018-0060-046-1).
- Equipment operation will be between the hours of 0700 and 2200, and the Proponent is amenable to modifying this schedule if operations are close to residences and disruptive (YOR 2018-0060-058-1).
- Muffler and other noise reduction techniques will be used on machinery (YOR 2018-0060-045-1).
- Proponent will endeavor so as not to impede the use of the area by others. (YOR 2018-0065-003-1).

## Operational Guidelines

### ***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](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>)

### ***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))
- The operator should report the presence of any invasive plants that are listed on the Yukon Invasive Species Council website: [www.yukoninvasives.com/plants.html](http://www.yukoninvasives.com/plants.html) to Government of Yukon by e-mail ([invasives@gov.yk.ca](mailto:invasives@gov.yk.ca)).

### ***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)).

### ***Other Users***

- The operator is encouraged to contact the trappers using the Registered Trapping Concession that overlaps with the Project to minimize land-use conflicts and to identify areas where there may be traps, snares and other trapping equipment in order to avoid any infrastructure during the Project. Contact YG Department of Environment at 867-667-5600 to acquire trapper contact information.