



## SCREENING PART 2 FORM PROJECT SPECIFIC INFORMATION REQUIREMENTS (PSIR)

### Parker, Peter and Fox lakes exploration projects

#### Project General Information

##### Need and purpose of the proposed project.

*The activities proposed are situated on mineral claims located between 40 and 140 km north-west of the Rankin Inlet community. The exploration works planned under this application will consist in prospecting, diamond drilling and geophysics activities.*

##### Schedule for all project activities.

- *Exploration is planned to run for many years, normally from May to November.*

##### Acts, regulations and guidelines that apply to project activities.

- *The Fisheries Act*
- *The Nunavut Waters and Nunavut Surface Rights Tribunal Act*
- *The Migratory Birds Convention Act and Migratory Birds Regulations*
- *The Species at Risk Act*
- *The Nunavut Wildlife Act*
- *The Nunavut Act*
- *The Navigable Waters Protection Act*

##### List the approvals, permits and licenses required to conduct the project.

- NWB: application for 2 water licences have been submitted
- AANDC: an application for a land use permit has been submitted
- KIA: an application for a land use permit has been submitted
- NPC: a conformity determination application has been submitted

## DFO Operational Statement (OS) Conformity

Indicate whether any of the following Department of Fisheries and Oceans (DFO) Operational Statement (OS) activities apply to the project proposal:

- Bridge Maintenance N/A
- Clear Span Bridge N/A
- Culvert Maintenance N/A
- Ice Bridge N/A
- Routine Maintenance Dredging N/A
- Installation of Moorings N/A

If any of the DFO's OS apply to the project proposal, does the Proponent agree to meet the conditions and incorporate the measures to protect fish and fish habitat as outlined in the applicable OS? If yes, provide a signed statement of confirmation.

➤ N/A

## Transportation

Describe how the project site will be accessed and how supplies will be brought to site. Provide a map showing access route(s).

➤ *The area will be accessed by helicopter.*

If a previous airstrip is being used, provide a description of the type of airstrip (ice-strip/all-weather), including its location. Describe dust management procedures (if applicable) and provide a map showing location of airstrip.

➤ N/A

If an airstrip is being constructed, provide the following information:

- a. Discuss design considerations for permafrost
- b. Discuss construction techniques
- c. Describe the construction materials, type and sources, and the acid rock drainage (ARD) and metal leaching (ML) characteristics (if rock material is required for airstrip bed).
- d. Describe dust management procedures.
- e. Provide a map showing location of proposed airstrip.

Describe expected flight altitudes, frequency of flights and anticipated flight routes.

➤ *No airstrip planned under this application.*

## Camp Site

No new camp is planned to be installed.

Describe the maximum number of personnel expected on site, including the timing for those personnel involved with the project.

- NA

## Equipment

Provide a list of equipment required for the project and discuss the uses for the equipment.

| Equipment type and number | Size – dimensions | Proposed use                          |
|---------------------------|-------------------|---------------------------------------|
| 2 diamond drills          |                   | Diamond drilling                      |
| 2 pump shacks             |                   | Pump water for diamond drilling       |
| 2 helicopters 407         |                   | Transport drill, material and workers |

## Water

Describe the location of water source(s), the water intake methods, and all methods employed to prevent fish entrapment. Provide a map showing the water intake locations.

- *The drilling water will be obtained from local ponds and lakes.*

Describe the estimated rate of water consumption (m<sup>3</sup>/day).

- *For 2 drills, without water recirculation, the use could be up to 100m<sup>3</sup>/day. In case the drilling results are promising and requiring additional drills and water, the two water licences application will be for 299m<sup>3</sup>/day.*

Describe how waste water will be managed. If relevant, provide detail regarding location of sumps, including capacity of sumps and monitoring.

- *As authorized by all the previous water licences emitted, the waste water will be disposed at least 30 metres from the ordinary high water mark.*

If applicable, discuss how surface water and underground water will be managed and monitored.

- *Agnico Eagle will monitor the water near the exploration works during the summer and under the ice during the winter (if on ice drilling is carried out).*

## Waste Water (Grey water, Sewage, Other)

Describe the quantities, treatment, storage, transportation, and disposal methods for the following (where relevant):

*The waste water is produced and managed at the camps which are already under existing licences and permits.*

If the project proposal includes a landfill or landfarm, indicate the locations on a map, provide the conceptual design parameters, and discuss waste management and contact-water management procedures.

- N/A

## Fuel

Describe the types of fuel, quantities (number of containers, type of containers and capacity of containers), method of storage and containment. Indicate the location on a map where fuel is to be stored, and method of transportation of fuel to project site.

| Fuel                                     | Number of Containers and Capacity of Containers | Total Amount of Fuel (in Litres)                                     | Proposed Storage Methods   |
|--|---|--|--|
| Diesel                                   | 6   | Up to 3600L  | 600L (summer tanks)  |
| Gasoline                                 | 2   | 40L  | 20L jerry cans   |
| Aviation fuel                            | 10  | 205L   | 205L drums in secondary containment                                    |
| Propane                                  | 2   | 200 pounds   | 100 pound tanks  |
| Other                                    |   |  |  |
| <b>Hazardous Materials and Chemicals</b> |   | <b>Total Amount of Hazardous Materials and Chemicals (in Litres)</b> | Limited quantities of hazardous materials are needed for the drilling. |
| Hydraulic oil                            | 2 x 25 L  | 50   | Plastic pails  |
| Motor oil                                | 2 x 25 L  | 50   | Plastic pails  |
| Glycol                                   | 2 x 25 L  | 50   | Plastic pails  |

Describe any secondary containment measures to be employed, including the type of material or system used. If no secondary containment is to be employed, please provide justification.

- *Storage tanks are double-walled.*

Describe the method of fuel transfer and the method of refuelling.

*Fuel is transferred from double wall tanks to the machineries and vehicles using electric pumps. The operator is always present during the transfer and a spill kit is available,*

Describe spill control measures in place.

- *Please refer to the Spill Contingency Plan.*

### **Chemicals and Hazardous Materials\***

*\*included but not limited to oils, greases, drill mud, antifreeze, calcium or sodium chloride salt, lead acid batteries and cleaners*

Describe the types, quantities (number of containers, the type of container and capacity of containers), method of storage and containment. Indicate the location on a map where material is to be stored, and method of transportation of materials to project site.

- *Most of these products are stored at the camps which are under existing licences and permits. A minimum of the required material is stored at the drill site in secondary containment.*

Describe any secondary containment measures to be employed, including the type of material or system used.

- *Normally, flexible berms are used.*

Describe the method of chemical transfer.  
Describe spill control measures in place.

- *Please refer to the Spill Contingency Plan.*

### **Workforce and Human Resources/Socio-Economic Impacts**

Discuss opportunities for training and employment of local Inuit beneficiaries.

- *In support to the mineral exploration and operation, many local Inuit beneficiaries are employed. Detailed data from the existing Agnico Eagle sites could be provided if needed.*

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## PROJECT SPECIFIC INFORMATION

### Section B Mineral Exploration /Advanced Exploration /Development

#### B-1. Project Information

Describe the type of mineral resource under exploration.

- *The objective of this exploration program is to find gold occurrences.*

#### B-2. Exploration Activity

Indicate the type of exploration activity:

- *Drilling*
- *Geophysical work (ground/air)*
- *Prospecting*

Describe the exploration activities associated with this project:

- *Soil sampling*
- *On land drilling*
- *On ice drilling*
- *Geophysical work (ground/air)*
- *Prospecting*

#### B-3. Geosciences

Indicate the geophysical operation type:

- *Magnetic*
- *Electromagnetic*
- *Induced Polarization*

Indicate the geological operation type:

- *Geological Mapping*
- *Till sampling*
- *Rock sampling*
- *Diamond drilling*

#### **B-4. Drilling**

Provide the number of drill holes and depths (provide estimates and maximums where possible).

- *Approximately 30 holes per year under this application, but could be more or less depending on the results obtained. Depth of holes normally between 150 to 250 metres, but could be deeper.*

Discuss any drill additives to be used.

- *The drill additives used are environmentally safe and the calcium used during the drilling is used at minimal quantity to prevent the holes from freezing.*

Describe method for dealing with drill cuttings.

- *The drill cuttings will be located at least 30 metres from the ordinary high water mark.*

Describe method for dealing with drill water.

- *The water used is recorded with a water meter.*

Describe how drill equipment will be mobilized.

- *Helicopters will be used for drill, equipment and worker transport.*

Describe how drill holes will be abandoned.

- *The casings will be removed or cut.*

If project proposal involves uranium exploration drilling, discuss the potential for radiation exposure and radiation protection measures. Please refer to the *Canadian Guidelines for Naturally Occurring Radioactive Materials* for more information.

- *N/A*