Your P.O. #: OL-891917
Site Location: MELIADINE
Your C.O.C. #: n/a

Attention: Reporting

Agnico-Eagle
Meliadine
Meliadine Mine
Rankin Inlet, NU
CANADA X0C 0G0

Report Date: 2020/10/05
Report #: R6358277
Version: 2 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

BV LABS JOB #: C0M9213
Received: 2020/09/03, 14:00

Sample Matrix: Surface Water
Samples Received: 1

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Alkalinity (1)	1	N/A	2020/09/08	CAM SOP-00448	SM 23 2320 B m
Carbonate, Bicarbonate and Hydroxide (1)	1	N/A	2020/09/09	CAM SOP-00102	APHA 4500-CO2 D
Chloride by Automated Colourimetry (1)	1	N/A	2020/09/08	CAM SOP-00463	SM 23 4500-Cl E m
Conductivity (1)	1	N/A	2020/09/08	CAM SOP-00414	SM 23 2510 m
Free (WAD) Cyanide (1)	1	N/A	2020/09/08	CAM SOP-00457	OMOE E3015 m
Total Cyanide (1)	1	2020/09/08	2020/09/08	CAM SOP-00457	OMOE E3015 5 m
Dissolved Organic Carbon (DOC) (1, 5)	1	N/A	2020/09/09	CAM SOP-00446	SM 23 5310 B m
Dissolved Oxygen (1)	1	2020/09/04	2020/09/04	CAM SOP-00427	SM 23 4500 O G m
Petroleum Hydro. CCME F1 & BTEX in Water (1)	1	N/A	2020/09/09	CAM SOP-00315	CCME PHC-CWS m
Petroleum Hydrocarbons F2-F4 in Water (1, 6)	1	2020/09/09	2020/09/10	CAM SOP-00316	CCME PHC-CWS m
Dissolved Mercury (low level) (1)	1	2020/09/10	2020/09/10	CAM SOP-00453	EPA 7470 m
Mercury (low level) (1)	1	2020/09/08	2020/09/08	CAM SOP-00453	EPA 7470 m
Cyanide (Free) (2)	1	2020/09/10	2020/09/10	CAL SOP-00266	EPA 9016d R0 m
Hardness Total (calculated as CaCO3) (3, 7)	1	N/A	2020/09/11	BBY WI-00033	Auto Calc
Hardness (calculated as CaCO3) (3)	1	N/A	2020/09/11	BBY WI-00033	Auto Calc
Na, K, Ca, Mg, S by CRC ICPMS (diss.) (3)	1	N/A	2020/09/11	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (dissolved) (3)	1	N/A	2020/09/10	BBY7SOP-00002	EPA 6020B R2 m
Na, K, Ca, Mg, S by CRC ICPMS (total) (3)	1	N/A	2020/09/11	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (total) (3)	1	N/A	2020/09/10	BBY7SOP-00002	EPA 6020B R2 m
Silica (Reactive) (2)	1	N/A	2020/09/14	AB SOP-00011	EPA370.1 R1978 m
Total Ammonia-N (1)	1	N/A	2020/09/09	CAM SOP-00441	USGS I-2522-90 m
Nitrate (NO3) and Nitrite (NO2) in Water (1, 8)	1	N/A	2020/09/08	CAM SOP-00440	SM 23 4500-NO3I/NO2B
pH (1)	1	2020/09/05	2020/09/08	CAM SOP-00413	SM 4500H+ B m
Orthophosphate (1)	1	N/A	2020/09/08	CAM SOP-00461	EPA 365.1 m
Radium-226 Low Level (4, 9)	1	N/A	2020/09/16	BQL SOP-00006 BQL SOP-00017 BQL SOP-00032	Alpha Spectrometry
Sulphate by Automated Colourimetry (1)	1	N/A	2020/09/08	CAM SOP-00464	EPA 375.4 m
Total Dissolved Solids (1)	1	2020/10/03	2020/10/05	CAM SOP-00428	SM 23 2540C m
Total Kjeldahl Nitrogen in Water (1)	1	2020/09/08	2020/09/08	CAM SOP-00938	OMOE E3516 m
Total Organic Carbon (TOC) (1, 10)	1	N/A	2020/09/09	CAM SOP-00446	SM 23 5310B m

Bureau Veritas Laboratories 100 – 36 Antares Dr. Nepean, ON, K2E 7W5 Phone: 613-274-0573 Website: www.bvlabs.com

Your P.O. #: OL-891917
Site Location: MELIADINE
Your C.O.C. #: n/a

Attention: Reporting

Agnico-Eagle
Meliadine
Meliadine Mine
Rankin Inlet, NU
CANADA X0C 0G0

Report Date: 2020/10/05
Report #: R6358277
Version: 2 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

BV LABS JOB #: C0M9213
Received: 2020/09/03, 14:00

Sample Matrix: Surface Water
Samples Received: 1

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Total Phosphorus (Colourimetric) (1)	1	2020/09/08	2020/09/09	CAM SOP-00407	SM 23 4500 P B H m
Low Level Total Suspended Solids (1)	1	2020/09/08	2020/09/10	CAM SOP-00428	SM 23 2540D m
Turbidity (1)	1	N/A	2020/09/08	CAM SOP-00417	SM 23 2130 B m

Remarks:

Bureau Veritas Laboratories are accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by BV Labs are based upon recognized Provincial, Federal or US method compendia such as CCME, MELCC, EPA, APHA.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in BV Labs profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and BV Labs in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

BV Labs liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. BV Labs has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by BV Labs, unless otherwise agreed in writing. BV Labs is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.
Results relate to samples tested. When sampling is not conducted by BV Labs, results relate to the supplied samples tested.

