



P.O. Box 119  
 GJOA HAVEN, NU X0B 1J0  
 TEL: (867) 360-6338  
 FAX: (867) 360-6369

ᓄᓇᓂᓪᓐ ᐃᓕᓕᓂᓪᓐ ᑲᓂᓕᓪᓐ  
 NUNAVUT IMALIRIYIN KATIMAYINGI  
 NUNAVUT WATER BOARD  
 OFFICE DES EAUX DU NUNAVUT

## WATER LICENCE APPLICATION FORM

Application for: (check one)

☐ New      ☒ **Renewal**      ☐ Amendment      ☐ Assignment      ☐ Cancellation

<b>LICENCE NO:</b> (to NWB use only)	
<b>1. NAME AND MAILING ADDRESS OF APPLICANT/LICENSEE</b>  Attn. Mark Balog, Comaplex Minerals Corp 901, 1015 4th St SW, Calgary, AB T2R 1J4  Phone: (403) 265-2846 Fax: (403) 232-1421 e-mail: <a href="mailto:mbalog@comaplex.com">mbalog@comaplex.com</a>	<b>2. ADDRESS OF CORPORATE OFFICE IN CANADA (if applicable)</b>  <div style="border: 1px solid black; padding: 5px; text-align: center; margin: 10px auto; width: 150px;">             Nunavut Water Board              MAR 31 2007              Public Registry           </div> Phone: _____ Fax: _____ e-mail: _____
<b>3. LOCATION OF UNDERTAKING</b> (describe and attach a topographical map, indicating the main components of the Undertaking) <b>Meliadine Lake area near Rankin Inlet, Nunavut (see attached Figure 1), Camp located at coordinates below (see attached detail Map 2 of camp infrastructure)</b> <b>Claims for project located on NTS sheets listed below, camp on sheet 55N/01</b>  <b>GENERAL STATEMENT</b> This is an application for <b>RENEWAL</b> of current water license 2BB-MEL0709 for the Meliadine West Gold Project. Comaplex has completed the bulk sample program and the results have been published. Comaplex is in the process of evaluating the results with the longer term goal of completing a feasibility study. We anticipate continuing to upgrade the quality of our resource through continued diamond drilling. No further underground work is anticipated in the immediate future. Comaplex will continue with geochemical and environmental studies directed towards the characterization of the ARD and metal leaching properties of ore and waste materials and the description of the natural environment. Monitoring activities (regular water sampling) and the reporting of monitoring results will continue throughout this interim period. Significant upgrades to our waste treatment capabilities will be initiated during the summer of 2009.  Latitude: (63°1'30" N)      Longitude: (92°10'20" W) NTS Map Sheet No. <u>55K/16, 55N/01, 55N/02, 55O/04, 55J/13</u> Scale: <u>1:50,000</u>	
<b>4. DESCRIPTION OF UNDERTAKING</b> (attach plans and drawings)  See Attachments	
<b>5. TYPE OF PRIMARY UNDERTAKING</b> (A supplementary questionnaire <u>must</u> be submitted with the application for undertakings listed in " <b>bold</b> ")	

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

See attachments for details.

See Schedule II of *Northwest Territories Waters Regulations* for Description of Undertakings

**6. WATER USE**

- ☒ To obtain water
 ☐ Flood control  
☐ To cross a watercourse
 ☐ To divert a watercourse  
☐ To modify the bed or bank of a watercourse
 ☐ To alter the flow of, or store, water  
☐ Other (describe): see existing 2BB-MEL0709

**7. QUANTITY OF WATER INVOLVED** (cubic metres per day including both quantity to be used and quantity to be returned to source)

**Water use** ☒ 100m<sup>3</sup>/day or less  
☐ Greater than 100m<sup>3</sup>/day; if greater, indicate quantities to be used for each purpose (camp, drilling, etc.)

**Water returned to source**  
50 m<sup>3</sup>/day

**8. WASTE** (for each type of waste describe: composition, quantity (cubic metres per day), methods of treatment and disposal, etc.)

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> Sewage                  | <input checked="" type="checkbox"/> Waste oil                          |
| <input checked="" type="checkbox"/> Solid Waste             | <input checked="" type="checkbox"/> Greywater                          |
| <input checked="" type="checkbox"/> Hazardous               | <input type="checkbox"/> Sludges                                       |
| <input checked="" type="checkbox"/> Bulky Items/Scrap Metal | <input checked="" type="checkbox"/> Other describe): Within Berm water |

SEWAGE, GREYWATER : Less than 10 m<sup>3</sup> per day: Comaplex has in camp a new wash car with flush toilets and a BIODISK water treatment system. This system will be installed during the summer of 2009 and will handle all blackwater and most greywater at the camp. The existing practise of incineration of blackwater waste and wetland treatment of greywater will continue with monthly monitoring until the new system is operational.

HAZARDOUS, WASTE OIL : Hazardous - < 1 m<sup>3</sup>/day (oil filters, oil stained rags, batteries, aerosol cans), See COMAPLEX MINERALS CORP. - WASTE MANAGEMENT.PLAN - JUNE 2007, see Annual Report 2008 (March 2009) for detail on waste handling.

