AANDC Inspection Report – June 9, 2015 and Follow-up

WATER LICENCE INSPECTION FORM

☒ Original
☐ Follow-Up Report

Licensee	Licensee Representative
2BB-MEL1424	Phillip Roy
Licence No. / Expiry	**Representative's Title**
July 21st, 2024	Environmental Technician
Land / Other Authorizations	**Land / Other Authorizations**
2BW-MEL1525	N2013C0002
Date of Inspection	**Inspector**
June 9th, 2015	WRO Wilson

Activities Inspected

☒ Camp ☐ Drilling ☐ Mining ☐ Construction ☐ Reclamation ☐ Fuel Storage
☒ Roads/Hauling ☒ Other: Water Discharge ☐ Other:

Conditions: **A - Acceptable** **C - Concern** **U - Unacceptable** **NA – Not Applicable** **NI – Not Inspected**

Water Use	Condition	Comment	Site Conditions	Condition	Comment	Haz/Mat Management	Condition	Comment
Intake/Screen	A	1	Water Management Structures	C	2	Storage	A	
Flow Measure. Device	A	1	Culverts / Bridges	NI		Spills	A	
Source: Meliadine Lake	NI	1	Drainage	C	3	Spill Plan	A	
Recirculation (y /n)	Y		Mitigation Measures	C	2	**Administrative**		
Waste Disposal			Signage	NI		Plans	A	4
Waste Water	A	5	**Monitoring**			**Other**		
Waste Water Treatment	A	4	Sample Collection / Analysis	A	5			

**The number in the comments field will correspond with specific comments provided below.*

Samples taken by Inspector:	Location(s): No samples collect due to freezing conditions
☐ Yes ☒ No	

SECTION 1 ☒ **Comments** (s.__) ☐ **Non-Compliance with Act or Licence** (s.__) ☐ **Action Required** (s.__)

Agnico Eagle Mines Limited (AEML)'s Meliadine Gold Project was issued a renewed water licence on July 22th, 2014 by the Nunavut Water Board for the term of ten (10) years.

On June 9th, 2015 a regularly scheduled compliance inspection was completed by Aboriginal Affairs and Northern Development Canada's Water Resource Officer (WRO), Christine Wilson. AEML's Environmental Technician, Phillip Roy accompanied WRO Wilson during the inspection. The following was noted.

Pre Inspection Meeting

- A construction team is arriving to complete 2015 mine pre-development work. The development consists of pad and access road construction but also includes erecting a communication tower and a new wing with 50 room accommodations.
- There is currently 60 people onsite
- Effluent from the Sewage Treatment Plant (STP) continues to meet criteria. No water has required additional treatment and containment in the retention tanks as per the Used Water Management Plan (May 2013).

Water Use

1. One raw water intake continues to be utilized from Meliadine Lake, referred to as monitoring station "MEL-1" in the current water licence. Water required for use at the portal area is trucked from Mel 1 to the Portal.
2. At the Portal there are two sumps used for water management referred to as "Sump 1" and "Portal Surface Sump" by AEM Environment Department. Sump 1 is located at the bottom of the ramp at the entrance to the Portal. This sump contains mine water from the underground exploration and also surface drainage that is captured by the Portal's descent underground which originally drained toward Peanut Lake. The water collected in Sump 1 is metered and re-used in the underground exploration. This water is also pumped to Portal Surface Sump where it is stored for use. The Portal Surface Sump is located at the top of the Portal Ramp (see Photo 1). This sump collects some surface water but is mostly used as a secondary to Sump 1. The Portal Surface Sump does not discharge water but stores it for use in the underground exploration (etc.: drilling, brine mixing and recirculation).
3. Located on the up gradient side of the the Ore and Rock Stockpile Area are ponds water (photo 4). Clarity is requested as to the natural drainage paths of the A57 and A58 Lakes (as referred to in figure 3 of MGP Waste Rock Management Plan- Aug 2010).

Waste Water

4. AEML has fulfilled a number of the improvements detailed in the Used Water Management Plan (May 2013) throughout 2013/2014. This work has greatly improved the overall waste water treatment and discharge of the STP at the Meliadine Site. The completion of the dissipation channel in 2014 minimizes erosion at the STP effluent outfall referred to as "MEL 7" in the water licence.
5. The management at the Burn Area and Recycling facility has improved. No unapproved items were noted during the inspection. The Inspector no longer requires monitoring of the runoff water though encourages AEML to make an independent determination.

