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OFFICE DES EAUX DU

EXPLORATION/ REMOTE CAMP SUPPLEMENTARY QUESTIONNAIRE

Applicant: HTX Minerals Corporation **Licence No:** _____
(For NWB Use Only)

ADMINISTRATIVE INFORMATION

1. Environment Manager: Andrew Turner Tel: 780-439-5380 Fax: 780-433-1336 E-mail: andrewt@apexgeoscience.com

2. Project Manager: Andrew Turner Tel: 780-439-5380 Fax: 780-433-1336 E-mail: andrewt@apexgeoscience.com

3. Does the applicant hold the necessary property rights? **NO**

4. Is the applicant an 'operator' for another company (i.e., the holder of the property rights)? If so, please provide letter of authorization.
The Mineral claims for the Itchen Lake Property are held in the name of HTX Mineral Corp. HTX Minerals Corp. has also entered into an agreement with the NRC (Nunavut Resources Corporation) for exploration on the Contwoyto Property (Article 41 Lands).

See attached Authorization by HTX to allow APEX to assist with permitting for the Itchen Lake and Contwoyto Lake Properties.

5. Duration of the Project
   - ☐ One year or less Start and completion dates:
   - ✔ Multi Year:

   If Multi-Year indicate proposed schedule of on site activities
   Start: **March/June** Completion: **October**

CAMP CLASSIFICATION

6. Type of Camp
   - ☐ Mobile (self-propelled)
   - ☐ Temporary
   - ✔ Seasonally Occupied: Exploration Camp
   - ☐ Permanent
   - ☐ Other: _____

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

The proposed camp will have the capacity for 10-15 people (with the ability to house up to a maximum 20 people) will be constructed on a large esker just northeast of Leanne Lake. See the attached Figure 1, "2013 Itchen Lake Proposed Exploration Program," for location of the proposed camp. Camp structures will include wood and canvas tents with 4-5 sleepers, medical tent, common area/office, kitchen, dry, core processing shack, generator housing, and 2 outhouses (or small pacto waste units). See the attached Figure 2, "Itchen Lake Property Proposed Camp," for an illustration of the proposed camp layout.

8. Provide history of the site if it has been used in the past.

Historical exploration on the Itchen lake Property area dates back to the 1930's and included government and industry mapping and geochemical sampling programs. In addition, numerous companies have also conducted airborne and ground geophysical surveys, trenching and small drilling programs. Commodities previously explored for has included: gold (current HTX target mineral), copper and diamonds. Exploration in the Contwoyto Lake area has historically been for diamonds and dates back to the 1960's. Previous work in the area has included: mapping, prospecting, geochemical sampling, airborne and ground geophysical surveys and drilling. Currently Anglo Swiss Resources Inc. is exploring on their Fry Inlet claims directly adjacent to the west border of the Article 41 block and Shear Diamonds holds a lease just east of the block.

CAMP LOCATION

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

The proposed camp will be constructed on a large esker just northeast of Leanne Lake. See the attached Figure 1, "2013 Itchen Lake Proposed Exploration Program," for the location of the proposed camp.

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 camp location was selected for flatter lying ground and geology and proximity to a water source, as well as being near an appropriate esker for landing a twin otter or similar fixed wing aircraft. The location was used for a camp in the 1980's by Echo Bay including (the applicant).

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

✔	Crown Lands	Permit Number (s)/Expiry Date: **pending**
F	Commissioners Lands	Permit Number (s)/Expiry Date:
✔	Inuit Owned Lands	Permit Number (s)/Expiry Date: **pending**

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

The camp is located approximately 230 km southwest of Bathurst Inlet, 270 km south of Kugluktuk and 500 km southwest of Cambridge Bay.

13. Has the proponent notified and consulted the nearby communities and potentially interested parties about the proposed work? **Community consultations will be held prior to project commencement; further information available after community visits.**

14. Will the project have impacts on traditional water use areas used by the nearby communities? **No**

Will the project have impacts on local fish and wildlife habitats? **No.**

PURPOSE OF THE CAMP

15.
- ✔ **Mining (includes exploration drilling)**
- ☐ Tourism (hunting, fishing, wildlife observation, adventure/expedition, etc.) (Omit questions # 16 to 21)
- ☐ Other _____

16. Activities (check all applicable)

- ☐ Preliminary site visit
- ✔ **Prospecting**
- ✔ **Geological mapping**
- ✔ **Geophysical survey**
- ✔ **Diamond drilling**
- ☐ Reverse circulation drilling
- ☐ Evaluation Drilling/Bulk Sampling (also complete separate questionnaire)
- ☐ Other: _____

17. Type of deposit (exploration focus):
- ☐ Lead

Zinc
- ✔ **Diamond**
- ✔ **Gold**
- ☐ Uranium
- ☐ Other: _____

DRILLING INFORMATION

18. Drilling Activities

- ✔ **Land Based drilling**
- ✔ **Drilling on ice (not anticipated for 2013 program, but potentially in future programs)**

19. Describe what will be done with drill cuttings?

Will be diamond drilling (coring) so there will be not cuttings (ie. Reverse circulation drilling). Land based drill fluids will be collected in sumps and then will be backfilled and the ground recontoured to the natural state. Ice based drill fluids will be collected in tanks. If any drill fluids contain hydrocarbon based drilling additives, they will be collected and transported to Yellowknife for proper disposal.

20. Describe what will be done with drill water?

See answer above

21. 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.

Desert Crete Polymer 550, Linseed Soap, Diamond Drill Rod Grease. See MSDS sheets in Appendix 3 of the attached Spill Prevention and Response Plan.

22. Will any core testing be done on site? Describe.

Core will be flown to camp and be mechanically cut and sampled. Core and other samples will then be flown to a laboratory for geochemical analysis.

SPILL CONTINGENCY PLANNING

23. 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 Prevention and Response Plan.

24. How many spill kits will be on site and where will they be located?
Three large spill kits will be positioned around the main fuel cache and smaller kits will be placed at the operating drill location, generator shack, the helicopter pad and the office. See attached Fuel Management Plan.

25. Please describe the types, quantities, and method of storage of fuel and chemicals on site, and provide MSDS sheets.
See attached Spill Prevention and Response Plan and Fuel Management Plan.

WATER SUPPLY AND TREATMENT

26. Describe the location of water sources.
Domestic (camp) water will be drawn from the southernmost lake (Leanne Lake) on the Itch 19 claim. Water for drilling will be drawn from small lakes/ponds and streams that are located in close proximity to each drill site. Please see attached Figure 1 "*2013 Itchen Lake Proposed Exploration Program*", Figures 2 titled "2013 Contwoyto Lake Proposed Exploration Program" and Figure 3 "Itchen Lake Property Proposed Camp."

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

Domestic Use: **Up to 25m^3 per day** Water Source: **Leanne Lake**
Drilling: **Up to 35m^3 each per day** Water Source: **numerous lakes, ponds and streams**
F Other: _____ Water Source: _____

28. Describe water intake for camp operations? Is the water intake equipped with a mesh screen to prevent entrapment of fish? (see *DFO 1995, Freshwater Intake End-of-Pipe Fish Screen Guideline*) Describe: **A mesh screen will be placed over the end of the water intake to prevent any fish entrapment.**

29. Will drinking water quality be monitored? What parameters will be analyzed and at what frequency?
Yes, drinking water quality will be monitored for various types of coliform bacteria, upon mobilization to the camp, periodically during the program and upon de-mobilization.

30. Will drinking water be treated? How?
Water will be lightly chlorinated, and a UV filter used on the drinking water at the camp location.

31. Will water be stored on site?
There will be water stored on-site in a 250 gallon tank for domestic use.

WASTE TREATMENT AND DISPOSAL

32. Describe the characteristics, quantities, treatment and disposal methods for:

- ✔ Camp Sewage (blackwater) **Amount created will be from max 10-12 people in varying amounts over 10-12 weeks. Will be stored in pacto waste bags then in sealed containers which will be back hauled from site to Yellowknife.**

- ✔ Camp Greywater: **Camp max daily water usage of 25m3/day, will be sumped.**

- ✔ Solid Waste: **non-combustible solid waste will be sealed and removed from site; except for paper, cardboard, untreated wood and natural fibres which will be burned in a modified burn barrel.**

- ✔ Bulky Items/Scrap Metal: **stored onsite and back hauled to Yellowknife for disposal.**

- ✔ Waste Oil/Hazardous Waste: **Minimal amount expected, to be stored onsite and back hauled to Yellowknife for disposal**

- ✔ Empty Barrels/Fuel Drums: **empty drums will be removed from site on a regular basis (ie. back hauled to Yellowknife when food flights come into camp).**

- ✔ Other: **Any contaminated snow/soil will be collected in empty drums and shipped to Yellowknife for disposal. All absorbent matting used to absorb any hydrocarbons will also be placed in drums and shipped to Yellowknife for disposal.**

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33. Please describe incineration system if used on site. What types of wastes will be incinerated?
Due to the small size of the camp and designed exploration program combustible waste (paper, cardboard, untreated wood and natural fibers will be burned in modified burn barrel. Burning will be monitored at all times. All other waste will be transported to Yellowknife for proper disposal.

34. Where and how will non-combustible waste be disposed of? If in a municipality in Nunavut, has authorization been granted?
All non-combustible waste will be backhauled to Yellowknife.

35. Describe location (relative to water bodies and camp facilities) dimensions and volume, and freeboard for all sumps (if applicable).
Drill fluid sumps will be located at the drill locations indicated on attached Figure 1, "*2013 Itchen Lake Proposed Exploration Program*" and Figure 2, "*2013 Contwoyto Lake Proposed Exploration Program.*" A sump will also be located near the kitchen and dry in camp with approximate dimensions of 3m x 3m x 1.2 m. See attached figure 3 "Itchen Lake Property Proposed Camp."

36. Will leachate monitoring be done? What parameters will be sampled and analyzed, and at what frequency? **n/a**

OPERATION AND MAINTENANCE

37. Have the water supply and waste treatment and disposal methods been used and proven in cold climate? What known O&M problems may occur? What contingency plans are in place?
Yes, the proposed waster and water treatments have been used in cold climates with little to no effects on the environment. See attached Environmental Management Plan and Spill Prevention and Response Plan for further details.

ABANDONMENT AND RESTORATION

38. Provide a detailed description of progressive and final abandonment and restoration activities at the site.
See attached Abandonment and Restoration Plan.

BASELINE DATA

39. Has or will any baseline information be collected as part of this project? Provide bibliography. **n/a**

- F Physical Environment (Landscape and Terrain, Air, Water, etc.)
- F Biological Environment (Vegetation, Wildlife, Birds, Fish and Other Aquatic Organisms, etc.)
- F Socio-Economic Environment (Archaeology, Land and Resources Use,
- F Demographics, Social and Culture Patterns, etc.)
- F Other: _____

REGULATORY INFORMATION

40. 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
- ✔ Public Health Act - Camp Sanitation Regulations
- ✔ Public Health Act - Water Supply Regulations
- ✔ *Territorial Lands Act* and *Territorial Land Use Regulations*; Updated 2000