

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

June 7, 2017

File No: LQ00424b

BMC Minerals (No.1) Ltd. 530-1130 West Pender Street Vancouver, BC V6E 4A4

Dear Sir/Madam:

Re: Class 3 Approval

Your application for an amendment to 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 June 7, 2017. All work, including restoration, must be completed by June 28, 2025, 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) 456-3822 should you have any questions.

Yours truly,

Briar Young

Chief, Mining Land Use

CC:

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

BMC Minerals (No.1) Ltd. LQ00424b

OPERATIONAL GUIDELINES

- The operator should contact the Yukon Conservation Data Centre (867-667-5331) for up-to-date information on species of special concern that may be found in the project area. If these species or sign of their presence are identified/encountered in the project area, the operator should contact the Regional Biologist in Watson Lake (867-536-3214) for advice on possible mitigations.
- The operator should incorporate the best management practices found in Environment Yukon's Best Management Practices for Works Affecting Water in Yukon (http://www.env.gov.yk.ca/publicationsmaps/documents/bestpractes_water.pdf) and Yukon Chamber of Mines Yukon Mineral and Coal Exploration Best Management Practices and Regulatory Guide (http://www.yukonminers.ca/images/BMP_RG_October28_REVISED_WebF ile.pdf) when working around water, as applicable.
- The operator should adhere to the applicable best practices as described in Fisheries and Oceans Measures to Avoid Causing Harm to Fish and Fish Habitat available at http://www.dfo-mpo.gc.ca/pnw-ppe/measures-mesures/index-eng.html#.
- The operator should report the presence of any invasive plants that are listed on the Yukon Invasive Species Council website (http://www.yukoninvasives.com/pdf_docs/plants_all_invasives.pdf) to Government of Yukon by e-mail (invasives@gov.yk.ca)



MINING LANDS MINERAL RESOURCES BRANCH GOVERNMENT OF YUKON

Pursuant to the *Quartz Mining Act* and <u>Quartz Mining Land Use Regulation</u>, the Chief, Mining Land Use hereby grants an amendment to a Class 3 Approval to:

BMC Minerals (No.1) Ltd. 530-1130 West Pender Street Vancouver, BC V6E 4A4

APPROVAL NUMBER:

LQ00424

UNDERTAKING:

Quartz

CLASS:

Class 3 Approval

EFFECTIVE DATE:

June 7, 2017

EXPIRY DATE:

June 28, 2025

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 <u>Quartz Mining Land Use Regulation</u> made there under as proposed in Mining Land Use Application LQ00424, LQ00424a and LQ00424b.

Dated this 7th day of June, 2017

Briar Young

Chief, Mining Land Use

MINING LAND USE APPROVAL Class 3 LQ00424b BMC Minerals (No.1) Ltd.

SCOPE OF APPROVAL: See attached Appendix A – Claim List

NTS: 105-G-07; 105-G-08; 105-G-09, 105-G-10

PART ONE – GENERAL REQUIREMENTS

Definitions

- "Chief" means Chief, Mining Land Use pursuant to the Act.
- "Corridor" means a path from which trees and brush have been cut to accommodate a trail, water line, fuel line or power line.
- "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 that is constructed with little or no movement of rock or earth.
- "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.

Duration of Approval

- 1. 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.
- 2. All outstanding reclamation continues to be the responsibility of the operator.

Compliance with Operating Conditions

3. All mineral exploration activities must comply with the *Operating Conditions* contained in Schedule 1 of the <u>Quartz Mining Land Use Regulation</u>. 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, Mining Land Use Box 2703, K-09 Whitehorse, Yukon Y1A 2C6 and

Mining Lands Officer Box 269 Watson Lake, Yukon Y0A 1C0 watson.mining@gov.yk.ca

5. The contact for the operator will be:

BMC Minerals (No.1) Ltd. 530-1130 West Pender Street Vancouver, BC V6E 4A4 778-233-4058 or 778-379-9262 kellib@bmcminerals.com

- 6. All spills must be reported immediately to the 24-Hour Yukon Spill Reporting Line (867) 667-7244 and to the Natural Resource Officer, Mining Division in Watson Lake & Whitehorse (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.** A report shall be submitted at the beginning of each mining season outlining the exploration activities planned for the season including the proposed locations.
- 9. A report shall be submitted at the end of each mining season indicating exploration activities completed during that season. This report shall include but not be 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;
 - reclamation activities and,
 - documentation produced by environmental monitors.

- **10.** The operator shall contact Natural Resource Officer, Mining at Whitehorse (867) 456-3882, at least 14 days prior to commencing the field season.
- 11. The operator shall contact Natural Resource Officer, Mining at Whitehorse (867) 456-3882, at least 14 days prior to leaving the site at the end of the operation.

Heritage

- 12. 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.
- 13. 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.

Wildlife

- 14. All incidents with wildlife shall be reported to the District Conservation Officer in Watson Lake (Liard Region) at (867) 536-3210, as well as any other communication regarding wildlife.
- 15. The operator shall maintain a wildlife log which shall be provided to the Chief, Mining Lands annually. The log shall include the following: date and time of sighting, a detailed location description (coordinates are preferable), species and number of animals, age and sex if possible, activity of the animals, and any other comments.

PART THREE – TERMS AND CONDITIONS

Removal of the Vegetative Mat

- 16. 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 reestablishing the vegetative mat when the exploration program ceases.
- 17. Avoid disturbance to riparian vegetation wherever possible and, if required out of necessity, riparian vegetation shall only be cut to ground level so as not to damage rootstock and promote rapid regeneration.

Re-establishment of the Vegetative Mat

- 18. 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.
- 19. Conditions conducive to re-vegetation include provision of adequate soil layer with moisture retaining ability, no soil contamination by hydrocarbons or other Operating Plan LQ00424- Page 4 of 10

hazardous substances, provision of adequate seed or root stock, and contoured or otherwise stable slopes.

- 20. 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. If seeding is required, the operator shall contact Government of Yukon, Compliance, Monitoring and Inspections for further information on appropriate seed mixes or collection of local seed.
- 21. The operator shall ensure that annual reclamation efforts are successful in reestablishing the vegetative mat and community. A variety of sloping, contouring, scarifying and spreading of fines, silt and/or vegetative mat would prepare the ground to achieve these ends and encourage natural re-vegetation.
- 22. The operator shall familiarize themselves with Yukon invasive species and how to manage them by referring to the Yukon Invasive Species Council document.

Erosion Control and Permafrost

- 23. All areas disturbed during an exploration program must be re-sloped, contoured or otherwise stabilized to prevent long-term soil erosion, slumping and subsidence.
- **24.** All exploration activities must be carried out to avoid or minimize damage to and loss of permafrost.

Historic Objects and Burial Grounds

- **25.** 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.
- 26. Any sites containing archeological objects, palaeontological 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.
- 27. An archaeological inventory of alpine localities zones, particularly in or near ice patch features, shall be completed in advance of any drilling or trail construction in these areas. These portions of the project area are identified for 2015-2019 proposed reconnaissance exploration.
- 28. A heritage resources impact assessment shall be completed in advance of ground-disturbing activities in areas with elevated potential for the presence of archaeological or historic sites where those assessments have not already been conducted. (DD #1)
- 29. Results from the heritage resources impact assessment shall be submitted to Government of Yukon Mining Lands, Mineral Resources Branch and the Heritage Resources Unit, Cultural Services Branch.

