

FRITZLER RESOURCES, INC.
P.O. BOX 114
FORT MORGAN, CO 80701

PROJECT 1801

RECEIVED

AUG 30 04

COGCC



01727329

August 27, 2004

Mr. Randall Ferguson
Colorado Oil and Gas Conservation Commission
1120 Lincoln Street, Suite 801
Denver, CO 80203

Re: Former Simpson "A" Pit
SENE Section 12-T1S-R58W
Site Investigation & Remediation Workplan - Form 27

Dear Randall:

As per the approved Form 27 Workplan, analytical results from the soil samples which were obtained from the Former Simpson "A" pit are enclosed for your review.. Analytical results obtained Evergreen Analytical Laboratory, Colorado Analytical Laboratories, Inc., and Hazen Research Inc., are compiled and summarized in the enclosed table.

We are currently evaluating reclamation options and will present our findings in November of 2004.

We appreciate your time and effort and look forward to working with you in evaluating the potential reclamation options. Please call if there are any questions.

Sincerely,

Gene Fritzler, PE
VP Fritzler Resources, Inc.

Cc: Elmer A. Fritzler, (Fritzler Resources, Inc.)
Steve A. Fritzler (Fritzler Resources, Inc)
Jeffrey L Hunter, (Perkins Coie)

Date
Company Fritzler Resources, Inc.
Location Former Simpson Pit

TABLE 1. ANALYTICAL RESULTS FOR THE FORMER SIMPSON PIT

Lab	Form 910 Analytes	Regulatory levels	Approved Simpson Form 27 analytes	+/- 10 ft. Northwest Corner of Zone 39 98237 Degrees North 103 82108 Degrees West						
				Z-1A(0-12)	Z-1B(12-24)	Z-2A(0-12)	Z-2B(12-24)	Z-3A(0-12)	Z-3B(12-24)	
1	TPH - Non Sensitive Area	10,000	yes							
N/A	THP - Sensitive Area	1000								
N/A	Water		N/A							
	Benzene	5 ug/l								
	Toluene	1000 ug/l								
	Ethylbenzene	680 ug/l								
	Xylene	10000ug/l								
	Organics in Soil		yes							
1	Electrical Conductivity (EC)	<4 mmhos/cm or 2X background		14500	4910	21900	8160	18200	18200	
1	Sodium Adsorption Ratio (SAR)	<12		37	27	49	42	49	74	
1	Calcium			320	58	360	70	240	93	
1	Magnesium			50	12	61	15	47	29	
1	Sodium			2700	850	3800	1500	3200	3200	
	pH	6 to 9		9.03	9.61	8.91	9.29	9.38	9.77	
N/A	Water		N/A							
	Total Dissolved Solids	1.25 X bck gnd								
	Chlorides	1.25 X bck gnd								
	Sulfates	1.25 X bck gnd								
	Total Metals in Soil		yes							
1	Arsenic	41 mg/kg								
1	Barium(LDNR True Total Barium)	2 mg/kg								
2-	Boron(hot water soluble)	2 mg/l								
1	Cadmium	26 mg/kg								
1	Chromium	1,500 mg/kg								
1	Copper	750 mg/kg								
1	Lead	300 mg/kg								
1	Mercury	17 mg/kg								
1	Molybdenum	Site specific								
1	Nickel	210 mg/kg								
1	Selenium	Site specific								
1	Silver	100 mg/kg								
1	Zinc	1,400 mg/kg								

Nutrient Analysis²

Colorado Analytical Laboratories, Inc.

