Grand Traverse Analytical, LLC

INDEPENDENT TESTING LAB
830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686
PH: 231-929-0905 FAX: 231-929-0894
www.gtanalytical.com

Company:	SUMMIT PETROLEUM	Site Addr:	SAM T. JOHNSON #1
Name:			
ClientProj:			
		Sampled By:	DAN NIDA/SUMMIT
GTA ProjNo:	052120-2	Date Rec:	5/21/2020
		Time Rec:	3:25 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	SW-1-3'	5/21/2020		SOIL
2	SW-2-2'	5/21/2020		SOIL
3	SW-3-2'	5/21/2020		SOIL
4	SW-4-2'	5/21/2020		SOIL
5	SW-5-2'	5/21/2020		SOIL
6	FL-1-3'	5/21/2020		SOIL
7	FL-2-3'	5/21/2020		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 L. 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

Grand Traverse Analytical, LLC
INDEPENDENT TESTING LAB
830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686
PH: 231-929-0905 FAX: 231-929-0894
www.gtanalytical.com

COMPANY:	SUMMIT PETROLEUM	GTA PROJECT NO:	052120-2
		GTA SAMPLE NO:	1
PROJECT NO:			
LOCATION:	SAM T. JOHNSON #1	DATE SAMPLED:	5/21/2020
		TIME SAMPLED:	
		DATE RECEIVED:	5/21/2020
	MI	TIME RECEIVED:	3:25 PM
SAMPLE MATRIX:	SOIL		
SAMPLE ID:	SW-1-3'	SAMPLED BY:	DAN NIDA/SUMMIT

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

EPA 8260B VOLATILE ORGANICS

Analysis	Concentration	LOD	Units	Analyst	Date Extracted	Date Complete	Prep Method
Benzene	ND	50	ug/Kg (PPB)	MR	5/21/2020	5/25/2020	EPA 5035A
Toluene	110	50					
Ethylbenzene	1,700	50					
Xylene(Total)	350	150					
1,2,4-Trimethylbenzene	610	50					
1,3,5-Trimethylbenzene	110	50					
Naphthalene	ND	250					
2-Methylnaphthalene	330	250					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION

Grand Traverse Analytical, LLC
INDEPENDENT TESTING LAB
830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686
PH: 231-929-0905 FAX: 231-929-0894
www.gtanalytical.com

COMPANY:	SUMMIT PETROLEUM	GTA PROJECT NO:	052120-2
		GTA SAMPLE NO:	2
PROJECT NO:			
LOCATION:	SAM T. JOHNSON #1	DATE SAMPLED:	5/21/2020
		TIME SAMPLED:	
		DATE RECEIVED:	5/21/2020
	MI	TIME RECEIVED:	3:25 PM
SAMPLE MATRIX:	SOIL		
SAMPLE ID:	SW-2-2'	SAMPLED BY:	DAN NIDA/SUMMIT

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

EPA 8260B VOLATILE ORGANICS

Analysis	Concentration	LOD	Units	Analyst	Date Extracted	Date Complete	Prep Method
Benzene	ND	50	ug/Kg (PPB)	MR	5/21/2020	5/25/2020	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION

Grand Traverse Analytical, LLC
INDEPENDENT TESTING LAB
830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686
PH: 231-929-0905 FAX: 231-929-0894
www.gtanalytical.com

COMPANY:	SUMMIT PETROLEUM	GTA PROJECT NO:	052120-2
		GTA SAMPLE NO:	3
PROJECT NO:			
LOCATION:	SAM T. JOHNSON #1	DATE SAMPLED:	5/21/2020
		TIME SAMPLED:	
		DATE RECEIVED:	5/21/2020
	MI	TIME RECEIVED:	3:25 PM
SAMPLE MATRIX:	SOIL		
SAMPLE ID:	SW-3-2'	SAMPLED BY:	DAN NIDA/SUMMIT

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

EPA 8260B VOLATILE ORGANICS

Analysis	Concentration	LOD	Units	Analyst	Date Extracted	Date Complete	Prep Method
Benzene	ND	50	ug/Kg (PPB)	MR	5/21/2020	5/22/2020	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION

Grand Traverse Analytical, LLC
INDEPENDENT TESTING LAB
830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686
PH: 231-929-0905 FAX: 231-929-0894
www.gtanalytical.com

