

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

July 10, 2018

Brent Everett
Tasman Geosciences
6899 Pecos St, Unit C
Denver, CO 80221
RE: Hoffman 1836

Enclosed are the results of analyses for samples received by Summit Scientific on 07/03/18 16:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Paul Shrewsbury For Ben Shrewsbury
Laboratory Manager



Tasman Geosciences
6899 Pecos St, Unit C
Denver CO, 80221

Project: Hoffman 1836

Project Number: [none]
Project Manager: Brent Everett

Reported:
07/10/18 08:09

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|--------------------|---------------|--------|----------------|----------------|
| SS01@0.5' - 070318 | 1807033-01 | Soil | 07/03/18 12:30 | 07/03/18 16:00 |

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

1807033

Summit Scientific

741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933 Fax

Page 1 of 1

Client: Tasman / Foundation
Address: 6899 Pecos St Unit C
City/State/Zip: Denver CO 80221
Phone: 303-487-1223 Fax: _____
Sampler Name: B. Everett

Project Manager: Brent Everett / Alyss Beard
E-Mail: beverett@tasman-gas.com / abeard@foundationenergy.com
Project Name: Hoffman 1836
Project Number: _____

| Sample Description | Date Sampled | Time Sampled | Number of Containers | Preservative | | | | Matrix | | | Analyze For: | | | | | Special Instructions | | |
|----------------------|------------------------------|---------------------|------------------------------|---|--------------------------|----------|--------------------------|-------------|--------------------------|-------------------------|-------------------------------------|---------------|-----|----|----|----------------------|-----|--|
| | | | | HCl | HNO ₃ | None | Other (Specify) | Groundwater | Soil | Air - Canister Serial # | Other (Specify) | GDTEX | DR6 | PH | EC | | SAR | |
| S501 @ 0.5' 070318 | 7/3/18 | 1230 | 1 | | | | | | X | | | X | X | X | X | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| Relinquished by: | Date/Time: | Received by: | Date/Time: | Turn Around Time (Check) | | | | | Notes: | | | | | | | | | |
| <u>Brent Everett</u> | <u>7/3/18</u> <u>1600</u> | <u>[Signature]</u> | <u>7.3.18</u> <u>1600</u> | Same Day | <input type="checkbox"/> | 72 Hours | <input type="checkbox"/> | 24 Hours | <input type="checkbox"/> | Standard | <input checked="" type="checkbox"/> | <u>on ice</u> | | | | | | |
| Relinquished by: | Date/Time: | Received by: | Date/Time: | 48 Hours | <input type="checkbox"/> | | | | | | | | | | | | | |
| Relinquished by: | Date/Time: | Received in Lab by: | Date/Time: | Sample Integrity: | | | | | | | | | | | | | | |
| | | | | Temperature Upon Receipt: <u>100</u> | | | | | | | | | | | | | | |
| | | | | Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | | | | | | | | | | | | | |

Sample Receipt Checklist

S2 Work Order: 1807033

Client: Tasman / Foundation Client Project ID: Hoffman 1836

Shipped Via: Pickup (UPS, FedEx, Hand Delivered, Pick-up, etc.) Airbill #: _____

Matrix (check all that apply): Air Soil/Solid Water Other: _____ (Describe)

| | |
|-----------|-------------|
| Temp (°C) | <u>12.0</u> |
|-----------|-------------|

Thermometer ID: 61857155-K

| | Yes | No | N/A | Comments (if any) |
|--|-------------------------------------|--------------------------|-------------------------------------|-------------------|
| If samples require cooling, was the temperature at 4°C +/- 2°C ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| NOTE: If samples are delivered the same day of sampling, this requirement is met provided that there is evidence that cooling has begun. | | | | |
| Were all samples received intact ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Was adequate sample volume provided ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| If custody seals are present, are they intact ⁽¹⁾ ? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are samples with holding times due within 48 hours sample due within 48 hours present? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| For volatiles in water – is there headspace present? If yes, contact client and note in narrative. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect | | | | |
| If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Record the pH in Comments. | | | | |
| If dissolved metals are requested, were samples field filtered? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Additional Comments (if any): | | | | |
| | | | | |
| | | | | |

⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative.

