



Your P.O. #: 997577
Your C.O.C. #: 407149

Attention: Reporting

Agnico Eagle
Meadowbank
Meadowbank
Keewatin, NU
CANADA POX 0A1

Report Date: 2021/09/28
Report #: R6830909
Version: 4 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

BV LABS JOB #: C1Q6705

Received: 2021/09/15, 12:08

Sample Matrix: Soil
Samples Received: 9

Analyses	Date		Date Analyzed	Laboratory Method	Analytical Method
	Quantity	Extracted			
Petroleum Hydro. CCME F1 & BTEX in Soil (1)	3	N/A	2021/09/16	CAM SOP-00315	CCME PHC-CWS m
Petroleum Hydro. CCME F1 & BTEX in Soil (1)	6	N/A	2021/09/17	CAM SOP-00315	CCME PHC-CWS m
Petroleum Hydrocarbons F2-F4 in Soil (2)	9	2021/09/21	2021/09/22	CAM SOP-00316	CCME CWS m
F4G (CCME Hydrocarbons Gravimetric)	9	2021/09/17	2021/09/17	CAM SOP-00316	CCME PHC-CWS m
Glycols in Soil by GC-FID	9	N/A	2021/09/17	CAM SOP-00322	EPA 8015 m
Acid Extractable Metals by ICPMS	9	2021/09/17	2021/09/17	CAM SOP-00447	EPA 6020B m
Moisture	9	N/A	2021/09/16	CAM SOP-00445	Carter 2nd ed 51.2 m
Ammonia-N	9	2021/09/17	2021/09/17	CAM SOP-00441	Carter, SS&A

Remarks:

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas 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 Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas 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.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas 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 Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas 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 Bureau Veritas, results relate to the supplied samples tested.

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

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) No lab extraction date is given for F1BTEX & VOC samples that are field preserved with methanol. Extraction date is the date sampled unless otherwise stated.

(2) 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



Your P.O. #: 997577
Your C.O.C. #: 407149

Attention: Reporting

Agnico Eagle
Meadowbank
Meadowbank
Keewatin, NU
CANADA P0X 0A1

Report Date: 2021/09/28
Report #: R6830909
Version: 4 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

BV LABS JOB #: C1Q6705

Received: 2021/09/15, 12:08

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.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Katherine Szozda, Project Manager

Email: Katherine.Szozda@bureauveritas.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.



BUREAU
VERITAS

BV Labs Job #: C1Q6705
Report Date: 2021/09/28

Agnico Eagle
Your P.O. #: 997577
Sampler Initials: NS

RESULTS OF ANALYSES OF SOIL

BV Labs ID		QQZ687	QQZ688	QQZ689	QQZ690	QQZ691	QQZ692	QQZ693		
Sampling Date		2021/09/11	2021/09/11	2021/09/11	2021/09/11	2021/09/11	2021/09/11	2021/09/11		
COC Number		407149	407149	407149	407149	407149	407149	407149		
	UNITS	BLSOIL.1	BLSOIL.2	BLSOIL.3	BLSOIL.4	BLSOIL.5	BLSOIL.6	BLSOIL.7	RDL	QC Batch

Inorganics

Total Ammonia-N	ug/g	<20	<20	<20	<20	<20	<20	<20	20	7583361
Moisture	%	14	5.8	8.5	11	9.8	11	19	1.0	7582821

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

BV Labs ID		QQZ694		QQZ695			QQZ695		
Sampling Date		2021/09/11		2021/09/11			2021/09/11		
COC Number		407149		407149			407149		
	UNITS	BLSOIL.8	QC Batch	BLSOIL.9	RDL	QC Batch	BLSOIL.9 Lab-Dup	RDL	QC Batch

Inorganics

Total Ammonia-N	ug/g	<20	7583361	<20	20	7583364	<20	20	7583364
Moisture	%	8.5	7582821	14	1.0	7582821			

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate



BUREAU
VERITAS

BV Labs Job #: C1Q6705
Report Date: 2021/09/28

Agnico Eagle
Your P.O. #: 997577
Sampler Initials: NS

GLYCOLS BY GC-FID (SOIL)

