



Energy, Mines and Resources
Box 2703, Whitehorse, Yukon Y1A 2C6
Mineral Resources Branch (K-9)
Mining Lands

July 25, 2017

File No: LP01216

Robin Kiefer
Kandernerstrasse 49
Steinen, Germany
79585

Dear Sir/Madam:

Re: Class 3 Placer Mining Land Use Approval

Your application for a Class 3 approval has been approved:

- As submitted.
- Subject to the attached conditions.
- Subject to security deposit as received.

The effective date of this approval will be July 25, 2017. All work, including restoration, must be completed by July 24, 2022, 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.

Please feel free to contact our office at (867) 996-2256 should you have any questions.

Regards,



Briar Young
Chief, Mining Land Use

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

**Robin Kiefer
LP01216**

OPERATIONAL GUIDELINES

- If active bird nests are discovered, project activities should be postponed in the nesting area until nesting is completed.
- Mineral activities should follow acknowledged Best Management Practices for Heritage Resources, two relevant examples are: Yukon Placer Mining Best Management Practices for Heritage Resources available online at www.tc.gov.yk.ca/pdf/Placer_Mining_BMP.pdf; and Tr'ondëk Hwëch'in Best Practices for Heritage Resources available online at www.trondek.ca/downloads/THBestPractices.pdf.
- The Proponent should follow applicable best management practices outlined in the publication; Best Management Practices for Works Affecting Water in Yukon available online at www.env.gov.yk.ca/publications-maps/brochures.php#water
- The Proponent should familiarize themselves with Yukon invasive species and how to manage them by referring to the Yukon Invasive Species Council (YISC) document Why Should I Care about Invasive Species? available at www.yukoninvasives.com/pdf_docs/WhyshouldIcare2011_sm.pdf.
- The Proponent should report the presence of any invasive plants that are listed on the Yukon Invasive Species Council website: www.yukoninvasives.com/plants.html to Government of Yukon by e-mail (invasives@gov.yk.ca).
- The Proponent is encouraged to contact the trappers using the Registered Trapping Concessions that overlap 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 information.

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

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

Robin Kiefer
Kandernerstrasse 49
Steinen, Germany
79585

APPROVAL NUMBER: LP01216
PROPERTY NAME: Tintina One
UNDERTAKING: Placer
CLASS: Class 3 Approval
EFFECTIVE DATE: July 25, 2017
EXPIRY DATE: July 24, 2022 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 LP01216.

Dated this July 25, 2017



Briar Young
Chief, Placer Land Use

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

Mining Lands Officer
Box 10, K-MA
Mayo, YT Y0B 1G0
867-996-2256
mayo.mining@gov.yk.ca

5. The contact for the Operator will be:

Robin Kiefer
Kandernerstrasse 49
Steinen, Germany
79585
Robin.Kiefer@web.de

6. All spills must be reported immediately to the 24-Hour Yukon Spill Reporting Line (867) 667-7244 and Compliance, Monitoring and Inspections at (867) 996-2568.
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 Compliance, Monitoring and Inspections at (867) 996-2568 at least 14 days prior to commencing the field season.
9. The operator shall contact Compliance, Monitoring and Inspections at (867) 996-2568 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.
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 21-22, shall be submitted to Government of Yukon – Mining Lands, Mineral Resources Branch and the Heritage Resources Unit, Cultural Services Branch.

22. Subject to the results of the Heritage Resources Overview Assessment, areas with elevated potential for the presence of heritage resources are to be buffered from ground disturbing activities. If this is not possible, the operator shall complete a Heritage Resources Inventory Assessment in advance of activities that disturb the ground surface within areas with elevated potential for the presence of heritage resources.
23. 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.
24. 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, 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.
25. Upon discovery of a heritage resource, the Proponent shall notify the Heritage Departments of Tr'ondëk Hwëch'in and Na-Cho Nyäk Dun First Nation, in addition to Government of Yukon, Chief of Mining Lands and Yukon Heritage.

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.

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.

Wildlife

56. The operator shall ensure that all excavations are sloped to prevent wildlife entrapment and/or injury.
57. If the Clear Creek Caribou Herd migrate within 1 km of an active work area, the proponent shall discontinue operations until the herd have left the area. Caribou shall be given the right of way if encountered on roads or trails.
58. All attractants, including garbage, kitchen waste, and strained solids from grey water, shall be stored in a container that prevents access by bears and other wildlife at all times, until properly disposed according to the Solid Waste Regulations.



Appendix 'A'

Claim Status Report

Energy, Mines and Resources

Claim Name and Nbr.	Grant No.	Expiry Date	Registered Owner	% Owned	Excess NTS #'s	Grouping	Permit
RK I - 4	P 513624 - P 513627	2017/08/08	Robin Kiefer	100.00	0 115P11	C GM00238	
WM I - 4	P 513628 - P 513631	2017/08/08	William Molter	100.00	0 115P11	C GM00238	

Criteria(s) used for search:

CLAIM DISTRICT: 1000003 CLAIM NAME: RK, WM CLAIM STATUS: ACTIVE & PENDING 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 : 8

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

Appendix 'B'
MINING LAND USE
EXPLORATION ACTIVITY
REPORT

LP01216
Class III

Robin Kiefer
Kanderner Str. 49,
79585 Steinen
Germany

ELEMENT	CRITERIA	TERMS AND CONDITIONS
Area stripped per claim per year		Total Stripping = 20,000m ²
Fuel Storage in a stationary container		3364L Diesel (Slip Tanks), 704L Gasoline (Gas Canister)
Height of overburden piles		4m
Nb of person days per camp		856
Nb of persons in a camp at any one time		4
Off Road Use of Vehicles in summer		3kms April - Nov.
Total volume of trenching		100m x 200m x 12m = 240,000m ³
Use of Vehicles on Existing Roads or trails		2km April - Nov.

**Robin Kiefer
LP01216**

Appendix C
Proponent Commitments

- The Proponent has prepared a Fuel Spill Contingency Plan with procedures, training and corresponding equipment to avoid as well as spill handling (YOR 2017-0109-007-1)
- All garbage and waste will be disposed of at the Dawson City landfill on weekly supply trips (YOR 2017-0109-004-2)
- All petroleum waste products will be put inside big plastic bins before being disposed of at the dump/recycling station in Whitehorse (YOR 2017-0109-004-2)
- The trench / mining cut will later be backfilled with the tailings gravels and the stripped off topsoil will be spread over it to enable revegetation (YOR 2017-0109-004-2)
- Responsible, ongoing reclamation work to help revegetate the area quickly (YOR 2017-0109-003-1)