

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

[www.gtanalytical.com](http://www.gtanalytical.com)

Company: SUMMIT PETROLEUM  
Name:  
ClientProj:

Site Addr: ROSEBUSH BIOCELL

GTA ProjNo: 082119-6

Sampled By: DAN NIDA/SUMMIT  
Date Rec: 8/21/2019  
Time Rec: 2:10 PM

| Sample No. | Sample ID | Date Sampled | Time Sampled | Sample Matrix |
|------------|-----------|--------------|--------------|---------------|
| 1          | SB-1      | 8/21/2019    |              | SOIL          |
| 2          | SB-2      | 8/21/2019    |              | SOIL          |
| 3          | SB-3      | 8/21/2019    |              | SOIL          |
| 4          | SB-4      | 8/21/2019    |              | SOIL          |
| 5          | SB-5      | 8/21/2019    |              | SOIL          |
| 6          | SB-6      | 8/21/2019    |              | SOIL          |
| 7          | SB-7      | 8/21/2019    |              | SOIL          |
| 8          | SB-8      | 8/21/2019    |              | SOIL          |
| 9          | SB-9      | 8/21/2019    |              | SOIL          |
| 10         | SB-10     | 8/21/2019    |              | 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](mailto: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: SUMMIT PETROLEUM

PROJECT NO:

LOCATION: ROSEBUSH BIOCELL

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SB-1

GTA PROJECT NO: 082119-6

GTA SAMPLE NO: 1

DATE SAMPLED: 8/21/2019

TIME SAMPLED:

DATE RECEIVED: 8/21/2019

TIME RECEIVED: 2:10 PM

SAMPLED BY: DAN NIDA/SUMMIT

**EPA 8260B VOLATILE ORGANICS**

| <u>Analysis</u>        | <u>Concentration</u> | <u>LOD</u> | <u>Units</u>   | <u>Analyst</u> | <u>Date</u><br><u>Extracted</u> | <u>Date</u><br><u>Complete</u> | <u>Prep Method</u> |
|------------------------|----------------------|------------|----------------|----------------|---------------------------------|--------------------------------|--------------------|
| Benzene                | ND                   | 50         | ug/Kg (PPB) MR |                | 8/21/2019                       | 8/26/2019                      | EPA 5035A          |
| Toluene                | ND                   | 50         |                |                |                                 |                                |                    |
| Ethylbenzene           | ND                   | 50         |                |                |                                 |                                |                    |
| Xylene(Total)          | ND                   | 150        |                |                |                                 |                                |                    |
| 1,2,4-Trimethylbenzene | 62                   | 50         |                |                |                                 |                                |                    |
| 1,3,5-Trimethylbenzene | 65                   | 50         |                |                |                                 |                                |                    |
| Naphthalene            | ND                   | 250        |                |                |                                 |                                |                    |
| 2-Methylnaphthalene    | ND                   | 250        |                |                |                                 |                                |                    |

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

ND = NOT DETECTED, RESULT &lt; LOD

LOD = LIMIT OF DETECTION

COMPANY: SUMMIT PETROLEUM

GTA PROJECT NO: 082119-6

PROJECT NO:

GTA SAMPLE NO: 2

LOCATION: ROSEBUSH BIOCELL

DATE SAMPLED: 8/21/2019

TIME SAMPLED:

DATE RECEIVED: 8/21/2019

TIME RECEIVED: 2:10 PM

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SB-2

SAMPLED BY: DAN NIDA/SUMMIT

## EPA 8260B VOLATILE ORGANICS

| <u>Analysis</u>        | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date</u><br><u>Extracted</u> | <u>Date</u><br><u>Complete</u> | <u>Prep Method</u> |
|------------------------|----------------------|------------|--------------|----------------|---------------------------------|--------------------------------|--------------------|
| Benzene                | 380                  | 50         | ug/Kg (PPB)  | MR             | 8/21/2019                       | 8/26/2019                      | EPA 5035A          |
| Toluene                | ND                   | 50         |              |                |                                 |                                |                    |
| Ethylbenzene           | 320                  | 50         |              |                |                                 |                                |                    |
| Xylene(Total)          | 2,500                | 150        |              |                |                                 |                                |                    |
| 1,2,4-Trimethylbenzene | 680                  | 50         |              |                |                                 |                                |                    |
| 1,3,5-Trimethylbenzene | 510                  | 50         |              |                |                                 |                                |                    |
| Naphthalene            | ND                   | 250        |              |                |                                 |                                |                    |
| 2-Methylnaphthalene    | 590                  | 250        |              |                |                                 |                                |                    |

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

COMPANY: SUMMIT PETROLEUM

GTA PROJECT NO: 082119-6

PROJECT NO:

GTA SAMPLE NO: 3

LOCATION: ROSEBUSH BIOCELL

DATE SAMPLED: 8/21/2019

TIME SAMPLED:

DATE RECEIVED: 8/21/2019

TIME RECEIVED: 2:10 PM

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SB-3

SAMPLED BY: DAN NIDA/SUMMIT

## EPA 8260B VOLATILE ORGANICS

| <u>Analysis</u>        | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date</u><br><u>Extracted</u> | <u>Date</u><br><u>Complete</u> | <u>Prep Method</u> |
|------------------------|----------------------|------------|--------------|----------------|---------------------------------|--------------------------------|--------------------|
| Benzene                | ND                   | 50         | ug/Kg (PPB)  | MR             | 8/21/2019                       | 8/26/2019                      | 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

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: SUMMIT PETROLEUM

PROJECT NO:

LOCATION: ROSEBUSH BIOCELL

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SB-4

GTA PROJECT NO: 082119-6

GTA SAMPLE NO: 4

DATE SAMPLED: 8/21/2019

TIME SAMPLED:

DATE RECEIVED: 8/21/2019

TIME RECEIVED: 2:10 PM

SAMPLED BY: DAN NIDA/SUMMIT

**EPA 8260B VOLATILE ORGANICS**

| <u>Analysis</u>        | <u>Concentration</u> | <u>LOD</u> | <u>Units</u>   | <u>Analyst</u> | <u>Date</u><br><u>Extracted</u> | <u>Date</u><br><u>Complete</u> | <u>Prep Method</u> |
|------------------------|----------------------|------------|----------------|----------------|---------------------------------|--------------------------------|--------------------|
| Benzene                | ND                   | 50         | ug/Kg (PPB) MR |                | 8/21/2019                       | 8/26/2019                      | 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 &lt; LOD

LOD = LIMIT OF DETECTION

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: SUMMIT PETROLEUM

PROJECT NO:

LOCATION: ROSEBUSH BIOCELL

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SB-5

GTA PROJECT NO: 082119-6

GTA SAMPLE NO: 5

DATE SAMPLED: 8/21/2019

TIME SAMPLED:

DATE RECEIVED: 8/21/2019

TIME RECEIVED: 2:10 PM

SAMPLED BY: DAN NIDA/SUMMIT

**EPA 8260B VOLATILE ORGANICS**

| <u>Analysis</u>        | <u>Concentration</u> | <u>LOD</u> | <u>Units</u>   | <u>Analyst</u> | <u>Date</u><br><u>Extracted</u> | <u>Date</u><br><u>Complete</u> | <u>Prep Method</u> |
|------------------------|----------------------|------------|----------------|----------------|---------------------------------|--------------------------------|--------------------|
| Benzene                | ND                   | 50         | ug/Kg (PPB) MR |                | 8/21/2019                       | 8/26/2019                      | 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 &lt; LOD

LOD = LIMIT OF DETECTION

COMPANY: SUMMIT PETROLEUM

GTA PROJECT NO: 082119-6

PROJECT NO:

GTA SAMPLE NO: 6

LOCATION: ROSEBUSH BIOCELL

DATE SAMPLED: 8/21/2019

TIME SAMPLED:

DATE RECEIVED: 8/21/2019

TIME RECEIVED: 2:10 PM

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SB-6

SAMPLED BY: DAN NIDA/SUMMIT

## EPA 8260B VOLATILE ORGANICS

| <u>Analysis</u>        | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date</u><br><u>Extracted</u> | <u>Date</u><br><u>Complete</u> | <u>Prep Method</u> |
|------------------------|----------------------|------------|--------------|----------------|---------------------------------|--------------------------------|--------------------|
| Benzene                | ND                   | 50         | ug/Kg (PPB)  | MR             | 8/21/2019                       | 8/26/2019                      | 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

