Agnico Eagle Ltée-Division Meadowbank
Attention: Kevin Buck
Client Project #: E14103172-01
P.O. #: OP-310962-J
Site Location:

Quality Assurance Report

Maxxam Job Number: B411247

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units
1277739	CC6	QC Standard	Total Cyanide (CN)	2014/03/06		109	%
		Spiked Blank	Total Cyanide (CN)	2014/03/06		104	%
		Method Blank	Total Cyanide (CN)	2014/03/06	<0.5		mg/kg
1277740	DB2	QC Standard	Total Cyanide (CN)	2014/03/06		117	%
		Spiked Blank	Total Cyanide (CN)	2014/03/06		103	%
		Method Blank	Total Cyanide (CN)	2014/03/06	<0.5		mg/kg
1277816	DB2	Spiked Blank	Weak Acid Dissociable Cyanide (CN-)	2014/03/07		108	%
		Method Blank	Weak Acid Dissociable Cyanide (CN-)	2014/03/07	<0.5		mg/kg
1277819	CC6	Spiked Blank	Weak Acid Dissociable Cyanide (CN-)	2014/03/07		106	%
		Method Blank	Weak Acid Dissociable Cyanide (CN-)	2014/03/07	<0.5		mg/kg
1277885	KV1	QC Standard	pH	2014/03/06		100	%
		Spiked Blank	pH	2014/03/06		102	%

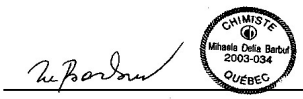
QC Standard: A sample of known concentration prepared by an external agency under stringent conditions. Used as an independent check of method accuracy.
Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.
Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

889 Montée de Liesse, Ville St-Laurent, Québec, Canada H4T 1P5 Tél. : (514) 448-9001 Télécopieur : (514) 448-9199 Ligne sans frais : 1-877-4MAXXAM (462-9926)

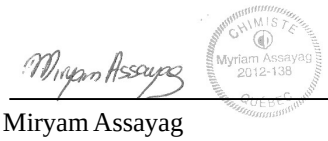
Validation Signature Page

Maxxam Job #: B411247

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



Delia Barbul, B.Sc., Chemist



Miryam Assayag

==========

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

889 Montée de Liesse, Ville St-Laurent, Québec, Canada H4T 1P5 Tél. : (514) 448-9001 Télécopieur : (514) 448-9199 Ligne sans frais : 1-877-4MAXXAM (462-9926)

5-Mar-14 08:10
Alain Lemieux
B411247
MF5 MTL-0024

Maxxam Analytique

☒ 889 Montée de Liesse
☐ 2690 Avenue Dalton, S
☐ 737 boul. Barette, Chico

Fax: (514) 448-9199 Toll Free: 1-877-4MA-XXAM (462-9926)
Fax: (418) 658-6594
Telephone: (418) 543-3788 Fax: (418) 543-8994
www.maxxamanalytics.com

Sample Analysis and Chain of Custody Record

E-

Invoice Information	Report Information (if differs from invoice)
Company Name: AEM Meadowbank	Company Name:
Address: 10200 route de Preissac, Rouyn-Noranda J0Y 1C0	Address:
Contact Name: Kevin Buck	Contact Name:
Telephone: 819. 759. 3555 x6838	Telephone:
Fax: 819. 759. 3663	Fax:
Sampler: Tyrel / Tom	Sampler:

I hereby acknowledge the understanding and acceptance of Maxxam's terms and conditions as listed on the back of this form.

Order No.: Project / Site:
Quotation No.: Project No.: E14103172-01

Sample Identification (sampling point)	Sample: Soil	Water	Other	Sampling (date / time)	To be filtered	Number of samples	CN TOTAL	CN WAD	pH
BH-12 (40-70)	X			Feb 22/14		1	X	X	
BH-14 (40-70)				Feb 22/14		1	X	X	
BH-15 (70-100)				Feb 23/14		1	X	X	
BH-16 (0-40)						1	X	X	
BH-16 (100-140)						1	X	X	
BH-17 (70-100)						1	X	X	
BH-17 (100-140)						1	X	X	
BH-18 (70-100)						1	X	X	
BH-23 (450-500)				Feb 25/14		1	X	X	
BH-24 (400-450)	V			V		1	X	X	

PH (Cn-Cle) ☐ | O & G Min. ☐ | O & G Tot. ☐ | VOC (EPA 624) ☐ | BTEX ☐ | MAH ☐ | Phenols (GC/MS) ☐ | Phenols (Colorc) ☐ | PAH ☐ | PCB (Congeners) (GC-MS) ☐ | Heavy Metals (Cd, Cr, Cu, Ni, Pb, Zn) ☐ | Metals ICP regulation - 13 ele.-tox** ☐ | 16 ele. water*** ☐ | Mercury ☐ | Selenium-soil ☐ | Others: ☐ | F- ☐ | Cl ☐ | SO4 ☐ | NO2 ☐ | NO3 ☐ | NO2 + NO3 ☐ | NH3 ☐ | TKN ☐ | P-Tot. ☐ | pH ☐ | Conductivity ☐ | TSS ☐ | Sulfide (SH-) ☐ | Total Sulphur (S) ☐ | Tot.-CN ☐ | Ox.-CN ☐ | Free CN ☐ | BODs ☐ | COD ☐ | Turbidity ☐ | TOC ☐ | RMD ☐ | CUM. ART. 10 ☐ | ART. 11 ☐ | Potable Water ☐ | ORG. ☐ | INORG. ☐ | THM ☐ | COLIF (Fec.) ☐ | COLIF (Tot.) ☐ | TOTAL-PC ☐ | Explosive ☐ | EPA 8095 ☐ | EPA 8330 ☐ | Other (specify):

LEGEND: ** Metals 13 elements (Ag, As, Ba, Cd, Co, Cr, Cu, Sn, Mn, Mo, Ni, Pb, Zn),
*** Metals 16 elements (Al, Sb, Ag, As, Ba, Cd, Cr, Co, Cu, Mn, Mo, Ni, Pb, Se, Na, Zn).

Types of Water: G = Groundwater P = Potable LW = Liquid Waste Sur = Surface E = Effluent C = Catchment

Applicable Regulations: (To complete)

Turnaround Time: ☒ 24h ☐ 48h ☐ 72h ☐ Regular ☐ Date:

Unless clearly identified all water samples received at Maxxam analytics will be treated as non-potable and will not be subject to the requirements under the Quebec Drinking Water Regulation.

General Condition at Reception:

Chain of Custody

Relinquished by: Tyrel Hemsley Tyrel Hemsley	Date: Mar 2/14	Time: 1807	Received by:	Remarks: ICE-YES SEAL-NO
Relinquished by:	Date:	Time:	Received by:	

Number of coolers: 2 Temperature upon reception: 0° 0° 0° / 0° 1° 0°

Sample Transport: ☐ By Client ☐ MAXXAM Personnel ☒ Courier (Specify):

KEENVCOCFORMQE - Saint-Laurent - 07/09 WHITE: MAXXAM ANALYTICS INC BLUE: INVOICING YELLOW: RETURN TO CLIENT WITH FINAL REPORT PINK: CLIENT

Mario Franca MARIO FRANCA 2014/03/05 08:10

Sample Analysis and Chain of Custody Record

Page 2 of 4

Maxxam Analytique

☒ 889 Montée de Liesse, Ville St-Laurent, Québec H4T 1P5 — Telephone: (514) 448-9001 — Fax: (514) 448-9199 — Toll Free: 1-877-4MA-XXAM (462-9926)
☐ 2690 Avenue Dalton, Sainte-Foy, Québec G1P 3S4 — Telephone: (418) 658-5784 — Fax: (418) 658-6594
☐ 737 boul. Barette, Chicoutimi, Québec G7J 4C4 — Telephone: (418) 543-3788 — Fax: (418) 543-8994
www.maxxamanalytics.com

E-

Invoice Information	Report Information (if differs from invoice)
Company Name:	Company Name:
Address: Same as Page 1	Address:
Contact Name:	Contact Name:
Telephone:	Telephone:
Fax:	Fax:
Sampler:	Sampler:

I hereby acknowledge the understanding and acceptance of Maxxam's terms and conditions as listed on the back of this form.

Order No.: _____ Project / Site: _____
Quotation No.: _____ Project No.: E14103172-01

Sample Identification (sampling point)	Sample Type: Soil	Water	Other	Sampling (date / time)	To be filtered	Number of samples	CN TOTAL	CN WAD	pH
BH-24 (500-530)	X			Feb 25/14		1	X	X	
BH-25 (250-300)						1	X	X	X
BH-25 (400-450)						1	X	X	
BH-25 (500-550)				↓		1	X	X	
BH-26 (400-450)				Feb 27/14		1	X	X	
BH-27 (500-550)						1	X	X	
BH-28 (500-550)						1	X	X	
BH-29 (300-350)						1	X	X	X
BH-29 (500-550)						1	X	X	
BH-30 (400-450)	↓			↓		1	X	X	

Columns: PH (Cn-Cle) | O & G Min. | O & G Tot. | BTEX | MAH | VOC (EPA 624) | Phenols (GC/MS) | Phenols (Colour) | PAH | PCB (Congeners) (GC-MS) | Heavy Metals (Cd, Cr, Cu, Ni, Pb, Zn) | Metals ICP regulation - 13 ele.-soil** | 16 ele. water*** | Mercury | Selenium-soil | Others: | F | Cl | SO4 | NO2 | NO3 | NO2 + NO3 | TKN | NH3 | P-Tot. | pH | Conductivity | TSS | Sulfide (SH) | Total Sulphur (S) | Tot.-CN | Ox.-CN | Free CN | BOD5 | COD | TOC | Turbidity | RMD | CUM | ART. 10 | ART. 11 | Potable Water: | ORG. | INOR. | THM | COLIF (Fec.) | COLIF (Tot.) | TOTAL-PC | Explosive | EPA 8095 | EPA 8330 | Other (specify):

LEGEND: ** Metals 13 elements (Ag, As, Ba, Cd, Co, Cr, Cu, Sn, Mn, Mo, Ni, Pb, Zn),
*** Metals 16 elements (Al, Sb, Ag, As, Ba, Cd, Cr, Co, Cu, Mn, Mo, Ni, Pb, Se, Na, Zn).

Types of Water: G = Groundwater, Sur = Surface, P = Potable, E = Effluent, LW = Liquid Waste, C = Catchment

Applicable Regulations: _____ (To complete)

Turnaround Time: ☒ 24h ☐ 48h ☐ 72h ☐ Regular ☐ Date: _____

Unless clearly identified all water samples received at Maxxam analytics will be treated as non-potable and will not be subject to the requirements under the Quebec Drinking Water Regulation.

General Condition at Reception:

Chain of Custody

Relinquished by: Tyrel Hemsley Tyrel Hemsley	Date: Mar 2/14	Time: 1807	Received by:
Relinquished by:	Date:	Time:	Received by:

Number of coolers: 2 — Temperature upon reception: 0° 0° 0° / 0° 1° 0°

Sample Transport: ☐ By Client ☐ MAXXAM Personnel ☒ Courier (Specify):

Remarks: ICE - YES SEAL - NO

KEENVCOCFORMQE - Saint-Laurent - 07/09 — WHITE: MAXXAM ANALYTICS INC — BLUE: INVOICING — YELLOW: RETURN TO CLIENT WITH FINAL REPORT — PINK: CLIENT

Marc Frisch MARC FRISCH 2014/03/05 08:10

Maxxam Analytique

Sample Analysis and Chain of Custody Record

☒ 6889 Montée de Liesse, Ville St-Laurent, Québec H4T 1P5 — Telephone: (514) 448-9001 — Fax: (514) 448-9199 — Toll Free: 1-877-4MA-XXAM (462-9926)
☐ 2690 Avenue Dalton, Sainte-Foy, Québec G1P 3S4 — Telephone: (418) 658-5784 — Fax: (418) 658-6594
☐ 737 boul. Barette, Chicoutimi, Québec G7J 4C4 — Telephone: (418) 543-3788 — Fax: (418) 543-8994
www.maxxamanalytics.com

E-

Invoice Information	Report Information (if differs from invoice)
Company Name:	Company Name:
Address: Same as Page 1	Address:
Contact Name:	Contact Name:
Telephone:	Telephone:
Fax:	Fax:
Sampler:	Sampler:

I hereby acknowledge the understanding and acceptance of Maxxam's terms and conditions as listed on the back of this form.

Order No.: Project / Site:

Quotation No.: Project No.: E141031 72-01

Sample Identification (sampling point)	Sample: Soil	Water	Other	Sampling (date / time)	To be filtered	Number of samples	CN TOTAL	CN WAD	pH
BH-30 (550-690)	X			Feb 27/14		1	X	X	X
BH-33 (300-350)				Mar 1/14		1	X	X	
BH-33 (400-450)						1	X	X	
BH-34 (300-350)						1	X	X	
BH-34 (500-577)						1	X	X	
BH-35 (300-350)				Mar 2/14		1	X	X	
BH-35 (400-450)						1	X	X	X
BH-36 (40-70)						1	X	X	
BH-36 (70-100)						1	X	X	
BH-36 (100-129)						1	X	X	

PH (Cn-Cn) ☐ | O & G Min. ☐ | O & G Tot. ☐ | VOC (EPA 624) ☐ | BTEX ☐ | MAH ☐ | Phenols (GC/MS) ☐ | Phenols (Colour) ☐ | PAH ☐ | PCB (Congeners) (GC-MS) ☐ | Heavy Metals (Cd, Cr, Cu, Ni, Pb, Zn) ☐ | Metals ICP regulation - 13 ele.-soil** ☐ | 16 ele.-water*** ☐ | Mercury ☐ | Selenium-soil ☐ | Others: | F ☐ | Cl ☐ | SO4 ☐ | NO3 ☐ | NO2 + NO3 ☐ | TKN ☐ | NH3 ☐ | P-Total ☐ | pH ☐ | Conductivity ☐ | TSS ☐ | Sulfide (SH) ☐ | Total Sulphur (S) ☐ | Tot.-CN ☐ | Ox.-CN ☐ | Free CN ☐ | BOD5 ☐ | COD ☐ | Turbidity ☐ | TOC ☐ | RDS ☐ | RMD ☐ | CUM ☐ | ART. 11 ☐ | ART. 19 ☐ | Potable Water: ORG. ☐ | INOR. ☐ | THM ☐ | COLIF (Fec.) ☐ | COLIF (Tot.) ☐ | TOTAL-PC ☐ | Explosive ☐ | EPA 8260 ☐ | EPA 8095 ☐ | Other (specify): ☐

LEGEND: ** Metals 13 elements (Ag, As, Ba, Cd, Co, Cr, Cu, Sn, Mn, Mo, Ni, Pb, Zn),
*** Metals 16 elements (Al, Sb, Ag, As, Ba, Cd, Cr, Co, Cu, Mn, Mo, Ni, Pb, Se, Na, Zn).