BV Labs ID		QQZ687	QQZ688	QQZ689		QQZ690		QQZ691		
Sampling Date		2021/09/11	2021/09/11	2021/09/11		2021/09/11		2021/09/11		
COC Number		407149	407149	407149		407149		407149		
	UNITS	BLSOIL.1	BLSOIL.2	BLSOIL.3	QC Batch	BLSOIL.4	QC Batch	BLSOIL.5	RDL	QC Batch

Glycols

Propylene Glycol	mg/kg	<10	<10	<10	7582988	<10	7582997	<10	10	7582988
Ethylene Glycol	mg/kg	<10	<10	<10	7582988	<10	7582997	<10	10	7582988
Diethylene Glycol	mg/kg	<10	<10	<10	7582988	<10	7582997	<10	10	7582988
Total Glycol	mg/kg	<10	<10	<10	7582988	<10	7582997	<10	10	7582988

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

BV Labs ID		QQZ692	QQZ692	QQZ693		QQZ694		QQZ695		
Sampling Date		2021/09/11	2021/09/11	2021/09/11		2021/09/11		2021/09/11		
COC Number		407149	407149	407149		407149		407149		
	UNITS	BLSOIL.6	BLSOIL.6 Lab-Dup	BLSOIL.7	QC Batch	BLSOIL.8	QC Batch	BLSOIL.9	RDL	QC Batch

Glycols

Propylene Glycol	mg/kg	<10	<10	<10	7582997	<10	7582988	<10	10	7582997
Ethylene Glycol	mg/kg	<10	<10	<10	7582997	<10	7582988	<10	10	7582997
Diethylene Glycol	mg/kg	<10	<10	<10	7582997	<10	7582988	<10	10	7582997
Total Glycol	mg/kg	<10	<10	<10	7582997	<10	7582988	<10	10	7582997

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate



BUREAU
VERITAS

BV Labs Job #: C1Q6705
Report Date: 2021/09/28

Agnico Eagle
Your P.O. #: 997577
Sampler Initials: NS

ELEMENTS BY ATOMIC SPECTROSCOPY (SOIL)

BV Labs ID		QQZ687	QQZ688		QQZ689	QQZ689		QQZ690		
Sampling Date		2021/09/11	2021/09/11		2021/09/11	2021/09/11		2021/09/11		
COC Number		407149	407149		407149	407149		407149		
	UNITS	BLSOIL.1	BLSOIL.2	QC Batch	BLSOIL.3	BLSOIL.3 Lab-Dup	QC Batch	BLSOIL.4	RDL	QC Batch

Metals

Acid Extractable Arsenic (As)	ug/g	5.8	8.5	7583575	6.2	5.2	7583752	5.4	1.0	7583575
Acid Extractable Copper (Cu)	ug/g	18	12	7583575	15	13	7583752	15	0.50	7583575
Acid Extractable Lead (Pb)	ug/g	8.7	5.2	7583575	6.3	6.1	7583752	7.3	1.0	7583575
Acid Extractable Nickel (Ni)	ug/g	17	11	7583575	13	13	7583752	15	0.50	7583575
Acid Extractable Zinc (Zn)	ug/g	39	24	7583575	24	25	7583752	31	5.0	7583575

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

BV Labs ID		QQZ691	QQZ692	QQZ693	QQZ694	QQZ695		
Sampling Date		2021/09/11	2021/09/11	2021/09/11	2021/09/11	2021/09/11		
COC Number		407149	407149	407149	407149	407149		
	UNITS	BLSOIL.5	BLSOIL.6	BLSOIL.7	BLSOIL.8	BLSOIL.9	RDL	QC Batch

