



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

October 2, 2018

File No: LP01217

Richard Brais
Box 40062
Whitehorse, Yukon
Y1A 6M5

Dear Sir/Madam:

Re: Class 3 Placer 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 October 2, 2018. All work, including restoration, must be completed by October 1, 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 enhance the environmental performance of your program, but are not approval conditions.

Please feel free to contact our office at (867) 667-3107 should you have any questions.

Regards,

FOR Bobbie Milnes
Chief, 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:

Richard Brais
Box 40062
Whitehorse, Yukon
Y1A 6M5

APPROVAL NUMBER: LP01217
PROPERTY NAME: Stoney Creek
UNDERTAKING: Placer
CLASS: Class 3 Approval
EFFECTIVE DATE: October 2, 2018
EXPIRY DATE: October 1, 2028

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 LP01217.

Dated this October 2, 2018

FOR 
Bobbie Milnes
Chief, Placer Land Use

SCOPE OF APPROVAL:				
Claim Status Report (Appendix A)			LP01217	
Operating Season	Jan 1 st to December 31 st		Stoney Creek	
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: >40t		On-trails: <20t	
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: x km	Width: x m	
New roads	<input checked="" type="radio"/> No <input type="radio"/> Yes	Length: x km	Width: x m	
New trails	<input checked="" type="radio"/> No <input type="radio"/> Yes	Length: x km	Width: x m	
New temporary trails	<input checked="" type="radio"/> No <input type="radio"/> Yes	Length: x km	Width: x m	
Other new access: None				
LINES & CORRIDORS				
Lines	<input checked="" type="radio"/> No <input type="radio"/> Yes	Length: x km	Width: x m	
Corridors	<input checked="" type="radio"/> No <input type="radio"/> Yes	Length: x km	Width: x m	
SITE PREPARATION				
Removal of the vegetative mat			<input type="radio"/> No <input checked="" type="radio"/> Yes	
Ditching and Drains: Total Volume 200m ³				
EXPLORATION TRENCHING & BULK SAMPLING				
Hand-dug			<input type="radio"/> No <input checked="" type="radio"/> Yes	
Mechanized			<input type="radio"/> No <input checked="" type="radio"/> Yes	
Number: 1	Length: 200 m	Width: 1 m	Depth: 1 m	Total volume: 200 m ³
Bulk sampling			<input checked="" type="radio"/> No <input type="radio"/> Yes	Amount/year: x tonnes
Explosives		<input checked="" type="radio"/> No <input type="radio"/> Yes	Total amount: x kg	Max. in 30 days: x kg
EXPLORATION DRILLING: None				
The following items were part of the Class 1 program and must be reclaimed as part of LP01217:				
<ul style="list-style-type: none"> • Two excavation cuts (approx. 20,000 m³) • Two test pits (hand dug) • Removal of all structures and equipment including but not limited to: two small trommels, two trucks, trailer, camper, water pump including various debris and lay down items 				

FUEL STORAGE		
FUEL TYPE	STORAGE TYPE & CAPACITY	TOTAL VOLUME
Diesel	45 gallon drums	808 L
Gas	45 gallon drums	808 L
FACILITIES & STRUCTURES		
Camp structures: Temporary cabin		
Number of persons in camp at any one time: 1	Number of person days: 250	
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

**PLACER MINING LAND USE
APPROVAL
Class 3
LP01217
Richard Brais**

SCOPE OF APPROVAL: Claim Status Report (Appendix A)

LOCATION: 105D13, 115A16, Stoney Creek

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.

“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. This approval is valid upon signature of the Chief until the expiry date. 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.
2. All outstanding reclamation continues to be the responsibility of the operator.

Compliance with Operating Conditions

3. 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

4. Submissions and reports to the Chief should be made in duplicate to the following addresses:

Chief, Placer Land Use Box 2703, K-9 Whitehorse, Yukon Y1A 2C6	Mining Lands Officer Room 102 - 300 Main Street Whitehorse, YT Y1A 2B5 867-667-3107 whitehorse.mining@gov.yk.ca
--	---
5. The contact for the operator will be:
Richard Brais
Box 40062
Whitehorse, Yukon
Y1A 6M5
Richard Brais
867-334-3863
6. 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.
7. An operator who takes an emergency remedial measure shall, as soon as possible but not later than 10 days after taking it, send a written report to the Chief describing the duration, nature and extent of the emergency and the measures taken to respond to it.
8. 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.
9. 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

Heritage

10. 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 and affected First Nations.

