



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: HRF EXPLORATION & PRODUCTION
Name:
ClientProj: 13.052
GTA ProjNo: 040324-15

Site Addr: SOUTH RUST 10C

Sampled By: KWB/BB - HURON
Date Rec: 4/3/2024
Time Rec: 11:25 AM

| Sample No. | Sample ID | Date Sampled | Time Sampled | Sample Matrix |
|------------|-----------|--------------|--------------|---------------|
| 1 | MW-1 | 3/29/2024 | | WATER |
| 2 | MW-2 | 3/29/2024 | | WATER |
| 3 | MW-3 | 3/29/2024 | | WATER |
| 4 | MW-4 | 3/29/2024 | | WATER |
| 5 | MW-5 | 3/29/2024 | | WATER |
| 6 | MW-6 | 3/29/2024 | | WATER |
| 7 | MW-7 | 3/29/2024 | | WATER |
| 8 | MW-8 | 3/29/2024 | | WATER |
| 9 | TW-1 | 3/29/2024 | | WATER |
| 10 | TW-2 | 3/29/2024 | | WATER |
| 11 | TW-3 | 3/29/2024 | | WATER |
| 12 | TW-4 | 3/29/2024 | | WATER |
| 13 | TW-5 | 3/29/2024 | | WATER |
| 14 | TW-6 | 3/29/2024 | | WATER |
| 15 | TW-7 | 3/29/2024 | | WATER |
| 16 | TW-8 | 3/29/2024 | | WATER |
| 17 | TW-9 | 3/29/2024 | | 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
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: HRF EXPLORATION & PRODUCTION
 PROJECT NO: 13.052
 LOCATION: SOUTH RUST 10C

GTA PROJECT NO: 040324-15
 GTA SAMPLE NO: 1
 DATE SAMPLED: 3/29/2024
 TIME SAMPLED:
 DATE RECEIVED: 4/3/2024
 TIME RECEIVED: 11:25 AM

MI
 SAMPLED BY: KWB/BB - 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: MW-1 CHLORIDE EPA 300.0 | ND | 10 | mg/L (PPM) | KC/TR | 4/16/2024 | 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: SOUTH RUST 10C

GTA PROJECT NO: 040324-15
 GTA SAMPLE NO: 2
 DATE SAMPLED: 3/29/2024
 TIME SAMPLED:
 DATE RECEIVED: 4/3/2024
 TIME RECEIVED: 11:25 AM

MI
 SAMPLED BY: KWB/BB - 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: MW-2 CHLORIDE EPA 300.0 | 180 | 10 | mg/L (PPM) | KC/TR | 4/16/2024 | 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: SOUTH RUST 10C

GTA PROJECT NO: 040324-15
 GTA SAMPLE NO: 3
 DATE SAMPLED: 3/29/2024
 TIME SAMPLED:
 DATE RECEIVED: 4/3/2024
 TIME RECEIVED: 11:25 AM

MI
 SAMPLED BY: KWB/BB - 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: MW-3 CHLORIDE EPA 300.0 | 57 | 10 | mg/L (PPM) | KC/TR | 4/16/2024 | WATER |

ND = NOT DETECTED, RESULT < LOD
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COMPANY: HRF EXPLORATION & PRODUCTION
 PROJECT NO: 13.052
 LOCATION: SOUTH RUST 10C

GTA PROJECT NO: 040324-15
 GTA SAMPLE NO: 4
 DATE SAMPLED: 3/29/2024
 TIME SAMPLED:
 DATE RECEIVED: 4/3/2024
 TIME RECEIVED: 11:25 AM

MI
 SAMPLED BY: KWB/BB - 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: MW-4 CHLORIDE EPA 300.0 | 110 | 10 | mg/L (PPM) | KC/TR | 4/16/2024 | WATER |

ND = NOT DETECTED, RESULT < LOD
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COMPANY: HRF EXPLORATION & PRODUCTION
 PROJECT NO: 13.052
 LOCATION: SOUTH RUST 10C

GTA PROJECT NO: 040324-15
 GTA SAMPLE NO: 5
 DATE SAMPLED: 3/29/2024
 TIME SAMPLED:
 DATE RECEIVED: 4/3/2024
 TIME RECEIVED: 11:25 AM