Reference Method suffix “m” indicates test methods incorporate validated modifications from specific reference methods to improve performance.
* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.
(1) This test was performed by Bureau Veritas Laboratories Mississauga
(2) This test was performed by BVLabs Calgary via Mississauga
(3) This test was performed by BVLabs Burnaby via Mississauga
(4) This test was performed by Bureau Veritas Laboratories Kitimat
(5) Dissolved Organic Carbon (DOC) present in the sample should be considered as non-purgeable DOC.
(6) All CCME PHC results met required criteria unless otherwise stated in the report. The CWS PHC methods employed by Bureau Veritas Laboratories conform to all prescribed elements of the reference method and performance based elements have been validated. All modifications have been validated and proven equivalent following “Alberta Environment’s Interpretation of the Reference Method for the Canada-Wide Standard for Petroleum Hydrocarbons in Soil Validation of Performance-Based Alternative Methods September 2003”. Documentation is available upon request. Modifications from Reference Method for the Canada-wide Standard for Petroleum Hydrocarbons in Soil-Tier 1 Method: F2/F3/F4 data reported using validated cold solvent extraction instead of Soxhlet extraction.
(7) "Total Hardness" was calculated from Total Ca and Mg concentrations and may be biased high (Hardness, or Dissolved Hardness, calculated from Dissolved Ca and Mg, should be

Your P.O. #: OL-891917
Site Location: MELIADINE
Your C.O.C. #: n/a

Attention: Reporting

Agnico-Eagle
Meliadine
Meliadine Mine
Rankin Inlet, NU
CANADA X0C 0G0

Report Date: 2020/10/05
Report #: R6358277
Version: 2 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

BV LABS JOB #: C0M9213
Received: 2020/09/03, 14:00

used for compliance if available).
(8) Values for calculated parameters may not appear to add up due to rounding of raw data and significant figures.
(9) Radium-226 results have not been corrected for blanks.
(10) Total Organic Carbon (TOC) present in the sample should be considered as non-purgeable TOC.

Encryption Key

Julie Clement
Technical Account Manager
05 Oct 2020 15:02:28

Please direct all questions regarding this Certificate of Analysis to your Project Manager.
Katherine Szozda, Project Manager
Email: Katherine.Szozda@bvlabs.com
Phone# (613)274-0573 Ext:7063633
==========
BV Labs has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

BV Labs Job #: C0M9213
Report Date: 2020/10/05

Agnico-Eagle
Site Location: MELIADINE
Your P.O. #: OL-891917
Sampler Initials: BH

CCME PHCS, BTEX/F1-F4 (SURFACE WATER)

BV Labs ID		NNZ960			NNZ960		
Sampling Date		2020/08/29 13:46			2020/08/29 13:46		
COC Number		n/a			n/a		
	UNITS	MEL-13	RDL	QC Batch	MEL-13 Lab-Dup	RDL	QC Batch
BTEX & F1 Hydrocarbons							
Benzene	ug/L	<0.20	0.20	6935292	<0.20	0.20	6935292
Toluene	ug/L	<0.20	0.20	6935292	<0.20	0.20	6935292
Ethylbenzene	ug/L	<0.20	0.20	6935292	<0.20	0.20	6935292
o-Xylene	ug/L	<0.20	0.20	6935292	<0.20	0.20	6935292
p+m-Xylene	ug/L	<0.40	0.40	6935292	<0.40	0.40	6935292
Total Xylenes	ug/L	<0.40	0.40	6935292	<0.40	0.40	6935292
F1 (C6-C10)	ug/L	<25	25	6935292	<25	25	6935292
F1 (C6-C10) - BTEX	ug/L	<25	25	6935292	<25	25	6935292
F2-F4 Hydrocarbons							
F2 (C10-C16 Hydrocarbons)	ug/L	<100	100	6935153			
F3 (C16-C34 Hydrocarbons)	ug/L	<200	200	6935153			
F4 (C34-C50 Hydrocarbons)	ug/L	<200	200	6935153			
Reached Baseline at C50	ug/L	Yes		6935153			
Surrogate Recovery (%)							
1,4-Difluorobenzene	%	98		6935292	100		6935292
4-Bromofluorobenzene	%	97		6935292	96		6935292
D10-o-Xylene	%	97		6935292	81		6935292
D4-1,2-Dichloroethane	%	85		6935292	86		6935292
o-Terphenyl	%	99		6935153			

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate

BV Labs Job #: C0M9213
Report Date: 2020/10/05

Agnico-Eagle
Site Location: MELIADINE
Your P.O. #: OL-891917
Sampler Initials: BH

