



Application for Water Licence Amendment

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Month/Day/Year

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NUNAVUT IMALIRIYIN KATIMAYIT
NUNAVUT WATER BOARD
OFFICE DES EAUX DU NUNAVUT

DOCUMENT MANAGEMENT

Original Document Date: April 2010

DOCUMENT AMENDMENTS

	Description	Date
(1)	Updated for public distribution as separate document from NWB Guide 7	June 2010
(2)	Updated NWB logos and reformatted table to allow rows to break across page	May 2011
(3)	New NWB logo; request for background information; and change to Block 24	April 2013
(4)		
(5)		
(6)		
(7)		
(8)		
(9)		
(10)		



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NUNAVUT WATER BOARD

NUNAVUT IMALIRIYIN KATIMAYIT

OFFICE DES EAUX DU NUNAVUT

APPLICATION FOR WATER LICENCE AMENDMENT

The applicant is referred to the NWB's Guide 7: Licensee Requirements Following the Issuance of a Water Licence for more information about this application form.

Where possible, provide background information regarding the original licence application or attach previously submitted information.

EXISTING LICENCE NO: 2BB-MEL1424

1. LICENSEE CONTACT INFORMATION

Is the licensee the same as that referred to on the existing licence?

☒ Yes ☐ No

If No, a licence assignment must be completed and approved by the NWB. **An amendment will only be issued in the name of the current licensee in the absence of assignment of the licence.**

If the licensee is the same, but the name of the licensee has changed, attach a certificate of name change.

Name: Agnico-Eagle Mines Limited

Attention: Stéphane Robert, Manager Regulatory Affairs Nunavut

Address: 10 200, route de Preissac, Rouyn-Noranda, Québec, J0Y 1C0

Phone: (819) 759-3700 ext. 5188 Mobile Phone: (819) 763-0229

Fax: (819) 759 3663

e-mail: stephane.robert@agnicoeagle.com

2. LICENSEE REPRESENTATIVE CONTACT INFORMATION – If different from Block 1.

Name:

Address:

Phone:

Fax:

e-mail:

(Attach authorization letter.)

3. NAME OF PROJECT

Has the name of the project changed?

☐ Yes X No

If Yes, indicate the name of the project including the name of the location: _____

4. LOCATION OF UNDERTAKING

Does the proposed amendment change the location of the amended undertaking?

☐ Yes X No

Provide the project extents and camp locations. Identify proposed changes.

Project Extents

NW:	Latitude: (63 ° 04 ' 40" N)	Longitude: (92 ° 22 ' 03" W)
NE:	Latitude: (63 ° 04 ' 40" N)	Longitude: (92 ° 01 ' 18 " W)
SE:	Latitude: (62 ° 57 ' 63 " N)	Longitude: (92 ° 01 ' 18 " W)
SW:	Latitude: (62 ° 57 ' 63 " N)	Longitude: (92 ° 22 ' 03" W)

Camp Location(s)

Latitude: (63 ° 01 ' 30" N)	Longitude: (92° 10' 20" W)
------------------------------	-----------------------------

5. MAP

Does the proposed amendment change the locations of any of the main components of the undertaking?

☐ Yes X No

Attach a topographical map, indicating the main components of the undertaking. Identify proposed changes.

NTS Map Sheet No.: 55 N/1 Map Name: Meliadine Lake Map Scale: 1:50,000

Figures can be found at the end of this amendment application.

Figure 1 shows the location of the advanced exploration site in relation to Rankin Inlet.

6. NATURE OF INTEREST IN THE LAND

Does the proposed amendment change the nature of the interest in the land?

☐ Yes ☒ No

If Yes, indicate changes. _____

Check any of the following that are applicable to the proposed undertaking (at least one box under the 'Surface' header must be checked).

Sub-surface

☒ Mineral Lease from Nunavut Tunngavik Incorporated (NTI)

Date (expected date) of issuance: *various times after Nunavut Land Claim Agreement signed*

Date of expiry: *varies, renewed as required*

Agnico-Eagle has 3,430 ha of sub-surface Nunavut Tunngavik Inc. (NTI) concessions where the subsurface mineral rights are administered directly by NTI.

☒ Mineral Lease from Indian and Northern Affairs Canada (INAC)

Date (expected date) of issuance: *before NLCA signed*

Date of expiry: *varies – earliest 2017 for some claims, others later; renewed as required.*

Mineral leases (51,286 ha) and claims (887 ha) are grandfathered under the Canada Mining Regulations and are administered by Aboriginal Affairs and Northern Development.

Surface

☐ Crown Land Use Authorization from Indian and Northern Affairs Canada (INAC)

Date (expected date) of issuance: _____ Date of expiry: _____

☐ Inuit Owned Land (IOL) Authorization from Kitikmeot Inuit Association (KIA)

Date (expected date) of issuance: _____ Date of expiry: _____

☒ IOL Authorization from Kivalliq Inuit Association (KivIA)

Date (expected date) of issuance: *commercial lease, July 1, 2002*

Date of expiry: *June 30, 2017, (renewed every 2 years)*

☐ IOL Authorization from Qikiqtani Inuit Association (QIA)

Date (expected date) of issuance: _____ Date of expiry: _____

☐ Commissioner's Land Use Authorization

Date (expected date) of issuance: _____ Date of expiry: _____

☐ Other _____

Date (expected date) of issuance: _____ Date of expiry: _____

Is the name of the entity(s) holding authorizations the same as that considered in the existing water licence?

☒ Yes ☐ No

If No, a licence assignment must be completed and approved by the NWB.

Name of entity(s) holding authorizations: _____

7. NUNAVUT PLANNING COMMISSION (NPC) DETERMINATION

Indicate the land use planning area in which the existing project is located.

- | | |
|---------------------------------------|--|
| <input type="checkbox"/> North Baffin | <input checked="" type="checkbox"/> Keewatin |
| <input type="checkbox"/> South Baffin | <input type="checkbox"/> Sanikiluaq |
| <input type="checkbox"/> Akunnig | <input type="checkbox"/> West Kitikmeot |

Does the proposed amendment change the land use planning area?

☐ Yes ☒ No

If yes, indicate the land use planning area in which the amended undertaking is located.

- | | |
|---------------------------------------|---|
| <input type="checkbox"/> North Baffin | <input type="checkbox"/> Keewatin |
| <input type="checkbox"/> South Baffin | <input type="checkbox"/> Sanikiluaq |
| <input type="checkbox"/> Akunnig | <input type="checkbox"/> West Kitikmeot |

Was a land use plan conformity determination required from NPC prior to the issuance of the existing water licence?

☒ Yes ☐ No

If Yes, indicate date issued and attach copy. *May 11, 2007. A copy is attached.*

Does the proposed amendment change the original NPC conformity determination or the need to obtain one?

☐ Yes ☒ No

If Yes, indicate date issued (or expected) and attach a copy. _____

If No, provide written confirmation from NPC confirming that a land use plan conformity review is not required.

8. NUNAVUT IMPACT REVIEW BOARD (NIRB) DETERMINATION

Was a screening determination required from NIRB prior to the issuance of the existing water licence?

☒ Yes ☐ No

If Yes, indicate date issued and attach copy. *NIRB File # 07EN044, Issued 3 June 2007. A copy is attached.*

Does the proposed amendment change the original NIRB screening determination or the need to obtain one?