MI
 SAMPLED BY: KWB/BB - 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: MW-5 CHLORIDE EPA 300.0 | 18 | 10 | mg/L (PPM) | KC/TR | 4/16/2024 | WATER |

ND = NOT DETECTED, RESULT < LOD
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COMPANY: HRF EXPLORATION & PRODUCTION
 PROJECT NO: 13.052
 LOCATION: SOUTH RUST 10C

GTA PROJECT NO: 040324-15
 GTA SAMPLE NO: 6
 DATE SAMPLED: 3/29/2024
 TIME SAMPLED:
 DATE RECEIVED: 4/3/2024
 TIME RECEIVED: 11:25 AM

MI
 SAMPLED BY: KWB/BB - 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: MW-6 CHLORIDE EPA 300.0 | 45 | 10 | mg/L (PPM) | KC/TR | 4/16/2024 | 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: SOUTH RUST 10C

GTA PROJECT NO: 040324-15
 GTA SAMPLE NO: 7
 DATE SAMPLED: 3/29/2024
 TIME SAMPLED:
 DATE RECEIVED: 4/3/2024
 TIME RECEIVED: 11:25 AM

MI
 SAMPLED BY: KWB/BB - 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: MW-7 CHLORIDE EPA 300.0 | ND | 10 | mg/L (PPM) | KC/TR | 4/16/2024 | WATER |

ND = NOT DETECTED, RESULT < LOD
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COMPANY: HRF EXPLORATION & PRODUCTION
 PROJECT NO: 13.052
 LOCATION: SOUTH RUST 10C

GTA PROJECT NO: 040324-15
 GTA SAMPLE NO: 8
 DATE SAMPLED: 3/29/2024
 TIME SAMPLED:
 DATE RECEIVED: 4/3/2024
 TIME RECEIVED: 11:25 AM

MI
 SAMPLED BY: KWB/BB - 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: MW-8 CHLORIDE EPA 300.0 | ND | 10 | mg/L (PPM) | KC/TR | 4/16/2024 | 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: SOUTH RUST 10C
 MI
 SAMPLED BY: KWB/BB - HURON

GTA PROJECT NO: 040324-15
 GTA SAMPLE NO: 9
 DATE SAMPLED: 3/29/2024
 TIME SAMPLED:
 DATE RECEIVED: 4/3/2024
 TIME RECEIVED: 11:25 AM

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-1 CHLORIDE EPA 300.0 | ND | 10 | mg/L (PPM) | KC/TR | 4/16/2024 | WATER |

ND = NOT DETECTED, RESULT < LOD
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COMPANY: HRF EXPLORATION & PRODUCTION
 PROJECT NO: 13.052
 LOCATION: SOUTH RUST 10C

GTA PROJECT NO: 040324-15
 GTA SAMPLE NO: 10
 DATE SAMPLED: 3/29/2024
 TIME SAMPLED:
 DATE RECEIVED: 4/3/2024
 TIME RECEIVED: 11:25 AM

SAMPLED BY: MI
 KWB/BB - 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-2 CHLORIDE EPA 300.0 | 44 | 10 | mg/L (PPM) | KC/TR | 4/16/2024 | 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: SOUTH RUST 10C

GTA PROJECT NO: 040324-15
 GTA SAMPLE NO: 11
 DATE SAMPLED: 3/29/2024
 TIME SAMPLED:
 DATE RECEIVED: 4/3/2024
 TIME RECEIVED: 11:25 AM

MI
 SAMPLED BY: KWB/BB - 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-3 CHLORIDE EPA 300.0 | 26 | 10 | mg/L (PPM) | KC/TR | 4/16/2024 | 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: SOUTH RUST 10C
 MI
 SAMPLED BY: KWB/BB - HURON

GTA PROJECT NO: 040324-15
 GTA SAMPLE NO: 12
 DATE SAMPLED: 3/29/2024
 TIME SAMPLED:
 DATE RECEIVED: 4/3/2024
 TIME RECEIVED: 11:25 AM

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-4 CHLORIDE EPA 300.0 | 38 | 10 | mg/L (PPM) | KC/TR | 4/16/2024 | 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: SOUTH RUST 10C

