



AGNICO EAGLE

November 11th, 2015

Water Resource Officer
Aboriginal Affairs and Northern Development Canada
Kivalliq Regional Office
Ikingutigiit Center Suite 1, PO Box 129
Rankin Inlet, NU X0C 0G0
Phone: 867-645-2830
Fax: 867-645-2592
Christine.Wilson@aadnc-aandc.gc.ca

Re: 8BC-MEL1516 & 2BB-MEL1424: Agnico Eagle Mines Meliadine Project response to the AANDC Water Licence Inspection Reports dated October 8th, 2015

Dear Ms. Wilson,

The following information is provided in response to comments and recommendations made in your 2BB-MEL1424 and 8BC-MEL1516 Water Licence Inspection reports dated October 8th, 2015.

Should you have any questions or require further information, please do not hesitate to contact us at the below.

Regards,

Jeffrey Pratt
jeffrey.pratt@agnicoeagle.com
819-759-3755 x 6728 MBK
819-759-3755 x 3928 MEL
Environmental Coordinator

Kevin Buck
kevin.buck@agnicoeagle.com
819-759-3700 x 6838
Environmental Superintendent - Nunavut



AGNICO EAGLE

1. The Inspector requests updated information (e.g.: location and rational) regarding MEL-7 in the October monthly monitoring report.

AEM response: The October 2015 monthly report to Nunavut Water Board, will depict the moved sample location for Mel-7 sample location. For the inspector's information, this station has moved to the end of the STP treatment system, inside the plant.

2. The Licensee shall submit a map detailing the sampling locations as described in 2BB-MEL1424.

AEM response: Please find that map below which depicts the sampling locations in the 2BB-MEL1424 license.

3. The Licensee has committed to a discussion on activities occurring winter 2015/2016 at the Meliadine Project. Follow up information will be provided to the Board by the Inspector.

AEM response: The construction schedule for 2015/2016 is listed below which will fall under license 8BC-MEL1516. As well a section for the 2BB-MEL1424.

4. Pursuant to PART E item 5, the inspector request results from the recent ARD/ML testing completed on the waste rock/borrow pits being utilized currently.

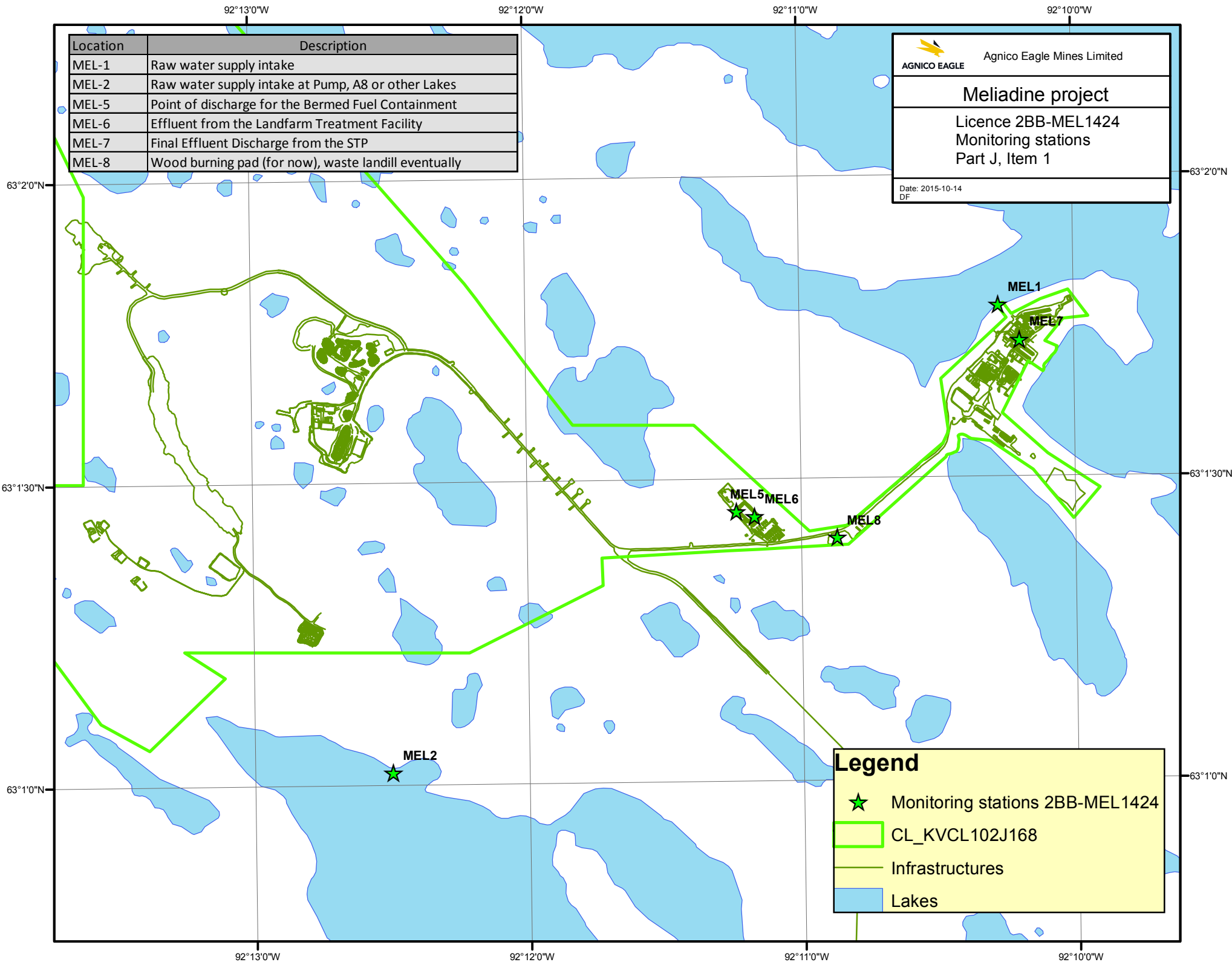
AEM response: Please find the attached sample results for the ARD testing for the active quarries.

Activity	Start	End	Location
8BC-MEL1516			
Construction of fuel storage tanks farm in Rankin Inlet	End of Nov 2015	Summer 2016	Itivia Site
Preparation of the laydown area in Rankin Inlet	End of Nov 2015	Summer 2016	Itivia Site
Construction of a pad for the permanent camp	October 2015	December 2016	Meliadine Site
Installation of piling for the permanent camp and infrastructure	End of November 2015	Summer 2017	Meliadine Site
Start of work on concrete foundations	End of September 2016	End of 2018	Meliadine Site
Construction of necessary service roads to undertake the other pre-development	End of September 2016	End of 2018	Meliadine Site



AGNICO EAGLE

activities			
Installation of a new portal and conveyor ramp, including ventilation infrastructure to the underground mine	<i>End of September 2016</i>	<i>End of 2018</i>	<i>Meliadine Site</i>
Construction of the access roads	<i>End of September 2016</i>		<i>Meliadine Site</i>
Pre-delivery of material (i.e. equipment, material and fuel)	<i>First fuel delivery scheduled for October 2016</i>		<i>Itivia Site</i>
2BB-MEL1424			
Two bionest units will be put online to accommodate more site personnel.	<i>Upon approval of the Nunavut Water Board</i>		<i>Meliadine Camp</i>



Analytical Report

Company: **Agnico Eagle Meliadine**

Client: M. Philip Roy
Address: Meliadine
Rankin Inlet Nunavut X0C 0A0
Phone: (867) 645-2990 (3903)
Fax: (000) 000-0000

Lab number: V-46962

Sampling location: PAG-B6a-3

Sampling date: August 12, 2015

Sample name: PAG-B6a-3

Sampling hour: 10:30

Sampled by: AG

Date received: August 18, 2015

Matrix: Solid

Drinking water distribution:

Reported on: September 09, 2015

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.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.

