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EXPLORATION/ REMOTE CAMP SUPPLEMENTARY QUESTIONNAIRE

Applica	ant:(Comn	nander Resources Ltd	Licence No:		
ADMI	NICTD A	\ TTX	E INFORMATION	(For NWB Use Only)		
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			Manager: Rob L'Heure	eux Tel: 780-439-5380 Fax: 780-433-1336 E-		
			ager Rob L'Heureux Te ix@apexgeoscience.com	el: 780-439-5380 Fax: 780-433-1336 E- n		
Commar (F95596	nder Resoi - F95605)	urces . The l	_	ary property rights? neral claims AB 1 – AB 47 (K16471 – K16517) and Aston 1 – Aston 10 – 8343 and P-12 – P-17 are held in the name of Michael Dufresne on		
	Is the applicant an 'operator' for another company (i.e., the holder of the property rights)? If so, please provide letter of authorization. ttached Authorization Letter by Commander allowing APEX Geoscience Ltd. to act on their behalf.					
5. Duration of the Project						
	[One year or less Multi Year:	Start and completion dates:		
	If Multi-Year indicate proposed schedule of on site activities Start: June 2015 Completion: July 2020					
CAMP	CLASS	SIFI	CATION			
6.	Type of	Cam	пр			
		×	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? Structures for the proposed new camp will include approximately 6 sleeper tents, a medical tent, kitchen, dry, office, shop, core shack, generator housing, incinerator, and 2 outhouses. The majority of the structures will be insulated Weatherhaven tents, or similar, with plywood floors. Expected average camp population is 10 people to a maximum of 12. See Figure 3 for potential camp layout diagram.

The old (2014) Aston Bay camp now only has one wooden emergency structure and an outhouse remaining, as well as 10 drums of aviation fuel, 17 drums of diesel fuel, 2 propane tanks, empty fuel drums and the Cominco drill core. While the new camp is being constructed, and potentially for the duration of the program, the old camp will be used as an emergency backup and then subsequently removed and the site remediated.

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

The old (2014) Aston Camp was the location of an abandoned Cominco exploration camp.

The proposed new camp site has not been used in the past.

CAMP LOCATION

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

The old (2014) Aston Bay camp is located at 73°42'30" N and 94°43'15" W.

The proposed new camp is to be located within a large braid bar of the Aston River, approximately 5 km east of Aston Bay.

See Figures 1, 2 and 3 for the 2014 Aston Camp and proposed new camp locations.

- 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. During the 2014 field program the crew scouted the camp due to the limitations of the airstrip located at the current Aston Camp. The site has not been previously used.
- 11. Is the camp or any aspect of the project located on:
 - Crown Lands Permit Number (s)/Expiry Date: Commander Resources Ltd. holds the rights to mineral claims AB 1 - AB 47 (K16471 - K16517) and Aston 1 - Aston 10 (F95596 -F95605). The Prospecting Permits 8340 – 8343 and P-12 – P-17 are held in the name of Michael Dufresne on behalf of Commander.
 - Crown Lands Permit Number (s)/Expiry Date: Commander is currently permitted under N2010C0003, with an expiry date of May 16, 2015. A new AANDC permit is under application in the name of Aston Bay, as they are the operators.

X	Water Licence Number/I	Expiry Date: Commander is currently licenced under 2BE-STO1015
	with an expiry date of July 31	, 2015, hence the renewal application.
	Commissioners Lands	Permit Number (s)/Expiry Date:
	Inuit Owned Lands	Permit Number (s)/Expiry Date:

Permit Number (s)/Expiry Date: _____

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

The community of Resolute Bay is approximately 112 km north. Arctic Watch Lodge is located approximately 50 km north on Cunningham Inlet.

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

To date, since the drilling program has yet to begin, there has been no consultation with interested parties. As the program progresses forward, the companies would anticipate meeting with community representatives from Resolute Bay to inform them of current plans/progress.

June 21, 2006 Page 2 of 7 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 X Geological mapping Geophysical survey X Diamond drilling Reverse circulation drilling Evaluation Drilling/Bulk Sampling (also complete separate questionnaire) Other: regional soil and rock sampling _____ 17. Type of deposit (exploration focus): Lead Zinc Diamond Gold Uranium Other: copper DRILLING INFORMATION 18. **Drilling Activities** Land Based drilling Drilling on ice Describe what will be done with drill cuttings? 19. The drill waste, including water, cuttings and muds will be disposed of in a properly constructed sump or an appropriate natural depression; at least 31 m from the ordinary high water mark of any adjacent water body, where direct flow into a water body is not possible and no additional impacts are created. Describe what will be done with drill water? Drilling will utilize recirculation and filtration systems to minimize loss of water and drill additives. Bio-degradable drilling fluids will be used at all times where ever possible. Drilling fluids will be will be directed of in a properly constructed sump or an appropriate natural depression, at least 31 m from the ordinary high water mark of any adjacent water body, where direct flow into a water body is not possible and no additional impacts are created. If any artesian water flow is detected, the hole will be plugged immediately and cemented in bedrock to prevent continued flow.

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

14.

21.

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following materials may potentially be present at the drill site:

and provide confirmation that the additives are non-toxic and biodegradable.

List the brand names and constituents of the drill additives to be used? Includes MSDS sheets

The exact drill additives are not known at this time. Commander, Aston Bay and APEX will ensure that the drilling contractor only uses non-toxic and biodegradable additives. The Spill Prevention and Response Plan will be updated with appropriate MSDS sheets once the additives have been determined. However, until confirmed, it is assumed that the

- drill fluid additive "550X polymer" (consists of copolyacrylamide / sodium acrylate; Non Toxic)
- tube grease Beacon 2, Z-50 pipe dope (Non Toxic)
- circulation polymer G-stop (Non Toxic)
- antifreeze –Beet juice antifreeze (Non Toxic)
- rod grease Big Bear diamond drill rod grease (Non Toxic)
- motor oil super plus SAE 10W30 and 15W-40 (Non Toxic)
- hydraulic oil –Harmony AW 22, 32, 46, 68 (Non Toxic)
- Linseed Soap (Non Toxic)

Please see the Aston Bay Property Spill Prevention and Response Plan for the MSDS sheets for the above listed additives.

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

Core will be flown to camp, cut using a diamond bladed saw, sampled and shipped south for analytical testing at an accredited lab.

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 Aston Bay Property "Spill Prevention and Response Plan".

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

Three to four spill kits will be located at various locations throughout the camp, such as at the generator shack. Every fuel cache and/or refueling station will have at least one and each drill (may be one or two drills on site) and on will be stored at the generator shack.

25. Please describe the types, quantities, and method of storage of fuel and chemicals on site, and provide MSDS sheets.

See Aston Bay Property "Spill Prevention and Response Plan," which includes MSDS sheets for chemicals that may be on site.

WATER SUPPLY AND TREATMENT

26. Describe the location of water sources.

Camp water will be taken from the Aston River. Water for drilling will be taken from a number of small lakes. Care will be taken to ensure that water bodies will have large enough capacity to avoid impact on lake level or flow.

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

×	Domestic Use:	2m³/day	Water Source: Described above
×	Drilling: 40m³/d	ay /drill	Water Source: Described above
	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:

Water will be extracted from the river and small lakes using an electrically powered submersible pump with a fine screen (<1/4" openings) on the intake to prevent fish entrapments.

29. Will drinking water quality be monitored? What parameters will be analyzed and at what frequency?

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.

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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?

Water will be stored in temporary 500 L plastic tanks.

WASTE TREATMENT AND DISPOSAL

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

Waste management operations at the Aston Bay Property comprise a number of activities with the common goal of reducing the amount of waste generated on site and to ensure that any wastes created are reused, recycled, or disposed of in a responsible manner. Wastes will be separated at the source into a number of categories including: organics (food wastes), materials for incineration, inert recyclables, inert non-combustible materials, and various hazardous materials. Materials that cannot be incinerated or burned will be stored in appropriate containers until they can be removed from site for treatment and/or disposal at an accredited facility. For further information see the Aston Bay property "Waste Management Plan," and "Abandonment and Reclamation Plan."

Camp Sewage (blackwater)

The camp will have approximately 10 people to a maximum of 12 (\sim 0.05 m 3 /day) – The camp will utilize privy pits (outhouses), which will be located at least 31 m away from a water body. To control sewage pathogens, outhouses will be periodically treated with lime. When full, the pits will be covered with at least 30 cm of compacted soil.

× Camp Greywater

~2 m³/day – Camp greywater will be stored and treated in an excavated sump, which will allow for slow infiltration into the soil and will be located at least 31 m away from a water body. If available, coarse gravel will be placed in the bottom of the sump to provide filtration, and supports will be built on the sides to prevent slumping. Filters will be installed on kitchen drains to ensure solid food wastes do not enter the sumps and have the potential to attract wildlife. When full, greywater sumps will be covered with enough material to allow for future ground settlement.

× Solid Waste

Combustible Waste: All combustible waste will be incinerated in accordance with the Nunavut Environmental Guideline for the Burning and Incineration of Solid Waste. Any residual waste (ash) will be placed in sealed containers and backhauled to Resolute Bay for proper disposal.

Non-Combustible, Recyclable and Hazardous Waste: All non-combustible, recyclable and hazardous wastes will be sealed in appropriate containers and backhauled to Resolute Bay for proper disposal.

Bulky Items/Scrap Metal

Scrap metal, glass, electronics, waste tires, hoses, other rubber materials and bulky items will be repurposed for alternative uses whenever possible. Any residual metal or glass that cannot be reused will be placed in 205 L steel drums and backhauled for recycling. Vehicles and other mechanical equipment, such as generators, that are no longer usable, will be removed from site for refurbishment or recycling/disposal. Vehicles and equipment awaiting backhaul will be stored in a specially designated, bermed area.

× Waste Oil/Hazardous Waste

Waste oil will be collected and sealed in clearly marked plastic containers and transported to Resolute for disposal at and approved site. Lead acid batteries will also be sealed in appropriate, clearly marked containers, and transported to Resolute for disposal at an approved facility.

★ Empty Barrels/Fuel Drums

Empty containers will be stored in a designated area and returned to the supplier. Drums may alternatively be drained, air dried, backhauled to a recycling facility. Any residual fuels drained will be burned in tent stoves or a waste oil burner, or consolidated into drums and backhauled to a registered hazardous waste receiver.

X Other

Used rags, sorbents, batteries, aerosol cans and any contaminated soil, snow, or ice will be placed in clearly labeled, tightly sealed containers, such as 205 L steel drums, properly labelled and stored in the hazardous waste storage area until backhaul is possible.

Waste lead acid batteries and rechargeable batteries can only be stored in this manner in quantities of 1,000 kg or less and for periods of less than 180 days. All waste lead acid and rechargeable batteries will be backhauled from site as necessary to conform to regulations. Use of aerosol cans at the Aston Bay Property will be limited and whenever possible, alternatives, such as spray bottles, will be used in place of aerosol cans.

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- 33. Please describe incineration system if used on site. What types of wastes will be incinerated? A dual chamber, fuel fired incinerator will be used to incinerate inert combustible solid wastes, such as food, paper, cardboard and untreated wood. Ashes will be stored in sealed containers and removed from site for disposal at an approved facility.
- 34. Where and how will non-combustible waste be disposed of? If in a municipality in Nunavut, has authorization been granted?

Non-combustible waste will be stored in sealed containers and removed from site weekly for disposal at an approved facility. Authorization will be secured before commencement of field work.

35. Describe location (relative to water bodies and camp facilities) dimensions and volume, and freeboard for all sumps (if applicable).

Camp and drilling greywater will be stored and treated in an excavated sump or natural depression, which will allow for slow infiltration into the soil and will be located at least 31 m away from a water body. If available, coarse gravel will be placed in the bottom of the sump to provide filtration, and supports will be built on the sides to prevent slumping. Filters will be installed on kitchen drains to ensure solid food wastes do not enter the sumps and have the potential to attract wildlife. Sumps will maintain a minimum 1 metre freeboard at all times. The camp sumps and pipes will be inspected at regular intervals for leaks or overflow. When full, greywater sumps will be covered with enough material to allow for future ground settlement.

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

No leachate will be produced on site.

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?

All water supply and waste treatment and disposal methods have been proven in cold climates. No O&M problems are anticipated. Contingency plans are N/A.

ABANDONMENT AND RESTORATION

38. Provide a detailed description of progressive and final abandonment and restoration activities at the site

All drill sites will be cleaned after the completion of each hole. Any contaminated areas around the drill sites or camp will be treated in accordance with the Aston Bay Property "Spill Prevention and Response Plan." Any washed out areas will be filled and re-contoured to natural levels. Any areas of disturbed vegetation, including camp, fuel caches or drill sites will be photographed and managed as per recommendation of the AANDC inspector, which may include fertilization to encourage re-growth. For additional information see the Aston Bay Property "Abandonment and Restoration Plan."

BASELINE DATA

39. Has or will any baseline information be collected as part of this project? Provide bibliography. Due to the small scale and nature of the camp and exploration program, baseline data collection is not anticipated at this stage other than the drinking water quality, which will be monitored for various types of coliform bacteria, upon mobilization to the camp, periodically during the program and upon de-mobilization.

Physical Environment (Landscape and Terrain, Air, Water, etc.)
Biological Environment (Vegetation, Wildlife, Birds, Fish and Other Aquatic
Organisms, etc.)
Socio-Economic Environment (Archaeology, Land and Resources Use,

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Demographics, Social and Culture Patterns, etc.)
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

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