GTA PROJECT NO: 040324-15
 GTA SAMPLE NO: 13
 DATE SAMPLED: 3/29/2024
 TIME SAMPLED:
 DATE RECEIVED: 4/3/2024
 TIME RECEIVED: 11:25 AM

MI
 SAMPLED BY: KWB/BB - 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-5 CHLORIDE EPA 300.0 | ND | 10 | mg/L (PPM) | KC/TR | 4/16/2024 | 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: SOUTH RUST 10C
 MI
 SAMPLED BY: KWB/BB - HURON

GTA PROJECT NO: 040324-15
 GTA SAMPLE NO: 14
 DATE SAMPLED: 3/29/2024
 TIME SAMPLED:
 DATE RECEIVED: 4/3/2024
 TIME RECEIVED: 11:25 AM

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 | 100 | 10 | mg/L (PPM) | KC/TR | 4/16/2024 | 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: SOUTH RUST 10C

GTA PROJECT NO: 040324-15
 GTA SAMPLE NO: 15
 DATE SAMPLED: 3/29/2024
 TIME SAMPLED:
 DATE RECEIVED: 4/3/2024
 TIME RECEIVED: 11:25 AM

MI
 SAMPLED BY: KWB/BB - 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 | ND | 10 | mg/L (PPM) | KC/TR | 4/17/2024 | WATER |

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



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

GTA PROJECT NO: 040324-15
 GTA SAMPLE NO: 16
 DATE SAMPLED: 3/29/2024
 TIME SAMPLED:
 DATE RECEIVED: 4/3/2024
 TIME RECEIVED: 11:25 AM

SAMPLED BY: MI
 KWB/BB - 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 | 49 | 10 | mg/L (PPM) | KC/TR | 4/17/2024 | 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: SOUTH RUST 10C

GTA PROJECT NO: 040324-15
 GTA SAMPLE NO: 17
 DATE SAMPLED: 3/29/2024
 TIME SAMPLED:
 DATE RECEIVED: 4/3/2024
 TIME RECEIVED: 11:25 AM

MI
 SAMPLED BY: KWB/BB - 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 | 18 | 10 | mg/L (PPM) | KC/TR | 4/17/2024 | WATER |

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

CHAIN OF CUSTODY

| | | |
|--|--|--|
| PROJECT NUMBER 13.052 | SITE NAME/ADDRESS South Rust 10C | COMPANY/NAME HRF Exploration and Production |
| SAMPLED BY Kim Wallis Burke & Brett Burke | COMPANY Huron Engineering & Surveying | GTA PROJECT # 040324-15 |

SAMPLE INFORMATION

| # | SAMPLE ID | DATE SAMPLED | TIME | MATRIX | ANALYSIS | Field Cond. ms/cm |
|----|-----------|--------------|------|--------|----------|-------------------|
| 1 | MW 1 | 3/29/24 | | Water | Chloride | 0.49 |
| 2 | MW 2 | " | | " | | 0.98 |
| 3 | MW 3 | " | | " | | 0.54 |
| 4 | MW 4 | " | | " | | 0.69 |
| 5 | MW 5 | " | | " | | 0.42 |
| 6 | MW 6 | " | | " | | 0.61 |
| 7 | MW 7 | " | | " | | 0.24 |
| 8 | MW 8 | " | | " | | 0.48 |
| 9 | TW 1 | " | | " | | 0.25 |
| 10 | TW 2 | " | | " | | 0.48 |
| 11 | TW 3 | " | | " | | 0.36 |
| 12 | TW 4 | " | | " | | 0.53 |
| 13 | TW 5 | " | | " | | 0.20 |
| 14 | TW 6 | " | | " | | 0.64 |
| 15 | TW 7 | " | | " | | 0.41 |

| | | | |
|-----------------------|-----------------------------------|---|-------------------------|
| BILL TO: KWB Huron | TempRec: <input type="checkbox"/> | On Ice? <input type="checkbox"/> <input type="checkbox"/> | REPORT TO: KWB Huron |
|-----------------------|-----------------------------------|---|-------------------------|

| | | | |
|--------------------------------------|-----------|---------------------------|---------------------|
| RELEASED BY Kimberly Wallis Burke | DATE/TIME | RECEIVED BY Alpena OPS | DATE/TIME 4/2/24 |
| | | | 4/3/24 11:25 |

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