RESULTS OF ANALYSES OF SURFACE WATER

BV Labs ID		NNZ960			NNZ960		
Sampling Date		2020/08/29 13:46			2020/08/29 13:46		
COC Number		n/a			n/a		
	UNITS	MEL-13	RDL	QC Batch	MEL-13 Lab-Dup	RDL	QC Batch
Calculated Parameters							
Bicarb. Alkalinity (calc. as CaCO3)	mg/L	17	1.0	6928500			
Carb. Alkalinity (calc. as CaCO3)	mg/L	<1.0	1.0	6928500			
Dissolved Hardness (CaCO3)	mg/L	29.5	0.50	6939748			
Inorganics							
Total Ammonia-N	mg/L	0.18	0.050	6931815			
Conductivity	umho/cm	110	1.0	6928607			
Free Cyanide (CN)	ug/L	<1.0 (1)	1.0	6937300			
Total Dissolved Solids	mg/L	70	10	6981504			
Total Kjeldahl Nitrogen (TKN)	mg/L	0.15	0.10	6931431			
Dissolved Organic Carbon	mg/L	3.7	0.40	6929955			
Total Organic Carbon (TOC)	mg/L	3.3	0.40	6931807			
Orthophosphate (P)	mg/L	<0.010	0.010	6930042			
Dissolved Oxygen	mg/L	10.2		6928454			
pH	pH	7.17		6928610			
Total Phosphorus	mg/L	0.021	0.020	6932563			
Reactive Silica (SiO2)	mg/L	0.37	0.050	6943017			
Total Suspended Solids	mg/L	2	1	6930251			
Dissolved Sulphate (SO4)	mg/L	5.6	1.0	6930041			
Total Cyanide (CN)	mg/L	<0.0050	0.0050	6931144			
Turbidity	NTU	0.3	0.1	6930109			
WAD Cyanide (Free)	mg/L	<0.0010	0.0010	6931157			
Alkalinity (Total as CaCO3)	mg/L	17	1.0	6929988			
Dissolved Chloride (Cl-)	mg/L	18	1.0	6930033			
Nitrite (N)	mg/L	<0.010	0.010	6930206			
Nitrate (N)	mg/L	<0.10	0.10	6930206			
Nitrate + Nitrite (N)	mg/L	<0.10	0.10	6930206			
Metals							
Dissolved Aluminum (Al)	ug/L	2.33	0.50	6939750	2.31	0.50	6939750
Total Aluminum (Al)	ug/L	3.95	0.50	6939747	4.12	0.50	6939747

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
(1) See general comments for notes regarding CNFREE-W

BV Labs Job #: C0M9213
Report Date: 2020/10/05

Agnico-Eagle
Site Location: MELIADINE
Your P.O. #: OL-891917
Sampler Initials: BH

RESULTS OF ANALYSES OF SURFACE WATER

BV Labs ID		NNZ960			NNZ960		
Sampling Date		2020/08/29 13:46			2020/08/29 13:46		
COC Number		n/a			n/a		
	UNITS	MEL-13	RDL	QC Batch	MEL-13 Lab-Dup	RDL	QC Batch
Dissolved Antimony (Sb)	ug/L	<0.020	0.020	6939750	<0.020	0.020	6939750
Total Antimony (Sb)	ug/L	<0.020	0.020	6939747	<0.020	0.020	6939747
Dissolved Arsenic (As)	ug/L	0.500	0.020	6939750	0.483	0.020	6939750
Total Arsenic (As)	ug/L	0.518	0.020	6939747	0.508	0.020	6939747
Dissolved Barium (Ba)	ug/L	8.54	0.020	6939750	8.41	0.020	6939750
Total Barium (Ba)	ug/L	8.18	0.020	6939747	8.53	0.020	6939747
Dissolved Beryllium (Be)	ug/L	<0.010	0.010	6939750	<0.010	0.010	6939750
Total Beryllium (Be)	ug/L	<0.010	0.010	6939747	<0.010	0.010	6939747
Dissolved Bismuth (Bi)	ug/L	<0.0050	0.0050	6939750	<0.0050	0.0050	6939750
Total Bismuth (Bi)	ug/L	<0.0050	0.0050	6939747	<0.0050	0.0050	6939747
Dissolved Boron (B)	ug/L	<10	10	6939750	<10	10	6939750
Total Boron (B)	ug/L	<10	10	6939747	<10	10	6939747
Dissolved Cadmium (Cd)	ug/L	<0.0050	0.0050	6939750	<0.0050	0.0050	6939750
Total Cadmium (Cd)	ug/L	<0.0050	0.0050	6939747	<0.0050	0.0050	6939747
Dissolved Chromium (Cr)	ug/L	<0.10	0.10	6939750	<0.10	0.10	6939750
Total Chromium (Cr)	ug/L	<0.10	0.10	6939747	<0.10	0.10	6939747
Dissolved Cobalt (Co)	ug/L	0.0138	0.0050	6939750	0.0140	0.0050	6939750
Total Cobalt (Co)	ug/L	0.0231	0.0050	6939747	0.0264	0.0050	6939747
Dissolved Copper (Cu)	ug/L	0.801	0.050	6939750	0.792	0.050	6939750
Total Copper (Cu)	ug/L	0.869	0.050	6939747	0.893	0.050	6939747
Dissolved Iron (Fe)	ug/L	7.7	1.0	6939750	7.6	1.0	6939750
Total Iron (Fe)	ug/L	24.1	1.0	6939747	23.9	1.0	6939747
Dissolved Lead (Pb)	ug/L	<0.0050	0.0050	6939750	<0.0050	0.0050	6939750
Total Lead (Pb)	ug/L	0.0077	0.0050	6939747	0.0068	0.0050	6939747
Dissolved Lithium (Li)	ug/L	1.45	0.50	6939750	1.45	0.50	6939750
Total Lithium (Li)	ug/L	1.46	0.50	6939747	1.55	0.50	6939747
Dissolved Manganese (Mn)	ug/L	0.563	0.050	6939750	0.566	0.050	6939750
Total Manganese (Mn)	ug/L	7.27	0.050	6939747	7.36	0.050	6939747
Dissolved Molybdenum (Mo)	ug/L	0.117	0.050	6939750	0.124	0.050	6939750
Total Molybdenum (Mo)	ug/L	0.114	0.050	6939747	0.122	0.050	6939747
Dissolved Nickel (Ni)	ug/L	0.663	0.020	6939750	0.695	0.020	6939750