SECTION 2 ☐ **Comments** (s.__) ☒ **Non-Compliance with Act or Licence (s.2)** ☐ **Action Required** (s.__)

No non-compliance with the Act or Licence was noted at the time of the inspection.

SECTION 3 ☐ **Comments** (s.__) ☐ **Non-Compliance with Act or Licence,** (s.__) ☒ **Action Required** (s.3)

- The Inspector request clarification on the measures taken to minimize the impacts on surface drainage.
- The Inspector reminds the Licensee to review PART E item 9 which specifically discusses access road and pad construction.
- The Inspector was concerned with the lack of information available to the Nunavut Water Board regarding the Portal Surface Sump. The high water levels of Peanut Lake put this water management structure adjacent to a pond of water that feeds into Peanut Lake separated by only the portal pad/road (photo 3). Information is requested about the construction of this Portal Surface Sump before the term of the next inspection (August 2015).

Closing Remarks

The AEML Environment Department has been helpful and accommodating while working with AANDC Inspector at the Kivalliq Regional Office. The intention is to have more frequent regularly scheduled inspection as changes develop.

Licensee or Representative	**Inspector's Name**
	WRO C Wilson
Signature	**Signature**
	Sent by e-mail
Date	**Date**
	July 21st, 2015

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

Attached: 2BB-MEL1425 Photo Log, June 9th, 2015 and supporting photos from July 21st, 2015.

cc. Erik Allain, Manager Field Operations, AANDC
David Frenette, Environmental Coordinator, AEML

PHOTO LOG

Date:	Authorization Number:	Camera/Model:	Inspector
June 9th, 2015	2BB-MEL1424	Sony DSC-HX50V Cyber shot	WRO Wilson

Locations name:	Lat/Long (DD.MM.SS.SS, NAD83)
Photo 1	N63° 1′ 36.47″, W92° 12′ 40.433″

Descirption:
Portal Surface Sump

Locations name:	Lat/Long (DD.MM.SS.SS, NAD83)
Photo 2	N 63° 1′ 34.4819″ W 92° 12′ 34.09″

Description:
Pond of water adjacent to Portal Surface Sump and Silt Fensing up gradient from Peanut Lake.

Locations name:	Lat/Long (DD.MM.SS.SS, NAD83)
Photo 3 (picture from July 21st, 2015)	

Description:

Spacially reference of Portal and Rock Stockpile Areas

Locations name:	Lat/Long (DD.MM.SS.SS, NAD83)
Photo 4 (picture from July 21st, 2015)	

Descirption:
Ore and Rock Stockpiles

August 25th 2015

Christine Wilson
Water Resource Officer
Aboriginal Affairs and Northern Development Canada
Kivalliq Regional Office
Ikingutigiit Center, Suite 1
Rankin Inlet, NU X0C 0G0

Your files: 2015-KIV004-CW
2015-KIV003-CW

Re: Response to comments and actions required by AANDC in the water licences 2BB-MEL1424 and 2BW-MEL1525 inspection reports

Dear Ms. Wilson,

As requested, the following information is intended to address the comments and required actions outlined in the two above mentioned inspection reports.

Should you have any questions or require further information, please contact Stephane Robert or Kevin Buck

Regards,

Agnico Eagle Mines Limited – Meliadine Division

Stéphane Robert
stephane.robert@agnicoeagle.com
819-763-0229
Manager Regulatory Affairs Nunavut

Kevin Buck
kevin.buck@agnicoeagle.com
819-759-3555 x6838
Environment Superintendent Nunavut

AGNICO EAGLE

2BB-MEL1424 Water Licence inspection report – June 09, 2015

1. **The Inspector requests clarification on the measures taken to minimize the impacts on surface drainage. Also, clarity is requested as to the natural drainage paths of the A57 and A58 lakes (as referred to in figure 3 of MGP Waste Rock Management Plan-August 2010).**

AEM inspects the sides of the pads and road on a regular basis (by an ATV and/or walk around the pads and road of the Meliadine site – not the AWAR). Those inspections are undertaken to identify any movement of sediments, erosion and surface drainage quality. There is no special inspection done specifically for that purpose, it is part of the regular, overall environmental Site Inspections. When a problem concerning surface drainage is identified, the issue is discussed with Site Management and solutions are planned and implemented according to the level of priority/risk the problem represents. Silt fences are installed when sediment migration is observed.