Metals

Acid Extractable Arsenic (As)	ug/g	5.3	4.4	4.9	4.1	2.2	1.0	7583575
Acid Extractable Copper (Cu)	ug/g	22	15	22	8.8	5.9	0.50	7583575
Acid Extractable Lead (Pb)	ug/g	8.8	7.2	8.4	7.2	5.1	1.0	7583575
Acid Extractable Nickel (Ni)	ug/g	20	16	22	14	8.8	0.50	7583575
Acid Extractable Zinc (Zn)	ug/g	42	38	49	24	19	5.0	7583575

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch



BUREAU
VERITAS

BV Labs Job #: C1Q6705

Report Date: 2021/09/28

Agnico Eagle

Your P.O. #: 997577

Sampler Initials: NS

PETROLEUM HYDROCARBONS (CCME)

BV Labs ID		QQZ687	QQZ688			QQZ688			QQZ689		
Sampling Date		2021/09/11	2021/09/11			2021/09/11			2021/09/11		
COC Number		407149	407149			407149			407149		
	UNITS	BLSOIL.1	BLSOIL.2	RDL	QC Batch	BLSOIL.2 Lab-Dup	RDL	QC Batch	BLSOIL.3	RDL	QC Batch

BTEX & F1 Hydrocarbons

Benzene	ug/g	<0.020	<0.020	0.020	7583018	<0.020	0.020	7583018	<0.020	0.020	7583018
Toluene	ug/g	<0.020	<0.020	0.020	7583018	<0.020	0.020	7583018	<0.020	0.020	7583018
Ethylbenzene	ug/g	<0.020	<0.020	0.020	7583018	<0.020	0.020	7583018	<0.020	0.020	7583018
o-Xylene	ug/g	<0.020	<0.020	0.020	7583018	<0.020	0.020	7583018	<0.020	0.020	7583018
p+m-Xylene	ug/g	<0.040	<0.040	0.040	7583018	<0.040	0.040	7583018	<0.040	0.040	7583018
Total Xylenes	ug/g	<0.040	<0.040	0.040	7583018	<0.040	0.040	7583018	<0.040	0.040	7583018

F2-F4 Hydrocarbons

Total Oil and Grease	ug/g	380	<100	100	7583653				<100	100	7583653
F2 (C10-C16 Hydrocarbons)	ug/g	<10	<10	10	7590822				<10	10	7590822
F3 (C16-C34 Hydrocarbons)	ug/g	<50	<50	50	7590822				<50	50	7590822
F4 (C34-C50 Hydrocarbons)	ug/g	<50	<50	50	7590822				<50	50	7590822
Reached Baseline at C50	ug/g	Yes	Yes		7590822				Yes		7590822

Surrogate Recovery (%)

1,4-Difluorobenzene	%	98	98		7583018	99		7583018	99		7583018
4-Bromofluorobenzene	%	97	98		7583018	96		7583018	98		7583018
D10-o-Xylene	%	98	92		7583018	98		7583018	86		7583018
D4-1,2-Dichloroethane	%	98	97		7583018	98		7583018	98		7583018
o-Terphenyl	%	99	100		7590822				100		7590822

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

BUREAU
VERITAS

BV Labs Job #: C1Q6705

Report Date: 2021/09/28

Agnico Eagle

Your P.O. #: 997577

Sampler Initials: NS

PETROLEUM HYDROCARBONS (CCME)