COMPANY:	SUMMIT PETROLEUM	GTA PROJECT NO:	052120-2
		GTA SAMPLE NO:	4
PROJECT NO:			
LOCATION:	SAM T. JOHNSON #1	DATE SAMPLED:	5/21/2020
		TIME SAMPLED:	
		DATE RECEIVED:	5/21/2020
	MI	TIME RECEIVED:	3:25 PM
SAMPLE MATRIX:	SOIL		
SAMPLE ID:	SW-4-2'	SAMPLED BY:	DAN NIDA/SUMMIT

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

EPA 8260B VOLATILE ORGANICS

Analysis	Concentration	LOD	Units	Analyst	Date Extracted	Date Complete	Prep Method
Benzene	ND	50	ug/Kg (PPB)	MR	5/21/2020	5/22/2020	EPA 5035A
Toluene	280	50					
Ethylbenzene	55	50					
Xylene(Total)	360	150					
1,2,4-Trimethylbenzene	110	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION

Grand Traverse Analytical, LLC
INDEPENDENT TESTING LAB
830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686
PH: 231-929-0905 FAX: 231-929-0894
www.gtanalytical.com

COMPANY:	SUMMIT PETROLEUM	GTA PROJECT NO:	052120-2
		GTA SAMPLE NO:	5
PROJECT NO:			
LOCATION:	SAM T. JOHNSON #1	DATE SAMPLED:	5/21/2020
		TIME SAMPLED:	
		DATE RECEIVED:	5/21/2020
	MI	TIME RECEIVED:	3:25 PM
SAMPLE MATRIX:	SOIL		
SAMPLE ID:	SW-5-2'	SAMPLED BY:	DAN NIDA/SUMMIT

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

EPA 8260B VOLATILE ORGANICS

Analysis	Concentration	LOD	Units	Analyst	Date Extracted	Date Complete	Prep Method
Benzene	ND	50	ug/Kg (PPB)	MR	5/21/2020	5/22/2020	EPA 5035A
Toluene	140	50					
Ethylbenzene	ND	50					
Xylene(Total)	300	150					
1,2,4-Trimethylbenzene	120	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION

Grand Traverse Analytical, LLC
INDEPENDENT TESTING LAB
830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686
PH: 231-929-0905 FAX: 231-929-0894
www.gtanalytical.com

COMPANY:	SUMMIT PETROLEUM	GTA PROJECT NO:	052120-2
		GTA SAMPLE NO:	6
PROJECT NO:			
LOCATION:	SAM T. JOHNSON #1	DATE SAMPLED:	5/21/2020
		TIME SAMPLED:	
		DATE RECEIVED:	5/21/2020
	MI	TIME RECEIVED:	3:25 PM
SAMPLE MATRIX:	SOIL		
SAMPLE ID:	FL-1-3'	SAMPLED BY:	DAN NIDA/SUMMIT

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

EPA 8260B VOLATILE ORGANICS

Analysis	Concentration	LOD	Units	Analyst	Date Extracted	Date Complete	Prep Method
Benzene	ND	50	ug/Kg (PPB)	MR	5/21/2020	5/24/2020	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION

Grand Traverse Analytical, LLC
INDEPENDENT TESTING LAB
830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686
PH: 231-929-0905 FAX: 231-929-0894
www.gtanalytical.com

COMPANY:	SUMMIT PETROLEUM	GTA PROJECT NO:	052120-2
		GTA SAMPLE NO:	7
PROJECT NO:			
LOCATION:	SAM T. JOHNSON #1	DATE SAMPLED:	5/21/2020
		TIME SAMPLED:	
		DATE RECEIVED:	5/21/2020
	MI	TIME RECEIVED:	3:25 PM
SAMPLE MATRIX:	SOIL		
SAMPLE ID:	FL-2-3'	SAMPLED BY:	DAN NIDA/SUMMIT

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

EPA 8260B VOLATILE ORGANICS

Analysis	Concentration	LOD	Units	Analyst	Date Extracted	Date Complete	Prep Method
Benzene	ND	50	ug/Kg (PPB)	MR	5/21/2020	5/22/2020	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION

Grand Traverse Analytical, LLC

INDEPENDENT TESTING LAB
830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686
PH: 231-929-0905 FAX: 231-929-0894
www.gtanalytical.com

COMPANY:	SUMMIT PETROLEUM	GTA PROJECT NO:	052120-2
		GTA SAMPLE NO:	1
PROJECT NO:			
LOCATION:	SAM T. JOHNSON #1	DATE SAMPLED:	5/21/2020
		TIME SAMPLED:	
		DATE RECEIVED:	5/21/2020
		TIME RECEIVED:	3:25 PM
	MI		
SAMPLED BY:	DAN NIDA/SUMMIT		