As for the natural drainage paths of the A57 and A58 lakes, natural drainage is interrupted by the portal access road. They are considered as part of P1 under water License 2BB-MEL1424. P stands for Primary as in Primary containment area.

2. **The Inspector reminds the Licensee to review PART E item 9 which specifically discusses access road and pad construction.**

AEM reviewed PART E item 9 and confirms that no debris or sediments will be deposited onto or into any body of water during pad construction, access road construction or other earthworks. Debris and sediments will be disposed/collected in a way that they do not enter water and at a minimum distance of 31 meters of ordinary High Water Mark.

3. **The Inspector was concerned with the lack of information available to the Nunavut Water Board regarding the Portal Surface Sump. The high water levels of Peanut Lake put this water management structure adjacent to a pond of water that feeds into Peanut Lake separated by only the portal pad/road. Information is requested about the construction of this Portal Surface Sump before the term of the next inspection (August 2015).**

For details regarding the construction of the Portal Surface sump, please see Figure A1 and A2 of Appendix A of the August 2010 Meliadine Project Water Management Plan attached to this document. Plans show that a liner was installed during construction of the sump.

Also, p.5 of the February 2014 Water Management Plan (Licence 2BB-MEL0914) says :

«The north side of the road along the Primary Containment Area and the south side of the sump were lined in late 2007 with a woven polypropylene/polyvinyl liner to contain site runoff.»

2BW-MEL1525 Water Licence inspection report – June 09, 2015

4. **Section 1, Item 1 and 2 have been addressed with the details of these actions in a report sent to the inspector. The Licensee will resubmit this report in PDF to Nunavut Water Board, Manager of Licencing in a final draft.**

A copy of the report produced by AEM in response to the AANDC inspection and describing corrective measures that havee been put in place to address AANDC concerns will be sent to the Nunavut Water Board. Please find a copy attached with this document.

5. **The Licensee will submit the final drafts of the spill contingency plan to relevant regulatory agencies to ensure consistency across all departments.**

The February 2014 Spill Contingency Plan produced in accordance to Water Licences 2BE-MEP1318, 2BB-MEL0914 and 2BW-MEL1215 is currently under revision. AEM will send the final draft to all relevant regulatory agencies including AANDC as soon as it is completed.

6. **The inspector requested to be included on this correspondence.**

WRO Wilson will be included in the correspondence to relevant regulatory agencies.

AANDC Inspection Reports – October 8, 2015 and Follow-up

WATER LICENCE INSPECTION FORM

☒ Original
☐ Follow-Up Report

Licensee	Licensee Representative
2BB-MEL1424	Alexandre Gauthier
Licence No. / Expiry	**Representative's Title**
July 21st, 2024	Environmental Technician
Land / Other Authorizations	**Land / Other Authorizations**
IOL	N2013C0002
Date of Inspection	**Inspector**
October 8th, 2015	WRO C. Wilson

Activities Inspected

☒ Camp ☐ Drilling ☐ Mining ☐ Construction ☐ Reclamation ☐ Fuel Storage
☒ Roads/Hauling ☒ Other: Water Discharge ☐ Other:

Conditions: **A - Acceptable** **C - Concern** **U - Unacceptable** **NA – Not Applicable** **NI – Not Inspected**

Water Use	Condition	Comment	Site Conditions	Condition	Comment	Haz/Mat Management	Condition	Comment
Intake	A	1	Water Management Structures	A	6	Storage	NI	--
Flow Measure. Device	A	1,2	Culverts / Bridges	NI	--	Spills	A	12
Source: Meliadine Lake	A	1	Drainage	NI	--	Spill Contingency Plan	A	12
Water Use: (m^3)	A	1,2	Erosion / Sediment	A	5,14			
Recirculation (y /n)	Y	--	Mitigation Measures	A	14	**Administrative**		
			Reclamation Activities	NI	--	Records	A	1,2,
			Materials Storage	NI	--	Reports	A	--
Waste			Signage	NI	--	Plans	A	--
Waste Water	A	3,4,5				Notifications	A	11
Hazardous Waste	--	--	**Monitoring**			**Other**		
Solid Waste	--	--	Sample Collection	A	1,8			
			Analysis	A	7			

**The number in the comments field will correspond with specific comments provided below.*

Samples taken by Inspector:	Location(s): MEL-7 "Final Effluent Discharge from the BIODISK treatment system"
☒ Yes ☐ No	

SECTION 1 ☒ **Comments** (s.__) ☐ **Non-Compliance with Act or Licence** (s.__) ☐ **Action Required** (s.__)

On October 8th, 2015 a regularly scheduled compliance inspection of 2BB-MEL1424 was completed by Aboriginal Affairs and Northern Development Canada's Water Resource Officer (WRO), Christine Wilson with the assistances of Agnico Eagle Gold Mines Limited's Environmental Technician, Alexandre Gauthier. The following is a recorded of observations made during the inspection.