COMPANY: SUMMIT PETROLEUM

GTA PROJECT NO: 082119-6

PROJECT NO:

GTA SAMPLE NO: 7

LOCATION: ROSEBUSH BIOCELL

DATE SAMPLED: 8/21/2019

TIME SAMPLED:

DATE RECEIVED: 8/21/2019

TIME RECEIVED: 2:10 PM

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SB-7

SAMPLED BY: DAN NIDA/SUMMIT

## EPA 8260B VOLATILE ORGANICS

| <u>Analysis</u>        | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date</u><br><u>Extracted</u> | <u>Date</u><br><u>Complete</u> | <u>Prep Method</u> |
|------------------------|----------------------|------------|--------------|----------------|---------------------------------|--------------------------------|--------------------|
| Benzene                | ND                   | 50         | ug/Kg (PPB)  | MR             | 8/21/2019                       | 8/26/2019                      | 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

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: SUMMIT PETROLEUM

PROJECT NO:

LOCATION: ROSEBUSH BIOCELL

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SB-8

GTA PROJECT NO: 082119-6

GTA SAMPLE NO: 8

DATE SAMPLED: 8/21/2019

TIME SAMPLED:

DATE RECEIVED: 8/21/2019

TIME RECEIVED: 2:10 PM

SAMPLED BY: DAN NIDA/SUMMIT

**EPA 8260B VOLATILE ORGANICS**

| <u>Analysis</u>        | <u>Concentration</u> | <u>LOD</u> | <u>Units</u>   | <u>Analyst</u> | <u>Date</u><br><u>Extracted</u> | <u>Date</u><br><u>Complete</u> | <u>Prep Method</u> |
|------------------------|----------------------|------------|----------------|----------------|---------------------------------|--------------------------------|--------------------|
| Benzene                | ND                   | 50         | ug/Kg (PPB) MR | MR             | 8/21/2019                       | 8/26/2019                      | 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 &lt; LOD

LOD = LIMIT OF DETECTION

COMPANY: SUMMIT PETROLEUM

GTA PROJECT NO: 082119-6

PROJECT NO:

GTA SAMPLE NO: 9

LOCATION: ROSEBUSH BIOCELL

DATE SAMPLED: 8/21/2019

TIME SAMPLED:

DATE RECEIVED: 8/21/2019

TIME RECEIVED: 2:10 PM

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SB-9

SAMPLED BY: DAN NIDA/SUMMIT

## EPA 8260B VOLATILE ORGANICS

| <u>Analysis</u>        | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date</u><br><u>Extracted</u> | <u>Date</u><br><u>Complete</u> | <u>Prep Method</u> |
|------------------------|----------------------|------------|--------------|----------------|---------------------------------|--------------------------------|--------------------|
| Benzene                | ND                   | 50         | ug/Kg (PPB)  | MR             | 8/21/2019                       | 8/26/2019                      | 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

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: SUMMIT PETROLEUM

PROJECT NO:

LOCATION: ROSEBUSH BIOCELL

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SB-10

GTA PROJECT NO: 082119-6

GTA SAMPLE NO: 10

DATE SAMPLED: 8/21/2019

TIME SAMPLED:

DATE RECEIVED: 8/21/2019

TIME RECEIVED: 2:10 PM

SAMPLED BY: DAN NIDA/SUMMIT

**EPA 8260B VOLATILE ORGANICS**

| <u>Analysis</u>        | <u>Concentration</u> | <u>LOD</u> | <u>Units</u>   | <u>Analyst</u> | <u>Date</u><br><u>Extracted</u> | <u>Date</u><br><u>Complete</u> | <u>Prep Method</u> |
|------------------------|----------------------|------------|----------------|----------------|---------------------------------|--------------------------------|--------------------|
| Benzene                | ND                   | 50         | ug/Kg (PPB) MR |                | 8/21/2019                       | 8/26/2019                      | 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 &lt; LOD