Disposal of Wastes/Cleanliness

- **30.** 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 <u>Solid Waste Regulation</u> when the program ceases.
- 31. To prevent the spread of invasive plants, all heavy equipment and vehicles shall be clean and free of seed and plant material prior to entering the project area.
- 32. Camps must be kept clean and tidy.
- 33. 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.
- **34.** 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.

Fuel and Chemical Storage and Handling

- **35.** 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 the tanks, whichever is larger.
- **36.** 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.
- 37. 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.
- **38.** All petroleum products, including waste petroleum products, and any other hazardous substance, must be transferred and handled without spillage.
- 39. All waste petroleum products and any other special waste, as defined in the Special Waste Regulations, generated in the course of carrying out the explorations program must be disposed of in accordance with the Special Waste Regulations when the program ceases.
- **40.** 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

- **41.** 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.
- **42.** 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.
- 43. 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

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

Timber and Brush

- 45. Cut brush must not be piled so that it blocks movement of wildlife or people.
- **46.** Leaning trees created by cutting of lines, corridors, temporary trails, and clearings must be felled.
- **47.** When it is economically viable to do so, timber suitable for sale must be salvaged and stock piled.
- **48.** All risk of fire hazard must be avoided.

Drilling

- **49.** All reasonable efforts must be made when drilling to minimize the impact on wildlife and the public.
- **50.** Vegetation other than that within a drill sump, must not be covered with drill cuttings.
- 51. Core must be stored in a stable fashion.
- **52.** Drill mud must be re-circulated when possible.
- **53.** All drill fluids must be contained in a sump.
- **54.** Drill holes that pose a hazard or that lead to ground water must be plugged in a suitable manner.
- **55.** The location of drill holes must be marked by suitable means at the location of the drill hole.

- **56.** Drilling waste, including fluid, cuttings and mud must not be left within 30m of a water body.
- **57.** The operator must ensure that all employees and contractors working at the drill sites are aware of the operating conditions for drilling.

Roads and Trail Use

- **58.** All vehicles must be operated to avoid rutting and gouging of roads and trails.
- **59.** Trail routes must be reconnoitered and must be used in a way that minimizes ground disturbance, including damage to permafrost and sensitive wildlife habitat.
- **60.** If rutting, gouging, ponding or permafrost degradation occurs on trails, vehicle use must be suspended or relocated to ground that is capable of bearing the weight of the vehicle without causing such damage.
- **61.** 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.
- **62.** Routes for temporary trails must be reconnoitered and flagged.
- **63.** In addition to any remedial action required in relation to re-establishment of the vegetative mat, temporary trails must be blocked to prevent further vehicular access.
- 64. Where the construction of trails cannot be avoided, the operator shall construct trails as narrow as possible and avoid straight lines where possible. This will limit use of trails as 'wolf highways' which can increase predation of ungulates by wolves.

Release of Sediment

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

Wildlife

- 66. If ungulates, bears or wolverines, are encountered while carrying out project activities, the activities shall stop, as long as it is safe to do so, until the animal(s) has left the area. Wildlife shall be given the right of way.
- **67.** The operator shall contact the Watson Lake Regional Biologist for information on appropriate set back distances if nests, dens or mineral licks are encountered. These site-specific features shall not be disturbed.
- 68. The operator shall contact YG, Environment for detailed information on the exact location of mineral licks within the polygon on the Wildlife Key Area maps (note: mineral licks are not situated in the centre of the 5 km diameter circular polygons) and for information on techniques/methodologies related to monitoring mineral licks.

- **69.** Any new mineral licks found by the operator shall be reported to the Watson Lake Regional Biologist.
- 70. The operator shall plan to avoid carrying out their airborne geophysics program during the critical periods for caribou, which in this area is May to July for calving and post-calving and mid-September to mid-October for rutting. The operator shall conduct their airborne geophysics program during late August.
- 71. The operator shall plan to avoid carrying out their helicopter exploration activities during the critical periods for caribou (critical periods for this area are May to July for calving and post-calving and mid-September to mid-October for rutting.) If caribou are present within 1 km of the active work area during these times, helicopter exploration activities shall cease until the caribou have left the area.
- 72. The operator shall supply the camp with bear deterrent devices such as bear bangers, cracker shells, bear spray, etc. The bear awareness training provided to personnel and contractors shall include use of these deterrent devices.
- 73. If conditions are warranted, the camp shall be enclosed with electric fencing with attention given to camp design (as outlined in the Guideline for Industrial Activity in Bear Country for the Mineral Exploration, Placer Mining and Oil and Gas Industries) in order to avoid attracting bears. Warranted conditions are developed in consultation with the Conservation Officer and include site-specific bear activity.
- 74. All food and cooking supplies should be either stored securely in metal bear-proof containers or removed from site during times when the camp is closed.

Security

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

Reclamation

- **76.** Reclamation shall be progressive in nature where possible and completed before expiry of the approval.
- 77. The operator shall remove any flagging tape used to carry out project activities once the activities are completed unless bio-degradable tape is utilized.

PART FOUR - FINAL DECOMMISSIONING

- 78. Final reclamation will occur prior to the expiry of the operation, according to standards outlined in the operating conditions for re-establishment of vegetative mat and erosion control.
- 79. All petroleum products and any other hazardous substance must be removed from the site of the exploration program when the program ceases.

- 80. All waste petroleum products and any other special waste, as defined in the Special Waste Regulations, generated in the course of carrying out the explorations program must be disposed of in accordance with the Special Waste Regulations when the program ceases.
- 81. 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.
- **82.** Structures must be removed and the site restored at the end of the operation to a level of utility comparable to its previous level of utility.

PART FIVE – OTHER MATTERS

83. The operator shall 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.

Applicable Laws

- **84.** All applicable federal, territorial, and First Nation law or local regulations, ordinances or by-laws must be conformed with at all times. 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.
- **85.** Notice of Schedule III must be provided to the Yukon Water Board ten (10) days prior to use of water.
- **86.** Attached (Appendix B) is a list of the approved exploration activities.
- 87. Attached (Appendix C) are the commitments that form part of this operating plan.



LQ00424b Appendix A

Claim Status Report

07 June 2017

Claim Name and Nbr.	Grant No.	Expiry Date Registered Owner	% Owned	NTS #'s	Grouping	Permit
EL 1 - 8	YB48917 - YB48924	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G10	HL12534	LQ00424
HOME 1 - 17	YB46350 - YB46366	2028/04/02 BMC Minerals (No.1) Ltd.	100.00	105G07	HL12535	LQ00424
KZK 1 - 23	YB85276 - YB85298	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G07	P HL12535	LQ00424
KZK 24 - 27	YB85299 - YB85302	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G07	F HL12535	LQ00424
KZK 28 - 29	YB85303 - YB85304	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G07	P HL12535	LQ00424
LIMY 1 - 9	YB49654 - YB49662	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G10	HL12539	LQ00424
LY 1 - 15	YB48925 - YB48939	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G10	HL12535	LQ00424
ON 21	YB62677	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G08	HL12540	LQ00424
ON 22	YB62678	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G08	HL12535	LQ00424
ON 23	YB62679	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G08	HL12540	LQ00424
ON 24	YB62680	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G08	HL12535	LQ00424
ON 25	YB62681	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G08	HL12540	LQ00424
ON 26	YB62682	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G08	HL12535	LQ00424
ON 27	YB62683	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G08	HL12540	LQ00424
ON 28 - 40	YB62684 - YB62696	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G08	HL12535	LQ00424
ON 41	YB62697	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G08	F HL12535	LQ00424
ON 42 - 101	YB62698 - YB62757	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G08	HL12535	LQ00424
ON 104 - 113	YB62760 - YB62769	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G08	HL12535	LQ00424
ON 116 - 125	YB62772 - YB62781	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G08	HL12535	LQ00424
ON 162 - 174	YB62816 - YB62828	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G08	HL12535	LQ00424
ON 176	YB62830	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G08	HL12535	LQ00424
ON 178	YB62832	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G08	HL12535	LQ00424
ON 180	YB62834	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G08	HL12535	LQ00424
ON 197 - 203	YB62851 - YB62857	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G08	HL12535	LQ00424
ON 205	YB62859	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G08	HL12535	LQ00424
PLATE 1 - 25	YB46325 - YB46349	2028/04/02 BMC Minerals (No.1) Ltd.	100.00	105G07	HL12535	LQ00424
TAG 1 - 30	YB46227 - YB46256	2028/04/02 BMC Minerals (No.1) Ltd.	100.00	105G07	HL12535	LQ00424
			Total claims	Total claims selected: 879		

ft column indicator legend:

L - Indicates the Quartz Lease. Right column indicator legend:

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

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

Total claims selected: 8/9

D - Indicates Placer Discovery

C - Indicates Placer Codiscovery B - Indicates Placer Fraction



10 May 2017

Permit	LQ00424																							
Grouping	HL12535	HL12535	HL12540	HL12535	HL12540	HL12535	HL12540	HL12535	HL12535	HL12535	HL12540	HL12535	HL12540	HL12540	HL12535									
NTS #'s	105G07	105G07, 105G08	105G07	105G07	105G07	105G07	105G07, 105G10	105G10	105G10, 105G09	105G07, 105G08	105G10	105G10	105G10	105G07	105G07	105G10								
% Owned	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Expiry Date Registered Owner	2026/04/02 BMC Minerals (No.1) Ltd.	2028/04/02 BMC Minerals (No.1) Ltd.	2026/04/02 BMC Minerals (No.1) Ltd.																					
Grant No.	YB47461 - YB47543	YB47668 - YB47687	YB47688 - YB47691	YB47692 - YB47711	YB47544 - YB47547	YB47548 - YB47567	YB47568 - YB47571	YB47572 - YB47588	YB47590	YB47592 - YB47635	YB47636 - YB47639	YB47640 - YB47649	YB48413 - YB48414	YB48415 - YB48418	YB48419 - YB48452	YB48455 - YB48461	YB48464 - YB48468	YB48477 - YB48486	YB48507 - YB48526	YB48532	YB48534 - YB48536	YB48940 - YB49003	YB49565 - YB49592	YB50436 - YB50439
Claim Name and Nbr.	TAG 31 - 113	TAG 114 - 133	TAG 134 - 137	TAG 138 - 157	TAG 158 - 161	TAG 162 - 181	TAG 182 - 185	TAG 186 - 202	TAG 204	TAG 206 - 249	TAG 250 - 253	TAG 254 - 263	TAG 264 - 265	TAG 266 - 269	TAG 270 - 303	TAG 306 - 312	TAG 315 - 319	TAG 328 - 337	TAG 358 - 377	TAG 383	TAG 385 - 387	TAG 398 - 461	TAG 489 - 516	TAG 559 - 562

ift column indicator legend:

Right column indicator legend: L - Indicates the Quartz Lease.

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

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

Total claims selected: 879

D - Indicates Placer Discovery

C - Indicates Placer Codiscovery B - Indicates Placer Fraction



10 May 2017

Claim Name and Nbr.	Grant No.	Expiry Date Registered Owner	% Owned	S.# SLN	Grouping	Permit
TAG 633 - 642	YB50510 - YB50519	2026/04/02 BMC Minerals (No 1) Ltd	100 00	105G10	HI 12535	I 000424
TAG 644	YB50521	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G10	HL12535	LO00424
TAG 712 - 719	YB50589 - YB50596	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G10	HL12535	LQ00424
TAG 723	YB50600	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G10	HL12535	LQ00424
TAG 725	YB50602	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G10	HL12535	LQ00424
TAG 727	YB50604	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G10	HL12535	LQ00424
TAG 729 - 732	YB50606 - YB50609	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G10	HL12535	LQ00424
TAG 734	YB50611	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G10	HL12535	LQ00424
TAG 736	YB50613	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G10	HL12535	LQ00424
TAG 738	YB50615	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G10	HL12535	LQ00424
TAG 740	YB50617	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G10	F HL12535	LQ00424
TAG 746	YB50623	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G10	HL12538	LQ00424
TAG 748	YB50625	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G10	HL12538	LQ00424
TAG 750	YB50627	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G10	HL12538	LQ00424
TAG 752	YB50629	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G10	HL12538	LQ00424
TAG 754	YB50631	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G10	HL12538	LQ00424
TAG 756	YB50633	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G10	HL12538	LQ00424
TAG 758	YB50635	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G10	HL12538	LQ00424
TAG 760	YB50637	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G10	HL12538	LQ00424
TAG 762	YB50639	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G10	HL12538	LQ00424
TAG 764	YB50641	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G10	HL12538	LQ00424
TAG 766	YB50643	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G10	HL12538	LQ00424
TAG 787 - 790	YB50664 - YB50667	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G10	HL12535	LQ00424
TAG 793 - 794	YB50670 - YB50671	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G10	HL12535	LQ00424
TAG 815	YB50692	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G10	F HL12535	LQ00424
TAG 839	YB50716	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G10	HL12538	LQ00424
TAG 841	YB50718	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G10	HL12538	LQ00424
ift column indicator legend:		Right column indicator legend:	Total claim	Total claims selected: 879		

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

P - Indicates the claim is pending.

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

Page 3 of 5



10 May 2017

Claim Name and Nbr.	Grant No.	Expiry Date Registered Owner	% Owned	NTS #'s	Grouping	Permit
TAG 843	YB50720	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G10	HL12538	LQ00424
TAG 845 - 846	YB50722 - YB50723	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G10	HL12538	LQ00424
TAG 848	YB50725	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G10	HL12538	LQ00424
TAG 857 - 860	YB50734 - YB50737	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G10	HL12535	LQ00424
TAG 863 - 864	YB50740 - YB50741	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G10	HL12535	LQ00424
TAG 921	YB50798	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G10	HL12538	LQ00424
TAG 923 - 925	YB50800 - YB50802	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G10	HL12538	LQ00424
TAG 928 - 931	YB50805 - YB50808	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G10	HL12535	LQ00424
TAG 1057 - 1073	YB51214 - YB51230	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G07	HL12535	LQ00424
TAG 1074	YB51231	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G07	F HL12535	LQ00424
TAG 1075	YB51232	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G07	HL12535	LQ00424
TAG 1076 - 1077	YB51233 - YB51234	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G07	F HL12535	LQ00424
TAG 1078	YB51235	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G07	HL12535	LQ00424
TAG 1079	YB51236	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G07	F HL12535	LQ00424
TAG 1080 - 1091	YB51237 - YB51248	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G07	HL12540	LQ00424
TAG 1092 - 1094	YB51249 - YB51251	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G07	HL12535	LQ00424
TAG 1095	YB51252	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G07	HL12540	LQ00424
TAG 1096	YB51253	2028/04/02 BMC Minerals (No.1) Ltd.	100.00	105G07	HL12540	LQ00424
TAG 1097	YB51254	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G07	HL12540	LQ00424
TAG 1098	YB51255	2028/04/02 BMC Minerals (No.1) Ltd.	100.00	105G07	HL12540	LQ00424
TAG 1099	YB51256	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G07	HL12540	LQ00424
TAG 1100	YB51257	2028/04/02 BMC Minerals (No.1) Ltd.	100.00	105G07	HL12540	LQ00424
TAG 1101	YB51258	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G07	HL12540	LQ00424
TAG 1102	YB51259	2028/04/02 BMC Minerals (No.1) Ltd.	100.00	105G07	HL12540	LQ00424
TAG 1103 - 1104	YB51260 - YB51261	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G07	HL12540	LQ00424
TAG 1105	YB51262	2028/04/02 BMC Minerals (No.1) Ltd.	100.00	105G07	F HL12540	LQ00424
TAG 1106 - 1112	YB51263 - YB51269	2028/04/02 BMC Minerals (No.1) Ltd.	100.00	105G07	HL12540	LQ00424
			Total claims	Total claims selected: 879		

ft column indicator legend:

Right column indicator legend: L - Indicates the Quartz Lease.