BV Labs ID		QQZ690	QQZ691	QQZ692	QQZ693			QQZ693		
Sampling Date		2021/09/11	2021/09/11	2021/09/11	2021/09/11			2021/09/11		
COC Number		407149	407149	407149	407149			407149		
	UNITS	BLSOIL.4	BLSOIL.5	BLSOIL.6	BLSOIL.7	RDL	QC Batch	BLSOIL.7 Lab-Dup	RDL	QC Batch
BTEX & F1 Hydrocarbons										
Benzene	ug/g	<0.020	<0.020	<0.020	<0.020	0.020	7583018			
Toluene	ug/g	<0.020	<0.020	<0.020	<0.020	0.020	7583018			
Ethylbenzene	ug/g	<0.020	<0.020	<0.020	<0.020	0.020	7583018			
o-Xylene	ug/g	<0.020	<0.020	<0.020	<0.020	0.020	7583018			
p+m-Xylene	ug/g	<0.040	<0.040	<0.040	<0.040	0.040	7583018			
Total Xylenes	ug/g	<0.040	<0.040	<0.040	<0.040	0.040	7583018			
F2-F4 Hydrocarbons										
Total Oil and Grease	ug/g	390	360	530	<100	100	7583653			
F2 (C10-C16 Hydrocarbons)	ug/g	<10	<10	<10	<10	10	7590822	<10	10	7590822
F3 (C16-C34 Hydrocarbons)	ug/g	<50	<50	380	<50	50	7590822	<50	50	7590822
F4 (C34-C50 Hydrocarbons)	ug/g	<50	<50	100	<50	50	7590822	<50	50	7590822
Reached Baseline at C50	ug/g	Yes	Yes	Yes	Yes		7590822	Yes		7590822
Surrogate Recovery (%)										
1,4-Difluorobenzene	%	100	99	98	98		7583018			
4-Bromofluorobenzene	%	97	95	94	95		7583018			
D10-o-Xylene	%	92	91	91	99		7583018			
D4-1,2-Dichloroethane	%	98	99	98	97		7583018			
o-Terphenyl	%	99	101	97	97		7590822	103		7590822
RDL = Reportable Detection Limit										
QC Batch = Quality Control Batch										
Lab-Dup = Laboratory Initiated Duplicate										



BUREAU
VERITAS

BV Labs Job #: C1Q6705
Report Date: 2021/09/28

Agnico Eagle
Your P.O. #: 997577
Sampler Initials: NS

PETROLEUM HYDROCARBONS (CCME)

BV Labs ID		QQZ694		QQZ695		
Sampling Date		2021/09/11		2021/09/11		
COC Number		407149		407149		
	UNITS	BLSOIL.8	QC Batch	BLSOIL.9	RDL	QC Batch
BTEX & F1 Hydrocarbons						
Benzene	ug/g	<0.020	7583018	<0.020	0.020	7583018
Toluene	ug/g	<0.020	7583018	<0.020	0.020	7583018
Ethylbenzene	ug/g	<0.020	7583018	<0.020	0.020	7583018
o-Xylene	ug/g	<0.020	7583018	<0.020	0.020	7583018
p+m-Xylene	ug/g	<0.040	7583018	<0.040	0.040	7583018
Total Xylenes	ug/g	<0.040	7583018	<0.040	0.040	7583018
F2-F4 Hydrocarbons						
Total Oil and Grease	ug/g	360	7583653	<100	100	7583261
F2 (C10-C16 Hydrocarbons)	ug/g	<10	7590822	<10	10	7590822
F3 (C16-C34 Hydrocarbons)	ug/g	<50	7590822	<50	50	7590822
F4 (C34-C50 Hydrocarbons)	ug/g	<50	7590822	<50	50	7590822
Reached Baseline at C50	ug/g	Yes	7590822	Yes		7590822
Surrogate Recovery (%)						
1,4-Difluorobenzene	%	99	7583018	98		7583018
4-Bromofluorobenzene	%	97	7583018	95		7583018
D10-o-Xylene	%	93	7583018	90		7583018
D4-1,2-Dichloroethane	%	98	7583018	100		7583018
o-Terphenyl	%	100	7590822	100		7590822
RDL = Reportable Detection Limit						
QC Batch = Quality Control Batch						



BUREAU
VERITAS

BV Labs Job #: C1Q6705
Report Date: 2021/09/28

Agnico Eagle
Your P.O. #: 997577
Sampler Initials: NS

TEST SUMMARY

BV Labs ID: QQZ687
Sample ID: BLSOIL.1
Matrix: Soil

Collected: 2021/09/11
Shipped:
Received: 2021/09/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	7583018	N/A	2021/09/16	Anca Ganea
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	7590822	2021/09/21	2021/09/22	Ravinder Gaidhu
F4G (CCME Hydrocarbons Gravimetric)	BAL	7583653	2021/09/17	2021/09/17	Jignakumari Mistry
Glycols in Soil by GC-FID	GC/FID	7582988	N/A	2021/09/17	Domnica Andronesco
Acid Extractable Metals by ICPMS	ICP/MS	7583575	2021/09/17	2021/09/17	Prempal Bhatti
Moisture	BAL	7582821	N/A	2021/09/16	Kruti Jitesh Patel
Ammonia-N	LACH/NH4	7583361	2021/09/17	2021/09/17	Chandra Nandlal

