

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: BREITBURN OPERATING
Name:
ClientProj:

Site Addr: BAGLEY C1-6

GTA ProjNo: 033020-5

Sampled By: SN/OMPC
Date Rec: 3/30/2020
Time Rec: 12:58 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	N. WALL @ 2.5'	3/27/2020		SOIL
2	S. WALL @ 1'	3/27/2020		SOIL
3	SE WALL @ 2.5'	3/27/2020		SOIL
4	S. BOTTOM @ 4'	3/27/2020		SOIL
5	E. WALL @ 3'	3/27/2020		SOIL
6	N. BOTTOM @ 5'	3/27/2020		SOIL
7	W. WALL @ 3'	3/27/2020		SOIL

ELECTRONIC SIGNATURE REPORT. This is a final report for the following pages of data for the samples specified above. All analysis was performed by the methods stated and all quality control measures required were completed. All quality control information is available upon request.

Kirk Chase

Kirk L. Chase/Chemist
Grand Traverse Analytical
830 Robinwood Court
Traverse City, MI 49686
Ph: 231-929-0905
Fx: 231-929-0894
SP: 231-590-0291
kirk@gtanalytical.com

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: BREITBURN OPERATING

GTA PROJECT NO: 033020-5

PROJECT NO:

GTA SAMPLE NO: 1

LOCATION: BAGLEY C1-6

DATE SAMPLED: 3/27/2020

TIME SAMPLED:

DATE RECEIVED: 3/30/2020

TIME RECEIVED: 12:58 PM

SAMPLED BY: MI
SN/OMPC**SAMPLE ANALYSIS****No: Analysis**

SAMPLE ID: N. WALL @ 2.5'

CHLORIDE EPA 300.0

Concentration

ND

LOD

54

Units

mg/Kg (PPM) LV

Analyst**Date**

3/31/2020

Sample

SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: BREITBURN OPERATING

GTA PROJECT NO: 033020-5

GTA SAMPLE NO: 2

PROJECT NO:

LOCATION: BAGLEY C1-6

DATE SAMPLED: 3/27/2020

TIME SAMPLED:

DATE RECEIVED: 3/30/2020

TIME RECEIVED: 12:58 PM

MI

SAMPLED BY: SN/OMPC

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: S. WALL @ 1'

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date

Sample

ND

52

mg/Kg (PPM) LV

3/31/2020

SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: BREITBURN OPERATING

GTA PROJECT NO: 033020-5

PROJECT NO:

GTA SAMPLE NO: 3

LOCATION: BAGLEY C1-6

DATE SAMPLED: 3/27/2020

TIME SAMPLED:

DATE RECEIVED: 3/30/2020

TIME RECEIVED: 12:58 PM

MI

SAMPLED BY: SN/OMPC

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: SE WALL @ 2.5'

CHLORIDE EPA 300.0

Concentration

620

LOD

51

Units

mg/Kg (PPM) LV

Analyst

Date

3/31/2020

Sample

SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: BREITBURN OPERATING

GTA PROJECT NO: 033020-5

GTA SAMPLE NO: 4

PROJECT NO:

LOCATION: BAGLEY C1-6

DATE SAMPLED: 3/27/2020

TIME SAMPLED:

DATE RECEIVED: 3/30/2020

TIME RECEIVED: 12:58 PM

MI

SAMPLED BY: SN/OMPC

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: S. BOTTOM @ 4'

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date

Sample

720

51

mg/Kg (PPM) LV

3/31/2020

SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: BREITBURN OPERATING

GTA PROJECT NO: 033020-5

PROJECT NO:

GTA SAMPLE NO: 5

LOCATION: BAGLEY C1-6

DATE SAMPLED: 3/27/2020

TIME SAMPLED:

DATE RECEIVED: 3/30/2020

TIME RECEIVED: 12:58 PM

MI

SAMPLED BY: SN/OMPC

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: E. WALL @ 3'

CHLORIDE EPA 300.0

Concentration

190

LOD

51

Units

mg/Kg (PPM) LV

Analyst

LV

Date

3/31/2020

Sample

SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: BREITBURN OPERATING

GTA PROJECT NO: 033020-5

PROJECT NO:

GTA SAMPLE NO: 6

LOCATION: BAGLEY C1-6

DATE SAMPLED: 3/27/2020

TIME SAMPLED:

DATE RECEIVED: 3/30/2020

TIME RECEIVED: 12:58 PM

SAMPLED BY: MI
SN/OMPC

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: N. BOTTOM @ 5'

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date

Sample

550

52

mg/Kg (PPM) LV

3/31/2020

SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: BREITBURN OPERATING

GTA PROJECT NO: 033020-5

PROJECT NO:

GTA SAMPLE NO: 7

LOCATION: BAGLEY C1-6

DATE SAMPLED: 3/27/2020

TIME SAMPLED:

DATE RECEIVED: 3/30/2020

TIME RECEIVED: 12:58 PM

SAMPLED BY: MI
SN/OMPC

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: W. WALL @ 3'

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date

Sample

810

51

mg/Kg (PPM) LV

3/31/2020

SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: BREITBURN OPERATING

GTA PROJECT NO: 033020-5

NAME:

SAMPLED BY: SN/OMPC

PROJECT NO:

DATE SAMPLED: 3/27/2020

TIME SAMPLED:

LOCATION: BAGLEY C1-6

SAMPLE MATRIX: SOIL

DATE RECEIVED: 3/30/2020

TIME RECEIVED: 12:58 PM

MI

MOISTURE

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Complete</u>
	SAMPLE ID: N. WALL @ 2.5'					
	% MOISTURE EPA 3550C	7.4	0.050	% OF SAMPLE	AS	3/30/2020
	SAMPLE ID: S. WALL @ 1'					
	% MOISTURE EPA 3550C	5.6	0.050	% OF SAMPLE	AS	3/30/2020
	SAMPLE ID: SE WALL @ 2.5'					
	% MOISTURE EPA 3550C	5.1	0.050	% OF SAMPLE	AS	3/30/2020
	SAMPLE ID: S. BOTTOM @ 4'					
	% MOISTURE EPA 3550C	5.2	0.050	% OF SAMPLE	AS	3/30/2020
	SAMPLE ID: E. WALL @ 3'					
	% MOISTURE EPA 3550C	5.1	0.050	% OF SAMPLE	AS	3/30/2020
	SAMPLE ID: N. BOTTOM @ 5'					
	% MOISTURE EPA 3550C	4.3	0.050	% OF SAMPLE	AS	3/30/2020
	SAMPLE ID: W. WALL @ 3'					
	% MOISTURE EPA 3550C	4.6	0.050	% OF SAMPLE	AS	3/30/2020