Types of Water: G = Groundwater P = Potable LW = Liquid Waste
Sur = Surface E = Effluent C = Catchment

Applicable Regulations: (To complete)

Turnaround Time: ☒ 24h ☐ 48h ☐ 72h ☐ Regular ☐ Date:

Unless clearly identified all water samples received at Maxxam analytics will be treated as non-potable and will not be subject to the requirements under the Quebec Drinking Water Regulation.

General Condition at Reception:

Chain of Custody

Relinquished by: Tyrel Hemsley Tyrel Hemsley	Date: Mar 2/14	Time: 1807	Received by:
Relinquished by:	Date:	Time:	Received by:

Number of coolers: 2 — Temperature upon reception: 0° 0° 0° / 0° 1° 0°

Sample Transport: ☐ By Client ☐ MAXXAM Personnel ☒ Courier (Specify):

Remarks: ICE-YES SEAL-NO

KEENVCOCFORM0E - Saint-Laurent - 07/09 — WHITE: MAXXAM ANALYTICS INC — BLUE: INVOICING — YELLOW: RETURN TO CLIENT WITH FINAL REPORT — PINK: CLIENT

Mario Fraser MARIO FRASER 2014/03/05 08:10

Maxxam Analytique

Sample Analysis and Chain of Custody Record Page 4 of 4

☒ 889 Montée de Liesse, Ville St-Laurent, Québec H4T 1P5 — Telephone: (514) 448-9001 — Fax: (514) 448-9199 — Toll Free: 1-877-4MA-XXAM (462-9926)
☐ 2690 Avenue Dalton, Sainte-Foy, Québec G1P 3S4 — Telephone: (418) 658-5784 — Fax: (418) 658-6594
☐ 737 boul. Barette, Chicoutimi, Québec G7J 4C4 — Telephone: (418) 543-3788 — Fax: (418) 543-8994
www.maxxamanalytics.com

E-

Invoice Information	Report Information (if differs from invoice)
Company Name:	Company Name:
Address: Same as Page 1	Address:
Contact Name:	Contact Name:
Telephone:	Telephone:
Fax:	Fax:
Sampler:	Sampler:

Order No.: _____ Project / Site: _____
Quotation No.: _____ Project No.: E14/03172-01

I hereby acknowledge the understanding and acceptance of Maxxam's terms and conditions as listed on the back of this form.

Sample Identification (sampling point)	Sample Type: Soil	Water	Other	Sampling (date / time)	To be filtered	Number of samples	PH (Cn-Cs) ☐	O & G Min. ☐	O & G Tot. ☐	VOC (EPA 624) ☐	BTEX ☐	MAH ☐	Phenols (GC/MS) ☐	Phenols (Colorc) ☐	PAH	PCB (Congeners) (GC-MS)	Heavy Metals (Cd, Cr, Cu, Ni, Pb, Zn)	Metals (ICP regulation - 13 ele.-soil)** ☐	Metals 16 ele. water*** ☐	Mercury ☐	Selenium-soil ☐	Others:	F- ☐	Cl ☐	SO4 ☐	NO2 ☐	NO3 ☐	NO3 + NO2 ☐	TKN ☐	NH3 ☐	P-Tot. ☐	pH ☐	Conductivity ☐	TSS ☐	Sulfide (SH-) ☐	Total Sulphur (S) ☐	Tot.-CN ☐	Ox.-CN ☐	Free CN ☐	BOD5 ☐	COD ☐	Turbidity ☐	TOC ☐	RDS ☐	RMD ☐	CUM. ART. 10 ☐	ART. 11 ☐	Potable Water: ORG. ☐	INOR. ☐	THM ☐	COLIF (Fec.) ☐	COLIF (Tot.) ☐	TOTAL-PC ☐	Explosive	EPA 8330 ☐	EPA 8095 ☐	Other (specify):	CN TOTAL	CN WAD	pH
BH-37 (40-70)	X			Mar 2/14		1																																																				X	X	
BH-37 (70-109)	↓			↓		1																																																			X	X	
BH-38 (0-29)						1																																																		X	X	
BH-39 (300-350)						1																																																		X	X	
BH-39 (400-450)						1																																																		X	X	
BH-40 (400-450)						1																																																		X	X	
BH-40 (550-645)						1																																																		X	X	
BH-41 (300-350)						1																																																		X	X	
BH-41 (400-450)						1																																																		X	X	
BH-42 (300-350)	↓			↓		1																																																		X	X	

LEGEND: ** Metals 13 elements (Ag, As, Ba, Cd, Co, Cr, Cu, Sn, Mn, Mo, Ni, Pb, Zn),
*** Metals 16 elements (Al, Sb, Ag, As, Ba, Cd, Cr, Co, Cu, Mn, Mo, Ni, Pb, Se, Na, Zn).

Types of Water: G = Groundwater P = Potable LW = Liquid Waste
Sur = Surface E = Effluent C = Catchment

Applicable Regulations: _____ (To complete)

Turnaround Time: ☒ 24h ☐ 48h ☐ 72h ☐ Regular ☐ Date: _____

Unless clearly identified all water samples received at Maxxam analytics will be treated as non-potable and will not be subject to the requirements under the Quebec Drinking Water Regulation.

General Condition at Reception:

Chain of Custody

Relinquished by: Tyrel Hensley Tyrel Hensley	Date: Mar 2/14	Time: 1807	Received by:	Remarks: ICE-YES SEAL-NO
Relinquished by:	Date:	Time:	Received by:	

Number of coolers: 2 Temperature upon reception: 0° 0° 0° / 0° 1° 0°

Sample Transport: ☐ By Client ☐ MAXXAM Personnel ☒ Courier (Specify):

KEENVCOCFORM08 - Saint-Laurent - 07/09 WHITE: MAXXAM ANALYTICS INC BLUE: INVOICING YELLOW: RETURN TO CLIENT WITH FINAL REPORT PINK: CLIENT

2014/03/07 14:26

Marie France MARIE FRANCE 2014/03/05 08:10

Votre # de commande: OP-310962-J
Votre # du projet: E14103172-01

Attention: Kevin Buck

Agnico Eagle Ltée-Division Meadowbank
Meadowbank
Baker Lake, Nunavut, Canada
Meadowbank
Nunavut, QC
CANADA X0C 0A0

Date du rapport: 2014/03/12
 # Rapport: R1838755
Version: 1

CERTIFICAT D'ANALYSES

 # DE DOSSIER MAXXAM: B412113
Reçu: 2014/03/10, 08:00

Matrice: SOL
Nombre d'échantillons reçus: 28

Analyses	Quantité	Date de l' extraction	Date Analysé	Méthode de laboratoire	Référence Primaire
Cyanures disponibles*	28	2014/03/10	2014/03/12	STL SOP-00035	MA. 300 - CN 1.2
Cyanures Totaux*	28	2014/03/10	2014/03/11	STL SOP-00035	MA. 300 - CN 1.2

Notez: Les données brutes sont utilisées pour le calcul du RPD (% d'écart relatif). L'arrondissement des résultats finaux peut expliquer la variation apparente.

* Maxxam détient l'accréditation pour cette analyse selon le programme du MDDEFP.

clé de cryptage

Veuillez adresser toute question concernant ce certificat d'analyse à votre chargé(e) de projets

Rita Kurdoghlanian, Chargée de projets
Email: RKurdoghlanian@maxxam.ca
Phone# (514) 448-9001 Ext:4272

==========

Ce rapport a été produit et distribué en utilisant une procédure automatisée sécuritaire.
Maxxam a mis en place des procédures qui protègent contre l'utilisation non autorisée de la signature électronique et emploie les «signataires» requis, conformément à la section 5.10.2 de la norme ISO/CEI 17025:2005(E). Veuillez vous référer à la page des signatures de validation pour obtenir les détails des validations pour chaque division.

889 Montée de Liesse, Ville St-Laurent, Québec, Canada H4T 1P5 Tél. : (514) 448-9001 Télécopieur : (514) 448-9199 Ligne sans frais : 1-877-4MAXXAM (462-9926)

Dossier Maxxam: B412113
Date du rapport: 2014/03/12

Agnico Eagle Ltée-Division Meadowbank
Votre # du projet: E14103172-01

Votre # de commande: OP-310962-J

PARAMÈTRES CONVENTIONNELS (SOL)

Identification Maxxam					X71668	X71669	X71670	X71671	X71671		
Date d'échantillonnage					2014/03/03	2014/03/03	2014/03/03	2014/03/03	2014/03/03		
	UNITÉS	**A**	**B**	**C**	**BH-43 (0-40)**	**BH-43 (70-100)**	**BH-43 (100-121)**	**BH-44 (40-70)**	**BH-44 (40-70) Dup. de Lab.**	**LDR**	**Lot CQ**
% Humidité	%	-	-	-	41	6.9	9.9	9.9	9.9	N/A	N/A
CONVENTIONNELS											
Cyanures Totaux	mg/kg	**2**	50	500	<0.5	<0.5	<0.5	0.6	0.6	0.5	1279232
Cyanures disponibles (CN-)	mg/kg	**2**	10	100	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	1279273

N/A = Non Applicable
LDR = Limite de détection rapportée
Lot CQ = Lot Contrôle Qualité

Identification Maxxam					X71672	X71673	X71674	X71675		
Date d'échantillonnage					2014/03/03	2014/03/03	2014/03/03	2014/03/03		
	UNITÉS	**A**	**B**	**C**	**BH-44 (70-94)**	**BH-45 (40-52)**	**BH-46 (40-70)**	**BH-46 (100-139)**	**LDR**	**Lot CQ**
% Humidité	%	-	-	-	6.4	16	7.6	5.6	N/A	N/A
CONVENTIONNELS										
Cyanures Totaux	mg/kg	**2**	50	500	<0.5	<0.5	<0.5	<0.5	0.5	1279232
Cyanures disponibles (CN-)	mg/kg	**2**	10	100	<0.5	<0.5	<0.5	<0.5	0.5	1279273

N/A = Non Applicable
LDR = Limite de détection rapportée
Lot CQ = Lot Contrôle Qualité

Identification Maxxam					X71676		X71677	X71678	X71679		
Date d'échantillonnage					2014/03/03		2014/03/03	2014/03/03	2014/03/03		
	UNITÉS	**A**	**B**	**C**	**BH-47 (0-41)**	**LDR**	**BH-48 (40-70)**	**BH-48 (100-140)**	**BH-49 (40-70)**	**LDR**	**Lot CQ**
% Humidité	%	-	-	-	19	N/A	9.4	7.3	6.0	N/A	N/A
CONVENTIONNELS											
Cyanures Totaux	mg/kg	**2**	50	500	**4**	1	<0.5	<0.5	<0.5	0.5	1279232
Cyanures disponibles (CN-)	mg/kg	**2**	10	100	<0.5	0.5	<0.5	<0.5	<0.5	0.5	1279273

N/A = Non Applicable
LDR = Limite de détection rapportée
Lot CQ = Lot Contrôle Qualité

889 Montée de Liesse, Ville St-Laurent, Québec, Canada H4T 1P5 Tél. : (514) 448-9001 Télécopieur : (514) 448-9199 Ligne sans frais : 1-877-4MAXXAM (462-9926)

Dossier Maxxam: B412113
Date du rapport: 2014/03/12

Agnico Eagle Ltée-Division Meadowbank
Votre # du projet: E14103172-01

Votre # de commande: OP-310962-J

PARAMÈTRES CONVENTIONNELS (SOL)

Identification Maxxam					X71680	X71681	X71682	X71683	X71683		
Date d'échantillonnage					2014/03/03	2014/03/03	2014/03/03	2014/03/03	2014/03/03		
	UNITÉS	**A**	**B**	**C**	**BH-49 (70-100)**	**BH-50 (0-40)**	**BH-50 (70-100)**	**BH-50 (100-133)**	**BH-50 (100-133) Dup. de Lab.**	**LDR**	**Lot CQ**
% Humidité	%	-	-	-	5.5	19	7.7	6.3	6.3	N/A	N/A
CONVENTIONNELS											
Cyanures Totaux	mg/kg	**2**	50	500	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	1279232
Cyanures disponibles (CN-)	mg/kg	**2**	10	100	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	1279273

N/A = Non Applicable
LDR = Limite de détection rapportée
Lot CQ = Lot Contrôle Qualité

Identification Maxxam					X71684	X71685	X71686	X71687	X71688		
Date d'échantillonnage					2014/03/03	2014/03/03	2014/03/03	2014/03/03	2014/03/04		
	UNITÉS	**A**	**B**	**C**	**BH-51 (0-40)**	**BH-51 (70-100)**	**BH-51 (100-133)**	**BH-52 (300-350)**	**MW-01 (400-450)**	**LDR**	**Lot CQ**
% Humidité	%	-	-	-	22	9.0	4.4	0.3	2.2	N/A	N/A
CONVENTIONNELS											
Cyanures Totaux	mg/kg	**2**	50	500	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	1279232
Cyanures disponibles (CN-)	mg/kg	**2**	10	100	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	1279273