Analytical Report

Lab number: V-46962

Sample name: PAG-B6a-3

Sampling location: PAG-B6a-3

Sampling date: August 12, 2015

Sampling hour: 10:30

Parameter	Result	Method name	Analysis date
Leaching (SFE)		Sous-traitance\Multilab Direct	
Aluminium (Al)	0.452 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Silver (Ag)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Arsenic (As)	0.0182 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Barium (Ba)	0.0045 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Bismuth (Bi)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Boron (leaching)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Cadmium (Cd)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Calcium (Ca)	8.27 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	August 26, 2015
Cobalt (Co)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Copper (Cu)	0.0067 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Iron (Fe)	0.22 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Magnesium (Mg)	0.49 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Manganese (Mn)	0.0038 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Molybdenum (Mo)	0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Nickel (Ni)	0.0015 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Lead (Pb)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Potassium (K)	1.39 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Silica (Leaching)	1.18 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Sodium (Na)	0.43 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Uranium (leaching)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Zinc (Zn)	0.002 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Acid generating potentiel - MABA		Sous-traitance\Multilab Direct	
- Ratio (NP/AP)	34.71	Sous-traitance\Multilab Direct	September 04, 2015
- Acide neutralizing capacity (ANC)	21.7 Kg CaCO3/Tonne	Sous-traitance\Multilab Direct	September 04, 2015
- Acidity potentiel (AP)	0.63 Kg CaCO3/Tonne	Sous-traitance\Multilab Direct	September 04, 2015
- Net neutralization potential (NNP)	21.07 Kg CaCO3/Tonne	Sous-traitance\Multilab Direct	September 04, 2015
- Sulfate %	<0.01 %S	Sous-traitance\Multilab Direct	September 04, 2015
- Total Sulfur	0.02 %S	Sous-traitance\Multilab Direct	September 01, 2015
- pH	8.88	Sous-traitance\Multilab Direct	September 02, 2015
- Fizz Rate	Aucun	Sous-traitance\Multilab Direct	September 04, 2015

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

This report shall not be reproduced except in full without the written authority of the laboratory.

Detection limit

Lab number: V-46962

Sample name: PAG-B6a-3

Sampling location: PAG-B6a-3

Sampling date: August 12, 2015

Sampling hour: 10:30

Parameter	Value	Unit	Method	Accreditation
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0002	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Bismuth (Bi)	0.0005	mg/L	Sous-traitance	
Boron (leaching)	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.0001	mg/L	Sous-traitance	Yes
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Cobalt (Co)	0.001	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Lead (Pb)	0.0005	mg/L	Sous-traitance	Yes
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Titanium (Ti)		mg/L	Sous-traitance	
Uranium (leaching)	0.001	mg/L	Sous-traitance	Yes
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Acid generating potentiel - MABA			Sous-traitance	
- Ratio (NP/AP)			Sous-traitance	
- Acide neutralizing capacity (ANC)	0.01	Kg CaCO3/Tonne	Sous-traitance	
- Acidity potentiel (AP)	0.01	Kg CaCO3/Tonne	Sous-traitance	
- Net neutralization potential (NNP)	0.01	Kg CaCO3/Tonne	Sous-traitance	
- Sulfate %	0.01	%S	Sous-traitance	
- Total Sulfur	0.01	%S	Sous-traitance	
- pH			Sous-traitance	
- Fizz Rate			Sous-traitance	---

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

This report shall not be reproduced except in full without the written authority of the laboratory.

Quality control Report

Lab number: V-46962

Sample name: PAG-B6a-3

Sampling location: PAG-B6a-3

Sampling date: August 12, 2015

Sampling hour: 10:30

Parameter	
Aluminium (Al) mg/L	Blank <0.006
Silver (Ag) mg/L	Blank <0.0005
Arsenic (As) mg/L	Blank <0.0005
Barium (Ba) mg/L	Blank <0.0005
Beryllium (Be) mg/L	Blank <0.0005
Bismuth (Bi) mg/L	Blank <0.001
Boron (leaching) mg/L	Blank <0.01
Cadmium (Cd) mg/L	Blank <0.0001
Calcium (Ca) mg/L	Blank <0.03
Chrome (Cr) mg/L	Blank <0.0006
Cobalt (Co) mg/L	Blank <0.001
Copper (Cu) mg/L	Blank <0.0005
Tin (Sn) mg/L	Blank <0.001
Iron (Fe) mg/L	Blank <0.01
Magnesium (Mg) mg/L	Blank <0.02
Manganese (Mn) mg/L	Blank <0.0005
Molybdenum (Mo) mg/L	Blank <0.0005
Nickel (Ni) mg/L	Blank <0.0005
Lead (Pb) mg/L	Blank <0.0005
Potassium (K) mg/L	Blank <0.05
Selenium (Se) mg/L	Blank <0.001
Sodium (Na) mg/L	Blank <0.05
Titanium (Ti) mg/L	Blank <0.01
Uranium (leaching) mg/L	Blank <0.001
Vanadium (V) mg/L	Blank <0.0005
Zinc (Zn) mg/L	Blank <0.001
Standard name DMR-0682-2015-Zn	
Result 224	
Accuracy 91.8%	
Limit 207 - 281	

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

This report shall not be reproduced except in full without the written authority of the laboratory.

Additional information

Lab number: V-46962
Sample name: PAG-B6a-3
Sampling location: PAG-B6a-3

Sampling date: August 12, 2015
Sampling hour: 10:30

Lab method	Method reference
M-LIX-1.0	MA.100-Lix.com. 1.1

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.

Analytical Report

Company: **Agnico Eagle Meliadine**

Client: M. Philip Roy
Address: Meliadine
Rankin Inlet Nunavut X0C 0A0
Phone: (867) 645-2990 (3903)
Fax: (000) 000-0000

Lab number: V-46961

Sampling location: PAG-B6a-2

Sampling date: August 12, 2015

Sample name: PAG-B6a-2

Sampling hour: 10:25

Sampled by: AG

Date received: August 18, 2015

Matrix: Solid

Drinking water distribution:

Reported on: September 09, 2015

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.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.

Analytical Report

Lab number: V-46961

Sample name: PAG-B6a-2

Sampling location: PAG-B6a-2

Sampling date: August 12, 2015

Sampling hour: 10:25

Parameter	Result	Method name	Analysis date
Leaching (SFE)		Sous-traitance\Multilab Direct	
Aluminium (Al)	0.157 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Silver (Ag)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Barium (Ba)	0.0027 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Bismuth (Bi)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Boron (leaching)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Cadmium (Cd)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Calcium (Ca)	0.31 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	August 26, 2015
Cobalt (Co)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Copper (Cu)	0.003 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Iron (Fe)	0.31 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Magnesium (Mg)	0.22 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Manganese (Mn)	0.0148 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Nickel (Ni)	0.0016 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Lead (Pb)	0.0229 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Potassium (K)	0.37 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Silica (Leaching)	0.81 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Sodium (Na)	0.20 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Uranium (leaching)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Zinc (Zn)	0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Acid generating potentiel - MABA		Sous-traitance\Multilab Direct	
ANC/PAS Ratio	14.01	Sous-traitance\Multilab Direct	September 04, 2015
- Acide neutralizing capacity (ANC)	5.69 Kg CaCO3/Tonne	Sous-traitance\Multilab Direct	September 04, 2015
- Acidity potentiel (AP)	0.41 Kg CaCO3/Tonne	Sous-traitance\Multilab Direct	September 04, 2015
- Net neutralization potential (NNP)	5.290 Kg CaCO3/Tonne	Sous-traitance\Multilab Direct	September 04, 2015
- Sulfate %	<0.01 %S	Sous-traitance\Multilab Direct	September 04, 2015
- Total Sulfur	0.01 %S	Sous-traitance\Multilab Direct	September 01, 2015
- pH	6.02	Sous-traitance\Multilab Direct	September 02, 2015
- Fizz Rate	Aucun	Sous-traitance\Multilab Direct	September 04, 2015

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

This report shall not be reproduced except in full without the written authority of the laboratory.

Detection limit

Lab number: V-46961

Sample name: PAG-B6a-2

Sampling location: PAG-B6a-2

Sampling date: August 12, 2015

Sampling hour: 10:25

Parameter	Value	Unit	Method	Accreditation
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0002	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Bismuth (Bi)	0.0005	mg/L	Sous-traitance	
Boron (leaching)	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.0001	mg/L	Sous-traitance	Yes
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Cobalt (Co)	0.001	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Lead (Pb)	0.0005	mg/L	Sous-traitance	Yes
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Titanium (Ti)		mg/L	Sous-traitance	
Uranium (leaching)	0.001	mg/L	Sous-traitance	Yes
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Acid generating potentiel - MABA			Sous-traitance	
- Acide neutralizing capacity (ANC)	0.01	Kg CaCO3/Tonne	Sous-traitance	
- Acidity potentiel (AP)	0.01	Kg CaCO3/Tonne	Sous-traitance	
- Net neutralization potential (NNP)	0.01	Kg CaCO3/Tonne	Sous-traitance	
- Sulfate %	0.01	%S	Sous-traitance	
- Total Sulfur	0.01	%S	Sous-traitance	
- pH			Sous-traitance	
- Fizz Rate			Sous-traitance	---

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

This report shall not be reproduced except in full without the written authority of the laboratory.

Quality control Report

Lab number: V-46961

Sample name: PAG-B6a-2

Sampling location: PAG-B6a-2

Sampling date: August 12, 2015

Sampling hour: 10:25

Parameter	
Aluminium (Al) mg/L	Blank <0.006
Silver (Ag) mg/L	Blank <0.0005
Arsenic (As) mg/L	Blank <0.0005
Barium (Ba) mg/L	Blank <0.0005
Beryllium (Be) mg/L	Blank <0.0005
Bismuth (Bi) mg/L	Blank <0.001
Boron (leaching) mg/L	Blank <0.01
Cadmium (Cd) mg/L	Blank <0.0001
Calcium (Ca) mg/L	Blank <0.03
Chrome (Cr) mg/L	Blank <0.0006
Cobalt (Co) mg/L	Blank <0.001
Copper (Cu) mg/L	Blank <0.0005
Tin (Sn) mg/L	Blank <0.001
Iron (Fe) mg/L	Blank <0.01
Magnesium (Mg) mg/L	Blank <0.02
Manganese (Mn) mg/L	Blank <0.0005
Molybdenum (Mo) mg/L	Blank <0.0005
Nickel (Ni) mg/L	Blank <0.0005
Lead (Pb) mg/L	Blank <0.0005
Potassium (K) mg/L	Blank <0.05
Selenium (Se) mg/L	Blank <0.001
Sodium (Na) mg/L	Blank <0.05
Titanium (Ti) mg/L	Blank <0.01
Uranium (leaching) mg/L	Blank <0.001
Vanadium (V) mg/L	Blank <0.0005
Zinc (Zn) mg/L	Blank <0.001
Standard name DMR-0682-2015-Zn	
Result 224	
Accuracy 91.8%	
Limit 207 - 281	

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.

Additional information

Lab number: V-46961
Sample name: PAG-B6a-2
Sampling location: PAG-B6a-2

Sampling date: August 12, 2015
Sampling hour: 10:25

Lab method	Method reference
M-LIX-1.0	MA.100-Lix.com. 1.1

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.

Analytical Report

Company: **Agnico Eagle Meliadine**

Client: M. Philip Roy
Address: Meliadine
Rankin Inlet Nunavut X0C 0A0
Phone: (867) 645-2990 (3903)
Fax: (000) 000-0000

Lab number: V-46960

Sampling location: PAG-B6a-1

Sampling date: August 12, 2015

Sample name: PAG-B6a-1

Sampling hour: 10:20

Sampled by: AG

Date received: August 18, 2015

Matrix: Solid

Drinking water distribution:

Reported on: September 09, 2015

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.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.

Analytical Report

Lab number: V-46960

Sample name: PAG-B6a-1

Sampling location: PAG-B6a-1

Sampling date: August 12, 2015

Sampling hour: 10:20

Parameter	Result	Method name	Analysis date
Leaching (SFE)		Sous-traitance\Multilab Direct	
Aluminium (Al)	0.424 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Silver (Ag)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Arsenic (As)	0.0034 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Barium (Ba)	0.0072 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Bismuth (Bi)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Boron (leaching)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Cadmium (Cd)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Calcium (Ca)	9.29 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	August 26, 2015
Cobalt (Co)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Copper (Cu)	0.0044 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Iron (Fe)	0.32 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Magnesium (Mg)	1.05 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Manganese (Mn)	0.0057 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Nickel (Ni)	0.0042 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Lead (Pb)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Potassium (K)	1.58 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Silica (Leaching)	1.43 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Sodium (Na)	1.80 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Titanium (Ti)	0.01 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Uranium (leaching)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Zinc (Zn)	0.005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Acid generating potentiel - MABA		Sous-traitance\Multilab Direct	
ANC/PAS Ratio	4	Sous-traitance\Multilab Direct	September 04, 2015
- Acide neutralizing capacity (ANC)	24.3 Kg CaCO3/Tonne	Sous-traitance\Multilab Direct	September 04, 2015
- Acidity potentiel (AP)	6.09 Kg CaCO3/Tonne	Sous-traitance\Multilab Direct	September 04, 2015
- Net neutralization potential (NNP)	18.30 Kg CaCO3/Tonne	Sous-traitance\Multilab Direct	September 04, 2015
- Sulfate %	<0.01 %S	Sous-traitance\Multilab Direct	September 04, 2015
- Total Sulfur	0.2 %S	Sous-traitance\Multilab Direct	September 01, 2015
- pH	8.84	Sous-traitance\Multilab Direct	September 02, 2015
- Fizz Rate	Faible	Sous-traitance\Multilab Direct	September 04, 2015

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

This report shall not be reproduced except in full without the written authority of the laboratory.

Detection limit

Lab number: V-46960

Sample name: PAG-B6a-1

Sampling location: PAG-B6a-1

Sampling date: August 12, 2015

Sampling hour: 10:20

Parameter	Value	Unit	Method	Accreditation
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0002	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Bismuth (Bi)	0.0005	mg/L	Sous-traitance	
Boron (leaching)	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.0001	mg/L	Sous-traitance	Yes
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Cobalt (Co)	0.001	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Lead (Pb)	0.0005	mg/L	Sous-traitance	Yes
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Titanium (Ti)		mg/L	Sous-traitance	
Uranium (leaching)	0.001	mg/L	Sous-traitance	Yes
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Acid generating potentiel - MABA			Sous-traitance	
- Acide neutralizing capacity (ANC)	0.01	Kg CaCO3/Tonne	Sous-traitance	
- Acidity potentiel (AP)	0.01	Kg CaCO3/Tonne	Sous-traitance	
- Net neutralization potential (NNP)	0.01	Kg CaCO3/Tonne	Sous-traitance	
- Sulfate %	0.01	%S	Sous-traitance	
- Total Sulfur	0.01	%S	Sous-traitance	
- pH			Sous-traitance	
- Fizz Rate			Sous-traitance	---

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

This report shall not be reproduced except in full without the written authority of the laboratory.

