



**Applicant:** ARCTIC COPPER CORP **Licence No:** \_\_\_\_\_  
(For NWB Use Only)

1. **Environment Manager : Donald Penner** Tel: 778-212-1950 Fax: none  
**Email: dfpenner@pennergeological.com**
2. Project Manager: Donald Penner Tel: 778-212-1950 Fax: none E-mail:  
dfpenner@pennergeological.com
3. Does the applicant hold the necessary property rights? **Yes.**
4. Is the applicant an ‘operator’ for another company (i.e., the holder of the property rights)? If so,  
please provide letter of authorization. **No**
5. Duration of the Project  

|                                     |                  |  |
|-------------------------------------|------------------|--|
| <input type="checkbox"/>            | One year or less | Start and completion dates: <b>Aug 15, 2016 – Aug 15, 2018</b> |
| <input checked="" type="checkbox"/> | Multi Year:      |  |

Start: Aug 15, 2016\_\_\_\_\_ Completion: Sept 30, 2016\_\_\_\_\_

6. Type of Camp

☐ Mobile (self-propelled)

☒ Temporary

☒ Seasonally Occupied: \_\_\_\_\_

☐ Permanent

☐ Other: \_\_\_\_\_



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7. What is the design, maximum and expected average population of the camp?

Average population 8 people; see attached for design of camp.

8. Provide history of the site if it has been used in the past. Our proposed site is the Hope Lake Airstrip. This site has not been used by Arctic Copper Corp in the past.

## CAMP LOCATION

9. Please describe proposed camp location in relation to biogeographical and geomorphological features, and water bodies.

Hope Lake airstrip. 67°26'00"N; 116°28'00"W

10. How was the location of the camp selected? Was the site previously used? Was assistance from the Regional Inuit Association Land Manager sought? Include maps and/or aerial photographs.

The Hope Lake Airstrip is a convenient site for setting up and servicing our camp. The site was used by previous operators. See attached map.

11. Is the camp or any aspect of the project located on:



Crown Lands

Permit Number (s)/Expiry Date: permit pending



Commissioners Lands

Permit Number (s)/Expiry Date: \_\_\_\_\_



Inuit Owned Lands

Permit Number (s)/Expiry Date: \_\_\_\_\_

12. Closest Communities (direction and distance in km):

Kugluktuk is approx 60km northeast of our claims area.

13. Has the proponent notified and consulted the nearby communities and potentially interested parties about the proposed work?

There have not been any formal meetings to date due to the small size of the program.

14. Will the project have impacts on traditional water use areas used by the nearby communities?  
Will the project have impacts on local fish and wildlife habitats?

There will not be any impact to Kugluktuk or any fish and wildlife habitat because the project will initially be very small. There will not be any discharge of waste or any other material into any body of water.





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21. Describe what will be done with drill water?

Drill water will be drained into a nearby sump, cuttings allowed to settle, and the water allowed to percolate into the ground.

22. List the brand names and constituents of the drill additives to be used? Includes MSDS sheets and provide confirmation that the additives are non-toxic and biodegradable. **See attached.**

23. Will any core testing be done on site? Describe. **The core will be geologically logged, then cut in half with one half sent out for assay and the remaining half archived on site.**

## SPILL CONTINGENCY PLANNING

24. The proponent is required to have a site specific Spill Contingency Plan prepared and submitted with the application This Plan should be prepared in accordance with the *NWT Environmental Protection Act, Spill Contingency Planning and Reporting Regulations, July 22, 1998* and *A Guide to the Spill Contingency Planning and Reporting Regulations, June 2002*. Please include for review.

### SEE ATTACHED SPILL CONTINGENCY PLAN

25. How many spill kits will be on site and where will they be located?

**There will be two spill kits, one in the camp and one at the drill site.**

26. Please describe the types, quantities, and method of storage of fuel and chemicals on site, and provide MSDS sheets. **10x205litre drums JetB Aviation fuel; 5x205litre drum diesel; 1x205litre drum Gasoline; 3x 100lb tank propane. The drums will be stored within a containment area surrounded by a berm. The floor of the berm area will be lined with suitable material to prevent any seepage into the underlying soil if any fuel should leak.**

## WATER SUPPLY AND TREATMENT

27. Describe the location of water sources. **Un-named creeks and ponds for drilling. See figures attached maps. Hope Lake for camp water.**

28. Estimated water use (in cubic metres/day):



Domestic Use: 0.5m<sup>3</sup>

Water Source: **Hope Lake**



SEE ATTACHED MAPS

- ## WASTE TREATMENT AND DISPOSAL

-  Bulky Items/Scrap Metal: Flown out to landfill at completion of project.



- ☐
- Other:



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## ABANDONMENT AND RESTORATION

39. Provide a detailed description of progressive and final abandonment and restoration activities at the site. **Upon completion of the project, the camp will be entirely torn down and flown out. Pits and sumps will be filled in, any waste flown out and the area restored to the condition upon arrival. There will be no supplies or materials left at the camp site.**

## BASELINE DATA

40. Has or will any baseline information be collected as part of this project? Provide bibliography.

- ☒ Physical Environment (Landscape and Terrain, Air, Water, etc.): **We will be sampling various water bodies and taking soil samples to obtain background data as the exploration program progresses.**
- ☒ Biological Environment (Vegetation, Wildlife, Birds, Fish and Other Aquatic Organisms, etc.): **We will be documenting wildlife and bird sightings during the course of our work.**
- ☐ Socio-Economic Environment (Archaeology, Land and Resources Use,
- ☐ Demographics, Social and Culture Patterns, etc.)
- ☐ Other: \_\_\_\_\_

## REGULATORY INFORMATION

41. At a minimum, you should ensure you have a copy of and consult the documents below for compliance with existing regulatory requirements:

- ✓ ARTICLE 13 – *NCLA -Nunavut Land Claims Agreement*
- ✓ NWNSRTA – *The Nunavut Waters and Nunavut Surface Rights Tribunal Act, 2002*
- ✓ *Northwest Territories Waters Regulations, 1993*
- ✓ NWB - Water Licensing in Nunavut - Interim Procedures and Information Guide for Applicants
- ✓ NWB - Interim Rules of Practice and Procedure for Public Hearings
- ✓ RWED – *Environmental Protection Act, R-068-93- Spill Contingency Planning and Reporting Regulations, 1993*
- ✓ RWED A Guide to the Spill Contingency Planning and Reporting Regulations, 2002
- ✓ NWTWB - Guidelines for Contingency Planning
- ✓ *Canadian Environmental Protection Act, 1999 (CEPA)*
- ✓ *Fisheries Act, RS 1985 - s.34, 35, 36 and 37*
- ✓ DFO - Freshwater Intake End of Pipe Fish Screen Guideline
- ✓ NWTWB - Guidelines for the Discharge of Treated Municipal Wastewater in the NWT
- ✓ Canadian Council for Ministers of the Environment (CCME); Canadian Drinking Water Quality Guidelines, 1987



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- ✓ Public Health Act - Camp Sanitation Regulations
- ✓ Public Health Act - Water Supply Regulations
- ✓ *Territorial Lands Act and Territorial Land Use Regulations*; Updated 2000