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

P - Indicates the claim is pending.

F - Indicates Full Quartz fraction (25+ acres)

F - Indicates Full Quartz Haction (254 acres)
P - Indicates Partial Quartz fraction (<25 acres)

Lotal claims selected: 8/9

D - Indicates Placer Discovery

C - Indicates Placer Codiscovery B - Indicates Placer Fraction



10 May 2017

Claim Name and Nbr.	Grant No.	Expiry Date Registered Owner	% Owned	s,# SLN	Grouping	Permit
TAG 1113 - 1114	YB51270 - YB51271	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G07	HL12540	LQ00424
TAG 1449 - 1463	YB55325 - YB55339	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G07	HL12540	LQ00424
TAG 1464 - 1468	YB55340 - YB55344	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G07	HL12535	LQ00424
TAG 1469 - 1479	YB55899 - YB55909	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G08	HL12540	LQ00424
TAG 1480 - 1483	YB55910 - YB55913	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G08	HL12535	LQ00424
TAG 1484 - 1491	YB55914 - YB55921	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G08	HL12540	LQ00424
TAG 1492 - 1501	YB55922 - YB55931	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G08	HL12535	LQ00424
TAG 1505	YB55346	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G08	HL12535	LQ00424
TAG 1507	YB55348	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G08	HL12535	LQ00424
TAG 1509	YB55350	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G08	HL12535	LQ00424
TAG 1536 - 1537	YB55934 - YB55935	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G07, 105G08	HL12535	LQ00424
TAG 1538	YB55377	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G08	HL12535	LQ00424
TAG 1539 - 1541	YB55936 - YB55938	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G07	HL12535	LQ00424
TAG 1544 - 1553	YB56713 - YB56722	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G07	HL12535	LQ00424
TAG 1560 - 1569	YB56729 - YB56738	2026/04/02 BMC Minerals (No.1) Ltd.	100.00	105G07	HL12535	LQ00424

riteria(s) used for search:

LAIM DISTRICT: 1000005 CLAIM STATUS: ACTIVE & PENDING DOCUMENT NUMBER: LQ00424 REGULATION

YPE: QUARTZ

th column indicator legend:

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

P - Indicates the claim is pending.

Total claims selected: 879

D - Indicates Placer Discovery

C - Indicates Placer Codiscovery
B - Indicates Placer Fraction

Page 5 of 5

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

L - Indicates the Quartz Lease. Right column indicator legend:

LQ00424b Appendix B



MINING LAND USE

EXPLORATION and RELATED ACTIVITIES REPORT

June 7, 2017

BMC Minerals (No.1) Ltd. 530 - 1130 West Pender St. Vancouver, BC V6E4A4

LQ00424 Class III 105-G-07 NE

ELEMENT	CRITERIA	TERMS AND CONDITIONS
Construction of structures		49 Person camp consisting of trailers and/or frame tents.
Nb of clearings per claim, including existing clearings		Up to 100 sites on core claims, 10-15 on others, <2 on most.
Lines		1 meter wide x 700 km. Cut with handtools with no removal of vegetative mat. See Corridors.
Nb of person days per camp		9000
Surface area of each clearing		12 m x 12 m for drill sites and 10 m x 10 m for helicopter sites.
Total length of corridors		700 km. See lines.
Use of vehicles on existing roads or trails		
Fuel Storage in a stationary container		Diesel and jet fuel either in tanks or bladders. Gasoline in 205 L drums. Oil in 20 L pails. Propane in 100 and/or 20 LB bottles.
Upgrading of access roads per		24km x 4m upgraded, incl. replacement of culverts/bridges. Tote Rd. has a Land Use Permit.
Nb of persons in a camp at any one time		120
Fuel Storage in a facility		Diesel: 200,000 L, Jet Fuel 100,000 L, Gasoline 5, 000 L, Propane 5, 000 L
Establisment of trails per program		40 km x 4 m Trails, 40 km temporary trails

BMC Minerals (No.1) Ltd. LQ00424b

Appendix C Proponent Commitments

2015-0028

<i>Wildlife and Wildlife Habitat</i> (YOR 20150028-003-1, Wildlife Disturbance Mitigation Plan for Kudz Ze Kayah (KZK) Project)
Firearms will not be allowed on the exploration site. A "no hunting/no fishing" policy will be enforced for all personnel in all exploration areas (including access roads). This policy will be communicated to all employees and contractors during the site orientation. Contractors will also be required to adhere to this policy as part of their contractual agreements with BMC Minerals (No. 1) Ltd.
□ A "no feeding of animals" policy will be enforced for all personnel in all exploration areas. This policy will be communicated to all employees and contractors during the site orientation. Contractors will also be required to adhere to this policy as part of their contractual agreements with BMC Minerals (No. 1) Ltd.
☐ Employee and contractor orientation will include the following topics of relevance to wildlife management: o Access road use protocols;
o A "no hunting/no fishing" policy;
o Bear Awareness;
o Waste management procedures;
o Wildlife observation and interaction reporting procedures;
o Wildlife sensitive locations/timing, as applicable;
o Helicopter management practises; and
o Access management practises.
Management of Wildlife-Human Interactions ☐ As part of safety training, all personnel and contractors will be provided wildlife safety and awareness training, including bear awareness and how to avoid disturbing sensitive species such as caribou.
☐ Personnel and contractors will not attempt to handle nuisance or problem wildlife without specific direction from the Conservation Officer.
□ All field crews will carry bear repellent spray with them at all times, as well as functioning radios, with scheduled check-in times to ensure worker safety.
☐ Harassment of wildlife will not be tolerated. This includes attempts to chase, catch, divert, follow, or otherwise harass wildlife by on- or off-road vehicles, aircraft, or on foot.
☐ All work areas will be kept free of garbage and spills. All uncontained garbage or spills will be cleaned up immediately. Improperly disposed garbage, especially food or camp wastes, will be

Drill sites built near the gravel tote road will be re-vegetated with non-palatable plants to avoid attracting wildlife to the roadside.
Ongoing reclamation from all exploration activities will be undertaken.
Only biodegradable synthetic drilling fluids will be utilised at the drill.
Bulk fuel systems, sub-caches of smaller containers (e.g. 205 L drums) and other fuel or waste fuel storage areas will be on stable ground and set back greater than 30 metres from the high water mark of any water body. Bladder bulk fuel systems and all sub-caches will be placed in synthetic berms. Farther berms will act as a third containment barrier for double-walled fuel

Helicopter Operations

tanks.