WP
Custodian Printed Name or Initials

[Signature]
Signature or Initials of Custodian

7.3.18 1845
Date/Time



Tasman Geosciences
6899 Pecos St, Unit C
Denver CO, 80221

Project: Hoffman 1836

Project Number: [none]
Project Manager: Brent Everett

Reported:
07/10/18 08:09

SS01@0.5' - 070318
1807033-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/03/18 12:30**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Benzene | ND | 0.0020 | mg/kg | 1 | 1807041 | 07/05/18 | 07/06/18 | EPA 8260B | |
| Toluene | ND | 0.0050 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.0050 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.010 | " | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | ND | 0.50 | " | " | " | " | " | " | |

Date Sampled: **07/03/18 12:30**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 109 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 106 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 107 % | 21-167 | | " | " | " | " | |

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/03/18 12:30**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| C10-C28 (DRO) | ND | 50 | mg/kg | 1 | 1807040 | 07/05/18 | 07/06/18 | EPA 8015M | |

Date Sampled: **07/03/18 12:30**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: o-Terphenyl | | 85.0 % | 30-150 | | " | " | " | " | |

Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis

Date Sampled: **07/03/18 12:30**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------|-------------|-----------------|-----------|----------|---------|----------|----------|-----------|-------|
| Calcium | 6110 | 11.6 | mg/kg dry | 1 | 1807061 | 07/06/18 | 07/07/18 | EPA 6020B | |
| Magnesium | 361 | 5.81 | " | " | " | " | " | " | |

Summit Scientific

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Tasman Geosciences
6899 Pecos St, Unit C
Denver CO, 80221

Project: Hoffman 1836

Project Number: [none]
Project Manager: Brent Everett

Reported:
07/10/18 08:09

SS01@0.5' - 070318
1807033-01 (Soil)

Summit Scientific

Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis

| | | | | | | | |
|---------------|-------------|----------------|---|---------|----------|----------|-----------|
| Sodium | 1610 | 5.81 mg/kg dry | 1 | 1807061 | 07/06/18 | 07/07/18 | EPA 6020B |
|---------------|-------------|----------------|---|---------|----------|----------|-----------|

Calculated Analysis

Date Sampled: **07/03/18 12:30**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--------------------------------|-------------|-----------------|-------|----------|---------|----------|----------|-------------|-------|
| Sodium Adsorption Ratio | 5.41 | 0.100 | units | 1 | 1807072 | 07/08/18 | 07/09/18 | Calculation | |

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **07/03/18 12:30**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------|-------------|-----------------|----------|----------|---------|----------|----------|-------------|-------|
| % Solids | 86.1 | | % | 1 | 1807045 | 07/05/18 | 07/05/18 | Calculation | |
| pH | 8.29 | | pH Units | " | 1807069 | 07/06/18 | 07/06/18 | EPA 9045D | |

Specific Conductance by EPA Method 120.1

Date Sampled: **07/03/18 12:30**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|-------------|-----------------|----------|----------|---------|----------|----------|-----------|-------|
| Specific Conductance (EC) | 4.63 | 0.0100 | mmhos/cm | 1 | 1807070 | 07/06/18 | 07/06/18 | EPA 120.1 | |

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Tasman Geosciences
6899 Pecos St, Unit C
Denver CO, 80221

Project: Hoffman 1836

Project Number: [none]
Project Manager: Brent Everett

Reported:
07/10/18 08:09

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

| Analyte | Reporting | | | Spike | Source | %REC | | RPD | | Notes |
|---------|-----------|-------|-------|-------|--------|------|--------|-----|-------|-------|
| | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | |

Batch 1807041 - EPA 5030 Soil MS

Blank (1807041-BLK1)

