



WATER LICENCE INSPECTION FORM

☒ Original
☐ Follow-Up Report

Licensee		Licensee Representative	
Adamera Minerals Corp		-	
Licence No. / Expiry		Representative's Title	
2BE-PEL0813 (expired)		-	
Land / Other Authorizations		Land / Other Authorizations	
N20012C0009		-	
Date of Inspection		Inspector	
22/07/2015		Eva Paul	
Activities Inspected			
<input checked="" type="checkbox"/> Camp	<input checked="" type="checkbox"/> Drilling	<input type="checkbox"/> Mining	<input type="checkbox"/> Construction
<input type="checkbox"/> Roads/Hauling	<input type="checkbox"/> Other:		<input checked="" type="checkbox"/> Reclamation
			<input type="checkbox"/> Fuel Storage

Conditions:		A - Acceptable	C - Concern	U - Unacceptable	NA – Not Applicable	NI – Not Inspected	
Water Use		Condition	Comment	Site Conditions		Condition	Comment
Intake/Screen		NA		Water Management Structures		NA	
Flow Measure. Device		NA		Culverts / Bridges		NA	
Source:		NA		Drainage		A	
Water Use:		NA		Erosion / Sediment		A	
Recirculation (y /n)		NA		Mitigation Measures		A	
				Reclamation Activities		U	1,2
				Materials Storage		NA	
Waste Disposal				Signage		NA	
Waste Water		NA					
Solid Waste		U	1	Monitoring			
Hazardous Waste		A		Sample Collection / Analysis		NA	
*The number in the comments field will correspond with specific comments provided below.							
Samples taken by Inspector:			Location(s):				
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							

SECTION 1	<input checked="" type="checkbox"/> Comments (s.1)	<input checked="" type="checkbox"/> Non-Compliance with Act or Licence (s.2)	<input checked="" type="checkbox"/> Action Required (s.3)
<p>The licence 2BE-PEL0813 was issued for the Amaruk project (formerly the Pelly Bay Area Project). This licence was issued as a renewal to the original NWB2PEL0507 which was assigned to Diamonds North Resources Ltd. in 2006. In 2013 Diamonds North Ltd. and Uranium North Resources Corp. amalgamated under the name Adamera Minerals Corp. In 2012 I conducted an inspection of this project and identified a number of deficiencies that were to be addressed, and in January 2013 I notified the Licensee that all restoration was to be completed prior to licence expiry as per Part I item 4 of the licence. Correspondence from Mr. Gill in 2012 and 2013 led me to believe that the work had been completed, and in 2015 I received the final plan for Amaruk. July 22, 2015 I conducted a follow-up inspection of activities associated with the licence 2BE-PEL0813. Unfortunately, the majority of the deficiencies identified in 2012 persist, and only the cleanup of one camp (Amaruk Camp) associated with project appears to have been done. Ten sites were inspected in 2015, from coordinates provided by Diamonds North and Adamera:</p> <ul style="list-style-type: none">a) Tunerq Camp (N68 07 39.1 W91 30 44.0) 2012 and 2015b) Garnet Cache (N67 59 32.0 W91 03 31.6) 2015 onlyc) Drill hole Beluga 3C (N68 09 47.8 W90 27 20.3) 2015 onlyd) Amaruk Camp (N68 07 54.8 W90 04 49.3) 2012 and 2015e) Drill hole PB-20 (N68 10 04.4 W89 57 37.9) 2015 onlyf) Drill hole AMKAB-8 (N68 14 36.8 W90 20 24.0) 2015 onlyg) Qavvik Cache (N68 18 34.0 W90 43 07.9) 2012 and 2015h) Debris/pallets identified in 2012 (N68 16 55.3 W90 54 46.2) 2012 and 2015i) NEW TUKTU Cache (N68 16 25.7 W91 02 20.1) 2012 and 2015j) Ualliq 2 cache (N68 34 22.8 W91 06 58.8) 2015 only <p>Findings are as follows:</p> <ul style="list-style-type: none">1. Abandonment and restoration activities conducted under this licence have not been completed. Only the primary camp, Amaruk, was removed. [Photo 1]. Tunerq camp (a) remains as found in 2012 [Photo 2], and the debris identified in 2012 at sites (g), (h), and (i) has not been removed. [Photos 3-5, respectively]2. Three different drill sites were inspected, based on coordinates provided in 2012. Sites (e) and (f) were reclaimed satisfactorily, with only minimal evidence of the drilling. Site (c) was not reclaimed: an emergency shack with food supplies and a pile of timbers remain. Several holes were drilled in the same area and collars/casings remain cemented in and uncapped. Cuttings are deposited in a wetland. [Photos 6-9] <p>Additional sites found deficient in 2012 are assumed to be unaddressed based on 2015 findings (details outlined in 2012 report):</p> <ul style="list-style-type: none">k) Arnak cache (N68 07 28.8 W90 41 09.1)l) Drill hole AMKPB-11 (N68 16 47.6 W90 55 41.5)			



I do not recommend cancellation of this licence, or permitting of a new licensee on the same project area until deficiencies are addressed as significant liability may yet remain associated with this project. However, assignment of this licence and the associated historic liability to the new licensee would not be opposed by Field Operations.

