Appendix F4

Report: *2011 Groundwater Well Installation and Monitoring Report*

TECHNICAL MEMORANDUM

DATE December 15, 2011 Reference No.Doc 1323-1112210099 Ver. 0

TO Stephane Robert
Agnico-Eagle Mines Limited Meadowbank Division

CC Dan Walker

FROM Valerie Bertrand and Joanne Woodhouse **EMAIL** vbertrand@golder.com

2011 GROUNDWATER MONITORING WELL INSTALLATIONS AND WATER QUALITY RESULTS, MEADOWBANK MINE, NUNAVUT

1.0 INTRODUCTION

This document provides a summary of the 2011 groundwater monitoring program carried out at the Meadowbank mine site and a summary of water quality results obtained in 2011.

Completion of the groundwater monitoring program is a condition of the Meadowbank Project Certificate No.004 issued by the Nunavut Impact Review Board (NIRB) in December 2006 and of the Water License No. 2AM-MEA0815 issued by the Nunavut Water Board (NWB) June 09, 2008. Table 2 of Schedule 1 of the Meadowbank Water Licence states that groundwater must be monitored annually for Group 3 chemical parameters which include, per Table 1 of this Schedule: pH, turbidity, alkalinity, hardness, ammonia nitrogen, nitrate, nitrite, chloride, fluoride, sulphides, total dissolved solids (TDS), total and free cyanide for wells in the groundwater flow path of the tailing storage facility, and the following dissolved metals: aluminum, arsenic, barium, cadmium, copper, iron, lead, manganese, mercury, molybdenum, nickel, selenium, silver, thallium and zinc.

1.1 Background

The proposed Goose Island and Portage open pits will be developed in a talik (unfrozen ground that extends to the base of the permafrost) underneath Third Portage Lake. The tailings storage facility located in the basin of the north arm of Second Portage Lake is also believed to be situated over a talik. Groundwater monitoring wells have been installed to provide information on groundwater quality in the taliks prior to and during mine operation. The objective of the groundwater sampling program, initiated in 2003, is two-fold:

- To monitor the salinity and quality of the deep groundwater to calibrate the pit groundwater inflow component of the site water quality model; and
- To benchmark pre-mining and pre-tailing deposition groundwater quality against which to measure effects of mining on groundwater quality, if any.

To this end, groundwater flow and quality data has been collected from the Portage area since 2003 and has been used as input into the water quality model for the site. Groundwater in the Vault area is not monitored because the talik present under Vault Lake is not anticipated to extend through the permafrost.

Maintenance and replacement of defective monitoring wells is also a condition of the Meadowbank NIRB project certificate and Water Licence.

Four monitoring wells were installed at the site in 2003. Three of these wells MW-03-02, MW03-03 and MW03-04) were damaged by frost action between 2004 and 2006. The fourth (MW03-01) was operable until 2010 when it was also damaged by frost action. The three defective wells were replaced in 2006 (MW06-05, MW06-06 and MW-06-07). The three wells were again damaged by frost action. MW06-05 and MW06-06 were replaced in 2008 with a more robust design (MW08-02 and MW08-03). The replacement of the third defective wells (MW06-07), at the tailings storage facility, was deferred until verification of the effectiveness of the new well designs in 2009-2010. In 2011 two monitoring wells were installed. Well MW11-01 was installed on Goose Island adjacent to the Goose open pit outline, to replace one of the 2003 wells (MW03-01), and well MW11-02 was installed at the tailings storage facility to replace MW06-07 and to monitor shallow groundwater quality below the basin where tailings will be deposited. The well MW08-03 shows a blockage in 2010 and 2011. Action will be take in 2012 to try to recuperate this well.

Three wells were sampled in 2011: MW11-01, MW11-02 and MW08-02. The locations of all groundwater monitoring wells and the instrumented borehole BH10-1 are shown in Figure 1. BH10-1 was sampled in 2010 prior to instrumenting the borehole with a thermistor to monitor ground temperature. This borehole is no longer available for groundwater monitoring.

2.0 2011 MONITORING WELL INSTALLATIONS

2.1 Boreholes

The two boreholes were drilled using standard HQ size coring method for the installation of monitoring wells MW11-01 and MW11-02. Heated lake water was used as drilling fluid during drilling. The borehole for MW11-01 was drilled to 220 m depth at an angle of 50 degrees below ground surface and the borehole for MW11-02 was drilled to 81 m depth at an angle of 80 degrees below ground surface. Each borehole was cased through the overburden and into the first few metres of bedrock. Full core was recovered from both boreholes and logged by Agnico-Eagle geologists. The borehole logs are included in Appendix A. The well locations in UTM coordinates are presented in Table 1. Borehole logs and monitoring well designs for previously-existing installations are presented in previous reports (Golder 2008).

Table 1: New Monitoring Well Locations

2011 Monitoring Well ID	Collar Location	UTM Coordinates		Azimuth (from true north)	Dip	Borehole depth
		Easting	Northing			
MW11-01	Goose Island	638893	7212488	315	50	220 m
MW11-02	South basin of Second Portage Arm	638125	7214802	80	80	81 m

2.2 Monitoring Well Instrumentation

Figure 2 and 3 provide installation details for the two monitoring wells installed in 2011.

Well MW11-01

MW11-01 was constructed with 1.25 inch diameter, schedule 40 stainless steel pipe and 15 m of 2 inch diameter slotted stainless steel screen. The well was installed into an open borehole. A pneumatic packer was installed in between the slotted screen and the solid pipe at a depth of 193.28 m below ground surface (bgs). The pneumatic packer was inflated with propylene glycol (a non-toxic and biodegradable liquid with a low freezing point) and served as the seal between the talik water and the overlying permafrost and surface water. A heating cable was attached to the outside of the stainless steel pipes, above the packer through the entire anticipated interval of permafrost. The heating cables allow for thawing of the well for subsequent sampling events and prevent water from freezing during sampling. The annulus between the solid pipe and the borehole above the packer was filled with grout through a tremie line that was installed over the length of the solid pipe. The grout provides support and minimizes the potential for frost damage to the outside of the monitoring well.

Well MW11-02

MW11-02 was constructed with 1.5 inch diameter, schedule 40 stainless steel pipe and 15.25 m of 2 inch diameter slotted stainless steel screen. The well was installed into an open borehole. The annulus between the stainless steel well and the borehole was filled with approximately 16 m of sand. A bentonite seal approximately 4 m thick was placed on top of the sand. The remainder of the annulus was loosely filled with gravel and a grout seal was placed at the top of the well. Although the ground is not frozen at this location in the talik, it is predicted to freeze in time. For this reason, a heating cable was attached to the outside of the stainless steel pipes above the bentonite seal. The heating cable will allow for thawing of the well in the event of permafrost in the area.

3.0 MONITORING WELL DEVELOPMENT AND SAMPLE COLLECTION

Prior to sampling, each new well was purged using compressed air and flexible 5/8-inch (o.d.) high density polyethylene (HDPE) WaTerra® tubing to remove water introduced into the wells during drilling. Each well was purged of a minimum of 3 well volumes or until field-indicator chemical parameters stabilized (electrical conductivity, temperature and pH). Stabilization was considered to have been achieved when field-indicator readings varied by less than approximately 10% for three consecutive readings. Measurements obtained during well development are included in Appendix B.

Well MW11-01

The heat trace cable in MW11-01 was energized 24 hours following the installation. The heat trace cable was energized to thaw the ice that had formed in the well during the period. Complete thawing of the well took 7 days, including three days of recirculating compressed air and heated water (lake water heated prior to injection) above the ice and to enhance thawing. Development of the well was immediately initiated to remove the lake water used for thawing and drilling. Well development continued for four days and a total of 201 litres (L) of water were removed in addition to the water introduced during thawing. The WaTerra® tubing was progressively lowered as the water level dropped in the well. At its maximum the WaTerra® tubing was just above the packer at approximately 192 m below the top of the casing. At the end of the purging the water coming out of the well was clear and relatively sediment free. The well pipe and equipment remained in good condition during the well development process.

On September 29, 2011 a water sample was obtained from MW11-01 using a nitrogen-operated Solinst® stainless steel Double Valve Pump (DVP) attached to a ¼-inch low density polyethylene (LDPE) tubing. The pump was controlled by a Solinst® Model 466 Electronic Pump Control Unit. The sampling pump intake point was positioned at 185 m depth, slightly above the screened interval.

Well MW11-02

Immediately following the installation of MW11-02 the heat trace cable was energized and development of the well was initiated. The well was developed for three days following installation and a total of 17 well volumes or 1005 L were purged. Water quality indicator parameters stabilized over this period. The water was light grey in colour and slightly opaque for the duration of the development and at the time of sampling.

On September 26, 2011 a water sample was obtained from MW11-01 using a nitrogen-operated Solinst® stainless steel Double Valve Pump (DVP) attached to a ¼-inch low density polyethylene (LDPE) tubing. The pump was controlled by a Solinst® Model 466 Electronic Pump Control Unit. The sampling pump intake point was positioned at approximately 35 m depth below the top of the well. Part way through the sampling the nitrogen supply ran out and compressed air was used for the remainder of the sample collection.

Well MW08-02

The heating cables at MW08-02 were energized by Agnico-Eagle staff several days before Golder personnel arrived on Site. On September 15 the well was free of ice and the water level was 25 m below the top of the casing. Purging was initiated on September 19 and carried through until September 21st. A total of 681 litres or 3 well volumes were removed prior to sampling. The purge water was relatively free of sediment and orange-brown. The well remained in good condition throughout the purging process. On September 21, 2011 a nitrogen-operated Solinst® stainless steel Double Valve Pump (DVP) attached to ¼-inch low density polyethylene (LDPE) tubing was lowered to approximately 150m below the top of the casing. To obtain a sample, the pump was manually controlled by the applying pressurized nitrogen for short consistent intervals to simulate the Solinst® Model 466 Electronic Pump Control Unit which was not functioning at the time of sampling. The water was color free at the time of sampling. The change in colour is attributed to the sample water passing gently through the LDPE tubing as opposed to turbulently travelling up the casing as it did during the purging process.

3.1 Sample Shipping

Samples from all three wells were collected in triplicate. The original samples collected at locations MW11-01, MW11-02 and MW08-02, along with a duplicate pair of each, were shipped to Multilab of Val-d'Or within 24 hours of sampling in coolers with ice packs and chain-of-custody forms. One sample of each well was retained in refrigeration on site for possible future analysis.

4.0 2011 GROUNDWATER MONITORING RESULTS

4.1 Comparative Guidelines

Groundwater quality data is compared to Third Portage Effluent Discharge Limits stated in the Meadowbank Water Licence for illustrative purposes only. Constituent concentrations in the Licence are defined for total rather than dissolved phases and groundwater quality data is provided for both total and dissolved components.

4.2 Quality Assurance/Quality Control

Guideline procedures provided by the USEPA (2002) were followed during the sampling program to ensure that the samples collected from the wells were representative of water flowing through the targeted rock formations. These procedures included the following:

- Measurement of field parameters at selected intervals until stable readings (within 10% of each other) were acquired;
- Minimizing the exposure of the sampled water to the atmosphere;
- Using compressed, inert gas (nitrogen) to lift water from the well for sampling (with the exception of MW11-02 where compressed air was used when the nitrogen supply ran out);
- Conducting in-situ measurements of sensitive chemical parameters (temp. pH, conductivity);
- Keeping the samples refrigerated from the time of collection until shipment to the laboratory; and
- Shipping the samples to the laboratory in temperature-regulated coolers within the specified sample holding times.

Groundwater samples were collected in triplicate for all three monitoring wells sampled MW11-01, MW11-02 and MW08-02. A duplicate pair of samples at all locations was shipped to the laboratory after collection. Analytical repeatability was tested by assessing the similarity between duplicate pairs of results. For each duplicate pairs of analysis where both results were higher than 5 times the method detection limit (MDL), the relative percent difference (RPD) was calculated as follows:

$$RPD = \frac{\text{absolute [difference (concentration of a given parameter)]}}{\text{[average (concentration of a given parameter)]}} \times 100$$

Per USEPA recommended methods (USEPA, 1994), an RPD of 20% or less was considered acceptable. Where one or both results of the duplicate pair were less than 5 times the MDL, a margin of +/- MDL was considered acceptable.

5.0 RESULTS

5.1 Groundwater Chemistry

The results of the groundwater analyses collected during the 2003, 2004 and 2006 through 2011 sampling events are presented in Table 2 at the end of the text. The 2011 quality assurance/quality control results are presented in Table 4. Laboratory analytical certificates from the 2011 sampling event are included in Appendix C.

Since salinity of groundwater is of interest in predictive modelling of the quality of open pit inflows during operation, the concentration of salinity constituents measured are summarized in Table 3.

Table 3: Concentration of Constituents that relate to Groundwater Salinity

Location	Monitoring Well	Lithology	Sample Year	TDS** (mg/L)	Conductivity (uS/cm)	Chloride (mg/L)
Goose Island	MW03-01	Ultramafic	2003	793	1855	626
			2004	1335	2900	845
			2006	315*	460*	81*
			2007	389	588	126
			2008	1100	3200	950
			2009	1900*	3350*	970*
			2010	340	335*	5.7
	MW11-01	Intermediate Volcanic	2011	14,840	3999	10,271
Third Portage	MW08-02	Intermediate Volcanic	2008	510*	808**	160
			2009	520*	705*	160*
			2010	450	690*	160
			2011	523	782*	169
South basin of Second Portage Arm	BH10-01	Intermediate Volcanic	2010	670*	935*	17
	MW11-02	Intermediate Volcanic	2011	263	400*	20.9

Note: 1. * average value; **field measurement except for data obtained in 2010 which were laboratory measured and data obtained in 2011 which reported values as dissolved solids

Well MW11-01

One groundwater sample and two duplicates were collected from MW11-01 in 2011. Table 2 shows that several parameters have higher concentrations compared to samples taken from wells in previous years. Salinity components are high. Dissolved sulphate, hardness and turbidity are all reported at increased concentrations. Several total metal analyses (Ni, K, Se, Na) and dissolved metal analyses (As, Hg, K, Se, Na) were also present at increased levels. Calcium was reported at levels fifty times higher than previously observed. The increased levels of several parameters may be attributed to naturally present brackish water but may also be affected in part by some drilling brine remaining in the water, although the portion of this is expected to be low given the large volume of water removed from the well during development.

Two parameters, turbidity and chloride exceed the Portage effluent quality criteria in the water licence.

Well MW11-02

One groundwater sample and two duplicates were collected from MW11-02 in 2011. The results from MW11-02 are presented in Table 2. Overall the parameters are similar to groundwater results taken from other wells in previous years. Some variability exists, specifically for aluminum, arsenic and sodium. Salinity components were within the range of previous samples. Cyanide concentrations were below laboratory analytical detection limits. All parameter concentrations except turbidity met Portage effluent quality criteria in the water licence.

Well MW08-02

One groundwater sample and two duplicates were collected from MW08-02 in 2011. Table 2 shows that most parameters analysed were of the same order of magnitude as in previous years, including salinity components. Exceptions include manganese and magnesium, where increased concentrations are observed.

All parameter concentrations met Portage effluent quality criteria.

5.2 Quality Assurance/Quality Control

Table 4 presents the Relative Percent Difference (RPD) or +/- MDL value calculated from each duplicated pair of results.

Approximately 30% of duplicate pairs of analyses had one or both results below the method detection limit and consequently could not be assessed for repeatability. Of the remaining duplicate pairs, several exceed the 20% RPD or the +/- MDL when one or both of the duplicate pair were less than 5 times the MDL. In MW11-01 duplicate pairs that exceed include total alkalinity, turbidity, total Ba, Cu, Fe, Na, Zn, dissolved Al, Fe, and, ammonia nitrogen. In MW11-02 duplicate pairs that exceed include turbidity, total Cu, Fe, Pb, Zn, and total fluoride. In MW08-02 there were fewer duplicate pairs exceeding the 20% RPD or +/- the MDL. The ones that did exceed include sulphate, turbidity and total Ni and Zn.

6.0 CONCLUSION

The groundwater monitoring program was conducted in September 2011. Monitoring wells MW11-01, MW11-02 were installed. Both of the new installations and MW08-02 were sampled in triplicate.

Groundwater chemistry at MW11-01 was found to have higher concentrations compared to samples taken from wells in previous years. This likely reflects the presence of deep bedrock aquifer brine but the presence of a small portion of drilling brine may be remaining in the groundwater. Overall, groundwater chemistry at MW11-02 and MW08-02 was similar to results obtained previously. Groundwater quality at MW11-02 does not appear to be affected by or have traces of process water from tailings present in the north basin of Second Portage arm.