Observations

Water Use

1. One water intake is used from Meliadine Lake for both domestic and industrial purposes (approximately located at 63° 01' 46.8"N, 92° 10' 15.6"W). The water is metered and recorded as MEL-1.
2. Water is trucked to the Portal Area from the Meliadine Lake intake (considered in the MEL-1 totals) for domestic purposes in the office and also industrial uses for the underground operation.

Waste Water

3. All waste water produced at the Portal Area is trucked to the exploration camp Sewage Treatment Plant (STP).
4. Two 40' bionest units have been setup at the exploration camp alongside the current STP. AEM has submitted an amendment seeking approval from the NWB to operate these units. The additional sewage treatment units are needed to accommodate more personal as construction ramps up under the recently issued water licence no. 8BC-MEL1516.
5. No concerns were noted regarding the STP.
6. During the last inspection information regarding the surface sump at the top of the Portal ramp that which holds waste water used in the underground exploration was requested. This information was provided to the inspector.

Monitoring

7. Monitoring station MEL-7 is located outside at the 'end of pipe' of the STP just before reaching the rock dissipation channel. This sampling location is not feasible during the winter months therefore to ensure consistency AEM will propose a new location for MEL-7 that captures the intent of the original station.
8. No concerns were noted with the sampling program.
9. Monitor station MEL-5 is identified as 'discharge from fuel containment facilities'. The inspector requested clarity regarding this location.

Administrative

10. Many activities are occurring onsite; currently AEM holds four water licences with NWB for the Meliadine Project. The scope of work for this licence included camp operation, fuel storage, land-farming and mineral exploration as found in PART A item (1) of the this licence.
11. 10 day notification was received by the inspector when treated water was to be discharged at MEL-6.

Spills

12. No spills have been reported to the 24 hr Spill Line over the course of 2015 at the Meliadine Project.

Construction

13. The camp currently has 135 people onsite for the pre-development of the future mine under the authority of 8BC-MEL1516. A separate water licence inspection report has been prepared for 8BC-MEL1516 (Report No. [2015-KIVCW-020]).
14. Silt curtain are used proximal to water bodies that may be impacted by sediment around site.

SECTION 2	☐ **Comments** (s.__)	☒ **Non-Compliance with Act or Licence (s.2)**	☐ **Action Required** (s.__)

No non-compliance with the Act or Licence was noted at the time of this writing

SECTION 3	☐ **Comments** (s.__)	☐ **Non-Compliance with Act or Licence,** (s.__)	☒ **Action Required** (s.3)

- The Inspector requests updated information (e.g.: location and rational) regarding MEL-7 in the October monthly monitoring report.
- The Licensee shall submit a map detailing the sampling locations as described in 2BB-MEL1424.
- The Licensee has committed to a discussion on activities occurring winter 2015/2016 at the Meladine Project. Follow up information will be provided to the Board by the Inspector.

All communication submitted to the Nunavut Water Board are to be directed to the Manager of Licencing pursuant to PART B item (14) (a). The Licensee must ensure acknowledgement of such submission pursuant to PART B item (16).

The Inspector appreciates AEM flexibility and assistance during the scheduling inspection.