☐ Yes ☒ No

If Yes, indicate date issued (or expected) and attach a copy. _____

If No, provide written confirmation from NIRB confirming that a screening determination is not required.

9. DESCRIPTION OF UNDERTAKING

Does the proposed amendment change the description of the undertaking?

☐ Yes ☒ No

List and attach plans and drawings or project proposal. Identify proposed changes.

Figure showing the location of the BIONEST systems in the camp is attached.

10. OPTIONS

Does the proposed amendment change any of the alternative methods and locations that were considered to carry out the project?

☐ Yes ☒ No

Provide a brief explanation of the alternative methods or locations that were considered to carry out the project. Identify proposed changes.

11. CLASSIFICATION OF PRIMARY UNDERTAKING

Indicate the primary classification of undertaking for the existing licence by checking one of the following boxes:

- | | |
|--|--|
| <input type="checkbox"/> Industrial | <input type="checkbox"/> Agricultural |
| <input checked="" type="checkbox"/> Mining and Milling (includes exploration/drilling/exploration camps) | |
| <input type="checkbox"/> Conservation | <input type="checkbox"/> Recreational |
| <input type="checkbox"/> Municipal (includes camps/lodges) | <input type="checkbox"/> Miscellaneous (describe below): |
| <input type="checkbox"/> Power | _____ |

Does the proposed amendment change the classification of primary undertaking?

☐ Yes ☒ No

If Yes, indicate the primary undertaking of the amendment: _____

Information in accordance with applicable Supplemental Information Guidelines (SIG) must be updated and submitted with an Application for Amendment. Indicate which SIG(s) are applicable to your application.

- ☐ Hydrostatic Testing
- ☐ Tannery
- ☐ Tourist / Remote Camp
- ☐ Landfarm & On-Site Storage of Hydrocarbon Contaminated Soil
- ☐ Onshore Oil and Gas Exploration Drilling
- ☐ Mineral Exploration / Remote Camp
- ☒ Advanced Exploration (*The completed form is attached.*)
- ☐ Mine Development
- ☐ Municipal
- ☐ General Water Works
- ☐ Power

12. WATER USE

Indicate, using the boxes below, the types of water use(s) approved in the existing licence.

- | | |
|--|---|
| <input checked="" type="checkbox"/> To obtain water for camp/ municipal purposes | <input type="checkbox"/> To divert a watercourse |
| <input checked="" type="checkbox"/> To obtain water for industrial purposes | <input type="checkbox"/> To modify the bed or bank of a watercourse |
| <input type="checkbox"/> To cross a watercourse | <input type="checkbox"/> Flood control |
| <input type="checkbox"/> To alter the flow of, or store water | |
| <input type="checkbox"/> Other: _____ | |

Does the proposed amendment change the type(s) of water use(s)?

☐ Yes ☒ No

If Yes, indicate using the boxes below, the proposed change(s) to the type(s) of water use(s) noting any water use(s) that are to be added, continued, or removed.

- | | |
|---|---|
| <input type="checkbox"/> To obtain water for camp/ municipal purposes | <input type="checkbox"/> To divert a watercourse |
| <input type="checkbox"/> To obtain water for industrial purposes | <input type="checkbox"/> To modify the bed or bank of a watercourse |
| <input type="checkbox"/> To cross a watercourse | <input type="checkbox"/> Flood control |
| <input type="checkbox"/> To alter the flow of, or store water | |
| <input type="checkbox"/> Other: _____ | |

13. QUANTITY OF WATER INVOLVED

Does the proposed amendment change the source of water? ☐ Yes ☒ No

Indicate the water source(s). Identify proposed changes:

Water for camp use comes from Meliadine Lake (MEL-1). Water for drilling and other exploration activities comes from Meliadine Lake, Lake A8, small lakes near Lake A8 and small ponds near drill sites and the decline (MEL-2). There will not be any changes to the sources of water.

(show location(s) on map) *Figure 2 shows Meliadine Lake, Lake A8 and nearby small ponds.*

Does the proposed amendment change the quality of the water source and/or its available capacity?

☐ Yes ☒ No

Describe the quality of the water source(s) and the available capacity(s). Identify any changes.: _____

Does the proposed amendment change the overall quantity of water to be used?

☒ Yes ☐ No

Provide the overall estimated quantity to be used. Identify proposed changes. *Water use will increase from 290 to 299 m³/day.*

Does the proposed amendment change the quantity of water to be used from each source?

☒ Yes ☐ No

Provide the estimated quantity(s) of water to be used from each source. Identify proposed changes:

There will be an additional 9 m³/day used from MEL 1 and/or MEL-2. It depends on where the water is to be used.

Does the proposed amendment change the quantity of water to be used for each purpose?

☒ Yes ☐ No

Provide the estimated quantities to be used for each purpose (camp, drilling, etc.). Identify proposed changes:

The additional 9 m³/day will be used in the camp and/or exploration activities.

Does the proposed amendment change the method(s) of extraction?

☐ Yes ☒ No

Describe the method(s) of extraction. Identify proposed changes. : _____

Does the proposed amendment change the quantity(s) of water returned to source(s)?

☒ Yes ☐ No

Estimated quantity(s) of water returned to source(s). Identify proposed changes. : *An additional 9 m³/day will be returned to Meliadine Lake, Lake A8 and/or small lakes nearby.*

Does the proposed amendment change the quality(s) of water returned to source(s)?

☒ Yes ☐ No

Describe the quality(s) of water(s) returned to source(s). Identify any changes. *The addition of two proposed BIONEST Kodiak systems will improve the quality of the treated camp water and increase Agnico Eagle's confidence that treated water released to the environment meets all the effluent requirements as set out in the Water Licence for MEL-7.*

14. WASTE

Check the appropriate box(s) to indicate the types of waste(s) approved in the existing licence.

- | | |
|---|--|
| <input checked="" type="checkbox"/> Sewage (BIODisk and BIONEST treatment) | <input checked="" type="checkbox"/> Waste oil (collected and sent south for recycle) |
| <input checked="" type="checkbox"/> Solid Waste (onsite landfill) | <input checked="" type="checkbox"/> Greywater (BIODisk and BIONEST treatment) |
| <input checked="" type="checkbox"/> Hazardous (sent south for disposal) | <input checked="" type="checkbox"/> Sludges (Sewage sludge – used in reclamation) |
| <input checked="" type="checkbox"/> Bulky Items/Scrap Metal (shipped south) | <input type="checkbox"/> Contaminated soil and/or water |
| <input type="checkbox"/> Animal Waste | |
| <input type="checkbox"/> Other (describe): _____ | |

Does the proposed amendment change the type(s) of waste(s) to be generated or deposited?

☐ Yes ☒ No

If Yes, indicate using the boxes below, the proposed change(s) to the type(s) of waste(s) to be generated and/or deposited noting the addition, removal or continued generation and/or disposal of waste(s).