3	Soil Texture	pH	Silt Loam		
			Silt Loam	Silt Loam	Silt Loam
3	Salts (mmols/cm)		8.1	8.4	8.4
3	CEC est (mec/100 g)		10.15	6.08	10.82
3	Lime(qualitative)		14.6	14.1	20.6
3	Organic Matter(%)		med	medium	high
3	Organic Nitrogen(Lbs/acre)		2.9	2.6	2.2
3	Sodium(ME/100g Soil)		86	78.6	65.2
3	Available Nutrients ppm		9.14	7.95	9.41
3	Nitrate- N		88.3	27.4	39.1
3	Phosphorus		11.7	9.4	6.4
3	Potassium		425.8	359.1	299.5
3	Calcium		3981.1	3644.9	3980.3
3	Magnesium		293.8	276.5	365.9
3	Sulfur		142.7	34.3	234.6
3	Boron	2 mg/l	3.4	4	7.1
3	Zinc		0.4	0.7	0.2
3	Iron		9.1	13	8.5
3	Manganese		3.1	2.9	2.8
3	Copper		2.5	2.6	2.7
3	Fertilizer Requirements(lbs per acre)				
3	Crop yield				
3	Nitrogen		0	80	60
3	Phosphorus		60	80	80
3	Potassium		0	0	0
3	Sulfur		0	5	0
3	Lime(qualitative)		0	0	0

Notes

- Evergreen Analytical Laboratory
- Hazen Research Inc.
- Colorado Analytical Laboratories, Inc.

Date
Company Fritzler Resources, Inc
Location Former Simpson Pit
GPS ERROR
Spot Location
Latitude
Longitude

TABLE 1. ANALYTICAL RESULTS FOR THE

Lab	Form 910 Analytes	Regulatory levels	Approved Simpson Form	Z-4A(0-12)	Z-4B(12-24)	Z-5A(0-12)	Z-5B(12-24)	Z-6A(0-12)	Z-6B(12-24)
			27 analytes						
1	TPH- Non Sensitive Area	10,000	yes						
N/A	THP - Sensitive Area	1000	yes						
N/A	Water		N/A						
	Benzene	5 ug/l							
	Toluene	1000 ug/l							
	Ethylbenzene	680 ug/l							
	Xylene	10000ug/l							
	Geopicks in Soil		yes						
1	Electrical Conductivity (EC)	<4 mmhos/cm or 2X background		17300	7160	10400	11800	467	442
1	Sodium Adsorption Ratio (SAR)	<12		59	48	23	10	0.71	1.5
1	Calcium			160	35	330	250	55	32
1	Magnesium			45	13	52	64	6.8	6.2
1	Sodium			3300	1300	1700	2000	21	35
	pH	6 to 9		9.47	10	8.4	9.37	8.47	9.19
N/A	Water		N/A						
	Total Dissolved Solids	1.25 X bck gnd							
	Chlorides	1.25 X bck gnd							
	Sulfates	1.25 X bck gnd							
	Total Metals in Soil		yes						
1	Arsenic	41 mg/kg							
1	Barium(LDNR True Total Barium)	2 mg/kg							
2-	Boron(hot water soluble)	2 mg/l							
1	Cadmium	28 mg/kg							
1	Chromium	1,500 mg/kg							
1	Copper	750 mg/kg							
1	Lead	300 mg/kg							
1	Mercury	17 mg/kg							
1	Molybdenum	Site specific							
1	Nickel	210 mg/kg							
1	Selenium	Site specific							
1	Silver	100 mg/kg							
1	Zinc	1,400 mg/kg							

Nutrient Analysis²

Colorado Analytical Laboratories, Inc.

	Soil Texture
3	pH
3	Salts (mmhos/cm)
3	CEC est (meq/100 g)
3	Lime(qualitative)
3	Organic Matter(%)
3	Organic Nitrogen(Lbs/acre)
3	Sodium(ME/100g Soil)
3	Available Nutrients ppm
3	Nitrate- N
3	Phosphorus
3	Potassium
3	Calcium
3	Magnesium
3	Sulfur
3	Boron
3	Zinc
3	Iron
3	Manganese
3	Copper
3	Fertilizer Requirements(lbs per acre)
3	Crop yield
3	Nitrogen
3	Phosphorus
3	Potassium
3	Sulfur
3	Lime(qualitative)

Notes

- 1 Evergreen Analytical Laboratory
- 2 Hazen Research Inc.
- 3 Colorado Analytical Laboratories, Inc.