BV Labs ID: QQZ688
Sample ID: BLSOIL.2
Matrix: Soil

Collected: 2021/09/11
Shipped:
Received: 2021/09/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	7583018	N/A	2021/09/16	Anca Ganea
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	7590822	2021/09/21	2021/09/22	Ravinder Gaidhu
F4G (CCME Hydrocarbons Gravimetric)	BAL	7583653	2021/09/17	2021/09/17	Jignakumari Mistry
Glycols in Soil by GC-FID	GC/FID	7582988	N/A	2021/09/17	Domnica Andronesco
Acid Extractable Metals by ICPMS	ICP/MS	7583575	2021/09/17	2021/09/17	Prempal Bhatti
Moisture	BAL	7582821	N/A	2021/09/16	Kruti Jitesh Patel
Ammonia-N	LACH/NH4	7583361	2021/09/17	2021/09/17	Chandra Nandlal

BV Labs ID: QQZ688 Dup
Sample ID: BLSOIL.2
Matrix: Soil

Collected: 2021/09/11
Shipped:
Received: 2021/09/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	7583018	N/A	2021/09/16	Anca Ganea

BV Labs ID: QQZ689
Sample ID: BLSOIL.3
Matrix: Soil

Collected: 2021/09/11
Shipped:
Received: 2021/09/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	7583018	N/A	2021/09/16	Anca Ganea
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	7590822	2021/09/21	2021/09/22	Ravinder Gaidhu
F4G (CCME Hydrocarbons Gravimetric)	BAL	7583653	2021/09/17	2021/09/17	Jignakumari Mistry
Glycols in Soil by GC-FID	GC/FID	7582988	N/A	2021/09/17	Domnica Andronesco
Acid Extractable Metals by ICPMS	ICP/MS	7583752	2021/09/17	2021/09/17	Viviana Canzonieri
Moisture	BAL	7582821	N/A	2021/09/16	Kruti Jitesh Patel
Ammonia-N	LACH/NH4	7583361	2021/09/17	2021/09/17	Chandra Nandlal



BV Labs Job #: C1Q6705
Report Date: 2021/09/28

Agnico Eagle
Your P.O. #: 997577
Sampler Initials: NS

TEST SUMMARY

BV Labs ID: QQZ689 Dup
Sample ID: BLSOIL.3
Matrix: Soil

Collected: 2021/09/11
Shipped:
Received: 2021/09/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Acid Extractable Metals by ICPMS	ICP/MS	7583752	2021/09/17	2021/09/17	Viviana Canzonieri

BV Labs ID: QQZ690
Sample ID: BLSOIL.4
Matrix: Soil

Collected: 2021/09/11
Shipped:
Received: 2021/09/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	7583018	N/A	2021/09/17	Anca Ganea
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	7590822	2021/09/21	2021/09/22	Ravinder Gaidhu
F4G (CCME Hydrocarbons Gravimetric)	BAL	7583653	2021/09/17	2021/09/17	Jignakumari Mistry
Glycols in Soil by GC-FID	GC/FID	7582997	N/A	2021/09/17	Domnica Andronesco
Acid Extractable Metals by ICPMS	ICP/MS	7583575	2021/09/17	2021/09/17	Prempal Bhatti
Moisture	BAL	7582821	N/A	2021/09/16	Kruti Jitesh Patel
Ammonia-N	LACH/NH4	7583361	2021/09/17	2021/09/17	Chandra Nandlal

