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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI
OFFICE DES EAUX DU NUNAVUT

EXPLORATION/ REMOTE CAMP SUPPLEMENTARY QUESTIONNAIRE

Applicant: ___Newmont Canada Ltd._____Licence No: _____
(For NWB Use Only)

ADMINISTRATIVE INFORMATION

1. Environment Manager: David Dehlin Tel:303 863 7414 Fax: (303) 708-4501 E-mail:david.dehlin@newmont. com

2. Project Manager:Jefferson K. Chambers Tel:(520) 481-6555 Fax: (520)743-0738 Email:jefferson.chambers@newmont.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. N/A

5. Duration of the Project

   One year or less — Start and completion dates: Start: March 23, 2008
   X Multi Year — End: March 22, 2010

   If Multi-Year indicate proposed schedule of on site activities
   Start: March 23, 2008_____ Completion: September 15, 2008_____

CAMP CLASSIFICATION

6. Type of Camp

   ☐ Mobile (self-propelled)
   ☐ Temporary
   ☐ Seasonally Occupied:
   ☐ Permanent _____
   X Other:There will be no camp at the project site. Lodging and support will be at Nueltin Treeline Lodge, Manitoba

7. What is the design, maximum and expected average population of the camp?
   There will be no camp on the project site. During day shift, crew will consist of approximately 5 people: 2 drillers, 2 site prep personnel, and 1 helicopter pilot. During night shift, the crew will consist of 2 drillers and 1 pilot.

8. Provide history of the site if it has been used in the past.
   There has been no previous camp on this project site. Previous work has been sporadic visits with a maximum of 8 people on site at any one time.

CAMP LOCATION

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

There will be no camp on site. Lodging and support will be at Nueltin Treeline Lodge, Manitoba

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.

There will be no camp on site. Lodging and support will be at Nueltin Treeline Lodge, Manitoba

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

		Land Use Permit Pending
X	Crown Lands	Permit Number (s)/Expiry Date: Prospecting permit list attached
☐	Commissioners Lands	Permit Number (s)/Expiry Date: _____
☐	Inuit Owned Lands	Permit Number (s)/Expiry Date: _____

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

Arviat, NU 350 km ENE from project
Lac Brochet, MB 215 km SSW from project

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

In Arviat, meetings have been held with the hamlet government and Hunter-Trapper Organization
In Lac Brochet, meeting has been held with the tribal council

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.
X 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
X Diamond drilling

☐ Reverse circulation drilling
☐ Evaluation Drilling/Bulk Sampling (also complete separate questionnaire)
☐ Other: _____

17. Type of deposit (exploration focus):

☐ Lead Zinc
☐ Diamond
X Gold
☐ Uranium
☐ Other: _____

DRILLING INFORMATION

18. Drilling Activities

X Land Based drilling
X Drilling on ice

19. Describe what will be done with drill cuttings?

Drill cuttings will be caught in a hand-dug sump or topographic depression, located at least 31 meters from high water line of adjacent lakes. When drilling on ice, cuttings will be caught with a Polydrill filter system and moved to a sump on land, at least 31 meters from adjacent lakes.

20. Describe what will be done with drill water?

When drilling on land, drill water will be caught in the same sump as drill cuttings and allowed to filter into the ground. When drilling on ice, water will be filtered through a Polydrill system and recirculated in the drillhole.

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.

550X Polymer, DR 133, Linseed Oil, Lubtub, W-OB Polymer, WDS 120 Polymer, Big Bear Rod Grease (see attached MSDS sheets)

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

No. Core will be transported to Nueltin Lake treeline Lodge, Manitoba for logging, testing and sampling.

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 Contingency Plan

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

Two spill kits will be located on site; One will be at the fuel cache and the other will be located at the active drillhole. In addition, there will be a spill kit located at the main fuel depot at the Nueltin Treeline Lodge, Manitoba.