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.
12. The report(s) developed for Section 23, shall be submitted to Government of Yukon – Mining Lands, Mineral Resources Branch and the Heritage Resources Unit, Cultural Services Branch.

Wildlife

13. All incidents with wildlife shall be reported to the District Conservation Officer in Whitehorse (Southern Lakes Region) at (867) 667-8005 and affected First Nations, as well as any other communication regarding wildlife.

Other Users

14. The Proponent shall communicate plans and timing of activities to other land and resource users that may be affected by the proposed project (e.g. trappers, outfitter, First Nations) as soon as practicable and prior to the commencement of project activities to identify and resolve potential land use conflicts and any potential negative effects on other users.

PART THREE – TERMS AND CONDITIONS

Removal of Vegetative Mat

15. 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.

Re-establishment of vegetative mat

16. All vegetated areas disturbed by operation activities, including fuel and waste storage areas, clearings, corridors, camps and supporting infrastructure, and trenches and drill site, 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.
17. 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, provisions of adequate seed or root stock and contoured or otherwise stable slopes.
18. 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

19. All areas disturbed during an operation must be re-sloped, contoured or otherwise stabilized to prevent long term soil erosion, slumping and subsidence.
20. All activities must be carried out to avoid or minimize damage to and loss of permafrost.
21. 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
22. Mining activities shall be conducted in a manner that does not result in increased bank or channel instability.

Historic Objects and Burial Grounds

23. A Heritage Resources Impact Assessment shall be carried out prior to ground disturbing activities in areas with an elevated potential for the presence of archaeological or historic sites. This assessment shall include input from affected First Nations.
24. Operations must not be carried out within 30m of a known archaeological, palaeontological or burial site unless the Chief indicates, in writing, that such activities may be carried out.
25. Any sites containing archaeological 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.

Disposal of Wastes/Cleanliness

26. All solid waste, including debris, equipment, barrels, drums, and scrap metal, must be safely stored on the site of the operation while the program is carried out and must be disposed of in accordance with the *Solid Waste Regulations*.
27. 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*.
28. 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.
29. Campsites must be kept clean and tidy.

Fuel and Chemical Storage and Handling

30. 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.
31. 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.
32. 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.
33. All petroleum products, including waste petroleum products, and any other hazardous substances, must be transferred and handled without spillage.
34. 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.
35. 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

36. 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.
37. 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.
38. 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.
39. The location of any spills shall be clearly marked with stakes or flags.

Use of Vehicles

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

Timber and Brush

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

Trenching

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

Roads, trails, and off-road/trail use

50. All vehicles must be operated to avoid rutting and gouging of roads and trails.
51. If rutting, gouging, ponding or permafrost degradation occurs off road or trail, vehicle use must be suspended or relocated to ground that is capable of bearing the weight of the vehicle without causing such damage and the former routes must be restored in compliance with the operating conditions for re-establishment of the vegetative mat and erosion control.
52. 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.
53. 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.
54. Routes for trails must be reconnoitered and flagged.

Release of sediment

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

Signage

56. Fencing and signage shall be used to prevent or reasonably restrict access to mine adits and shafts.

Security

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

Reclamation

58. Reclamation shall be progressive in nature where possible and completed before expiry of the approval.
59. All existing disturbance from the Class 1 program including but not limited to removal of structures, removal of equipment, reclamation of adits, underground workings, test pits and all other disturbances shall be progressive in nature where possible and completed before expiry of the approval.

PART FOUR – FINAL DECOMMISSIONING

60. All petroleum products and any other hazardous substance must be removed from the site when the operation ceases.
61. 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.
62. 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.
63. 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.
64. 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

- 65. 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.**
- 66. Notice of Schedule III must be provided to the Yukon Water Board ten (10) days prior to use of water.**

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>)

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)

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).



LP01217 APPENDIX A

Claim Status Report

28 August 2018

Claim Name and Nbr.	Grant No.	Expiry Date	Registered Owner	% Owned	Excess NTS #'s	Grouping	Permit
R HAND-DUG	P 50496	2019/08/06	Richard J. Brais	100.00	5 105D13	GW01070	LP01217
R VERNA	P 50696	2019/08/13	Richard J. Brais	100.00	4 105D13	GW01070	LP01217

Criteria(s) used for search:

CLAIM DISTRICT: 1000004 CLAIM STATUS: ACTIVE & PENDING OWNER(S): BRAIS RICHARD J. REGULATION TYPE: PLACER

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 : 2

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