- | | |
|--|---|
| <input type="checkbox"/> Sewage | <input type="checkbox"/> Waste oil |
| <input type="checkbox"/> Solid Waste | <input type="checkbox"/> Greywater |
| <input type="checkbox"/> Hazardous | <input type="checkbox"/> Sludges |
| <input type="checkbox"/> Bulky Items/Scrap Metal | <input type="checkbox"/> Contaminated soil and/or water |
| <input type="checkbox"/> Animal Waste | |
| <input type="checkbox"/> Other (describe): _____ | |

15. QUANTITY AND QUALITY OF WASTE INVOLVED

Does the proposed amendment change the quantity(s) of the types of wastes involved?

☒ Yes ☐ No

Does the proposed amendment change the composition(s) of the types of wastes involved?

☐ Yes ☒ No

Does the proposed amendment change the method(s) of treatment for the types of waste involved?

☒ Yes ☐ No

Does the proposed amendment change the method(s) of disposal for the types of waste involved?

☒ Yes ☐ No

If Yes to any of the above, describe the proposed changes: *An additional 9 m³/day of waste water could be generated, either at the camp site or through exploration activities.*

The two proposed BIONEST systems will operate in parallel with the two Biodisks systems and increase the quantity of wastewater that can be treated. Use of the BIONEST systems along with the installed BIOdisks will increase Agnico Eagle's confidence that the treated water released to the environment will meet effluent limits set out for MEL-7 in the Water Licence.

For each type of waste indicated in Block 14, describe its composition, quantity in cubic meters/day, method of treatment and method of disposal.

Type of Waste	Composition	Quantity Generated (tonnes/year)	Treatment Method	Disposal Method
Solid Waste	Scrape wood, scrape shingles, cardboard boxes, plastic materials, glass, hoses, etc.	15 to 30	No treatment	Landfill. Small quantities of scrape wood and cardboard could be incinerated
Bulky items / scrape metal	Drill steel, broken machinery, 205 litre barrels, old skidoos, etc.	50 to 100	All waste is cleaned of hydrocarbons and electronics removed before disposal. Scrap metal also sent south for recycling.	Landfill and recycling in the south
Incinerator Ash	Ash, tin cans, glass	22 to 45	Waste from offices, rooms and kitchen are all incinerated + anything in contact with food	Landfill or shipped to a southern certified waste management facility for treatment and disposal
Hydrocarbon Contaminated Soil	Soil having diesel, gasoline or other light hydrocarbons	Varies annually based on the number of spills	Aeration and biological treatment of contaminated soil	Landfarm
Sewage sludge	Sludge remaining following waste water treatment.	Estimated at 3 to 20 m ³ /year (varies with the annual quantity removed from the BIOdisk treatment plant)	Pumped from the treatment plant and passed through a filter press to retain the solids, or stored in 205 litre drums.	Used in reclamation of disturbed land at drill sites or in the landfarm, or transported to a southern facility for treatment and disposal.

16. OTHER AUTHORIZATIONS

Does the proposed amendment change the need for other authorizations in addition to the sub-surface and surface land use authorizations provided in Block 6?

☒ Yes ☐ No

If Yes, indicate any additional authorizations required, which authorizations are no longer required, and which authorizations continue to be required.

For each provide the following:

The advanced exploration project is located on Inuit Owned Land. The Kivalliq Inuit Association must approve the increase in water use and use of BIONEST systems on commercial lease KVCL102J168. No other approvals are required.

For each provide the following:

Authorization: Approval from the Kivalliq Inuit Association to use more water and install two BIONEST Kodiak systems on commercial lease KVCL102J168. KIA's approval is being sought for the changes to the commercial lease. KIA was copied on this amendment application and their approval is being sought.

Administering Agency: Kivalliq Inuit Association

Project Activity: Approval of increased water use and use of BIONEST systems.

Date (expected date) of issuance: 2002 Date of expiry: AEM's commercial lease is renewed every two years. Next expiry date is June 30, 2017

17. PREDICTED ENVIRONMENTAL IMPACTS OF UNDERTAKING AND PROPOSED MITIGATION MEASURES

Does the proposed amendment change the predicted environmental impacts of the undertaking or the mitigation measures?

☐ Yes ☒ No

Describe direct, indirect, and cumulative impacts related to water and waste. Identify any changes.

18. WATER RIGHTS OF EXISTING AND OTHER WATER USERS

Was compensation paid and/or an agreement(s) for compensation been entered into with any existing or other users of water during consideration of the existing licence?

☐ Yes ☒ No

If Yes, provide the names, addresses and the nature of water use by those persons or properties.

Does the proposed amendment adversely affect any known persons or property including those that hold licences for water use in precedence to the application, domestic users, in-stream users, authorized waste depositors, owners of property, occupiers of property, and/or holders of outfitting concessions, registered trapline holders, and holders of other rights of a similar nature?

☐ Yes ☒ No

If Yes, provide the names, addresses and the nature of water use of those persons or properties.

Advise the Board if compensation has been paid and/or an agreement(s) for compensation has been reached with any existing or other water users with respect to the proposed amendment.

19. INUIT WATER RIGHTS

Was compensation paid/ or an agreement(s) for compensation been entered into with any Designated Inuit Organization (DIO) during consideration of the existing licence?

☐ Yes ☒ No

If Yes, which DIO(s) _____

Does the proposed amendment substantially affect the quality, quantity or flow of waters flowing through Inuit Owned Land (IOL)?

☐ Yes ☒ No

If Yes, advise the Board if negotiations have commenced or an agreement to pay compensation for any loss or damage has been reached with one or more DIO(s) with respect to the proposed amendment.

20. CONSULTATION - Provide a summary of any consultation meetings including when the meetings were held, where and with whom. Include a list of concerns expressed and measures to address concerns.

Please see the attached record of public and regulatory consultation in 2012 – 2013.

21. SECURITY INFORMATION

Does the proposed amendment change the financial security assessment?

☐ Yes ☒ No

Does the proposed amendment change the estimate of the total financial security for final reclamation?

☐ Yes ☒ No

Provide an estimate of the total financial security for final reclamation equal to the total outstanding reclamation liability for land and water combined sufficient to cover the highest liability over the life of the undertaking. Estimates of reclamation costs must be based on the cost of having the necessary reclamation work done by a third party contractor if the operator defaults. The estimate must also include contingency factors appropriate to the particular work to be undertaken. Identify any changes in the financial security assessment resulting from the proposed amendment.

Where applicable, the financial security assessment should be prepared in a manner consistent with the principals respecting mine site reclamation and implementation found in the *Mine Site Reclamation Policy for Nunavut*, Indian and Northern Affairs Canada, 2002.

Reclamation security presently furnished under water licence 2BB-MEL1424 with the Minister of AANDC totals \$639,000. There is no change expected to the security because of this amendment.

22. FINANCIAL INFORMATION

Is the statement of financial security the same as that considered in the existing water licence?

☒ Yes ☐ No

Provide an updated statement of financial security.

AEM is a publically traded company listed on both the TSX and NYSE under the symbol AEM. Its head office is in Toronto, and the company has mines in Quebec, Nunavut, Finland and Mexico. Its latest annual financial report can be found at the following web address:

<http://www.agnico-eagle.com/English/Investor-Centre/Financial-Reporting/default.aspx>

If the applicant is a business entity please answer the questions below:

Is the list of the officers of the company the same as those considered in the existing water licence?

☒ Yes ☐ No

Provide a list of the officers of the company.