Quality control Report

Lab number: V-46960

Sample name: PAG-B6a-1

Sampling location: PAG-B6a-1

Sampling date: August 12, 2015

Sampling hour: 10:20

Parameter	
Aluminium (Al) mg/L	Blank <0.006
Silver (Ag) mg/L	Blank <0.0005
Arsenic (As) mg/L	Blank <0.0005
Barium (Ba) mg/L	Blank <0.0005
Beryllium (Be) mg/L	Blank <0.0005
Bismuth (Bi) mg/L	Blank <0.001
Boron (leaching) mg/L	Blank <0.01
Cadmium (Cd) mg/L	Blank <0.0001
Calcium (Ca) mg/L	Blank <0.03
Chrome (Cr) mg/L	Blank <0.0006
Cobalt (Co) mg/L	Blank <0.001
Copper (Cu) mg/L	Blank <0.0005
Tin (Sn) mg/L	Blank <0.001
Iron (Fe) mg/L	Blank <0.01
Magnesium (Mg) mg/L	Blank <0.02
Manganese (Mn) mg/L	Blank <0.0005
Molybdenum (Mo) mg/L	Blank <0.0005
Nickel (Ni) mg/L	Blank <0.0005
Lead (Pb) mg/L	Blank <0.0005
Potassium (K) mg/L	Blank <0.05
Selenium (Se) mg/L	Blank <0.001
Sodium (Na) mg/L	Blank <0.05
Titanium (Ti) mg/L	Blank <0.01
Uranium (leaching) mg/L	Blank <0.001
Vanadium (V) mg/L	Blank <0.0005
Zinc (Zn) mg/L	Blank <0.001
Standard name DMR-0682-2015-Zn	
Result 224	
Accuracy 91.8%	
Limit 207 - 281	

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

This report shall not be reproduced except in full without the written authority of the laboratory.

Additional information

Lab number: V-46960
Sample name: PAG-B6a-1
Sampling location: PAG-B6a-1

Sampling date: August 12, 2015
Sampling hour: 10:20

Lab method	Method reference
M-LIX-1.0	MA.100-Lix.com. 1.1

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.

Analytical Report

Company: **Agnico Eagle Meliadine**

Client: M. Philip Roy
Address: Meliadine
Rankin Inlet Nunavut X0C 0A0
Phone: (867) 645-2990 (3903)
Fax: (000) 000-0000

Lab number: V-46959

Sampling location: PAG-B5a-3

Sampling date: August 12, 2015

Sample name: PAG-B5a-3

Sampling hour: 09:45

Sampled by: AG

Date received: August 18, 2015

Matrix: Solid

Drinking water distribution:

Reported on: September 09, 2015

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.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.

Analytical Report

Lab number: V-46959

Sample name: PAG-B5a-3

Sampling location: PAG-B5a-3

Sampling date: August 12, 2015

Sampling hour: 09:45

Parameter	Result	Method name	Analysis date
Leaching (SFE)		Sous-traitance\Multilab Direct	
Aluminium (Al)	1.3 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Silver (Ag)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Barium (Ba)	0.0066 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Bismuth (Bi)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Boron (leaching)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Cadmium (Cd)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Calcium (Ca)	9.5 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	August 26, 2015
Cobalt (Co)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Copper (Cu)	0.0052 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Iron (Fe)	0.54 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Magnesium (Mg)	0.49 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Manganese (Mn)	0.0250 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Nickel (Ni)	0.0016 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Lead (Pb)	0.0090 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Potassium (K)	0.44 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Silica (Leaching)	0.91 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Sodium (Na)	0.28 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Titanium (Ti)	0.01 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Uranium (leaching)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Zinc (Zn)	0.004 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Acid generating potentiel - MAB/		Sous-traitance\Multilab Direct	
ANC/PAS Ratio	53.48	Sous-traitance\Multilab Direct	September 04, 2015
- Acide neutralizing capacity (AN)	18.3 Kg CaCO3/To	Sous-traitance\Multilab Direct	September 04, 2015
- Acidity potentiel (AP)	0.34 Kg CaCO3/To	Sous-traitance\Multilab Direct	September 04, 2015
- Net neutralization potential (NN)	18.04 Kg CaCO3/To	Sous-traitance\Multilab Direct	September 04, 2015
- Sulfate %	<0.01 %S	Sous-traitance\Multilab Direct	September 04, 2015
- Total Sulfur	0.01 %S	Sous-traitance\Multilab Direct	September 01, 2015
- pH	8.48	Sous-traitance\Multilab Direct	September 02, 2015
- Fizz Rate	Aucun	Sous-traitance\Multilab Direct	September 04, 2015

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

This report shall not be reproduced except in full without the written authority of the laboratory.

Detection limit

Lab number: V-46959

Sample name: PAG-B5a-3

Sampling location: PAG-B5a-3

Sampling date: August 12, 2015

Sampling hour: 09:45

Parameter	Value	Unit	Method	Accreditation
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0002	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Bismuth (Bi)	0.0005	mg/L	Sous-traitance	
Boron (leaching)	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.0001	mg/L	Sous-traitance	Yes
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Cobalt (Co)	0.001	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Lead (Pb)	0.0005	mg/L	Sous-traitance	Yes
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Titanium (Ti)		mg/L	Sous-traitance	
Uranium (leaching)	0.001	mg/L	Sous-traitance	Yes
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Acid generating potentiel - MAB/			Sous-traitance	
- Acide neutralizing capacity (AN)	0.01	Kg CaCO ₃ /To	Sous-traitance	
- Acidity potentiel (AP)	0.01	Kg CaCO ₃ /To	Sous-traitance	
- Net neutralization potential (NN)	0.01	Kg CaCO ₃ /To	Sous-traitance	
- Sulfate %	0.01	%S	Sous-traitance	
- Total Sulfur	0.01	%S	Sous-traitance	
- pH			Sous-traitance	
- Fizz Rate			Sous-traitance	---

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

This report shall not be reproduced except in full without the written authority of the laboratory.

Quality control Report

Lab number: V-46959

Sample name: PAG-B5a-3

Sampling location: PAG-B5a-3

Sampling date: August 12, 2015

Sampling hour: 09:45

Parameter	
Aluminium (Al) mg/L	Blank <0.006
Silver (Ag) mg/L	Blank <0.0005
Arsenic (As) mg/L	Blank <0.0005
Barium (Ba) mg/L	Blank <0.0005
Beryllium (Be) mg/L	Blank <0.0005
Bismuth (Bi) mg/L	Blank <0.001
Boron (leaching) mg/L	Blank <0.01
Cadmium (Cd) mg/L	Blank <0.0001
Calcium (Ca) mg/L	Blank <0.03
Chrome (Cr) mg/L	Blank <0.0006
Cobalt (Co) mg/L	Blank <0.001
Copper (Cu) mg/L	Blank <0.0005
Tin (Sn) mg/L	Blank <0.001
Iron (Fe) mg/L	Blank <0.01
Magnesium (Mg) mg/L	Blank <0.02
Manganese (Mn) mg/L	Blank <0.0005
Molybdenum (Mo) mg/L	Blank <0.0005
Nickel (Ni) mg/L	Blank <0.0005
Lead (Pb) mg/L	Blank <0.0005
Potassium (K) mg/L	Blank <0.05
Selenium (Se) mg/L	Blank <0.001
Sodium (Na) mg/L	Blank <0.05
Titanium (Ti) mg/L	Blank <0.01
Uranium (leaching) mg/L	Blank <0.001
Vanadium (V) mg/L	Blank <0.0005
Zinc (Zn) mg/L	Blank <0.001
Standard name DMR-0682-2015-Zn	
Result 224	
Accuracy 91.8%	
Limit 207 - 281	

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.

Additional information

Lab number: V-46959
Sample name: PAG-B5a-3
Sampling location: PAG-B5a-3

Sampling date: August 12, 2015
Sampling hour: 09:45

Lab method	Method reference
M-LIX-1.0	MA.100-Lix.com. 1.1

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.

Analytical Report

Company: **Agnico Eagle Meliadine**

Client: M. Philip Roy
Address: Meliadine
Rankin Inlet Nunavut X0C 0A0
Phone: (867) 645-2990 (3903)
Fax: (000) 000-0000

Lab number: V-46958

Sampling location: PAG-B5a-2

Sampling date: August 12, 2015

Sample name: PAG-B5a-2

Sampling hour: 09:35

Sampled by: AG

Date received: August 18, 2015

Matrix: Solid

Drinking water distribution:

Reported on: September 09, 2015

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.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.

Analytical Report

Lab number: V-46958

Sample name: PAG-B5a-2

Sampling location: PAG-B5a-2

Sampling date: August 12, 2015

Sampling hour: 09:35

Parameter	Result	Method name	Analysis date
Leaching (SFE)		Sous-traitance\Multilab Direct	
Aluminium (Al)	0.88 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Silver (Ag)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Barium (Ba)	0.0041 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Bismuth (Bi)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Boron (leaching)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Cadmium (Cd)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Calcium (Ca)	9.59 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Cobalt (Co)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Copper (Cu)	0.0047 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Iron (Fe)	0.15 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Magnesium (Mg)	0.68 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Manganese (Mn)	0.0056 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Nickel (Ni)	0.0014 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Lead (Pb)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Potassium (K)	1.19 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Silica (Leaching)	0.85 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Sodium (Na)	0.63 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Uranium (leaching)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Zinc (Zn)	0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Acid generating potentiel - MABA		Sous-traitance\Multilab Direct	
ANC/PAS Ratio	41.08	Sous-traitance\Multilab Direct	September 04, 2015
- Acide neutralizing capacity (ANC)	25.6 Kg CaCO3/Tonne	Sous-traitance\Multilab Direct	September 04, 2015
- Acidity potentiel (AP)	0.63 Kg CaCO3/Tonne	Sous-traitance\Multilab Direct	September 04, 2015
- Net neutralization potential (NNP)	25.05 Kg CaCO3/Tonne	Sous-traitance\Multilab Direct	September 04, 2015
- Sulfate %	<0.01 %S	Sous-traitance\Multilab Direct	September 04, 2015
- Total Sulfur	0.02 %S	Sous-traitance\Multilab Direct	September 01, 2015
- pH	8.76	Sous-traitance\Multilab Direct	September 02, 2015
- Fizz Rate	Aucun	Sous-traitance\Multilab Direct	September 04, 2015

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

This report shall not be reproduced except in full without the written authority of the laboratory.

Detection limit

Lab number: V-46958

Sample name: PAG-B5a-2

Sampling location: PAG-B5a-2

Sampling date: August 12, 2015

Sampling hour: 09:35

Parameter	Value	Unit	Method	Accreditation
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0002	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Bismuth (Bi)	0.0005	mg/L	Sous-traitance	
Boron (leaching)	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.0001	mg/L	Sous-traitance	Yes
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Cobalt (Co)	0.001	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Lead (Pb)	0.0005	mg/L	Sous-traitance	Yes
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Titanium (Ti)		mg/L	Sous-traitance	
Uranium (leaching)	0.001	mg/L	Sous-traitance	Yes
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Acid generating potentiel - MABA			Sous-traitance	
- Acide neutralizing capacity (ANC)	0.01	Kg CaCO3/Tonne	Sous-traitance	
- Acidity potentiel (AP)	0.01	Kg CaCO3/Tonne	Sous-traitance	
- Net neutralization potential (NNP)	0.01	Kg CaCO3/Tonne	Sous-traitance	
- Sulfate %	0.01	%S	Sous-traitance	
- Total Sulfur	0.01	%S	Sous-traitance	
- pH			Sous-traitance	
- Fizz Rate			Sous-traitance	---

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

This report shall not be reproduced except in full without the written authority of the laboratory.

Quality control Report

Lab number: V-46958

Sample name: PAG-B5a-2

Sampling location: PAG-B5a-2

Sampling date: August 12, 2015

Sampling hour: 09:35

Parameter	
Aluminium (Al) mg/L	Blank <0.006
Silver (Ag) mg/L	Blank <0.0005
Arsenic (As) mg/L	Blank <0.0005
Barium (Ba) mg/L	Blank <0.0005
Beryllium (Be) mg/L	Blank <0.0005
Bismuth (Bi) mg/L	Blank <0.001
Boron (leaching) mg/L	Blank <0.01
Cadmium (Cd) mg/L	Blank <0.0001
Calcium (Ca) mg/L	Blank <0.03
Chrome (Cr) mg/L	Blank <0.0006
Cobalt (Co) mg/L	Blank <0.001
Copper (Cu) mg/L	Blank <0.0005
Tin (Sn) mg/L	Blank <0.001
Iron (Fe) mg/L	Blank <0.01
Magnesium (Mg) mg/L	Blank <0.02
Manganese (Mn) mg/L	Blank <0.0005
Molybdenum (Mo) mg/L	Blank <0.0005
Nickel (Ni) mg/L	Blank <0.0005
Lead (Pb) mg/L	Blank <0.0005
Potassium (K) mg/L	Blank <0.05
Selenium (Se) mg/L	Blank <0.001
Sodium (Na) mg/L	Blank <0.05
Titanium (Ti) mg/L	Blank <0.01
Uranium (leaching) mg/L	Blank <0.001
Vanadium (V) mg/L	Blank <0.0005
Zinc (Zn) mg/L	Blank <0.001
Standard name DMR-0682-2015-Zn	
Result 225	
Accuracy 92.2%	
Limit 207 - 281	

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

This report shall not be reproduced except in full without the written authority of the laboratory.

Additional information

Lab number: V-46958
Sample name: PAG-B5a-2
Sampling location: PAG-B5a-2

Sampling date: August 12, 2015
Sampling hour: 09:35

Lab method	Method reference
M-LIX-1.0	MA.100-Lix.com. 1.1

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.

Analytical Report

Company: **Agnico Eagle Meliadine**

Client: M. Philip Roy
Address: Meliadine
Rankin Inlet Nunavut X0C 0A0
Phone: (867) 645-2990 (3903)
Fax: (000) 000-0000

Lab number: V-46957

Sampling location: PAG-B5a-1

Sampling date: August 12, 2015

Sample name: PAG-B5a-1

Sampling hour: 09:30

Sampled by: AG

Date received: August 18, 2015

Matrix: Solid

Drinking water distribution:

Reported on: September 09, 2015

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.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.

Analytical Report

Lab number: V-46957

Sample name: PAG-B5a-1

Sampling location: PAG-B5a-1

Sampling date: August 12, 2015

Sampling hour: 09:30

Parameter	Result	Method name	Analysis date
Leaching (SFE)		Sous-traitance\Multilab Direct	
Aluminium (Al)	1.17 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Silver (Ag)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Barium (Ba)	0.0045 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Bismuth (Bi)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Boron (leaching)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Cadmium (Cd)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Calcium (Ca)	8.19 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Cobalt (Co)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Copper (Cu)	0.0051 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Iron (Fe)	0.29 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Magnesium (Mg)	0.40 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Manganese (Mn)	0.0111 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Nickel (Ni)	0.0013 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Lead (Pb)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Potassium (K)	0.81 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Silica (Leaching)	0.89 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Sodium (Na)	0.30 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Titanium (Ti)	0.01 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Uranium (leaching)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Zinc (Zn)	0.002 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Acid generating potentiel - MAB/		Sous-traitance\Multilab Direct	
ANC/PAS Ratio	51.12	Sous-traitance\Multilab Direct	
- Acide neutralizing capacity (AN)	30.3 Kg CaCO3/To	Sous-traitance\Multilab Direct	
- Acidity potentiel (AP)	0.59 Kg CaCO3/To	Sous-traitance\Multilab Direct	
- Net neutralization potential (NN)	29.76 Kg CaCO3/To	Sous-traitance\Multilab Direct	
- Sulfate %	<0.01 %S	Sous-traitance\Multilab Direct	
- Total Sulfur	0.02 %S	Sous-traitance\Multilab Direct	
- pH	8.92	Sous-traitance\Multilab Direct	
- Fizz Rate	Faible	Sous-traitance\Multilab Direct	

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

This report shall not be reproduced except in full without the written authority of the laboratory.