SAMPLE ANALYSIS

No:	Analysis	Concentration	LOD	Units	Analyst	Date	Sample
SAMPLE ID: **SW-1-3'**							
	CHLORIDE EPA 300.0	ND	120	mg/Kg (PPM)	LV	5/26/2020	SOIL

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

Grand Traverse Analytical, LLC

INDEPENDENT TESTING LAB
830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686
PH: 231-929-0905 FAX: 231-929-0894
www.gtanalytical.com

COMPANY:	SUMMIT PETROLEUM	GTA PROJECT NO:	052120-2
		GTA SAMPLE NO:	2
PROJECT NO:			
LOCATION:	SAM T. JOHNSON #1	DATE SAMPLED:	5/21/2020
		TIME SAMPLED:	
		DATE RECEIVED:	5/21/2020
		TIME RECEIVED:	3:25 PM
	MI		
SAMPLED BY:	DAN NIDA/SUMMIT		

SAMPLE ANALYSIS

No: Analysis	Concentration	LOD	Units	Analyst	Date	Sample
SAMPLE ID: **SW-2-2'**						
CHLORIDE EPA 300.0	ND	120	mg/Kg (PPM)	LV	5/26/2020	SOIL

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

Grand Traverse Analytical, LLC
INDEPENDENT TESTING LAB
830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686
PH: 231-929-0905 FAX: 231-929-0894
www.gtanalytical.com

COMPANY:	SUMMIT PETROLEUM	GTA PROJECT NO:	052120-2
		GTA SAMPLE NO:	3
PROJECT NO:			
LOCATION:	SAM T. JOHNSON #1	DATE SAMPLED:	5/21/2020
		TIME SAMPLED:	
		DATE RECEIVED:	5/21/2020
		TIME RECEIVED:	3:25 PM
	MI		
SAMPLED BY:	DAN NIDA/SUMMIT		

SAMPLE ANALYSIS

No: Analysis	Concentration	LOD	Units	Analyst	Date	Sample
SAMPLE ID: **SW-3-2'**						
CHLORIDE EPA 300.0	ND	110	mg/Kg (PPM)	LV	5/26/2020	SOIL

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

Grand Traverse Analytical, LLC
INDEPENDENT TESTING LAB
830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686
PH: 231-929-0905 FAX: 231-929-0894
www.gtanalytical.com

COMPANY:	SUMMIT PETROLEUM	GTA PROJECT NO:	052120-2
		GTA SAMPLE NO:	4
PROJECT NO:			
LOCATION:	SAM T. JOHNSON #1	DATE SAMPLED:	5/21/2020
		TIME SAMPLED:	
		DATE RECEIVED:	5/21/2020
		TIME RECEIVED:	3:25 PM
	MI		
SAMPLED BY:	DAN NIDA/SUMMIT		

SAMPLE ANALYSIS

No: Analysis	Concentration	LOD	Units	Analyst	Date	Sample
SAMPLE ID: **SW-4-2'**						
CHLORIDE EPA 300.0	ND	110	mg/Kg (PPM)	LV	5/26/2020	SOIL

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

Grand Traverse Analytical, LLC

INDEPENDENT TESTING LAB
830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686
PH: 231-929-0905 FAX: 231-929-0894
www.gtanalytical.com

COMPANY:	SUMMIT PETROLEUM	GTA PROJECT NO:	052120-2
		GTA SAMPLE NO:	5
PROJECT NO:			
LOCATION:	SAM T. JOHNSON #1	DATE SAMPLED:	5/21/2020
		TIME SAMPLED:	
		DATE RECEIVED:	5/21/2020
		TIME RECEIVED:	3:25 PM
	MI		
SAMPLED BY:	DAN NIDA/SUMMIT		

SAMPLE ANALYSIS

No: Analysis	Concentration	LOD	Units	Analyst	Date	Sample
SAMPLE ID: **SW-5-2'**						
CHLORIDE EPA 300.0	ND	110	mg/Kg (PPM)	LV	5/26/2020	SOIL

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

Grand Traverse Analytical, LLC

INDEPENDENT TESTING LAB
830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686
PH: 231-929-0905 FAX: 231-929-0894
www.gtanalytical.com

COMPANY:	SUMMIT PETROLEUM	GTA PROJECT NO:	052120-2
		GTA SAMPLE NO:	6
PROJECT NO:			
LOCATION:	SAM T. JOHNSON #1	DATE SAMPLED:	5/21/2020
		TIME SAMPLED:	
		DATE RECEIVED:	5/21/2020
		TIME RECEIVED:	3:25 PM
	MI		
SAMPLED BY:	DAN NIDA/SUMMIT		

SAMPLE ANALYSIS

No: Analysis	Concentration	LOD	Units	Analyst	Date	Sample
SAMPLE ID: **FL-1-3'**						
CHLORIDE EPA 300.0	ND	120	mg/Kg (PPM)	LV	5/26/2020	SOIL

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

Grand Traverse Analytical, LLC
INDEPENDENT TESTING LAB
830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686
PH: 231-929-0905 FAX: 231-929-0894
www.gtanalytical.com

COMPANY:	SUMMIT PETROLEUM	GTA PROJECT NO:	052120-2
		GTA SAMPLE NO:	7
PROJECT NO:			
LOCATION:	SAM T. JOHNSON #1	DATE SAMPLED:	5/21/2020
		TIME SAMPLED:	
		DATE RECEIVED:	5/21/2020
		TIME RECEIVED:	3:25 PM
	MI		
SAMPLED BY:	DAN NIDA/SUMMIT		

SAMPLE ANALYSIS

No: Analysis	Concentration	LOD	Units	Analyst	Date	Sample
SAMPLE ID: **FL-2-3'**						
CHLORIDE EPA 300.0	ND	110	mg/Kg (PPM)	LV	5/26/2020	SOIL

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

Grand Traverse Analytical, LLC

INDEPENDENT TESTING LAB
830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686
PH: 231-929-0905 FAX: 231-929-0894
www.gtanalytical.com

COMPANY: SUMMIT PETROLEUM

NAME:
PROJECT NO:

LOCATION: SAM T. JOHNSON #1

MI

GTA PROJECT NO: 052120-2
SAMPLED BY: DAN NIDA/SUMMIT

DATE SAMPLED: 5/21/2020
TIME SAMPLED:

SAMPLE MATRIX: SOIL

DATE RECEIVED: 5/21/2020
TIME RECEIVED: 3:25 PM

MOISTURE

No: Analysis	Concentration	LOD	Units	Analyst	Date Complete
SAMPLE ID: SW-1-3'					
% MOISTURE EPA 3550C	22	0.050	% OF SAMPLE	AS	5/21/2020
SAMPLE ID: SW-2-2'					
% MOISTURE EPA 3550C	14	0.050	% OF SAMPLE	AS	5/21/2020
SAMPLE ID: SW-3-2'					
% MOISTURE EPA 3550C	15	0.050	% OF SAMPLE	AS	5/21/2020
SAMPLE ID: SW-4-2'					
% MOISTURE EPA 3550C	7.8	0.050	% OF SAMPLE	AS	5/21/2020
SAMPLE ID: SW-5-2'					
% MOISTURE EPA 3550C	13	0.050	% OF SAMPLE	AS	5/21/2020
SAMPLE ID: FL-1-3'					
% MOISTURE EPA 3550C	16	0.050	% OF SAMPLE	AS	5/21/2020
SAMPLE ID: FL-2-3'					
% MOISTURE EPA 3550C	13	0.050	% OF SAMPLE	AS	5/21/2020

Grand Traverse Analytical, LLC

INDEPENDENT TESTING LAB

830 ROBINWOOD COURT. TRAVERSE CITY, MI 49686

PH: 231-929-0905 FAX: 231-929-0894

www.gtanalytical.com

CHAIN OF CUSTODY

PROJECT NUMBER	SITE NAME/ADDRESS	COMPANY/NAME
	Sam T. Johnson #1	Summit

SAMPLED BY	COMPANY	GTA PROJECT #
Dan N	Summit	052120-2

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	SW-1-3'	5/21/20	-	Soil	BTEX + 4 + Chloride
2	SW-2-2'	"	-	"	"
3	SW-3-2'	"	-	"	"
4	SW-4-2'	"	-	"	"
5	SW-5-2'	"	-	"	"
6	FL-1-3'	"	-	"	"
7	FL-2-3'	"	-	"	"

BILL TO: Summit

REPORT TO: Dan N

RELEASED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1 Daniel Ojeda	5/21/20		5/21/20 3:25

REQUESTED TAT ❑ STANDARD ❑ 1 BUSINESS DAY ❑ 2 BUSINESS DAYS ❑ 3 BUSINESS DAYS