Officers for the company can be found at the following web address: <http://www.agnico-eagle.com/English/Our-Company/Officers-AEM/SrVPOfficers/default.aspx>

Is the Certificate of Incorporation or evidence of registration of the company name the same?

☒ Yes ☐ No

Attach a copy of the Certificate of Incorporation or evidence of registration of the company name.

AEM is a publically traded company listed on both the TSX and NYSE under the symbol AEM. Its head office is in Toronto, and has mines in Quebec, Nunavut, Finland and Mexico.

23. STUDIES UNDERTAKEN TO DATE

List and attach updated studies, reports, research etc.

An Environmental Impact Statement was prepared for the Project. The EIS contains many baselines reports, management plans and assessment reports. These documents can be found on the NIRB ftp site at the following address: <ftp://ftp.nirb.ca/02-REVIEWS/COMPLETED%20REVIEWS/11MN034-AEM%20MELIADINE/>

Agnico Eagle has applied for a type A water licence to construct, operate and close the Meliadine Gold Mine. Further information can be found at <ftp://ftp.nwb-oen.ca/1%20PRUC%20PUBLIC%20REGISTRY/2%20MINING%20MILLING/2A/2AM%20-%20Mining/2AM-MEL----%20Agnico/>

Provide a compliance assessment and status report including a response to any inspector's reports. The licensee must contact the NWB for licence specific direction in completing the assessment and report.

Wastewater treatment at the Meliadine camp has improved over the years. In 2010-2011, monitoring results of treated wastewater indicated that oil and grease, total suspended solids and faecal coliforms often exceeded the discharge criteria for MEL-7. In April 2012, Agnico Eagle installed a second BIOdisk system and an equalization tank. In addition, an air bubbler was installed to increase dissolved oxygen in the BIOdisk systems. Because of these installations and optimization of wastewater treatment process, effluent quality improved

excepting for faecal coliforms. In January 2013, Agnico Eagle installed a new ultraviolet (UV) treatment after the BIODisks with a recirculation loop to double the UV exposure of the water. From experience, we have learned that two BIODisks can only adequately treat wastewater for approximately 125 workers. With double this number of workers possible in camp in the near future, wastewater treatment capacity needs to double. To address this need for extra wastewater treatment capacity, Agnico Eagle is proposing to upgrade its wastewater treatment facilities by installing two-BIONEST Kodiak systems to handle the extra load.

If in non-compliance, a licence may not be issued until compliance is achieved. If in non-compliance, attach plans/reports for consideration. Application will not be processed if significant issues of non-compliance exist.

Agnico Eagle was found to be in compliance with the water licence in 2015 by the inspector.

24. PROPOSED TIME SCHEDULE

When are proposed amendments scheduled to be undertaken: *As soon as it is practical after receiving approval from the Nunavut Water Board.*

Does the proposed amendment change the time schedule considered in the existing licence for any phase of development?

☐ Yes ☒ No

Indicate the start and completion dates for each applicable phase of development (construction, operation, closure, and post closure). Identify proposed changes.

Construction: *A pad will need to be built at the Meliadine camp site, close to the Biodisk treatment plants to hold the BIONEST system.*

Operation: *The BIONEST system will be used for the life of the licence.*

Closure: *The BIONEST system is housed in a 40 foot shipping container (Seacan). Once they are no longer needed, they can be lifted onto a flat bed truck and removed to Itivia for use elsewhere by Agnico Eagle, for sale or shipment south.*

Post – Closure: *Not applicable.*

For each applicable phase of development indicate which season(s) activities occur.

Construction (pad to hold two BIONEST systems)

☐ Winter ☐ Spring ☒ Summer ☐ Fall ☐ All season

Operation

☐ Winter ☐ Spring ☐ Summer ☐ Fall ☒ All season

Closure

☐ Winter ☐ Spring ☒ Summer ☐ Fall ☐ All season

Post – Closure (not applicable)

☐ Winter ☐ Spring ☐ Summer ☐ Fall ☐ All season

25. CHECKLIST

The following must be included with the application for Amendment for the water licensing process to begin.

Completed Application for Water Licence Amendment form.

X Yes ☐ No If no, date expected _____

Information addressing Supplement Information Guideline (SIG), where applicable (see Block 11)

X Yes ☐ No If no, date expected _____

Compliance Assessment / Status Report (see Block 23).

X Yes ☐ No If no, date expected _____

Indication of Renewal Requirement (see Block 26)

X Yes ☐ No If no, date expected _____

English Summary of Amendment Application.

X Yes ☐ No If no, date expected _____

Inuktitut and/or Inuinnaqtun Summary of Amendment Application.

X Yes (*Located in Appendix C*) ☐ No If no, date expected _____

Application fee of \$30.00 CDN (Payee Receiver General for Canada).

☐ Yes X No If no, date expected *To follow by Canada Post*

Water Use Fee Deposit of \$30.00 CDN (Payee Receiver General for Canada).

☐ Yes X No If no, date expected. *The total quantity of water used will increase 9 m³/day from 290 m³/day to 299 m³/day. However, no water licence fees are payable for the right to the use of waters on, in or flowing through Inuit Owned Lands. The Meliadine Project is on Inuit Owned Lands and subsequently no water licence fee is required.*

26. SIGNATURE

Stéphane Robert

Manager Regulatory
Affairs



28 July 2015

Name (Print)

Title (Print)