N/A = Non Applicable
LDR = Limite de détection rapportée
Lot CQ = Lot Contrôle Qualité

Identification Maxxam					X71689	X71690	X71691	X71692	X71693		
Date d'échantillonnage					2014/03/04	2014/03/05	2014/03/05	2014/03/05	2014/03/05		
	UNITÉS	**A**	**B**	**C**	**MW-03 (400-450)**	**MW-04 (70-91)**	**MW-05 (70-100)**	**MW-06 (70-122)**	**MW-07 (40-70)**	**LDR**	**Lot CQ**
% Humidité	%	-	-	-	2.4	7.6	8.4	8.0	16	N/A	N/A
CONVENTIONNELS											
Cyanures Totaux	mg/kg	**2**	50	500	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	1279232
Cyanures disponibles (CN-)	mg/kg	**2**	10	100	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	1279273

N/A = Non Applicable
LDR = Limite de détection rapportée
Lot CQ = Lot Contrôle Qualité

889 Montée de Liesse, Ville St-Laurent, Québec, Canada H4T 1P5 Tél. : (514) 448-9001 Télécopieur : (514) 448-9199 Ligne sans frais : 1-877-4MAXXAM (462-9926)

Dossier Maxxam: B412113
Date du rapport: 2014/03/12

Agnico Eagle Ltée-Division Meadowbank
Votre # du projet: E14103172-01

Votre # de commande: OP-310962-J

PARAMÈTRES CONVENTIONNELS (SOL)

Identification Maxxam					X71694	X71695	X71695		
Date d'échantillonnage					2014/03/05	2014/03/05	2014/03/05		
	UNITÉS	**A**	**B**	**C**	**MW-08 (40-70)**	**MW-08 (70-100)**	**MW-08 (70-100) Dup. de Lab.**	**LDR**	**Lot CQ**
% Humidité	%	-	-	-	9.1	6.2	6.2	N/A	N/A
CONVENTIONNELS									
Cyanures Totaux	mg/kg	**2**	50	500	<0.5	<0.5	<0.5	0.5	1279232
Cyanures disponibles (CN-)	mg/kg	**2**	10	100	<0.5	<0.5	<0.5	0.5	1279273

N/A = Non Applicable
LDR = Limite de détection rapportée
Lot CQ = Lot Contrôle Qualité

889 Montée de Liesse, Ville St-Laurent, Québec, Canada H4T 1P5 Tél. : (514) 448-9001 Télécopieur : (514) 448-9199 Ligne sans frais : 1-877-4MAXXAM (462-9926)

Dossier Maxxam: B412113
Date du rapport: 2014/03/12

Agnico Eagle Ltée-Division Meadowbank
Votre # du projet: E14103172-01

Votre # de commande: OP-310962-J

REMARQUES GÉNÉRALES

État des échantillons à l'arrivée: BON

Tous les résultats sont calculés sur une base sèche excepté lorsque non-applicable.

A,B,C: Ces critères proviennent de l'Annexe 2 de la « Politique de protection des sols et de réhabilitation des terrains contaminés ». Pour les analyses de métaux(et métalloides) dans les sols, le critère A désigne la « Teneur de fond Secteur Basses-Terres du Saint-Laurent ».
A,B-eau souterraine: A=Critère pour fin de consommation; B=Critère pour la résurgence dans les eaux de surface ou infiltration dans les égouts.
Ces références ne sont rapportées qu'à titre indicatif et ne doivent être interprétées dans aucun autre contexte.

- = Ce composé ne fait pas parti de la réglementation.

PARAMÈTRES CONVENTIONNELS (SOL)

Veuillez noter que les résultats n'ont pas été corrigés ni pour la récupération des échantillons de contrôle qualité, ni pour le blanc de méthode.
Les limites de détections indiquées sont multipliées par les facteurs de dilution utilisés pour l'analyse des échantillons.

Les résultats ne se rapportent qu'aux échantillons soumis pour analyse

889 Montée de Liesse, Ville St-Laurent, Québec, Canada H4T 1P5 Tél. : (514) 448-9001 Télécopieur : (514) 448-9199 Ligne sans frais : 1-877-4MAXXAM (462-9926)

Agnico Eagle Ltée-Division Meadowbank
Attention: Kevin Buck
Votre # du projet: E14103172-01
P.O. #: OP-310962-J
Adresse du site:

Rapport Assurance Qualité

Dossier Maxxam: B412113

Lot Num	Lot Init	Type CQ	Groupe	Date Analysé aaaa/mm/jj	Valeur	Réc	UNITÉS
1279232	DB2	MRC	Cyanures Totaux	2014/03/11		96	%
		Blanc fortifié	Cyanures Totaux	2014/03/11		109	%
		Blanc de méthode	Cyanures Totaux	2014/03/11	<0.5		mg/kg
1279273	CC6	Blanc fortifié	Cyanures disponibles (CN-)	2014/03/12		109	%
		Blanc de méthode	Cyanures disponibles (CN-)	2014/03/12	<0.5		mg/kg

MRC: Un échantillon de concentration connue préparé dans des conditions rigoureuses par un organisme externe. Utilisé pour vérifier la justesse de la méthode.
Blanc fortifié: Un blanc, d'une matrice exempte de contaminants, auquel a été ajouté une quantité connue d'analyte provenant généralement d'une deuxième source. Utilisé pour évaluer la précision de la méthode.
Blanc de méthode: Une partie aliquote de matrice pure soumise au même processus analytique que les échantillons, du prétraitement au dosage. Sert à évaluer toutes contaminations du laboratoire.
Réc = Récupération

889 Montée de Liesse, Ville St-Laurent, Québec, Canada H4T 1P5 Tél. : (514) 448-9001 Télécopieur : (514) 448-9199 Ligne sans frais : 1-877-4MAXXAM (462-9926)

Page des signatures de validation

Dossier Maxxam: B412113

Les résultats analytiques ainsi que les données de contrôle-qualité contenus dans ce rapport furent vérifiés et validés par les personnes suivantes:

Delia Barbul, B.Sc., Chimiste

==========

Maxxam a mis en place des procédures qui protègent contre l'utilisation non autorisée de la signature électronique et emploie les «signataires» requis, conformément à la section 5.10.2 de la norme ISO/CEI 17025:2005(E). Veuillez vous référer à la page des signatures de validation pour obtenir les détails des validations pour chaque division.

889 Montée de Liesse, Ville St-Laurent, Québec, Canada H4T 1P5 Tél. : (514) 448-9001 Télécopieur : (514) 448-9199 Ligne sans frais : 1-877-4MAXXAM (462-9926)

10-Mar-14 08:00
Alain Lemieux
B412113
ICB MTL-0084

Maxxam Analytique

☒ 889 Montée de Liesse, Ville St-Laurent, Québec H4T 1P
☐ 2690 Avenue Dalton, Sainte-Foy, Québec G1P 3S4
☐ 737 boul. Barette, Chicoutimi, Québec G7J 4C4

Analysis and Chain of Custody Record

: 1-877-4MA-XXAM (462-9926) Page 1 of 3

E-

Invoice Information	Report Information (if differs from invoice)
Company Name: AEM Meadowbank	Company Name:
Address: 10200 route de Preissac, Rouyn-Noranda J0Y 1C0	Address:
Contact Name: Kevin Bach	Contact Name:
Telephone: 819.759.3555 x6838	Telephone:
Fax: 819.759.3613	Fax:
Sampler: Tyrel / Tom / Martin	Sampler:

I hereby acknowledge the understanding and acceptance of Maxxam's terms and conditions as listed on the back of this form.

Order No.: Project / Site:

Quotation No.: Project No.: E14103172-01

Sample Identification (sampling point)	Sample: Soil	Water	Type	Other	Sampling (date / time)	To be filtered	Number of samples	PH [Cc-Cc]	O & G Tot.	O & G Min.	VOC (EPA 624)	BTEX	MAH	Phenols (GC/MS)	Phenols (Colour)	PAH	PCB (Congeners) (GC-MS)	Heavy Metals (Cd, Cr, Cu, Ni, Pb, Zn)	16 ele. water***	Metals (ICP regulation - 13 ele.-soil**	Selenium-soil	Others:	Mercury	F	Cl	SO4	NO2	NO3 + NO2	TKN	P-Tot.	NH3	Conductivity	TSS	pH	Sulfide [S2-]	Total Sulphur [S]	Tot-CN	Ox.-CN	Free CN	BODs	COD	Turbidity	TOC	RBS	RMD	CUM	AST.10	AST.11	TKM	INOR.	ORG.	Potable Water	COLIF [Fec.]	TOTAL-PC	COLIF [Tot.]	Explosive	EPA 8330	EPA 8095	Other (specify):	CN Total	CN WAD
BH-43 (0-40)	X				Mar. 3/14		1																																																		X	X
BH-43 (70-100)							1																																																	X	X
BH-43 (100-121)							1																																																	X	X
BH-44 (40-70)							1																																																	X	X
BH-44 (70-94)							1																																																	X	X
BH-45 (40-52)							1																																																	X	X
BH-46 (40-70)							1																																																	X	X
BH-46 (100-139)							1																																																	X	X
BH-47 (0-41)							1																																																	X	X
BH-48 (40-70)	↓				↓		1																																																	X	X

LEGEND: ** Metals 13 elements (Ag, As, Ba, Cd, Co, Cr, Cu, Sn, Mn, Mo, Ni, Pb, Zn),
*** Metals 16 elements (Al, Sb, Ag, As, Ba, Cd, Cr, Co, Cu, Mn, Mo, Ni, Pb, Se, Na, Zn).

Types of Water: G = Groundwater P = Potable LW = Liquid Waste
Sur = Surface E = Effluent C = Catchment

Applicable Regulations: (To complete)

Turnaround Time: ☒ 24h ☐ 48h ☐ 72h ☐ Regular ☐ Date:

Unless clearly identified all water samples received at Maxxam analytics will be treated as non-potable and will not be subject to the requirements under the Quebec Drinking Water Regulation.

General Condition at Reception:
ICE NO
seal NO

Chain of Custody

Relinquished by: Tyrel Hemsley Tyrel Hemsley	Date: Mar 5/14	Time: 1824	Received by:
Relinquished by:	Date: 2014/03/10	Time: 08:00	Received by: CATALINA BORGEA
Number of coolers: 2	Temperature upon reception:		2° 2° 2° 1° 1° 1°
Sample Transport: ☐ By Client ☐ MAXXAM Personnel ☒ Courier (Specify):			

Remarks:

KEENVCOCFORMQE - Saint-Laurent - 07/09 WHITE: MAXXAM ANALYTICS INC BLUE: INVOICING YELLOW: RETURN TO CLIENT WITH FINAL REPORT PINK: CLIENT

Maxxam Analytique
☒ 889 Montée de Liesse, Ville St-Laurent, Québec H4T 1P5 Telephone: (514) 448-9001 Fax: (514) 448-9199 Toll Free: 1-877-4MA-XXAM (462-9926)
☐ 2690 Avenue Dalton, Sainte-Foy, Québec G1P 3S4 Telephone: (418) 658-5784 Fax: (418) 658-6594
☐ 737 boul. Barette, Chicoutimi, Québec G7J 4C4 Telephone: (418) 543-3788 Fax: (418) 543-8994
www.maxxamanalytics.com

Sample Analysis and Chain of Custody Record

Invoice Information	Report Information (if differs from invoice)
Company Name:	Company Name:
Address: Same as page 1	Address:
Contact Name:	Contact Name:
Telephone:	Telephone:
Fax:	Fax:
Sampler:	Sampler:

I hereby acknowledge the understanding and acceptance of Maxxam's terms and conditions as listed on the back of this form.

Order No.: Project / Site:

Quotation No.: Project No.: E14103172-01

Sample Identification (sampling point)	Sample Type: Soil	Sample Type: Water	Sample Type: Other	Sampling (date / time)	To be filtered	Number of samples	CN TOTAL	CN WAD
BH-48 (100-140)	X			Mar. 3/14		1	X	X
BH-49 (40-70)	|			|		1	X	X
BH-49 (70-100)	|			|		1	X	X
BH-50 (0-40)	|			|		1	X	X
BH-50 (70-100)	|			|		1	X	X
BH-50 (100-133)	|			|		1	X	X
BH-51 (0-40)	|			|		1	X	X
BH-51 (70-100)	|			|		1	X	X
BH-51 (100-133)	|			|		1	X	X
BH-52 (300-350)	V			V		1	X	X

PH [Cr-Cr6] ☐ | O & G Min. ☐ | O & G Tot. ☐ | VOC [EPA 624] ☐ | BTEX ☐ MAH ☐ | Phenols [GC/MS] ☐ | Phenols (Colour) ☐ | PAH ☐ | PCB [Congeners] [GC-MS] ☐ | Heavy Metals [Cd, Cr, Cu, Ni, Pb, Zn] ☐ | Metals ICP regulation - 13 ele.-soil** ☐ | 16 ele.-water*** ☐ | Mercury ☐ | Selenium-soil ☐ | Others: ☐ | F ☐ | Cl ☐ | SO4 ☐ | NO2 ☐ | NO3 ☐ | NO2 + NO3 ☐ | TKN ☐ | NH3 ☐ | P-Tot. ☐ | pH ☐ | Conductivity ☐ | TSS ☐ | Total Sulphur (S) ☐ | Sulfide (SH-) ☐ | Tot.-CN ☐ | Ox.-CN ☐ | Free CN ☐ | BOD5 ☐ | COD ☐ | Turbidity ☐ | TOC ☐ | BDS ☐ | RMD ☐ | CUM ☐ | ART.-10 ☐ | ART.-11 ☐ | Potable Water: ORG. ☐ | INORG. ☐ | THM ☐ | COLIF (Fec.) ☐ | COLIF (Tot.) ☐ | TOTAL-PC ☐ | Explosive ☐ | EPA 8260 ☐ | EPA 8330 ☐ | Other (specify): ☐

LEGEND: ** Metals 13 elements (Ag, As, Ba, Cd, Co, Cr, Cu, Sn, Mn, Mo, Ni, Pb, Zn),
*** Metals 16 elements (Al, Sb, Ag, As, Ba, Cd, Cr, Co, Cu, Mn, Mo, Ni, Pb, Se, Na, Zn).

