

Terms and Conditions:

General

1. The Permittee shall undertake quarrying in accordance with the Nunavut Mining Safety Ordinance and the Territorial Quarrying Regulations or equivalent.
2. The Permittee shall only excavate the designated amount of granular material required and stockpile in designated areas.
3. The Permittee shall not detonate explosives within fifteen (15) metres of any body of water which is not completely frozen to the bottom.
4. The Permittee shall have an Abandonment and Restoration Plan in place prior to the commencement of operations and submit a copy to NIRB following the completion of the season of activity.
5. The Permittee shall submit to NIRB the annual report prepared for GN-CGS which shall include:
 - a) The quantity of material quarried and the quantity of material removed from the site;
 - b) A summary of site-visits by inspectors with results and follow-up actions;
 - c) Site photos;
 - d) Safety reporting;
 - e) Progressive reclamation work undertaken;
 - f) Wildlife encounters and actions/mitigation taken;
 - g) Details of spills which occurred; and
 - h) Discussion on how the terms and conditions were implemented.

The report shall be submitted no later than March 31st of each year.

Noise and Dust

6. The Permittee shall avoid blasting during temperature inversions and strong winds.
7. The Permittee shall minimize blast energies to the greatest extent possible.
8. The Permittee shall ensure to time blasting activities so as to minimize the effect of noise on residents.
9. The Permittee shall use water for dust suppression in order to maintain ambient air quality without causing water to pool or runoff.

Physical Environment

10. The Permittee shall ensure excavated slopes have a horizontal/vertical ratio of 2:1 to ensure public safety.
11. The Permittee shall ensure that the quarry area is kept clean and tidy at all times.
12. The Permittee shall not remove any material from below the ordinary high water mark of any lake or stream.

13. The Permittee shall not obstruct or divert natural drainage unless authorized by DFO and/or the Nunavut Water Board.
14. The Permittee shall leave a strip of undisturbed vegetation at least 100 metres in width between clearing and public roads or navigable waterways unless otherwise approved in writing.
15. The construction or disturbance of any stream/lake bed or banks of any definable water course are not permitted unless authorized by the Department of Fisheries and Oceans (DFO).
16. The Permittee shall adopt measures as required to control erosion by surface disturbance including silt curtains and/or silt fencing.
17. The Permittee shall provide confirmation to NIRB that the material to be extracted is non-acid generating. If extraction material is determined to be acid generating, remediation and mitigation measures shall be implemented immediately and notification provided to the Board.

Water

18. The Permittee shall not deposit or permit the deposit of sediment into any water body.
19. The Permittee shall not deposit, nor permit the deposit of any fuel, chemicals, or wastes into any water body. According to the Fisheries Act, Section 36(3) the deposition of deleterious substances of any type in water frequented by fish, or in any place under any conditions where the deleterious substance that results from the deposit of the deleterious substance may enter any such water, is prohibited.
20. Waste water shall be released in such a manner that it will not enter any water body.

Fuel Use and Storage

21. The Permittee shall follow all conditions from the Hamlet of Cape Dorset relating to fuel use and storage.

Archaeological Sites

22. The Permittee shall not disturb any archaeological or palaeontological site.
23. The Permittee shall immediately contact the Government of Nunavut Department of Culture, Language, Elders and Youths (CLEY) if any archaeological or palaeontological site is encountered or disturbed.
24. The Permittee/ Licensee shall follow all terms and conditions for the protection and restoration of archaeological and palaeontological resources as outlined by CLEY in the attached letter.

Wildlife

25. The Permittee shall ensure that there is no damage to wildlife habitat in conducting this land use operation.
26. The Permittee shall not feed wildlife.
27. The Permittee shall avoid active migratory bird nests (nests containing eggs or young) until nesting is complete. The migratory bird breeding season is from approximately

May 15 to August 1 and in accordance with paragraph 6(a) of the Migratory Birds Regulations, no one shall disturb or destroy the nests or eggs of migratory birds.

28. The Permittee shall ensure that the quarry sites avoid known environmentally sensitive areas (denning, nesting etc.) by a minimum of 250 metres.

Reclamation

29. The Permittee shall practice progressive reclamation in accordance with the restoration guidelines outlined in Indian and Northern Affairs Canada's document entitled *Environmental Guidelines for Pits and Quarries*.
30. The Permittee shall save any organic topsoil removed during operations and stockpile it separately from inorganic overburden.
31. The Permittee shall place a layer of coarse gravel on top of reclaimed quarry site to prevent wind from moving dust and fines to other locations.
32. The Permittee shall remove all fuel and equipment in a progressive manner and completely upon abandonment.
33. The Permittee shall remove all scrap metal, discarded machinery and parts, barrels and kegs, buildings and building material in a progressive manner and completely upon abandonment.
34. The Permittee shall complete all clean-up and restoration of the lands used prior to the expiry date of the permit, unless an extension or renewal is granted.

Other Recommendations

35. NIRB would like to encourage the proponent to hire local people and services, to the extent possible, and to continue consulting with local residents regarding their activities in the region.
36. The Permittee should ensure that all reasonable public safety procedures are implemented during the life of the operation.
37. Any amendment requests deemed by NIRB to be outside the original scope of the project will be considered a new project.