BV Labs ID: QQZ691
Sample ID: BLSOIL.5
Matrix: Soil

Collected: 2021/09/11
Shipped:
Received: 2021/09/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	7583018	N/A	2021/09/17	Anca Ganea
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	7590822	2021/09/21	2021/09/22	Ravinder Gaidhu
F4G (CCME Hydrocarbons Gravimetric)	BAL	7583653	2021/09/17	2021/09/17	Jignakumari Mistry
Glycols in Soil by GC-FID	GC/FID	7582988	N/A	2021/09/17	Domnica Andronesco
Acid Extractable Metals by ICPMS	ICP/MS	7583575	2021/09/17	2021/09/17	Prempal Bhatti
Moisture	BAL	7582821	N/A	2021/09/16	Kruti Jitesh Patel
Ammonia-N	LACH/NH4	7583361	2021/09/17	2021/09/17	Chandra Nandlal

BV Labs ID: QQZ692
Sample ID: BLSOIL.6
Matrix: Soil

Collected: 2021/09/11
Shipped:
Received: 2021/09/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	7583018	N/A	2021/09/17	Anca Ganea
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	7590822	2021/09/21	2021/09/22	Ravinder Gaidhu
F4G (CCME Hydrocarbons Gravimetric)	BAL	7583653	2021/09/17	2021/09/17	Jignakumari Mistry
Glycols in Soil by GC-FID	GC/FID	7582997	N/A	2021/09/17	Domnica Andronesco
Acid Extractable Metals by ICPMS	ICP/MS	7583575	2021/09/17	2021/09/17	Prempal Bhatti
Moisture	BAL	7582821	N/A	2021/09/16	Kruti Jitesh Patel
Ammonia-N	LACH/NH4	7583361	2021/09/17	2021/09/17	Chandra Nandlal



BV Labs Job #: C1Q6705
Report Date: 2021/09/28

Agnico Eagle
Your P.O. #: 997577
Sampler Initials: NS

TEST SUMMARY

BV Labs ID: QQZ692 Dup
Sample ID: BLSOIL.6
Matrix: Soil

Collected: 2021/09/11
Shipped:
Received: 2021/09/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Glycols in Soil by GC-FID	GC/FID	7582997	N/A	2021/09/17	Domnica Andronesco

BV Labs ID: QQZ693
Sample ID: BLSOIL.7
Matrix: Soil

Collected: 2021/09/11
Shipped:
Received: 2021/09/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	7583018	N/A	2021/09/17	Anca Ganea
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	7590822	2021/09/21	2021/09/22	Ravinder Gaidhu
F4G (CCME Hydrocarbons Gravimetric)	BAL	7583653	2021/09/17	2021/09/17	Jignakumari Mistry
Glycols in Soil by GC-FID	GC/FID	7582997	N/A	2021/09/17	Domnica Andronesco
Acid Extractable Metals by ICPMS	ICP/MS	7583575	2021/09/17	2021/09/17	Prempal Bhatti
Moisture	BAL	7582821	N/A	2021/09/16	Kruti Jitesh Patel
Ammonia-N	LACH/NH4	7583361	2021/09/17	2021/09/17	Chandra Nandlal

BV Labs ID: QQZ693 Dup
Sample ID: BLSOIL.7
Matrix: Soil

Collected: 2021/09/11
Shipped:
Received: 2021/09/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	7590822	2021/09/21	2021/09/22	Ravinder Gaidhu

BV Labs ID: QQZ694
Sample ID: BLSOIL.8
Matrix: Soil

Collected: 2021/09/11
Shipped:
Received: 2021/09/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	7583018	N/A	2021/09/17	Anca Ganea
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	7590822	2021/09/21	2021/09/22	Ravinder Gaidhu
F4G (CCME Hydrocarbons Gravimetric)	BAL	7583653	2021/09/17	2021/09/17	Jignakumari Mistry
Glycols in Soil by GC-FID	GC/FID	7582988	N/A	2021/09/17	Domnica Andronesco
Acid Extractable Metals by ICPMS	ICP/MS	7583575	2021/09/17	2021/09/17	Prempal Bhatti
Moisture	BAL	7582821	N/A	2021/09/16	Kruti Jitesh Patel
Ammonia-N	LACH/NH4	7583361	2021/09/17	2021/09/17	Chandra Nandlal