Prepared & Analyzed: 07/05/18

| | | | | | | | | | | |
|---|---------------|--------|----------|---------------|--|------------|---------------|--|--|--|
| Benzene | ND | 0.0020 | mg/kg | | | | | | | |
| Toluene | ND | 0.0050 | " | | | | | | | |
| Ethylbenzene | ND | 0.0050 | " | | | | | | | |
| Xylenes (total) | ND | 0.010 | " | | | | | | | |
| Gasoline Range Hydrocarbons | ND | 0.50 | " | | | | | | | |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | <i>0.0402</i> | | <i>"</i> | <i>0.0396</i> | | <i>102</i> | <i>23-173</i> | | | |
| <i>Surrogate: Toluene-d8</i> | <i>0.0408</i> | | <i>"</i> | <i>0.0400</i> | | <i>102</i> | <i>20-170</i> | | | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | <i>0.0416</i> | | <i>"</i> | <i>0.0400</i> | | <i>104</i> | <i>21-167</i> | | | |

LCS (1807041-BS1)

Prepared & Analyzed: 07/05/18

| | | | | | | | | | | |
|---|---------------|--------|----------|---------------|--|------------|---------------|--|--|--|
| Benzene | 0.105 | 0.0020 | mg/kg | 0.100 | | 105 | 70-130 | | | |
| Toluene | 0.109 | 0.0050 | " | 0.100 | | 109 | 70-130 | | | |
| Ethylbenzene | 0.114 | 0.0050 | " | 0.100 | | 114 | 70-130 | | | |
| m,p-Xylene | 0.208 | 0.010 | " | 0.200 | | 104 | 70-130 | | | |
| o-Xylene | 0.100 | 0.0050 | " | 0.100 | | 100 | 70-130 | | | |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | <i>0.0398</i> | | <i>"</i> | <i>0.0396</i> | | <i>101</i> | <i>23-173</i> | | | |
| <i>Surrogate: Toluene-d8</i> | <i>0.0426</i> | | <i>"</i> | <i>0.0400</i> | | <i>106</i> | <i>20-170</i> | | | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | <i>0.0429</i> | | <i>"</i> | <i>0.0400</i> | | <i>107</i> | <i>21-167</i> | | | |

Matrix Spike (1807041-MS1)

Source: 1807032-01

Prepared & Analyzed: 07/05/18

| | | | | | | | | | | |
|---|---------------|--------|----------|---------------|----|------------|---------------|--|--|--|
| Benzene | 0.104 | 0.0020 | mg/kg | 0.100 | ND | 104 | 70-130 | | | |
| Toluene | 0.107 | 0.0050 | " | 0.100 | ND | 107 | 70-130 | | | |
| Ethylbenzene | 0.118 | 0.0050 | " | 0.100 | ND | 118 | 70-130 | | | |
| m,p-Xylene | 0.216 | 0.010 | " | 0.200 | ND | 108 | 70-130 | | | |
| o-Xylene | 0.102 | 0.0050 | " | 0.100 | ND | 102 | 70-130 | | | |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | <i>0.0404</i> | | <i>"</i> | <i>0.0396</i> | | <i>102</i> | <i>23-173</i> | | | |
| <i>Surrogate: Toluene-d8</i> | <i>0.0423</i> | | <i>"</i> | <i>0.0400</i> | | <i>106</i> | <i>20-170</i> | | | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | <i>0.0423</i> | | <i>"</i> | <i>0.0400</i> | | <i>106</i> | <i>21-167</i> | | | |

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Tasman Geosciences
6899 Pecos St, Unit C
Denver CO, 80221

Project: Hoffman 1836

Project Number: [none]
Project Manager: Brent Everett

Reported:
07/10/18 08:09

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Summit Scientific

| Analyte | Reporting | | | Spike | Source | %REC | | | RPD | Notes |
|---------|-----------|-------|-------|-------|--------|------|--------|-----|-------|-------|
| | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | |

Batch 1807041 - EPA 5030 Soil MS

| Matrix Spike Dup (1807041-MSD1) | Source: 1807032-01 | | | Prepared & Analyzed: 07/05/18 | | | | | | |
|---|---------------------------|--------|----------|--|----|------------|---------------|------|----|--|
| Benzene | 0.112 | 0.0020 | mg/kg | 0.100 | ND | 112 | 70-130 | 7.59 | 30 | |
| Toluene | 0.114 | 0.0050 | " | 0.100 | ND | 114 | 70-130 | 6.28 | 30 | |
| Ethylbenzene | 0.127 | 0.0050 | " | 0.100 | ND | 127 | 70-130 | 7.78 | 30 | |
| m,p-Xylene | 0.232 | 0.010 | " | 0.200 | ND | 116 | 70-130 | 7.37 | 30 | |
| o-Xylene | 0.110 | 0.0050 | " | 0.100 | ND | 110 | 70-130 | 7.42 | 30 | |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | <i>0.0423</i> | | <i>"</i> | <i>0.0396</i> | | <i>107</i> | <i>23-173</i> | | | |
| <i>Surrogate: Toluene-d8</i> | <i>0.0408</i> | | <i>"</i> | <i>0.0400</i> | | <i>102</i> | <i>20-170</i> | | | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | <i>0.0420</i> | | <i>"</i> | <i>0.0400</i> | | <i>105</i> | <i>21-167</i> | | | |

Summit Scientific

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Tasman Geosciences
6899 Pecos St, Unit C
Denver CO, 80221

Project: Hoffman 1836

Project Number: [none]
Project Manager: Brent Everett

Reported:
07/10/18 08:09

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

| Analyte | Result | Reporting | | Spike Level | Source Result | %REC | | RPD | | Notes |
|---------|--------|-----------|-------|-------------|---------------|------|--------|-----|-------|-------|
| | | Limit | Units | | | %REC | Limits | RPD | Limit | |

Batch 1807040 - EPA 3550A

| | | | | | | | | | | |
|--|-----|----|-------|-------------------------------|------|-------------------------------|-------|--|----|--|
| Blank (1807040-BLK1) | | | | Prepared & Analyzed: 07/05/18 | | | | | | |
| C10-C28 (DRO) | ND | 50 | mg/kg | | | | | | | |
| LCS (1807040-BS1) | | | | Prepared & Analyzed: 07/05/18 | | | | | | |
| C10-C28 (DRO) | 464 | 50 | mg/kg | | | 70-130 | | | | |
| Matrix Spike (1807040-MS1) | | | | Source: 1807032-01 | | Prepared & Analyzed: 07/05/18 | | | | |
| C10-C28 (DRO) | 452 | 50 | mg/kg | | 24.9 | 70-130 | | | | |
| Matrix Spike Dup (1807040-MSD1) | | | | Source: 1807032-01 | | Prepared & Analyzed: 07/05/18 | | | | |
| C10-C28 (DRO) | 448 | 50 | mg/kg | | 24.9 | 70-130 | 0.946 | | 20 | |

Summit Scientific

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Tasman Geosciences
6899 Pecos St, Unit C
Denver CO, 80221

Project: Hoffman 1836

Project Number: [none]
Project Manager: Brent Everett

Reported:
07/10/18 08:09

Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis - Quality Control
Summit Scientific

| Analyte | Reporting | | | Spike | Source | | %REC | | RPD | | Notes |
|---------|-----------|-------|-------|-------|--------|------|--------|-----|-------|--|-------|
| | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | | |

Batch 1807061 - General Preparation

Blank (1807061-BLK1)

Prepared: 07/06/18 Analyzed: 07/07/18

| | | | | | | | | | | |
|-----------|----|------|-----------|--|--|--|--|--|--|--|
| Calcium | ND | 10.0 | mg/kg wet | | | | | | | |
| Magnesium | ND | 5.00 | " | | | | | | | |
| Sodium | ND | 5.00 | " | | | | | | | |

LCS (1807061-BS1)

Prepared: 07/06/18 Analyzed: 07/07/18

| | | | | | | | | | | |
|-----------|-----|------|-----------|-----|--|------|--------|--|--|--|
| Calcium | 487 | 10.0 | mg/kg wet | 500 | | 97.4 | 70-130 | | | |
| Magnesium | 500 | 5.00 | " | 500 | | 100 | 70-130 | | | |
| Sodium | 503 | 5.00 | " | 500 | | 101 | 70-130 | | | |

Duplicate (1807061-DUP1)