Date
Company Fritzler Resources, Inc
Location Former Simpson Pit
GPS ERROR
Spot Location
Latitude
Longitude

TABLE 1. ANALYTICAL RESULTS FOR THE

Lab	Form 910 Analytes	Regulatory levels	Approved Simpson Form	Z-7A(0-12)	Z-7B(12-24)	Z-8A(0-12)	Z-8B(12-24)	Z-9A(0-12)	Z-9B(12-24)
			27 analytes						
1	TPH- Non Sensitive Area	10,000	yes						
N/A	THP - Sensitive Area	1000	yes						
N/A	Water		N/A						
	Benzene	5 ug/l							
	Toluene	1000 ug/l							
	Ethylbenzene	680 ug/l							
	Xylene	10000ug/l							
	Metals in Soil		yes						
1	Electrical Conductivity (EC)	<4 mmhos/cm or 2X background		5610	5610	6330	2780	3430	1640
1	Sodium Adsorption Ratio (SAR)	<12		20	27	12	7.4	10	6.7
1	Calcium			110	68	270	110	43	50
1	Magnesium			18	14	53	25	6.2	11
1	Sodium			840	930	830	330	270	200
	pH	6 to 9		9.51	9.87	9.03	8.5	9.46	9.39
N/A	Water		N/A						
	Total Dissolved Solids	1.25 X bck gnd							
	Chlorides	1.25 X bck gnd							
	Sulfates	1.25 X bck gnd							
	Total Metals in Soil		yes						
1	Arsenic	41 mg/kg							
1	Barium(LDNR True Total Barium)	2 mg/kg							
2	Boron(hot water soluble)	2 mg/l							
1	Cadmium	28 mg/kg							
1	Chromium	1,500 mg/kg							
1	Copper	750 mg/kg							
1	Lead	300 mg/kg							
1	Mercury	17 mg/kg							
1	Molybdenum	Site specific							
1	Nickel	210 mg/kg							
1	Selenium	Site specific							
1	Silver	100 mg/kg							
1	Zinc	1,400 mg/kg							

Nutrient Analysis²

Colorado Analytical Laboratories, Inc.

	Soil Texture
3	pH
3	Salts (mmhos/cm)
3	CEC est (meq/100 g)
3	Lime(qualitative)
3	Organic Matter(%)
3	Organic Nitrogen(Lbs/acre)
3	Sodium(ME/100g Soil)
3	Available Nutrients ppm
3	Nitrate- N
3	Phosphorus
3	Potassium
3	Calcium
3	Magnesium
3	Sulfur
3	Boron
3	Zinc
3	Iron
3	Manganese
3	Copper
3	Fertilizer Requirements(lbs per acre)
3	Crop yield
3	Nitrogen
3	Phosphorus
3	Potassium
3	Sulfur
3	Lime(qualitative)

Notes

- 1 Evergreen Analytical Laboratory
2 Hazen Research Inc.
3 Colorado Analytical Laboratories, Inc.

Date
Company Fritzler Resources, Inc
Location Former Simpson Pit
GPS ERROR
Spot Location
Latitude
Longitude