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate

BV Labs Job #: C0M9213
Report Date: 2020/10/05

Agnico-Eagle
Site Location: MELIADINE
Your P.O. #: OL-891917
Sampler Initials: BH

RESULTS OF ANALYSES OF SURFACE WATER

BV Labs ID		NNZ960			NNZ960		
Sampling Date		2020/08/29 13:46			2020/08/29 13:46		
COC Number		n/a			n/a		
	UNITS	MEL-13	RDL	QC Batch	MEL-13 Lab-Dup	RDL	QC Batch
Total Nickel (Ni)	ug/L	0.758	0.020	6939747	0.757	0.020	6939747
Dissolved Phosphorus (P)	ug/L	7.5	2.0	6939750	8.0	2.0	6939750
Total Phosphorus (P)	ug/L	11.4	2.0	6939747	12.1	2.0	6939747
Dissolved Selenium (Se)	ug/L	<0.040	0.040	6939750	<0.040	0.040	6939750
Total Silicon (Si)	ug/L	145	50	6939747	145	50	6939747
Total Selenium (Se)	ug/L	<0.040	0.040	6939747	<0.040	0.040	6939747
Dissolved Silicon (Si)	ug/L	144	50	6939750	144	50	6939750
Dissolved Silver (Ag)	ug/L	<0.0050	0.0050	6939750	<0.0050	0.0050	6939750
Total Silver (Ag)	ug/L	<0.0050	0.0050	6939747	<0.0050	0.0050	6939747
Dissolved Strontium (Sr)	ug/L	62.1	0.050	6939750	62.2	0.050	6939750
Total Strontium (Sr)	ug/L	59.6	0.050	6939747	60.4	0.050	6939747
Dissolved Thallium (Tl)	ug/L	0.0021	0.0020	6939750	0.0021	0.0020	6939750
Total Thallium (Tl)	ug/L	<0.0020	0.0020	6939747	0.0023	0.0020	6939747
Dissolved Tin (Sn)	ug/L	<0.20	0.20	6939750	<0.20	0.20	6939750
Total Tin (Sn)	ug/L	<0.20	0.20	6939747	<0.20	0.20	6939747
Dissolved Titanium (Ti)	ug/L	<0.50	0.50	6939750	<0.50	0.50	6939750
Total Titanium (Ti)	ug/L	<0.50	0.50	6939747	<0.50	0.50	6939747
Dissolved Uranium (U)	ug/L	0.0233	0.0020	6939750	0.0207	0.0020	6939750
Total Uranium (U)	ug/L	0.0240	0.0020	6939747	0.0239	0.0020	6939747
Dissolved Vanadium (V)	ug/L	<0.20	0.20	6939750	<0.20	0.20	6939750
Total Vanadium (V)	ug/L	<0.20	0.20	6939747	<0.20	0.20	6939747
Dissolved Zinc (Zn)	ug/L	0.52	0.10	6939750	0.54	0.10	6939750
Total Zinc (Zn)	ug/L	0.37	0.10	6939747	0.41	0.10	6939747
Dissolved Zirconium (Zr)	ug/L	<0.10	0.10	6939750	<0.10	0.10	6939750
Total Zirconium (Zr)	ug/L	<0.10	0.10	6939747	<0.10	0.10	6939747
Dissolved Calcium (Ca)	mg/L	8.92	0.050	6939749			
Total Calcium (Ca)	mg/L	8.94	0.050	6939746			
Dissolved Magnesium (Mg)	mg/L	1.76	0.050	6939749			
Total Magnesium (Mg)	mg/L	1.73	0.050	6939746			
Dissolved Potassium (K)	mg/L	1.11	0.050	6939749			
Total Potassium (K)	mg/L	1.08	0.050	6939746			

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate

BV Labs Job #: C0M9213
Report Date: 2020/10/05

Agnico-Eagle
Site Location: MELIADINE
Your P.O. #: OL-891917
Sampler Initials: BH

RESULTS OF ANALYSES OF SURFACE WATER

BV Labs ID		NNZ960			NNZ960		
Sampling Date		2020/08/29 13:46			2020/08/29 13:46		
COC Number		n/a			n/a		
	UNITS	MEL-13	RDL	QC Batch	MEL-13 Lab-Dup	RDL	QC Batch
Dissolved Sodium (Na)	mg/L	7.66	0.050	6939749			
Total Sodium (Na)	mg/L	7.52	0.050	6939746			
Dissolved Sulphur (S)	mg/L	<3.0	3.0	6939749			
Total Sulphur (S)	mg/L	<3.0	3.0	6939746			
RADIONUCLIDE							
Radium-226	Bq/L	0.012	0.0050	6931764			

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate

BV Labs Job #: C0M9213
Report Date: 2020/10/05

Agnico-Eagle
Site Location: MELIADINE
Your P.O. #: OL-891917
Sampler Initials: BH

ELEMENTS BY ATOMIC SPECTROSCOPY (SURFACE WATER)

BV Labs ID		NNZ960		
Sampling Date		2020/08/29 13:46		
COC Number		n/a		
	UNITS	MEL-13	RDL	QC Batch
Calculated Parameters				
Total Hardness (CaCO3)	ug/L	29400	500	6939745
Metals				
Mercury (Hg)	mg/L	<0.00001	0.00001	6931491
Dissolved Mercury (Hg)	mg/L	<0.00001	0.00001	6936252

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

BV Labs Job #: C0M9213
Report Date: 2020/10/05

Agnico-Eagle
Site Location: MELIADINE
Your P.O. #: OL-891917
Sampler Initials: BH

TEST SUMMARY

BV Labs ID: NNZ960
Sample ID: MEL-13
Matrix: Surface Water

Collected: 2020/08/29
Shipped:
Received: 2020/09/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	6929988	N/A	2020/09/08	Surinder Rai
Carbonate, Bicarbonate and Hydroxide	CALC	6928500	N/A	2020/09/09	Automated Statchk
Chloride by Automated Colourimetry	KONE	6930033	N/A	2020/09/08	Deonarine Ramnarine
Conductivity	AT	6928607	N/A	2020/09/08	Surinder Rai
Free (WAD) Cyanide	SKAL/CN	6931157	N/A	2020/09/08	Louise Harding
Total Cyanide	SKAL/CN	6931144	2020/09/08	2020/09/08	Louise Harding
Dissolved Organic Carbon (DOC)	TOCV/NDIR	6929955	N/A	2020/09/09	Nimarta Singh
Dissolved Oxygen	DO	6928454	2020/09/04	2020/09/04	Navjot Kaur Gill
Petroleum Hydro. CCME F1 & BTEX in Water	HSGC/MSFD	6935292	N/A	2020/09/09	Abdikarim Ali
Petroleum Hydrocarbons F2-F4 in Water	GC/FID	6935153	2020/09/09	2020/09/10	Prabhjot Gulati
Dissolved Mercury (low level)	CV/AA	6936252	2020/09/10	2020/09/10	Medhat Nasr
Mercury (low level)	CV/AA	6931491	2020/09/08	2020/09/08	Medhat Nasr
Cyanide (Free)	SPEC	6937300	2020/09/10	2020/09/10	Taylor Mullings
Hardness Total (calculated as CaCO3)	CALC	6939745	N/A	2020/09/11	Automated Statchk
Hardness (calculated as CaCO3)	CALC	6939748	N/A	2020/09/11	Automated Statchk
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	6939749	N/A	2020/09/11	Automated Statchk
Elements by ICPMS Low Level (dissolved)	ICP/MS	6939750	N/A	2020/09/10	Adnan Dzebic
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	6939746	N/A	2020/09/11	Automated Statchk
Elements by ICPMS Low Level (total)	ICP/MS	6939747	N/A	2020/09/10	Adnan Dzebic
Silica (Reactive)	KONE	6943017	N/A	2020/09/14	Marjolen Busslinger
Total Ammonia-N	LACH/NH4	6931815	N/A	2020/09/09	Amanpreet Sappal
Nitrate (NO3) and Nitrite (NO2) in Water	LACH	6930206	N/A	2020/09/08	Alina Dobreanu
pH	AT	6928610	2020/09/05	2020/09/08	Surinder Rai
Orthophosphate	KONE	6930042	N/A	2020/09/08	Kazzandra Adeva
Radium-226 Low Level	AS	6931764	N/A	2020/09/16	Blake Barber
Sulphate by Automated Colourimetry	KONE	6930041	N/A	2020/09/08	Deonarine Ramnarine
Total Dissolved Solids	BAL	6981504	2020/10/03	2020/10/05	Shivani Desai
Total Kjeldahl Nitrogen in Water	SKAL	6931431	2020/09/08	2020/09/08	Rajni Tyagi
Total Organic Carbon (TOC)	TOCV/NDIR	6931807	N/A	2020/09/09	Nimarta Singh
Total Phosphorus (Colourimetric)	LACH/P	6932563	2020/09/08	2020/09/09	Shivani Shivani
Low Level Total Suspended Solids	BAL	6930251	2020/09/08	2020/09/10	Shivani Desai
Turbidity	AT	6930109	N/A	2020/09/08	Viorica Rotaru

BV Labs ID: NNZ960 Dup
Sample ID: MEL-13
Matrix: Surface Water

Collected: 2020/08/29
Shipped:
Received: 2020/09/03

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Petroleum Hydro. CCME F1 & BTEX in Water	HSGC/MSFD	6935292	N/A	2020/09/09	Abdikarim Ali
Elements by ICPMS Low Level (dissolved)	ICP/MS	6939750	N/A	2020/09/10	Adnan Dzebic
Elements by ICPMS Low Level (total)	ICP/MS	6939747	N/A	2020/09/10	Adnan Dzebic

GENERAL COMMENTS

Each temperature is the average of up to three cooler temperatures taken at receipt

Package 1	14.0°C

Revised report [2020/10/05]: Revised results for TDS, sample reanalyzed from bottle.

Sample NNZ960 [MEL-13] : TOC< DOC: Both values fall within the method uncertainty for duplicates and are likely equivalent. TKN < Ammonia: Both values fall within the method uncertainty for duplicates and are likely equivalent. Interference checks not performed at the time of sampling. The lab cannot guarantee that interferences were not present at the time of sampling and that there is no low bias in results
Sample was not submitted in an appropriate container for CNFREE-W analysis. Results may have a high bias due to decomposition of hexacyanoferrate and some other metal-cyanide complexes to free cyanide

Results relate only to the items tested.

Bureau Veritas Laboratories 100 – 36 Antares Dr. Nepean, ON, K2E 7W5 Phone: 613-274-0573 Website: www.bvlabs.com

BV Labs Job #: C0M9213
Report Date: 2020/10/05

QUALITY ASSURANCE REPORT

Agnico-Eagle
Site Location: MELIADINE
Your P.O. #: OL-891917
Sampler Initials: BH

			Matrix Spike		SPIKED BLANK		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
6935153	o-Terphenyl	2020/09/10	104	60 - 130	105	60 - 130	99	%				
6935292	1,4-Difluorobenzene	2020/09/09	97	70 - 130	98	70 - 130	99	%				
6935292	4-Bromofluorobenzene	2020/09/09	99	70 - 130	99	70 - 130	97	%				
6935292	D10-o-Xylene	2020/09/09	98	70 - 130	98	70 - 130	96	%				
6935292	D4-1,2-Dichloroethane	2020/09/09	81	70 - 130	81	70 - 130	84	%				
6928607	Conductivity	2020/09/08			101	85 - 115	<1.0	umho/cm	0.21	25		
6928610	pH	2020/09/08			102	98 - 103			0.73	N/A		
6929955	Dissolved Organic Carbon	2020/09/09	94	80 - 120	99	80 - 120	<0.40	mg/L	NC	20		
6929988	Alkalinity (Total as CaCO3)	2020/09/08			95	85 - 115	<1.0	mg/L	0.27	20		
6930033	Dissolved Chloride (Cl-)	2020/09/08	NC	80 - 120	103	80 - 120	<1.0	mg/L	8.3	20		
6930041	Dissolved Sulphate (SO4)	2020/09/08	NC	75 - 125	104	80 - 120	<1.0	mg/L	3.7	20		
6930042	Orthophosphate (P)	2020/09/08	101	75 - 125	99	80 - 120	<0.010	mg/L	NC	25		
6930109	Turbidity	2020/09/08			109	85 - 115	<0.1	NTU	0.75	20		
6930206	Nitrate (N)	2020/09/08	95	80 - 120	101	80 - 120	<0.10	mg/L	NC	20		
6930206	Nitrite (N)	2020/09/08	100	80 - 120	107	80 - 120	<0.010	mg/L	NC	20		
6930251	Total Suspended Solids	2020/09/10					<1	mg/L	0	25	100	85 - 115
6931144	Total Cyanide (CN)	2020/09/08	NC	80 - 120	100	80 - 120	<0.0050	mg/L	0.85	20		
6931157	WAD Cyanide (Free)	2020/09/08	104	80 - 120	99	80 - 120	<0.0010	mg/L	NC (1)	20		
6931431	Total Kjeldahl Nitrogen (TKN)	2020/09/08	NC	80 - 120	92	80 - 120	<0.10	mg/L	NC	20	97	80 - 120
6931491	Mercury (Hg)	2020/09/08	89	75 - 125	103	80 - 120	<0.00001	mg/L	NC	20		
6931764	Radium-226	2020/09/16			88	85 - 115	<0.0050	Bq/L	NC	N/A		
6931807	Total Organic Carbon (TOC)	2020/09/09	93	80 - 120	97	80 - 120	<0.40	mg/L	0.70	20		
6931815	Total Ammonia-N	2020/09/09	96	75 - 125	103	80 - 120	<0.050	mg/L	0.62	20		
6932563	Total Phosphorus	2020/09/09	96	80 - 120	95	80 - 120	<0.020	mg/L	8.3	20	95	80 - 120
6935153	F2 (C10-C16 Hydrocarbons)	2020/09/10	108	50 - 130	116	60 - 130	<100	ug/L	NC	30		
6935153	F3 (C16-C34 Hydrocarbons)	2020/09/10	122	50 - 130	125	60 - 130	<200	ug/L	NC	30		
6935153	F4 (C34-C50 Hydrocarbons)	2020/09/10	122	50 - 130	127	60 - 130	<200	ug/L	NC	30		
6935292	Benzene	2020/09/09	91	70 - 130	91	70 - 130	<0.20	ug/L	NC	30		
6935292	Ethylbenzene	2020/09/09	104	70 - 130	103	70 - 130	<0.20	ug/L	NC	30		
6935292	F1 (C6-C10) - BTEX	2020/09/09					<25	ug/L	NC	30		
6935292	F1 (C6-C10)	2020/09/09	92	70 - 130	91	70 - 130	<25	ug/L	NC	30		