SECTION 2 ☐ **Comments** ☒ **Non-Compliance with Act or Licence** ☐ **Action Required**

Part D (2) Open burning is not permitted under the licence (as noted in 2012 report).
Part I (4) Failure to complete restoration work prior to licence expiry.
Part I (6) Failure to carry out progressive reclamation of components of the project no longer required.
Part I (7) Failure to remove from site all infrastructures and site material prior to licence expiry.
Part I (12) Failure to restore drill holes to natural conditions.
Part J (2) Failure to report locations for water use associated with drilling activities (as noted in 2012 report).

SECTION 3 ☐ **Comments** ☐ **Non-Compliance with Act or Licence** ☒ **Action Required**

The Licensee is to undertake reclamation of **all sites** associated with this project, including a review of all drill holes to ensure compliance with the Licence conditions. The work is to be undertaken during the snow-free season in 2015 or 2016.

1. Confirmation of when this work will be undertaken is to be reported to the Inspector by **September 15, 2015**.
2. A report, with photographs, showing that all deficiencies identified in 2012 and 2015 have been addressed is to be submitted to the inspector by **September 15, 2016**. Confirmation of reclamation of drill holes may be submitted in a table with a brief description of the work required at each hole.

Licensee or Representative	Inspector's Name
-	Eva Paul
Signature	Signature
-	<i>Sent electronically</i>
Date	Date
-	14/08/2015

Office Use Only: Follow-up report to be issued by Inspector ☐ Yes ☒ No

CC: Phyllis Beaulieu, Manager of Licensing, NWB
Erik Allain, Manager of Field Operations, AANDC
Baba Pedersen, Resource Management Officer, AANDC
Tracey McCaie, Manager of Land Administration, AANDC

Att: 1. Photo log
2. List of Fuel Caches provided in 2012
3. List of Drill Coordinates provided in 2012
4. 2012 Inspection Report and Photos



Attachment 1: PHOTO LOG

Date	Camera	Inspector	Authorization
22/07/2015	SONY DSC-HX50V	Eva Paul	2BE-PEL0813
Photo Log # 1		Location (NAD 83 DD MM SS.SS)	
Photo DSC04570		N68 07 42.11	W90 04 10.03 (approximate; taken while flying)



Description: Site of previous Amaruk Camp; only core racks remain, as permitted.

Photo Log # 2	Location (NAD 83 DD MM SS.SS)		
Photo DSC04540	N68 07 39.69	W91 30 24.47 (approximate; taken while flying)	



Description: Tunerq Camp; camp has not been removed.



Photo Log # 3		Location (NAD 83 DD MM SS.SS)	
Photo DSC04595		N68 18 35.8	W90 43 15.7 (approximate; taken while flying)
			
Description: Debris remaining at Qavvik cache as identified in 2012.			
Photo Log #4		Location (NAD 83 DD MM SS.SS)	
Photo DSC04608		N68 16 57.3	W90 54 48.5 (approximate; taken while flying)
			
Description: Debris as noted in 2012, found when flying between Qavvik cache and Drill hole AMKPB11.			



Photo Log #5

Photo DSC04612

Location (NAD 83 DD MM SS.SS)

N68 16 25.9 W91 02 23.9 (approximate; taken while flying)



Description: Debris at New Tuktu cache, as noted in 2012.

Photo Log #6

Photo DSC04549

Location (NAD 83 DD MM SS.SS)

N68 09 49.2 W90 27 24.9 (approximate; taken while flying)



Description: Emergency shack, pallets and drill cuttings as seen at Beluga 3C.

Photo Log #7	Location (NAD 83 DD MM SS.SS)	
Photo DSC04553	N68 09 47.8	W90 27 22.2
		
Description: Shack, pallets, and timbers at the Beluga drill site.		

Photo Log #8	Location (NAD 83 DD MM SS.SS)	
Photo DSC04557	N68 09 47.6	W90 27 20.9
		
Description: Debris, cement, and cuttings visible near the uncapped drill collar at the Beluga drill site.		

Photo Log #9	Location (NAD 83 DD MM SS.SS)	
Photo DSC04559	N68 09 47.6	W90 27 20.6



Description: Another collar, cuttings, and debris visible in the same Beluga drill area.