LOD = LIMIT OF DETECTION

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: SUMMIT PETROLEUM

PROJECT NO:

LOCATION: ROSEBUSH BIOCELL

MI  
SAMPLED BY: DAN NIDA/SUMMIT

GTA PROJECT NO: 082119-6

GTA SAMPLE NO: 1

DATE SAMPLED: 8/21/2019

TIME SAMPLED:

DATE RECEIVED: 8/21/2019

TIME RECEIVED: 2:10 PM

**SAMPLE ANALYSIS**

| <u>No:</u>         | <u>Analysis</u> | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date</u> | <u>Sample</u> |
|--------------------|-----------------|----------------------|------------|--------------|----------------|-------------|---------------|
| SAMPLE ID: SB-1    |                 |                      |            |              |                |             |               |
| CHLORIDE EPA 300.0 |                 | 290                  | 49         | mg/Kg (PPM)  | LV             | 8/29/2019   | SOIL          |

ND = NOT DETECTED, RESULT &lt; LOD

LOD = LIMIT OF DETECTION

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

COMPANY: SUMMIT PETROLEUM

PROJECT NO:

LOCATION: ROSEBUSH BIOCELL

MI  
SAMPLED BY: DAN NIDA/SUMMIT

GTA PROJECT NO: 082119-6

GTA SAMPLE NO: 2

DATE SAMPLED: 8/21/2019

TIME SAMPLED:

DATE RECEIVED: 8/21/2019

TIME RECEIVED: 2:10 PM

**SAMPLE ANALYSIS**

**No: Analysis**

SAMPLE ID: SB-2

CHLORIDE EPA 300.0

**Concentration**

ND

**LOD**

52

**Units**

mg/Kg (PPM) LV

**Analyst**

**Date**

8/29/2019

**Sample**

SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: SUMMIT PETROLEUM

PROJECT NO:

LOCATION: ROSEBUSH BIOCELL

MI

SAMPLED BY: DAN NIDA/SUMMIT

GTA PROJECT NO: 082119-6

GTA SAMPLE NO: 3

DATE SAMPLED: 8/21/2019

TIME SAMPLED:

DATE RECEIVED: 8/21/2019

TIME RECEIVED: 2:10 PM

**SAMPLE ANALYSIS**

**No: Analysis**

SAMPLE ID: SB-3

CHLORIDE EPA 300.0

**Concentration**

200

**LOD**

97

**Units**

mg/Kg (PPM) LV

**Analyst**

**Date**

8/29/2019

**Sample**

SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: SUMMIT PETROLEUM  
PROJECT NO:  
LOCATION: ROSEBUSH BIOCELL

GTA PROJECT NO: 082119-6  
GTA SAMPLE NO: 4

DATE SAMPLED: 8/21/2019  
TIME SAMPLED:  
DATE RECEIVED: 8/21/2019  
TIME RECEIVED: 2:10 PM

MI  
SAMPLED BY: DAN NIDA/SUMMIT

**SAMPLE ANALYSIS**

| <u>No:</u> | <u>Analysis</u>    | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date</u> | <u>Sample</u> |
|------------|--------------------|----------------------|------------|--------------|----------------|-------------|---------------|
|            | SAMPLE ID: SB-4    |                      |            |              |                |             |               |
|            | CHLORIDE EPA 300.0 | ND                   | 49         | mg/Kg (PPM)  | LV             | 8/29/2019   | SOIL          |

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

COMPANY: SUMMIT PETROLEUM

PROJECT NO:

LOCATION: ROSEBUSH BIOCELL

MI

SAMPLED BY: DAN NIDA/SUMMIT

GTA PROJECT NO: 082119-6

GTA SAMPLE NO: 5

DATE SAMPLED: 8/21/2019

TIME SAMPLED:

DATE RECEIVED: 8/21/2019

TIME RECEIVED: 2:10 PM

**SAMPLE ANALYSIS**

**No: Analysis**

SAMPLE ID: SB-5

CHLORIDE EPA 300.0

**Concentration**

ND

**LOD**

50

**Units**

mg/Kg (PPM) LV

**Analyst**

**Date**

8/29/2019

**Sample**

SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: SUMMIT PETROLEUM

PROJECT NO:

LOCATION: ROSEBUSH BIOCELL

MI

SAMPLED BY: DAN NIDA/SUMMIT

GTA PROJECT NO: 082119-6

GTA SAMPLE NO: 6

DATE SAMPLED: 8/21/2019

TIME SAMPLED:

DATE RECEIVED: 8/21/2019

TIME RECEIVED: 2:10 PM

**SAMPLE ANALYSIS**

**No: Analysis**

SAMPLE ID: SB-6

CHLORIDE EPA 300.0

**Concentration**

ND

**LOD**

51

**Units**

mg/Kg (PPM) LV

**Analyst**

**Date**

8/29/2019

**Sample**

SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: SUMMIT PETROLEUM

PROJECT NO:

LOCATION: ROSEBUSH BIOCELL

SAMPLED BY: MI  
DAN NIDA/SUMMIT

GTA PROJECT NO: 082119-6

GTA SAMPLE NO: 7

DATE SAMPLED: 8/21/2019

TIME SAMPLED:

DATE RECEIVED: 8/21/2019

TIME RECEIVED: 2:10 PM

**SAMPLE ANALYSIS**

| <u>No:</u> | <u>Analysis</u>    | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date</u> | <u>Sample</u> |
|------------|--------------------|----------------------|------------|--------------|----------------|-------------|---------------|
|            | SAMPLE ID: SB-7    |                      |            |              |                |             |               |
|            | CHLORIDE EPA 300.0 | ND                   | 52         | mg/Kg (PPM)  | LV             | 8/29/2019   | SOIL          |

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: SUMMIT PETROLEUM

PROJECT NO:

LOCATION: ROSEBUSH BIOCELL

MI

SAMPLED BY: DAN NIDA/SUMMIT

GTA PROJECT NO: 082119-6

GTA SAMPLE NO: 8

DATE SAMPLED: 8/21/2019

TIME SAMPLED:

DATE RECEIVED: 8/21/2019

TIME RECEIVED: 2:10 PM

**SAMPLE ANALYSIS**

**No: Analysis**

SAMPLE ID: SB-8

CHLORIDE EPA 300.0

**Concentration**

ND

**LOD**

49

**Units**

mg/Kg (PPM) LV

**Analyst**

**Date**

8/29/2019

**Sample**

SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: SUMMIT PETROLEUM

PROJECT NO:

LOCATION: ROSEBUSH BIOCELL

SAMPLED BY: MI  
DAN NIDA/SUMMIT

GTA PROJECT NO: 082119-6

GTA SAMPLE NO: 9

DATE SAMPLED: 8/21/2019

TIME SAMPLED:

DATE RECEIVED: 8/21/2019

TIME RECEIVED: 2:10 PM

**SAMPLE ANALYSIS**

| <u>No:</u> | <u>Analysis</u>    | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date</u> | <u>Sample</u> |
|------------|--------------------|----------------------|------------|--------------|----------------|-------------|---------------|
|            | SAMPLE ID: SB-9    |                      |            |              |                |             |               |
|            | CHLORIDE EPA 300.0 | 290                  | 54         | mg/Kg (PPM)  | LV             | 8/29/2019   | 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](http://www.gtanalytical.com)

COMPANY: SUMMIT PETROLEUM

PROJECT NO:

LOCATION: ROSEBUSH BIOCELL

MI  
SAMPLED BY: DAN NIDA/SUMMIT

GTA PROJECT NO: 082119-6

GTA SAMPLE NO: 10

DATE SAMPLED: 8/21/2019

TIME SAMPLED:

DATE RECEIVED: 8/21/2019

TIME RECEIVED: 2:10 PM

### SAMPLE ANALYSIS

| <u>No:</u> | <u>Analysis</u>    | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date</u> | <u>Sample</u> |
|------------|--------------------|----------------------|------------|--------------|----------------|-------------|---------------|
|            | SAMPLE ID: SB-10   |                      |            |              |                |             |               |
|            | CHLORIDE EPA 300.0 | 560                  | 55         | mg/Kg (PPM)  | LV             | 8/29/2019   | 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: SUMMIT PETROLEUM

GTA PROJECT NO: 082119-6

NAME:

SAMPLED BY: DAN NIDA/SUMMIT

PROJECT NO:

DATE SAMPLED: 8/21/2019

TIME SAMPLED:

LOCATION: ROSEBUSH BIOCELL

SAMPLE MATRIX: SOIL

DATE RECEIVED: 8/21/2019

TIME RECEIVED: 2:10 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: SB-1  | % MOISTURE EPA 3550C | 3.7                  | 0.050      | % OF SAMPLE  | AS             | 8/21/2019            |
| SAMPLE ID: SB-2  | % MOISTURE EPA 3550C | 5.7                  | 0.050      | % OF SAMPLE  | AS             | 8/21/2019            |
| SAMPLE ID: SB-3  | % MOISTURE EPA 3550C | 2.4                  | 0.050      | % OF SAMPLE  | AS             | 8/21/2019            |
| SAMPLE ID: SB-4  | % MOISTURE EPA 3550C | 2.9                  | 0.050      | % OF SAMPLE  | AS             | 8/21/2019            |
| SAMPLE ID: SB-5  | % MOISTURE EPA 3550C | 4.2                  | 0.050      | % OF SAMPLE  | AS             | 8/21/2019            |
| SAMPLE ID: SB-6  | % MOISTURE EPA 3550C | 4.1                  | 0.050      | % OF SAMPLE  | AS             | 8/21/2019            |
| SAMPLE ID: SB-7  | % MOISTURE EPA 3550C | 4.2                  | 0.050      | % OF SAMPLE  | AS             | 8/21/2019            |
| SAMPLE ID: SB-8  | % MOISTURE EPA 3550C | 1.9                  | 0.050      | % OF SAMPLE  | AS             | 8/21/2019            |
| SAMPLE ID: SB-9  | % MOISTURE EPA 3550C | 8.3                  | 0.050      | % OF SAMPLE  | AS             | 8/21/2019            |
| SAMPLE ID: SB-10 | % MOISTURE EPA 3550C | 11                   | 0.050      | % OF SAMPLE  | AS             | 8/21/2019            |

**CHAIN OF CUSTODY**

|                        |                                       |                           |
|------------------------|---------------------------------------|---------------------------|
| PROJECT NUMBER         | SITE NAME/ADDRESS<br>Rosebush Biocell | COMPANY/NAME<br>Summit    |
| SAMPLED BY<br>Dan Nida | COMPANY<br>Summit                     | GTA PROJECT #<br>082119-6 |

**SAMPLE INFORMATION**

| #  | SAMPLE ID | DATE SAMPLED | TIME | MATRIX | ANALYSIS             |
|----|-----------|--------------|------|--------|----------------------|
| 1  | SB-1      | 8/21/19      | -    | Soil   | BTEX + 4 + Chlorides |
| 2  | SB-2      |              |      |        |                      |
| 3  | SB-3      |              |      |        |                      |
| 4  | SB-4      |              |      |        |                      |
| 5  | SB-5      |              |      |        |                      |
| 6  | SB-6      |              |      |        |                      |
| 7  | SB-7      |              |      |        |                      |
| 8  | SB-8      |              |      |        |                      |
| 9  | SB-9      |              |      |        |                      |
| 10 | SB-10     |              |      |        |                      |
|    |           |              |      |        |                      |
|    |           |              |      |        |                      |
|    |           |              |      |        |                      |
|    |           |              |      |        |                      |
|    |           |              |      |        |                      |

**BILL TO:**

Summit Petroleum

**REPORT TO:**

Dan Nida - Summit  
Don Conway - GLCS

|                            |                              |                         |                            |
|----------------------------|------------------------------|-------------------------|----------------------------|
| RELEASED BY<br>Daniel Nida | DATE/TIME<br>8/21/19 @ 2:10p | RECEIVED BY<br>K. Allen | DATE/TIME<br>8/21/19 2:10p |
|                            |                              | for 1.22 on ice         |                            |

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