Types of Water: G = Groundwater P = Potable LW = Liquid Waste Sur = Surface E = Effluent C = Catchment

Applicable Regulations: _____ (To complete)

Turnaround Time: ☒ 24h ☐ 48h ☐ 72h ☐ Regular ☐ Date: _____

Unless clearly identified all water samples received at Maxxam analytics will be treated as non-potable and will not be subject to the requirements under the Quebec Drinking Water Regulation.

General Condition at Reception: ICE NO Real NO

Chain of Custody

Relinquished by: Tyrel Hemsley Tyrel Hemsley	Date: Mar 5/14	Time: 1824	Received by:
Relinquished by:	Date: 2014/03/10	Time: 08:00	Received by: CATALINA BORGES

Number of coolers: 2 Temperature upon reception: 2° 2° 2° 1° 1° 1°

Sample Transport: ☐ By Client ☐ MAXXAM Personnel ☒ Courier (Specify):

Remarks:

KEENVCOCFORM0E - Saint-Laurent - 07/09 WHITE: MAXXAM ANALYTICS INC BLUE: INVOICING YELLOW: RETURN TO CLIENT WITH FINAL REPORT PINK: CLIENT

Sample Analysis and Chain of Custody Record

Maxxam Analytique

☒ 889 Montée de Liesse, Ville St-Laurent, Québec H4T 1P5 — Telephone: (514) 448-9001 — Fax: (514) 448-9199 — Toll Free: 1-877-4MA-XXAM (462-9926)
☐ 2690 Avenue Dalton, Sainte-Foy, Québec G1P 3S4 — Telephone: (418) 658-5784 — Fax: (418) 658-6594
☐ 737 boul. Barette, Chicoutimi, Québec G7J 4C4 — Telephone: (418) 543-3788 — Fax: (418) 543-8994
www.maxxamanalytics.com

E:

Invoice Information	Report Information (if differs from invoice)
Company Name:	Company Name:
Address: Same as	Address: Page 1
Contact Name:	Contact Name:
Telephone:	Telephone:
Fax:	Fax:
Sampler:	Sampler:

Order No.: _____ Project / Site: _____
Quotation No.: _____ Project No.: E14(03172-01

I hereby acknowledge the understanding and acceptance of Maxxam's terms and conditions as listed on the back of this form.

Sample Identification (sampling point)	Sample: Soil	Water	Other	Sampling (date / time)	To be filtered	Number of samples	PH (Ox-Cx)	O & G Min.	O & G Tot.	VOC (EPA 624)	BTEX	MAH	Phenols (Colloz)	Phenols (GC/MS)	PAH	PCB (Congeners) (GC-MS)	Heavy Metals (Cd, Cr, Cu, Ni, Pb, Zn)	16 eléments***	Metals (CCP regulation - 13 eléments**)	Others:	Mercury	Selenium-soil	F	Cl	SO4	NOx	NO2	NO3 + NO2	TKN	P-Tot.	Conductivity	TSS	pH	Sulfide (Strl.)	Total Sulphur (S)	Ox.-Cn	Free Cn	Tot.-Cn	BOD5	COD	Turbidity	TOC	RDS	RMD	CUM	ART. 10	Potable Water: ORG.	INORG.	THM	COLIF (Fec.)	COLIF (Tot.)	TOTAL-PC	Explosive	EPA 8260	EPA 8270	Other (specify):			
MW-01 (400-450)	X			Mar 4/14		1																																																	X	X
MW-03 (400-450)				↓		1																																																X	X
MW-04 (70-91)				Mar. 5/14		1																																																X	X
MW-05 (70-100)						1																																																	X	X
MW-06 (70-122)						1																																																	X	X
MW-07 (40-70)						1																																																	X	X
MW-08 (40-70)						1																																																	X	X
MW-08 (70-100)	↓			↓		1																																																	X	X

LEGEND: ** Metals 13 elements (Ag, As, Ba, Cd, Co, Cr, Cu, Sn, Mn, Mo, Ni, Pb, Zn),
*** Metals 16 elements (Al, Sb, Ag, As, Ba, Cd, Cr, Co, Cu, Mn, Mo, Ni, Pb, Se, Na, Zn).

Types of Water: G = Groundwater P = Potable LW = Liquid Waste Sur = Surface E = Effluent C = Catchment

Applicable Regulations: _____ (To complete)

Turnaround Time: ☒ 24h ☐ 48h ☐ 72h ☐ Regular ☐ Date: _____

Unless clearly identified all water samples received at Maxxam analytics will be treated as non-potable and will not be subject to the requirements under the Quebec Drinking Water Regulation.

General Condition at Reception: Real NO ICE NO

Chain of Custody

Relinquished by: Tyrel Hemsley Tyrel Hemsley	Date: Mar. 5/14	Time: 1824	Received by:
Relinquished by:	Date: 2014/03/10	Time: 08:00	Received by: CATALINA BORGEA
Number of coolers: 2	Temperature upon reception:		2° 2° 2° 1° 1° 1°
Sample Transport: ☐ By Client ☐ MAXXAM Personnel ☒ Courier (Specify):			

Remarks:

KEEN/COCFORMOE - Saint-Laurent - 07/09 — WHITE: MAXXAM ANALYTICS INC — BLUE: INVOICING — YELLOW: RETURN TO CLIENT WITH FINAL REPORT — PINK: CLIENT

Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-32662

Sampling location:	BH-11	Sampling date:	February 22, 2014
Sample name:	BH-11	Sampling hour:	N/D
Sampled by:	Tom Thomson / Tyrel	Date received:	February 26, 2014
Matrix:	Water		

Drinking water distribution:

Reported on: February 28, 2014

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

125, boul Industriel
Rouyn-Noranda (Québec)
J9X 6P2
Tél: (819) 797-0550
Fax:(819) 797-2155
Courriel:
multilab@cablevision.qc.ca

Analytical Report

Lab number: V-32662

Sample name: BH-11
Sampling location: BH-11
Sampling date: February 22, 2014
Sampling hour: N/D

Parameter	Result	Method name	Analysis date
Total Cyanide (CNt)	1.76 mg/L	M-CN-1.0	February 26, 2014
Cyanide W.A.D.	1.48 mg/L	Sous-traitance\Multilab Direct	February 26, 2014

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

125, boul Industriel
Rouyn-Noranda (Québec)
J9X 6P2
Tél: (819) 797-0550
Fax:(819) 797-2155
Courriel:
multilab@cablevision.qc.ca

Detection limit

Lab number: V-32662

Sample name: BH-11
Sampling location: BH-11
Sampling date: February 22, 2014
Sampling hour: N/D

Parameter	Value	Unit	Method	Accreditation
Total Cyanide (CNt)	0.005	mg/L	M-CN-1.0	Yes
Cyanide W.A.D.	0.005	mg/L	Sous-traitance	Yes

125, boul Industriel
Rouyn-Noranda (Québec)
J9X 6P2
Tél: (819) 797-0550
Fax:(819) 797-2155
Courriel:
multilab@cablevision.qc.ca

Quality control Report

Lab number: V-32662

Sample name: BH-11 | Sampling date: February 22, 2014

Sampling location: BH-11 | Sampling hour: N/D

Parameter		
Total Cyanide (CNt) mg/L	Blank	<0.005
	Standard name	DMR-0025-2014-7
	Result	0.0800
	Accuracy	98.2%
	Limit	0.0693 - 0.0937

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

125, boul Industriel
Rouyn-Noranda (Québec)
J9X 6P2
Tél: (819) 797-0550
Fax:(819) 797-2155
Courriel:
multilab@cablevision.qc.ca

Additional information

Lab number: V-32662

Sample name: BH-11
Sampling location: BH-11
Sampling date: February 22, 2014
Sampling hour: N/D

There was no bottle for the analysis of pH.

Lab method	Method reference
M-CN-1.0	MA.300-CN 1.2

125, boul Industriel
Rouyn-Noranda (Québec)
J9X 6P2
Tél: (819) 797-0550
Fax:(819) 797-2155
Courriel:
multilab@cablevision.qc.ca

Analytical Report

Company: **Agnico Eagle Division Meadowbank**

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

Lab number: V-32663

Sampling location:	BH-22	Sampling date:	February 23, 2014
Sample name:	BH-22	Sampling hour:	N/D
Sampled by:	Tom Thomson / Tyrel	Date received:	February 26, 2014
Matrix:	Water		

Drinking water distribution:

Reported on: February 28, 2014

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

125, boul Industriel
Rouyn-Noranda (Québec)
J9X 6P2
Tél: (819) 797-0550
Fax:(819) 797-2155
Courriel:
multilab@cablevision.qc.ca

Analytical Report

Lab number: V-32663

Sample name: BH-22
Sampling location: BH-22
Sampling date: February 23, 2014
Sampling hour: N/D

Parameter	Result	Method name	Analysis date
Total Cyanide (CNt)	24.59 mg/L	M-CN-1.0	February 26, 2014
Cyanide W.A.D.	10.6 mg/L	Sous-traitance\Multilab Direct	February 26, 2014

125, boul Industriel
Rouyn-Noranda (Québec)
J9X 6P2
Tél: (819) 797-0550
Fax:(819) 797-2155
Courriel:
multilab@cablevision.qc.ca

Detection limit

Lab number: V-32663

Sample name: BH-22
Sampling location: BH-22
Sampling date: February 23, 2014
Sampling hour: N/D

Parameter	Value	Unit	Method	Accreditation
Total Cyanide (CNt)	0.005	mg/L	M-CN-1.0	Yes
Cyanide W.A.D.	0.005	mg/L	Sous-traitance	Yes

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

125, boul Industriel
Rouyn-Noranda (Québec)
J9X 6P2
Tél: (819) 797-0550
Fax:(819) 797-2155
Courriel:
multilab@cablevision.qc.ca

Quality control Report

Lab number: V-32663

Sample name: BH-22
Sampling location: BH-22
Sampling date: February 23, 2014
Sampling hour: N/D

Parameter		
Total Cyanide (CNt) mg/L	Blank	<0.005
	Standard name	DMR-0025-2014-7
	Result	0.0800
	Accuracy	98.2%
	Limit	0.0693 - 0.0937

125, boul Industriel
Rouyn-Noranda (Québec)
J9X 6P2
Tél: (819) 797-0550
Fax:(819) 797-2155
Courriel:
multilab@cablevision.qc.ca

Additional information

Lab number: V-32663

Sample name: BH-22
Sampling location: BH-22
Sampling date: February 23, 2014
Sampling hour: N/D

There was no bottle for the analysis of pH.

Lab method	Method reference
M-CN-1.0	MA.300-CN 1.2

125, boul Industriel
Rouyn-Noranda (Québec)
J9X 6P2
Tél: (819) 797-0550
Fax:(819) 797-2155
Courriel:
multilab@cablevision.qc.ca

Analytical Report

Company: **Agnico Eagle Division Meadowbank**

Client: M. Stephane Robert
Address: General Delivery
Baker Lake Nunavut X0C 0A0
Phone: (604) 677-0689 (--)
Fax: (604) 677-0687

Lab number: V-32758

Sampling location:	BH-47	Sampling date:	March 03, 2014
Sample name:	BH-47	Sampling hour:	N/D
Sampled by:	Tyrel Hemsley	Date received:	March 07, 2014
Matrix:	Waste Water		

Drinking water distribution:

Reported on: March 10, 2014

Unless otherwise stated, all samples were received in acceptable condition.

Results relate only to the sample tested.

All samples will be disposed of after 30 days following analysis.

125, boul Industriel
Rouyn-Noranda (Québec)
J9X 6P2
Tél: (819) 797-0550
Fax:(819) 797-2155
Courriel:
multilab@cablevision.qc.ca

Analytical Report

Lab number: V-32758

Sample name: BH-47
Sampling location: BH-47
Sampling date: March 03, 2014
Sampling hour: N/D

Parameter	Result	Method name	Analysis date
Cyanide W.A.D.	0.101 mg/L	Sous-traitance\Multilab Direct	March 07, 2014
Total Cyanide (CNt)	1.05 mg/L	M-CN-1.0	March 07, 2014

Sauf indication contraire, tous les échantillons ont été reçus en bon état.

125, boul Industriel
Rouyn-Noranda (Québec)
J9X 6P2
Tél: (819) 797-0550
Fax:(819) 797-2155
Courriel:
multilab@cablevision.qc.ca

Detection limit

Lab number: V-32758

Sample name: BH-47
Sampling location: BH-47
Sampling date: March 03, 2014
Sampling hour: N/D

Parameter	Value	Unit	Method	Accreditation
Cyanide W.A.D.	0.005	mg/L	Sous-traitance	Yes
Total Cyanide (CNt)	0.005	mg/L	M-CN-1.0	Yes

125, boul Industriel
Rouyn-Noranda (Québec)
J9X 6P2
Tél: (819) 797-0550
Fax:(819) 797-2155
Courriel:
multilab@cablevision.qc.ca

Quality control Report

Lab number: V-32758

Sample name: BH-47 | Sampling date: March 03, 2014

Sampling location: BH-47 | Sampling hour: N/D

Parameter		
Total Cyanide (CNt) mg/L	Blank	<0.005
	Standard name	DMR-0025-2014-7
	Result	0.0820
	Accuracy	99.4%
	Limit	0.0693 - 0.0937

125, boul Industriel
Rouyn-Noranda (Québec)
J9X 6P2
Tél: (819) 797-0550
Fax:(819) 797-2155
Courriel:
multilab@cablevision.qc.ca

Additional information

Lab number: V-32758
Sample name: BH-47
Sampling location: BH-47
Sampling date: March 03, 2014
Sampling hour: N/D

Lab method	Method reference
M-CN-1.0	MA.300-CN 1.2

125, boul Industriel
Rouyn-Noranda (Québec)
J9X 6P2
Tél: (819) 797-0550
Fax:(819) 797-2155
Courriel:
multilab@cablevision.qc.ca

APPENDIX B
BOREHOLE NOTES AND MONITORING WELL LOGS

MEADOWBANK ASSAY ROAD SEEPAGE	AGNICO EAGLE MINES LIMITED	PROJECT NO. - BOREHOLE NO.
	DRILL: DOWN HOLE HAMMER - AIR ROTARY	E14103172-01.002-MW-01
MEADOWBANK. NU		

SAMPLE TYPE: DISTURBED | NO RECOVERY | SPT | A-CASING | SHELBY TUBE | CORE

BACKFILL TYPE: BENTONITE | PEA GRAVEL | SLOUGH | GROUT | DRILL CUTTINGS | SAND

Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	MOISTURE CONTENT (PLASTIC / M.C. / LIQUID)	STANDARD PENETRATION (N) 20 40 60 80; UNC. COMPRESSIVE STRENGTH (kPa) 50 100 150 200; POCKET PEN. (kPa) 100 200 300 400	MW01	Depth (ft)
0	FILL - grey, frozen to 1.90 metres					0
1						5
2						
3						10
4						
5	BEDROCK					15
	END OF BOREHOLE (5.23 metres) Monitoring well installed to 5.23 metres					
6						20
7						
7.5						25

TETRA TECH EBA

LOGGED BY: TH	COMPLETION DEPTH: 5.23 m
REVIEWED BY: MB	COMPLETE: 14/03/04
DRAWING NO:	Page 1 of 1

MEADOWBANK ASSAY ROAD SEEPAGE	AGNICO EAGLE MINES LIMITED	PROJECT NO. - BOREHOLE NO.
	DRILL: DOWN HOLE HAMMER - AIR ROTARY	E14103172-01.002-MW-02
MEADOWBANK. NU		

SAMPLE TYPE: DISTURBED | NO RECOVERY | SPT | A-CASING | SHELBY TUBE | CORE

BACKFILL TYPE: BENTONITE | PEA GRAVEL | SLOUGH | GROUT | DRILL CUTTINGS | SAND

Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	MOISTURE CONTENT: PLASTIC / M.C. / LIQUID (20 40 60 80)	STANDARD PENETRATION (N) 20 40 60 80; UNC. COMPRESSIVE STRENGTH (kPa) 50 100 150 200; POCKET PEN. (kPa) 100 200 300 400	MW02	Depth (ft)
0	FILL - frozen to 2.40 metres					0
1						5
2						
3						10
4	- water at installation					
5						15
6						20
7	BEDROCK END OF BOREHOLE (6.50 metres) slough - 5.43 metres at 0 hrs. Monitoring well installed to 5.43 metres					
7.5						25

TETRA TECH EBA

LOGGED BY: TH	COMPLETION DEPTH: 6.5 m
REVIEWED BY: MB	COMPLETE: 14/03/04
DRAWING NO:	Page 1 of 1

MEADOWBANK ASSAY ROAD SEEPAGE	AGNICO EAGLE MINES LIMITED	PROJECT NO. - BOREHOLE NO.
	DRILL: DOWN HOLE HAMMER - AIR ROTARY	E14103172-01.002-MW-03
MEADOWBANK. NU		

SAMPLE TYPE: DISTURBED | NO RECOVERY | SPT | A-CASING | SHELBY TUBE | CORE

BACKFILL TYPE: BENTONITE | PEA GRAVEL | SLOUGH | GROUT | DRILL CUTTINGS | SAND

Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	MOISTURE CONTENT	PLASTIC / M.C. / LIQUID (20 40 60 80)	STANDARD PENETRATION (N) 20 40 60 80; UNC. COMPRESSIVE STRENGTH (kPa) 50 100 150 200; POCKET PEN. (kPa) 100 200 300 400	MW03	Depth (ft)
0	FILL - grey, frozen to 2.70 metres						0
1							5
2							
3							10
4							
5							15
	BEDROCK						
	END OF BOREHOLE (5.29 metres) Monitoring well installed to 5.29 metres						
6							20
7							
7.5							25

TETRA TECH EBA

LOGGED BY: TH	COMPLETION DEPTH: 5.29 m
REVIEWED BY: MB	COMPLETE: 14/03/04
DRAWING NO:	Page 1 of 1

MEADOWBANK ASSAY ROAD SEEPAGE	AGNICO EAGLE MINES LIMITED	PROJECT NO. - BOREHOLE NO.
	DRILL: DOWN HOLE HAMMER - AIR ROTARY	E14103172-01.002-MW-04
MEADOWBANK. NU		

SAMPLE TYPE: DISTURBED | NO RECOVERY | SPT | A-CASING | SHELBY TUBE | CORE

BACKFILL TYPE: BENTONITE | PEA GRAVEL | SLOUGH | GROUT | DRILL CUTTINGS | SAND

Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	MOISTURE CONTENT (PLASTIC / M.C. / LIQUID; 20 40 60 80)	STANDARD PENETRATION (N) 20 40 60 80; UNC. COMPRESSIVE STRENGTH (kPa) 50 100 150 200; POCKET PEN. (kPa) 100 200 300 400	MW04	Depth (ft)
0	TUNDRA - undisturbed soil, reddish brown, frozen					0
1	BEDROCK					5
	END OF BOREHOLE (1.03 metres) Monitoring well installed to 1.03 metres					
2						10
3						
4						15
5						
6						20
7						
7.5						25

TETRA TECH EBA

LOGGED BY: TH	COMPLETION DEPTH: 1.03 m
REVIEWED BY: MB	COMPLETE: 14/03/05
DRAWING NO:	Page 1 of 1

MEADOWBANK ASSAY ROAD SEEPAGE	AGNICO EAGLE MINES LIMITED	PROJECT NO. - BOREHOLE NO.
	DRILL: DOWN HOLE HAMMER - AIR ROTARY	E14103172-01.002-MW-05
MEADOWBANK. NU		

SAMPLE TYPE: DISTURBED | NO RECOVERY | SPT | A-CASING | SHELBY TUBE | CORE

BACKFILL TYPE: BENTONITE | PEA GRAVEL | SLOUGH | GROUT | DRILL CUTTINGS | SAND

Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	MOISTURE CONTENT (PLASTIC / M.C. / LIQUID)	STANDARD PENETRATION (N) / UNC. COMPRESSIVE STRENGTH (kPa) / POCKET PEN. (kPa)	MW05	Depth (ft)
0	TUNDRA - undisturbed soil, reddish brown, frozen					0
1	BEDROCK					5
	END OF BOREHOLE (1.32 metres) Monitoring well installed to 1.32 metres					
2						10
3						
4						15
5						
6						20
7						
7.5						25

STANDARD PENETRATION (N): 20 40 60 80

UNC. COMPRESSIVE STRENGTH (kPa): 50 100 150 200

POCKET PEN. (kPa): 100 200 300 400

PLASTIC M.C. LIQUID: 20 40 60 80

TETRA TECH EBA

LOGGED BY: TH	COMPLETION DEPTH: 1.32 m
REVIEWED BY: MB	COMPLETE: 14/03/05
DRAWING NO:	Page 1 of 1

MEADOWBANK ASSAY ROAD SEEPAGE	AGNICO EAGLE MINES LIMITED	PROJECT NO. - BOREHOLE NO.
	DRILL: DOWN HOLE HAMMER - AIR ROTARY	E14103172-01.002-MW-06
MEADOWBANK. NU		

SAMPLE TYPE: DISTURBED | NO RECOVERY | SPT | A-CASING | SHELBY TUBE | CORE

BACKFILL TYPE: BENTONITE | PEA GRAVEL | SLOUGH | GROUT | DRILL CUTTINGS | SAND

Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	MOISTURE CONTENT (PLASTIC / M.C. / LIQUID)	STANDARD PENETRATION (N) 20 40 60 80; UNC. COMPRESSIVE STRENGTH (kPa) 50 100 150 200; POCKET PEN. (kPa) 100 200 300 400	MW'06	Depth (ft)
0	TUNDRA - undisturbed soil, reddish brown, frozen					0
1						5
	BEDROCK					
	END OF BOREHOLE (1.36 metres) Monitoring well installed to 1.36 metres					
2						10
3						
4						15
5						
6						20
7						
7.5						25

TETRA TECH EBA

LOGGED BY: TH	COMPLETION DEPTH: 1.36 m
REVIEWED BY: MB	COMPLETE: 14/03/05
DRAWING NO:	Page 1 of 1

MEADOWBANK ASSAY ROAD SEEPAGE	AGNICO EAGLE MINES LIMITED	PROJECT NO. - BOREHOLE NO.
	DRILL: DOWN HOLE HAMMER - AIR ROTARY	E14103172-01.002-MW-07
MEADOWBANK. NU		

SAMPLE TYPE: DISTURBED | NO RECOVERY | SPT | A-CASING | SHELBY TUBE | CORE

BACKFILL TYPE: BENTONITE | PEA GRAVEL | SLOUGH | GROUT | DRILL CUTTINGS | SAND

Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	MOISTURE CONTENT (PLASTIC / M.C. / LIQUID)	STANDARD PENETRATION (N) 20 40 60 80; UNC. COMPRESSIVE STRENGTH (kPa) 50 100 150 200; POCKET PEN. (kPa) 100 200 300 400	MW07	Depth (ft)
0	TUNDRA - undisturbed soil, reddish brown, frozen					0
1						5
	BEDROCK					
	END OF BOREHOLE (1.62 metres) Monitoring well installed to 1.62 metres					
2						
3						10
4						
5						15
6						20
7						
7.5						25

TETRA TECH EBA

LOGGED BY: TH	COMPLETION DEPTH: 1.63 m
REVIEWED BY: MB	COMPLETE: 14/03/05
DRAWING NO:	Page 1 of 1

MEADOWBANK ASSAY ROAD SEEPAGE	AGNICO EAGLE MINES LIMITED	PROJECT NO. - BOREHOLE NO.
	DRILL: DOWN HOLE HAMMER - AIR ROTARY	E14103172-01.002-MW-08
MEADOWBANK. NU		

SAMPLE TYPE: DISTURBED | NO RECOVERY | SPT | A-CASING | SHELBY TUBE | CORE

BACKFILL TYPE: BENTONITE | PEA GRAVEL | SLOUGH | GROUT | DRILL CUTTINGS | SAND

Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	MOISTURE CONTENT (PLASTIC / M.C. / LIQUID)	STANDARD PENETRATION (N) 20 40 60 80 / UNC. COMPRESSIVE STRENGTH (kPa) 50 100 150 200 / POCKET PEN. (kPa) 100 200 300 400	MW08	Depth (ft)
0	TUNDRA - undisturbed soil, reddish brown, frozen					0
1						5
	BEDROCK					
	END OF BOREHOLE (1.33 metres) Monitoring well installed to 1.33 metres					
2						
3						10
4						
						15
5						
6						20
7						
7.5						25

TETRA TECH EBA

LOGGED BY: TH	COMPLETION DEPTH: 1.33 m
REVIEWED BY: MB	COMPLETE: 14/03/05
DRAWING NO:	Page 1 of 1

APPENDIX C
INTERCEPTION TRENCH AS-BUILT DRAWINGS

FORMAT ANSI B–PORTRAIT

Site Service building

Wing 12

Wing 7

Assay lab

First containment

Freshwater pipe

Interception trench

Electric cable

Collection point

BH-01 BH-02 BH-03 BH-04 BH-05 BH-06 BH-07 BH-08 BH-09 BH-10 BH-11 BH-12 BH-17 BH-18 BH-19 BH-20 BH-21 BH-22 BH-23 BH-24 BH-25 BH-26 BH-31 BH-32 BH-33 BH-34 BH-36 BH-37 BH-38 BH-39 BH-40 BH-41 BH-43 BH-44 BH-45 BH-46 BH-47 BH-48 BH-49 BH-50 BH-51 BH-52

MW-01 MW-02 MW-03 MW-04 MW-05 MW-06 MW-07

Seep-1 Seep-2 Seep-3

A A' B B' C C' D D'

LEGEND

- GROUNDWATER MONITORING WELL
- SEEP SAMPLE (ICE AT SURFACE CYANIDE DETECTED)
- BOREHOLE LOCATION
- BOREHOLE LOCATION(CYANIDE DETECTED)
- THERMISITOR CABLE

REV	DESCRIPTION	DATE	BY

REVISIONS

AGNICO EAGLE MEADOWBANK

DRAWN BY	ROBERT CLOUATRE	DATE	15–05–2014
CHECKED BY			
APPROVED BY			
PROJECT NO.			
DATE			

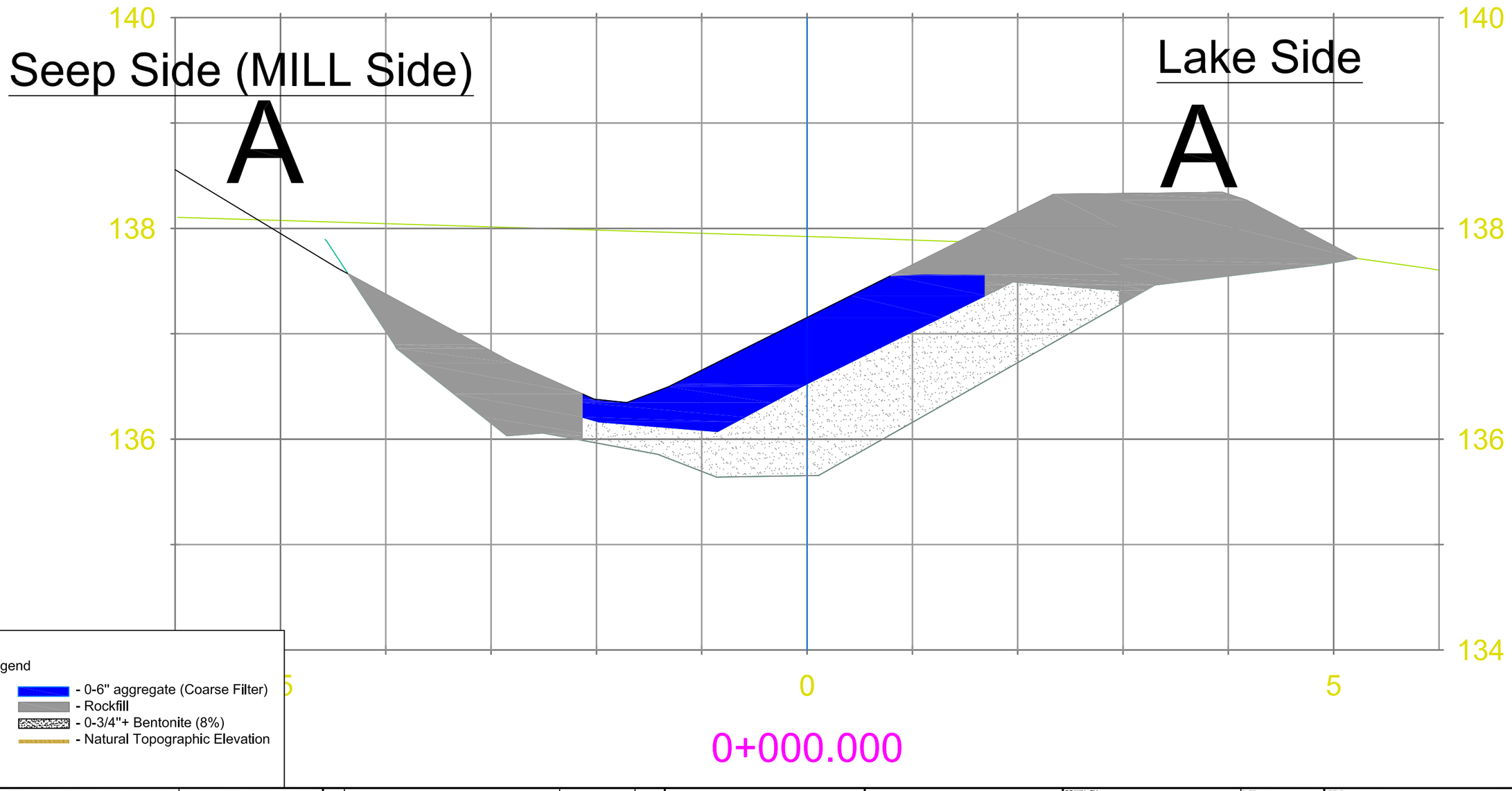
TITLE
AGNICO–EAGLE – MEADOWBANK DIVISION
MILL SEEPAGE
INTERCEPTION TRENCH
PLAN VIEW

SCALE	FILE
N.T.S.	.DWG

DRAWING NO.	REVISION	SHEET
		7 / 7

E:\MILL TRENCH AS BUILT1.dwg, 20 Mai 2014

FORMAT ANSI B – LANDSCAPE



TITLE	# DWG	REV	DESCRIPTION	DATE	BY

REFERENCE DRAWINGS

REVISIONS

AGNICO EAGLE
MEADOWBANK

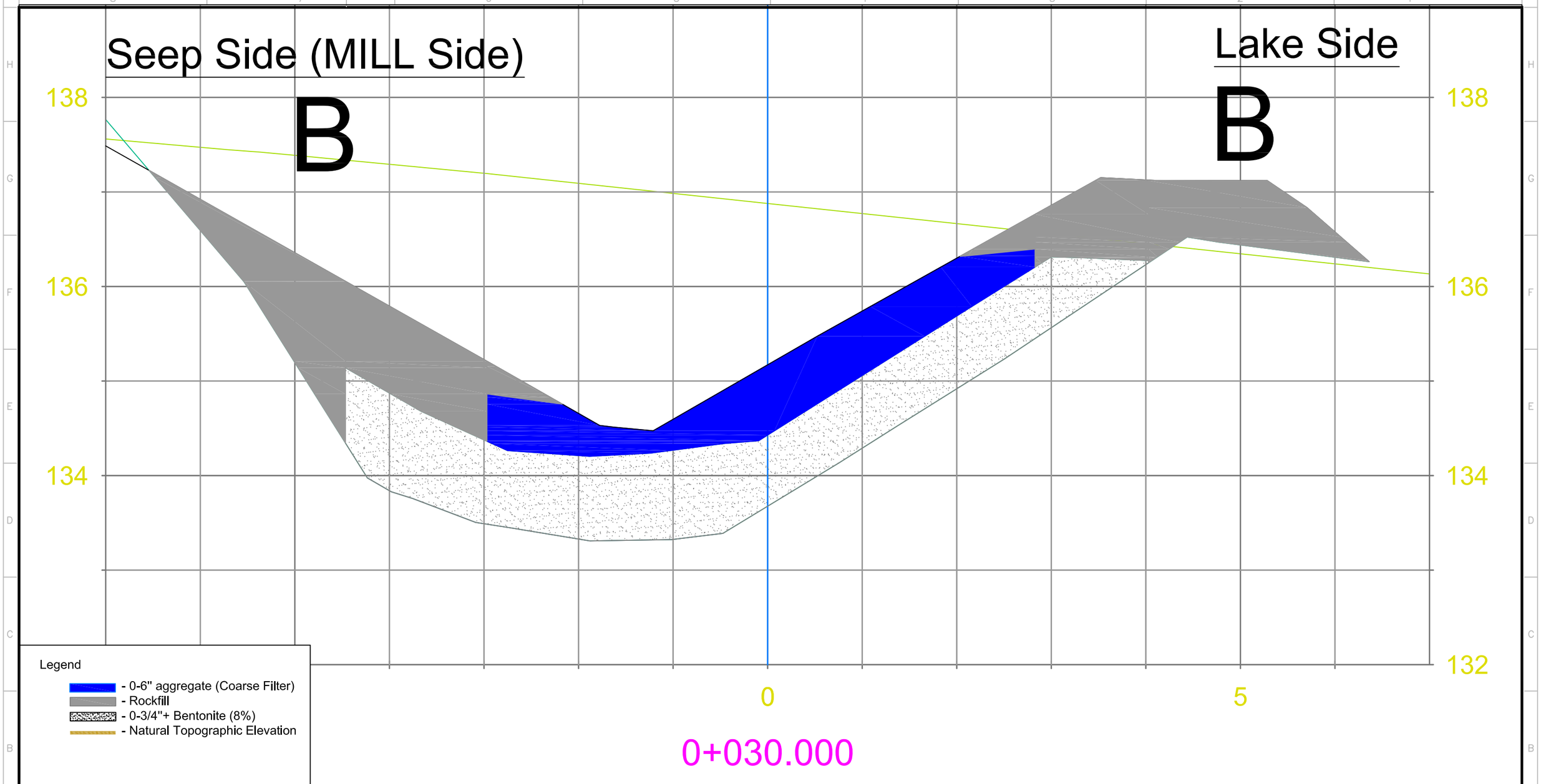
DRAWN BY	ROBERT CLOUATRE	DATE	15–05–2014
CHECKED BY			
APPROVED BY			
PROJECT NO.			
DATE			

TITLE
AGNICO–EAGLE – MEADOWBANK DIVISION
MILL SEEPAGE
INTERCEPTION TRENCH
SECTION A–A'

SCALE	FILE		
N.T.S.	.DWG		
DRAWING NO.		REVISION	SHEET
			2 / 7

E:\MILL TRENCH AS BUILT1.dwg, 20 Mai 2014

FORMAT ANSI B – LANDSCAPE



TITLE	# DWG	REV	DESCRIPTION	DATE	BY

REFERENCE DRAWINGS

REVISIONS

AGNICO EAGLE
MEADOWBANK

DRAWN BY	ROBERT CLOUATRE	DATE	15-05-2014
CHECKED BY			
APPROVED BY			
PROJECT NO.			
DATE			

TITLE
AGNICO–EAGLE – MEADOWBANK DIVISION
MILL SEEPAGE
INTERCEPTION TRENCH
SECTION B–B'

SCALE	FILE	REVISION	SHEET
N.T.S.	.DWG		3 / 7

DRAWING NO.

E:\MILL TRENCH AS BUILT1.dwg, 20 Mai 2014

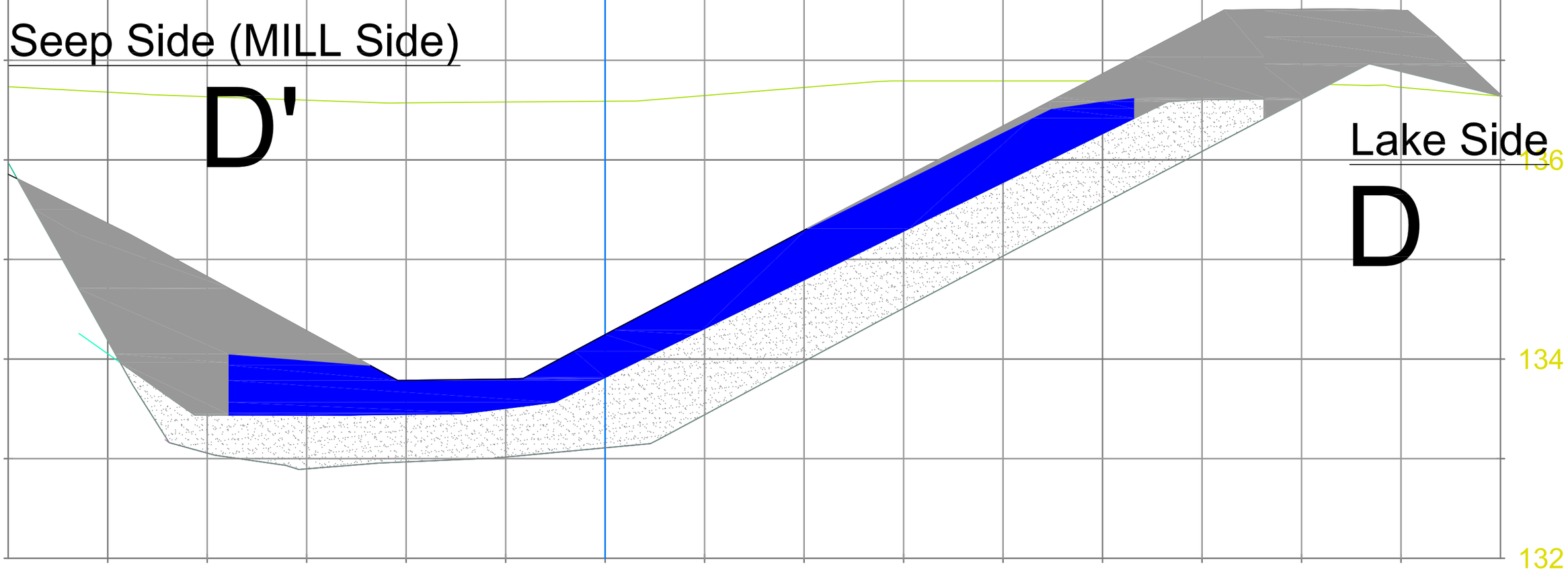
FORMAT ANSI B – LANDSCAPE

Seep Side (MILL Side)

D'

Lake Side

D



0+070.000

Legend

- 0-6" aggregate (Coarse Filter)
- Rockfill
- 0-3/4"+ Bentonite (8%)
- Natural Topographic Elevation

TITLE	# DWG	REV	DESCRIPTION	DATE	BY

REFERENCE DRAWINGS

REVISIONS

AGNICO EAGLE
MEADOWBANK

DRAWN BY	ROBERT CLOUATRE	DATE	15-05-2014
CHECKED BY			
APPROVED BY			
PROJECT NO.			
DATE			

TITLE
AGNICO–EAGLE – MEADOWBANK DIVISION
MILL SEEPAGE
INTERCEPTION TRENCH
SECTION D–D'

SCALE	FILE
N.T.S.	.DWG

DRAWING NO.	REVISION	SHEET
		5 / 7

E:\MILL TRENCH AS BUILT1.dwg, 20 Mai 2014

APPENDIX D
JOB HAZARD ANALYSIS

AGNICO EAGLE
MEADOWBANK

JOB HAZARD ANALYSIS WORKSHEET

Form

DRAFT Rev 0

FACILITY / SITE:	Meadowbank	**DATE:**	09-02-2014
DEPARTMENT:	ENG/ENV/MINE/SITE SERVICE/ ELEC	**REVIEW DATE(S):**	As needed
JOB BEING ANALYSED:	Drilling Investigation – Assay Road Leakage	**TEAM LEADER:**	Tom Thomson/ Ryan VanEngen/ Jeff Pratt

Step	Describe Job Steps	Hazards/Potential Incidents	Risk Control Methods Required
	List the natural steps of the job (not too broad and not too fine)	*What can happen at each step? Can an employee be struck by/caught on/contacted by/struck against/contact with/caught between?*	*Describe how hazards will be managed or removed. Consider elimination/substitution, engineering controls, administrative controls, personal protective equipment.*
1	Check the bootlegs before stake out of the holes.	1.1 Hit an old drilled hole.	1.1 Surveyor will validate the position of the holes to be drilled to ensure that there are no old holes in the vicinity of them. If yes, the regulation 14.52 of the mine act should then be apply (No drilling to be conducted within 1 m. of a bootleg)
2	Remove snow from drill locations.	2.1 Get equipment stuck, in deep snow 2.2 Slip, trips, and Falls in deep snow.	2.1 Site Services will remove snow a day or two prior to the drill program along mill, leach pad and tundra locations. 2.2 ensure stable footing and use proper ppe
3	Close the Road.	3.1 Equipment going through the road while drilling. 3.2 Access for emergency vehicles in assay lab and mill	3.1 Site service will close the road before staking out the holes. Site service will send an e-mail to all Meadowbank about the closure of the road. 3.2 Pick up trucks w keys will be placed and red-tap will be installed to indicate road closure.
4	Stake out the holes and electrical cables (surveyor)	4.1 Slips Trips and Falls 4.2 Weather – dress accordingly and take necessary breaks to warm up	4.1 Watch footing. 4.2 See Cold weather Manual.
5	Power off on electrical cable close to the drilling area	5.1 **Electrocution - death**	5.1 Power will be shut-off by electrical group and the **Driller will lockout the power supply before drilling.** *NOTE: If electrical group is unavailable to shut off power, drilling in the vicinity of power lines will

			not occur. Drilling in vicinity of electrical lines will be put off until February 24th. Electrical department is aware of the plan and will assist Environment on February 24th with power shut down
6	Drilling	6.1 Dust and potential exposure to CN gases and liquids 6.2 Electrical cables and building 6.3 Communication cable 6.4 Grounding cable 6.5 Noise 6.6 Working outside mill doors	6.1 Wear dust mask at all time when close to the drill (within 10 meters) and ensure multi gas vapour cartridges are used; wear Tyvek suits, nitrile gloves and goggles at all times; use mill decontamination area at all times; no eating or drinking while near the contamination site. Be sure to take your time and stay warm under cold conditions – use decontamination for warming up. Wash-up after work is complete. 6.2 Underground electrical cable to be stake-out by surveyor. Power cable to be power-off before drilling. Minimal distance between a hole and an electrical cable fix at 3 meters. Before starting drilling, the Environmental Technician in charge will have to wait for the confirmation from the electrical group that the power has been shut down and driller is locked out the power supply. **All work near electrical cable will be completed on February 24th** 6.3 Minimal distance between a hole and a communication cable fix at 3 meters. 6.4 Minimal distance between a hole and a grounding cable fix at 3 meters if possible but must be greater than 1.5 meters. 6.5 Wear hearing protection at all time when close

			to the drill (within 10 meters) 6.6 When drilling outside any of the access doors to the mill the inside of the man door or overhead door will need to be taped off with RED DANGER TAPE, so no one exits the door. This will be completed and coordinated with Mill employees.
7	Moving the drill in between each holes	7.1 Collision in between drill and Environment technician 7.2 Overhead collisions and drill mast balance issues	7.1 Always have a good communication between the driller and the Environment Technician when moving. Communication will be on Surface Channel 5 or with loud verbal communication. Environment technician should always be at a minimal distance of 10 meters of the drill when moving. 7.2 Ensure mast of drill is in a safe position while moving.
8	Environment technician drilling follow-up	8.1 Heavy equipment running (drill) that could injure the Environment Technician.	8.1 Always keep a minimal distance of 5 meters from the drill when drilling. Always have good communication between the driller and the Environment Technician when drilling. Communication will be on Surface Channel 5 or loud verbal communication.
9	Sample of water/cuttings (Environment Technician)	9.1 Heavy equipment running (drill) that could injure the Environment Technician. 9.2 DUST 9.3 CN gases or liquid contaminate exposure	9.1 The drill must stop any activity when the Environment Technician will perform his sampling. Always have a good communication between the driller and the Environment Technician when drilling. Communication will be on Channel 5. 9.2 Fine samples will contain dust that could potentially contain Asbestos, so a half mask must be worn when sampling.

			9.3 Use Tyvek suit at all times, nitrile gloves, goggles and face mask with multi gas vapour cartridges. Be sure to use decontamination area and wash up after work is completed.
10	Fill-up of the holes with steaming	10.1 Heavy equipment running (loader); 10.2 Lifting and digging with hand held shovel	10.1 A spotter should be there at all time when the loader will perform is job. The Road will remain closed at that time as well. 10.2 Use proper techniques for shoveling and stay within your means. If needed a loader could be made available around the mill. On the tundra, it is preferable to complete the filling by hand to avoid disturbing the tundra.
11	Turning power back after drilling near electrical cable is completed	11.1 Electrical hazard	11.1 Before putting the power back, the Environmental Technician in charge will advise the electrical group that the drilling is completed in the vicinity of the electrical cable. The driller will then remove lock from lock out.
12	Keep departments aware of drilling plan	12.1 Create a busy work area with too many groups working in one area. 12.2 Create a stop in production for mill if certain areas are blocked off and they cannot plan around it.	12.1 Relay work locations at morning management meeting to all departments. ~~12.2 Attend Mill morning meeting 7:15 a.m. in mill boardroom to relay the drill locations for the day.~~

AGNICO EAGLE
MEADOWBANK

JOB HAZARD ANALYSIS WORKSHEET

Form

DRAFT Rev 0

Permits Required (check all that apply)

LOTO:	X	Confined Space	
Hot work		Pre Excavation	Review Drilling pattern and follow it. Meet with Mill and Electrical department.
Electrical Work		Lift Permit	

PPE (check all that apply)

Safety Glasses	X	Safety Boots	
Hardhat	X	Face shield	
Gloves	X	Welding helmet	
Kevlar Gloves		Earplugs X	
Chemical gloves		Ear muffs	
Apron		Chemical clothing	Tyvek suits
Goggles		Respirator X	Half mask respirator with P100 filters if exposed to dust. 6000 3m multigas and goggles

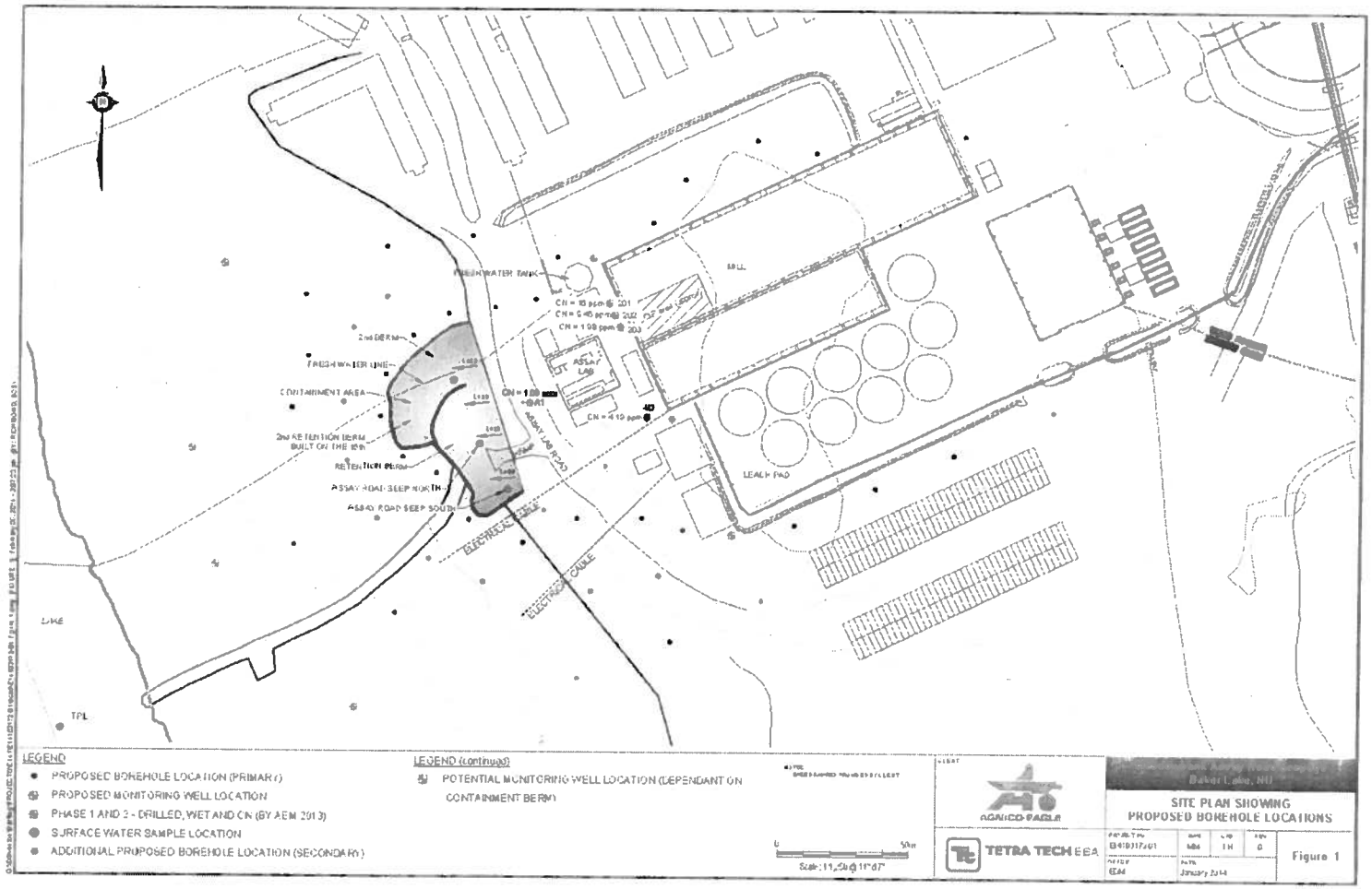
Emergency Information :

Evacuation Route:	
Evacuation Signal:	Fire alarm or While on channel 5 switch to Channel 3 "Code 1, Code 1, Code 1"
Assembly Point:	Arctic corridor
Location of Eyewash/shower:	
Emergency phone number:	6911
First aid location:	Medical Center

Note: LOTO acronym for Lock out tag out

Team Member	Tom Thomson	Signature	
Team Member	Tyrel Hemsley	Signature	Tyrel Hemsley Feb 21/14
Team Member	Jon Oliver	Signature	
Team Member	STEPHEN POTVIN	Signature	
Team Member	DOUGLAS PICARD	Signature	
Team Member	Martin Thériault Médérick Gagnon	Signature	

Team Member		Signature	
Supervisor	RYAN VANENGEN	Signature	
H&S Coordinator		Signature	
H&S Superintendent		Signature	



APPENDIX E
GROUND TEMPERATURE DATA

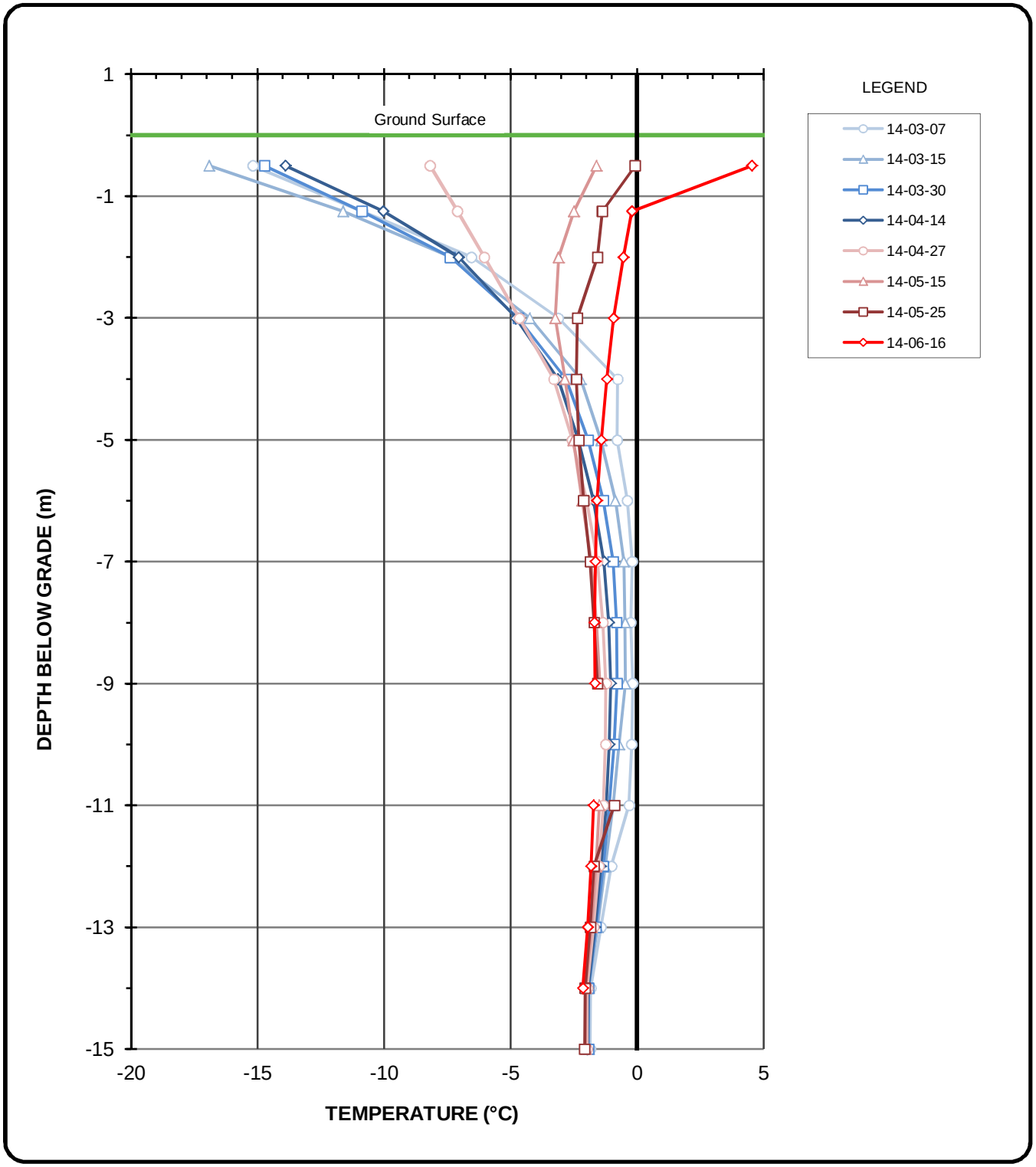
THERMISTOR STRING CALIBRATION

Project:	GTC Fabrication	Thermistor String No.:	2496
Project No.:	E14103172-01	Client String No.:	
Client:	Agnico-Eagle Mines Limited	Location of Installation:	
Attention:		Calibration Temp.:	0.02
Email:		Date of Calibration:	February 18, 2014

Depth of Thermistor (meters)	Colour of Wire	Plug Letter	Calibration Resistance (kΩ)			Temperature (ºC)	Calibration Factor (ºC)
			Trial 1	Trial 2	Trial 3		
0.5	Black	A	16.31	16.32	16.32	0.00	0.02
1.25	Purple	B	16.29	16.30	16.30	0.03	-0.01
2.0	Tan	C	16.32	16.32	16.32	0.00	0.02
3.0	Grey	D	16.33	16.34	16.34	-0.02	0.04
4.0	Red	E	16.34	16.34	16.34	-0.02	0.04
5.0	Brown	F	16.34	16.35	16.35	-0.03	0.05
6.0	Pink	G	16.30	16.31	16.31	0.02	0.00
7.0	Blue	H	16.32	16.32	16.32	0.00	0.02
8.0	Green	J	16.29	16.30	16.30	0.03	-0.01
9.0	Yellow	K	16.37	16.38	16.38	-0.07	0.09
10.0	Silver	L	16.31	16.31	16.31	0.02	0.00
11.0	Orange	N	16.33	16.34	16.34	-0.02	0.04
12.0	Orange/White	P	16.31	16.32	16.32	0.00	0.02
13.0	Black/White	R	16.30	16.30	16.30	0.03	-0.01
14.0	Brown/White	S	16.30	16.31	16.31	0.02	0.00
15.0	Red/White	T	16.35	16.35	16.35	-0.03	0.05
	White	M					

Lead Length: 1.5m

Carrier:		Date Shipped:	
W/B Number:		Shipped by:	


Ground Surface
LEGEND
14-03-07
14-03-15
14-03-30
14-04-14
14-04-27
14-05-15
14-05-25
14-06-16
DEPTH BELOW GRADE (m)
TEMPERATURE (°C)
1
-1
-3
-5
-7
-9
-11
-13
-15
-20
-15
-10
-5
0
5

APPENDIX F

CONSTANT HEAD PERMEABILITY TEST RESULTS, 20 MM CRUSHED AGGREGATE/8% BENTONITE

CONSTANT HEAD HYDRAULIC CONDUCTIVITY TEST REPORT

ASTM D5084

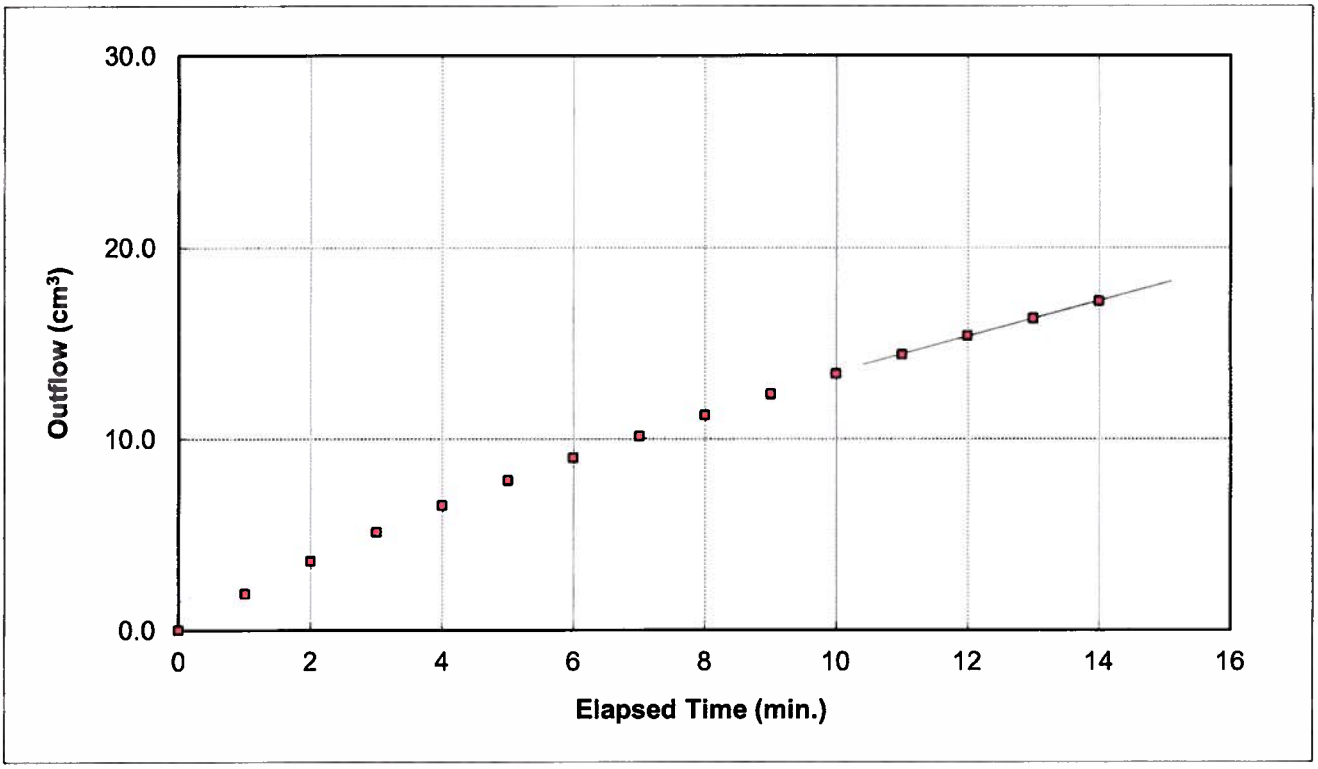
Project:	Assay Road Seepage Trench	Test No.:	P-1
Project No.:	E14103172-01.003	Sample No.:	1
Client:	Agnico-Eagle Mines Ltd.	Sample Depth:	
Attention:		Date Tested:	May 20, 2014
		Tested By:	SK

Soil Description: SAND & GRAVEL, 20 mm max., some silt with 8% bentonite

	Initial	Final
Moisture Content (%)	3.7	12.7
Dry Density (kg/m3)	1875	1875
Compaction SPD (if applicable)	NA	NA

Sample Height =	17.02	cm
Sample Diameter =	9.86	cm
Head Differential =	15	kPa
Flow Q =	0.016	cm^3/sec
Hydraulic Gradient i =	8.99	
Area of Sample A =	76.28	cm^2
Slope =	0.015	cm^3/sec

Hydraulic Conductivity k_{20} = 2.2E-05 cm/sec



Remarks: Sample remolded at moisture content as received

Reviewed By: _____ P.Eng.

TETRA TECH

APPENDIX G

TETRA TECH EBA GENERAL TERMS AND CONDITIONS

GENERAL CONDITIONS

GEOTECHNICAL REPORT

This report incorporates and is subject to these “General Conditions”.

1.0 USE OF REPORT AND OWNERSHIP

This geotechnical report pertains to a specific site, a specific development and a specific scope of work. It is not applicable to any other sites nor should it be relied upon for types of development other than that to which it refers. Any variation from the site or development would necessitate a supplementary geotechnical assessment.

This report and the recommendations contained in it are intended for the sole use of Tetra Tech EBA’s Client. Tetra Tech EBA does not accept any responsibility for the accuracy of any of the data, the analyses or the recommendations contained or referenced in the report when the report is used or relied upon by any party other than Tetra Tech EBA’s Client unless otherwise authorized in writing by Tetra Tech EBA. Any unauthorized use of the report is at the sole risk of the user.

This report is subject to copyright and shall not be reproduced either wholly or in part without the prior, written permission of Tetra Tech EBA. Additional copies of the report, if required, may be obtained upon request.

2.0 ALTERNATE REPORT FORMAT

Where Tetra Tech EBA submits both electronic file and hard copy versions of reports, drawings and other project-related documents and deliverables (collectively termed Tetra Tech EBA’s instruments of professional service), only the signed and/or sealed versions shall be considered final and legally binding. The original signed and/or sealed version archived by Tetra Tech EBA shall be deemed to be the original for the Project.

Both electronic file and hard copy versions of Tetra Tech EBA’s instruments of professional service shall not, under any circumstances, no matter who owns or uses them, be altered by any party except Tetra Tech EBA. Tetra Tech EBA’s instruments of professional service will be used only and exactly as submitted by Tetra Tech EBA.

Electronic files submitted by Tetra Tech EBA have been prepared and submitted using specific software and hardware systems. Tetra Tech EBA makes no representation about the compatibility of these files with the Client’s current or future software and hardware systems.

3.0 ENVIRONMENTAL AND REGULATORY ISSUES

Unless stipulated in the report, Tetra Tech EBA has not been retained to investigate, address or consider and has not investigated, addressed or considered any environmental or regulatory issues associated with development on the subject site.

4.0 NATURE AND EXACTNESS OF SOIL AND ROCK DESCRIPTIONS

Classification and identification of soils and rocks are based upon commonly accepted systems and methods employed in professional geotechnical practice. This report contains descriptions of the systems and methods used. Where deviations from the system or method prevail, they are specifically mentioned.

Classification and identification of geological units are judgmental in nature as to both type and condition. Tetra Tech EBA does not warrant conditions represented herein as exact, but infers accuracy only to the extent that is common in practice.

Where subsurface conditions encountered during development are different from those described in this report, qualified geotechnical personnel should revisit the site and review recommendations in light of the actual conditions encountered.

5.0 LOGS OF TESTHOLES

The testhole logs are a compilation of conditions and classification of soils and rocks as obtained from field observations and laboratory testing of selected samples. Soil and rock zones have been interpreted. Change from one geological zone to the other, indicated on the logs as a distinct line, can be, in fact, transitional. The extent of transition is interpretive. Any circumstance which requires precise definition of soil or rock zone transition elevations may require further investigation and review.

6.0 STRATIGRAPHIC AND GEOLOGICAL INFORMATION

The stratigraphic and geological information indicated on drawings contained in this report are inferred from logs of test holes and/or soil/rock exposures. Stratigraphy is known only at the locations of the test hole or exposure. Actual geology and stratigraphy between test holes and/or exposures may vary from that shown on these drawings. Natural variations in geological conditions are inherent and are a function of the historic environment. Tetra Tech EBA does not represent the conditions illustrated as exact but recognizes that variations will exist. Where knowledge of more precise locations of geological units is necessary, additional investigation and review may be necessary.

7.0 PROTECTION OF EXPOSED GROUND

Excavation and construction operations expose geological materials to climatic elements (freeze/thaw, wet/dry) and/or mechanical disturbance which can cause severe deterioration. Unless otherwise specifically indicated in this report, the walls and floors of excavations must be protected from the elements, particularly moisture, desiccation, frost action and construction traffic.

8.0 SUPPORT OF ADJACENT GROUND AND STRUCTURES

Unless otherwise specifically advised, support of ground and structures adjacent to the anticipated construction and preservation of adjacent ground and structures from the adverse impact of construction activity is required.

9.0 INFLUENCE OF CONSTRUCTION ACTIVITY

There is a direct correlation between construction activity and structural performance of adjacent buildings and other installations. The influence of all anticipated construction activities should be considered by the contractor, owner, architect and prime engineer in consultation with a geotechnical engineer when the final design and construction techniques are known.

10.0 OBSERVATIONS DURING CONSTRUCTION

Because of the nature of geological deposits, the judgmental nature of geotechnical engineering, as well as the potential of adverse circumstances arising from construction activity, observations during site preparation, excavation and construction should be carried out by a geotechnical engineer. These observations may then serve as the basis for confirmation and/or alteration of geotechnical recommendations or design guidelines presented herein.

11.0 DRAINAGE SYSTEMS

Where temporary or permanent drainage systems are installed within or around a structure, the systems which will be installed must protect the structure from loss of ground due to internal erosion and must be designed so as to assure continued performance of the drains. Specific design detail of such systems should be developed or reviewed by the geotechnical engineer. Unless otherwise specified, it is a condition of this report that effective temporary and permanent drainage systems are required and that they must be considered in relation to project purpose and function.

12.0 BEARING CAPACITY

Design bearing capacities, loads and allowable stresses quoted in this report relate to a specific soil or rock type and condition. Construction activity and environmental circumstances can materially change the condition of soil or rock. The elevation at which a soil or rock type occurs is variable. It is a requirement of this report that structural elements be founded in and/or upon geological materials of the type and in the condition assumed. Sufficient observations should be made by qualified geotechnical personnel during construction to assure that the soil and/or rock conditions assumed in this report in fact exist at the site.

13.0 SAMPLES

Tetra Tech EBA will retain all soil and rock samples for 30 days after this report is issued. Further storage or transfer of samples can be made at the Client's expense upon written request, otherwise samples will be discarded.

14.0 INFORMATION PROVIDED TO TETRA TECH EBA BY OTHERS

During the performance of the work and the preparation of the report, Tetra Tech EBA may rely on information provided by persons other than the Client. While Tetra Tech EBA endeavours to verify the accuracy of such information when instructed to do so by the Client, Tetra Tech EBA accepts no responsibility for the accuracy or the reliability of such information which may affect the report.