TABLE 1. ANALYTICAL RESULTS FOR THE

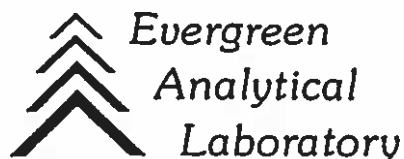
Lab	Form 910 Analytes	Regulatory levels	Approved	Background 1 (0-12)	Background -2 (12-24)	SPLIT	Site Composite Z1-Z9 (0-12)	Site Composite Z1-Z9 (12-24)
			Simpson Form 27 analytes					
1	TPH- Non Sensitive Area	10,000	yes	U	U		18 / 25	47 / 44
N/A	THP - Sensitive Area	1000						
N/A	Water		N/A					
	Benzene	5 ug/l						
	Toluene	1000 ug/l						
	Ethylbenzene	680 ug/l						
	Xylene	10000ug/l						
	Inorganics in Soil		yes					
1	Electrical Conductivity (EC)	<4 mmhos/cm or 2X background		360	463	410	12200	6720
1	Sodium Adsorption Ratio (SAR)	<12		0.68	1.7	0.62	37	27
1	Calcium			38	49	45	180	100
1	Magnesium			7.3	8.9	7.3	38	22
1	Sodium			17	49	17	2100	1100
N/A	pH	6 to 9		9.26	9.31	9.27	9.51	9.56
N/A	Water		N/A					
	Total Dissolved Solids	1.25 X bck gnd						
	Chlorides	1.25 X bck gnd						
	Sulfates	1.25 X bck gnd						
	Trace Metals in Soil		yes					
1	Arsenic	41 mg/kg		8.3	8.5		6.7	7.8
1	Barium(LDNR True Total Barium)	2 mg/kg		120	110		150	160
2	Boron(hot water soluble)	2 mg/l		1.8 / 0.7	1.5 / .5		21.1 / 5.0	13.4 / 4.9
1	Cadmium	26 mg/kg		0.31	0.28		0.27	0.24
1	Chromium	1,500 mg/kg		7.9	8		6.5	5.3
1	Copper	750 mg/kg		9.3	10		8.8	9.2
1	Lead	300 mg/kg		9.4	11		9.3	11
1	Mercury	17 mg/kg		0.024	0.023		0.02	0.021
1	Molybdenum	Site specific		U	U		U	U
1	Nickel	210 mg/kg		8.2	9		8.6	8.8
1	Selenium	Site specific		U	U		U	U
1	Silver	100 mg/kg		U	U		U	U
1	Zinc	1,400 mg/kg		27	31		30	28

Nutrient Analysis²

Colorado Analytical Laboratories, Inc.

3	Soil Texture	pH	Silt Loam	Silt Loam	Silt Loam	Silt Loam
3	Salts (mmols/cm)	7.6	7.9	8.2	8.4	8.4
3	CEC est (mec/100 g)	0.81	0.77	8	5.05	5.05
3	Lime(qualitative)	16.8	15.9	14	14.2	14.2
3	Organic Matter(%)	medium	medium	medium	High	High
3	Organic Nitrogen(Lbs/acre)	4	3.5	2.6	2.7	2.7
3	Sodium(ME/100g Soil)	118.8	106.2	78.9	78.8	78.8
3	Available Nutrients ppm	0.1	0.5	9.04	7.95	7.95
3	Nitrate- N	0.7	0.7	36.1	15.1	15.1
3	Phosphorus	5.5	4	9.5	7.7	7.7
3	Potassium	286.4	278.8	345.6	362.1	362.1
3	Calcium	4458.4	4350	3643.1	4073.6	4073.6
3	Magnesium	430.4	616	309.5	416.3	416.3
3	Sulfur	1.4	1	125.1	92.8	92.8
3	Boron	2 mg/l	0.7	0.5	5	4.9
3	Zinc	0.1	0.2	0.3	0.5	0.5
3	Iron	5	4.4	7.3	8	8
3	Manganese	2.2	1.8	3.4	3.2	3.2
3	Copper	1.2	2.2	2.5	2.5	2.5
3	Fertilizer Requirements(lbs per acre)					
3	Crop yield					
3	Nitrogen	ave	ave	ave	ave	ave
3	Phosphorus	130	130	60	100	100
3	Potassium	80	80	80	80	80
3	Sulfur	0	0	0	0	0
3	Lime(qualitative)	80	60	0	0	0
3		0	0	0	0	0

Notes
1 Evergreen Analytical Laboratory
2 Hazen Research Inc.
3 Colorado Analytical Laboratories, Inc.



July 22, 2004

Gene Fritzler
Fritzler Resources
300 East Burlington Ave
Ft. Morgan, CO 80701

Lab Work Order: 04-4684
Client Project ID: Former Simpson Pit

Dear Gene Fritzler:

Enclosed are the analytical results and invoice for the samples shown in the Laboratory Work Order Summary.

The enclosed data for testing performed at Evergreen Analytical Laboratory (EAL) have been reviewed for quality assurance. A case narrative is included to describe any anomalies associated with the samples or data.

EAL will dispose of all samples one month from the date of this letter. If you want samples returned, please advise us by mail or fax as soon as possible.

A copy of this project report and supporting data will be retained for a period of five years unless we are otherwise advised by you. A document retrieval charge will apply.

Thank you for using the services of Evergreen Analytical. If you have any questions concerning the analytical data, please contact me. Please direct other questions to Client Services.

Sincerely,

A handwritten signature in black ink, appearing to read "Carl Smits", is written over a horizontal line.

Carl Smits
Technical Director of Chemical Analysis

WORK ORDER Summary **Evergreen Analytical, Inc.** 04-4684

Rpt To: Gene Fritzler
Fritzler Resources
300 East Burlington Ave
Ft. Morgan, CO 80701-
(970) 867-9388

Fax To: Gene Fritzler
Email To: gfrizler@bresnan.net

FX: (970) 867-5413

7/13/04 9:04:22 AM

Client Project ID: Former Simpson Pit

QC Level: LEVEL I

Comments:

Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Storage	Test Code	Test Name	Hold MS	Date Due	Hold Time
04-4684-01A	Z-1A 0-12	Soil	7/7/04	7/8/04	E5	6010_D *	6010 Dissolved Metals	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-01A	Z-1A 0-12	Soil	7/7/04	7/8/04	E5	COND_S	Specific Conductance @ 25°C	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-01A	Z-1A 0-12	Soil	7/7/04	7/8/04	E5	PH_S	pH	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-01A	Z-1A 0-12	Soil	7/7/04	7/8/04	E5	SAR_S	Sodium Adsorption Ratio, Soil Leachate	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-02A	Z-1B 12-24	Soil	7/7/04	7/8/04	E5	6010_D *	6010 Dissolved Metals	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-02A	Z-1B 12-24	Soil	7/7/04	7/8/04	E5	COND_S	Specific Conductance @ 25°C	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-02A	Z-1B 12-24	Soil	7/7/04	7/8/04	E5	PH_S	pH	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-02A	Z-1B 12-24	Soil	7/7/04	7/8/04	E5	SAR_S	Sodium Adsorption Ratio, Soil Leachate	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-03A	Z-2A 0-12	Soil	7/7/04	7/8/04	E5	6010_D *	6010 Dissolved Metals	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-03A	Z-2A 0-12	Soil	7/7/04	7/8/04	E5	COND_S	Specific Conductance @ 25°C	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-03A	Z-2A 0-12	Soil	7/7/04	7/8/04	E5	PH_S	pH	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-03A	Z-2A 0-12	Soil	7/7/04	7/8/04	E5	SAR_S	Sodium Adsorption Ratio, Soil Leachate	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-04A	Z-2B 12-24	Soil	7/7/04	7/8/04	E5	6010_D *	6010 Dissolved Metals	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-04A	Z-2B 12-24	Soil	7/7/04	7/8/04	E5	COND_S	Specific Conductance @ 25°C	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-04A	Z-2B 12-24	Soil	7/7/04	7/8/04	E5	PH_S	pH	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-04A	Z-2B 12-24	Soil	7/7/04	7/8/04	E5	SAR_S	Sodium Adsorption Ratio, Soil Leachate	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-05A	Z-3A 0-12	Soil	7/7/04	7/8/04	E5	6010_D *	6010 Dissolved Metals	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-05A	Z-3A 0-12	Soil	7/7/04	7/8/04	E5	COND_S	Specific Conductance @ 25°C	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-05A	Z-3A 0-12	Soil	7/7/04	7/8/04	E5	PH_S	pH	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-05A	Z-3A 0-12	Soil	7/7/04	7/8/04	E5	SAR_S	Sodium Adsorption Ratio, Soil Leachate	<input type="checkbox"/>	7/22/04	1/3/05