BV Labs ID: QQZ695
Sample ID: BLSOIL.9
Matrix: Soil

Collected: 2021/09/11
Shipped:
Received: 2021/09/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	7583018	N/A	2021/09/17	Anca Ganea
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	7590822	2021/09/21	2021/09/22	Ravinder Gaidhu
F4G (CCME Hydrocarbons Gravimetric)	BAL	7583261	2021/09/17	2021/09/17	Jignakumari Mistry
Glycols in Soil by GC-FID	GC/FID	7582997	N/A	2021/09/17	Domnica Andronesco
Acid Extractable Metals by ICPMS	ICP/MS	7583575	2021/09/17	2021/09/17	Prempal Bhatti
Moisture	BAL	7582821	N/A	2021/09/16	Kruti Jitesh Patel



BUREAU
VERITAS

BV Labs Job #: C1Q6705
Report Date: 2021/09/28

Agnico Eagle
Your P.O. #: 997577
Sampler Initials: NS

TEST SUMMARY

BV Labs ID: QQZ695
Sample ID: BLSOIL.9
Matrix: Soil

Collected: 2021/09/11
Shipped:
Received: 2021/09/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Ammonia-N	LACH/NH4	7583364	2021/09/17	2021/09/17	Chandra Nandlal

BV Labs ID: QQZ695 Dup
Sample ID: BLSOIL.9
Matrix: Soil

Collected: 2021/09/11
Shipped:
Received: 2021/09/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Ammonia-N	LACH/NH4	7583364	2021/09/17	2021/09/17	Chandra Nandlal



GENERAL COMMENTS

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

Package 1	12.7°C
Package 2	15.0°C
Package 3	15.7°C
Package 4	15.3°C
Package 5	14.3°C
Package 6	14.3°C
Package 7	13.0°C

Revised Report (2021/09/28): Split report

Revised Report (2021/09/22): F2-F4 analysis added per client request

PETROLEUM HYDROCARBONS (CCME)

F4G (CCME Hydrocarbons Gravimetric): The recovery in the matrix spike was not calculated (NC). Because of the high concentration of this analyte in the parent sample, the relative difference between the spiked and unspiked concentrations is not sufficiently significant to permit a reliable recovery calculation.

Results relate only to the items tested.