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
6935292	o-Xylene	2020/09/09	100	70 - 130	100	70 - 130	<0.20	ug/L	NC	30		
6935292	p+m-Xylene	2020/09/09	101	70 - 130	101	70 - 130	<0.40	ug/L	NC	30		
6935292	Toluene	2020/09/09	91	70 - 130	91	70 - 130	<0.20	ug/L	NC	30		
6935292	Total Xylenes	2020/09/09					<0.40	ug/L	NC	30		
6936252	Dissolved Mercury (Hg)	2020/09/10	81	75 - 125	104	80 - 120	<0.00001	mg/L	NC	20		
6937300	Free Cyanide (CN)	2020/09/10	103	80 - 120	100	80 - 120	<1.0	ug/L				
6939747	Total Aluminum (Al)	2020/09/10	106	80 - 120	107	80 - 120	<0.50	ug/L	4.3	20		
6939747	Total Antimony (Sb)	2020/09/10	104	80 - 120	105	80 - 120	<0.020	ug/L	NC	20		
6939747	Total Arsenic (As)	2020/09/10	102	80 - 120	103	80 - 120	<0.020	ug/L	2.0	20		
6939747	Total Barium (Ba)	2020/09/10	104	80 - 120	106	80 - 120	<0.020	ug/L	4.1	20		
6939747	Total Beryllium (Be)	2020/09/10	105	80 - 120	107	80 - 120	<0.010	ug/L	NC	20		
6939747	Total Bismuth (Bi)	2020/09/10	102	80 - 120	103	80 - 120	<0.0050	ug/L	NC	20		
6939747	Total Boron (B)	2020/09/10	109	80 - 120	111	80 - 120	<10	ug/L	NC	20		
6939747	Total Cadmium (Cd)	2020/09/10	102	80 - 120	103	80 - 120	<0.0050	ug/L	NC	20		
6939747	Total Chromium (Cr)	2020/09/10	103	80 - 120	105	80 - 120	<0.10	ug/L	NC	20		
6939747	Total Cobalt (Co)	2020/09/10	103	80 - 120	104	80 - 120	<0.0050	ug/L	13	20		
6939747	Total Copper (Cu)	2020/09/10	100	80 - 120	103	80 - 120	<0.050	ug/L	2.7	20		
6939747	Total Iron (Fe)	2020/09/10	108	80 - 120	110	80 - 120	<1.0	ug/L	0.91	20		
6939747	Total Lead (Pb)	2020/09/10	105	80 - 120	106	80 - 120	<0.0050	ug/L	12	20		
6939747	Total Lithium (Li)	2020/09/10	104	80 - 120	105	80 - 120	<0.50	ug/L	6.3	20		
6939747	Total Manganese (Mn)	2020/09/10	103	80 - 120	105	80 - 120	<0.050	ug/L	1.2	20		
6939747	Total Molybdenum (Mo)	2020/09/10	107	80 - 120	107	80 - 120	<0.050	ug/L	6.1	20		
6939747	Total Nickel (Ni)	2020/09/10	101	80 - 120	103	80 - 120	<0.020	ug/L	0.13	20		
6939747	Total Phosphorus (P)	2020/09/10	104	80 - 120	104	80 - 120	<2.0	ug/L	6.1	20		
6939747	Total Selenium (Se)	2020/09/10	106	80 - 120	106	80 - 120	<0.040	ug/L	NC	20		
6939747	Total Silicon (Si)	2020/09/10	108	80 - 120	111	80 - 120	<50	ug/L	0.39	20		
6939747	Total Silver (Ag)	2020/09/10	102	80 - 120	101	80 - 120	<0.0050	ug/L	NC	20		
6939747	Total Strontium (Sr)	2020/09/10	NC	80 - 120	103	80 - 120	<0.050	ug/L	1.2	20		
6939747	Total Thallium (Tl)	2020/09/10	103	80 - 120	103	80 - 120	<0.0020	ug/L	14	20		
6939747	Total Tin (Sn)	2020/09/10	101	80 - 120	103	80 - 120	<0.20	ug/L	NC	20		
6939747	Total Titanium (Ti)	2020/09/10	105	80 - 120	105	80 - 120	<0.50	ug/L	NC	20		
6939747	Total Uranium (U)	2020/09/10	108	80 - 120	108	80 - 120	<0.0020	ug/L	0.42	20		