- □ The guidelines developed by the Mining and Petroleum Environmental Research Group (MPERG) have been adapted to minimize potential wildlife harassment from aircraft and helicopter over flights. All personnel, pilots and contractors will be asked to follow the guidelines as set out in "Flying in Caribou Country: How to minimize disturbance from aircraft" (MPERG, 2008b) and "Flying in Sheep Country: How to minimize disturbance from aircraft" (MPERG, 2008c). These guidelines will be provided to aircraft and helicopter service providers. Key mitigation measures will include the following:
- o Flight path routes will be determined to best avoid disturbing wildlife and active hunting areas. Consultation with the Kaska Nation and Outfitters will be ongoing throughout the field season to aid in avoiding sensitive areas. Flying will be avoided over areas where wildlife has been observed in past seasons (based on publically available information from the Yukon Zinc studies in the vicinity of the project and Yukon Government data), and areas sensitive to wildlife at certain times will be avoided.
- o Flights will be conducted at minimum of 300 m (1 000 ft) above ground level elevations to minimize disturbance to wildlife, except where required for work, safe landing approaches/ flight path, etc.
- o Flying height for airborne geophysical surveys will likely be below 300 m, but the surveys will be timed so as to not interfere with caribou rutting/calving seasons etc.
- o All reasonable efforts will be made to avoid sensitive habitats during key seasonal periods.
- o When sensitive habitats cannot be avoided, a minimum over flight altitude of 600 m (or 2 000 ft) will be maintained to the extent possible.
- o Whenever possible, aircraft will avoid sheep ranges by 3.5 km or a ridge will be placed between the aircraft and sheep range, and aircraft will fly at altitudes below sheep if they are encountered.
- o Purposefully flying towards, hovering and circling wildlife will not be permitted.

Access Management

Increased access to the traditional range of the Finlayson caribou herd, especially along their migration route to winter range, has been identified as the primary concern by Yukon Government and the Ross River Kaska Dena (Cominco, 1996).

The security station and gate at the access to the tote road from the Robert Campbell Highway has been seasonally manned and maintained by a member of the Ross River community since 1995, and only authorized vehicles are allowed on the tote road. Over the winter period the gate is locked. Access along the tote road will continue to be managed in this fashion.
Minimum traffic levels will be maintained to the extent possible.
A site vehicle access register will be maintained at the gatehouse.
Wildlife will have the right-of-way along the entire tote road.
□ If caribou or moose are encountered on the tote road, the equipment and/or activity is to be halted immediately until the wildlife has left the immediate area.
The authorized use of on-road and off-road vehicles will be restricted to established roads and designated trails at the mine site except to access monitoring sites and remote communications equipment. Use of private and recreational vehicles will be prohibited at all times.
☐ All wildlife observations will be immediately reported to the Project Geologist and recorded in the Wildlife log.
Wildlife Reporting Procedures Reporting procedures for wildlife-human interactions, wildlife observations and wildlife features (e.g. nest, den, mineral lick) will be included in employee and contactor orientation.
Reporting procedures will also include reporting wildlife incidents (e.g. close or aggressive encounters, unusual or erratic behaviour, traffic accidents or near misses, dead or injured wildlife).
☐ Records will be managed by the Project Geologist and will be used to provide an indication of the effectiveness of wildlife mitigation measures and to allow an adaptive management approach to improve performance.
☐ A reporting mechanism will be developed with the Yukon Government for the reporting of wildlife fatalities that occur along the access road (although such an incident is not expected to occur).
Species at Risk (YOR 2015-0028-003-1, Species of Concern Fact Sheet for Kudz Ze Kayah Project) If these species150 are observed during exploration activities, they will be recorded in the project wildlife-siting log.
Bank Swallow, Caribou (Northern Mountain), Collared Pika, Common Nighthawk, Grizzly Bear, Little Brown Myotis, Northern Myotis, Olive-sided Flycatcher, Red-necked Phalarope, Rusty Blackbird, Short-eared Owl, Western Bumble Bee (mackayi ssp), Wolverine, and Woodchuck
Heritage Resources (YOR 2015-0028-003-1, Archaeological Chance Find Procedures) ☐ A "Chance Find Protocol" will be used by field workers to aid in the recognition and documentation of potential heritage resources and archaeological sites. If archaeological remains are encountered, all development activities in the vicinity of the remains will be halted,

the area will be cordoned off and the proper authorities (i.e. Yukon Archaeology Branch, RRDC First Nation Natural Resource Officer) will be notified.
☐ If you believe that you may have come upon evidence of past human occupation or archaeological materials, such as those described above: o STOP work in the area immediately
o MARK the area with flagging tape
o NOTIFY the project geologist (immediately or at the end of the shift if the area of discovery is not planned for disturbance)
o AVOID area until further notice Once the Project Geologist has been informed he/she will complete the Archaeological Chance Find Report Form. This form will be completed within 24 hours of the Project Geologist being notified. The Project Geologist will notify the Vice President of Equity Exploration Ltd, BMC Minerals (No. 1) Executive Director (Development), and BMC's Environmental Advisor who will notify the Kaska Representative(s), Energy, Mines and Resources and the Yukon Archaeology Department. If human remains are discovered, the RCMP will be contacted immediately by the Project Geologist.
□ Potential significance of the materials will be assessed by a qualified archaeologist in collaboration with the Archaeology Department and Kaska Representative(s) and mitigative options will be identified. BMC's Executive Director and Environmental Advisor and will work with the Kaska Representative(s) to ensure that any further action needed is taken.
Environmental Quality (YOR 2015-0028-003-1)
Contamination All field staff and fuel delivery truck drivers will be trained in the safe handling of fuel products and the procedures to follow in the event of a spill. This training will include, for example, a review of the material safety data sheets (MSDS) for fuel types on site, proper fuel transfer procedures, review of the Spill Response Plan and use of the spill kit.
☐ Fuel caches and storage areas will be placed on stable ground and set back more than 30 metres from the high water mark of any water body.
☐ Fuel will be transported to site in industry standard fuel trucks and then transferred to the bulk fuel storage systems (<100 000 L), which will comprise either engineered bladders or double walled steel tanks.
☐ Steel tanks will be placed in earthen berms to protect them from vehicles and as a form of third-order containment. Bladder systems will be placed in a synthetic berm capable of containing at least 110% of the fuel stored in the bulk tank (i.e. <110 000 L).
☐ Caches of 205 L drums may need to be built at, for example, drill and generator sites. These
caches will be placed in synthetic berms capable of holding at least 110% of the volume of fuel stored therein. Drums will be inspected upon delivery and regularly throughout the program, and will be stored horizontally with their caps in the "3 and 9 o'clock" positions so as to minimize the pressure on the bungs.