Definitions: * - Test Code has a Select List

WORK ORDER Summary

Evergreen Analytical, Inc.

04-4684

Rpt To: Gene Fritzler

Fritzler Resources

300 East Burlington Ave

Ft. Morgan, CO 80701-

(970) 867-9388

Fax To: Gene Fritzler

Email To: gfrizler@bresnan.net

FX: (970) 867-5413

7/13/04 9:04:22 AM

Client Project ID: Former Simpson Pit

QC Level: LEVEL I

04-4684-06A	Z-3B 12-24	Soil	7/7/04	7/8/04	E5	6010_D *	6010 Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-06A	Z-3B 12-24	Soil	7/7/04	7/8/04	E5	COND_S	Specific Conductance @ 25°C	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-06A	Z-3B 12-24	Soil	7/7/04	7/8/04	E5	PH_S	pH	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-06A	Z-3B 12-24	Soil	7/7/04	7/8/04	E5	SAR_S	Sodium Adsorption Ratio, Soil Leachate	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-07A	Z-4A 0-12	Soil	7/7/04	7/8/04	E5	6010_D *	6010 Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-07A	Z-4A 0-12	Soil	7/7/04	7/8/04	E5	COND_S	Specific Conductance @ 25°C	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-07A	Z-4A 0-12	Soil	7/7/04	7/8/04	E5	PH_S	pH	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-07A	Z-4A 0-12	Soil	7/7/04	7/8/04	E5	SAR_S	Sodium Adsorption Ratio, Soil Leachate	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-08A	Z-4B 12-24	Soil	7/7/04	7/8/04	E5	6010_D *	6010 Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-08A	Z-4B 12-24	Soil	7/7/04	7/8/04	E5	COND_S	Specific Conductance @ 25°C	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-08A	Z-4B 12-24	Soil	7/7/04	7/8/04	E5	PH_S	pH	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-08A	Z-4B 12-24	Soil	7/7/04	7/8/04	E5	SAR_S	Sodium Adsorption Ratio, Soil Leachate	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-09A	Z-5A 0-12	Soil	7/7/04	7/8/04	E5	6010_D *	6010 Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-09A	Z-5A 0-12	Soil	7/7/04	7/8/04	E5	COND_S	Specific Conductance @ 25°C	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-09A	Z-5A 0-12	Soil	7/7/04	7/8/04	E5	PH_S	pH	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-09A	Z-5A 0-12	Soil	7/7/04	7/8/04	E5	SAR_S	Sodium Adsorption Ratio, Soil Leachate	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-10A	Z-5B 12-24	Soil	7/7/04	7/8/04	E5	6010_D *	6010 Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-10A	Z-5B 12-24	Soil	7/7/04	7/8/04	E5	COND_S	Specific Conductance @ 25°C	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-10A	Z-5B 12-24	Soil	7/7/04	7/8/04	E5	PH_S	pH	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-10A	Z-5B 12-24	Soil	7/7/04	7/8/04	E5	SAR_S	Sodium Adsorption Ratio, Soil Leachate	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-11A	Z-6A 0-12	Soil	7/7/04	7/8/04	E5	6010_D *	6010 Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-11A	Z-6A 0-12	Soil	7/7/04	7/8/04	E5	COND_S	Specific Conductance @ 25°C	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	8/4/04

Definitions: * - Test Code has a Select List

WORK ORDER Summary

04-4684

Rpt To: Gene Fritzler

Fax To: Gene Fritzler

FX: (970) 867-5413

Fritzler Resources

Email To: gfrizler@bresnan.net

300 East Burlington Ave

Ft. Morgan, CO 80701-

(970) 867-9388

7/13/04 9:04:22 AM

Client Project ID: Former Simpson Pit

QC Level: LEVEL I

04-4684-11A	Z-6A 0-12	Soil	7/7/04	7/8/04	E5	PH_S	pH	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-11A	Z-6A 0-12	Soil	7/7/04	7/8/04	E5	SAR_S	Sodium Adsorption Ratio, Soil Leachate	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-12A	Z-6B 12-24	Soil	7/7/04	7/8/04	E5	6010_D *	6010 Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-12A	Z-6B 12-24	Soil	7/7/04	7/8/04	E5	COND_S	Specific Conductance @ 25°C	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-12A	Z-6B 12-24	Soil	7/7/04	7/8/04	E5	PH_S	pH	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-12A	Z-6B 12-24	Soil	7/7/04	7/8/04	E5	SAR_S	Sodium Adsorption Ratio, Soil Leachate	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-13A	Z-7A 0-12	Soil	7/7/04	7/8/04	E5	6010_D *	6010 Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-13A	Z-7A 0-12	Soil	7/7/04	7/8/04	E5	COND_S	Specific Conductance @ 25°C	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-13A	Z-7A 0-12	Soil	7/7/04	7/8/04	E5	PH_S	pH	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-13A	Z-7A 0-12	Soil	7/7/04	7/8/04	E5	SAR_S	Sodium Adsorption Ratio, Soil Leachate	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-14A	Z-7B 12-24	Soil	7/7/04	7/8/04	E5	6010_D *	6010 Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-14A	Z-7B 12-24	Soil	7/7/04	7/8/04	E5	COND_S	Specific Conductance @ 25°C	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-14A	Z-7B 12-24	Soil	7/7/04	7/8/04	E5	PH_S	pH	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-14A	Z-7B 12-24	Soil	7/7/04	7/8/04	E5	SAR_S	Sodium Adsorption Ratio, Soil Leachate	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-15A	Z-8A 0-12	Soil	7/7/04	7/8/04	E5	6010_D *	6010 Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-15A	Z-8A 0-12	Soil	7/7/04	7/8/04	E5	COND_S	Specific Conductance @ 25°C	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-15A	Z-8A 0-12	Soil	7/7/04	7/8/04	E5	PH_S	pH	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-15A	Z-8A 0-12	Soil	7/7/04	7/8/04	E5	SAR_S	Sodium Adsorption Ratio, Soil Leachate	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-16A	Z-8B 12-24	Soil	7/7/04	7/8/04	E5	6010_D *	6010 Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-16A	Z-8B 12-24	Soil	7/7/04	7/8/04	E5	COND_S	Specific Conductance @ 25°C	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-16A	Z-8B 12-24	Soil	7/7/04	7/8/04	E5	PH_S	pH	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-16A	Z-8B 12-24	Soil	7/7/04	7/8/04	E5	SAR_S	Sodium Adsorption Ratio, Soil Leachate	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	1/3/05

Definitions: * - Test Code has a Select List

WORK ORDER Summary

Evergreen Analytical, Inc.