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
6939747	Total Vanadium (V)	2020/09/10	105	80 - 120	105	80 - 120	<0.20	ug/L	NC	20		
6939747	Total Zinc (Zn)	2020/09/10	103	80 - 120	106	80 - 120	<0.10	ug/L	10	20		
6939747	Total Zirconium (Zr)	2020/09/10	101	80 - 120	103	80 - 120	<0.10	ug/L	NC	20		
6939750	Dissolved Aluminum (Al)	2020/09/10	105	80 - 120	107	80 - 120	<0.50	ug/L	1.3	20		
6939750	Dissolved Antimony (Sb)	2020/09/10	104	80 - 120	105	80 - 120	<0.020	ug/L	NC	20		
6939750	Dissolved Arsenic (As)	2020/09/10	101	80 - 120	102	80 - 120	<0.020	ug/L	3.3	20		
6939750	Dissolved Barium (Ba)	2020/09/10	102	80 - 120	108	80 - 120	<0.020	ug/L	1.5	20		
6939750	Dissolved Beryllium (Be)	2020/09/10	104	80 - 120	105	80 - 120	<0.010	ug/L	NC	20		
6939750	Dissolved Bismuth (Bi)	2020/09/10	100	80 - 120	103	80 - 120	<0.0050	ug/L	NC	20		
6939750	Dissolved Boron (B)	2020/09/10	105	80 - 120	106	80 - 120	<10	ug/L	NC	20		
6939750	Dissolved Cadmium (Cd)	2020/09/10	102	80 - 120	103	80 - 120	<0.0050	ug/L	NC	20		
6939750	Dissolved Chromium (Cr)	2020/09/10	102	80 - 120	105	80 - 120	<0.10	ug/L	NC	20		
6939750	Dissolved Cobalt (Co)	2020/09/10	101	80 - 120	105	80 - 120	<0.0050	ug/L	1.4	20		
6939750	Dissolved Copper (Cu)	2020/09/10	99	80 - 120	103	80 - 120	<0.050	ug/L	1.1	20		
6939750	Dissolved Iron (Fe)	2020/09/10	105	80 - 120	107	80 - 120	<1.0	ug/L	0.57	20		
6939750	Dissolved Lead (Pb)	2020/09/10	102	80 - 120	105	80 - 120	<0.0050	ug/L	NC	20		
6939750	Dissolved Lithium (Li)	2020/09/10	104	80 - 120	105	80 - 120	<0.50	ug/L	0.097	20		
6939750	Dissolved Manganese (Mn)	2020/09/10	102	80 - 120	106	80 - 120	<0.050	ug/L	0.60	20		
6939750	Dissolved Molybdenum (Mo)	2020/09/10	105	80 - 120	107	80 - 120	<0.050	ug/L	6.1	20		
6939750	Dissolved Nickel (Ni)	2020/09/10	101	80 - 120	104	80 - 120	<0.020	ug/L	4.7	20		
6939750	Dissolved Phosphorus (P)	2020/09/10	104	80 - 120	104	80 - 120	<2.0	ug/L	5.3	20		
6939750	Dissolved Selenium (Se)	2020/09/10	103	80 - 120	104	80 - 120	<0.040	ug/L	NC	20		
6939750	Dissolved Silicon (Si)	2020/09/10	108	80 - 120	110	80 - 120	<50	ug/L	0.37	20		
6939750	Dissolved Silver (Ag)	2020/09/10	100	80 - 120	101	80 - 120	<0.0050	ug/L	NC	20		
6939750	Dissolved Strontium (Sr)	2020/09/10	NC	80 - 120	101	80 - 120	<0.050	ug/L	0.14	20		
6939750	Dissolved Thallium (Tl)	2020/09/10	102	80 - 120	103	80 - 120	<0.0020	ug/L	0	20		
6939750	Dissolved Tin (Sn)	2020/09/10	102	80 - 120	102	80 - 120	<0.20	ug/L	NC	20		
6939750	Dissolved Titanium (Ti)	2020/09/10	104	80 - 120	108	80 - 120	<0.50	ug/L	NC	20		
6939750	Dissolved Uranium (U)	2020/09/10	107	80 - 120	109	80 - 120	<0.0020	ug/L	12	20		
6939750	Dissolved Vanadium (V)	2020/09/10	105	80 - 120	106	80 - 120	<0.20	ug/L	NC	20		
6939750	Dissolved Zinc (Zn)	2020/09/10	103	80 - 120	107	80 - 120	<0.10	ug/L	3.9	20		
6939750	Dissolved Zirconium (Zr)	2020/09/10	102	80 - 120	103	80 - 120	<0.10	ug/L	NC	20		

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
6943017	Reactive Silica (SiO2)	2020/09/14	NC	80 - 120	112	80 - 120	<0.050	mg/L				
6981504	Total Dissolved Solids	2020/10/05					<10	mg/L	3.5	25	100	90 - 110

N/A = Not Applicable

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

QC Standard: A sample of known concentration prepared by an external agency under stringent conditions. Used as an independent check of method accuracy.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.

NC (Matrix Spike): The recovery in the matrix spike was not calculated. The relative difference between the concentration in the parent sample and the spike amount was too small to permit a reliable recovery calculation (matrix spike concentration was less than the native sample concentration)

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (absolute difference <= 2x RDL).

(1) Due to the sample matrix, sample required dilution. Detection limit was adjusted accordingly.

BV Labs Job #: C0M9213
Report Date: 2020/10/05

Agnico-Eagle
Site Location: MELIADINE
Your P.O. #: OL-891917
Sampler Initials: BH

VALIDATION SIGNATURE PAGE

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

Anastassia Hamanov, Scientific Specialist

Brad Newman, B.Sc., C.Chem., Scientific Service Specialist

David Huang, BBY Scientific Specialist

Harry (Peng) Liang, Senior Analyst

Ghayasuddin Khan, M.Sc., P.Chem., QP, Scientific Specialist, Inorganics

Kurt Headrick, Ph.D., C. Chem., Laboratory Manager

BV Labs has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

Bureau Veritas Laboratories 100 – 36 Antares Dr. Nepean, ON, K2E 7W5 Phone: 613-274-0573 Website: www.bvlabs.com

BV Labs Job #: C0M9213
Report Date: 2020/10/05

Agnico-Eagle
Site Location: MELIADINE
Your P.O. #: OL-891917
Sampler Initials: BH

Exceedance Summary Table – Metal Mining Effluent Reg

Result Exceedances

Sample ID	BV Labs ID	Parameter	Criteria	Result	DL	UNITS
No Exceedances						

The exceedance summary table is for information purposes only and should not be considered a comprehensive listing or statement of conformance to applicable regulatory guidelines.

Bureau Veritas Laboratories 100 – 36 Antares Dr. Nepean, ON, K2E 7W5 Phone: 613-274-0573 Website: www.bvlabs.com