Licensee or Representative	**Inspector's Name**
	WRO C Wilson
Signature	**Signature**
	Original signed on file
Date	**Date**
	October 19th, 2015

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

cc. Erik Allain, Manager Field Operations, AANDC
Jeff Pratt, Environmental Coordinator, AEML

Aboriginal Affairs and Northern Development Canada | Affaires autochtones et Développement du Nord Canada

WATER LICENCE INSPECTION FORM

☒ Original
☐ Follow-Up Report

Licensee	Licensee Representative
8BC-MEL1516	Alexandre Gauthier
Licence No. / Expiry	**Representative's Title**
December 31st, 2016	Environmental Technician
Land / Other Authorizations	**Land / Other Authorizations**
IOL	2BB-MEL1424
Date of Inspection	**Inspector**
October 8th, 2015	WRO C. Wilson

Activities Inspected

☐ Camp ☐ Drilling ☐ Mining ☒ Construction ☐ Reclamation ☐ Fuel Storage
☒ Roads/Hauling ☐ Other: Water Discharge ☐ Other:

Conditions: **A - Acceptable** **C - Concern** **U - Unacceptable** **NA – Not Applicable** **NI – Not Inspected**

Water Use	Condition	Comment	Site Conditions	Condition	Comment	Haz/Mat Management	Condition	Comment
Intake	NA	--	Water Management Structures	A	2	Storage	NA	--
Flow Measure. Device	NA	--	Culverts / Bridges	A	2	Spills	A	--
Source: Meliadine Lake	NA	--	Drainage	A	2	Spill Contingency Plan	A	--
Direct Water Use: (m^3)	NA	1 (a)	Erosion / Sediment	NI	--			
Recirculation (y /n)	NA	--	Mitigation Measures	NI	--	**Administrative**		
			Reclamation Activities	NA	--	Records	NI	--
			Materials Storage	NI	--	Reports	NI	--
Waste			Signage	NI	--	Plans	NI	--
Waste disposal	A	3				Notifications	NI	--
Waste Water	A	4	**Monitoring**			**Other**		
Solid Waste	NA	--	Sample Collection	A	10 (a)			
			Analysis	NI	--			

**The number in the comments field will correspond with specific comments provided below.*

Samples taken by Inspector:	Location(s): None
☐ Yes ☒ No	

SECTION 1 ☒ **Comments** (s.__) ☐ **Non-Compliance with Act or Licence** (s.__) ☐ **Action Required** (s.__)

September 5th, 2015 8BC-MEL1516 was issued to Agnico Eagle Gold Mines Limited (AEML) for the use of water and deposit of waste during the pre-development activities at Meliadine Gold Project.

On October 8th, 2015 a compliance inspection was completed by Aboriginal Affairs and Northern Development Canada's Water Resource Officer (WRO), Christine Wilson with the assistances of AEML Environmental Technician, Alexandre Gauthier. The following is a recorded of observations made by the inspector during the inspection.

Observations

Water Use and Protection

1. No issues regarding water use.
   a. it was noted that direct water use is to be captured under the 2BB-MEL1424 (domestic) and 2BW-MEL1525 (dust suppression).
2. Culvert No. 2(approximate location N63° 02' 01.8" W92° 13' 20.1") as discussed in the application has been constructed (photo 1).

Waste Disposal

3. No issues were noted regarding waste disposal.
4. Due to freezing temperatures there was no flowing water observed proximal to pre-development construction.

Construction

5. A communication tower (photo 2) has been constructed (approximate location N 63° 1' 45.1" W 92° 12' 46.1").
6. The road to the permanent mine site is under construction (photo 3). The greatest extent on October 8th, 2015 was approximately N 63° 2' 16.1" W 92° 13' 42.6".
7. The explosive storage area (approximate location N63° 01' 25.1" W92° 13' 34.0") has been constructed (photo 4).
8. A number of access roads have also been constructed to support development of infrastructure.
9. A 50 person accommodation wing has been added to the existing exploration camp to house construction staff during the pre-development stage of the project. AEM has submitted an amendment request to water licence No. 2BB-MEL1424 which will allow an increase in domestic water use for the additional personnel.
10. Waste rock from the ramp development work and borrow pit (B5, B6A) located on the AWAR will be used for establishment of the infrastructure pad at the future permanent mine site.
    a. AEM collected three ARD/ML samples of potential building material.
11. Material is being stockpiled in the quarries and near the portal for use during this winter pre-development activities.

SECTION 2 ☐ **Comments** (s.__) ☒ **Non-Compliance with Act or Licence (**s.2**)** ☐ **Action Required** (s.__)

No non-compliance with the Act or Licence was noted at the time of this writing

SECTION 3 ☐ **Comments** (s.__) ☐ **Non-Compliance with Act or Licence,** (s.__) ☒ **Action Required** (s.3)

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.

