



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: LAMBDA ENERGY RESOURCES, LLC

Name:

ClientProj: 2018100167.03

GTA ProjNo: 111418-4

Site Addr: STATE LOUD B2-19

Sampled By: MIKE RANKENS/GCES

Date Rec: 11/15/2018

Time Rec: 12:15 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	SB-1 (10')	11/12/2018		SOIL
2	SB-1 (15')	11/12/2018		SOIL
3	SB-1 (20')	11/12/2018		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

COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100167.03
LOCATION: STATE LOUD B2-19
MI
SAMPLED BY: MIKE RANKENS/GCES

GTA PROJECT NO: 111418-4
GTA SAMPLE NO: 1
DATE SAMPLED: 11/12/2018
TIME SAMPLED:
DATE RECEIVED: 11/15/2018
TIME RECEIVED: 12:15 PM

INORGANICS

<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 (10')						
	CHLORIDE EPA 300.0	ND	27	mg/Kg (PPM)	LV	11/19/2018	SOIL

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100167.03
LOCATION: STATE LOUD B2-19
MI
SAMPLED BY: MIKE RANKENS/GCES

GTA PROJECT NO: 111418-4
GTA SAMPLE NO: 2
DATE SAMPLED: 11/12/2018
TIME SAMPLED:
DATE RECEIVED: 11/15/2018
TIME RECEIVED: 12:15 PM

INORGANICS

<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 (15')						
	CHLORIDE EPA 300.0	ND	25	mg/Kg (PPM)	LV	11/19/2018	SOIL

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100167.03
LOCATION: STATE LOUD B2-19
MI
SAMPLED BY: MIKE RANKENS/GCES

GTA PROJECT NO: 111418-4
GTA SAMPLE NO: 3
DATE SAMPLED: 11/12/2018
TIME SAMPLED:
DATE RECEIVED: 11/15/2018
TIME RECEIVED: 12:15 PM

INORGANICS

<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 (20')						
	CHLORIDE EPA 300.0	ND	25	mg/Kg (PPM)	LV	11/19/2018	SOIL

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

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 111418-4

NAME:

SAMPLED BY: MIKE RANKENS/GCES

PROJECT NO: 2018100167.03

DATE SAMPLED: 11/12/2018

TIME SAMPLED:

LOCATION: STATE LOUD B2-19

SAMPLE MATRIX: SOIL

DATE RECEIVED: 11/15/2018

TIME RECEIVED: 12:15 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 (10')	% MOISTURE EPA 3550C	16	0.050	% OF SAMPLE	AS	11/16/2018
SAMPLE ID: SB-1 (15')	% MOISTURE EPA 3550C	3.3	0.050	% OF SAMPLE	AS	11/16/2018
SAMPLE ID: SB-1 (20')	% MOISTURE EPA 3550C	5.7	0.050	% OF SAMPLE	AS	11/16/2018

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CHAIN OF CUSTODY

PROJECT NUMBER 201810016.7-03	SITE NAME/ADDRESS State Land B2-19	COMPANY/NAME Lambda Energy Resources, LLC
SAMPLED BY Mike Rankens	COMPANY GCES	GTA PROJECT # 111418-4

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	SB-1 (10')	11/12/18	-	Soil	Chloride
2	SB-1 (15')	11/12/18	-	Soil	Chloride
3	SB-1 (20')	11/12/18	-	Soil	Chloride

BILL TO:

GCES

REPORT TO:

JEFF SIMSA

RELEASED BY Mike Rankens	DATE/TIME 11/12/18 @ 1800	RECEIVED BY GCES Cold Storage	DATE/TIME 11/12/18 @ 1800
GCES Cold Storage	11/14/18 @ 1200	Mike Rankens	11/14/18 @ 1200
Mike Rankens	11/15/18 @ 1215	K. Chen	11/15/18 12:15p
REQUESTED TAT ☒ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS			