

Conditions Annexed to and Forming Part of Land Use Permit # W2018C0007

Part A: Scope of Permit

1. This Permit entitles the Permittee to conduct the following land-use operation in the Damoti Lake and Colomac Mine areas:
 - a) Mineral Exploration including diamond drilling;
 - b) Construction, maintenance, and use of winter road and access roads;
 - c) Use and storage of fuel;
 - d) Use and storage of explosives;
 - e) Operation of a camp(s); and
 - f) Use of vehicles and equipment.
2. This Permit is issued subject to the conditions contained herein with respect to the use of land for the activities and area identified in Part A, item 1 of this Permit.
3. Compliance with the terms and conditions of this Permit does not excuse the Permittee from its obligation to comply with the requirements of any applicable Federal, Territorial, Tłı̨chǫ, or Municipal laws.

Part B: Definitions

Act - the Mackenzie Valley Resource Management Act.

Archaeological Overview - as defined by the Prince of Wales Northern Heritage Centre – *Guidelines for Developers for the Protection of Archaeological Sites in the Northwest Territories*.

Archaeological Impact Assessment - as defined by the Prince of Wales Northern Heritage Centre – *Guidelines for Developers for the Protection of Archaeological Sites in the Northwest Territories*.

Board - the Mackenzie Valley Land and Water Board established under Part 4 of the Act, or the Wek'èezhii Land and Water Board established under Part 3 of the Act, as the case may be.

Borehole - a hole that is made in the surface of the ground by drilling or boring.

Dogleg - the clearing of a line, trail, or right-of-way that is curved sufficiently so that no part of the clearing beyond the curve is visible when approached from either direction.

Drilling Fluids - any liquid mixture of water, sediment, drilling muds, chemical additives or other wastes that are pumped down hole while drilling and are specifically related to drilling activity.

Drilling Waste - all materials or chemicals, solid or liquid, associated with drilling, including drill cuttings and Drilling Fluids.

Durable Land - land that is able to withstand repeated use, such as gravel or sand with minimal vegetative cover.

Engagement Plan - a document, developed in accordance with the Board's *Engagement and Consultation Policy* and the *Engagement Guidelines for Applicants and Holders of Water Licences and Land Use Permits*, that clearly describes how, when, and which engagement activities will occur with an affected party during the life of the project.

Flowing Artesian Well - a well in which water:

- a) Naturally rises above the ground surface or the top of any casing; and
- b) Flows naturally, either intermittently or continuously.

Fuel Storage Container - a container for the storage of petroleum or allied petroleum products with a capacity of less than 230 litres.

Fuel Storage Tank - a closed container for the storage of petroleum or allied petroleum products with a capacity of more than 230 litres.

Greywater - all liquid wastes from showers, baths, sinks, kitchens, and domestic washing facilities but not including toilet wastes.

Habitat - the area or type of site where a species or an individual of a species of wildlife naturally occurs or on which it depends, directly or indirectly, to carry out its life processes.

Inspector - an Inspector designated by the Minister under the Act.

Minister - the Minister of Indian Affairs and Northern Development Canada or the Minister of the Government of the Northwest Territories – Department of Lands, as the case may be.

Ordinary High Water Mark - the usual or average level to which a body of water rises at its highest point and remains for sufficient time so as to change the characteristics of the land. In flowing waters (rivers, streams) this refers to the "active channel/bank-full level" which is often the 1:2 year flood flow return level. In inland lakes, wetlands, or marine environments, it refers to those parts of the Watercourse bed and banks that are frequently flooded by water so as to leave a mark on the land and where the natural vegetation changes from predominately aquatic vegetation to terrestrial vegetation (excepting water tolerant species). For reservoirs, this refers to normal high operating levels (full supply level).

Permittee - the holder of this permit.

Permafrost - ground (soil or rock) that remains at or below 0°C for at least two consecutive years.

Secondary Containment - containment that prevents liquids that leak from Fuel Storage Tanks or containers from reaching outside the containment area and includes double-walled Tanks, piping, liners, and impermeable barriers.

Sewage - all toilet wastes and Greywater.

Spill Contingency Plan - a document, developed in accordance with Aboriginal Affairs and Northern Development Canada's *Guidelines for Spill Contingency Planning* (April 2007), that describes the set of procedures to be implemented to minimize the effects of a spill.

Sump - a man-made pit or natural depression in the earth's surface used for the purpose of depositing Waste that does not contain Toxic Material, such as non-toxic Drilling Waste or Sewage, therein.

Toxic Material - any substance that enters or may enter the environment in a quantity or concentration or under conditions such that it:

- a) Has or may have an immediate or long-term harmful effect on the environment or its biological diversity;
- b) Constitutes or may constitute a danger to the environment on which life depends; or
- c) Constitutes or may constitute a danger in Canada to human life or health.

Waste - any garbage, debris, chemical, or Toxic Material to be used, stored, disposed of, or handled on land, and also as defined in section 51 of the Act.

Waste Management Plan - a document, developed in accordance with the Board's *Guidelines for Developing a Waste Management Plan*, that describes the methods of Waste management from Waste generation to final disposal.

Watercourse - a natural body of flowing or standing water or an area occupied by water during part of the year, and includes streams, springs, swamps and gulches but does not include groundwater.

Part C: Conditions Applying to All Activities (headings correspond to subsection 26(1) of the Mackenzie Valley Land Use Regulations)

26(1)(a) Location and Area

1. The Permittee shall operate in accordance with the requirements of the Colomac Site Restrictions annexed to this permit, and any revisions to the Colomac Site Restrictions as and when approved by the Board.
2. The Permittee shall not conduct any part of the land-use operation within 300 metres of any privately owned or leased land or structures, including cabins used for traditional activities, unless otherwise approved by the Board.
3. The Permittee shall locate all camps on Durable Land or previously cleared areas.
4. The Permittee shall use an existing campsite, as described in the complete application.
5. Prior to the commencement of drilling, the Permittee shall submit the target areas and final drill hole locations on a 1:50,000-scale map with coordinates and map datum to the Board and an Inspector.
6. The Permittee shall not construct parallel lines or roads, unless an existing line or road cannot be used.

COLOMAC SITE RESTRICTIONS

PRIVATE PROPERTY

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CAMP SETBACK

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USE EXISTING CAMP

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DRILL LOCATIONS

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PARALLEL ROADS

7. The Permittee shall only conduct this land-use operation on lands designated in the application.
8. The Permittee shall confine the width of the right of way to a maximum of ten (10) metres.

LOCATION OF ACTIVITIES

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WIDTH RIGHT-OF-WAY

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26(1)(b) Time

9. At least 48 hours prior to the initial commencement of the land-use operation, the Permittee's Field Supervisor shall notify the Board and contact a GNWT Inspector at (867) 767-9188, and a CIRNAC Inspector at (867) 669-2442 or (867) 669-2468.
10. At least 48 hours prior to commencement of the land-use operation, the Permittee shall provide the following information, in writing, to the Board and an Inspector:
 - a) the name(s) of the person(s) in charge of the field operation;
 - b) alternates; and
 - c) all methods for contacting the above person(s).

INITIAL NOTIFICATION - CONTACT INSPECTOR

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IDENTIFY AGENT

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11. At least ten days prior to the completion of the land-use operation, the Permittee shall advise Inspectors from both CIRNAC and the GNWT of:
- a) the plan for removal or storage of equipment and materials; and
 - b) when final cleanup and reclamation of the land used will be completed.

REPORTS BEFORE REMOVAL

12. The Board, for the purpose of this operation, designates April 15 as spring break-up.

SPRING BREAK-UP

26(1)(c) Type and Size of Equipment

13. The Permittee shall only use equipment of a similar type, size, and number to that listed in the complete application.

USE APPROVED EQUIPMENT

14. The Permittee shall maintain fire-fighting equipment at the site,

FIRE-FIGHTING EQUIPMENT

26(1)(d) Methods and Techniques

15. The Permittee shall Dogleg lines, trails and right-of-ways that approach Watercourses or public roads.

DOGLEG APPROACHES

16. As the land-use operation progresses, the Permittee shall refill and restore craters caused by explosives.

REFILL CRATERS

17. Immediately upon completion of operations at each Borehole, the Permittee shall remove or cut off and seal each drill casing at ground level.

MINERAL EXPLORATION DRILL CASINGS

18. The Permittee shall construct and maintain the overland portion of winter roads with a minimum of 10 cm of packed snow and/or ice at all times during this land-use operation.

WINTER ROADS

19. The Permittee shall not erect camps or store material, other than that required for immediate use, on the ice surface of a Watercourse.

STORAGE ON ICE

20. Prior to the expiry end of the land-use operations, the Permittee shall replace all excavated material, unless otherwise authorized in writing by an Inspector.

EXCAVATED MATERIAL TEST PITS

21. The Permittee shall leave a buffer strip of undisturbed vegetation at least 30 metres in width between cleared areas and public roads.

TREE SCREEN

26(1)(e) Type, Location, Capacity, and Operation of All Facilities

22. The Permittee shall ensure that the land use area is kept clean at all times.

CLEAN WORK AREA

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Commented [EF11]: The name and language for this condition was updated to reflect the current Standard Land Use Permit Conditions.

23. The Permittee shall not locate any Sump within 100 metres of the Ordinary High Water Mark of any Watercourse, unless otherwise authorized in writing by an Inspector.

SUMPS SETBACK

Commented [EF12]: The name and language for this condition was updated to reflect the current Standard Land Use Permit Conditions (formerly Sumps From Water).

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26(1)(f) Control or Prevention of Ponding of Water, Flooding, Erosion, Slides, and Subsidence of Land

24. The land-use operation shall not cause obstruction to any natural drainage.

NATURAL DRAINAGE

25. The Permittee shall install and maintain suitable erosion control structures as the land-use operation progresses.

PROGRESSIVE EROSION CONTROL

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26. The Permittee shall, where flowing water from a Borehole is encountered:

FLOWING ARTESIAN WELL

- a) plug the Borehole in such a manner as to permanently prevent any further outflow of water; and
- b) immediately report the occurrence to the Board and an Inspector.

27. The Permittee shall only conduct off-road vehicle travel on snow-covered surfaces.

OFF-ROAD VEHICLE TRAVEL

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Commented [EF14]: The language for this condition was updated to reflect the current Standard Land Use Permit Conditions.

28. The Permittee shall prepare the site in such a manner as to prevent rutting or gouging of the ground surface.

PREVENTION OF RUTTING

Commented [EF15]: The language for this condition was updated to reflect the current Standard Land Use Permit Conditions.

29. The Permittee shall suspend overland travel of equipment or vehicles at the first sign of rutting or gouging.

SUSPEND OVERLAND TRAVEL

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30. The Permittee shall not move any equipment or vehicles unless the ground surface is in a state capable of fully supporting the equipment or vehicles without rutting or gouging.

VEHICLE MOVEMENT FREEZE-UP

Commented [EF17]: The name and language for this condition was updated to reflect the current Standard Land Use Permit Conditions and is a combination of two previous conditions (formerly Ice Bridge Materials and Snowfill Materials).

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31. The Permittee shall only use clean water and snow in the construction of ice bridges and snow fills.

CONSTRUCT ICE BRIDGES SNOWFILLS

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The Permittee shall not use any materials other than clean snow and water in the construction of snow fills.¶

32. Prior to Spring Break-up or completion of the land-use operation, the Permittee shall clean up and either remove or v-notch all ice bridges and snowfills from stream crossings, unless otherwise authorized in writing by an Inspector.

REMOVE ICE BRIDGES/ SNOWFILLS

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33. The Permittee shall minimize approach grades on all Watercourse crossings.

MINIMIZE APPROACH

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34. The Permittee shall slope the sides of Waste material piles, excavations, and embankments — except in solid rock — to a

EXCAVATION AND EMBANKMENTS

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Prior to spring break-up or completion of the land-use operation, the Permittee shall clean up and v-notch all ice bridges, unless otherwise authorized in writing by an Inspector.¶

minimum ratio of 2:1 vertical, unless otherwise authorized in writing by an Inspector.

35. The Permittee shall not excavate land within 100 metres of the Ordinary High Water Mark of any Watercourse, unless otherwise authorized in writing by an Inspector.

EXCAVATION SETBACK

Commented [EF21]: The name of this condition was updated to reflect the current Standard Land Use Permit Conditions (formerly Excavate Near Watercourse).

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26(1)(g) Use, Storage, Handling, and Ultimate Disposal of Any Chemical or Toxic Material

36. At least seven days prior to the use of any chemicals that were not identified in the complete application, the Safety Data Sheets must be provided to the Board and an Inspector.

CHEMICALS

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37. When drilling within 100 metres of the Ordinary High Water Mark of any Watercourse, and when drilling on ice, the Permittee shall contain all drill water and Drilling Waste in a closed circuit system for reuse, off-site disposal, or deposit into a land-based Sump or natural depression.

DRILLING NEAR WATER OR ON ICE

38. The Permittee may deposit Drilling Waste that does not contain Toxic Material in a Sump. Any Sumps or natural depressions used to deposit Drilling Waste must be located at least 100 metres from the Ordinary High Water Mark of any Watercourse, unless otherwise authorized in writing by an Inspector.

DRILLING WASTE

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39. The Permittee shall remove all Drilling Waste containing Toxic Material to an approved disposal facility.

DRILLING WASTE DISPOSAL

40. The Permittee shall not allow any Drilling Waste to spread to the surrounding lands or Watercourses.

DRILLING WASTE CONTAINMENT

41. Prior to the expiry date of this Permit or the end of the land-use operation whichever comes first, the Permittee shall backfill and restore all Sumps, unless otherwise authorized in writing by an Inspector.

RECLAIM NON-OIL AND GAS SUMPS

Commented [EF24]: The name of this condition was updated to reflect the current Standard Land Use Permit Conditions (formerly Backfill Sumps).

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42. During the period of this Permit, if a spill occurs or is foreseeable, the Permittee shall:

REPORT SPILLS

Commented [EF25]: The language for this condition was updated to reflect the current Standard Land Use Permit Conditions.

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- a) Implement the approved Spill Contingency Plan;
 b) report it immediately using the NU-NT Spill Report Form by one of the following methods:

- Telephone: (867) 920-8130;
- Fax: (867) 873-6924
- E-mail: spills@gov.nt.ca
- Online: Spill Reporting and Tracking Database

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- c) within 24 hours, notify the Board and an Inspector; and

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d) within 30 days of initially reporting the incident, submit a detailed report to the Board and an Inspector, including descriptions of causes, response actions, and any changes to procedures to prevent similar occurrences in the future. Any updates to this report shall be provided to the Board and an Inspector in writing as changes occur.

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43. The Permittee shall dispose of all Toxic Material as described in the approved Waste Management Plan.

WASTE CHEMICAL DISPOSAL

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44. The Permittee shall dispose of all combustible Waste petroleum products by removal to an approved disposal facility.

WASTE PETROLEUM DISPOSAL

26(1)(h) Wildlife and Fish Habitat

45. The Permittee shall take all reasonable measures to prevent damage to wildlife and fish Habitat during this land-use operation.

HABITAT DAMAGE

26(1)(i) Storage, Handling, and Disposal of Refuse or Sewage

46. The Permittee shall dispose of all Waste as described in the Waste Management Plan, once approved, and shall annually review the plan and make any necessary revisions to reflect changes in operations, technology, chemicals, or fuels, or as directed by the Board. Revisions to the plan shall be submitted to the Board for approval.

WASTE MANAGEMENT

Commented [EF26]: The language for this condition was updated to reflect the current Standard Land Use Permit Conditions.

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47. The Permittee shall keep all garbage and debris in a secure container until disposal.

GARBAGE CONTAINER

48. The Permittee shall dispose of all Sewage and Greywater as described in the approved Waste Management Plan.

SEWAGE DISPOSAL - PLAN

Commented [EF27]: The 'Remove Garbage' Condition was removed from the Permit as it is addressed in condition #44 (Waste Management) and to reflect the current Standard Land Use Permit Conditions.

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The Permittee shall dispose of all garbage, Waste, and debris as described in the approved **Waste Management Plan**, unless otherwise authorized in writing by an Inspector. ¶

26(1)(j) Protection of Historical, Archaeological, and Burial Sites

49. The Permittee shall not operate any vehicle or equipment within 150 metres of a known or suspected historical or archaeological site or burial ground.

ARCHAEOLOGICAL BUFFER

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50. The Permittee shall not knowingly remove, disturb, or displace any archaeological specimen or site.

SITE DISTURBANCE

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51. The Permittee shall, where a suspected archaeological or historical site, or burial ground is discovered:

SITE DISCOVERY AND NOTIFICATION

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- a) immediately suspend operations on the site; and
- b) notify the Board at (867) 765-4592 or an Inspector, GNWT Inspector at (867) 767-9188 or a CIRNAC Inspector at (867) 669-

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2442 or (867) 669-2468, and the Prince of Wales Northern Heritage Centre at 767-9347 ext. 7125¹ or ext. 7125⁵.

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52. At least 30 days prior to any new land disturbance, including new drill sites, the Permittee shall conduct an Archaeological Overview to identify areas of high and low potential for archaeological and burial sites and shall submit a summary report to the Board and the Prince of Wales Northern Heritage Centre.

ARCHAEOLOGICAL OVERVIEW

53. Prior to disturbance in areas of high potential for archaeological or burial sites identified in the Archaeological Overview, the Permittee shall conduct an Archaeological Impact Assessment of the sites where disturbance is planned and shall submit a summary report to the Board and the Prince of Wales Northern Heritage Centre.

AIA – HIGH POTENTIAL

26(1)(k) Objects and Places of Recreational, Scenic, and Ecological Value

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26(1)(l) Security Deposit

54. Prior to the commencement of the land-use operation on non-federal lands, the Permittee shall deposit with the Minister a security deposit in the amount of \$420,178.

SECURITY DEPOSIT

55. Prior to the commencement of the land-use operation on federal lands, the Permittee shall deposit with the Minister a security deposit in the amount of \$191,697.

SECURITY DEPOSIT

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56. All costs to remediate the area under this Permit are the responsibility of the Permittee.

RESPONSIBILITY FOR REMEDIATION COSTS

26(1)(m) Fuel Storage

57. The Permittee shall:

- a) examine all Fuel Storage Containers and Tank for leaks; and
- b) repair all leaks immediately.

REPAIR LEAKS

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58. The Permittee shall place Fuel Storage Containers and Tanks a minimum of 100 metres from the Ordinary High Water Mark of any Watercourse, unless otherwise authorized in writing by an Inspector.

FUEL STORAGE SETBACK

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59. The Permittee shall ensure that all fuel caches have adequate Secondary Containment.

FUEL CACHE SECONDARY CONTAINMENT

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60. The Permittee shall set up all refueling points with Secondary Containment.

SECONDARY CONTAINMENT – REFUELING

61. The Permittee shall not allow petroleum products to spread to surrounding lands or Watercourses.

FUEL CONTAINMENT

62. The Permittee shall locate mobile fuel facilities on land when the facilities are stationary for more than 12 hours.

FUEL ON LAND

63. The Permittee shall mark all Fuel Storage Containers and Tanks with the Permittee's name.

MARK CONTAINERS AND TANKS

64. The Permittee shall mark all stationary fuel caches and fuel storage facilities with flags, posts, or similar devices so that they are at all times plainly visible to local vehicle travel.

MARK FUEL LOCATION

65. The Permittee shall have a maximum of 1,255,830 litres of fuel stored on the land use site at any time, unless otherwise approved by the Board.

MAXIMUM FUEL ON SITE

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66. Within ten days of the establishment of any fuel cache, the Permittee shall report the location and quantity of the cache in writing to the Board and an Inspector.

REPORT FUEL LOCATION

67. The Permittee shall seal all outlets of Fuel Storage Containers and store the containers on their sides with the outlets located at 3 and 9 o'clock, except for containers currently in use.

SEAL OUTLET

68. The Permittee shall comply with the Spill Contingency Plan, once approved, and shall annually review the plan and make any necessary revisions to reflect changes in operations, technology, chemicals, or fuels, or as directed by the Board. Revisions to the plan shall be submitted to the Board for approval.

SPILL CONTINGENCY PLAN

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Commented [EF35]: The language of this condition was updated to reflect the current Standard Land Use Permit Conditions.

69. Prior to commencement of the land-use operation the Permittee shall ensure that spill-response equipment is in place to respond to any potential spills.

SPILL RESPONSE

70. All equipment that may be parked for two hours or more, shall have a hazmat/drip tray under it or be sufficiently diapered. Leaky equipment shall be repaired immediately.

DRIP TRAYS

71. The Permittee shall clean up all leaks, spills, and contaminated material immediately.

CLEAN UP SPILLS

Commented [EF36]: The language of this condition was updated to reflect the current Standard Land Use Permit Conditions.

26(1)(n) Methods and Techniques for Debris and Brush Disposal

72. The Permittee shall progressively dispose of all brush and trees; all disposal shall be completed prior to the end of this land use operation.

**BRUSH DISPOSAL/
TIME**

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73. The Permittee shall not clear areas larger than identified in the complete application.

**MINIMIZE AREA
CLEARED**

74. The Permittee shall clear by hand all trees and brush a minimum distance of 10 metres from the top edge of all stream banks and top edge of slopes.

**CLEARING SENSITIVE
AREA**

26(1)(o) Restoration of the Lands

75. All areas affected by construction or removal activities shall be stabilized and landscaped to their pre-construction profiles, unless otherwise authorized in writing by an Inspector.

**PRE-CONSTRUCTION
PROFILES**

76. The Permittee shall dispose of all overburden as approved by the Board, or as otherwise authorized in writing by an Inspector.

**DISPOSAL OF
OVERBURDEN**

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77. The Permittee shall save the organic soil stripped from the land use area and shall use the organic soil for reclamation as approved by the Board, or otherwise authorized in writing by an Inspector.

**SAVE AND PLACE
ORGANIC SOIL**

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78. Prior to the end of the land-use operation, the Permittee shall complete all cleanup and restoration of the lands used.

**FINAL CLEANUP AND
RESTORATION**

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79. Prior to the end of the land-use operation, the Permittee shall prepare the site in such a manner as to facilitate natural revegetation.

NATURAL VEGETATION

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80. The Permittee shall carry out Progressive Reclamation of disturbed areas as soon as it is practical to do so.

**PROGRESSIVE
RECLAMATION**

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81. Prior to the end of the land-use operation, the Permittee shall restore any trails impacted by the land-use operation by removing fallen trees and any other obstructions from the trails.

TRAILS RESTORATION

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26(1)(p) Display of Permits and Permit Numbers

82. The Permittee shall display a copy of this Permit in each campsite established to carry out this land-use operation.

DISPLAY PERMIT

26(1)(q) Biological and Physical Protection of the Land

83. Prior to the commencement of the land-use operation, the Permittee shall submit a revised **Waste Management Plan, Spill Contingency**

SUBMIT REVISED PLAN

Plan, and Engagement Plan in accordance with MVLWBs' Guidelines to the Board for approval.

84. If any plan is not approved by the Board, the Permittee shall revise the plan according to the Board's direction and re-submit it to the Board for approval.

85. The Permittee shall comply with the **Engagement Plan**, once approved, and shall annually review the plan and make any necessary revisions to reflect changes in operations or as directed by the Board. Revisions to the plan shall be submitted to the Board for approval.

86. All revised plans submitted to the Board shall include a brief summary of the changes made to the plan.

RESUBMIT PLAN

ENGAGEMENT PLAN

SUMMARY OF CHANGES

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COLOMAC SITE RESTRICTIONS

PERMITTEE: Nighthawk Gold Corp.

PERMIT NUMBER: W2018C0007

EFFECTIVE DATE OF COLOMAC SITE RESTRICTIONS:

Part C, Condition 1 of Land Use Permit W2018C0007 states that "The Permittee shall operate in accordance with the requirements of the Colomac Site Restrictions annexed to this permit, and any revisions to the Colomac Site Restrictions as and when approved by the Board." The specific site restrictions are as follows:

- i. To ensure the health and safety of its workers, the Permittee shall not access the Tailings Containment Facility, Tailings Containment Area access road, Open Pit Area, or Main Mine Complex areas for any purpose. Access to the airstrip access road shall be permitted.
- ii. The Permittee shall not establish any camps or store equipment, fuel, or other supplies in the aforementioned areas.
- iii. The Permittee shall not drill, trench, excavate any sump, or otherwise alter or disturb the engineered tailings cap within the Tailings Containment Area, Dam 1/Dam 1 B structures, Dyke 7 and spillway, Dam 2 discharge channel, Spruce Lake Disposal Cell, landfill cap in Zone 2.5 Pit, Primary Crusher cap, Steeves Lake Shoreline remediation area, or Hydrocarbon Soil Remediation area.
- iv. The Permittee shall not establish any camps or store equipment, fuel, or other supplies within 30 m of the south bank of the Truck Lake Channel or within 30 m of the south shore of Truck Lake.
- v. The Permittee shall not store bulk fuel north of the decommissioned Explosives Magazine area along the airstrip access road.
- vi. The Permittee shall not ford or cross the Truck Lake Channel with heavy equipment. Forging or crossing of the channel with ATVS can proceed during water-free conditions.
- vii. The Permittee shall not adversely alter the water quality within the Spanner Lake and Paddle Lake - Midgefly Lake - Lake 315 watersheds or within the drainage pathway between Tailings Lake and Indin River.
- viii. If drilling within the watershed divides, the Permittee shall contain all drill waste in a closed circuit system for reuse, off-site disposal, or deposit into a land-based sump or natural depression outside of the indicated areas.
- ix. The Permittee shall not alter or disturb the tailings water repository in Zone 2.0 Pit or in the historic Duck Lake tailings remediation area.
- x. The Permittee shall not access the warehouse building known as "Big Blue" as indicated in Colomac Site Map 1, unless otherwise authorized by the owner of the building.
- xi. The Permittee shall not impact upon caribou migration around the Colomac site.
- xii. The Permittee shall not alter, block or otherwise disturb the caribou barriers or pathways.