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

Material	Maximum amount at on-site fuel cache	Maximum amount at drill rig
Diesel fuel	440 gallons (1,665 liters)	110 gallons (415 liters)
Jet A fuel	330 gallons (1,250 liters)	none
Gasoline	55 gallons (205 liters)	5 gallons (20 liters)
Propane	6 cannisters (500 liters)	3 cannisters (250 liters)

Fuel will be stored in 55 gallon drums within polyurethane secondary containment. Containment will be at least 120 % of maximum volume of stored fuel. Spill kits will be available at both the on-site cache and the drill rig. Empty cannisters and drums will be flown out to Nueltin Treeline Lodge, Manitoba.

WATER SUPPLY AND TREATMENT

26. Describe the location of water sources.

Water will be drawn from lakes adjacent to drill holes that are not frozen to the bottom. There are several convienent lakes on the porperty. Two principal locations are at 100° 27' 00" W Longitude, 60° 26' 00" N Latitude and 100° 19' 00" W longitude, 60° 27' 15" N Latitude. These lakes are indicated on the drillhole location map attached to the water license. Other lakes may also be used if they are closer to the drill site.

27.

Estimated water use (in cubic metres/day):

☐ Domestic Use: _____ Water Source: _____
X Drilling: 35-60 cubic meters/day Water Source: adjacent lakes
☐ 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:

Not applicable to camp operations, as there will be no field camp at the project. The intake for drill water will be covered with a mesh screen to avoid injury to fish.

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

There will be no camp at the site; water will not be used for human consumption and will not be monitored. Crews will bring drinking water with them from Nueltin Lodge in Manitoba, during their daily commute.

30. Will drinking water be treated? How?

There will be no camp at the site; water will not be used for human consumption and will not be treated. Crews will bring drinking water with them from Nueltin Lodge in Manitoba, during their daily commute.

31. Will water be stored on site?

Drinking water will not be stored on site. Drill water will be stored temporarily during recirculation, but not in a permanent container.

WASTE TREATMENT AND DISPOSAL

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

☐ Camp Sewage (blackwater) Not Applicable. There will not be a camp at the project site. Crew will stay at the Nueltin Lodge, Manitoba

☐ Camp Greywater Not Applicable. There will not be a camp at the project site. Crew will stay at the Nueltin Lodge, Manitoba

X Solid Waste - Solid waste will be collected in plastic bags and flown out to Nueltin Treeline Lodge in Manitoba and disposed of there.

X Bulky Items/Scrap Metal - Scrap metal and bulk waste will be flown out to Nueltin Treeline Lodge in Manitoba during demobilization at the end of the job. It will either be disposed of at the Lodge or shipped back to Yellowknife with the drill equipment.

X Waste Oil/Hazardous Waste - Oil and contaminated soil will be flown to Nueltin Treeline Lodge in sealed containers and then shipped to Yellowknife for disposal in an approved land farm.

X Empty Barrels/Fuel Drums - Fuel drums will be leased from Nueltin Treeline Lodge. Empty drums will be flown from the project to the lodge on a daily basis and left at the lodge at the end of the job.

Other:

33. Please describe incineration system if used on site. What types of wastes will be incinerated?

The existing approved trash incinerator at the Nueltin Treeline Lodge, Manitoba, will be used for waste appropriate for incineration.

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

Bio-degradable waste will be disposed of at the existing waste facilities at the Nueltin Treeline Lodge, Manitoba. Non- biodegradable waste that can not be incinerated will be shipped to Yellowknife for disposal at an approved landfill.

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

Drill sumps will be located near the drill rig at least 31 meters from high water marks of adjacent lakes. Dimensions are usually no more than 3 x 4 x 2 meters.

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

Not applicable. There will not be a camp at the project. Leachate will not be produced.

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?

Not applicable. There will not be a camp at the project site. The Nueltin Treeline Lodge in Manitoba will be used for living quarters and potable water supply.

ABANDONMENT AND RESTORATION

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

See abandonment and restoration plan.

BASELINE DATA

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

- ☐ 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,
- ☐ 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