Detection limit

Lab number: V-46957

Sample name: PAG-B5a-1

Sampling location: PAG-B5a-1

Sampling date: August 12, 2015

Sampling hour: 09:30

Parameter	Value	Unit	Method	Accreditation
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0002	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Bismuth (Bi)	0.0005	mg/L	Sous-traitance	
Boron (leaching)	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.0001	mg/L	Sous-traitance	Yes
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Cobalt (Co)	0.001	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Lead (Pb)	0.0005	mg/L	Sous-traitance	Yes
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Titanium (Ti)		mg/L	Sous-traitance	
Uranium (leaching)	0.001	mg/L	Sous-traitance	Yes
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Acid generating potentiel - MAB/			Sous-traitance	
- Acide neutralizing capacity (AN)	0.01	Kg CaCO3/To	Sous-traitance	
- Acidity potentiel (AP)	0.01	Kg CaCO3/To	Sous-traitance	
- Net neutralization potential (NN)	0.01	Kg CaCO3/To	Sous-traitance	
- Sulfate %	0.01	%S	Sous-traitance	
- Total Sulfur	0.01	%S	Sous-traitance	
- pH			Sous-traitance	
- Fizz Rate			Sous-traitance	---

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

This report shall not be reproduced except in full without the written authority of the laboratory.

Quality control Report

Lab number: V-46957

Sample name: PAG-B5a-1

Sampling location: PAG-B5a-1

Sampling date: August 12, 2015

Sampling hour: 09:30

Parameter	
Aluminium (Al) mg/L	Blank <0.006
Silver (Ag) mg/L	Blank <0.0005
Arsenic (As) mg/L	Blank <0.0005
Barium (Ba) mg/L	Blank <0.0005
Beryllium (Be) mg/L	Blank <0.0005
Bismuth (Bi) mg/L	Blank <0.001
Boron (leaching) mg/L	Blank <0.01
Cadmium (Cd) mg/L	Blank <0.0001
Calcium (Ca) mg/L	Blank <0.03
Chrome (Cr) mg/L	Blank <0.0006
Cobalt (Co) mg/L	Blank <0.001
Copper (Cu) mg/L	Blank <0.0005
Tin (Sn) mg/L	Blank <0.001
Iron (Fe) mg/L	Blank <0.01
Magnesium (Mg) mg/L	Blank <0.02
Manganese (Mn) mg/L	Blank <0.0005
Molybdenum (Mo) mg/L	Blank <0.0005
Nickel (Ni) mg/L	Blank <0.0005
Lead (Pb) mg/L	Blank <0.0005
Potassium (K) mg/L	Blank <0.05
Selenium (Se) mg/L	Blank <0.001
Sodium (Na) mg/L	Blank <0.05
Titanium (Ti) mg/L	Blank <0.01
Uranium (leaching) mg/L	Blank <0.001
Vanadium (V) mg/L	Blank <0.0005
Zinc (Zn) mg/L	Blank <0.001
Standard name DMR-0682-2015-Zn	
Result 225	
Accuracy 92.2%	
Limit 207 - 281	

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

This report shall not be reproduced except in full without the written authority of the laboratory.

Additional information

Lab number: V-46957
Sample name: PAG-B5a-1
Sampling location: PAG-B5a-1

Sampling date: August 12, 2015
Sampling hour: 09:30

Lab method	Method reference
M-LIX-1.0	MA.100-Lix.com. 1.1

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.

Analytical Report

Company: **Agnico Eagle Meliadine**

Client: M. Philip Roy
Address: Meliadine
Rankin Inlet Nunavut X0C 0A0
Phone: (867) 645-2990 (3903)
Fax: (000) 000-0000

Lab number: V-46956

Sampling location: PAG-B5-3

Sampling date: August 12, 2015

Sample name: PAG-B5-3

Sampling hour: 10:00

Sampled by: AG

Date received: August 18, 2015

Matrix: Solid

Drinking water distribution:

Reported on: September 09, 2015

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.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.

Analytical Report

Lab number: V-46956

Sample name: PAG-B5-3

Sampling location: PAG-B5-3

Sampling date: August 12, 2015

Sampling hour: 10:00

Parameter	Result	Method name	Analysis date
Leaching (SFE)		Sous-traitance\Multilab Direct	
Aluminium (Al)	0.101 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Silver (Ag)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Barium (Ba)	0.0014 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Bismuth (Bi)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Boron (leaching)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Cadmium (Cd)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Calcium (Ca)	0.55 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Chrome (Cr)	0.0016 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Cobalt (Co)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Copper (Cu)	0.0035 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Iron (Fe)	0.22 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Magnesium (Mg)	0.19 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Manganese (Mn)	0.0077 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Molybdenum (Mo)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Nickel (Ni)	0.0056 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Lead (Pb)	0.0301 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Potassium (K)	0.49 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Silica (Leaching)	0.87 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Sodium (Na)	0.26 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Uranium (leaching)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Zinc (Zn)	0.002 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Acid generating potentiel - MABA		Sous-traitance\Multilab Direct	
ANC/PAS Ratio	14.93	Sous-traitance\Multilab Direct	September 04, 2015
- Acide neutralizing capacity (ANC)	8.16 Kg CaCO3/Tonne	Sous-traitance\Multilab Direct	September 04, 2015
- Acidity potentiel (AP)	0.55 Kg CaCO3/Tonne	Sous-traitance\Multilab Direct	September 04, 2015
- Net neutralization potential (NNP)	7.620 Kg CaCO3/Tonne	Sous-traitance\Multilab Direct	September 04, 2015
- Sulfate %	<0.01 %S	Sous-traitance\Multilab Direct	September 04, 2015
- Total Sulfur	0.02 %S	Sous-traitance\Multilab Direct	September 01, 2015
- pH	6.6	Sous-traitance\Multilab Direct	September 02, 2015
- Fizz Rate	Aucun	Sous-traitance\Multilab Direct	September 04, 2015

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

This report shall not be reproduced except in full without the written authority of the laboratory.

Detection limit

Lab number: V-46956

Sample name: PAG-B5-3

Sampling location: PAG-B5-3

Sampling date: August 12, 2015

Sampling hour: 10:00

Parameter	Value	Unit	Method	Accreditation
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0002	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Bismuth (Bi)	0.0005	mg/L	Sous-traitance	
Boron (leaching)	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.0001	mg/L	Sous-traitance	Yes
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Cobalt (Co)	0.001	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Lead (Pb)	0.0005	mg/L	Sous-traitance	Yes
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Titanium (Ti)		mg/L	Sous-traitance	
Uranium (leaching)	0.001	mg/L	Sous-traitance	Yes
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Acid generating potentiel - MABA			Sous-traitance	
- Acide neutralizing capacity (ANC)	0.01	Kg CaCO3/Tonne	Sous-traitance	
- Acidity potentiel (AP)	0.01	Kg CaCO3/Tonne	Sous-traitance	
- Net neutralization potential (NNP)	0.01	Kg CaCO3/Tonne	Sous-traitance	
- Sulfate %	0.01	%S	Sous-traitance	
- Total Sulfur	0.01	%S	Sous-traitance	
- pH			Sous-traitance	
- Fizz Rate			Sous-traitance	---

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

This report shall not be reproduced except in full without the written authority of the laboratory.

Quality control Report

Lab number: V-46956

Sample name: PAG-B5-3

Sampling location: PAG-B5-3

Sampling date: August 12, 2015

Sampling hour: 10:00

Parameter	
Aluminium (Al) mg/L	Blank <0.006
Silver (Ag) mg/L	Blank <0.0005
Arsenic (As) mg/L	Blank <0.0005
Barium (Ba) mg/L	Blank <0.0005
Beryllium (Be) mg/L	Blank <0.0005
Bismuth (Bi) mg/L	Blank <0.001
Boron (leaching) mg/L	Blank <0.01
Cadmium (Cd) mg/L	Blank <0.0001
Calcium (Ca) mg/L	Blank <0.03
Chrome (Cr) mg/L	Blank <0.0006
Cobalt (Co) mg/L	Blank <0.001
Copper (Cu) mg/L	Blank <0.0005
Tin (Sn) mg/L	Blank <0.001
Iron (Fe) mg/L	Blank <0.01
Magnesium (Mg) mg/L	Blank <0.02
Manganese (Mn) mg/L	Blank <0.0005
Molybdenum (Mo) mg/L	Blank <0.0005
Nickel (Ni) mg/L	Blank <0.0005
Lead (Pb) mg/L	Blank <0.0005
Potassium (K) mg/L	Blank <0.05
Selenium (Se) mg/L	Blank <0.001
Sodium (Na) mg/L	Blank <0.05
Titanium (Ti) mg/L	Blank <0.01
Uranium (leaching) mg/L	Blank <0.001
Vanadium (V) mg/L	Blank <0.0005
Zinc (Zn) mg/L	Blank <0.001
Standard name DMR-0682-2015-Zn	
Result 225	
Accuracy 92.2%	
Limit 207 - 281	

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

This report shall not be reproduced except in full without the written authority of the laboratory.

Additional information

Lab number: V-46956
Sample name: PAG-B5-3
Sampling location: PAG-B5-3

Sampling date: August 12, 2015
Sampling hour: 10:00

Lab method	Method reference
M-LIX-1.0	MA.100-Lix.com. 1.1

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.

Analytical Report

Company: **Agnico Eagle Meliadine**

Client: M. Philip Roy
Address: Meliadine
Rankin Inlet Nunavut X0C 0A0
Phone: (867) 645-2990 (3903)
Fax: (000) 000-0000

Lab number: V-46955

Sampling location: PAG-B5-2

Sampling date: August 12, 2015

Sample name: PAG-B5-2

Sampling hour: 09:55

Sampled by: AG

Date received: August 18, 2015

Matrix: Solid

Drinking water distribution:

Reported on: September 09, 2015

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.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.

Analytical Report

Lab number: V-46955

Sample name: PAG-B5-2

Sampling location: PAG-B5-2

Sampling date: August 12, 2015

Sampling hour: 09:55

Parameter	Result	Method name	Analysis date
Leaching (SFE)		Sous-traitance\Multilab Direct	
Aluminium (Al)	0.364 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Silver (Ag)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Arsenic (As)	0.0019 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Barium (Ba)	0.0011 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Bismuth (Bi)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Boron (leaching)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Cadmium (Cd)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Calcium (Ca)	10.5 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Cobalt (Co)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Copper (Cu)	0.0054 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Iron (Fe)	0.14 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Magnesium (Mg)	0.58 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Manganese (Mn)	0.0018 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Molybdenum (Mo)	0.0012 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Nickel (Ni)	0.0016 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Lead (Pb)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Potassium (K)	1.41 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Silica (Leaching)	1.18 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Sodium (Na)	0.93 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Titanium (Ti)	0.01 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Uranium (leaching)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Zinc (Zn)	0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Acid generating potentiel - MABA		Sous-traitance\Multilab Direct	
ANC/PAS Ratio	27.23	Sous-traitance\Multilab Direct	September 04, 2015
- Acide neutralizing capacity (ANC)	28.9 Kg CaCO3/Tonne	Sous-traitance\Multilab Direct	September 04, 2015
- Acidity potentiel (AP)	1.06 Kg CaCO3/Tonne	Sous-traitance\Multilab Direct	September 04, 2015
- Net neutralization potential (NNP)	27.87 Kg CaCO3/Tonne	Sous-traitance\Multilab Direct	September 04, 2015
- Sulfate %	0.01 %S	Sous-traitance\Multilab Direct	September 04, 2015
- Total Sulfur	0.04 %S	Sous-traitance\Multilab Direct	September 01, 2015
- pH	9.15	Sous-traitance\Multilab Direct	September 02, 2015
- Fizz Rate	Aucun	Sous-traitance\Multilab Direct	September 04, 2015

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

This report shall not be reproduced except in full without the written authority of the laboratory.

Detection limit

Lab number: V-46955

Sample name: PAG-B5-2

Sampling location: PAG-B5-2

Sampling date: August 12, 2015

Sampling hour: 09:55

Parameter	Value	Unit	Method	Accreditation
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0002	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Bismuth (Bi)	0.0005	mg/L	Sous-traitance	
Boron (leaching)	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.0001	mg/L	Sous-traitance	Yes
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Cobalt (Co)	0.001	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Lead (Pb)	0.0005	mg/L	Sous-traitance	Yes
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Titanium (Ti)		mg/L	Sous-traitance	
Uranium (leaching)	0.001	mg/L	Sous-traitance	Yes
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Acid generating potentiel - MABA			Sous-traitance	
- Acide neutralizing capacity (ANC)	0.01	Kg CaCO3/Tonne	Sous-traitance	
- Acidity potentiel (AP)	0.01	Kg CaCO3/Tonne	Sous-traitance	
- Net neutralization potential (NNP)	0.01	Kg CaCO3/Tonne	Sous-traitance	
- Sulfate %	0.01	%S	Sous-traitance	
- Total Sulfur	0.01	%S	Sous-traitance	
- pH			Sous-traitance	
- Fizz Rate			Sous-traitance	---

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

This report shall not be reproduced except in full without the written authority of the laboratory.

Quality control Report

Lab number: V-46955

Sample name: PAG-B5-2

Sampling location: PAG-B5-2

Sampling date: August 12, 2015

Sampling hour: 09:55

Parameter	
Aluminium (Al) mg/L	Blank <0.006
Silver (Ag) mg/L	Blank <0.0005
Arsenic (As) mg/L	Blank <0.0005
Barium (Ba) mg/L	Blank <0.0005
Beryllium (Be) mg/L	Blank <0.0005
Bismuth (Bi) mg/L	Blank <0.001
Boron (leaching) mg/L	Blank <0.01
Cadmium (Cd) mg/L	Blank <0.0001
Calcium (Ca) mg/L	Blank <0.03
Chrome (Cr) mg/L	Blank <0.0006
Cobalt (Co) mg/L	Blank <0.001
Copper (Cu) mg/L	Blank <0.0005
Tin (Sn) mg/L	Blank <0.001
Iron (Fe) mg/L	Blank <0.01
Magnesium (Mg) mg/L	Blank <0.02
Manganese (Mn) mg/L	Blank <0.0005
Molybdenum (Mo) mg/L	Blank <0.0005
Nickel (Ni) mg/L	Blank <0.0005
Lead (Pb) mg/L	Blank <0.0005
Potassium (K) mg/L	Blank <0.05
Selenium (Se) mg/L	Blank <0.001
Silica (Leaching) mg/L	Blank <0.01
Sodium (Na) mg/L	Blank <0.05
Tellurium (Te) mg/L	Blank <0.0005
Titanium (Ti) mg/L	Blank <0.01
Uranium (leaching) mg/L	Blank <0.001
Vanadium (V) mg/L	Blank <0.0005
Zinc (Zn) mg/L	Blank <0.001
Standard name DMR-0682-2015-Zn	
Result 225	
Accuracy 92.2%	
Limit 207 - 281	

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

This report shall not be reproduced except in full without the written authority of the laboratory.

Additional information

Lab number: V-46955
Sample name: PAG-B5-2
Sampling location: PAG-B5-2

Sampling date: August 12, 2015
Sampling hour: 09:55

Lab method	Method reference
M-LIX-1.0	MA.100-Lix.com. 1.1

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.