All caches, including bulk fuel systems, fill lines and distribution lines will be marked with flags, posts or similar devices such that they are visible at all times.
Fuel will be dispensed inside of the berm whenever possible, using a manual wobble pump or small electric pump. Liquid-tight containers or sumps will be placed below each tap, valve and nozzle used to dispense fuel.
Spill kits, absorbent matting, MSDSs and copies of the Spill Response Plan will be located at all fuel caches and refuelling sites.
Any spilled fuel, whether in the berm or outside of it, will be cleaned up immediately. In the case that spilled fuel results in soil contamination, the contaminated soil will be dug up, placed nto drums and transported to a regulated facility (e.g. KBL Environmental in Whitehorse) for disposal.
At the end of the work program all fuel storage containers and berms will be removed from camp and work sites.
All waste petroleum products (e.g. waste fuel, used motor oil) will be stored in specially marked 205 L drums or in their original sealed containers and placed in a synthetic berm. Once full, these drums will be taken by Small's Expediting (Special Waste Permit 42-108) to a regulated disposal facility such as KBL Environmental in Whitehorse.
Only biodegradable synthetic products will be used for drilling fluids.
Waste Management ☐ Pit privies will be constructed and maintained following the guidelines defined in "Standards for Construction, installation and maintenance of a pit privy" (YHHS, 1999).
☐ A system of multiple waste containers (combustible, non-combustible, recyclable) will be mplemented and staff will be trained to use them in order to minimize the volume of landfill-pound solid waste.
Combustible garbage will be stored in a lockable bin and burned in an incinerator on a daily passis to prevent its accumulation. The incinerator will likely be a "SmartAsh" model Cyclonic Barrel Burner, which can be used as fuel-fired or forced-air depending on the type of garbage being burned.
Ash from the incinerator will either be buried in pits >1 m deep or shipped to the Whitehorse Landfill for disposal.
Non-combustible garbage (e.g., cans, metal, recyclable containers) will be stored in lockable bins and then periodically (likely once a week) trucked off site and disposed of in the Whitehorse andfill and/or a recycling centre (e.g. Raven Recycling in Whitehorse).
Surface Disturbance Camp: The impact of ground disturbance will be mitigated by selecting a level site with stable ground conditions located at least 30 m from the nearest watercourse.
☐ The skid-based drilling program on the ABM deposit will maximize use of pre-existing drill trails hat were created during the 1990s drilling campaigns. Construction of new trails and drill pads will follow the best practise recommendations laid out by PDAC (2009), which includes a wide range of suggestions of how these trails can be designed to minimize their impact on the surface.

□ Drill sites on steeper terrain will be supported by helicopter and will be completed from hand-constructed timber drill pads that require only minimal surface disturbance, which reduces erosion.
Reclamation from all exploration activities will be completed concurrent with exploration. Where possible, the vegetation and organic mat will be separated from the underlying rock, stockpiled in heaps <2 m high, and replaced when the site is no longer needed. If natural contours are affected by site preparation, efforts will be made to restore the slope to its original form. If any seeding is necessary to promote re-vegetation, native seed (if commercially available) will be used for the area, and any suggestions for vegetation types from local organisations will be taken into account.
□ Pits needed to characterize the geotechnical conditions of potential infrastructure sites will be dug with hand tools, if possible and back-filled when they are no longer needed. Open pits will be cordoned off to prevent accidental incursion of personnel and wildlife.
<i>Water Management</i> □ Water for drilling activities will be sourced with a screened-intake water pump.
□ For drill sites located more than 30 m from the nearest waterbody, return water will be collected in sumps that are located down-slope from the drill (in natural depressions where possible). These sumps will capture the drill cuttings and allow for settling of fines. Once the sump water drains, the sediment will be buried during site reclamation.
☐ On drill sites located less than 30 m from a watercourse, return water will be collected in a bag that will corral the sediment and rock cuttings but allow the water to drain out. When the drilling at such a particular sites is done, the bag will either be sealed and left in place or removed. Removal of filled sediment bags may require heavy machinery. Alternatively, a Surface Solids Control Unit (SSCU) may be used if practical.
□ Any drill holes from which water may flow will be grouted as required to stop the artesian flow. All drill holes penetrating massive sulphide will be grouted and the collars will be cemented.
□ A wastewater septic tank will be installed at the start of the program and before the camp is operating at full capacity. This septic tank will collect wastewater for the entirety of the project, after which it will be decommissioned according to Department of Environment best practises.
Land Users (YOR 2015-0028-003-1) ☐ Implementation of the Wildlife Disturbance Mitigation Plan will reduce the potential effects on wildlife in the area and therefore reduce potential impacts on wildlife availability for the land users (this plan includes ongoing access control to the site).
□ The 2004 Socio-Economic Participation Agreement (SEPA) between Teck Resources and RRDC was formally assigned to BMC who intends to honor the land use interruption supplement included in the SEPA. The supplement is for each person who qualifies as a participant in the trapping rights in the area and shall be solely determined by the RRDC Chief and Council acting at its own reasonable discretion.
☐ Discussions between BMC and RRDC are also ongoing regarding the hiring of a Kaska liaison. The position (in part) will include communicating environmental and socio- economic concerns

that might arise (i.e. concerns regarding traditional land use disruption). Through ongoing communication, unforeseen residual effects will be mitigated in a timely manner. □ BMC has contacted Shawn Raymond of YBGO to inform them of their intentions to do exploration work on the KZK project. Mr Raymond replied that he does, indeed, guide hunting groups in the KZK area. Future discussions with Mr Raymond and YBGO will center on cooperation for the shared use of the area. We will communicate openly with Mr Raymond and provide regular updates on our exploration plans. 2017-0002 Wildlife ☐ All mitigation and management measures that are currently presented in the EMP will be applied during active exploration, which may occur on a year-round basis. It is noted that many of the management measures listed in the EMP are from the existing class 3 exploration permit and the tote road lease. These permit requirements will continue to be adhered to on a year-round basis. (YOR 2017-0002-022-1, p.3) Minimizing changes to habitat suitability through avoiding sensitive habitats and ongoing reclamation activities. (p.68) □ Ongoing reclamation from all exploration activities will be undertaken. (EMP, p.15) Avoid worksites where sensitive species have been seen until the wildlife moves away. (EMP, p.13) □ If ungulates, bears or wolverines, are encountered while carrying out project activities, the activities shall stop, as long as it is safe to do so, until the animals(s) has left the area. Wildlife shall be given the right of way. (MLUA) ☐ A "no hunting/no fishing" policy will be enforced for all personnel in all exploration areas (including the tote road and access trails). (EMP, p.13) Access □ The construction of new roads will be avoided to the extent possible. (EMP, p.12) Where construction of trails cannot be avoided, the Contractor shall construct trails as narrow as possible and avoid straight lines where possible. (EMP, p.15) Bears Additional mitigation measures for bears will include pre-denning monitoring in the areas of planned exploration activities each year. If bear activity indicates they may be preparing to den in an area that could be disturbed by exploration activities, the YG conservation officer and RRDC Land Stewards will be consulted to determine measures to mitigate potential human-bear interactions. (YOR 2017-0002-022-1, p.3) Migratory Birds □ BMC's wildlife management plan is included as part of Appendix J (KZK Environmental Management Plan) of the Application. This plan outlines BMC's commitment to adhering to the federal requirements for migratory birds. When the timing of exploration activities cannot avoid the nesting period. BMC's qualified environmental monitor conducts pre-clearing surveys and in the event a nest is discovered the area is flagged as a work avoidance area until the birds have left the nest. These procedures will continue to be followed at KZK. (YOR 2017-0002-038-1, p.6) Conduct pre-exploration surveys for presence of nesting birds (as required). (EMP, p.12) **Dens / Nests** If nests, dens or mineral licks are encountered the Contractor will contact the Environmental Manager who will contact Watson Lake Regional Biologist for information on appropriate setback distances. Any new mineral licks found will be reported to the Watson Lake Regional Biologist. (EMP, p.15) ☐ Den and nest sites: if discovered during work, locations must be recorded and avoided until no longer in use by wildlife. (EMP, p.13)