GOLDER ASSOCIATES LTD.

for Joanne Woodhouse, P.Geo.
Environmental Scientist

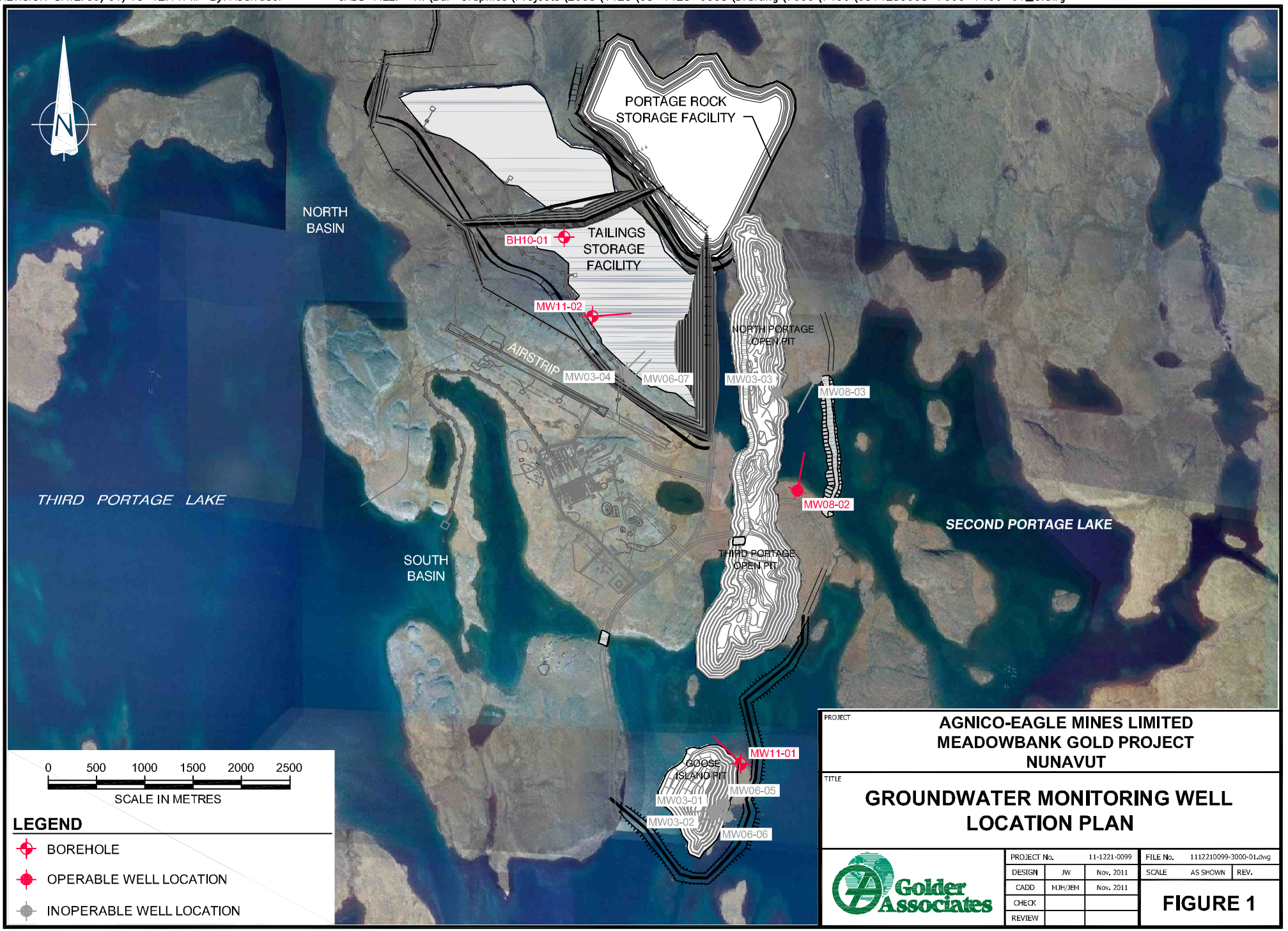
Valerie Bertrand, M.A.Sc., P.Geol. (NU, NWT)
Associate, Geochemist

JW/DV/VB/bt/lw

Attachments: Figures 1, 2, 3
Tables 2, 4
Appendix A - Borehole logs
Appendix B - Well development logs
Appendix C - Laboratory Analytical Certificates

n:\active\2011\0_mining\11-1221-0099 meadowbank 2011 groundwater\reports\doc 1323-1112210099 1215_11 tm 2011 gw monitoring and results - mb ver 0.doc

REVISION DATE: 09/01/15 12:11PM By: ASalvador CADD FILE: N:\Bur-Graphics\Projects\2008\1428\08-1428-0008\Drafting\7000\7400\0814280008-7000-7100-01_C.dwg



PROJECT

AGNICO-EAGLE MINES LIMITED
MEADOWBANK GOLD PROJECT
NUNAVUT

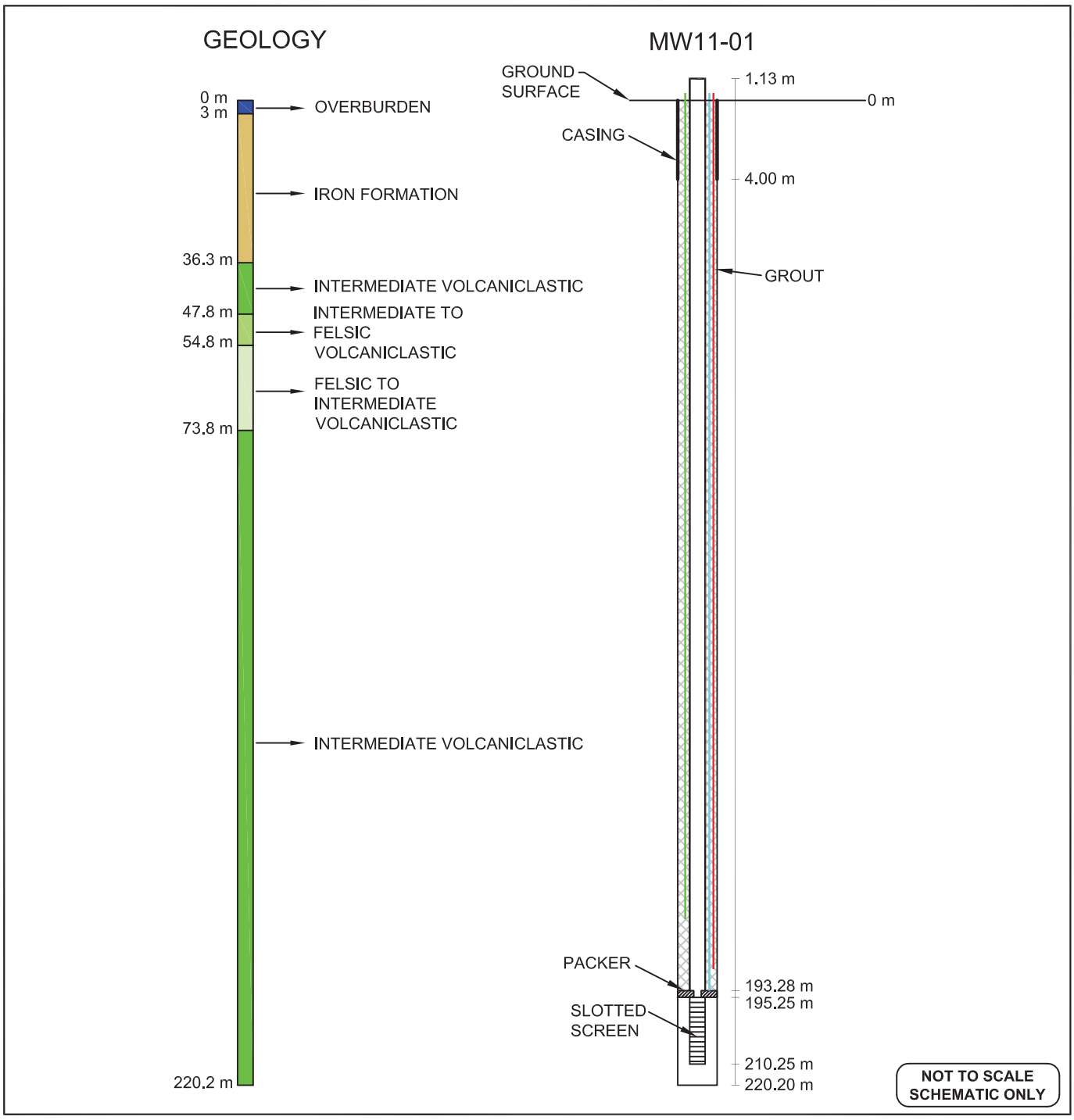
TITLE

GROUNDWATER MONITORING WELL LOCATION PLAN

Golder Associates

PROJECT No.		11-1221-0099	FILE No.	1112210099-3000-01.dwg	
DESIGN	JW	Nov. 2011	SCALE	AS SHOWN	REV.
CADD	MJH/JEM	Nov. 2011			
CHECK					
REVIEW					

FIGURE 1



LEGEND

- SOLID PIPE
- HEAT TRACE CABLE
- INFLATION LINE
- TREMIE LINE

NOTE

GEOLOGY AS PER AGNICO EAGLE DRILL HOLE, REPORT SEPTEMBER 29, 2011

NOTE

THIS FIGURE IS TO BE READ IN CONJUNCTION WITH THE ACCOMPANYING GOLDER ASSOCIATES LTD. REPORT No. 11-1221-0099

Golder Associates
Ottawa, Ontario

SCALE	N.T.S.
DATE	Oct. 2011
DESIGN	JW
CADD	JEM
CHECK	
REVIEW	

FILE No. 1112210099-3000-02.dwg
PROJECT No. 11-1221-0099 REV.

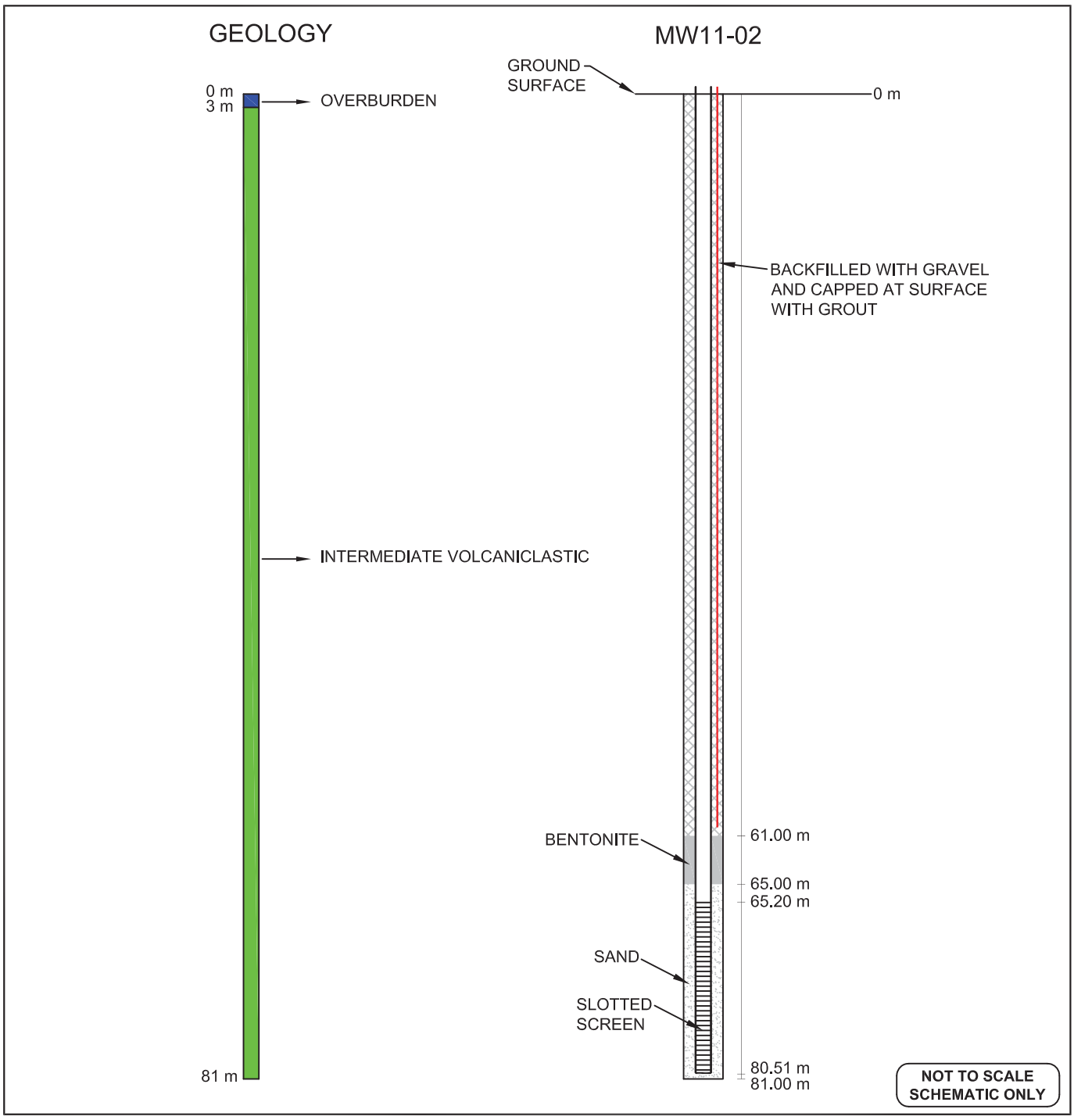
TITLE

MW11-01 INSTALLATION DETAILS

AGNICO EAGLE MINES LIMITED
MEADOWBANK MINE, NUNAVUT

FIGURE 2

FILENAME: N:\Active\2011\O_Mining\11-1221-0099 Meadowbank 2011 groundwater\Spatial_IM\CAD\1112210099-3000-02.dwg



LEGEND

SOLID PIPE

HEAT TRACE CABLE

NOTE

GEOLOGY AS PER AGNICO EAGLE DRILL HOLE, REPORT SEPTEMBER 29, 2011

NOTE

THIS FIGURE IS TO BE READ IN CONJUNCTION WITH THE ACCOMPANYING GOLDER ASSOCIATES LTD. REPORT No. 11-1221-0099

Golder Associates
Ottawa, Ontario

SCALE	N.T.S.
DATE	Oct. 2011
DESIGN	JW
CADD	JEM
CHECK	
REVIEW	

FILE No. 1112210099-3000-02.dwg

PROJECT No. 11-1221-0099 REV.

TITLE

MW11-02 INSTALLATION DETAILS

AGNICO EAGLE MINES LIMITED
MEADOWBANK MINE, NUNAVUT

FIGURE 3

FILENAME: N:\Active\2011\O_Mining\11-1221-0099 Meadowbank 2011 groundwater\Spatial_IM\CAD\1112210099-3000-02.dwg

Table 2
Groundwater Quality Results
Agnico-Eagle Mines Ltd
Meadowbank Division

Laboratory sample number / Sampling date / QA/QC	units	Portage Attenuation Pond Effluent Limits Maximum Average Conc.	Intermediate Volcaniclastic — Goose Island — MW11-01		Method Detection Limit	Ultramafic Rock — Goose Island — MW03-01													
			15979 29-Sep-11	15980 29-Sep-11 FD	29-Sep-11	9755-2 7-Sep-03	9755-3 7-Sep-03 FD	9044-01 Aug-7-04	12393-01 Aug-8-06	12393-02 Aug-8-06 FD	12395-01 Aug-14-06	8581-01 Aug-17-07	8581-02 Aug-17-07 FD	F66745 15-Sep-08	F68109 15-Sep-08 FD	154321 7-Sep-09	154321 7-Sep-09 Lab-dup	154359 7-Sep-09 FD	L51870 L51884 26-Aug-10	L51870 26-Aug-10 Lab-dup
FIELD-MEASURED PARAMETERS																				
pH	s.u.	**6.0-9.0**	10.3	-		7.36	7.36	8.03	7.93	-	7.58	7.43	-	6.70	-	6.97	-	-	7.13	-
Conductivity	uS/cm		3999	-		1855	1855	2500	382	-	538	776	-	2100	-	2436	-	-	340	-
Alkalinity (mg/L as CaCO3)			-	-		19 - 22	19 - 22	27	33.9	-	48.8	39	-	-	-					
LABORATORY PARAMETERS																				
Calculated TDS (mg/L)			-	-		793	793	1335	125	126	292	249	250	-						-
pH	s.u.	**6.0-9.0**	8.11	8.93	--	7.24	7.3	7.46	-	-	7.36	6.78	6.96	7.9	7.8	6.71	-	7.2	6.9	-
Conductivity	uS/cm		-	-		-	-	2900	-	-	634	588	583	3200	3100	3300	3400	3400	350	-
Total Alkalinity	mg/L		23	37	2	30	30	27.3	-	-	51	36.7	36.7	24	33	15	17	18	49	-
Bicarbonate Alkalinity HCO3 (mg/L)			-	-		36.6	36.6	33.3	-	-	62.2	44.8	44.8	-	-					-
Carbonate Alkalinity CO3 (mg/L)			-	-		< 0.5	< 0.5	< 0.5	-	-	< 0.5	< 0.5	< 0.5	-	-					-
Hydroxide Alkalinity OH (mg/L)			-	-		< 0.5	< 0.5	< 0.5	-	-	< 0.5	< 0.5	< 0.5	-	-					-
Dissolved Sulphate	mg/L		29	30	1	15.6	15.8	15.9	42.8	43.1	51.1	46.5	46.3	6.0	5.7	3.9	-	3.6	87	-
Hardness CaCO3 (mg/L)*			-	-		262	267	380	75.9	77.3	150	107	109	-	-					-
Hardness (Total)	mg/L		13264	14759	1	318	388	391	82	81.6	148	116	112	310	320	450	-	440	77	-
Total Suspended Solids	mg/L	**15**	-	-		-	-	13	-	-	4	2	3	5	7	-	-	-	-	-
Total Dissolved Solids	mg/L		14840	14620	1	793	-	1335	193	-	405	389	-	1100	-	1900	-	1900	-	-
Turbidity	NTU	**15**	**18.1**	**25.7**		-	-	-	-	-	-	-	-	3.3	4.1	2.1	-	8.2	210	-
Total Metals																				
Aluminum[1]	mg/L		0.248	0.256	0.002	4.16	1.2	0.25	0.4	0.48	0.13	0.053	0.059	-	-	-	-	-	<0.03	-
Antimony	mg/L		-	-		<0.001	<0.001	0.0004	<0.0002	<0.0002	< 0.001	< 0.001	< 0.001	-	-	-	-	-	-	-
Arsenic	mg/L	**0.5**	0.128	0.142	0.0005	<0.001	0.017	0.004	0.0005	0.0006	0.002	< 0.001	< 0.001	-	-	-	-	-	<0.002	-
Barium	mg/L		0.1484	0.1991	0.0005	0.18	0.2	0.301	0.027	0.028	0.052	0.053	0.052	-	-	-	-	-	<0.03	-
Beryllium	mg/L		-	-		<0.001	<0.001	<0.0002	<0.0002	<0.0002	< 0.001	< 0.001	< 0.001	-	-	-	-	-	-	-
Bismuth	mg/L		-	-		<0.001	<0.001	<0.0002	<0.0002	<0.0002	< 0.001	< 0.001	< 0.001	-	-	-	-	-	-	-
Boron	mg/L		-	-		0.59	1.07	2.43	0.11	0.11	0.27	0.23	0.23	-	-	-	-	-	-	-
Cadmium[3]	mg/L		<0.00002	0.00009	0.00002	0.00024	0.00037	<0.00004	<0.00004	<0.00004	< 0.0002	< 0.0002	< 0.0002	-	-	-	-	-	<0.001	-
Calcium	mg/L		5263	5857	0.03	72	87.1	95.4	19.1	19.1	33.4	26.1	25.1	73	-	-	-	-	21	-
Chromium[2]	mg/L		-	-		0.049	0.32	0.004	0.0017	0.0021	< 0.001	< 0.001	< 0.001	-	-	-	-	-	-	-
Cobalt	mg/L		-	-		0.004	0.016	0.0009	0.0005	0.0005	< 0.001	< 0.001	< 0.001	-	-	-	-	-	-	-
Copper[3]	mg/L	**0.3**	0.0237	0.0357	0.0005	0.044	0.071	0.0035	0.0022	0.002	< 0.001	0.001	0.001	-	-	-	-	-	<0.003	-
Iron	mg/L		1.3	1.9	0.01	6.05	10.7	1.14	1.02	1.11	1.1	0.94	0.93	-	-	-	-	-	0.6	-
Lead[3]	mg/L	**0.2**	<0.0003	0.0031	0.0003	0.013	0.03	0.0025	0.0015	0.0013	< 0.001	0.001	0.001	-	-	-	-	-	-	-
Lithium	mg/L		-	-		0.025	0.031	0.04	0.0031	0.0032	0.006	< 0.005	< 0.005	-	-	-	-	-	-	-
Magnesium	mg/L		29.9	32.6	0.02	33.2	41.5	37.1	8.29	8.2	15.6	12.4	12.1		-	-	-	-	6.1	-
Manganese	mg/L		0.0433	0.05	0.0005	0.073	0.72	0.415	0.309	0.304	0.93	0.77	0.75	-	-	-	-	-	0.55	-
Mercury	mg/L		0.00073	0.00077	0.00001	-	-	<0.00002	<0.00002	<0.00002	< 0.00002	< 0.00002	< 0.00002	-	-	-	-	-	<0.0001	-
Molybdenum	mg/L		<0.0005	<0.0005	0.0005	<0.0005	0.011	0.0083	0.013	0.013	0.012	0.0084	0.0084	-	-	-	-	-	<0.03	-
Nickel[3]	mg/L	**0.5**	0.2	0.2	0.0005	0.056	0.13	0.0045	0.002	0.0022	< 0.001	0.001	0.001	-	-	-	-	-	<0.01	-
Phosphorus	mg/L		-	-		0.069	0.075	0.16	<0.03	<0.03	< 0.15	< 0.15	< 0.15	-	-	-	-	-	-	-
Potassium	mg/L		201	225	0.05	7.31	9.1	9.13	3.63	3.68	6.1	4.7	4.5	-	-	-	-	-	2.1	-
Selenium	mg/L		0.564	0.594	0.001	<0.001	<0.001	<0.0002	<0.0002	<0.0002	< 0.001	< 0.001	< 0.001	-	-	-	-	-	<0.001	-
Silicon	mg/L		-	-		0.4	4.12	5.07	2.31	2.71	2.7	1.4	1.3	-	-	-	-	-	-	-
Silver	mg/L		0.01230	0.01460	0.00020	0.0064	0.011	0.00028	<0.00005	<0.00005	< 0.00025	< 0.00025	< 0.00025	-	-	-	-	-	0.0014	-
Sodium	mg/L		344	550	0.05	22	25	357	16	15.9	50.5	39.1	37.5	-	-	-	-	-	2.5	-
Strontium	mg/L		-	-		0.68	0.79	1.56	0.119	0.12	0.28	0.24	0.24	-	-	-	-	-	-	-
Tellurium	mg/L		-	-		<0.001	<0.001	<0.0002	<0.0002	<0.0002	< 0.001	< 0.001	< 0.001	-	-	-	-	-	-	-
Thallium	mg/L		<0.005	<0.005	0.005	<0.0001	<0.0001	<0.00002	<0.00002	<0.00002	< 0.0001	< 0.0001	< 0.0001	-	-	-	-	-	<0.01	-
Thorium	mg/L		-	-		<0.0005	0.0038	<0.0001	0.0005	0.0006	< 0.0005	< 0.0005	< 0.0005	-	-	-	-	-	-	-
Tin	mg/L		-	-		<0.001	0.002	0.0009	<0.0002	<0.0002	< 0.001	< 0.001	< 0.001	-	-	-	-	-	-	-
Titanium	mg/L		-	-		0.01	0.22	0.01	0.024	0.029	0.006	0.003	0.003	-	-	-	-	-	-	-
Uranium	mg/L		-	-		0.0012	0.0017	0.0003	0.0006	0.0006	< 0.0005	< 0.0005	< 0.0005	-	-	-	-	-	-	-
Vanadium	mg/L		-	-		<0.001	0.029	0.0004	0.0007	0.0008	< 0.001	< 0.001	< 0.001	-	-	-	-	-	-	-
Zinc	mg/L	**0.5**	0.038	0.091	0.001	0.063	0.087	0.007	0.005	0.005	< 0.005	0.009	0.009	-	-	-	-	-	0.009	-
Zirconium			-	-		<0.0010	<0.0010	<0.002	<0.002	<0.002	< 0.01	< 0.01	< 0.01	-	-	-	-	-	-	-