Source: 1807032-01

Prepared: 07/06/18 Analyzed: 07/07/18

| | | | | | | | | | | |
|-----------|------|------|-----------|--|------|--|--|------|----|--|
| Calcium | 801 | 11.1 | mg/kg dry | | 695 | | | 14.2 | 20 | |
| Magnesium | 189 | 5.55 | " | | 171 | | | 10.5 | 20 | |
| Sodium | 88.6 | 5.55 | " | | 90.1 | | | 1.68 | 20 | |

Matrix Spike (1807061-MS1)

Source: 1807032-01

Prepared: 07/06/18 Analyzed: 07/07/18

| | | | | | | | | | | |
|-----------|------|------|-----------|-----|------|------|--------|--|--|--|
| Calcium | 1270 | 11.1 | mg/kg dry | 555 | 695 | 103 | 70-130 | | | |
| Magnesium | 733 | 5.55 | " | 555 | 171 | 101 | 70-130 | | | |
| Sodium | 608 | 5.55 | " | 555 | 90.1 | 93.3 | 70-130 | | | |

Matrix Spike Dup (1807061-MSD1)

Source: 1807032-01

Prepared: 07/06/18 Analyzed: 07/07/18

| | | | | | | | | | | |
|-----------|------|------|-----------|-----|------|------|--------|------|----|--|
| Calcium | 1380 | 11.1 | mg/kg dry | 555 | 695 | 124 | 70-130 | 8.46 | 25 | |
| Magnesium | 782 | 5.55 | " | 555 | 171 | 110 | 70-130 | 6.48 | 25 | |
| Sodium | 623 | 5.55 | " | 555 | 90.1 | 96.1 | 70-130 | 2.51 | 25 | |

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Tasman Geosciences
6899 Pecos St, Unit C
Denver CO, 80221

Project: Hoffman 1836

Project Number: [none]
Project Manager: Brent Everett

Reported:
07/10/18 08:09

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control
Summit Scientific

| Analyte | Reporting | | | Spike | Source | %REC | | | RPD | Notes |
|---------|-----------|-------|-------|-------|--------|------|--------|-----|-------|-------|
| | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | |

Batch 1807045 - General Preparation

| Duplicate (1807045-DUP1) | | Source: 1807032-01 | | Prepared & Analyzed: 07/05/18 | |
|---------------------------------|------|---------------------------|--|--|---------|
| % Solids | 97.5 | % | | 90.1 | 7.90 20 |

Batch 1807069 - General Preparation

| LCS (1807069-BS1) | | | | Prepared & Analyzed: 07/06/18 | |
|---------------------------------|-----|---------------------------|--|--|-------------|
| pH | 9.2 | pH Units | | 9.18 | 99.8 95-105 |
| Duplicate (1807069-DUP1) | | Source: 1807062-01 | | Prepared & Analyzed: 07/06/18 | |
| pH | 7.8 | pH Units | | 8.0 | 2.65 20 |

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Tasman Geosciences
6899 Pecos St, Unit C
Denver CO, 80221

Project: Hoffman 1836

Project Number: [none]
Project Manager: Brent Everett

Reported:
07/10/18 08:09

Specific Conductance by EPA Method 120.1 - Quality Control
Summit Scientific

| Analyte | Result | Reporting | | Spike | Source | %REC | | RPD | | Notes |
|---------|--------|-----------|-------|-------|--------|------|--------|-----|-------|-------|
| | | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | |

Batch 1807070 - General Preparation

LCS (1807070-BS1)

Prepared & Analyzed: 07/06/18

| | | | | | | |
|---------------------------|-------|--------|----------|-------|------|--------|
| Specific Conductance (EC) | 0.744 | 0.0100 | mmhos/cm | 0.750 | 99.3 | 90-110 |
|---------------------------|-------|--------|----------|-------|------|--------|

Duplicate (1807070-DUP1)

Source: 1807062-01

Prepared & Analyzed: 07/06/18

| | | | | | | |
|---------------------------|-------|--------|----------|-------|------|----|
| Specific Conductance (EC) | 0.575 | 0.0100 | mmhos/cm | 0.586 | 1.89 | 20 |
|---------------------------|-------|--------|----------|-------|------|----|

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



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Project: Hoffman 1836

Project Number: [none]
Project Manager: Brent Everett

Reported:
07/10/18 08:09

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference