



APPENDIX I

NIRB Screening Part 1 Form – English



PART 1 FORM PROJECT PROPOSAL INFORMATION REQUIREMENTS

For more information about the Nunavut Impact Review Board (NIRB) please visit our web site <http://nirb.nunavut.ca/> or to access NIRB documents, project screenings, and project reviews please visit the Nunavut Impact Review Board ftp site <http://ftp.nunavut.ca/nirb>.

IMPORTANT!

Please be advised that your application will not be processed until the Sections 1 - 9 are completed in their entirety, in both English and Inuktitut (+ Inuinnaqtun, if in the Kitikmeot).

SECTION 1: APPLICANT INFORMATION

1. **Project Name** Phase 1 - Meliadine All-Weather Access Road – Underground Advanced Exploration Program, Meliadine Gold Project

2. **Applicant's full name and mailing address:**

Meliadine Gold Project
Agnico-Eagle Mines Ltd.
93, rue Arsenault bureau 202
Val d'Or, Québec, J0P0E9

Phone: 819 825 3744
Fax: 819 825 3770
Email: Eric.M.Lamontagne@agnico-eagle.com

3. **Primary contact's full name and mailing address:**

John Witteman
Agnico-Eagle Mines Ltd
601 – 2 Street
Canmore, AB T1W2K2

Phone: 819 277 5444
Email: jwitteman@agnico-eagle.com

SECTION 2: AUTHORIZATION NEEDED

1. **Indicate all authorizations associated with the project proposal:**

<input checked="" type="checkbox"/>	Regional Inuit Association (RIA)
<input checked="" type="checkbox"/>	Nunavut Water Board (NWB)
<input checked="" type="checkbox"/>	Nunavut Planning Commission (NPC)
<input checked="" type="checkbox"/>	Indian and Northern Affairs Canada (INAC)
<input checked="" type="checkbox"/>	Department of Fisheries and Oceans (DFO)
<input checked="" type="checkbox"/>	Community Government & Services (CG&S)
<input type="checkbox"/>	Nunavut Research Institute (NRI)
<input checked="" type="checkbox"/>	Department of Culture, Language, Elders, and Youth (CLEY)

<input type="checkbox"/>	Canadian Launch Safety (CLS)
<input type="checkbox"/>	Environment Canada (EC)
<input type="checkbox"/>	Government of Nunavut (GN)
<input type="checkbox"/>	Department of National Defense (DND)
<input checked="" type="checkbox"/>	Hamlet
<input type="checkbox"/>	Parks Canada (PC)
<input type="checkbox"/>	Canadian Wildlife Service (CWS)
<input type="checkbox"/>	Other (please specify):
<input checked="" type="checkbox"/>	Transport Canada - NWPA



2. List the active permits, licenses, or other authorizations related to the project proposal, and their expiry date(s):

Refer to table 9.2-1 in the Phase 1 - Meliadine All-Weather Access Road Project Description and Environmental Assessment document.

3. List the pending permits, licenses, or other authorizations related to the project proposal:

Refer to table 9.3-1 in the Phase 1 - Meliadine All-Weather Access Road Project Description and Environmental Assessment document.

4. Has this project or any components of this project been previously screened or reviewed by NIRB?

☒ YES

☐ NO

If YES, indicate the previous project name and NIRB File No.

NIRB file 07EN044 Water Licence & Commercial lease for exploration and underground activities

NIRB file 07AN063 Overland Road Right-of-Way

NIRB file 10EN006 Geotechnical drilling next to the Meliadine River for the abutments

NIRB file 11RN017 All-Weather Road in support of the Underground Program



SECTION 3: PROJECT PROPOSAL DESCRIPTION

1. Indicate the type of project proposal (check all that apply)^(1,2):
(See Appendix A for Project Type Definitions)

1	All-Weather Road/Access Trail	<input checked="" type="checkbox"/>	9	Site Cleanup/Remediation	<input type="checkbox"/>
2	Winter Road/ Winter Trail	<input type="checkbox"/>	10	Oil and Natural Gas Exploration/Activities	<input type="checkbox"/>
3	Mineral Exploration	<input type="checkbox"/>	11	Marine Based Activities	<input type="checkbox"/>
4	Advanced Mineral Exploration	<input type="checkbox"/>	12	Scientific/International Polar Year Research*	<input type="checkbox"/>
5	Mine Development /Bulk Sampling	<input type="checkbox"/>	13	Harvesting Activities*	<input type="checkbox"/>
6	Pits and quarries	<input checked="" type="checkbox"/>	14	Tourism Activities*	<input type="checkbox"/>
7	Offshore Infrastructure (port, break water, dock)	<input type="checkbox"/>	15	Other ⁽²⁾ :	<input type="checkbox"/>
8	Seismic Survey	<input type="checkbox"/>			<input type="checkbox"/>

Please note:

- All project types listed above, except those marked with an asterisk (*), will also require the Proponent to submit a **Part 2 Project Specific Information Requirement (PSIR) Form**. The NIRB application process will not be considered complete without the Part 2 PSIR Form.
- Please be advised that in order to complete the NIRB process, the NIRB may request additional information at any time during the process.
- If "Other" is selected, contact NIRB for direction on whether a Part 2 PSIR Form is required.

2. If Project Type 3, 4 or 5 was selected above, please indicate the mineral of interest that is being extracted. Include a brief description.

<input type="checkbox"/>	Gold
<input type="checkbox"/>	Diamonds
<input type="checkbox"/>	Uranium
<input type="checkbox"/>	Other: _____

- 3a. If Project Type 13, 14 or 15 was selected above, complete the table and questions below.

Transportation Type	Quantity	Proposed Use	Length of Use
<i>E.g. Helicopter</i>	<i>1</i>	<i>Site to site pick ups and drop offs</i>	<i>6 days</i>

- 3b. Describe any docks, piers, air strips or related structures that are to be used in conjunction with the proposed project activities. **Please note:** the building of new structures may require a Part 2 Form.

There will not be any docks, piers, air strips or related structures associated with construction and operation of the Phase 1 road. Abutments will be built above the ordinary high water mark for three clear span bridges.



- 3c. If a temporary camp site is to be established, describe the proposed structures in detail and indicate the type and source of power for the camp site if applicable.

No temporary camps will be established for building the Phase 1 road. Contractors building the road and installing the bridges are responsible for the lodging of their employees. It is expected commercial lodging will be used in Rankin Inlet for those coming from out-of-town.

4. Personnel

Total No. of personnel on site = (A)	55	Total No. of days on-site = (B)	155	Total No. of Person days (A) x (B) = 8525
	_____		_____	_____

5. Timing

Period of Construction:	from	<u>2012</u>	To	<u>2012</u>
Period of operation:	from	<u>2012</u>	To	<u>2014</u>
Proposed term of authorization:	from	<u>2012</u>	To	<u>2014</u>

Upon receipt of the Project Certificate and necessary regulatory authorizations, Phase 2 of the All-Weather Access Road will be built. The proposed term of authorization above applies only to the Phase 1 road.

6a. Region (check all that apply):

<input type="checkbox"/> North Baffin	<input checked="" type="checkbox"/> Kivalliq	<input type="checkbox"/> Kitikmeot	<input type="checkbox"/> Transboundary: _____
<input type="checkbox"/> South Baffin	<input type="checkbox"/> National Park		

- 6b. Describe the location of the proposed project activities in a regional context, noting the proximity to the nearest communities and any protected areas.

The regional context of the Phase 1 All-Weather Access Road is shown on figure 3-1-1 in the Phase 1 - Meliadine All-Weather Access Road Project Description and Environmental Assessment document. The all-weather road will start from an existing Rankin Inlet municipal road after it crosses the Char River. From there the road will cross over the Meliadine River and then continue on to the Meliadine site. The road will be approximately 23.8 km long.

- 6c. Discuss the history of the site if it has been used for any project activities in the past.

Refer to section 1.1 Brief History of the Meliadine Gold Project in the Phase 1 - Meliadine All-Weather Access Road Project Description and Environmental Assessment document.

- 6d. Indicate if there are any known archaeological/palaeontological historical sites in the area.

A number of archaeological sites were found along the road right-of-way and at proposed quarry locations. AEM will avoid what sites it can but there are some sites that will be disturbed in building the road (Section 6 of the Phase 1 - Meliadine All-Weather Access Road Project Description and Environmental Assessment addresses this issue and how sites will be avoided or mitigates). Following approval by CLEY, the sites near the Meliadine River were mitigated by a qualified archaeologist registered in Nunavut. The subsequent mitigation report was accepted by CLEY. Again following approval by CLEY, mitigation work will be carried out on the remaining sites with a report to be prepared for CLEY's approval.

7. Land Status (check all that applies):

<input checked="" type="checkbox"/> Crown	<input checked="" type="checkbox"/> Commissioners'	<input checked="" type="checkbox"/> Municipal
<input checked="" type="checkbox"/> Inuit Owned Surface Lands	<input checked="" type="checkbox"/> Inuit Owned Sub-Surface Lands	



8a. Co-ordinates:

Min Lat (degree/minute)	<u>62° 51' 32"</u>	Min Long (degree/minute)	<u>92° 01' 40"</u>
Max Lat (degree/minute)	<u>63° 01' 52"</u>	Max Long (degree/minute)	<u>92° 11' 40"</u>

NTS Map Sheet No: 055N/01 & 055K/16

(Please ensure that maps of the project are attached (1:50,000 **if available**, 1:250, 000 **Mandatory**) available from Natural Resources Canada)

Please refer to the attached figure.

8b. If the project proposal includes a **camp**, please provide the coordinates of the camp location

Min Lat (degree/minute)	<u>Not Applicable</u>	Min Long (degree/minute)	<u></u>
Max Lat (degree/minute)	<u></u>	Max Long (degree/minute)	<u></u>

If different from above for the camp:

NTS Map Sheet No: Not Applicable

Please ensure that maps of the project are attached (1:50,000 **if available**, 1:250, 000 **Mandatory**) available from Natural Resources Canada

Please note that additional location information may be required in a subsequent Project Specific Information Requirement (PSIR) submission. This may take the form of a digital Geographic Information Systems (GIS) file.

SECTION 4: NON-TECHNICAL PROJECT PROPOSAL DESCRIPTION

Please include a non-technical description of the project proposal, no more than 500 words, in English and Inuktitut (+Inuinnaqtun, if in the Kitikmeot). The project description should outline the following:

Non-Technical Project Summary

- **The project activities, their necessity and duration;**

The Meliadine Gold Project is located approximately 25 kilometres northwest of the Municipality of Rankin Inlet, Nunavut. In late 2010, Agnico-Eagle Mines Limited (AEM) announced that it planned to accelerate the pace of advanced exploration at the Meliadine West site given the encouraging drilling results achieved to date. AEM has subsequently re-opened the underground decline, increased the number of operating diamond drills, and modified and expanded the exploration camp and associated facilities (sewage treatment, potable water treatment, power generation, etc.) to allow exploration to continue year round.

The main obstacle to advancing the pace of exploration at Meliadine is the amount of on-site fuel storage, currently at 1.8 million litres, which is not sufficient to allow year round exploration activity or to allow AEM to expand its pace of development at this site. Additional fuel storage capacity of 1.6 million litres is planned for early 2012 but even that will not be enough.

- **Method of transportation;**



The only way to get to the Meliadine site today is by helicopter, and winter road from late January to May of each year. Consequently, to allow year-round delivery of fuel to the site and reduce transportation of materials and staff to the exploration site, AEM is proposing to construct a single lane gravel road to provide year round access between Rankin Inlet and the Meliadine Project site. The all-weather access road (AWAR) would be constructed as Phase 1 and public use would be controlled by a gate at the start of the road near the Char River.

- **Any structures that will be erected (permanent/ temporary);**

The Phase 1 road would be a single lane, gravel road 23.8 km long. There will be 3 single span bridges over the Char River, Meliadine River and a small stream. There will also be 8 culvert crossings for other small streams that the road will cross. Half way between Rankin Inlet and the Meliadine site there will be an emergency shelter constructed to provide refuge in the event of an emergency condition.

- **Alternatives considered; and**

Various alternatives were considered to building the Phase 1 All-Weather Access Road. Combinations of helicopter fuel lifts, winter road and increased fuel storage were all considered. After careful consideration, the Phase 1 All-Weather Access Road was proposed to best serve the needs of the Meliadine site. It would be the most economical for the project, and have low environmental impact and be the most safe.

- **Long-term developments, the projected outcome of the development for the area and its timeline.**

The Phase 1 All-Weather Access Road would be followed by the Phase 2 road should Agnico-Eagle Mines receive approval to build a mine. At this point the road would be widened to two lanes with open public access. Agnico-Eagle will provide public education programs on road safety and road operating procedures. There will not be any gate on the road except close to the Meliadine site. Public use of the road in the immediate area of the Meliadine site will be restricted to those delivering fuel, materials and other supplies to the site, and to people working at the site.

IMPORTANT: IF THE PROPOSED ACTIVITIES REQUIRE SUBMISSION OF A NIRB PART 2 PSIR FORM, PLEASE COMPLETE SECTION 8 ONLY, OTHERWISE CONTINUE ON WITH SECTION 5.

SECTION 5: MATERIAL USE

- 1. List equipment to be used (including drills, pumps, aircraft, vehicles, etc.):**

Equipment type and number	Size – dimensions	Proposed use



2a. Detail fuel and hazardous material use:

Fuel	Number of Containers and Capacity of Containers	Total Amount of Fuel (in Litres)	Proposed Storage Methods
Diesel			
Gasoline			
Aviation fuel			
Propane			
Other			
Hazardous Materials and Chemicals		Total Amount of Hazardous Materials and Chemicals (in Litres)	

2b. Describe the proposed Spill Prevention Plan.

3a. Detail the anticipated daily water consumption rates

Daily amount (m ³)	Proposed water retrieval methods	Proposed water retrieval location

3b. Have you applied for a water License with the Nunavut Water Board?

☐ YES

☐ NO

If yes, what class of licence?

☐ Class A Water Licence

☐ Class B Water Licence

SECTION 6: WASTE DISPOSAL AND TREATMENT METHODS

1. List the types of waste associated with the proposed project activities:

Type of waste	Projected amount generated	Method of Disposal	Additional treatment procedures
Sewage (human waste)			
Greywater			



Combustible wastes			
Non-Combustible wastes			
Overburden (organic soil, waste material, tailings)			
Hazardous waste			
Other:			

2. Describe the proposed Waste Management Plan.

SECTION 7: COMMUNITY INVOLVEMENT & REGIONAL BENEFITS

1. List the community representatives that have been contacted and provide the minutes of the meetings if available:

Community	Name	Organization	Date Contacted

SECTION 8: GENERAL QUESTIONS

1. Will you be disturbing any known archaeological sites?

☒ YES

☐ NO

A number of archaeological sites were found along the road right-of-way and at proposed quarry locations. These sites could be disturbed in building the road. Following approval by CLEY, the sites near the Meliadine River were mitigated by a qualified archaeologist registered in Nunavut. The subsequent mitigation report was accepted by CLEY. Again following approval by CLEY, mitigation work will be carried out on the remaining sites with a report to be prepared for CLEY's approval.

SECTION 9: APPLICANT SIGNATURE

Please sign and date your application:

Signature

Eric M. Lamontagne
Meliadine Project Manager
Title

25 September 2011
Date