FD = Field Duplicate

- Not analyzed

Table 2
Groundwater Quality Results
Agnico-Eagle Mines Ltd
Meadowbank Division

Laboratory sample number Sampling date QA/QC	units	Portage Attenuation Pond Effluent Limits Maximum Average Conc.	Intermediate Volcaniclastic Goose Island MW11-01 15979 29-Sep-11	 15980 29-Sep-11 FD	Method Detection Limit 29-Sep-11	Ultramafic Rock Goose Island MW03-01 9755-2 7-Sep-03	9755-3 7-Sep-03 FD	9044-01 Aug-7-04	12393-01 Aug-8-06	12393-02 Aug-8-06 FD	12395-01 Aug-14-06	8581-01 Aug-17-07	8581-02 Aug-17-07 FD	F66745 15-Sep-08	F68109 15-Sep-08 FD	154321 7-Sep-09	154321 7-Sep-09 Lab-dup	154359 7-Sep-09 FD	L51870 L51884 26-Aug-10	L51870 26-Aug-10 Lab-dup
Dissolved Metals																					
Aluminum	mg/L		0.15	0.01	0.01	0.051	0.011	0.005	0.3	0.3	< 0.005	< 0.005	0.011	0.0013	0.0068	<0.0001	-	<0.0001	0.03	-
Antimony			-	-		<0.001	<0.001	0.0002	<0.0002	<0.0002	< 0.001	< 0.001	< 0.001	-	-	-	-	-	-	-
Arsenic	mg/L	**0.3**	0.137	0.130	0.005	<0.001	0.003	0.0038	0.0005	0.0005	0.003	< 0.001	< 0.001	<0.0001	<0.0001	<0.002	-	<0.002	<0.002	-
Barium	mg/L		0.13	0.136	0.005	0.12	0.13	0.3	0.025	0.025	0.051	0.048	0.051	0.25	0.25	0.42	-	0.39	<0.03	-
Beryllium	mg/L		-	-		<0.001	<0.001	<0.0002	<0.0002	<0.0002	< 0.001	< 0.001	< 0.001	-	-	-	-	-	-	-
Bismuth	mg/L		-	-		<0.001	<0.001	<0.0002	<0.0002	<0.0002	< 0.001	< 0.001	< 0.001	-	-	-	-	-	-	-
Boron	mg/L		-	-		0.53	1.03	2.39	0.1	0.1	0.27	0.2	0.21	-	-	-	-	-	-	-
Cadmium	mg/L	**0.002**	<0.005	<0.005	0.005	0.00007	0.00012	<0.00004	<0.00004	<0.00004	< 0.0002	< 0.0002	< 0.0002	<0.0002	<0.0002	<0.001	-	<0.001	<0.001	-
Calcium	mg/L		5136	5099	0.05	65.6	67	94.2	17.6	17.9	33.7	24	24.5	73	75	100	-	99	18	-
Chromium[2]	mg/L		-	-		<0.001	<0.001	0.0002	0.0012	0.0012	< 0.001	< 0.001	< 0.001	-	-	-	-	-	-	-
Cobalt	mg/L		-	-		0.001	0.001	0.0008	0.0004	0.0004	< 0.001	< 0.001	< 0.001	-	-	-	-	-	-	-
Copper	mg/L	**0.1**	0.021	0.015	0.005	0.002	0.002	0.0004	0.0016	0.0016	< 0.001	< 0.001	0.001	0.0015	0.0023	<0.003	-	<0.003	<0.003	-
Iron	mg/L		1.3	0.97	0.05	<0.05	0.07	0.08	0.84	0.85	0.2	< 0.05	< 0.05	<0.03	<0.03	<0.1	-	<0.1	<0.1	-
Lead	mg/L	**0.1**	<0.005	<0.005	0.005	<0.001	<0.001	<0.0002	0.0014	0.0012	< 0.001	< 0.001	< 0.001	0.00021	0.00020	<0.001	-	0.001	<0.001	-
Lithium	mg/L		-	-		0.017	0.017	0.033	0.0028	0.0027	0.005	< 0.005	< 0.005	-	-	-	-	-	-	-
Magnesium	mg/L		22.5	25.8	0.05	23.4	24.3	35.1	7.76	7.92	16.1	11.4	11.6	31	32	46	-	47	4.1	-
Manganese	mg/L		0.029	0.029	0.005	0.06	0.28	0.381	0.286	0.293	0.980	0.700	0.720	0.43	0.44	0.22	-	0.22	0.36	-
Mercury	mg/L		0.0006	0.0006	0.0005	-	-	<0.00002	<0.00002	<0.00002	< 0.00002	< 0.00002	< 0.00002	<0.00001	<0.00001	<0.0001	-	<0.0001	<0.0001	-
Molybdenum	mg/L		<0.005	<0.005	0.005	<0.0005	0.0057	0.0076	0.012	0.012	0.013	0.0079	0.0079	0.0082	0.0078	<0.03	-	<0.003	<0.03	-
Nickel	mg/L	**0.2**	0.2	0.2	0.005	0.006	0.005	0.0026	0.0019	0.0019	< 0.001	0.001	0.001	0.0015	0.0015	<0.01	-	<0.01	<0.01	-
Phosphorus	mg/L		-	-		0.1	0.15	0.04	<0.03	<0.03	< 0.15	< 0.15	< 0.15	-	-	-	-	-	-	-
Potassium	mg/L		183	192	0.05	5.71	5.95	8.56	3.27	3.28	6.1	4.3	4.4	8.4	8.5	11	-	11	1.5	-
Selenium	mg/L		0.637	0.606	0.005	<0.001	<0.001	<0.0002	<0.0002	<0.0002	< 0.001	< 0.001	< 0.001	<0.001	<0.001	<0.001	-	<0.001	<0.001	-
Silicon	mg/L		-	-		0.32	3.27	3.89	1.96	1.98	2.50	1.20	1.20	-	-	-	-	-	-	-
Silver	mg/L		<0.005	<0.005	0.005	<0.0001	<0.0001	<0.00005	<0.00005	<0.00005	< 0.00025	< 0.00025	< 0.00025	<0.0001	<0.0001	<0.0003	-	<0.0003	<0.0003	-
Sodium	mg/L		283.0	338.0	0.05	20	22	327.0	15.0	15.6	52.5	34.2	35.0	-	-	420	-	430	1.8	-
Strontium	mg/L		-	-		0.58	0.59	1.46	0.111	0.114	0.29	0.22	0.22	-	-	-	-	-	-	-
Tellurium	mg/L		-	-		<0.001	<0.001	<0.0002	<0.0002	<0.0002	< 0.001	< 0.001	< 0.001	-	-	-	-	-	-	-
Thallium	mg/L		<0.01	<0.01	0.01	<0.0001	<0.0001	<0.00002	<0.00002	<0.00002	< 0.0001	< 0.0001	< 0.0001	<0.002	<0.002	<0.01	-	<0.01	<0.01	-
Thorium	mg/L		-	-		<0.0005	<0.0005	<0.0001	0.0004	0.0004	< 0.0005	< 0.0005	< 0.0005	-	-	-	-	-	-	-
Tin	mg/L		-	-		<0.001	<0.001	<0.0002	<0.0002	<0.0002	< 0.001	< 0.001	< 0.001	-	-	-	-	-	-	-
Titanium	mg/L		-	-		<0.001	<0.001	0.0003	0.019	0.018	< 0.001	< 0.001	< 0.001	-	-	-	-	-	-	-
Uranium	mg/L		-	-		0.0006	0.0006	0.0003	0.0006	0.0006	< 0.0005	< 0.0005	< 0.0005	-	-	-	-	-	-	-
Vanadium	mg/L		-	-		<0.001	<0.001	<0.0002	0.0006	0.0006	< 0.001	< 0.001	< 0.001	-	-	-	-	-	-	-
Zinc	mg/L	**0.4**	0.020	0.013	0.005	0.006	<0.005	0.002	0.005	0.005	< 0.005	< 0.005	0.005	0.017	0.014	<0.003	-	<0.003	0.011	-
Zirconium			-	-		<0.0010	<0.0010	<0.002	<0.002	<0.002	< 0.01	< 0.01	< 0.01	-						
Anions																				
Dissolved Fluoride	mg/L		0.55	0.62	0.02	< 0.05	< 0.05	0.12	0.16	0.17	0.16	0.18	0.18	<0.1	<0.1	0.1	-	<0.1	0.2	-
Dissolved Chloride	mg/L	**1000**	**10271**	**9859**	**0.5**	626	621	845	34.7	33.7	128	126	126	950	980	990	-	950	5.7	-
Nutrients																				
Total Nitrogen	mg/L		-	-		-	-	-	-	-	-	< 0.2	0.3	0.53	0.49	-	-	-	-	-
Ammonium	mg/L		0.07	0.27	0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrate and Nitrite	mg/L	**20***	-	-		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	-	-	-	<0.2	<0.4	<0.42	-	<0.42	0.09	-
Nitrate	mg/L		0.28	0.29	0.01	-	-	< 0.05	< 0.05	< 0.05	< 0.1	< 0.01	0.09	<0.02	<0.02	<0.02	-	<0.02	-	-
Nitrite	mg/L		<0.01	<0.01	0.01	-	-	-	0.003	0.004	0.002	0.002	< 0.002	<0.2	<0.4					
Ammonia Nitrogen	mg/L	**16**	-	-		0.38	0.37	-	0.21	0.19	-	0.14	0.15	-	-	0.54	-	0.51	0.08	0.08
Total Kjeldahl Nitrogen			-	-		0.7	0.6	0.3	0.3	0.3	-	< 0.2	0.2	-	-	-	-	-	-	-
Total Phosphorus			-	-		0.07	0.08	0.05	0.04	0.04	-	0.01	0.02	-	-	-	-	-	-	-
Cyanide (mg/L)																				
Total		**1.0**	<0.005	-	0.005	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	-
Free			<0.005	-	0.005	-	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-

FD = Field Duplicate
- Not analyzed

Table 2
Groundwater Quality Results
Agnico-Eagle Mines Ltd
Meadowbank Division

			Iron Formation Rock						Intermediate Volcanic Rock				Intermediate Volcanic			Method Detection Limit
		Portage Attenuation Pond Effluent Limits Maximum Average Conc.	Goose Island						North Portage			Goose Island	Second Portage Arm (tailings disposal area)			
			MW03-02				MW06-06		MW03-03			MW06-05	MW03-04	MW06-07		
Laboratory sample number	units		9756-03	9043-01	9043-01	9043-02	12567-01	12567-02	9756-02	9045-01	9045-02		9756-01	12568-01	12568-02	
Sampling date			28-Sep-03	Jul 31-04	Jul 31-04	Jul 31-04	24-Aug-06	24-Aug-06	25-Sep-03	Aug-9-04	Aug-9-04		18-Sep-03	30-Aug-06	30-Aug-06	26-Aug-10
QA/QC					Decant [e]	FD		FD			FD				FD	
FIELD-MEASURED PARAMETERS																
pH	s.u.	**6.0-9.0**	7.68	7.19	-	-	7.59	-	8.63	7.77	-		7.67	8	8	-
Conductivity	uS/cm		660	1104	-	-	1306	-	350	627	-		370 - 450	440	440	-
Alkalinity (mg/L as CaCO3)			96 - 100	51	-	-	46.3	-	87	102	-	-	-	84	84	-
LABORATORY PARAMETERS																
Calculated TDS (mg/L)			387	499	-		588	678	254	239			154	172**	162**	-
pH	s.u.	**6.0-9.0**	7.04	7.25	-	7.34	7.33	7.29	7.83	7.96	-	-	-	7.54	7.57	-
Conductivity	uS/cm		-	1270	-	1280	1210	1200	-	640	-			281	285	0.001
Total Alkalinity	mg/L		103	41.6	-	42.9	49.9	49.9	93.8	133	-	-	-	89	89	1
Bicarbonate Alkalinity HCO3 (mg/L)			125	50.8	-	52.4	60.9	60.9	114	162	-	-	-	108	108	0.5
Carbonate Alkalinity CO3 (mg/L)			< 0.5	< 0.5	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	-	-	< 0.5	< 0.5	0.5
Hydroxide Alkalinity OH (mg/L)			< 0.5	< 0.5	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	-	-	< 0.5	< 0.5	0.5
Dissolved Sulphate	mg/L		263	38.4	-	38.2	65.1	56	26.6	6.2	-	-	63.8	4	3.76	0.1
Hardness CaCO3 (mg/L)*			290	308	-	-	345	347	136	210	-	-	53	106	107	1
Hardness (Total)	mg/L		316	313	292	-	326	316	144	216	-	-	-	124	128	1
Total Suspended Solids	mg/L	**15**	-	96	-	90	16	28	-	1	-	-	-	11	11	1
Total Dissolved Solids	mg/L		-	-	-	-	650	-	-	-	-	-	-	220	220	0.2
Turbidity	NTU	**15**	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2
Total Metals																
Aluminum[1]	mg/L		1.07	2.31	0.37	-	0.16	0.13	0.018	0.12	-	-	-	1.08	1.06	0.03
Antimony	mg/L		<0.001	0.0003	0.0002	-	<0.001	<0.001	0.002	0.0002	-	-	-	< 0.001	< 0.001	0.001
Arsenic	mg/L	**0.5**	0.002	0.0038	0.002	-	0.003	0.003	0.004	0.015	-	-	-	0.001	0.002	0.002
Barium	mg/L		0.028	0.096	0.076	-	0.024	0.024	0.02	0.05	-	-	-	0.11	0.11	0.03
Beryllium	mg/L		<0.001	< 0.0002	< 0.0002	-	<0.001	<0.001	<0.001	< 0.0002	-	-	-	< 0.001	< 0.001	0.001
Bismuth	mg/L		<0.001	< 0.0002	< 0.0002	-	<0.001	<0.001	<0.001	< 0.0002	-	-	-	< 0.001	< 0.001	0.001
Boron	mg/L		0.06	0.97	0.87	-	0.36	0.31	0.09	0.19	-	-	-	< 0.05	< 0.05	0.05
Cadmium[3]	mg/L		<0.0002	0.00018	0.0001	-	<0.0002	<0.0002	<0.0002	0.00006	-	-	-	< 0.0002	< 0.0002	0.001
Calcium	mg/L		68.3	74.7	72.5	-	89.3	86.1	28	47.7	-	-	-	34.9	36.4	0.1
Chromium[2]	mg/L		0.003	0.008	0.0012	-	<0.001	<0.001	<0.001	0.001	-	-	-	0.006	0.005	0.001
Cobalt	mg/L		0.004	0.0072	0.0045	-	0.002	0.002	<0.001	0.0004	-	-	-	0.001	0.001	0.001
Copper[3]	mg/L	**0.3**	0.004	0.007	0.002	-	0.001	0.005	<0.001	0.0014	-	-	-	0.011	0.011	0.003
Iron	mg/L		2.96	4.72	0.68	-	0.57	0.57	<0.05	0.46	-	-	-	1.5	1.58	0.1
Lead[3]	mg/L	**0.2**	0.002	0.0035	0.0005	-	<0.001	<0.001	0.001	0.0006	-	-	-	0.001	0.001	0.001
Lithium	mg/L		0.021	0.021	0.017	-	0.029	0.028	0.007	0.0092	-	-	-	0.004	0.004	0.001
Magnesium	mg/L		35.2	30.7	27	-	25	24.5	18	23.5	-	-	-	8.81	9.04	0.1
Manganese	mg/L		1.04	0.517	0.417	-	0.41	0.43	0.11	0.131	-	-	-	0.073	0.074	0.003
Mercury	mg/L		<0.00002	< 0.00002	< 0.00002	-	<0.00002	<0.00002	<0.00002	< 0.00002	-	-	-	< 0.00002	< 0.00002	0.0001
Molybdenum	mg/L		0.022	0.015	0.013	-	0.0087	0.009	0.056	0.093	-	-	-	0.005	0.0048	0.03
Nickel[3]	mg/L	**0.5**	0.008	0.017	0.011	-	0.007	0.01	0.003	0.0024	-	-	-	0.005	0.005	0.01
Phosphorus	mg/L		0.19	0.34	0.09	-	1.2	1.2	0.07	0.08	-	-	-	0.4	0.4	0.01
Potassium	mg/L		5.94	7.8	6.9	-	6.7	6.5	3.51	2.65	-	-	-	2.7	2.8	0.1
Selenium	mg/L		<0.001	< 0.0002	< 0.0002	-	<0.001	<0.001	<0.001	< 0.0002	-	-	-	< 0.001	< 0.001	0.001
Silicon	mg/L		10.7	13.8	7.57	-	4.7	4.6	3.78	5.96	-	-	-	5	5	0.05
Silver	mg/L		<0.0001	0.00067	0.00016	-	<0.00025	<0.00025	<0.0001	0.0001	-	-	-	0.0009	0.0009	0.00030
Sodium	mg/L		6.81	91.9	84.9	-	59	55.9	17.6	33.6	-	-	-	8.85	9.12	0.03
Strontium	mg/L		0.26	0.759	0.691	-	0.75	0.72	0.26	0.581	-	-	-	0.23	0.24	0.001
Tellurium	mg/L		<0.001	< 0.0002	< 0.0002	-	<0.001	<0.001	<0.001	< 0.0002	-	-	-	< 0.001	< 0.001	0.001
Thallium	mg/L		<0.0001	0.00006	< 0.00002	-	<0.0001	<0.0001	<0.0001	< 0.00002	-	-	-	< 0.0001	< 0.0001	0.01
Thorium	mg/L		0.0007	< 0.0001	< 0.0001	-	<0.0005	<0.0005	<0.0005	< 0.0001	-	-	-	< 0.0005	< 0.0005	0.0005
Tin	mg/L		<0.001	0.0003	< 0.0002	-	<0.001	<0.001	<0.001	< 0.0002	-	-	-	< 0.001	< 0.001	0.001
Titanium	mg/L		0.063	0.158	0.02	-	0.005	0.005	<0.001	0.0045	-	-	-	0.032	0.031	0.001
Uranium	mg/L		0.0084	0.002	0.0013	-	0.0018	0.0018	0.012	0.0088	-	-	-	0.0095	0.0097	0.0005
Vanadium	mg/L		0.002	0.0039	0.0006	-	0.002	0.002	<0.001	0.0002	-	-	-	0.002	0.002	0.001
Zinc	mg/L	**0.5**	0.014	0.042	0.015	-	<0.005	<0.005	<0.005	0.006	-	-	-	0.006	0.006	0.005
Zirconium			<0.0010	< 0.002	< 0.002	-	<0.01	<0.01	<0.0010	< 0.002	-	-	-	< 0.01	< 0.01	0.001