Signature

Date

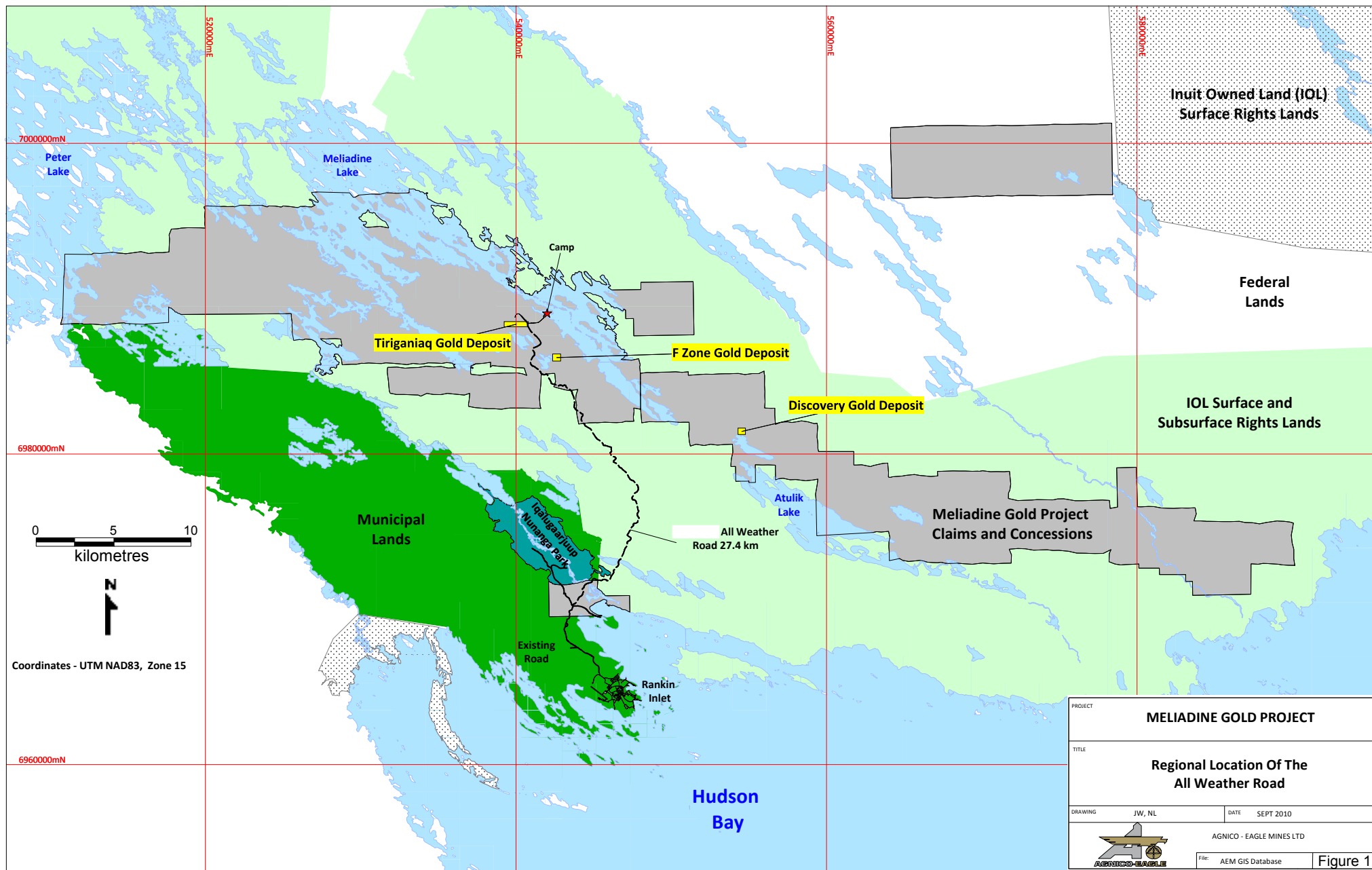


Figure 2. Location of BIONEST Systems

The site map illustrates the layout of the BIONEST facility, including various buildings and infrastructure. Key buildings labeled include the CORE LOGGING, CORE RECEIVING, OFFICE, REC ROOM, TOOL SHOP, MAIN ENTRANCE, DRY, GEO OFFICE, DINING, LAUNDRY, WASHROOMS, and BLENDER. A red box highlights the 'STP DUFFALL TK' (Sewage Treatment Plant upgrade) area, with a red arrow pointing to it from a text box that reads 'Sewage Treatment Plant upgrade (BIONEST - 2 modules)'. The map also shows a 'FRESH WATER INTAKE PIPE' and a 'WASTE DUMP' area. A red line indicates the 'RICH-Ref 0080' boundary. The map is overlaid with a grid of red and blue lines, and a large '57' is visible in the upper left corner.



FAX TRANSMISSION

DATE: May 14/07TO: NAME Leslie PayetteDEPARTMENT N.I.R.B.FAX NUMBER (867) 983-2574Number of pages to follow: 5.Original to follow: Yes NoComments: if you have any questions, please
let us know.

FROM: **Brian Aglukark**, Director, Regional Planning
Annie Ollie, Interpreter/Translator/Administrator
Bobby Suluk, Co-ordinator, Regional Planning
(Vacant), Regional Planner

☐☐☒☐☐

Nunavut Planning Commission

P.O. Box 419

Arviat, Nunavut

Office (867) 857-2242

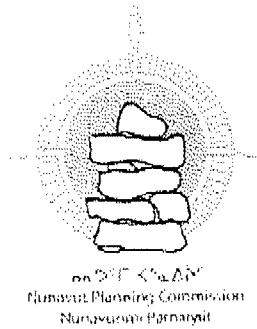
Fax (867) 857-2243

Please note:

The documents accompanying this transmission may contain confidential information. If you receive this transmission in error, kindly notify us immediately and return the original to the sender as soon as possible.

May 11, 2007

Leslie Payette
Nunavut Impact Review Board
Box 1360
Cambridge Bay, NU



Fax (867) 983-2574

Dear Ms. Payette,

Re: 07ENO## Comaplex Minerals Corp, KIA-KVCL102J168
NWB-070112-2BE-MEL-2007
Comaplex Minerals Corp - Meliadine West Gold Underground Exploration
and Bulk Sample

The NPC has completed its review of the above noted project proposal.
It conforms to the Keewalin Regional Land Use Plan.

Attached, for your files, is a copy of the list of conformity requirements to which
the applicant has undertaken to comply to.

Yours truly,

Bobby Suluk
Regional Planning Co-ordinator, NPC

Attachment

cc. Phyllis Beaulieu, NWB
Mark Balog, Comaplex Minerals Corp
Sandy Barham, Comaplex Minerals Corp
John Hodgson, Kivalliq Inuit Association

Application # Underground Exploration and Bulk Sample - Meliadine West Project

NUNAVUT PLANNING COMMISSION
APPLICATION TO DETERMINE CONFORMITY
WITH THE KEEWATIN REGIONAL LAND USE PLAN

All applicants for a project proposal shall comply with the requirements listed below. The relevant sections of the plan are noted in each requirement.

GENERAL

2. **Environmental Protection:** s2.4.9: The applicant undertakes to prevent any new occurrences of pollution, garbage and contamination at the site of the development.

Yes

No

3. **Removal of Fuel Drums:** s2.4.9: The applicant undertakes to remove all drums safely from the site and dispose of the drums in a safe manner.

Yes

No

- almost all fuel is in bulk fuel tanks

4. **New Site Restoration and Clean Up:** s2.4.15 and Appendix 2, s1: The applicant undertakes to clean up the site and restore the site to its natural condition to the greatest extent possible.

Yes

No

5. **Old Site Restoration and Clean Up:** s2.4.10: The applicant undertakes to clean up the site and restore the site to its original condition to the greatest extent possible, including any work required due to the applicant's action prior to this application.

Yes

No

6. **Low Level Air Flights:** s5.4.4 and Appendix 2, s3: Will the applicant avoid low-level flights?

Yes

No

- i. If not, explain why such flights are or may be absolutely necessary.

FLIGHTS BETWEEN RANKIN INLET AND CAMP
WILL BE FLOWN AT HIGH ALTITUDE AVOIDING
KNOWN CABINS, COMMUNITIES AND WILDLIFE.
AREAS TO MAXIMUM EXTENT POSSIBLE.

Application # Underground Exploration and Bulk Sample – Meliadine West Project

- ii. If such flights are or may be absolutely necessary, will they avoid disturbance to people and wildlife?

Yes

No

- iii. If not, explain why it is not possible to avoid such disturbance.

ARCHEOLOGY

9. **Reporting of Archaeological Sites:** s4.4.3 and Appendix 3, s2 and s8: Will the applicant immediately report the discovery of all suspected archaeological sites to the Department of Culture, Language, Elders and Youth (GN)?

Yes

No

MINING

10. **Mining Development:** s3.4.4: Is the proposal for mining development?

Yes

No

As discussed on the morning of May 14/07, Com-aptex views this as ^{an} advanced exploration bulk sampling program.

