

**SECTION 4:****THE MILL OR PROCESSING PLANT**

34. Is there (or will there be) a portable mill processing plant be operating on the property in conjunction with the exploration activity?

\_\_\_\_\_ Yes

\_\_\_\_\_ X \_\_\_\_\_ No

35. If "yes" indicate the proposed point of discharge for the mill or process plant water and the volume of the discharge.

Point of discharge

N/A

Volume of discharge

N/A

\_\_\_\_\_ m<sup>3</sup> / day

36. Attach a copy of the portable mill or processing plant flow sheet. Indicate the points of addition of all the various reagents (chemicals) that are (or will be) used.

37. Indicate the proposed rate of milling.

N/A

not applicable (check)

or

\_\_\_\_\_ tonnes / day

38. List the types and quantities of all reagents used in the mill or processing plant (in kg/tonne ore milled.)

N/A

Reagent:

N/A

Amount in kg/tonne ore milled:

39. If applicable, is the (proposed) milling circuit based on autogenous grinding? N/A

Yes \_\_\_\_\_

No \_\_\_\_\_

Partially \_\_\_\_\_

N/A

40. Based on present production or bench test results, describe the chemical and physical characteristics of liquid mill or processing plant wastes directed to the tailing deposition area.

T/Cu _____ mg/L	Total Ammonia _____ mg/L
T/Pb _____ mg/L	Suspended solids _____ mg/L
T/Zn _____ mg/L	Specific conductivity _____ uhmo/cm
T/Ag _____ mg/L	pH _____
T/Mn _____ mg/L	Alkalinity _____ CaCO <sub>3</sub> /L
T/Ni _____ mg/L	Hardness _____ mg/L
T/Fe _____ mg/L	Total cyanide _____ mg/L
T/Hg _____ mg/L	Oil and Grease _____ mg/L
T/As _____ mg/L	
T/Cd _____ mg/L	
T/Cr _____ mg/L	
T/Al _____ mg/L	

41. Provide a geochemical description of the solid fraction of the tailings.

N/A

Cu _____ mg/g	Al _____ mg/g
Pb _____ mg/g	Fe _____ mg/g
Zn _____ mg/g	Hg _____ mg/g
Ag _____ mg/g	Ni _____ mg/g
Mn _____ mg/g	As _____ mg/g
Cr _____ mg/g	CN _____ mg/g
Cd _____ mg/g	

**SECTION 5:****THE CONTAINMENT AREAS**

42. What is the (Proposed) method of disposal of the mine water, mill or process plant tailings (ie. sump, subaqueous, surface tailings pond, settling pond) ?

N/A

43. Attach detailed scale plan drawings of the proposed (or present) containment area. The drawings must include the following: N/A

- a. a. details of pond size and elevation;
- a. a. details of all retaining structures (length, width, height, materials of construction, etc.);
- a. a. details of the drainage basin;
- a. a. details of all decant, siphon mechanisms etc., including water treatment plant facilities;
- a. a. details with regard to the direction and route followed by the flow of wastes and / or waste water from the area; and
- a. a. indicate of the distance to nearby major watercourses;

44. Justify your choice of location for the containment area design by rationalising rejection of other options. Consider the following criteria in your comparisons: subsurface strata permeability, abandonment, recycling/reclaiming waters, and assessment of runoff into basins. Attach a brief summation.

N/A

45. The average depth of the existing or proposed containment area is dependent on the volume of water encountered metres.

N/A

46. Indicate the total capacity for the existing or proposed containment area by using water balance and stage volume calculations and curves. (Attach a description of inputs and outputs along with volume calculations.)

N/A

47. Has any evaporation and/or precipitation data been collected at the site ? \_\_\_\_\_ if so, please include the data.

N/A

48. Will the present or proposed containment area contain the entire production from the mill or processing plant complex for the life of the project ?

N/A

49. Will the proposed tailings deposition area engulf or otherwise disturb any existing watercourse?

N/A

50. If "Yes", attach all pertinent details (Name of watercourse, present average flow, direction of flow, proposed diversions, etc.)

51. Describe the proposed or present operation, maintenance and monitoring of the containment area.

N/A

**SECTION 6 :****WATER TREATMENT**

52. If applicable, will the minewater, mill or process plant water be chemically treated before being discharged to the containment area ? If so, explain the treatment process (Attach flow sheet if available).

*No minewater produced. N/A*

53. Will (treated) effluent be discharged directly to a natural waterbody or will polishing or settling ponds be employed ? Describe location, control structures, and process of water retention and transfer. Attach any relevant design drawings.

*N/A*

54. Name the first major watercourse the discharge flow enters after it leaves the area of company operations.

*No discharge into any watercourse*

**SECTION 7 :****ENVIRONMENTAL MONITORING PROGRAM**

N/A

No development  
has occurred.

55. Has Traditional Knowledge in the area been considered? If so, how? If not, why not?

56. Has any baseline data been collected for the main water bodies in the area prior to development?

57. If "Yes", include all data gathered on the physical, biotic and chemical characteristics at each sampling location. Identify sampling locations on a map.

58. Provide an inventory of hazardous materials on the property and storage locations.





**SECTION 8 :****ENVIRONMENTAL ASSESSMENT AND SCREENING***N/A at this stage*

59. Has this project ever undergone an initial environmental review? If Yes, By whom and when.

*No*

60. Has any baseline data collection and evaluation been undertaken with respect to the various biophysical components of the environment potentially affected by the project (eg. Wildlife, soils, air quality), ie. In addition to water related information requested in this questionnaire ?

☐ Yes☐ No☒ Unknown

61. If "Yes" please attach copies of reports or cite titles, authors and dates.

62. If no, are such studies being planned ? *No.*

Briefly describe the proposals.

63. Has authorization been obtained or sought from the Department of Fisheries and Oceans for dewatering or using any waterbodies for containment of waste?

N/A

64. Has a socio-economic impact assessment or evaluation of this project been undertaken ?  
(this would include a review of any public concerns, land, water and cultural uses of the area, implications of land claims, compensation, local employment opportunities, etc.)

Yes \_\_\_\_\_

No \_\_\_\_\_

Unknown \_\_\_\_\_

65. If "Yes" please describe the proposal briefly.

66. If "No" is such a study being planned ? Yes \_\_\_\_\_ No \_\_\_\_\_

67. Describe any cumulative impacts the project may create?

No effects by this short-term, small-scale activity.

68. Does the project alter the quantity or quality or flow of waters through Inuit Owned Lands?

*No.*

69. If yes, has the applicant entered into an agreement with the Designated Inuit Organization to pay compensation for any loss or damage that may be caused by the alteration.

*N/A*

70. If no compensation arrangement has been made, how will compensation be determined?

*N/A*