FD = Field Duplicate

- Not analyzed

Table 2
Groundwater Quality Results
Agnico-Eagle Mines Ltd
Meadowbank Division

			Iron Formation Rock						Intermediate Volcanic Rock				Intermediate Volcanic			
		Portage Attenuation Pond Effluent Limits	Goose Island						North Portage			Goose Island	Second Portage Arm (tailings disposal area)			Method Detection Limit
			MW03-02				MW06-06		MW03-03			MW06-05	MW03-04	MW06-07		
Laboratory sample number	units	Maximum Average Conc.	9756-03	9043-01	9043-01	9043-02	12567-01	12567-02	9756-02	9045-01	9045-02		9756-01	12568-01	12568-02	
Sampling date			28-Sep-03	Jul 31-04	Jul 31-04 Decant [6]	Jul 31-04 FD	24-Aug-06	24-Aug-06 FD	25-Sep-03	Aug-9-04	Aug-9-04 FD		18-Sep-03	30-Aug-06	30-Aug-06 FD	26-Aug-10
QA/QC																
Dissolved Metals																
Aluminum	mg/L		0.47	0.019	-	-	<0.005	<0.005	0.018	0.006	-	-	0.72	0.04	0.042	0.03
Antimony			<0.001	0.0003	-	-	<0.001	<0.001	0.002	< 0.0002	-	-	0.001	< 0.001	< 0.001	0.001
Arsenic	mg/L	**0.3**	0.002	0.002	-	-	0.002	0.002	0.004	0.013	-	-	0.007	< 0.001	0.0010	0.0020
Barium	mg/L		0.023	0.086	-	-	0.018	0.019	0.018	0.048	-	-	0.03	0.086	0.086	0.03
Beryllium	mg/L		<0.001	< 0.0002	-	-	<0.001	<0.001	<0.001	< 0.0002	-	-	<0.001	< 0.001	< 0.001	0.001
Bismuth	mg/L		<0.001	< 0.0002	-	-	<0.001	<0.001	<0.001	< 0.0002	-	-	<0.001	< 0.001	< 0.001	0.001
Boron	mg/L		0.06	0.94	-	-	0.37	0.44	0.08	0.17	-	-	<0.05	< 0.05	< 0.05	0.05
Cadmium	mg/L	**0.002**	<0.0002	0.00016	-	-	<0.0002	<0.0002	<0.0002	0.00004	-	-	<0.0002	< 0.0002	< 0.0002	0.001
Calcium	mg/L		63.1	73.5	-	-	87.1	85.3	26.3	47.1	-	-	15	31	31.5	0.1
Chromium[2]	mg/L		0.001	0.0004	-	-	<0.001	<0.001	<0.001	0.0003	-	-	<0.001	< 0.001	< 0.001	0.001
Cobalt	mg/L		0.004	0.0060	-	-	<0.001	<0.001	<0.001	0.0003	-	-	0.003	< 0.001	< 0.001	0.0010
Copper	mg/L	**0.1**	0.004	0.0014	-	-	0.001	<0.001	<0.001	0.0002	-	-	0.006	0.005	0.008	0.003
Iron	mg/L		1.91	0.05	-	-	<0.05	<0.05	<0.05	< 0.01	-	-	0.55	< 0.05	0.05	0.1
Lead	mg/L	**0.1**	0.001	< 0.0002	-	-	<0.001	<0.001	<0.001	< 0.0002	-	-	0.006	< 0.001	< 0.001	0.001
Lithium	mg/L		0.019	0.016	-	-	0.028	0.025	0.007	0.0081	-	-	0.015	0.002	0.002	0.001
Magnesium	mg/L		32.1	30.2	-	-	24.0	23.6	17.1	22.4	-	-	3.81	6.83	6.92	0.1
Manganese	mg/L		0.96	0.492	-	-	0.006	0.003	0.1	0.130	-	-	0.049	0.032	0.032	0.003
Mercury	mg/L		<0.00002	< 0.02	-	-	<0.00002	<0.00002	<0.00002	< 0.02	-	-	<0.00002	< 0.00002	< 0.00002	0.0001
Molybdenum	mg/L		0.018	0.014	-	-	0.0081	0.0069	0.052	0.09	-	-	0.024	0.004	0.0042	0.030
Nickel	mg/L	**0.2**	0.007	0.012	-	-	0.005	0.004	0.003	0.0018	-	-	0.003	0.002	0.002	0.01
Phosphorus	mg/L		0.16	< 0.03	-	-	0.9	0.8	0.07	< 0.03	-	-	5.58	0.3	0.3	0.01
Potassium	mg/L		5.36	7.43	-	-	6.6	5.8	3.33	2.64	-	-	5.44	2.3	2.3	0.1
Selenium	mg/L		<0.001	< 0.0002	-	-	<0.001	<0.001	<0.001	< 0.0002	-	-	<0.001	< 0.001	< 0.001	0.001
Silicon	mg/L		7.98	5.88	-	-	4.1	3.8	3.62	5.70	-	-	10.2	2.70	2.70	0.05
Silver	mg/L		<0.0001	< 0.00005	-	-	<0.00025	<0.00025	<0.0001	< 0.00005	-	-	<0.0001	< 0.00025	< 0.00025	0.0003
Sodium	mg/L		6.29	89.5	-	-	58.2	55.9	16.5	32.0	-	-	52.9	7.7	7.8	0.1
Strontium	mg/L		0.24	0.736	-	-	0.72	0.76	0.24	0.556	-	-	0.14	0.2	0.2	0.001
Tellurium	mg/L		<0.001	< 0.0002	-	-	<0.001	<0.001	<0.001	< 0.0002	-	-	<0.001	< 0.001	< 0.001	0.001
Thallium	mg/L		<0.0001	< 0.00002	-	-	<0.0001	<0.0001	<0.0001	< 0.00002	-	-	<0.0001	< 0.0001	< 0.0001	0.01
Thorium	mg/L		<0.0005	< 0.0001	-	-	<0.0005	<0.0005	<0.0005	< 0.0001	-	-	<0.0005	< 0.0005	< 0.0005	0.0005
Tin	mg/L		<0.001	< 0.0002	-	-	<0.001	<0.001	<0.001	< 0.0002	-	-	<0.001	< 0.001	< 0.001	0.001
Titanium	mg/L		0.024	0.0008	-	-	<0.001	<0.001	<0.001	0.0003	-	-	0.003	< 0.001	< 0.001	0.001
Uranium	mg/L		0.0077	0.0013	-	-	0.0016	0.0014	0.012	0.0087	-	-	0.013	0.008	0.008	0.0005
Vanadium	mg/L		<0.001	< 0.0002	-	-	0.001	0.001	<0.001	< 0.0002	-	-	<0.001	< 0.001	< 0.001	0.001
Zinc	mg/L	**0.4**	0.012	0.029	-	-	<0.005	<0.005	<0.005	0.004	-	-	0.022	< 0.005	< 0.005	0.005
Zirconium			<0.0010	< 0.002	-	-	<0.01	<0.01	<0.0010	< 0.002	-	-	<0.0010	< 0.01	< 0.01	0.001
Anions																
Dissolved Fluoride	mg/L		0.35	0.6	-	0.57	0.55	0.63	0.46	0.38	-	-	0.34	0.2	0.11	0.1
Dissolved Chloride	mg/L	**1000**	5.4	251	-	259	304	331	50.4	121	-	-	13.4	33.3	33.5	0.05
Nutrients																
Total Nitrogen	mg/L		-	-	-	-	-	-	-	-	-	-	-	-	-	<0.02
Ammonium	mg/L		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrate and Nitrite	mg/L	**20***	< 0.05	< 0.05	-	< 0.05	-	-	0.15	< 0.05	< 0.01	-	< 0.05	-	-	0.02
Nitrate	mg/L		< 0.05	< 0.05	-	< 0.05	< 0.25	< 0.25	0.15	< 0.05	-	-	< 0.05	0.12	0.12	0.05
Nitrite	mg/L		0.005	0.006	-	0.007	0.005	0.004	0.003	< 0.002	-	-	0.004	0.003	0.003	0.002
Ammonia Nitrogen	mg/L	**16**	0.19	0.07	-	0.05	-	-	0.08	-	-	-	-	-	-	0.01
Total Kjeldahl Nitrogen			-	0.4	-	-	0.6	0.6	-	0.2	0.2	-	-	-	-	0.2
Total Phosphorus			0.10	0.23	-	0.25	-	-	0.07	0.05	0.10	-	-	-	-	0.02
Cyanide (mg/L)																
Total		**1.0**	-	<0.01	-	-	-	-	-	<0.01	<0.01	-	-	-	-	-
Free			-	<0.1	-	-	-	-	-	<0.1	<0.1	-	-	-	-	-

FD = Field Duplicate

- Not analyzed

Table 2
Groundwater Quality Results
Agnico-Eagle Mines Ltd
Meadowbank Division

				Intermediate Volcaniclastic		Method Detection Limit	Iron Formation Rock						Intermediate Volcanic Rock				Intermediate Volcanic			Method Detection Limit
				Second Portage Lake Arm			Goose Island						North Portage			Goose Island	Second Portage Arm (tailings disposal area)			
				MW11-02			MW03-02			MW06-06			MW03-03			MW06-05	MW03-04	MW06-07		
Laboratory sample number		units	Portage Attenuation Pond Effluent Limits Maximum Average Conc.	15870	15871	28-Sep-11	9756-03	9043-01	9043-01	9043-02	12567-01	12567-02	9756-02	9045-01	9045-02		9756-01	12568-01	12568-02	27-Aug-10
Sampling date				26-Sep-11	26-Sep-11		28-Sep-03	Jul 31-04	Jul 31-04	Jul 31-04	24-Aug-06	24-Aug-06	25-Sep-03	Aug-9-04	Aug-9-04		18-Sep-03	30-Aug-06	30-Aug-06	
QA/QC					FD				Decant [a]	FD		FD			FD				FD	
FIELD-MEASURED PARAMETERS																				
Temperature		°C		8.9	-		3.5	12	-	-	12.4	-	2.2	10.3	-		3.3	5	5	-
pH		s.u.	**6.0-9.0**	8.93	-		7.68	7.19	-	-	7.59	-	8.63	7.77	-		7.67	8	8	-
Conductivity		uS/cm		445	-		660	1104	-	-	1306	-	350	627	-		370 - 450	440	440	-
LABORATORY PARAMETERS																				
pH		s.u.	**6.0-9.0**	7.19	7.40	--	7.04	7.25	-	7.34	7.33	7.29	7.83	7.96	-	-	-	7.54	7.57	-
Conductivity		uS/cm		-	-		-	1270	-	1280	1210	1200	-	640	-			281	285	0.001
Total Alkalinity	CaCO3	mg/L		104	103	2	103	41.6	-	42.9	49.9	49.9	93.8	133	-	-	-	89	89	1
Bicarbonate Alkalinity HCO3 (mg/L)				-	-		125	50.8	-	52.4	60.9	60.9	114	162	-	-	-	108	108	0.5
Carbonate Alkalinity CO3 (mg/L)				-	-		< 0.5	< 0.5	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	-	-	< 0.5	< 0.5	0.5
Hydroxide Alkalinity OH (mg/L)				-	-		< 0.5	< 0.5	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	-	-	< 0.5	< 0.5	0.5
Dissolved Sulphate	SO4	mg/L		42	41	1	263	38.4	-	38.2	65.1	56	26.6	6.2	-		63.8	4	3.76	1
Hardness CaCO3 (mg/L)*				167	165	1	290	308	-	-	345	347	136	210	-		53	106	107	1
Hardness (Total)		mg/L		-	-		316	313	292	-	326	316	144	216	-	-	-	124	128	1
Total Suspended Solids	TSS	mg/L	**15**	-	-		-	96	-	90	16	28	-	1	-	-	-	11	11	1
Total Dissolved Solids	TDS	mg/L		263	259	1			-	-	-	-	-	-	-	-	-	-	-	10
Turbidity		NTU	**15**	**55.8**	**69.3**		-	-	-	-	-	-	-	-	-	-	-	-	-	0.1
Total Metals																				
Aluminum[1]	Al	mg/L		1.810	1.23	0.002	1.07	2.31	0.37	-	0.16	0.13	0.018	0.12	-	-	-	1.08	1.06	0.03
Antimony	Sb	mg/L		-	-		<0.001	0.0003	0.0002	-	<0.001	<0.001	0.002	0.0002	-	-	-	< 0.001	< 0.001	0.001
Arsenic	As	mg/L	**0.5**	<0.0005	<0.0005	0.0005	0.002	0.0038	0.002	-	0.003	0.003	0.004	0.015	-	-	-	0.001	0.002	0.002
Barium	Ba	mg/L		0.2297	0.2097	0.0005	0.028	0.096	0.076	-	0.024	0.024	0.02	0.05	-	-	-	0.11	0.11	0.03
Beryllium	Be	mg/L		-	-		<0.001	< 0.0002	< 0.0002	-	<0.001	<0.001	<0.001	< 0.0002	-	-	-	< 0.001	< 0.001	0.001
Bismuth	Bi	mg/L		-	-		<0.001	< 0.0002	< 0.0002	-	<0.001	<0.001	<0.001	< 0.0002	-	-	-	< 0.001	< 0.001	0.001
Boron	B	mg/L		-	-		0.06	0.97	0.87	-	0.36	0.31	0.09	0.19	-	-	-	< 0.05	< 0.05	0.05
Cadmium[3]	Cd	mg/L		0.00004	<0.00002	0.00002	<0.0002	0.00018	0.0001	-	<0.0002	<0.0002	<0.0002	0.00006	-	-	-	< 0.0002	< 0.0002	0.001
Calcium	Ca	mg/L		49.7	49.2	0.03	68.3	74.7	72.5	-	89.3	86.1	28	47.7	-	-	-	34.9	36.4	0.1
Chromium[2]	Cr	mg/L		-	-		0.003	0.008	0.0012	-	<0.001	<0.001	<0.001	0.001	-	-	-	0.006	0.005	0.001
Cobalt	Co	mg/L		-	-		0.004	0.0072	0.0045	-	0.002	0.002	<0.001	0.0004	-	-	-	0.001	0.001	0.001
Copper[3]	Cu	mg/L	**0.3**	0.0320	0.0247	0.0005	0.004	0.007	0.002	-	0.001	0.005	<0.001	0.0014	-	-	-	0.011	0.011	0.003
Iron	Fe	mg/L		1.9	0.90	0.01	2.96	4.72	0.68	-	0.57	0.57	<0.05	0.46	-	-	-	1.5	1.58	0.1
Lead[3]	Pb	mg/L	**0.2**	0.0030	0.0039	0.0003	0.002	0.0035	0.0005	-	<0.001	<0.001	0.001	0.0006	-	-	-	0.001	0.001	0.001
Lithium	Li	mg/L		-	-		0.021	0.021	0.017	-	0.029	0.028	0.007	0.0092	-	-	-	0.004	0.004	0.001
Magnesium	Mg	mg/L		10.6	10.4	0.02	35.2	30.7	27	-	25	24.5	18	23.5	-	-	-	8.81	9.04	0.1
Manganese	Mn	mg/L		0.2274	0.1853	0.0005	1.04	0.517	0.417	-	0.41	0.43	0.11	0.131	-	-	-	0.073	0.074	0.003
Mercury	Hg	mg/L		0.00058	0.00064	0.00001	<0.00002	< 0.00002	< 0.00002	-	<0.00002	<0.00002	<0.00002	< 0.00002	-	-	-	< 0.00002	< 0.00002	0.0001
Molybdenum	Mo	mg/L		<0.0005	<0.0005	0.0005	0.022	0.015	0.013	-	0.0087	0.009	0.056	0.093	-	-	-	0.005	0.0048	0.0005
Nickel[3]	Ni	mg/L	**0.5**	0.0087	0.0065	0.0005	0.008	0.017	0.011	-	0.007	0.01	0.003	0.0024	-	-	-	0.005	0.005	0.001
Phosphorus	P	mg/L		-	-		0.19	0.34	0.09	-	1.2	1.2	0.07	0.08	-	-	-	0.4	0.4	0.01
Potassium	K	mg/L		1.9	2.0	0.05	5.94	7.8	6.9	-	6.7	6.5	3.51	2.65	-	-	-	2.7	2.8	0.1
Selenium	Se	mg/L		<0.001	<0.001	0.001	<0.001	< 0.0002	< 0.0002	-	<0.001	<0.001	<0.001	< 0.0002	-	-	-	< 0.001	< 0.001	0.001
Silicon	SiO2	mg/L		-	-		10.7	13.8	7.57	-	4.7	4.6	3.78	5.96	-	-	-	5	5	0.05
Silver	Ag	mg/L		0.0006	0.0002	0.0002	<0.0001	0.00067	0.00016	-	<0.00025	<0.00025	<0.0001	0.0001	-	-	-	0.0009	0.0009	0.00010
Sodium	Na	mg/L		10.5	10.3	0.05	6.81	91.9	84.9	-	59	55.9	17.6	33.6	-	-	-	8.85	9.12	0.05
Strontium	Sr	mg/L		-	-		0.26	0.759	0.691	-	0.75	0.72	0.26	0.581	-	-	-	0.23	0.24	0.001
Tellurium	Te	mg/L		-	-		<0.001	< 0.0002	< 0.0002	-	<0.001	<0.001	<0.001	< 0.0002	-	-	-	< 0.001	< 0.001	0.001
Thallium	Tl	mg/L		<0.005	<0.005	0.005	<0.0001	0.00006	< 0.00002	-	<0.0001	<0.0001	<0.0001	< 0.00002	-	-	-	< 0.0001	< 0.0001	0.01
Thorium	Th	mg/L		-	-		0.0007	< 0.0001	< 0.0001	-	<0.0005	<0.0005	<0.0005	< 0.0001	-	-	-	< 0.0005	< 0.0005	0.0005
Tin	Sn	mg/L		-	-		<0.001	0.0003	< 0.0002	-	<0.001	<0.001	<0.001	< 0.0002	-	-	-	< 0.001	< 0.001	0.001
Titanium	Ti	mg/L		-	-		0.063	0.158	0.02	-	0.005	0.005	<0.001	0.0045	-	-	-	0.032	0.031	0.001
Uranium	U	mg/L		-	-		0.0084	0.002	0.0013	-	0.0018	0.0018	0.012	0.0088	-	-	-	0.0095	0.0097	0.0005
Vanadium	V	mg/L		-	-		0.002	0.0039	0.0006	-	0.002	0.002	<0.001	0.0002	-	-	-	0.002	0.002	0.001
Zinc	Zn	mg/L	**0.5**	0.024	0.019	0.001	0.014	0.042	0.015	-	<0.005	<0.005	<0.005	0.006	-	-	-	0.006	0.006	0.005
Zirconium	Zr			-	-		<0.0010	< 0.002	< 0.002	-	<0.01	<0.01	<0.0010	< 0.002	-	-	-	< 0.01	< 0.01	0.001