BULKY ITEMS / SCRAP METAL: Bulky Items/Scrap Metal - scrap building materials, bent drill rod - disposal in Rankin Inlet Municipal Landfill (See attached letter authorization from Hamlet of Rankin Inlet)

SLUDGES - 1 m<sup>3</sup>/day - retained at drill site or transport to drill site from core facility, disposal to depressions around drill collars at drill sites, disposal to local natural depressions. We are in ongoing discussions with the KIA reagrding best practices procedures.

DRILL WATER - (75 m<sup>3</sup>/day, 3 drills) ponded at drill sites, then allowed to drain to nearest depression. Kept away from water bodies.

**9. OTHER PERSONS OR PROPERTIES AFFECTED BY THIS UNDERTAKING** (give name, mailing address and location; attach if necessary) - SEE LIST OF PERMITS ATTACHED  
ALL PERMITS IN GOOD STANDING

**Land Use Permit**  
 DIAND

☒ Yes ☐ No If no, date expected \_\_\_\_

Regional Inuit Association	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If no, date expected _____
Commissioner	<input type="checkbox"/> Yes	<input type="checkbox"/> No	If no, date expected _____

  

**10. PREDICTED ENVIRONMENTAL IMPACTS OF UNDERTAKING AND PROPOSED MITIGATION MEASURES** (direct, indirect, cumulative impacts, etc.)

Predicted environmental impacts are detailed in the following documents (see attached CD):  
 Waste Rock and Ore Storage Management Plan (August 31, 2007, - update due April 15, 1009)  
 2008 Annual Water Report to the Nunavut Water Board (submitted March 2009)  
 Abandonment and Restoration Plan (April 2008)  
 Water Management Plan (June 2008)  
 Spill Contingency Plan (June 2008)  
 Waste Management Plan (June 2007)  
 Concerns revolve around 3 issues:  
 - Fuel Storage and Management  
 - ARD and metal leaching  
 - Waste water treatment

Significant upgrades to our Fuel Storage and Management are the subject of much of the correspondence between Comaplex and the NWB over 2008. In an amendment granted in December of 2008 to existing license 2BB-MEL0709, Comaplex was granted authority to construct a fuel retention berm for the purpose of deploying fuel bladders. Comaplex expects to construct this facility during the summer of 2009 (see 2008 Annual Report). ARD and metal leaching issues are addressed in the Waste Rock and Ore Storage Management Plan. We are expecting a major contribution to the understanding of the ARD and metal leaching issues with a report due mid March 2009 from Golder Associates Ltd. These results will be incorporated into an updated Waste Rock and Ore Storage Management Plan due April 15, 2009. Comaplex has purchased and is commissioning (summer 2009) a new waste water treatment plant designed to meet the effluent criteria listed in 2BB-MEL0709.

  

NIRB Screening ☐ Yes ☒ No If no, date expected \_\_\_\_\_

  

**11. INUIT WATER RIGHTS**

Will the project or activity substantially affect the quality, quantity, or flow of water flowing through Inuit Owned Lands and the rights of Inuit under Article 20 of the Nunavut Land Claims Agreement?

NO

If yes, has the applicant entered into an agreement with the Designated Inuit organization to pay compensation for any loss or damage that may be caused by the alteration. If no compensation agreement has been made, how will compensation be determined?

  

**12. CONTRACTORS AND SUB-CONTRACTORS** (name, address and functions)

SEE ATTACHED LIST

  

**13. STUDIES UNDERTAKEN TO DATE** (list and attach copies of studies, reports, research, etc.)

SEE ATTACHED LIST

  

**14. THE FOLLOWING DOCUMENTS MUST BE INCLUDED WITH THE APPLICATION FOR THE REGULATORY PROCESS TO BEGIN**

Supplementary Questionnaire (where applicable: see section 5) ☒ Yes ☐ No If no, date expected \_\_\_\_\_

Inuktitut and/or Inuinnaqtun/English Summary of Project	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If no, date expected _____
Application fee of \$30.00 (Payee Receiver General for Canada)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If no, date expected _____
Water Use fee of \$30.00 (unless otherwise indicated in Section 9 of the <i>NWT Waters Regulations</i> ; Payee Receiver General for Canada)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If no, date expected _____

15. **PROPOSED TIME SCHEDULE** (unless otherwise indicated, the NWB will consider the application for a five (5) year term)

☐ one year or less (or) ☒ Multi Year

Start Date: August 1, 2008 Completion Date: July 31, 2013

Mark Balog Vice President  
Exploration

<u>B. Balog for</u>	<u>Senior Geologist</u>	<u>B. Balog</u>	<u>March 23/08</u>
Name (Print)	Title (Print)	Signature	Date
M. Balog.			

For Nunavut Water Board office use only			
APPLICATION FEE	Amount: \$ <u>30</u>	Pay ID No.: _____	
WATER USE DEPOSIT	Amount: \$ <u>60</u>	Pay ID No.: _____	<u>207 / 2008</u>

#90

NWB Copy 1