BUREAU
VERITAS

BV Labs Job #: C1Q6705

Report Date: 2021/09/28

QUALITY ASSURANCE REPORT

Agnico Eagle

Your P.O. #: 997577

Sampler Initials: NS

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7583018	1,4-Difluorobenzene	2021/09/16	94	60 - 140	97	60 - 140	101	%		
7583018	4-Bromofluorobenzene	2021/09/16	100	60 - 140	100	60 - 140	96	%		
7583018	D10-o-Xylene	2021/09/16	95	60 - 140	91	60 - 140	96	%		
7583018	D4-1,2-Dichloroethane	2021/09/16	95	60 - 140	94	60 - 140	108	%		
7590822	o-Terphenyl	2021/09/21	96	60 - 130	95	60 - 130	92	%		
7582821	Moisture	2021/09/16							7.3	20
7582988	Diethylene Glycol	2021/09/17	98	60 - 140	100	60 - 140	<10	mg/kg	NC	50
7582988	Ethylene Glycol	2021/09/17	103	60 - 140	98	60 - 140	<10	mg/kg	NC	50
7582988	Propylene Glycol	2021/09/17	107	60 - 140	104	60 - 140	<10	mg/kg	NC	50
7582988	Total Glycol	2021/09/17					<10	mg/kg	NC	50
7582997	Diethylene Glycol	2021/09/17	98	60 - 140	93	60 - 140	<10	mg/kg	NC	50
7582997	Ethylene Glycol	2021/09/17	100	60 - 140	97	60 - 140	<10	mg/kg	NC	50
7582997	Propylene Glycol	2021/09/17	104	60 - 140	100	60 - 140	<10	mg/kg	NC	50
7582997	Total Glycol	2021/09/17					<10	mg/kg	NC	50
7583018	Benzene	2021/09/16	102	50 - 140	95	50 - 140	<0.020	ug/g	NC	50
7583018	Ethylbenzene	2021/09/16	112	50 - 140	104	50 - 140	<0.020	ug/g	NC	50
7583018	o-Xylene	2021/09/16	110	50 - 140	102	50 - 140	<0.020	ug/g	NC	50
7583018	p+m-Xylene	2021/09/16	116	50 - 140	107	50 - 140	<0.040	ug/g	NC	50
7583018	Toluene	2021/09/16	105	50 - 140	96	50 - 140	<0.020	ug/g	NC	50
7583018	Total Xylenes	2021/09/16					<0.040	ug/g	NC	50
7583261	Total Oil and Grease	2021/09/17	NC	65 - 135	101	65 - 135	<100	ug/g		
7583361	Total Ammonia-N	2021/09/17	109	80 - 120	109	80 - 120	<20	ug/g	NC	35
7583364	Total Ammonia-N	2021/09/17	111	80 - 120	114	80 - 120	<20	ug/g	NC	35
7583575	Acid Extractable Arsenic (As)	2021/09/17	104	75 - 125	103	80 - 120	<1.0	ug/g	17	30
7583575	Acid Extractable Copper (Cu)	2021/09/17	NC	75 - 125	99	80 - 120	<0.50	ug/g	4.1	30
7583575	Acid Extractable Lead (Pb)	2021/09/17	98	75 - 125	100	80 - 120	<1.0	ug/g	5.7	30
7583575	Acid Extractable Nickel (Ni)	2021/09/17	NC	75 - 125	103	80 - 120	<0.50	ug/g	1.5	30
7583575	Acid Extractable Zinc (Zn)	2021/09/17	NC	75 - 125	104	80 - 120	<5.0	ug/g	3.2	30
7583653	Total Oil and Grease	2021/09/17	119	65 - 135	100	65 - 135	<100	ug/g	18	50
7583752	Acid Extractable Arsenic (As)	2021/09/17	98	75 - 125	103	80 - 120	<1.0	ug/g	19	30
7583752	Acid Extractable Copper (Cu)	2021/09/17	120	75 - 125	97	80 - 120	<0.50	ug/g	13	30



BUREAU
VERITAS

BV Labs Job #: C1Q6705

Report Date: 2021/09/28

QUALITY ASSURANCE REPORT(CONT'D)

Agnico Eagle

Your P.O. #: 997577

Sampler Initials: NS

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7583752	Acid Extractable Lead (Pb)	2021/09/17	81	75 - 125	98	80 - 120	<1.0	ug/g	3.3	30
7583752	Acid Extractable Nickel (Ni)	2021/09/17	98	75 - 125	101	80 - 120	<0.50	ug/g	1.9	30
7583752	Acid Extractable Zinc (Zn)	2021/09/17	NC	75 - 125	96	80 - 120	<5.0	ug/g	3.9	30
7590822	F2 (C10-C16 Hydrocarbons)	2021/09/22	99	50 - 130	101	80 - 120	<10	ug/g	NC	30
7590822	F3 (C16-C34 Hydrocarbons)	2021/09/22	100	50 - 130	102	80 - 120	<50	ug/g	NC	30
7590822	F4 (C34-C50 Hydrocarbons)	2021/09/22	104	50 - 130	105	80 - 120	<50	ug/g	NC	30

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.

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 $\leq 2 \times \text{RDL}$).



BUREAU
VERITAS

BV Labs Job #: C1Q6705

Report Date: 2021/09/28

Agnico Eagle

Your P.O. #: 997577

Sampler Initials: NS

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

Ewa Pranjić, M.Sc., C.Chem, Scientific Specialist

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

BV Labs Job #: C1Q6705

Report Date: 2021/09/28

Agnico Eagle

Your P.O. #: 997577

Sampler Initials: NS

**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.						