FD = Field Duplicate
- Not analyzed

Table 2
Groundwater Quality Results
Agnico-Eagle Mines Ltd
Meadowbank Division

				Intermediate Volcaniclastic			Iron Formation Rock						Intermediate Volcanic Rock				Intermediate Volcanic			
				Second Portage Lake Arm		Method Detection Limit	Goose Island						North Portage			Goose Island	Second Portage Arm (tailings disposal area)			Method Detection Limit
				MW11-02			MW03-02				MW06-06		MW03-03			MW06-05	MW03-04	MW06-07		
Laboratory sample number		units	Portage Attenuation Pond Effluent Limits Maximum Average Conc.	15870	15871		9756-03	9043-01	9043-01	9043-02	12567-01	12567-02	9756-02	9045-01	9045-02		9756-01	12568-01	12568-02	
Sampling date				26-Sep-11	26-Sep-11	28-Sep-11	28-Sep-03	Jul 31-04	Jul 31-04	Jul 31-04	24-Aug-06	24-Aug-06	25-Sep-03	Aug-9-04	Aug-9-04		18-Sep-03	30-Aug-06	30-Aug-06	27-Aug-10
QA/QC					FD				Decant [9]	FD		FD			FD				FD	
Dissolved Metals																				
Aluminum	Al	mg/L		<0.01	<0.01	0.01	0.47	0.019	-	-	<0.005	<0.005	0.018	0.006	-	-	0.72	0.04	0.042	0.03
Antimony	Sb			-	-		<0.001	0.0003	-	-	<0.001	<0.001	0.002	< 0.0002	-	-	0.001	< 0.001	< 0.001	0.001
Arsenic	As	mg/L	**0.3**	<0.005	<0.005	0.005	0.002	0.002	-	-	0.002	0.002	0.004	0.013	-	-	0.007	< 0.001	0.0010	0.0020
Barium	Ba	mg/L		0.160	0.167	0.005	0.023	0.086	-	-	0.018	0.019	0.018	0.048	-	-	0.03	0.086	0.086	0.03
Beryllium	Be	mg/L		-	-		<0.001	< 0.0002	-	-	<0.001	<0.001	<0.001	< 0.0002	-	-	<0.001	< 0.001	< 0.001	0.001
Bismuth	Bi	mg/L		-	-		<0.001	< 0.0002	-	-	<0.001	<0.001	<0.001	< 0.0002	-	-	<0.001	< 0.001	< 0.001	0.001
Boron	B	mg/L		-	-		0.06	0.94	-	-	0.37	0.44	0.08	0.17	-	-	<0.05	< 0.05	< 0.05	0.05
Cadmium	Cd	mg/L	**0.002**	<0.005	<0.005	0.005	<0.0002	0.00016	-	-	<0.0002	<0.0002	<0.0002	0.00004	-	-	<0.0002	< 0.0002	< 0.0002	0.0002
Calcium	Ca	mg/L		42.8	43.4	0.05	63.1	73.5	-	-	87.1	85.3	26.3	47.1	-	-	15	31	31.5	0.05
Chromium[2]	Cr	mg/L		-	-		0.001	0.0004	-	-	<0.001	<0.001	<0.001	0.0003	-	-	<0.001	< 0.001	< 0.001	0.001
Cobalt	Co	mg/L		-	-		0.004	0.0060	-	-	<0.001	<0.001	<0.001	0.0003	-	-	0.003	< 0.001	< 0.001	0.0010
Copper	Cu	mg/L	**0.1**	0.008	0.010	0.005	0.004	0.0014	-	-	0.001	<0.001	<0.001	0.0002	-	-	0.006	0.005	0.008	0.001
Iron	Fe	mg/L		<0.05	<0.05	0.05	1.91	0.05	-	-	<0.05	<0.05	<0.05	< 0.01	-	-	0.55	< 0.05	0.05	0.1
Lead	Pb	mg/L	**0.1**	<0.005	<0.005	0.005	0.001	< 0.0002	-	-	<0.001	<0.001	<0.001	< 0.0002	-	-	0.006	< 0.001	< 0.001	0.001
Lithium	Li	mg/L		-	-		0.019	0.016	-	-	0.028	0.025	0.007	0.0081	-	-	0.015	0.002	0.002	0.001
Magnesium	Mg	mg/L		7.7	8.0	0.05	32.1	30.2	-	-	24.0	23.6	17.1	22.4	-	-	3.81	6.83	6.92	0.05
Manganese	Mn	mg/L		0.145	0.148	0.005	0.96	0.492	-	-	0.006	0.003	0.1	0.130	-	-	0.049	0.032	0.032	0.001
Mercury	Hg	mg/L		0.0011	0.0010	0.0005	<0.00002	< 0.02	-	-	<0.00002	<0.00002	<0.00002	< 0.02	-	-	<0.00002	< 0.00002	< 0.00002	0.0001
Molybdenum	Mo	mg/L		<0.005	<0.005	0.005	0.018	0.014	-	-	0.0081	0.0069	0.052	0.09	-	-	0.024	0.004	0.0042	0.030
Nickel	Ni	mg/L	**0.2**	<0.005	<0.005	0.005	0.007	0.012	-	-	0.005	0.004	0.003	0.0018	-	-	0.003	0.002	0.002	0.01
Phosphorus	P	mg/L		-	-		0.16	< 0.03	-	-	0.9	0.8	0.07	< 0.03	-	-	5.58	0.3	0.3	0.01
Potassium	K	mg/L		1.3	1.4	0.05	5.36	7.43	-	-	6.6	5.8	3.33	2.64	-	-	5.44	2.3	2.3	0.1
Selenium	Se	mg/L		<0.005	<0.005	0.005	<0.001	< 0.0002	-	-	<0.001	<0.001	<0.001	< 0.0002	-	-	<0.001	< 0.001	< 0.001	0.001
Silicon	SiO2	mg/L		-	-		7.98	5.88	-	-	4.1	3.8	3.62	5.70	-	-	10.2	2.70	2.70	0.05
Silver	Ag	mg/L		<0.005	<0.005	0.005	<0.0001	< 0.00005	-	-	<0.00025	<0.00025	<0.0001	< 0.00005	-	-	<0.0001	< 0.00025	< 0.00025	0.0003
Sodium	Na	mg/L		7.6	7.9	0.05	6.29	89.5	-	-	58.2	55.9	16.5	32.0	-	-	52.9	7.7	7.8	0.0
Strontium	Sr	mg/L		-	-		0.24	0.736	-	-	0.72	0.76	0.24	0.556	-	-	0.14	0.2	0.2	0.001
Tellurium	Te	mg/L		-	-		<0.001	< 0.0002	-	-	<0.001	<0.001	<0.001	< 0.0002	-	-	<0.001	< 0.001	< 0.001	0.001
Thallium	Tl	mg/L		<0.01	<0.01	0.01	<0.0001	< 0.00002	-	-	<0.0001	<0.0001	<0.0001	< 0.00002	-	-	<0.0001	< 0.0001	< 0.0001	0.01
Thorium	Th	mg/L		-	-		<0.0005	< 0.0001	-	-	<0.0005	<0.0005	<0.0005	< 0.0001	-	-	<0.0005	< 0.0005	< 0.0005	0.0005
Tin	Sn	mg/L		-	-		<0.001	< 0.0002	-	-	<0.001	<0.001	<0.001	< 0.0002	-	-	<0.001	< 0.001	< 0.001	0.001
Titanium	Ti	mg/L		-	-		0.024	0.0008	-	-	<0.001	<0.001	<0.001	0.0003	-	-	0.003	< 0.001	< 0.001	0.001
Uranium	U	mg/L		-	-		0.0077	0.0013	-	-	0.0016	0.0014	0.012	0.0087	-	-	0.013	0.008	0.008	0.0005
Vanadium	V	mg/L		-	-		<0.001	< 0.0002	-	-	0.001	0.001	<0.001	< 0.0002	-	-	<0.001	< 0.001	< 0.001	0.001
Zinc	Zn	mg/L	**0.4**	<0.005	0.013	0.005	0.012	0.029	-	-	<0.005	<0.005	<0.005	0.004	-	-	0.022	< 0.005	< 0.005	0.005
Zirconium	Zr	mg/L		-	-		<0.0010	< 0.002	-	-	<0.01	<0.01	<0.0010	< 0.002	-	-	<0.0010	< 0.01	< 0.01	0.001
Anions																				
Fluoride	F	mg/L		0.13	0.18	0.02	0.35	0.6	-	0.57	0.55	0.63	0.46	0.38	-	-	0.34	0.2	0.11	0.1
Chloride	Cl	mg/L	**1000**	20.9	20.7	0.5	5.4	251	-	259	304	331	50.4	121	-	-	13.4	33.3	33.5	0.05
Nutrients																				
Nitrate and Nitrite	NO3 + NO2	mg/L	**20***	1.72	1.73		< 0.05	< 0.05	-	< 0.05	-	-	0.15	< 0.05	< 0.01	-	< 0.05	-	-	0.02
Nitrate	NO3	mg/L		1.70	1.70	0.01	< 0.05	< 0.05	-	< 0.05	< 0.25	< 0.25	0.15	< 0.05	-	-	< 0.05	0.12	0.12	0.05
Nitrite	NO2	mg/L		0.02	0.03	0.01	0.005	0.006	-	0.007	0.005	0.004	0.003	< 0.002	-	-	0.004	0.003	0.003	0.002
Ammonia Nitrogen	N	mg/L	**16**	0.17	0.2	0.05	0.19	0.07	-	0.05	-	-	0.08	-	-	-	-	-	-	0.1
Total Kjeldahl Nitrogen	N			-	-		-	0.4	-	-	0.6	0.6	-	0.2	0.2	-	-	-	-	0.2
Total Phosphorus	P			-	-		0.10	0.23	-	0.25	-	-	0.07	0.05	0.10	-	-	-	-	0.02
Cyanide (mg/L)																				
Weak Acid Dissociable Cyanide (CN-)		mg/L		<0.005	-	0.005	-		-	-	-	-	-	-	-	-	-	-	-	-
Total	CN		**1.0**	<0.005	-	0.005	-	<0.01	-	-	-	-	-	<0.01	<0.01	-	-	-	-	-
Free	CN			<0.005	-	0.005	-	<0.1	-	-	-	-	-	<0.1	<0.1	-	-	-	-	-

FD = Field Duplicate
- Not analyzed

Table 2
Groundwater Quality Results
Agnico-Eagle Mines Ltd
Meadowbank Division

				Intermediate Volcanic												
				Second Portage Lake									Method Detection Limit			Method Detection Limit
				MW08-02										MW08-03		
Laboratory sample number		units	Portage Attenuation Pond Effluent Limits[1] Maximum Average Conc.	F59984	F59995	147144	147172	147172	L56096	L56473	15816	15817	28-Sep-11	F66637	F68088	9/1/2010
Sampling date				8-Sep-08	8-Sep-08	29-Aug-09	29-Aug-09	29-Aug-09	1-Sep-10	1-Sep-10	21-Sep-11	21-Sep-11		14-Sep-08	14-Sep-08	
QA/QC					FD		FD	Lab Dup		FD					FD	
FIELD-MEASURED PARAMETERS																
Temperature		°C		7.3	-	4.6	-	-	9.2	-	8.6	-		5.0	-	
pH		s.u.	**6.0 - 9.0**	7.1	-	7.8	-	-	7.9	-	8.05	-		7.1	-	
Conductivity		uS/cm		808	-	616	-	-	690	-	905	-		366	-	
LABORATORY PARAMETERS																
pH		s.u.	**6.0 - 9.0**	8.0	8.1	8.0	8.0	-	7.7	7.8	7.22	7.39	--	8.1	8.2	-
Conductivity		uS/cm		-	-	700	710	-	-	-				490	480	0.001
Total Alkalinity	as $CaCO_3$	mg/L		76	76	76	76	-	80	80	76	76	2	60	59	2
Bicarbonate Alkalinity HCO3 (mg/L)		mg/L		76	76									-	-	
Carbonate Alkalinity CO3 (mg/L)		mg/L		<2	<2									-	-	
Dissolved Sulphate	SO_4	mg/L		2.5	2.0	3.0	2.9	3.0	-	-				56	51	0.2
Hardness (Total)	as $CaCO_3$	mg/L		240	230	240	850	-	220	220	317	305	1	180	180	1
Sulphate	SO4	mg SO4/L									4	8	1			
Total Suspended Solids	TSS	mg/L	**15**	-	-	-	-	-	-	-				56	54	2
Total Dissolved Solids	TDS	mg/L		500	520	530	510	-	450	490				-	-	10
Turbidity		NTU	**15**	2.4	2.4	2.2	2.2	-	4	3.9	3.2	2.3		70	69	0.1
Total Metals (mg/L)																
Aluminum	Al	mg/L	**1.5**	-	-	-	-	-	<0.03	<0.03	0.030	<0.006	0.002	-	-	0.03
Antimony	Sb	mg/L		-	-	-	-	-	<0.006	<0.006				-	-	0.006
Arsenic	As	mg/L	**0.3**	-	-	-	-	-	0.003	0.003	0.0023	0.0020	0.0005	-	-	0.002
Barium	Ba	mg/L		-	-	-	-	-	0.03	0.04	0.0430	0.0370	0.0005	-	-	0.03
Cadmium	Cd	mg/L	**0.002**	-	-	-	-	-	<0.001	<0.001	<0.00002	<0.00002	0.00002	-	-	0.001
Calcium	Ca	mg/L		-	-	-	-	-	45	45	63.1	54.2	0.03	-	-	1
Chromium	Cr	mg/L		-	-	-	-	-	0.03	<0.03				-	-	0.03
Cobalt	Co	mg/L		-	-	-	-	-	<0.03	<0.03				-	-	0.03
Copper	Cu	mg/L	**0.1**	-	-	-	-	-	<0.003	<0.003	0.0014	0.0008	0.0005	-	-	0.003
Iron	Fe	mg/L		-	-	-	-	-	-	-	<1.40	1.4	0.01	-	-	
Lead	Pb	mg/L	**0.1**	-	-	-	-	-	<0.001	<0.001	<0.0003	<0.0003	0.0003	-	-	0.001
Magnesium	Mg	mg/L		-	-	-	-	-	26	26	38.9	38.0	0.02	-	-	1
Manganese	Mn	mg/L		-	-	-	-	-	0.042	0.044	0.1338	0.1213	0.0005	-	-	0.003
Mercury	Hg	mg/L	**0.0004**	-	-	-	-	-	<0.0001	<0.0001	0.00009	0.0001	0.00001	-	-	0.001
Molybdenum	Mo	mg/L		-	-	-	-	-	0.05	0.05	0.0016	<0.0005	0.0005	-	-	0.03
Nickel	Ni	mg/L	**0.2**	-	-	-	-	-	0.01	<0.01	0.0046	0.0037	0.0005	-	-	0.01
Potassium	K	mg/L		-	-	-	-	-	-	-	2.1	2.0	0.05	-	-	
Selenium	Se	mg/L		-	-	-	-	-	<0.001	<0.001	<0.005	0.005	0.001	-	-	0.001
Silver	Ag	mg/L		-	-	-	-	-	<0.0003	<0.0003	<0.0002	<0.0002	0.0002	-	-	0.0003
Sodium	Na	mg/L		-	-	-	-	-	32	32	43.3	48.8	0.05	-	-	0.03
Thallium	Tl			-	-	-	-	-	-	-	<0.005	<0.005	0.005	-	-	
Zinc	Zn	mg/L	**0.4**	-	-	-	-	-	0.01	0.01	0.010	0.375	0.001	-	-	0.005