Helicopter Operation Flight paths have been and will continue to be designed to reasonably avoid disturbing wildlife and active hunting areas. (p.17) The guidelines developed by the Mining and Petroleum Environmental Research Group (MPERG) have been adapted to minimize potential wildlife harassment from aircraft and helicopter over flights. All personnel, pilots and contractors will be asked to follow the guidelines as set out in "Flying in Caribou Country: How to minimize disturbance from aircraft" (MPERG, 2008b). These guidelines will be provided to aircraft and helicopter service providers. (EMP, p.15 Helicopter operations during the winter months will adhere to the measures outlined in the guidance document for Flying in Caribou Country. (emphasis added) (YOR 2017-0002-022-1, p.3)
□ Flight timing windows as described in Quartz Mining Land Use Approval LQ00424 will also be adhered to. (p.18) □ Flight path routes will be determined to best avoid disturbing wildlife and active hunting areas. Consultation with the Kaska Nation and Outfitters will be ongoing throughout the field season to aid in avoiding sensitive areas. (EMP, p.15) □ Flying will be avoided over areas where wildlife has been observed in past seasons (based on publically available information from the Yukon Zinc Studies in the vicinity of the Project and Yukon Government data), and areas sensitive to wildlife at certain times will be avoided. (EMP, p.15)
□ Flights will be conducted at minimum of 300 m (1000 ft.) above ground level elevations to minimize disturbance to wildlife, except where required for work, safe landing approaches/ flight path, etc. (EMP, p.15) □ Flying height for airborne geophysical surveys will likely be below 300 m, but the surveys will be timed so as to not interfere with caribou rutting/calving seasons etc. (EMP, p.15) □ BMC will plan to avoid carrying out the airborne geophysics program during critical periods for caribou, which is May to July for calving and post-calving and mid-September to mid-October for rutting. Ideally, the airborne geophysics program will be conducted during late August. If, despite planning to avoid these times, the surveys must be competed during the critical time periods BMC's Project Manager will contact EMR for approval. (EMP, p.15) □ The helicopter exploration activities during critical periods for caribou will be avoided if caribou are present within 1 km of the active work area during these times (May to July for calving and post-calving and mid September to mid-October for rutting). Helicopter exploration activities shall cease until the caribou have left the area. (EMP, p.15) □ Purposefully flying towards, hovering and circling wildlife will not be permitted. (EMP, p.15) □ It is noted that the proposed flight frequency would be low during the winter months between Whitehorse and the airstrip (i.e. once or twice per week) and if the road is opened during the winter then the air traffic between the airstrip and the exploration site would be limited to an emergency or monthly water sampling, as personnel and supplies would be transported to the exploration site via vehicle rather than aircraft. (YOR 2017-0002-038-1, p.4)
□ The use of the tote road in the winter will be dependent on the exploration activities required through the winter. If the tote road is to be used in the winter, BMC will continue to prevent unauthorized use of the road through the use of a manned station at the entrance of the tote road and/or a locked gate. (YOR 2017-0002-022-1, p.3) □ Mitigation measures to minimize the potential effects to caribou/moose are outlined in the EMF and will be adhered to when the road is being used during the winter months. It is noted that many of the management measures listed in the EMP are from the existing class 3 exploration permit and the tote road lease conditions. These mitigation measures/permit conditions will be adhered to during the winter months. (YOR 2017-0002-022-1, p.4) □ Additional mitigation measures that will be implemented during the winter months along the tote road, when it's being used (that are not included in the exiting EMP or permits include): o Radio communication among road users will be required to communicate information such as sightings of large animal species; o The road will be plowed so that snow banks are less than 1 m in height;

o Breaks in snow banks will be placed every 50 to 100 m on both sides of the road to enable passage of large mammals; and o Gravel and/or sand will be used on compacted snow or ice to improve road safety. Salt will not be used as it is a wildlife attractant. (YOR 2017-0002-022-1, p.5) Water / Wastewater Management ☐ If it's not practicable to use the current two locations and a different source is needed, BMC will use water sources that have significantly more flow than our activities require. (p.21) ☐ Where practicable, however, the larger creeks and/or ponds will be selected for water use over smaller creeks, especially ones which might dry up seasonally. As a possible backup, there are several existing boreholes within the ABM deposit area which may suffice as a water source for drilling activities. Additionally, water may be re-circulated if necessary. (p.21) Water for drilling activities will be sourced with a screened-intake water pump. (p.58) □ Only biodegradable synthetic products will be used for drilling fluids. (p.55) □ For drill sites located more than 30 m from the nearest water body, return water will be collected in sumps that are located down-slope from the drill (in natural depressions where possible). These sumps will capture the drill cuttings and allow for settling of fines. Once the sump water drains, the sediment will be buried during site reclamation. (p.58) On drill sites located less than 30 m from a water course, return water will be collected in a bag that will corral the sediment and rock cuttings but allow the water to drain out. When the drilling at such a particular site is done, the bags will be removed and materials deposited in a sump (likely an existing sump) located farther than 30 m from the high water mark of the watercourse. Removal of filled sediment bags may require heavy machinery. Alternatively, a Surface Solids Control Unit (SSCU) may be used, if practicable, (p.58) Any drill holes from which water may flow will be grouted as required to stop the artesian flow. All drill holes penetrating massive sulphide will be grouted and the collars will be cemented. (p.58)☐ Water Quality Management Plan (EMP, p.17-18) ☐ Fish Habitat Protection and Mitigation Plan (EMP, p.18-20) ☐ Drill Cutting Management: the main objective in drill cuttings management is to ensure that deleterious substances do not enter watercourses and that drill activities result in no increased sediment load to watercourses during drilling or after drilling. (EMP, p.20) **Fuel** The new facility will have double-walled steel tanks within an earthen berm that act as thirdorder containment (since double wall is two orders) and to protect the tank from vehicles. (p.26) ☐ The berms and storage facility will be constructed greater than 30 m from the high water mark. (p.26)Fuel spill response kits with the appropriate capacity to absorb a product spill will be located at the storage facility. (p.26) ☐ Fuel will continue to be transferred from the bulk systems into smaller containers (e.g., 205 litre steel drum, tidy tank) for local transport to drill sites, the generator shack or the helicopter pad, or directly into vehicles. (p.26) All field staff and fuel delivery truck drivers will be trained in the safe handling of fuel products and the procedures to follow in the event of a spill. (p.54) ☐ Fuel caches and storage areas will have been and will continue to be placed on stable ground and set back more than 30 metres from the high water mark of any water body. (p.54) ☐ Fuel is transported to site in industry standard fuel trucks and then transferred to the bulk fuel storage systems (< 100 000 L), which comprise of double walled steel tanks. Steel tanks have been placed in earthen berms to protect them from vehicles and as a form of third-order containment. (p.54) ☐ Caches of 205 litre drums have been built next to the bulk storage site. The drums are placed in a synthetic berm capable of holding at least 110% of the volume of fuel stored therein. Drums are inspected upon delivery and regularly throughout the program, and are stored horizontally with their caps in the "3 and 9 o'clock" positions so as to minimize the pressure on the bungs.