Canada

Licensee or Representative	Inspector's Name
	WRO C Wilson
Signature	**Signature**
	Original signed on file
Date	**Date**
	October 15th, 2015

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

cc. Erik Allain, Manager Field Operations, AANDC
Jeff Pratt, Environmental Coordinator, AEML

Date	Camera	Inspector	Authorization
October 8th, 2015	Sony Cyber Shot DSC-HX50V	WRO Wilson	8BC-MEL1516

Photo Log #	Location (NAD 83 DD MM SS.SS)
Photo 1	N 63° 02’ 1.37” W92° 13’ 19.92”

Description:

Culvert No. 2

Photo Log #	Location (NAD 83 DD MM SS.SS)
Photo 2	N 63° 1’ 45.1” W 92° 12’ 46.1”

Description:

Communication tower

Photo Log #	Location (NAD 83 DD MM SS.SS)
Photo 3	N 63° 2’ 16.1” W 92° 13’ 42.6”

Description:

End of Road as of 10.08.15

Photo Log #	Location (NAD 83 DD MM SS.SS)
Photo 4	N 63° 1’ 25.1” W 92° 13’ 34.0”

Description:

Explo Bunkers

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@aandc-aadnc.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

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.**

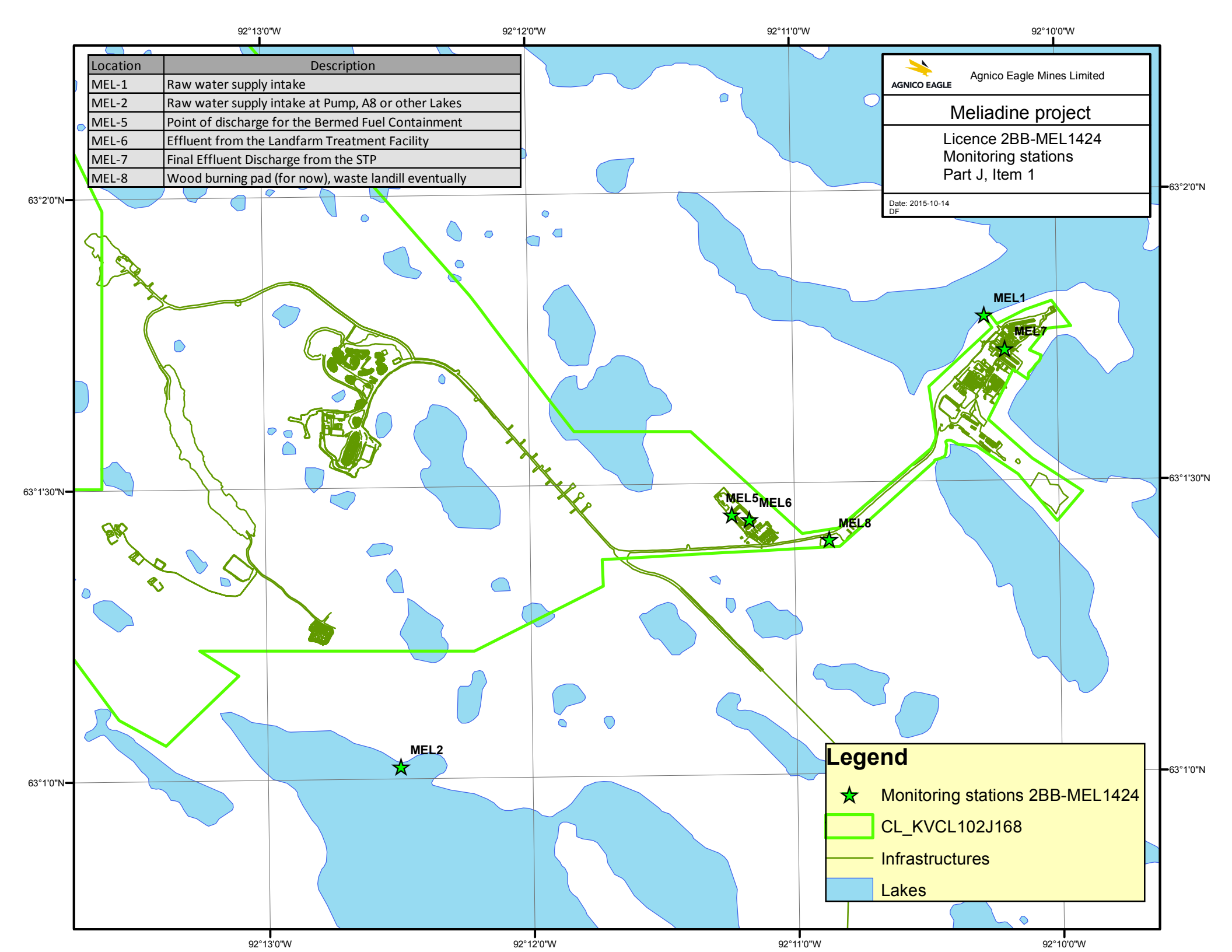
   AEM response: The construction schedule for 2015/2016 is listed below which will fall under license 8BC-MEL1516. As well a section for the 2BB-MEL1424.

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*

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


92°13'0"W
92°12'0"W
92°11'0"W
92°10'0"W
63°2'0"N
63°1'30"N
63°1'0"N
Location | Description
MEL-1 | Raw water supply intake
MEL-2 | Raw water supply intake at Pump, A8 or other Lakes
MEL-5 | Point of discharge for the Bermed Fuel Containment
MEL-6 | Effluent from the Landfarm Treatment Facility
MEL-7 | Final Effluent Discharge from the STP
MEL-8 | Wood burning pad (for now), waste landill eventually
AGNICO EAGLE
Agnico Eagle Mines Limited
Meliadine project
Licence 2BB-MEL1424
Monitoring stations
Part J, Item 1
Date: 2015-10-14
DF
MEL1
MEL7
MEL5
MEL6
MEL8
MEL2
Legend
Monitoring stations 2BB-MEL1424
CL_KVCL102J168
Infrastructures
Lakes

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.

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

Multilab Val-d'Or

Analytical Report

Lab number: V-46962

Sample name: PAG-B6a-3 | Sampling date: August 12, 2015

Sampling location: PAG-B6a-3 | 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.

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Site web: www.multilab-direct.com

Multilab Val-d'Or

Detection limit

Lab number: V-46962

Sample name: PAG-B6a-3 | Sampling date: August 12, 2015

Sampling location: PAG-B6a-3 | 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	---

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Multilab Val-d'Or

Quality control Report

Lab number: V-46962

Sample name: PAG-B6a-3 | Sampling date: August 12, 2015

Sampling location: PAG-B6a-3 | 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

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F-02-06
Version 3ième: 26/10/2005

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

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F-02-06
Version 3ième: 26/10/2005

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.

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Multilab Val-d'Or

Analytical Report

Lab number: V-46961

Sample name: PAG-B6a-2 | Sampling date: August 12, 2015

Sampling location: PAG-B6a-2 | 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.

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F-02-06
Version 3ième: 26/10/2005

Multilab Val-d'Or

Detection limit

Lab number: V-46961

Sample name: PAG-B6a-2 | Sampling date: August 12, 2015

Sampling location: PAG-B6a-2 | 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	---

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F-02-06
Version 3ième: 26/10/2005

Multilab Val-d'Or

Quality control Report

Lab number: V-46961

Sample name: PAG-B6a-2 | Sampling date: August 12, 2015

Sampling location: PAG-B6a-2 | 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

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F-02-06
Version 3ième: 26/10/2005

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

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F-02-06
Version 3ième: 26/10/2005

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.

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Multilab Val-d'Or

Analytical Report

Lab number: V-46960

Sample name: PAG-B6a-1 | Sampling date: August 12, 2015

Sampling location: PAG-B6a-1 | 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

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Site web: www.multilab-direct.com

Multilab Val-d'Or

Detection limit

Lab number: V-46960

Sample name: PAG-B6a-1 | Sampling date: August 12, 2015

Sampling location: PAG-B6a-1 | 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	---

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F-02-06
Version 3ième: 26/10/2005

Multilab Val-d'Or

Quality control Report

Lab number: V-46960

Sample name: PAG-B6a-1 Sampling date: August 12, 2015

Sampling location: PAG-B6a-1 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

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F-02-06
Version 3ième: 26/10/2005

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.

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F-02-06
Version 3ième: 26/10/2005

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.

