



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

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

Company: HRF EXPLORATION & PRODUCTION  
Name:  
ClientProj: 13.052  
GTA ProjNo: 110822-1

Site Addr: S. RUST 10C  
Sampled By: KWB/HURON  
Date Rec: 11/8/2022  
Time Rec: 12:45 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	TW-6	11/4/2022		WATER
2	TW-7	11/4/2022		WATER
3	TW-8	11/4/2022		WATER
4	TW-9	11/4/2022		WATER

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  
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COMPANY: HRF EXPLORATION & PRODUCTION  
 PROJECT NO: 13.052  
 LOCATION: S. RUST 10C

GTA PROJECT NO: 110822-1  
 GTA SAMPLE NO: 1  
 DATE SAMPLED: 11/4/2022  
 TIME SAMPLED:  
 DATE RECEIVED: 11/8/2022  
 TIME RECEIVED: 12:45 PM

MI  
 SAMPLED BY: KWB/HURON

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: TW-6 CHLORIDE EPA 300.0	780	10	mg/L (PPM)	KC	11/18/2022	WATER

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

COMPANY: HRF EXPLORATION & PRODUCTION  
 PROJECT NO: 13.052  
 LOCATION: S. RUST 10C

GTA PROJECT NO: 110822-1  
 GTA SAMPLE NO: 2  
 DATE SAMPLED: 11/4/2022  
 TIME SAMPLED:  
 DATE RECEIVED: 11/8/2022  
 TIME RECEIVED: 12:45 PM

MI  
 SAMPLED BY: KWB/HURON

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
SAMPLE ID: TW-7	CHLORIDE EPA 300.0	46	10	mg/L (PPM)	KC	11/18/2022	WATER

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

COMPANY: HRF EXPLORATION & PRODUCTION  
 PROJECT NO: 13.052  
 LOCATION: S. RUST 10C

GTA PROJECT NO: 110822-1  
 GTA SAMPLE NO: 3  
 DATE SAMPLED: 11/4/2022  
 TIME SAMPLED:  
 DATE RECEIVED: 11/8/2022  
 TIME RECEIVED: 12:45 PM

SAMPLED BY: MI  
 KWB/HURON

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
SAMPLE ID: TW-8	CHLORIDE EPA 300.0	1,800	50	mg/L (PPM)	KC	11/18/2022	WATER

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

COMPANY: HRF EXPLORATION & PRODUCTION  
 PROJECT NO: 13.052  
 LOCATION: S. RUST 10C

GTA PROJECT NO: 110822-1  
 GTA SAMPLE NO: 4  
 DATE SAMPLED: 11/4/2022  
 TIME SAMPLED:  
 DATE RECEIVED: 11/8/2022  
 TIME RECEIVED: 12:45 PM

MI  
 SAMPLED BY: KWB/HURON

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
SAMPLE ID: TW-9	CHLORIDE EPA 300.0	870	10	mg/L (PPM)	KC	11/18/2022	WATER

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


**CHAIN OF CUSTODY**

PROJECT NUMBER <b>13.052</b>	SITE NAME/ADDRESS <b>S RUST 10 C</b>	COMPANY/NAME <b>HRF Exploration &amp; Production</b>
SAMPLED BY <b>Kim Wallis Burke</b>		COMPANY <b>Huron Engineering and Surveying</b>
		GTA PROJECT # <b>110822-1</b>

**SAMPLE INFORMATION**

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
	<b>TW 6</b>	<b>11/4/22</b>		<b>GW</b>	<b>Chloride 2.59 ms/cm</b>
	<b>TW 7</b>	<b>11/4/22</b>		<b>GW</b>	<b>" 0.65 "</b>
	<b>TW 8</b>	<b>11/4/22</b>		<b>GW</b>	<b>" 5.68 uWS "</b>
	<b>TW 9 *</b>	<b>11/4/22</b>		<b>GW</b>	<b>" 2.81 "</b>
	<b>*almost dry</b>				

BILL TO: <b>uwb @ Huron</b>	REPORT TO:
<b>*Results Kim. Wallis-burke@huronesi.com</b>	

RELEASED BY	DATE/TIME	RECEIVED BY	DATE/TIME
<b>Kimberly Wallis Burke</b>		<b>Alpena UPS</b>	<b>11/7/22</b>
			<b>11/8/22 12:45</b>

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