FD = Field duplicate
- Not analyzed

Table 2
Groundwater Quality Results
Agnico-Eagle Mines Ltd
Meadowbank Division

				Intermediate Volcanic									Method Detection Limit			Method Detection Limit
				Second Portage Lake												
				MW08-02										MW08-03		
Laboratory sample number		units	Portage Attenuation Pond Effluent Limits[1] Maximum Average Conc.	F59984	F59995	147144	147172	147172	L56096	L56473	15816	15817		F66637	F68088	
Sampling date				8-Sep-08	8-Sep-08	29-Aug-09	29-Aug-09	29-Aug-09	1-Sep-10	1-Sep-10	21-Sep-11	21-Sep-11	28-Sep-11	14-Sep-08	14-Sep-08	9/1/2010
QA/QC					FD		FD	Lab Dup		FD					FD	
Dissolved Metals (mg/L)																
Aluminum	Al	mg/L	**1.5**	0.0046	0.00487	<0.03	<0.03	-	-	-	<0.01	<0.01	0.01	0.0046	0.0041	0.03
Arsenic	As	mg/L	**0.3**	0.0035	0.0035	0.003	<0.002	-	-	-	<0.005	<0.005	0.005	<0.001	<0.001	0.002/0.001
Barium	Ba	mg/L		0.045	0.043	0.04	<0.03	-	-	-	0.0410	0.0410	0.005	0.033	0.034	0.030
Cadmium	Cd	mg/L	**0.002**	<0.0002	<0.0002	<0.001	<0.001	-	-	-	<0.005	<0.005	0.0050	<0.0002	<0.0002	0.001/0.0002
Calcium	Ca	mg/L		50	48	51	340	-	-	-	59.9	61	0.05	46	46	1
Copper	Cu	mg/L	**0.1**	0.00056	0.0011	<0.003	<0.003	-	-	-	<0.005	<0.005	0.005	0.003	0.0039	0.003
Iron	Fe	mg/L		<0.03	<0.03	<0.1	<0.1	-	-	-	<0.05	<0.05	0.05	<0.03	<0.03	0.03
Lead	Pb	mg/L	**0.1**	<0.0001	0.00027	<0.001	<0.001	-	-	-	<0.005	<0.005	0.0050	0.00056	0.00027	0.0001/0.001
Magnesium	Mg	mg/L		27	27	27	<1	-	-	-	<35.60	35.5	0.05	17	16	1
Manganese	Mn	mg/L		0.030	0.031	<0.003	<0.003	-	-	-	0.107	0.110	0.005	0.32	0.32	0.003
Mercury	Hg	mg/L	**0.0004**	<0.00001	<0.00001	<0.0001	<0.0001	-	-	-	<0.0005	<0.0005	0.0005	<0.00001	<0.00001	0.00001/0.0001
Molybdenum	Mo	mg/L		0.026	0.025	0.07	0.04	-	-	-	<0.005	<0.005	0.0050	0.14	0.14	0.0005/0.03
Nickel	Ni	mg/L	**0.2**	0.019	0.019	<0.01	<0.01	-	-	-	<0.005	<0.005	0.005	<0.001	0.0017	0.01/0.001
Potassium	K	mg/L		1.8	1.5	2.0	1.3	-	-	-	2.3	2.4	0.05	4.4	4.5	0.1
Selenium	Se	mg/L		<0.001	<0.001	<0.001	<0.001	-	-	-	0.005	0.005	0.005	<0.001	<0.001	0.001
Silver	Ag	mg/L		<0.0001	<0.0001	<0.0003	<0.0003	-	-	-	<0.005	<0.005	0.0050	<0.0001	<0.0001	0.0001/0.0003
Sodium	Na	mg/L		-	-	36	24	-	-	-	44.0	44.2	0.05	-	-	0.03
Thallium	Tl	mg/L		<0.002	<0.002	<0.01	<0.01	-	-	-	<0.01	<0.01	0.01	<0.002	<0.002	0.002
Zinc	Zn	mg/L	**0.4**	0.014	0.014	0.005	<0.003	-	-	-	<0.005	0.013	0.005	0.004	0.0035	0.005
Anions (mg/L)																
Fluoride	F	mg/L		0.2	0.2	0.3	0.3	-	0.3	0.3	0.32	0.33	0.02	0.3	0.3	0.1
Chloride	Cl	mg/L	**1000**	160	180	160	160	180	160	160	169	165	0.5	3.3	3.6	0.05
Nutrients (mg/L)																
Nitrate and Nitrite	NO3 + NO2	mg/L		<0.1	<0.1	<0.04	<0.04	<0.04	-	-	0.01	<0.01		27	27	0.4
Nitrate	NO3	mg/L	**20**	-	-	<0.02	<0.02	<0.02	-	-	0.01	<0.01	0.01	26	26	0.4
Nitrite	NO2	mg/L		<0.1	<0.1	<0.02	<0.02	<0.02	-	-	<0.01	<0.01	0.01	1.1	1.2	0.02
Ammonia	N	mg/L	**16**	<0.05	0.05	0.05	0.05	-	0.06	0.06	0.08	0.07	0.05	2.0	2.0	0.02

FD = Field duplicate
- Not analyzed

Table 4
QA/QC of Groundwater Quality Results
Agnico-Eagle Mines Ltd.
Meadowbank Division

			Intermediate Volcanic Second Portage Lake MW08-02					Intermediate Volcanic Goose Island MW011-01					Intermediate Volcanic Second Portage Lake Arm MW011-02						
Laboratory sample number			15816	15817	Method Dection Limit	5 x Method Detection Limit	RPD	15979	15980	Method Detection	5 x Method Detection Limit	RDP	15870	15871	Method Detection	5 x Method Detection Limit	RDP	Field Blank	Travel Blank
Sampling date		units	21-Sep-11	21-Sep-11				29-Sep-11	29-Sep-11				26-Sep-11	26-Sep-11				29-Sep-11	9-Sep-11
QA/QC				FD					FD					FD					
LABORATORY PARAMETERS																			
pH		s.u.	7.22	7.39	--	--	2%	8.11	8.93	--	--	10%	7.19	7.40	-	--	3%	--	--
Weak Acid Dissociable Cyanide (CN-)		mg/L	--	--	0.005	0.025	--	<0.005	---	0.005	0.025	--	<0.005	-	0.005	0.025	--	--	--
Total Cyanide (CN)		mg/L	--	--	0.005	0.025	--	<0.005	---	0.005	0.025	--	<0.005	-	0.005	0.025	--	--	--
Total Alkalinity	CaCO3	mg/L	76	76	2	10	0%	23	37	2	10	47%	104	103	2	10	1%	--	--
Sulphate	SO4	mg/L	4	8	1	5	not +/-MDL	29	30	1	5	3%	42	41	1	5	2%	--	--
Dissolved Solids	DS	mg/L	523	527	1	5	1%	14840	14620	1	5	1%	263	259	1	5	--	--	--
Hardness (Total)	as $CaCO_3$	mg/L	317	305	1.00	5	4%	13264	14759	1	5	11%	167	165	1	5	1%	--	--
Turbidity		NTU	3.2	2.3	0.1	0.5	33%	18.1	25.7	0.1	0.5	35%	55.8	69.3	0.1	0.5	22%	--	--
Total Metals																			
Aluminum[1]	Al	mg/L	0.030	<0.006	0.002	0.01	--	0.248	0.256	0.002	0.01	3%	1.810	1.23	0.002	0.01	32%	<0.006	---
Arsenic	As	mg/L	0.0023	0.002	0.0005	0.003	n/a	0.128	0.142	0.0005	0.003	10%	<0.0005	<0.0005	0.0005	0.003	--	<0.0005	---
Barium	Ba	mg/L	0.043	0.037	0.0005	0.003	15%	0.1484	0.1991	0.0005	0.003	29%	0.2297	0.2097	0.0005	0.003	9%	<0.0005	---
Cadmium[3]	Cd	mg/L	<0.00002	<0.00002	0.00002	0.0001	--	<0.00002	0.00009	0.00002	0.0001	--	0.00004	<0.00002	0.00002	0.0001	--	<0.00002	---
Calcium	Ca	mg/L	63.1	54.2	0.03	0.15	15%	5263	5857	0.03	0.15	11%	49.7	49.2	0.03	0.15	1%	1.5	---
Copper[3]	Cu	mg/L	0.0014	0.0008	0.0005	0.003	+/- MDL	0.0237	0.0357	0.0005	0.003	40%	0.0320	0.0247	0.0005	0.003	26%	0.0017	---
Iron	Fe	mg/L	1.4	1.40	0.01	0.05	0%	1.3	1.9	0.01	0.05	38%	1.9	0.90	0.01	0.05	71%	0.07	---
Lead[3]	Pb	mg/L	<0.0003	<0.0003	0.0003	0.002	--	<0.0003	0.0031	0.0003	0.002	--	0.0030	0.0039	0.0003	0.002	26%	<0.0003	---
Magnesium	Mg	mg/L	38.9	38	0.02	0.1	2%	29.9	32.6	0.02	0.1	9%	10.6	10.4	0.02	0.1	2%	<0.02	---
Manganese	Mn	mg/L	0.1338	0.1213	0.0005	0.003	10%	0.0433	0.05	0.0005	0.003	14%	0.2274	0.1853	0.0005	0.003	20%	0.0012	---
Mercury	Hg	mg/L	0.00009	0.0001	0.00001	0.0001	+/- MDL	0.00073	0.00077	0.00001	0.0001	5%	0.00058	0.00064	0.00001	0.0001	10%	<0.00001	---
Molybdenum	Mo	mg/L	0.0016	<0.0005	0.0005	0.003	--	<0.0005	<0.0005	0.0005	0.003	--	<0.0005	<0.0005	0.0005	0.003	--	<0.0005	---
Nickel[3]	Ni	mg/L	0.0046	0.0037	0.0005	0.003	22%	0.2109	0.2269	0.0005	0.003	7%	0.0087	0.0065	0.0005	0.003	29%	0.0015	---
Potassium	K	mg/L	2.1	2.0	0.05	0.25	5%	201	225	0.05	0.25	11%	1.9	2.0	0.05	0.25	5%	0.08	---
Selenium	Se	mg/L	0.005	0.005	0.001	0.005	0%	0.564	0.594	0.001	0.005	5%	<0.001	<0.001	0.001	0.005	--	<0.001	---
Silver	Ag	mg/L	<0.0002	<0.0002	0.0002	0.001	--	0.0123	0.0146	0.0002	0.001	17%	0.0006	0.0002	0.0002	0.001	+/- MDL	<0.0002	---
Sodium	Na	mg/L	43.3	48.8	0.05	0.25	12%	344	550	0.05	0.25	46%	10.5	10.3	0.05	0.25	2%	0.33	---
Thallium	Tl	mg/L	--	--	0.005	0.025	--	<0.005	<0.005	0.005	0.025	--	<0.005	<0.005	0.005	0.025	--	<0.005	---
Zinc	Zn	mg/L	0.01	0.375	0.001	0.005	190%	0.038	0.091	0.001	0.005	82%	0.024	0.019	0.001	0.005	23%	0.035	---
Dissolved Metals																			
Aluminum	Al	mg/L	<0.01	<0.01	0.01	0.05	--	0.15	0.01	0.01	0.05	not +/-MDL	<0.01	<0.01	0.01	0.05	--	<0.01	<0.01
Arsenic	As	mg/L	<0.005	<0.005	0.005	0.025	--	0.137	0.13	0.005	0.025	5%	<0.005	<0.005	0.005	0.025	--	<0.005	<0.005
Barium	Ba	mg/L	0.041	0.041	0.005	0.025	0%	0.13	0.136	0.005	0.025	5%	0.160	0.167	0.005	0.025	4%	<0.005	<0.005
Cadmium	Cd	mg/L	<0.005	<0.005	0.005	0.025	--	<0.005	<0.005	0.005	0.025	--	<0.005	<0.005	0.005	0.025	--	<0.005	<0.005
Calcium	Ca	mg/L	59.9	61	0.05	0.25	2%	5136	5099	0.05	0.25	1%	42.8	43.4	0.05	0.25	1%	0.56	0.05
Copper	Cu	mg/L	<0.005	<0.005	0.005	0.025	--	0.021	0.015	0.005	0.025	+/- MDL	0.008	0.010	0.005	0.025	+/- MDL	<0.005	<0.005
Iron	Fe	mg/L	<0.05	<0.05	0.05	0.25	--	1.3	0.97	0.05	0.25	29%	<0.05	<0.05	0.05	0.25	--	<0.05	<0.05
Lead	Pb	mg/L	<0.005	<0.005	0.005	0.025	--	<0.005	<0.005	0.005	0.025	--	<0.005	<0.005	0.005	0.025	--	0.021	<0.005
Magnesium	Mg	mg/L	35.6	35.5	0.05	0.25	0%	22.5	25.8	0.05	0.25	14%	7.7	8.0	0.05	0.25	4%	<0.05	<0.05
Manganese	Mn	mg/L	0.107	0.11	0.005	0.025	3%	0.029	0.029	0.005	0.025	0%	0.145	0.148	0.005	0.025	2%	<0.005	<0.005
Mercury	Hg	mg/L	<0.0005	<0.0005	0.0005	0.003	--	0.0006	0.0006	0.0005	0.003	0%	0.0011	0.0010	0.0005	0.003	+/- MDL	<0.0005	<0.0005
Molybdenum	Mo	mg/L	<0.005	<0.005	0.005	0.025	--	<0.005	<0.005	0.005	0.025	--	<0.005	<0.005	0.005	0.025	--	<0.005	<0.005
Nickel	Ni	mg/L	<0.005	<0.005	0.005	0.025	--	0.179	0.171	0.005	0.025	5%	<0.005	<0.005	0.005	0.025	--	<0.005	<0.005
Potassium	K	mg/L	2.3	2.4	0.05	0.25	4%	183	192	0.05	0.25	5%	1.3	1.4	0.05	0.25	7%	<0.05	<0.05
Selenium	Se	mg/L	0.005	0.005	0.005	0.025	+/- MDL	0.637	0.606	0.005	0.025	5%	<0.005	<0.005	0.005	0.025	--	<0.005	<0.005
Silver	Ag	mg/L	<0.005	<0.005	0.005	0.025	--	<0.005	<0.005	0.005	0.025	--	<0.005	<0.005	0.005	0.025	--	<0.005	<0.005
Sodium	Na	mg/L	44	44.2	0.05	0.25	0%	283	338	0.05	0.25	18%	7.6	7.9	0.05	0.25	4%	0.10	<0.05
Thallium	Tl	mg/L	<0.01	<0.01	0.01	0.05	--	<0.01	<0.01	0.01	0.05	--	<0.01	<0.01	0.01	0.05	--	<0.01	<0.01
Zinc	Zn	mg/L	<0.005	0.013	0.005	0.025	--	0.02	0.013	0.005	0.025	+/- MDL	<0.005	0.013	0.005	0.025	--	0.009	0.010
Anions																			
Fluoride	F	mg/L	0.32	0.33	0.02	0.1	3%	0.55	0.62	0.02	0.1	12%	0.13	0.18	0.02	0.1	32%	--	--
Chloride	Cl	mg/L	169	165	0.5	2.5	2%	10271	9859	0.5	2.5	4%	20.9	20.7	0.5	2.5	1%	--	--
Nutrients																			
Nitrate	NO3	mg/L	0.01	<0.01	0.01	0.05	--	0.28	0.29	0.01	0.05	4%	1.7	1.7	0.01	0.05	0%	--	--
Nitrite	NO2	mg/L	<0.01	<0.01	0.01	0.05	--	<0.01	<0.01	0.01	0.05	--	0.02	0.03	0.01	0.05	+/- MDL	--	--
Ammonium	N	mg N/L	0.08	0.07	0.05	0.25	+/- MDL	0.07	0.27	0.05	0.25	not +/-MDL	0.17	0.20	0.05	0.25	+/- MDL	--	--

Notes:
Concentrations are mg/L unless otherwise noted.
[1] Part F item 2 of Meadowbank Water License. All regulated parameters for total concentration
RPD value exceeds 20%
FD = Field duplicate
RPD = relative percent difference
-- not calculated (one or both result below MDL)

APPENDIX A
Borehole Logs

DRILL HOLE REPORT
AGNICO-EAGLE MINES LIMITED

Sep 29, 2011

Hole Name: **MW-11-02** Units: METRIC

Project Name: PORTAGE
Project Number: PORTAGE
No. Claim:
Localisation: Surface
Date Started: Sep 22, 2011
Date Completed: Sep 23, 2011
Date Logged: Sep 26, 2011

Collar Survey: Y
Multishot Survey: N
Pulse EM Survey: N
Core Size: HQ
Casing: Pulled
Cimented: N

Depth: 81.00
Start Depth: 0
Final Depth: 81.00
Core Storage: Mine Site
Contractor: Forage Orbit Garant
Logged by: mbbdechavigny
Signature:

Primary Coordinates:	RTAGE:
North:	6983.3
East:	645.3
Elevation:	5128.7
Collar Dip:	-80.0

Calculated Coordinates:	UTM:
North:	
East:	
Elevation:	

Comments: BH monitoring well. UTMN 7214802, UTME 638125E in NAD 83 Zone 14

Assays Averages

Detailed Lithology			Assay					
From	To	Lithology	Sample	From	To	Au (g/t)	Ag (g/t)	Sg (Kgm3)
0.0	**3.1**	**MT, Mort terrain**						

Hole Name: **MW-11-02** Units: METRIC

Detailed Lithology

From	To	Lithology
3.1	**81.0**	**V9i, TUF INTERMÉDIAIRE** Inmtermediate volcaniclastic. Grey-green to grey green-brownish to yellowish in color. Fine to medium grained. Tuffaceous in texture, numerous alongated clasts and fragments. Altered in chlorite, minor biotite, and rarely epidote close to qv. Locally sericitised and frequently carbonated (Fe). Numerous little quartz-chlorite-carbonate (Fe) assemblage veins or veinlets. Locally brechiated with fragmental aspects. Numerous rusty zone like weathering. Foliated between 45-70 dtca. Mineralisation consist in fine disseminated Py from trace to locally 1 %. RQD is generaly good between 70-85 %. Locally bad 20-30 % **Texture** 3.1 - 81.0 : TU **Mineralization** 3.1 - 81.0 : PY, Dissiminée Trace Py diss. **Alteration** 3.1 - 81.0 : AK+, Pénétrative, Faible 3.1 - 81.0 : BO+, Pénétrative, Faible 3.1 - 81.0 : CB+, Pénétrative, Moyen 3.1 - 81.0 : CL+, Massive, Moyen 5.0 - 7.5 : AK+, Rubanée, Fort 13.0 - 13.3 : EP+, Rubanée, Moyen Quartz veins 23.4 - 26.0 : AK+, Rubanée, Moyen 45.5 - 48.0 : AK+, Rubanée, Moyen 62.8 - 63.5 : AK+, Rubanée, Fort 65.0 - 67.0 : AK+, Rubanée, Moyen 67.0 - 78.0 : AK+, Rubanée, Moyen **Veins** 13.0 - 13.3 : QZCL, 70.00°, PY Epidote alteration. Trace Py diss. 41.2 - 41.4 : QZCBCL, 75.00°, PY Ankerite and trace Py diss. 44.0 - 44.2 : QC, 80.00°, PY Ankerite and trace Py diss.

Assay

Sample	From	To	Au (g/t)	Ag (g/t)	Sg (Kgm3)

DRILL HOLE REPORT
AGNICO-EAGLE MINES LIMITED

Sep 29, 2011

Hole Name: **MW-11-02** Units: METRIC

Detailed Lithology			Assay					
From	To	Lithology	Sample	From	To	Au (g/t)	Ag (g/t)	Sg (Kgm3)
		Veins 33.2 - 33.4 : QZCBCL, 75.00°, PY Ankerite and trace Py diss. 16.1 - 16.2 : QZCL, 65.00°, PY Epidote alteration. Trace Py diss. 44.3 - 44.5 : QC, 90.00°, PY Ankerite and trace Py diss. 42.4 - 42.6 : QZCBCL, 65.00°, PY Ankerite and trace Py diss. 33.8 - 34.0 : QZCBCL, 70.00°, PY Ankerite and trace Py diss. 17.3 - 17.8 : QZCBCL, 70.00°, PY Ankerite and trace Py diss. 57.0 - 57.5 : QZCBCL, 90.00°, PY Brechiated and chloritic							

DRILL HOLE REPORT
AGNICO-EAGLE MINES LIMITED

Sep 29, 2011

Hole Name: **MW-11-B** Units: METRIC

Project Name: PORTAGE
Project Number: PORTAGE
No. Claim:
Localisation: Surface
Date Started: Sep 12, 2011
Date Completed: Sep 17, 2011
Date Logged: Sep 25, 2011

Collar Survey: Y
Multishot Survey: N
Pulse EM Survey: N
Core Size: HQ
Casing: Pulled
Cimented: N

Depth: 220.20
Start Depth: 0
Final Depth: 220.20
Core Storage: Mine Site
Contractor: Forage Orbit Garant
Logged by: mbbdechavigny
Signature:

Primary Coordinates:	ГМ83-Z1
North:	7212488.0
East:	638893.0
Elevation:	5121.0
Collar Dip:	-90.0

Calculated Coordinates:	UTM:
North:	
East:	
Elevation:	

Comments: Geotechnical Hole. Water well special project. Golder and Associates

Assays Averages

Detailed Lithology

From	To	Lithology
0.0	**3.0**	**MT, Mort terrain**

Assay

Sample	From	To	Au (g/t)	Ag (g/t)	Sg (Kgm3)

Hole Name: **MW-11-B** Units: METRIC

Detailed Lithology

From	To	Lithology
3.0	**36.3**	**IF, Formation de fer** Iron Formation. Chert to chert-oxyde IF facies. Well banded mm to cm band of oxyde and chert. Brechiated and fragmental. Contorted and micro faulted. Generaly with very low angle from 0-15 dtca. Highly chloritized, biotized and garniferous. Mineralisation consist in disseminated and little stringers of Py an Po. Well mineralized in the beginning of the hole 5-15 % Po Py diss or in stringers. The rest of the section is poor in sulphide. RQD is bad between 30-55 %. **Mineralization** 3.0 - 36.3 : PY, Dissiminée Trace-1 % Py diss or in hairline stringers. 4.5 - 5.5 : PO, Stringer, 7.00% 3-15 % Po Py in stringers. **Veins** 7.8 - 8.5 : QZCBCL , PY, 2.00% Trace-3 % Py diss in cubic form or stringers 35.7 - 36.3 : QZCBCL, 45.00°, PY, 1.00% Trace-2 % Py in spots 15.3 - 16.0 : QZCBCL , PY Trace Py diss. 18.0 - 18.3 : QZ, 35.00°, PY, 2.00% 1-3 % Py diss in spots **MINOR:** **Minor Interval:** 6.8 - 7.8 V9i Intermediate volcaniclastic rock. Dark grey green to green in color. Fine to medium grained. Highly chloritized with a good contain in biotite and garnet. Foliated at 25-35 dtca. Poor in sulphide tr Py diss. **Mineralization** 6.8 - 7.8 : PY, Dissiminée Trace Py diss. **Alteration** 6.8 - 7.8 : GR+, Pénétrative, Faible 6.8 - 7.8 : CL+, Massive, Fort 6.8 - 7.8 : BO+, Pénétrative, Moyen

Assay

Sample	From	To	Au (g/t)	Ag (g/t)	Sg (Kgm3)

Hole Name: **MW-11-B** Units: METRIC

Detailed Lithology			Assay					
From	To	Lithology	Sample	From	To	Au (g/t)	Ag (g/t)	Sg (Kgm3)
		MINOR: **Minor Interval:** 10.2 - 11.2 V9i Intermediate volcaniclastic rock. Dark grey green to green in color. Fine to medium grained. Highly chloritized with a good contain in biotite and garnet. Foliated at 30-45 dtca. Poor in sulphide tr Py diss. **Mineralization** 10.2 - 11.2 : PY, Dissiminée Trace Py diss. **Alteration** 10.2 - 11.2 : CL+, Massive, Fort 10.2 - 11.2 : BO+, Pénétrative, Moyen 10.2 - 11.2 : GR+, Pénétrative, Faible **Minor Interval:** 11.9 - 13.2 V9i Intermediate volcaniclastic rock. Dark grey green to green in color. Fine to medium grained. Highly chloritized with a good contain in biotite and garnet. Foliated at 25-35 dtca. Poor in sulphide tr Py diss. **Mineralization** 11.9 - 13.2 : PY, Dissiminée Trace Py diss. **Alteration** 11.9 - 13.2 : CL+, Massive, Fort 11.9 - 13.2 : BO+, Pénétrative, Moyen 11.9 - 13.2 : GR+, Pénétrative, Faible							

Hole Name: **MW-11-B** Units: METRIC

Detailed Lithology			Assay					
From	To	Lithology	Sample	From	To	Au (g/t)	Ag (g/t)	Sg (Kgm3)
		MINOR: **Minor Interval:** 22.2 - 23.7 V9i Intermediate volcaniclastic rock. Dark grey green to green in color. Fine to medium grained. Highly chloritized with a good contain in biotite and garnet. Foliated at 25-35 dtca. Poor in sulphide tr Py diss. **Mineralization** 22.2 - 23.7 : PY, Dissiminée Trace Py diss. **Alteration** 22.2 - 23.7 : CL+, Massive, Fort 22.2 - 23.7 : GR+, Pénétrative, Faible 22.2 - 23.7 : BO+, Pénétrative, Moyen **Minor Interval:** 29.7 - 31.5 V9i Intermediate volcaniclastic rock. Dark grey green to green in color. Fine to medium grained. Highly chloritized with a good contain in biotite and garnet. Foliated at 25-35 dtca. Poor in sulphide tr Py diss. **Mineralization** 29.7 - 31.5 : PY, Dissiminée Trace Py diss. **Alteration** 29.7 - 31.5 : BO+, Pénétrative, Moyen 29.7 - 31.5 : CL+, Massive, Fort 29.7 - 31.5 : GR+, Pénétrative, Faible							

Hole Name: **MW-11-B** Units: METRIC

Detailed Lithology

From	To	Lithology
36.3	**47.8**	**V9i, TUF INTERMÉDIAIRE** Intermediate volcaniclastic rock. Could be more mafic (mafic volcanic rock V3). Dark green to grey-green in color. Very fine to fine grained. Strongly chloritized with minor biotite and locally sericite (close to quartz-chlorite veins or pods). Mineralisation consist in fine disseminated Py from trace-1 %. Locally minor little stringers of Py Po with rarely trace of Cpy. Foliated between 20-45 dtca. Locally brechiated close to quartz veins or pods. **Mineralization** 36.3 - 47.8 : PY, Dissiminée Trace-1 % Py diss. 39.0 - 40.5 : PO, Dissiminée Trace-1 % Po Py Cpy diss or in little spots **Alteration** 36.3 - 47.8 : SR+, Pénétrative, Faible 36.3 - 47.8 : CL+, Massive, Fort 36.3 - 47.8 : BO+, Pénétrative, Faible **Veins** 44.6 - 45.7 : QZCL, 45.00°, PY, 1.00% Trace-1 % Py Po diss in spots
47.8	**54.8**	**V9i, TUF INTERMÉDIAIRE** Intermediate to felsic volcaniclastic rock. Dark grey to grey grey-green in color. Very fine to fine grained. Siliceous with more biotite than the previous section. Trace Py diss.

Assay

Sample	From	To	Au (g/t)	Ag (g/t)	Sg (Kgm3)

Hole Name: **MW-11-B** Units: METRIC

Detailed Lithology

From	To	Lithology
54.8	**73.8**	**V9a, TUF FELSIQUE** Felsic to intermediate volcaniclastic rock. Pale green to pale green yellowish in color. Medium to coarse grained. Siliceous with alteration in sericite, biotite and locally epidote (close to quartz-chlorite veins). Generaly poor in sulphide, only trace of disseminated Py. RQD is very good at 90-95 %. **Mineralization** 54.8 - 73.8 : PY, Dissiminée Trace Py diss. **Alteration** 54.8 - 73.8 : BO+, Pénétrative, Faible 54.8 - 73.8 : SR+, Pénétrative, Moyen **Veins** 73.3 - 73.8 : QZCBCL, 65.00°, PO, 1.00% Trace-2 % Py Po diss in spots 68.5 - 69.1 : QZCBCL, 45.00°, PY, 1.00% Trace-2 % Py Po diss in spots 72.7 - 73.1 : QZCBCL, 60.00°, PO, 1.00% Trace-2 % Py Po diss in spots

Assay

Sample	From	To	Au (g/t)	Ag (g/t)	Sg (Kgm3)

Hole Name: **MW-11-B** Units: METRIC

Detailed Lithology

From	To	Lithology
73.8	**220.2**	**V9i, TUF INTERMÉDIAIRE** Intermediate volcaniclastic rock. Grey to pale grey in color. Very fine to fine grained, locally fine to medium grained. Siliceous with minor chlorite and biotite Locally brechiated with silicification near or close to quartz-carbonate veins or brecchia. Generally poor in sulphide Trace Py diss or in hairline stringers. Foliated and banded between 30-55 dtca. RQD is good to very good between 85-95 %. **Texture** 197.7 - 198.1 : BR Fragmental aspect biotized matrix with quartz ciment. 131.7 - 131.9 : BR Cimented brecchia zone Faulted at 45 dtca 131.3 - 131.5 : BR Cimented brecchia zone Faulted at 45 dtca 138.0 - 138.5 : BR Cimented brecchia zone Faulted at 45 dtca **Mineralization** 73.8 - 220.2 : PY, Dissiminée Trace Py diss. **Alteration** 73.8 - 220.2 : BO+, Pénétrative, Faible 73.8 - 220.2 : CL+, Pénétrative, Faible 99.4 - 99.7 : SI+, Massive, Fort Silicified with chlorite patch 2-3 mm 130.7 - 137.0 : SR+, Pénétrative, Moyen With moderate silicification. 134.7 - 135.7 : SI+, Pénétrative, Fort **Veins** 214.1 - 214.2 : QZ, 65.00°, PO, 2.00% 2-3 % Po in stringers or spots 112.9 - 113.0 : QZCL , PY Trace Py diss in spots 148.7 - 149.0 : QZCBCL , PO, 1.00% Trace-2 % Py Po diss in spots 93.3 - 93.5 : QZCL, 45.00°, PY Trace Py diss. 130.7 - 131.1 : QZCL, 30.00°, PY Trace Py diss

Assay

Sample	From	To	Au (g/t)	Ag (g/t)	Sg (Kgm3)

Hole Name: **MW-11-B** Units: METRIC

Detailed Lithology			Assay					
From	To	Lithology	Sample	From	To	Au (g/t)	Ag (g/t)	Sg (Kgm3)
		Veins 102.8 - 103.2 : QZCL , PY Trace Py diss. 74.5 - 75.5 : QZCBCL, 35.00°, PO, 1.00% Trace-2 % Po Py diss in spots 155.7 - 155.9 : QZCBCL, 45.00°, PO, 1.00% 1-2 % Po Py diss in spots 215.5 - 216.0 : QZ, 30.00°, PY Trace-2 % Py Po in spots 133.3 - 134.7 : QZCL, 45.00°, PY Trace Py diss.							

Appendix B
Well Development Logs

MW08-02

Date	Volume Purged (L)	Total Volume Purged (L)	pH	Temperature (C)	Conductivity (uS)
Sept. 19, 2011	5	5	-	-	-
	2	7	8.64	5.6	352
	15	22	8.45	2.3	363
	2	24	8.33	1.7	380
	20	44	8.12	0.9	365
	7	51	8.09	1.2	362
	15	66	-	-	-
	5	71	7.86	1.0	387
	30	101	7.53	9.6	360
	20	121	7.6	4.6	400
	20	141	7.59	5.7	418
	15	156	7.5	5	435
	30	186	7.46	6.5	566
Sept. 20, 2011	15	201	7.65	16.5	431
	30	231	7.69	7.2	640
	20	251	7.64	6.3	811
	15	266	8.04	6.8	828
	15	281	8.06	6.5	823
	10	291	8.1	6.1	825
	10	301	8.1	5.9	860
	5	306	-	-	-
	5	311	8.1	6.4	801
	15	326	8.12	6.9	823
	15	341	8.16	7.1	799
	20	361	8.17	7.3	799
	20	381	8.13	8.6	726
	15	396	8.16	9.7	676
	25	421	-	-	-
	10	431	8.14	14.2	769
	20	451	8.1	10.3	677
	25	476	8.13	9.9	778
	20	496	8.41	10.8	769
	5	501	8.18	11.2	728
Sept. 21, 2011	30	531	8.01	12.8	560
	25	556	8.06	6.8	685
	20	576	8.1	5.7	778
	15	591	8.13	6.1	786
	15	606	8.15	6.5	795
	20	626	8.18	6.1	822
	20	646	8.18	6.3	866
	15	661	8.21	5.1	896
	12	673	8.23	6.6	877
	8	681	-	-	-

MW11-01

Date	Volume Purged (L)	Total Volume Purged (L)	pH	Temperature (C)	Conductivity (uS)
Sept. 19, 2011	10	10	8.03	6	95
Sept. 20, 2011	3	13	11.31	6.5	341
thaw ice in well					
Sept. 25, 2011	5		9.38	4.9	507
	3	8	9.24	5.4	471
	2	10	9.56	7.3	520
	3	13	10.08	9.4	574
	3	16	9.92	10.4	556
	15	31	9.53	4.5	451
	15	46	9.94	4.7	400
	5	51	10.78	6.4	787
Sept. 26, 2011	7	58	12.21	4.1	3999
	7	65	10.72	3.9	3999
	5	70	10.38	3.7	3999
	1	71	9.85	4.1	3999
	5	76	11.12	6.3	3999
	2	78	-	-	-
	10	88	11.08	6.6	3999
Sept. 27, 2011	40	128	11.2	6.7	3999
	5	133	10.85	6.6	3999
	1	134	-	-	-
	5	139	10.66	7.4	3999
	12	151	11.12	5.5	3999
Sept. 28, 2011	15	166	11.9	6.7	3999
	5	171	11.8	6.6	3999
	10	181	-	-	-
	10	191	8.8	3.2	3999
	10	201	8.3	2.8	3999

MW11-02

Date	Volume Purged (L)	Total Volume Purged (L)	pH	Temperature (C)	Conductivity (uS)
Sept. 24, 2011	5	5	9.92	6.9	141
	15	20	9.03	7	147
	20	40	9.4	7	189
	20	60	10.15	7.2	422
	20	80	10.14	7.5	444
	20	100	10.13	7.4	446
Sept. 25, 2011	15	115	9.53	12.4	284
	20	135	9.53	7.7	453
	10	145	9.92	7.8	474
	20	165	9.84	7.4	482
	40	205	9.8	6.9	461
	40	245	9.7	7.6	442
	40	285	9.21	7.2	406
	40	325	8.43	15.2	380
	40	365	8.71	7.7	416
	40	405	8.45	7.1	398
	40	445	8.45	6.5	388
	40	485	8.4	6.9	380
	40	525	8.34	7.1	375
	40	565	8.3	7.6	364
	40	605	8.27	7.3	361
	40	645	8.3	6.7	362
	40	685	8.32	6.6	366
	40	725	8.32	7.7	377
	40	765	8.32	6.2	376
	40	805	8.3	7	379
	40	845	8.31	6.4	384
	40	885	8.31	6.7	386
	20	905	8.38	7.4	392
	40	945	8.35	6	398
	40	985	8.33	6.8	405
	20	1005	8.32	6.4	404

Appendix C
Laboratory Analytical Certificates

Multilab Val-d'Or

Results summary

Client: **Agnico Eagle Division Meadowbank**
Company: M. Stéphane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Date received: September 23, 2011
Sampled by: Denis Vachon/ Joanne Woodhouse
Matrix: Water

Lab number:	15816	15817
Sample name:	MW-08-02	DUP-1
Sampling date:	21-09-2011	21-09-2011
Alkalinity mg CaCO3/L	76	76
Aluminium (Al) mg/L	0.030	<0.006
Dissolved Aluminium (Al) mg/L	<0.01	<0.01
Silver (Ag) mg/L	<0.0002	<0.0002
Dissolved Silver (Ag) mg/L	<0.005	<0.005
Arsenic (As) mg/L	0.0023	0.0020
Dissolved Arsenic (As) mg/L	<0.005	<0.005
Barium (Ba) mg/L	0.0430	0.0370
Dissolved Barium (Ba) mg/L	0.041	0.041
Cadmium (Cd) mg/L	<0.00002	<0.00002
Dissolved Cadmium (Cd) mg/L	<0.005	<0.005
Calcium (Ca) mg/L	63.1	54.2
Dissolved Calcium (Ca) mg/L	59.9	61.0
Chloride mg/L	169	165
Copper (Cu) mg/L	0.0014	0.0008
Dissolved Copper (Cu) mg/L	<0.005	<0.005
Hardness mg CaCO3/L	317	305
Iron (Fe) mg/L	1.4	1.4
Dissolved Iron (Fe) mg/L	<0.05	<0.05
Fluoride (F) mg/L	0.32	0.33

These results are as followed on the Certificate's analisys of the coresponding project number.
In case of difference between these files , the results are singed on the results summary

Reported on: October 18, 2011

F-02-13
Version 2ième: 18/10/2006

900, 5ième avenue Val d'Or (Québec) J9P 1B9 • Téléphone : (819) 874-0350 • Fax / Téléc: (819) 874-0360 • E-mail: valdor@multilab-direct.com • Site web: www.multilab-direct.com

Results summary

Client: **Agnico Eagle Division Meadowbank**
Company: M. Stéphane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Date received: September 23, 2011
Sampled by: Denis Vachon/ Joanne Woodhouse
Matrix: Water

Lab number:	15816	15817
Sample name:	MW-08-02	DUP-1
Sampling date:	21-09-2011	21-09-2011
Magnesium (Mg) mg/L	38.9	38.0
Dissolved Magnesium (Mg) mg/L	35.6	35.5
Manganese (Mn) mg/L	0.1338	0.1213
Dissolved Manganese (Mn) mg/L	0.107	0.110
Mercury (Hg) mg/L	0.00009	0.00010
Dissolved Mercury (Hg) mg/L	<0.0005	<0.0005
Molybdenum (Mo) mg/L	0.0016	<0.0005
Dissolved Molybdenum (Mo) mg/	<0.005	<0.005
NH4 mg N/L	0.08	0.07
Nickel (Ni) mg/L	0.0046	0.0037
Dissolved Nickel (Ni) mg/L	<0.005	<0.005
Nitrate (NO3) mg N/L	0.01	<0.01
Nitrite (NO2) mg N/L	<0.01	<0.01
pH	7.22	7.39
Lead (Pb) mg/L	<0.0003	<0.0003
Dissolved Lead (Pb) mg/L	<0.005	<0.005
Potassium (K) mg/L	2.1	2.0
Dissolved Potassium (K) mg/L	2.3	2.4
Selenium (Se) mg/L	0.005	0.005
Dissolved Selenium (Se) mg/L	0.005	0.005

These results are as followed on the Certificate's analisys of the coresponding project number.
In case of difference between these files , the results are singed on the results summary

Reported on: October 18, 2011

F-02-13
Version 2ième: 18/10/2006

900, 5ième avenue Val d'Or (Québec) J9P 1B9 • Téléphone : (819) 874-0350 • Fax / Téléc: (819) 874-0360 • E-mail: valdor@multilab-direct.com • Site web: www.multilab-direct.com

Results summary

Client: **Agnico Eagle Division Meadowbank**
Company: M. Stéphane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Date received: September 23, 2011
Sampled by: Denis Vachon/ Joanne Woodhouse
Matrix: Water

Lab number:	15816	15817
Sample name:	MW-08-02	DUP-1
Sampling date:	21-09-2011	21-09-2011
Sodium (Na) mg/L	43.3	48.8
Dissolved Sodium (Na) mg/L	44.0	44.2
Dissolved Solids mg/L	523	527
Sulfate (SO4) mg SO4/L	4	8
Thallium (Tl) mg/L	<0.005	<0.005
Dissolved thallium (Tl) mg/L	<0.01	<0.01
Turbidity NTU	3.2	2.3
Zinc (Zn) mg/L	0.010	0.375
Dissolved Zinc mg/L	<0.005	0.013

These results are as followed on the Certificate's analisys of the coresponding project number.
In case of difference between these files , the results are singed on the results summary

Reported on: October 18, 2011

F-02-13
Version 2ième: 18/10/2006

900, 5ième avenue Val d'Or (Québec) J9P 1B9 • Téléphone : (819) 874-0350 • Fax / Téléc: (819) 874-0360 • E-mail: valdor@multilab-direct.com • Site web: www.multilab-direct.com

Results summary

Client: **Agnico Eagle Division Meadowbank**
Company: M. Stéphane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Date received: September 23, 2011
Sampled by: Denis Vachon/ Joanne Woodhouse
Matrix: Water

Parameter	Valeur	Detection limit		
Alkalinity	2	mg CaCO3/L	M-ALCA-2.0	
pH	N.D.		M-PH-2.0	
Dissolved Solids	1	mg/L	M-SOLI-2.0	

These results are as followed on the Certificate's analisys of the coresponding project number.
In case of difference between these files , the results are singed on the results summary

Reported on: October 18, 2011

F-02-13
Version 2ième: 18/10/2006

900, 5ième avenue Val d'Or (Québec) J9P 1B9 • Téléphone : (819) 874-0350 • Fax / Téléc: (819) 874-0360 • E-mail: valdor@multilab-direct.com • Site web: www.multilab-direct.com

Multilab Val-d'Or

Results summary

Client: **Agnico Eagle Division Meadowbank**
Company: M. Stéphane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Date received: September 28, 2011
Sampled by: Env. Tech.
Matrix: Water

Lab number:	15870	15871
Sample name:	MW11-02	DUP-2
Sampling date:	26-09-2011	26-09-2011
Aluminium (Al) mg/L	1.81	1.23
Dissolved Aluminium (Al) mg/L	<0.01	<0.01
Silver (Ag) mg/L	0.0006	0.0002
Dissolved Silver (Ag) mg/L	<0.005	<0.005
Arsenic (As) mg/L	<0.0005	<0.0005
Dissolved Arsenic (As) mg/L	<0.005	<0.005
Barium (Ba) mg/L	0.2297	0.2097
Dissolved Barium (Ba) mg/L	0.160	0.167
Cadmium (Cd) mg/L	0.00004	<0.00002
Dissolved Cadmium (Cd) mg/L	<0.005	<0.005
Calcium (Ca) mg/L	49.7	49.2
Dissolved Calcium (Ca) mg/L	42.8	43.4
Chloride mg/L	20.9	20.7
Copper (Cu) mg/L	0.0320	0.0247
Dissolved Copper (Cu) mg/L	0.008	0.010
Cyanide W.A.D. mg/L	<0.005	---
Total Cyanide (CNt) mg/L	<0.005	---
Hardness mg CaCO3/L	167	165
Iron (Fe) mg/L	1.9	0.90
Dissolved Iron (Fe) mg/L	<0.05	<0.05

These results are as followed on the Certificate's analisys of the coresponding project number.
In case of difference between these files , the results are singed on the results summary

Reported on: October 19, 2011

F-02-13
Version 2ième: 18/10/2006

900, 5ième avenue Val d'Or (Québec) J9P 1B9 • Téléphone : (819) 874-0350 • Fax / Téléc: (819) 874-0360 • E-mail: valdor@multilab-direct.com • Site web: www.multilab-direct.com

Multilab Val-d'Or

Results summary

Client: **Agnico Eagle Division Meadowbank**
Company: M. Stéphane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Date received: September 28, 2011
Sampled by: Env. Tech.
Matrix: Water

Lab number:	15870	15871
Sample name:	MW11-02	DUP-2
Sampling date:	26-09-2011	26-09-2011
Fluoride (F) mg/L	0.13	0.18
Magnesium (Mg) mg/L	10.6	10.4
Dissolved Magnesium (Mg) mg/L	7.7	8.0
Manganese (Mn) mg/L	0.2274	0.1853
Dissolved Manganese (Mn) mg/L	0.145	0.148
Mercury (Hg) mg/L	0.00058	0.00064
Dissolved Mercury (Hg) mg/L	0.0011	0.0010
Molybdenum (Mo) mg/L	<0.0005	<0.0005
Dissolved Molybdenum (Mo) mg/	<0.005	<0.005
NH4 mg N/L	0.17	0.20
Nickel (Ni) mg/L	0.0087	0.0065
Dissolved Nickel (Ni) mg/L	<0.005	<0.005
Nitrate (NO3) mg N/L	1.7	1.7
Nitrite (NO2) mg N/L	0.02	0.03
pH	7.19	7.40
Lead (Pb) mg/L	0.0030	0.0039
Dissolved Lead (Pb) mg/L	<0.005	<0.005
Potassium (K) mg/L	1.9	2.0
Dissolved Potassium (K) mg/L	1.3	1.4
Selenium (Se) mg/L	<0.001	<0.001

These results are as followed on the Certificate's analisys of the coresponding project number.
In case of difference between these files , the results are singed on the results summary

Reported on: October 19, 2011

F-02-13
Version 2ième: 18/10/2006

900, 5ième avenue Val d'Or (Québec) J9P 1B9 • Téléphone : (819) 874-0350 • Fax / Téléc: (819) 874-0360 • E-mail: valdor@multilab-direct.com • Site web: www.multilab-direct.com

Multilab Val-d'Or

Results summary

Client: **Agnico Eagle Division Meadowbank**
Company: M. Stéphane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Date received: September 28, 2011
Sampled by: Env. Tech.
Matrix: Water

Lab number:	15870	15871
Sample name:	MW11-02	DUP-2
Sampling date:	26-09-2011	26-09-2011
Dissolved Selenium (Se) mg/L	<0.005	<0.005
Sodium (Na) mg/L	10.5	10.3
Dissolved Sodium (Na) mg/L	7.6	7.9
Dissolved Solids mg/L	263	259
Sulfate (SO4) mg SO4/L	42	41
Thallium (Tl) mg/L	<0.005	<0.005
Dissolved thallium (Tl) mg/L	<0.01	<0.01
Turbidity NTU	55.8	69.3
Zinc (Zn) mg/L	0.024	0.019
Dissolved Zinc mg/L	<0.005	0.013
Alkalinity mg CaCO3/L	104	103

These results are as followed on the Certificate's analisys of the coresponding project number.
In case of difference between these files , the results are singed on the results summary

Reported on: October 19, 2011

F-02-13
Version 2ième: 18/10/2006

900, 5ième avenue Val d'Or (Québec) J9P 1B9 • Téléphone : (819) 874-0350 • Fax / Téléc: (819) 874-0360 • E-mail: valdor@multilab-direct.com • Site web: www.multilab-direct.com

Multilab Val-d'Or

Results summary

Client: **Agnico Eagle Division Meadowbank**
Company: M. Stéphane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Date received: October 03, 2011
Sampled by: Denis Vachon
Matrix: Water

Lab number:	15979	15980
Sample name:	MW11-01	DUP-3
Sampling date:	29-09-2011	29-09-2011
Alkalinity mg CaCO3/L	23	37
Aluminium (Al) mg/L	0.248	0.256
Dissolved Aluminium (Al) mg/L	0.15	0.01
Silver (Ag) mg/L	0.0123	0.0146
Dissolved Silver (Ag) mg/L	<0.005	<0.005
Arsenic (As) mg/L	0.1280	0.1420
Dissolved Arsenic (As) mg/L	0.137	0.130
Barium (Ba) mg/L	0.1484	0.1991
Dissolved Barium (Ba) mg/L	0.130	0.136
Cadmium (Cd) mg/L	<0.00002	0.00009
Dissolved Cadmium (Cd) mg/L	<0.005	<0.005
Calcium (Ca) mg/L	5263	5857
Dissolved Calcium (Ca) mg/L	5136	5099
Chloride mg/L	10271	9859
Copper (Cu) mg/L	0.0237	0.0357
Dissolved Copper (Cu) mg/L	0.021	0.015
Cyanide W.A.D. mg/L	<0.005	---
Total Cyanide (CNt) mg/L	<0.005	---
Hardness mg CaCO3/L	13264	14759
Iron (Fe) mg/L	1.3	1.9

These results are as followed on the Certificate's analisys of the coresponding project number.
In case of difference between these files , the results are singed on the results summary

Reported on: November 17, 2011

F-02-13
Version 2ième: 18/10/2006

900, 5ième avenue Val d'Or (Québec) J9P 1B9 • Téléphone : (819) 874-0350 • Fax / Téléc: (819) 874-0360 • E-mail: valdor@multilab-direct.com • Site web: www.multilab-direct.com

Results summary

Client: **Agnico Eagle Division Meadowbank**
Company: M. Stéphane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Date received: October 03, 2011
Sampled by: Denis Vachon
Matrix: Water

Lab number:	15979	15980
Sample name:	MW11-01	DUP-3
Sampling date:	29-09-2011	29-09-2011
Dissolved Iron (Fe) mg/L	1.3	0.97
Fluoride (F) mg/L	0.55	0.62
Magnesium (Mg) mg/L	29.9	32.6
Dissolved Magnesium (Mg) mg/L	22.5	25.8
Manganese (Mn) mg/L	0.0433	0.0500
Dissolved Manganese (Mn) mg/L	0.029	0.029
Mercury (Hg) mg/L	0.00073	0.00077
Dissolved Mercury (Hg) mg/L	0.0006	0.0006
Molybdenum (Mo) mg/L	<0.0005	<0.0005
Dissolved Molybdenum (Mo) mg/	<0.005	<0.005
NH4 mg N/L	0.07	0.27
Nickel (Ni) mg/L	0.2109	0.2269
Dissolved Nickel (Ni) mg/L	0.179	0.171
Nitrate (NO3) mg N/L	0.28	0.29
Nitrite (NO2) mg N/L	<0.01	<0.01
pH	8.11	8.93
Lead (Pb) mg/L	<0.0003	0.0031
Dissolved Lead (Pb) mg/L	<0.005	<0.005
Potassium (K) mg/L	201	225
Dissolved Potassium (K) mg/L	183	192

These results are as followed on the Certificate's analisys of the coresponding project number.
In case of difference between these files , the results are singed on the results summary

Reported on: November 17, 2011

F-02-13
Version 2ième: 18/10/2006

900, 5ième avenue Val d'Or (Québec) J9P 1B9 • Téléphone : (819) 874-0350 • Fax / Téléc: (819) 874-0360 • E-mail: valdor@multilab-direct.com • Site web: www.multilab-direct.com

Multilab Val-d'Or

Results summary

Client: **Agnico Eagle Division Meadowbank**
Company: M. Stéphane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Date received: October 03, 2011
Sampled by: Denis Vachon
Matrix: Water

Lab number:	15979	15980
Sample name:	MW11-01	DUP-3
Sampling date:	29-09-2011	29-09-2011
Selenium (Se) mg/L	0.564	0.594
Dissolved Selenium (Se) mg/L	0.637	0.606
Sodium (Na) mg/L	344	550
Dissolved Sodium (Na) mg/L	283	338
Sulfate (SO4) mg SO4/L	29	30
Thallium (Tl) mg/L	<0.005	<0.005
Dissolved thallium (Tl) mg/L	<0.01	<0.01
Turbidity NTU	18.1	25.7
Zinc (Zn) mg/L	0.038	0.091
Dissolved Zinc mg/L	0.020	0.013
Dissolved Solids mg/L	14840	14620

These results are as followed on the Certificate's analisys of the coresponding project number.
In case of difference between these files , the results are singed on the results summary

Reported on: November 17, 2011

F-02-13
Version 2ième: 18/10/2006

900, 5ième avenue Val d'Or (Québec) J9P 1B9 • Téléphone : (819) 874-0350 • Fax / Téléc: (819) 874-0360 • E-mail: valdor@multilab-direct.com • Site web: www.multilab-direct.com

Multilab Val-d'Or

Results summary

Client: **Agnico Eagle Division Meadowbank**
Company: M. Stéphane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Date received: October 03, 2011
Sampled by: Denis Vachon
Matrix: Water

Lab number:	15981	15982
Sample name:	Field blank	Travel blank
Sampling date:	29-09-2011	29-09-2011
Aluminium (Al) mg/L	<0.006	---
Dissolved Aluminium (Al) mg/L	<0.01	<0.01
Silver (Ag) mg/L	<0.0002	---
Dissolved Silver (Ag) mg/L	<0.005	<0.005
Arsenic (As) mg/L	<0.0005	---
Dissolved Arsenic (As) mg/L	<0.005	<0.005
Barium (Ba) mg/L	<0.0005	---
Dissolved Barium (Ba) mg/L	<0.005	<0.005
Cadmium (Cd) mg/L	<0.00002	---
Dissolved Cadmium (Cd) mg/L	<0.005	<0.005
Calcium (Ca) mg/L	1.5	---
Dissolved Calcium (Ca) mg/L	0.56	0.05
Copper (Cu) mg/L	0.0017	---
Dissolved Copper (Cu) mg/L	<0.005	<0.005
Iron (Fe) mg/L	0.07	---
Dissolved Iron (Fe) mg/L	<0.05	<0.05
Magnesium (Mg) mg/L	<0.02	---
Dissolved Magnesium (Mg) mg/L	<0.05	<0.05
Manganese (Mn) mg/L	0.0012	---
Dissolved Manganese (Mn) mg/L	<0.005	<0.005

These results are as followed on the Certificate's analisys of the coresponding project number.
In case of difference between these files , the results are singed on the results summary

Reported on: October 18, 2011

F-02-13
Version 2ième: 18/10/2006

900, 5ième avenue Val d'Or (Québec) J9P 1B9 • Téléphone : (819) 874-0350 • Fax / Téléc: (819) 874-0360 • E-mail: valdor@multilab-direct.com • Site web: www.multilab-direct.com

Multilab Val-d'Or

Results summary

Client: **Agnico Eagle Division Meadowbank**
Company: M. Stéphane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Date received: October 03, 2011
Sampled by: Denis Vachon
Matrix: Water

Lab number:	15981	15982
Sample name:	Field blank	Travel blank
Sampling date:	29-09-2011	29-09-2011
Mercury (Hg) mg/L	<0.00001	---
Dissolved Mercury (Hg) mg/L	<0.0005	<0.0005
Molybdenum (Mo) mg/L	<0.0005	---
Dissolved Molybdenum (Mo) mg/	<0.005	<0.005
Nickel (Ni) mg/L	0.0015	---
Dissolved Nickel (Ni) mg/L	<0.005	<0.005
Lead (Pb) mg/L	<0.0003	---
Dissolved Lead (Pb) mg/L	0.021	<0.005
Potassium (K) mg/L	0.08	---
Dissolved Potassium (K) mg/L	<0.05	<0.05
Selenium (Se) mg/L	<0.001	---
Dissolved Selenium (Se) mg/L	<0.005	<0.005
Sodium (Na) mg/L	0.33	---
Dissolved Sodium (Na) mg/L	0.10	<0.05
Thallium (Tl) mg/L	<0.005	---
Dissolved thallium (Tl) mg/L	<0.01	<0.01
Zinc (Zn) mg/L	0.035	---
Dissolved Zinc mg/L	0.009	0.010

These results are as followed on the Certificate's analisys of the coresponding project number.
In case of difference between these files , the results are singed on the results summary

Reported on: October 18, 2011

F-02-13
Version 2ième: 18/10/2006

900, 5ième avenue Val d'Or (Québec) J9P 1B9 • Téléphone : (819) 874-0350 • Fax / Téléc: (819) 874-0360 • E-mail: valdor@multilab-direct.com • Site web: www.multilab-direct.com