



## PART 1 FORM PROJECT PROPOSAL INFORMATION REQUIREMENTS

To access NIRB documents, project screenings, and project reviews please visit the Nunavut Impact Review Board's ftp site <http://ftp.nirb.ca/>. The NIRB's website ([www.nirb.ca](http://www.nirb.ca)) is currently under construction. Please contact [info@nirb.ca](mailto:info@nirb.ca) should you have any questions or require further information.

### 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** Meliadine Gold Underground Exploration and Bulk Sample Extension

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

Comaplex Minerals Corp.

901, 1015 - 4<sup>th</sup> St. SW

Calgary, AB T2R 1J4

Phone: 403 265 2846

Fax: 403 232 1421

Email: mbalog@comaplex.com

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

Mark Balog, Chief Operating Officer

Comaplex Minerals Corp.

901, 1015 - 4<sup>th</sup> St SW

Calgary, AB T2R 1J4

Phone: 403 265 2846

Fax: 403 232 1421

Email: mbalog@comaplex.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 type="checkbox"/>	Department of Fisheries and Oceans (DFO)
<input type="checkbox"/>	Community Government & Services (CG&S)
<input type="checkbox"/>	Nunavut Research Institute (NRI)
<input 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 type="checkbox"/>	Hamlet
<input type="checkbox"/>	Parks Canada (PC)
<input type="checkbox"/>	Canadian Wildlife Service (CWS)
<input type="checkbox"/>	Other (please specify):

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

See attached list



3. List the pending permits, licenses, or other authorizations related to the project proposal:  
**NWB Licence 2BB MEL0914 amendment**

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

YES

If YES, indicate the previous project name and NIRB File No. 07EN044

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### SECTION 3: PROJECT PROPOSAL DESCRIPTION

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

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

3a. If Project Type 12, 13 or 14 was selected above, complete the table and questions below.

Transportation Type	Quantity	Proposed Use	Length of Use
Not Applicable			

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.

**Not Applicable**

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.

**The existing exploration camp is to be used but extra tents will be removed from the Meliadine East site and added to the existing exploration camp. Towards the end of the bulk program an additional camp may be required to accommodate all personnel and an amendment would be submitted.**

#### 4. Personnel

Total No. of personnel on site = (A)	<u>50 to 70</u>	Total No. of days on-site = (B)	<u>330/year</u>	Total No. of Person days (A) x (B) = <b>16,500 to 23,100</b>
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#### 5. Timing

Period of operation: from January 2011 to July 31 2014  
Proposed term of authorization: from January 2011 to July 31, 2014

#### 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.

**Rankin Inlet is approximately 30 km to the south and distant from any protected areas.**



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

The first mineral claims in the area were staked by Comaplex in 1988. Continuous exploration programs from 1989-2001 identified significant gold mineralization with potential for commercial production. Comaplex significantly expanded the Tiriganiaq gold deposit by drilling from 2004-2009.

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

Two archaeological sites are found within the footprint of the proposed Tiriganiaq open pit. The underground exploration and bulk sample extension is distant from and will have no impact on these archaeological sites.

**7. Land Status (check all that applies):**

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

**8a. Co-ordinates:**

Min Lat (degree/minute)	<u>63 01 34</u>	Min Long (degree/minute)	<u>92 12 14</u>
Max Lat (degree/minute)	<u></u>	Max Long (degree/minute)	<u></u>

NTS Map Sheet No: 55 N/1 (1:50,000)

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

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

Min Lat (degree/minute)	<u>63 01 42</u>	Min Long (degree/minute)	<u>92 10 15</u>
Max Lat (degree/minute)	<u></u>	Max Long (degree/minute)	<u></u>

If different from above for the camp:

NTS Map Sheet No: 55 N/1 (1:50,000)

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:

- The project activities, their necessity and duration;
- Method of transportation;
- Any structures that will be erected (permanent/ temporary);
- Alternatives considered; and
- Long-term developments, the projected outcome of the development for the area and its timeline.

**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.

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3a. Detail the anticipated daily water consumption rates

Daily amount (m <sup>3</sup> )	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

## SECTION 9: APPLICANT SIGNATURE

Please sign and date your application:

Signature Mark Balog

Chief Operating Officer  
Title

25 February 2010  
Date





**Tourism Activity:** A project proposal with the objective of conducting travel predominantly for recreational, sport or leisure purposes within a designated area and limited time period.

**Winter Road:** A project proposal with the objective of building a road for winter use by leveling and compacting surface snow and ice. Winter road is removed at end of season.

**Winter Trail:** A project proposal with the objective of building a trail for winter use by a single pass of a tracked vehicle using a blade, if necessary.