(p.54)

All caches, including bulk fuel systems, fill lines and distribution lines have been marked with posts and signs such that they are visible at all times. (p.54)
Fuel will be dispensed inside of the berm whenever possible, using a manual wobble pump or small electric pump. Liquid-tight containers will be placed below each tap, valve and nozzle used to dispense fuel. (p.54)
Spill kits, absorbent matting, MSDSs and copies of the Spill Response Plan are located at all fuel caches and refuelling sites. (p.54)
Any spilled fuel, whether in the berm or outside of it, will be cleaned up immediately. In the case that spilled fuel results in soil contamination, the contaminated soil will be dug up, placed into drums and transported to a regulated facility (e.g. KBL Environmental in Whitehorse) for disposal. (p.54)
☐ At the end of the work program, all fuel storage containers and berms will be removed from camp and work sites. (p.54)
All waste petroleum products (e.g. waste fuel, used motor oil) is stored in specially marked 205 L drums or in their original sealed containers and placed in a synthetic berm. Once full, these drums are taken by Small's Expediting (Special Waste Permit 42-108) to a regulated disposal facility such as KBL Environmental in Whitehorse. (p.55)
☐ Only biodegradable synthetic products will be used for drilling fluids. (p.55) ☐ All spills that exceed reporting thresholds in the Yukon Spills Regulations, or that are abnormal in quantity or quality, will be reported as required under Spills Regulations of the Environmental Act
(Yukon Order in Council, 1996). Any spill will be assessed and remediated following the guidelines set out in the Contaminated Sites Regulations (Yukon Order in Council, 2002). (p.55)
Camp/Waste Management The camp expansion design will follow the guidance outlined in the section 10.4 of Yukon Mineral and Coal Exploration Best Management Practices and Regulatory Guide (Yukon Chamber of Mines, 2010). All aspects of the camp expansion will also be done in accordance with the Regulations Respecting the Sanitation of Camps in the Yukon Territory (Yukon Council
Order, 1961). (p.19) Advanced design and system installation will be carried out in compliance with Environmental Health Services Regulations and applicable plumbing and electrical codes. (p.23) Waste will continue to adhere to BMC's Waste Management Permit (#81-096). (p.24) A system of multiple waste containers (combustible, non-combustible, recyclable) has been implemented and staff have been trained to use them in order to minimize the volume of landfill-
bound solid waste. (p.57) ☐ Combustible garbage is stored in an area surrounded by an electric fence, in a lockable bin and burned in an incinerator on a daily basis to prevent its accumulation. The incinerator is a "SmartAsh" model Cyclonic Barrel Burner which can be used as fuelfired or forced-air depending on the type of garbage being burned. Ash from the incinerator is buried in pits > 1 m deep (and covered as per the waste management permit). (p.57)
□ Non-combustible garbage (e.g. cans, metal, recyclable containers) is stored in lockable bins and then periodically (approximately once a week) trucked off site and disposed of in the Whitehorse Landfill and/or a recycling centre (e.g., Raven Recycling in Whitehorse). (p.57) □ Grey water (i.e., from showers and the kitchen) will be disposed of through a sewage disposal system including septic tanks and an absorption bed. (EMP p.14)
☐ All waste fuel and oil will be collected in specially marked 205 litre steel drums and stored in a synthetic berm at the laydown area. Periodically, Small's Expediting of Whitehorse or Tu Lidlini of Ross River (under Special Waste Permit 42-108) will transport waste fuel to a regulated disposal facility (either KBL Environmental or Special Waste Management in Whitehorse). Used batteries will also shipped to a regulated disposal facility. (p.25)
Heritage Resources

☐ A "Chance Find Protocol" has been used and will continue to be used by field workers to aid in the recognition and documentation of potential heritage resources and archaeological sites.

(p.53)

☐ If archaeological remains are encountered, all development activities in the vicinity of the remains will be halted, the area will be cordoned off and the proper authorities (i.e. Yukon Archaeology Branch, RRDC First Nation Natural Resource Officer) will be notified. (p.53) ☐ Both known historical/archaeological sites have been flagged as work avoidance areas with a minimum 30 m zone around the sites. This flagging has been checked and will continue to be checked on a regular basis to ensure that it remains clear that these are no work zones. (YOR 2017-0002-038-1, p.3)
Surface Disturbance The skid-based drilling program on the ABM deposit will maximize use of pre-existing drill trails that were created during the 1990s drilling campaigns. (p.56) Construction of new trails and drill pads will follow the best practice recommendations laid out by PDAC (2009) which includes a wide range of suggestions of how these trails can be designed to minimize their impact on the surface. (p.56) Reclamation from all exploration activities will be completed concurrent with exploration. Where possible, the vegetation and organic mat will be separated from the underlying rock, stockpiled in heaps <2 m high, and replaced when the site is no longer needed. If natural contours are affected by site preparation, efforts will be made to restore the slope to its original form. If any seeding is necessary to promote re-vegetation, native seed (if commercially available) will be used for the area, and any suggestions for vegetation types from local organizations and YG will be taken into
account. (p.56) Reclamation
Reclamation Progressive reclamation work will be ongoing throughout all field seasons. In addition, environmental work will be ongoing to characterize baseline conditions. (p.17) The benchmark for successful reclamation will be the establishment of a native plant community that is self-sustaining, and the re-contouring of all disturbed surface areas to match or blend with the original landform. (p.31) During trail or drill pad construction, BMC separates the topsoil from subsurface materials for future use during reclamation. Erosion controls are implemented to protect the topsoil stockpile from wind and water erosion as well as impacts of heavy machinery. (p.31) Re-contouring of roads, drill pad and sumps is required during both interim and final reclamation. All disturbed surface areas, including the drill pad, road areas, and sumps, are recontoured to sit at the original contour or blend with the original landform. Adequate erosion control provides site stability and generally comes with successful revegetation. (p.31) BMC grouts and cements all drill holes that penetrate massive sulphide from top to bottom. Holes that do not encounter massive sulphide are grouted from 20 mm below surface to surface or deeper if required by highly fractured rock. (p.31) All reclaimed areas will be monitored the following season to quantify the success of the revegetation program and additionally to ensure the absence of invasive species and/or noxious weeds from being introduces to the project area. Sites will be reseeded if deemed necessary and all invasive species and noxious weeds will be removed from the reclaimed sites, documented and disposed of. (p.33) Progressive site reclamation will continue throughout the duration of the exploration project. (p.33) Bediment and Erosion Control Plan (EMP, p.17)
Trapping / Outfitting ☐ BMC is in regular discussions with Yukon Big Game Outfitters regarding both party's activities and will continue to do so on a regular basis, both prior to and during the exploration field programs. The most recent meeting was held the week of February 20th, 2017. BMC is not aware of wilderness tourism operators that operate in the areas of our claims, where exploration activities may occur. Flight paths from Whitehorse to the Finlayson airstrip that have been used during the past two field seasons will continue to be used in future field seasons. (YOR 2017-0002-038-1, p.2)

□ BMC regularly updates RRDC regarding BMC's exploration plans or activities taking place in their traditional territory and provides a land use disruption payment twice per year to (in-part) offset the impacts from the potential overlap of exploration activities and their traditional land use (including trapping). BMC has also been in preliminary discussions with the other trappers and will ensure to engage with them well in advance and prior to any exploration activities taking place over their trapline area. (YOR 2017-0002-038-01, p.4)

Health and Safety

- ☐ Signs are posted in the washrooms and shower areas reminding all employees and contractors of the importance of washing hands regularly and the signs include recommended methods of how to do so. In addition, weekly health and safety meetings are held on-site and it is mandated that all staff and contractors off-shift attend. At these meetings staff and contractors are reminded of the importance of regular hand washing and of reporting illnesses (no matter how minor) to the first aid attendant on site (in order to prevent the spread of communicable diseases). (YOR 2017-0002-038-1, p.2)
- □ BMC has developed an emergency response protocol with its Helicopter Contractor and the hospital in Whitehorse for transport of employees and contractors requiring to be transported to the hospital in Whitehorse. During future field activities BMC will share this emergency response protocol with local emergency and emergency health service providers to facilitate better awareness of requirements during emergencies. (YOR 2017-0002-038-1, p.2)