Analytical Report

Company: **Agnico Eagle Meliadine**

Client: M. Philip Roy
Address: Meliadine
Rankin Inlet Nunavut X0C 0A0
Phone: (867) 645-2990 (3903)
Fax: (000) 000-0000

Lab number: V-46954

Sampling location: PAG-B5-1

Sampling date: August 12, 2015

Sample name: PAG-B5-1

Sampling hour: 09:50

Sampled by: AG

Date received: August 18, 2015

Matrix: Solid

Drinking water distribution:

Reported on: September 09, 2015

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.

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.

Analytical Report

Lab number: V-46954

Sample name: PAG-B5-1

Sampling location: PAG-B5-1

Sampling date: August 12, 2015

Sampling hour: 09:50

Parameter	Result	Method name	Analysis date
Leaching (SFE)		Sous-traitance\Multilab Direct	
Aluminium (Al)	0.408 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Silver (Ag)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Arsenic (As)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Barium (Ba)	0.0008 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Beryllium (Be)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Bismuth (Bi)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Boron (leaching)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Cadmium (Cd)	<0.0001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Calcium (Ca)	7.98 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Chrome (Cr)	<0.0006 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Cobalt (Co)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Copper (Cu)	0.005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Tin (Sn)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Iron (Fe)	0.14 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Magnesium (Mg)	0.49 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Manganese (Mn)	0.0018 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Molybdenum (Mo)	0.0006 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Nickel (Ni)	0.0015 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Lead (Pb)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Potassium (K)	1.24 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Selenium (Se)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Silica (Leaching)	1.17 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Sodium (Na)	0.66 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Tellurium (Te)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Titanium (Ti)	<0.01 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Uranium (leaching)	<0.001 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Vanadium (V)	<0.0005 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Zinc (Zn)	0.002 mg/L	Sous-traitance\Multilab Direct	August 25, 2015
Acid generating potentiel - MABA		Sous-traitance\Multilab Direct	
ANC/PAS Ratio	112.71	Sous-traitance\Multilab Direct	September 04, 2015
- Acide neutralizing capacity (ANC)	45.7 Kg CaCO3/Tonne	Sous-traitance\Multilab Direct	September 04, 2015
- Acidity potentiel (AP)	0.41 Kg CaCO3/Tonne	Sous-traitance\Multilab Direct	September 04, 2015
- Net neutralization potential (NNP)	45.38 Kg CaCO3/Tonne	Sous-traitance\Multilab Direct	September 04, 2015
- Sulfate %	<0.01 %S	Sous-traitance\Multilab Direct	September 04, 2015
- Total Sulfur	0.02 %S	Sous-traitance\Multilab Direct	September 01, 2015
- pH	9.36	Sous-traitance\Multilab Direct	September 02, 2015
- Fizz Rate	Aucun	Sous-traitance\Multilab Direct	September 04, 2015

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

This report shall not be reproduced except in full without the written authority of the laboratory.

Detection limit

Lab number: V-46954

Sample name: PAG-B5-1

Sampling location: PAG-B5-1

Sampling date: August 12, 2015

Sampling hour: 09:50

Parameter	Value	Unit	Method	Accreditation
Aluminium (Al)	0.006	mg/L	Sous-traitance	
Silver (Ag)	0.0002	mg/L	Sous-traitance	Yes
Arsenic (As)	0.0005	mg/L	Sous-traitance	Yes
Barium (Ba)	0.0005	mg/L	Sous-traitance	Yes
Beryllium (Be)	0.0005	mg/L	Sous-traitance	
Bismuth (Bi)	0.0005	mg/L	Sous-traitance	
Boron (leaching)	0.01	mg/L	Sous-traitance	
Cadmium (Cd)	0.0001	mg/L	Sous-traitance	Yes
Calcium (Ca)	0.03	mg/L	Sous-traitance	Yes
Chrome (Cr)	0.0006	mg/L	Sous-traitance	Yes
Cobalt (Co)	0.001	mg/L	Sous-traitance	
Copper (Cu)	0.0005	mg/L	Sous-traitance	Yes
Tin (Sn)	0.001	mg/L	Sous-traitance	Yes
Iron (Fe)	0.01	mg/L	Sous-traitance	Yes
Magnesium (Mg)	0.02	mg/L	Sous-traitance	Yes
Manganese (Mn)	0.0005	mg/L	Sous-traitance	Yes
Molybdenum (Mo)	0.0005	mg/L	Sous-traitance	Yes
Nickel (Ni)	0.0005	mg/L	Sous-traitance	Yes
Lead (Pb)	0.0005	mg/L	Sous-traitance	Yes
Potassium (K)	0.05	mg/L	Sous-traitance	
Selenium (Se)	0.001	mg/L	Sous-traitance	Yes
Sodium (Na)	0.05	mg/L	Sous-traitance	Yes
Titanium (Ti)		mg/L	Sous-traitance	
Uranium (leaching)	0.001	mg/L	Sous-traitance	Yes
Vanadium (V)	0.0005	mg/L	Sous-traitance	Yes
Zinc (Zn)	0.001	mg/L	Sous-traitance	Yes
Acid generating potentiel - MABA			Sous-traitance	
- Acide neutralizing capacity (ANC)	0.01	Kg CaCO3/Tonne	Sous-traitance	
- Acidity potentiel (AP)	0.01	Kg CaCO3/Tonne	Sous-traitance	
- Net neutralization potential (NNP)	0.01	Kg CaCO3/Tonne	Sous-traitance	
- Sulfate %	0.01	%S	Sous-traitance	
- Total Sulfur	0.01	%S	Sous-traitance	
- pH			Sous-traitance	
- Fizz Rate			Sous-traitance	---

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

This report shall not be reproduced except in full without the written authority of the laboratory.

Quality control Report

Lab number: V-46954

Sample name: PAG-B5-1

Sampling location: PAG-B5-1

Sampling date: August 12, 2015

Sampling hour: 09:50

Parameter	
Aluminium (Al) mg/L	Blank <0.006
Silver (Ag) mg/L	Blank <0.0005
Arsenic (As) mg/L	Blank <0.0005
Barium (Ba) mg/L	Blank <0.0005
Beryllium (Be) mg/L	Blank <0.0005
Bismuth (Bi) mg/L	Blank <0.001
Boron (leaching) mg/L	Blank <0.01
Cadmium (Cd) mg/L	Blank <0.0001
Calcium (Ca) mg/L	Blank <0.03
Chrome (Cr) mg/L	Blank <0.0006
Cobalt (Co) mg/L	Blank <0.001
Copper (Cu) mg/L	Blank <0.0005
Tin (Sn) mg/L	Blank <0.001
Iron (Fe) mg/L	Blank <0.01
Magnesium (Mg) mg/L	Blank <0.02
Manganese (Mn) mg/L	Blank <0.0005
Molybdenum (Mo) mg/L	Blank <0.0005
Nickel (Ni) mg/L	Blank <0.0005
Lead (Pb) mg/L	Blank <0.0005
Potassium (K) mg/L	Blank <0.05
Selenium (Se) mg/L	Blank <0.001
Silica (Leaching) mg/L	Blank <0.01
Sodium (Na) mg/L	Blank <0.05
Tellurium (Te) mg/L	Blank <0.0005
Titanium (Ti) mg/L	Blank <0.01
Uranium (leaching) mg/L	Blank <0.001
Vanadium (V) mg/L	Blank <0.0005
Zinc (Zn) mg/L	Blank <0.001
Standard name DMR-0682-2015-Zn	
Result 225	
Accuracy 92.2%	
Limit 207 - 281	

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

This report shall not be reproduced except in full without the written authority of the laboratory.

Additional information

Lab number: V-46954
Sample name: PAG-B5-1
Sampling location: PAG-B5-1

Sampling date: August 12, 2015
Sampling hour: 09:50

Lab method	Method reference
M-LIX-1.0	MA.100-Lix.com. 1.1

Sauf indication contraire, tous les échantillons ont été reçus en bon état.
This report shall not be reproduced except in full without the written authority of the laboratory.