Application # Underground Exploration and Bulk Sample - Meliadine West Project

If yes, include with the application a mine closure and restoration plan.

CONTACT: KIA - Attn: Luis Manzo, Rankin Inlet

23. Code of Good Conduct for Land Users: Appendix 2: The applicant undertakes to adhere to the Code of Good Conduct at all times.

Yes

No

I, B. Barham for Comaplex Minerals Corp. (name of applicant), certify that the information I have given in this application is true and correct and hereby make the above undertakings which form part of my application for a project proposal within the meaning of the Nunavut Land Claims Agreement.

Date: May 14/07 Signature of Applicant: B. Bar

for Comaplex Minerals Corp

**Keewatin Regional Land Use Plan
Appendix G
Code of Good Conduct for Land Users**

1. The landscape of each camp and other land use sites will be restored to its original condition to the greatest degree possible. Water quality will be preserved, and no substances that will impair water quality will be dumped in water bodies. When possible and feasible, old sites will be restored to the natural state.
2. All land users shall assist communities and government(s) in identifying and protecting archaeological sites and carving-stone sites, as required by law.
3. Generally, low-level flights by aircraft at less than 300 metres should not occur where they will disturb wildlife or people. If such flights are necessary, they should only take place after consultation with the appropriate communities. All land users are responsible for reporting to the land managers any illegal or questionable low-level flight.
4. All activities on the land will be conducted in such a fashion that the renewable resources of the area in question are conserved.
5. Whenever practicable, and consistent with sound procurement management, land users will follow the practice of local purchase of supplies and services.
6. Land users will establish working relationships with local communities and respect traditional users of the land.
7. During the caribou calving, post-calving and migrating seasons, land use activities should be restricted to avoid disturbing caribou, in general, and activities will be governed more specifically by caribou protection measures such as those contained in Appendix H.
8. Artifacts must be left where they are found. All land users are responsible for reporting to the location of, or any removal or disturbance of, artifacts to CLEY.
9. The mining industry is encouraged to assist in identifying local carving-stone deposits and report any discoveries to KIA. Industry is also encouraged to identify and report old waste sites that need to be cleaned up.
10. All land users shall obey the laws of general application applying to land use.



SCREENING DECISION REPORT NIRB FILE NO.: 07EN044

NIRB File No.: 07EN044
KIA File No.: KVCL102J168

July 3, 2007

Tongola Sandy
President – Kivalliq Inuit Association
Rankin Inlet, Nunavut

Via email: tsandy@kivalliqinuit.ca

**Re: Screening Decision for Comaplex Minerals Corporation – Meliadine West Gold
Underground Exploration and Bulk Sample**

Dear President Sandy:

The primary objectives of the Nunavut Land Claims Agreement are set out in section 12.2.5 of the Land Claims Agreement. This section reads:

In carrying out its functions, the primary objectives of NIRB shall be at all times to protect and promote the existing and future well-being of the residents and communities of the Nunavut Settlement Area, and to protect the ecosystemic integrity of the Nunavut Settlement Area. NIRB shall take into account the well-being of the residents of Canada outside the Nunavut Settlement Area.

Section 12.4.4 of the Nunavut Land Claim Agreement states:

Upon receipt of a project proposal, NIRB shall screen the proposal and indicate to the Minister in writing that:

- a) the proposal may be processed without a review under Part 5 or 6; NIRB may recommend specific terms and conditions to be attached to any approval, reflecting the primary objectives set out in Section 12.2.5;
- b) the proposal requires review under Part 5 or 6; NIRB shall identify particular issues or concerns which should be considered in such a review;
- c) the proposal is insufficiently developed to permit proper screening, and should be returned to the proponent for clarification; or
- d) the potential adverse impacts of the proposal are so unacceptable that it should be modified or abandoned.

NIRB Assessment and Decision

After a thorough assessment of all material provided to the Board (please see Procedural History and Project Activities in Appendix B), in accordance with the principles identified within section 12.4.2 of the NLCA, the decision of the Board as per section 12.4.4 of the NLCA is:

12.4.4 (a): the proposal may be processed without a review under Part 5 or 6; NIRB may recommend specific terms and conditions to be attached to any approval, reflecting the primary objectives set out in Section 12.2.5

Recommended Project-Specific Terms and Conditions, pursuant to 12.4.4(a) of the NLCA

The Board is recommending the following or similar project-specific terms and conditions be imposed upon the Proponent through all relevant legislation:

1. Comaplex Minerals Corporation (the Proponent) shall otherwise operate in accordance with all commitments stated in all documentation provided to NIRB, namely:
 - a. Correspondence dated June 15, 2007 from Mark Balog to Carolanne Inglis-McQuay regarding the Response to Reviewer Comments – Meliadine West Underground Exploration and Bulk Sampling Program NIRB # 07EN044
 - i. Attachment A: J.S. Redpath letter to NIRB re: Mine Rescue Plan
 - ii. Attachment B: Comaplex Waste Management Plan
 - iii. Attachment D: Nuna / M&T Environmental Procedures Manual
 - b. Application to Conduct Underground Mineral Exploration and Assemble a Bulk Sample, dated May 2007
 - c. Field Operations – Advanced Exploration: Drilling Environmental Management System Meliadine West Gold Project, dated May 2007
 - d. Fuel Management and Spill Contingency Plan Comaplex Minerals Corp. Meliadine West Project, dated January 2007
 - e. Application to Access Inuit Owned Lands and Water Use
2. The Proponent shall maintain a copy of this Screening Decision at the site of operation at all times.
3. The Proponent shall forward copies to NIRB of all authorizations obtained and required for this project prior to the commencement of the project.
4. The Proponent shall operate the project in accordance with all applicable Acts, Regulations and Guidelines.
5. The Proponent shall submit an annual report with copies provided to the NIRB, INAC, the KIA, and the Government of Nunavut – Department of Environment (GN-DOE), by January 31 each year that the project is in operation, commencing January 31, 2008. The report must contain, but not be limited to, the following information:
 - a. A summary of activities undertaken for the year, including any progressive reclamation work undertaken, and a work plan for the following year –site photos should be provided where relevant;
 - b. A summary of how the Proponent has complied with NIRB conditions contained within this Screening Decision.
 - c. Results from the Mitigation and Monitoring Program:

- i. An analysis of the impact of the project upon the bio-physical and socio-economic environments, including the cumulative impacts from other activities within the project area;
 - ii. An analysis of the effectiveness of mitigation measures;
 - iii. The identification of any unanticipated environmental impacts (if any) and any follow-up required (if relevant);
 - iv. Compliance with applicable regulations and all authorizations associated with the project activities, including any exceedences of CCME-FWAL criteria (as reported to Environment Canada, the Nunavut Water Board, and the Department of Fisheries and Oceans Canada)
 - v. Any necessary adaptive mitigation strategies employed (if relevant);
 - vi. Any modifications made to the Mitigation and Monitoring Program;
 - vii. Description of the progress made on the development of component-specific thresholds used to determine the necessity for adaptive mitigation and management strategies.
 - d. A summary of community consultations undertaken and the results; and
 - e. A summary of site-visits by inspectors with results and follow-up actions.
6. Mitigation and Monitoring Program
- a. Prior to commencement of the Underground Exploration and Bulk Sample project proposal activities, the Proponent shall develop a comprehensive Mitigation and Monitoring Program for the project proposal. As indicated in the Application to Conduct Underground Mineral Exploration and Assemble a Bulk Sample, dated May 2007, this is anticipated to be on **July 16, 2007**. This Mitigation and Monitoring Program must be developed for all stages of the project activities, including construction, operation, closure, and post-closure. The Mitigation and Monitoring Program should be developed in accordance with the following objectives:
 - i. To detect unanticipated environmental impacts (if any)
 - ii. To assess the effectiveness of proposed mitigation and the need to modify the measures or implement contingency plans
 - b. The Mitigation and Monitoring Program must monitor in accordance with the Monitoring Plan described on pgs 44 and 45 of the Application to Conduct Underground Mineral Exploration and Assemble a Bulk Sample, dated May 2007 but must be updated to include monitoring for those components identified as being potentially impacted (pg 38):
 - i. Air quality
 - ii. Noise
 - iii. Vegetation
 - iv. Wildlife and critical wildlife habitat
 - v. Water quality including acid rock drainage, metal leaching and ammonia run-off
 - c. The Mitigation and Monitoring Program may contain elements of the Environmental Management System, but must be operated as a stand-alone program.
 - d. The Mitigation and Monitoring Program must identify component-specific thresholds that will be used to determine the necessity for adaptive mitigation and management strategies.
7. The Proponent shall ensure that all hazardous material is managed, removed from site and disposed in accordance with the *Environmental Protection Act (EPA)*, the Nunavut Territorial Regulations and Guidelines, and the Nunavut Hazardous Waste Disposal Manual.

8. The Proponent shall ensure that the disposal of combustible camp wastes comply with the *Canadian Wide Standards for Dioxins and Furans*, and the *Canadian Wide Standards for Mercury*. Efforts made to achieve compliance shall be reported to the NIRB as part of the annual report.
9. Between May 15 and July 15 of each year, the Proponent shall suspend operations (such as blasting, flights by aircraft at any altitude below 610m, and the use of mechanized vehicles) if wildlife monitoring indicates that caribou cows and/or calves are within 1km of project operations.
10. During the migration of caribou, the Proponent shall not conduct any operation so as to block or cause substantial diversion to migration.
11. During the migration of caribou, the Proponent must cease all activities within 1km of migrating caribou.
12. The Proponent is prohibited to conduct aircraft flights below 610m except for takeoffs and landings and is prohibited to allow aircraft take-offs if wildlife monitoring indicates presence of caribou within 1km of the ice airstrip or helipad.

The Proponent shall adhere to conditions stated in attached Appendix A *Archaeological and Palaeontological Resources – Terms and Conditions for Land Use Permit Holders*.

Other NIRB Concerns and Recommendations

In addition to the project-specific terms and conditions, the Board is recommending the following:

1. The Kivalliq Inuit Association (KIA) impose mitigation measures and/or conditions upon the Proponent pursuant to the Commercial Lease (KVCL102J168) which reduce the likelihood of adverse impacts to:
 - a. Water quality – from drilling activities, explosives use, waste rock and portal rock storage and usage, construction activities, waste disposal, fuel storage and fuel transfer
 - b. Vegetation – from water deposition activities and abandonment and restoration activities
 - c. Air quality – from incineration activities
 - d. Wildlife and wildlife habitat – from overland hauling activities, general use of the project area, aircraft activities
 - e. Navigable waters
 - f. Human health and safety – from underground bulk sampling activities
2. The KIA should consider the importance of conducting regular Land Use Inspections, pursuant to the authority of the Commercial Lease (KVCL102J168), while the project is in operation. The Land Use Inspections should be focused on ensuring the Proponent is in compliance with the conditions imposed through the Commercial Lease.
3. The Nunavut Water Board (NWB) must review all geochemical analysis data pertaining to the waste rock and ore body samples prior to the issuance of the amendment to the water license (2BE-MEL0709). The review must consider appropriate conditions, mitigation measures and monitoring protocols to reduce the potential for adverse effects to water quality from Acid Rock Drainage (ARD) and/or Metal Leaching (ML).

4. During the amendment to the water license (2BE-MEL0709), the NWB must ensure an appropriate quality assurance / quality control (QA/QC) program is developed by the Proponent to test for water quality in the run off from waste rock, ore piles, disposal sites and the camp-site. NIRB is recommending the use of berms to collect runoff in the immediate locations around the ore stockpile and waste rock areas. If the collected runoff is deposited onto the tundra through spray irrigation techniques, the Proponent should conduct water quality monitoring downstream of the irrigation locations using the Canadian Council of Ministers for the Environment Guidelines for the Protection of Freshwater Aquatic Life (CCME-FWAL).

Regulatory Requirements

The Proponent is also advised that the following legislation may apply to the project:

1. The *Migratory Birds Convention Act* and *Migratory Birds Regulations* which state that no person disturb or destroy the nests or eggs of migratory birds, and that no person shall deposit or permit to be deposited oil, oil wastes or any other substance harmful to migratory birds in any waters or any area frequented by migratory birds (<http://laws.justice.gc.ca/en/showtdm/cs/M-7.01>)
2. Section 36(3) of the *Fisheries Act* (<http://laws.justice.gc.ca/en/showtdm/cs/F-14///en>) which states that no person shall deposit or permit the deposit of a deleterious substance in any type in water frequented by fish or in any place under any conditions where the deleterious substance may enter such a water body.
3. The *Canadian Environmental Protection Act* (<http://laws.justice.gc.ca/en/C-15.31/index.html>)
4. The *Species at Risk Act* (<http://laws.justice.gc.ca/en/showtdm/cs/S-15.3>).
5. The *Nunavut Act* (<http://laws.justice.gc.ca/en/showtdm/cs/N-28.6>) which requires that no person alter or disturb any archaeological or palaeontological sites in Nunavut unless permission is first granted through the permitting process.
6. The *Transportation of Dangerous Goods Regulations*, *Transportation of Dangerous Goods Act* (<http://www.tc.gc.ca/tdg/menu.htm>), and the *Environmental Protection Act* (<http://laws.justice.gc.ca/en/C-15.31/text.html>) which present the requirements for the handling, storing, managing and transportation of dangerous goods, including hazardous wastes, fuel and contaminated material.

Validity of Land Claims Agreement

Section 2.12.2

Where there is any inconsistency or conflict between any federal, territorial and local government laws, and the Agreement, the Agreement shall prevail to the extent of the inconsistency or conflict.

Dated July 3, 2007 at Sanikiluaq, NU.



Lucassie Arragutainaq, A/Chair

Appendix A
Archaeological and Palaeontological Resources Terms and Conditions for Land Use Permit Holders



BACKGROUND: Archaeology

As stated in Article 33 of the Nunavut Land Claims Agreement:

The archaeological record of the Inuit of Nunavut is a record of Inuit use and occupancy of lands and resources through time. The evidence associated with their use and occupancy represents a cultural, historical and ethnographic heritage of Inuit society and, as such, Government recognizes that Inuit have a special relationship with such evidence, which shall be expressed in terms of special rights and responsibilities. [33.2.1]

The archaeological record of Nunavut is of spiritual, cultural, religious and educational importance to Inuit. Accordingly, the identification, protection and conservation of archaeological sites and specimens and the interpretation of the archaeological record is of primary importance to Inuit and their involvement is both desirable and necessary. [33.2.2]

In recognition of the cultural, spiritual and religious importance of certain areas in Nunavut to Inuit, Inuit have special rights and interests in these areas as defined by Article 33 of the Nunavut Land Claims Agreement. [33.2.5]

BACKGROUND: Palaeontology

Under the Nunavut Act¹, the federal Government can make regulations for the protection, care and preservation of palaeontological sites and specimens in Nunavut. Under the *Nunavut Archaeological and Palaeontological Sites Regulations*², it is illegal to alter or disturb any palaeontological site in Nunavut unless permission is first granted through the permitting process.

Definitions

As defined in the *Nunavut Archaeological and Palaeontological Sites Regulations*, the following definitions apply:

¹ s. 51(1)

² P.C. 2001-1111 14 June, 2001

“archaeological site” means a place where an archaeological artifact is found.

“archaeological artifact” means any tangible evidence of human activity that is more than 50 years old and in respect of which an unbroken chain of possession or regular pattern of usage cannot be demonstrated, and includes a Denesuline archaeological specimen referred to in section 40.4.9 of the Nunavut Land Claims Agreement.

“palaeontological site” means a site where a fossil is found.

“fossil” includes:

- (a) natural casts
- (b) preserved tracks, coprolites and plant remains; and
- (c) the preserved shells and exoskeletons of invertebrates and the eggs, teeth and bones of vertebrates.

Terms and Conditions

- 1) The permittee shall not operate any vehicle over a known or suspected archaeological or palaeontological site.
- 2) The permittee shall not remove, disturb, or displace any archaeological artifact or site, or any fossil or palaeontological site.
- 3) The permittee shall immediately contact the Department of Culture, Language, Elders and Youth (867) 934-2046 or (867) 975-5500 or 1 (866) 934-2035 should an archaeological site or specimen, or a palaeontological site or fossil be encountered or disturbed by any land use activity.
- 4) The permittee shall immediately cease any activity that disturbs an archaeological or palaeontological site encountered during the course of a land use operation, until permitted to proceed with the authorization of the Department of Culture, Language, Elders and Youth, Government of Nunavut.
- 5) The permittee shall follow the direction of the Department of Culture, Language, Elders and Youth and DIAND in restoring disturbed archaeological or palaeontological sites to an acceptable condition.
- 6) The permittee shall provide all information requested by the Department of Culture, Language, Elders and Youth concerning all archaeological sites or artifacts and all palaeontological sites and fossils encountered in the course of any land use activity.
- 7) The permittee shall make best efforts to ensure that all persons working under authority of the permit are aware of these conditions concerning archaeological sites and artifacts, and palaeontological sites and fossils.
- 8) The permittee shall avoid the known archaeological and/or palaeontological sites listed in Attachment 1.
- 9) The permittee shall have an archaeologist or palaeontologist perform the following functions, as required by the Department of Culture, Language, Elders and Youth:

- a. survey
- b. inventory and documentation of the archaeological or palaeontological resources of the land use area
- c. assessment of potential for damage to archaeological or palaeontological sites
- d. mitigation
- e. marking boundaries of archaeological or palaeontological sites
- f. site restoration

The Department of Culture, Language, Elders and Youth shall authorize by way of a Nunavut Archaeologist Permit or a Nunavut Palaeontologist Permit, all procedures subsumed under the above operations.

Appendix B

Procedural History and Project Activities

Procedural History

On May 3, 2007 the Nunavut Impact Review Board (NIRB or Board) received the Meliadine West Gold Underground Exploration and Bulk Sample (Bulk Sample) project proposal from Comaplex Minerals Corporation (Comaplex). On May 10, 2007 an application for this project proposal was forwarded to NIRB by the Kivalliq Inuit Association, and on May 14, 2007 NIRB was notified by the Nunavut Planning Commission that the project proposal had received a positive conformity determination (Keewatin Regional Land Use Plan). NIRB has assigned this project proposal file number, 07EN044.

NIRB requested that interested Parties review the application and provide NIRB with comments by **June 6, 2007** regarding:

- Whether the project proposal is likely to arouse significant public concern; and if so, why;
- Whether the project proposal is likely to cause significant adverse eco-systemic and socio-economic effects; and if so, why;
- Whether the project is of a type where the potential adverse effects are highly predictable and mitigable with known technology, (please provide any recommended mitigation measures); and
- Any matter of importance to the Party related to the project proposal.

On or before June 6, 2007 NIRB received comments from the following interested Parties (see Comments and Concerns):

1. Health Canada
2. Environment Canada
3. Transport Canada
4. Natural Resources Canada
5. The Government of Nunavut Department of Environment
6. The Government of Nunavut Airports
7. The Kivalliq Inuit Association

All comments provided to NIRB regarding this project proposal can be viewed on NIRB's ftp-site, at the following location: ftp://ftp.nunavut.ca/nirb/NIRB_SCREENINGS/COMPLETED_SCREENINGS/

On June 7, 2007 NIRB provided an opportunity for the Proponent to respond to the Parties' concerns. The Proponent provided a response to each Party's concerns on June 15, 2007. The Proponent responded to the Parties' comments and concerns by providing the following documentation:

1. Correspondence dated June 15, 2007 from Mark Balog to Carolanne Inglis-McQuay regarding the Response to Reviewer Comments – Meliadine West Underground Exploration and Bulk Sampling Program NIRB # 07EN044
2. Attachment A: J.S. Redpath letter to NIRB re: Mine Rescue Plan
3. Attachment B: Comaplex Waste Management Plan
4. Attachment C: Meliadine West camp incinerator specs
5. Attachment D: Nuna / M&T Environmental Procedures Manual
6. Attachment E: site air photo with hydrology

Project Activities

The following is a summary of the *main* project activities³:

- Overburden removal
- Use of existing 2.7km all-weather road
- Increase in personnel use (18-25 people) of existing camp, and construction of minor upgrades to camp (covered under existing permits)
- Transportation to project site of 150-250 tonnes of equipment for underground operations
- Fuel transportation from Rankin Inlet via overland haul route
- Fuel storage of approximately 1 million litres of fuel (diesel, fuel oil, aviation, gasoline, propane)
- Explosives transportation
- Total explosives use of approximately 115,000 kg; on-site storage facilities (magazines) for approximately 36,000kg
- Chemical transportation and storage of approximately 68,000kg of calcium chloride
- Portal and underground ramp construction
- On-site sample processing of approximately 12,860kg of mineralized rock
- Off-site sample processing of a 10 tonne sample of mineralized rock
- Use of some waste rock as construction material for pads and road beds and excess waste rock to be stored on waste rock pad
- Ore storage on ore pad adjacent to ramp portal
- Stockpiles of topsoil, and frozen and unfrozen till
- Abandonment and site restoration

The project is located in the Kivalliq Region, and the nearest communities are Chesterfield Inlet and Rankin Inlet.

³ As described in *May 2007 Project Proposal – Application to Conduct Underground Mineral Exploration and Assemble a Bulk Sample* and *NIRB Part 1 Summary Application Form in English*