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Multilab Val-d'Or

Analytical Report

Lab number: V-46959

Sample name: PAG-B5a-3 | Sampling date: August 12, 2015

Sampling location: PAG-B5a-3 | 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 - MABA			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

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F-02-06
Version 3ième: 26/10/2005

Multilab Val-d'Or

Detection limit

Lab number: V-46959

Sample name: PAG-B5a-3 | Sampling date: August 12, 2015

Sampling location: PAG-B5a-3 | 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 - MABA			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	---

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Multilab Val-d'Or

Quality control Report

Lab number: V-46959

Sample name: PAG-B5a-3 | Sampling date: August 12, 2015

Sampling location: PAG-B5a-3 | 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

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F-02-06
Version 3ième: 26/10/2005

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

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F-02-06
Version 3ième: 26/10/2005

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.

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Multilab Val-d'Or

Analytical Report

Lab number: V-46958

Sample name: PAG-B5a-2 | Sampling date: August 12, 2015

Sampling location: PAG-B5a-2 | 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.

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F-02-06
Version 3ième: 26/10/2005

Multilab Val-d'Or

Detection limit

Lab number: V-46958

Sample name: PAG-B5a-2 | Sampling date: August 12, 2015

Sampling location: PAG-B5a-2 | 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	---

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F-02-06
Version 3ième: 26/10/2005

Multilab Val-d'Or

Quality control Report

Lab number: V-46958

Sample name: PAG-B5a-2 | Sampling date: August 12, 2015

Sampling location: PAG-B5a-2 | 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

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F-02-06
Version 3ième: 26/10/2005

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

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F-02-06
Version 3ième: 26/10/2005

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.

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Multilab Val-d'Or

Analytical Report

Lab number: V-46957

Sample name: PAG-B5a-1 Sampling date: August 12, 2015

Sampling location: PAG-B5a-1 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 - MABA			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	

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Multilab Val-d'Or

Detection limit

Lab number: V-46957

Sample name: PAG-B5a-1 | Sampling date: August 12, 2015

Sampling location: PAG-B5a-1 | 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 - MABA			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	---

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F-02-06
Version 3ième: 26/10/2005

Multilab Val-d'Or

Quality control Report

Lab number: V-46957

Sample name: PAG-B5a-1 Sampling date: August 12, 2015

Sampling location: PAG-B5a-1 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

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F-02-06
Version 3ième: 26/10/2005

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

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F-02-06
Version 3ième: 26/10/2005

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.

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Multilab Val-d'Or

Analytical Report

Lab number: V-46956

Sample name: PAG-B5-3 | Sampling date: August 12, 2015

Sampling location: PAG-B5-3 | 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

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Multilab Val-d'Or

Detection limit

Lab number: V-46956

Sample name: PAG-B5-3 | Sampling date: August 12, 2015

Sampling location: PAG-B5-3 | 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	---

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F-02-06
Version 3ième: 26/10/2005

Multilab Val-d'Or

Quality control Report

Lab number: V-46956

Sample name: PAG-B5-3 | Sampling date: August 12, 2015

Sampling location: PAG-B5-3 | 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

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F-02-06
Version 3ième: 26/10/2005

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

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F-02-06
Version 3ième: 26/10/2005

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.

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Multilab Val-d'Or

Analytical Report

Lab number: V-46955

Sample name: PAG-B5-2 | Sampling date: August 12, 2015

Sampling location: PAG-B5-2 | 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.

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F-02-06
Version 3ième: 26/10/2005

Multilab Val-d'Or

Detection limit

Lab number: V-46955

Sample name: PAG-B5-2 | Sampling date: August 12, 2015

Sampling location: PAG-B5-2 | 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	---

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F-02-06
Version 3ième: 26/10/2005

Multilab Val-d'Or

Quality control Report

Lab number: V-46955

Sample name: PAG-B5-2 | Sampling date: August 12, 2015

Sampling location: PAG-B5-2 | 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

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F-02-06
Version 3ième: 26/10/2005

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

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F-02-06
Version 3ième: 26/10/2005

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.

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Multilab Val-d'Or

Analytical Report

Lab number: V-46954

Sample name: PAG-B5-1 | Sampling date: August 12, 2015

Sampling location: PAG-B5-1 | 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.

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F-02-06
Version 3ième: 26/10/2005

Multilab Val-d'Or

Detection limit

Lab number: V-46954

Sample name: PAG-B5-1 | Sampling date: August 12, 2015

Sampling location: PAG-B5-1 | 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	---

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F-02-06
Version 3ième: 26/10/2005

Multilab Val-d'Or

Quality control Report

Lab number: V-46954

Sample name: PAG-B5-1 Sampling date: August 12, 2015

Sampling location: PAG-B5-1 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

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