- xiii. The Permittee shall not impede or obstruct, in any way, the Crown's access to the site for monitoring or inspection purposes.

Description of areas referred to in the Colomac site restrictions

1. Discharge Pathway - Tailings Lake to Indin River
 - i) Spanner Lake and Paddle Lake-Midgefly Lake-315 Lake watersheds
 - ii) Surveillance Network Stations 1563-39, 1563-14, 1563-40, 1563-41, 1563-13, 1563-32
2. Tailings Containment Area
 - i) Engineered retention structures at Dam 1 / Dam 1B including thermosyphons and thermistor instrumentation strings
 - ii) Engineered tailings cap at Dam 1&2, mid-lake, Dyke 7 and causeway areas in Tailings Lake
 - iii) Engineered tailings cap in Spruce Lake
 - iv) Engineered Spruce Lake Disposal Cell (mill process waste repository)
 - v) Engineered retention and drainage structures Dyke 7, buttress and spillway
 - vi) Engineered drainage structure at Dam 2 Discharge Channel
3. Tailings Containment Area Access Road
 - i) Duck Lake crossing restoration
 - ii) Sewage lagoon and decommissioned retention berm
 - iii) Historic Duck Lake tailings remediation area (west shore)
4. Open Pit Area
 - i) Zone 2.0 Pit (treated tailings water repository)
 - ii) SNP 1563-26 in Zone 2.0 Pit
 - iii) Pressure sensor (hydrology monitoring) in Zone 2.0, 2.5, and 3.0 Pits
 - iv) Pressure sensor (hydrology monitoring) in Baton Lake
 - v) Engineered, non-hazardous landfill in Zone 2.5 Pit
 - vi) SNP 1563-29 (Baton Lake)
5. Spot Pond - Truck Lake - Steeves Lake Drainage
 - i) French drain between Baton and Spot Lake
 - ii) Engineered channel and plug at Spot Pond-Truck Lake drainage
 - iii) SNP 1563-23 (Truck Lake)
 - iv) Truck Lake re-vegetation areas along north and west shores
 - v) Engineered wetland at Truck Lake outflow to Truck Lake Channel
 - vi) Engineered Truck Lake Channel
 - vii) SNP 1563-4 (Truck Lake discharge at Steeves Lake)
6. South Waste Rock Dump Area
 - i) Hydrocarbon Soil Remediation Area
 - ii) Boneyard Remediation Area
 - iii) Engineered Primary Crusher cap
 - iv) Big Blue Warehouse

7. Main Mine Complex

- i) Camp pad (decommissioned sewage vault and pit privies)
- ii) Tank Farm Area and G Tank Remediation excavation and re-grade areas
- iii) Maintenance Shop excavation and re-grade area
- iv) Mill Facility (power house, leach tanks, thickener tank) pad and re-grade area
- v) Engineered Steeves Lake Shoreline (armour wall, attenuation and peat trench)
- vi) Hydrocarbon Monitoring and Recovery Well Field
- vii) Commissioned Land Treatment Unit (landfarm facility)
- viii) SNP Stations 1563-20 and 42 (below mill area, outside remediated shoreline)
- ix) SNP Stations 1563-46-49 (Steeves Lake east shore)
- x) Decommissioned explosives magazine area (airstrip access road)
- xi) Access to the airstrip access road shall be permitted

8. Caribou Pathways and Barriers

- i) Barrier at Ridge Lake
- ii) Pathway between Dyke Lake to Steeves Lake and ramp to Steeves Lake
- iii) Pathway between Steeves Lake to Spanner Lake
- iv) Pathway between Baton Lake and Lower Long Lake, north to Duck Lake
- v) Barrier at south end of Zone 3.0 Pit
- vi) Barrier at East Access Hill
- vii) Barriers at North Waste Dump (west accesses and northeast corner)
- viii) Pathway along ring road/trails around west and east side of TCA