04-4684

Rpt To: Gene Fritzler

Fritzler Resources

300 East Burlington Ave

Ft. Morgan, CO 80701-

(970) 867-9388

Fax To: Gene Fritzler

Email To: gfritzler@bresnan.net

FX: (970) 867-5413

7/13/04 9:04:23 AM

Client Project ID: Former Simpson Pit

QC Level: LEVEL I

04-4684-17A	Z-9A 0-12	Soil	7/7/04	7/8/04	E5	6010_D *	6010 Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-17A	Z-9A 0-12	Soil	7/7/04	7/8/04	E5	COND_S	Specific Conductance @ 25°C	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-17A	Z-9A 0-12	Soil	7/7/04	7/8/04	E5	PH_S	pH	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-17A	Z-9A 0-12	Soil	7/7/04	7/8/04	E5	SAR_S	Sodium Adsorption Ratio, Soil Leachate	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-18A	Z-9B 12-24	Soil	7/7/04	7/8/04	E5	6010_D *	6010 Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-18A	Z-9B 12-24	Soil	7/7/04	7/8/04	E5	COND_S	Specific Conductance @ 25°C	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-18A	Z-9B 12-24	Soil	7/7/04	7/8/04	E5	PH_S	pH	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-18A	Z-9B 12-24	Soil	7/7/04	7/8/04	E5	SAR_S	Sodium Adsorption Ratio, Soil Leachate	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-19A	SITE COMP #1 Z1-Z9 0-12	Soil	7/7/04	7/8/04	E5	TEH_S *	8015: TEH-Diesel	<input type="checkbox"/>	<input type="checkbox"/>	7/13/04	7/21/04
04-4684-20A	SITE COMP #2 0-12	Soil	7/7/04	7/8/04	E5	TEH_S *	8015: TEH-Diesel	<input type="checkbox"/>	<input type="checkbox"/>	7/13/04	7/21/04
04-4684-21A	SITE COMP #1 Z1-Z9 12-24	Soil	7/7/04	7/8/04	E5	TEH_S *	8015: TEH-Diesel	<input type="checkbox"/>	<input type="checkbox"/>	7/13/04	7/21/04
04-4684-22A	SITE COMP #2 Z1-Z9 12-24	Soil	7/7/04	7/8/04	E5	TEH_S *	8015: TEH-Diesel	<input type="checkbox"/>	<input type="checkbox"/>	7/13/04	7/21/04
04-4684-23A	Background 1 0-12	Soil	7/7/04	7/8/04	E5	TEH_S *	8015: TEH-Diesel	<input type="checkbox"/>	<input type="checkbox"/>	7/13/04	7/21/04
04-4684-24A	Background 1 0-12	Soil	7/7/04	7/8/04	E5	TEH_S *	8015: TEH-Diesel	<input type="checkbox"/>	<input type="checkbox"/>	7/13/04	7/21/04
04-4684-25A	Background 1 0-12	Soil	7/7/04	7/8/04	E5	6010_S *	6010 Soil/Solids	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-25A	Background 1 0-12	Soil	7/7/04	7/8/04	E5	7471_S	Mercury 7471 Solid	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-25B	Background 1 0-12	Soil	7/7/04	7/8/04	OUT	BORON-HWS	Boron hot water soluble	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	7/14/04
04-4684-26A	Background-2 12-24	Soil	7/7/04	7/8/04	E5	6010_S *	6010 Soil/Solids	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-26A	Background-2 12-24	Soil	7/7/04	7/8/04	E5	7471_S	Mercury 7471 Solid	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-26B	Background-2 12-24	Soil	7/7/04	7/8/04	OUT	BORON-HWS	Boron hot water soluble	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	7/14/04
04-4684-27A	Background -1 0-12	Soil	7/7/04	7/8/04	E5	6010_D *	6010 Dissolved Metals	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	1/3/05

Definitions: * - Test Code has a Select List

WORK ORDER Summary

Evergreen Analytical, Inc.

04-4684

Rpt To: Gene Fritzler

Fritzler Resources

300 East Burlington Ave

Ft. Morgan, CO 80701-

(970) 867-9388

Fax To: Gene Fritzler

Email To: gfrizler@bresnan.net

FX: (970) 867-5413

7/13/04 9:04:23 AM

Client Project ID: Former Simpson Pit

QC Level: LEVEL I

04-4684-27A	Bckgrnd -1 0-12	Soil	7/7/04	7/8/04	E5	COND_S	Specific Conductance @ 25°C	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-27A	Bckgrnd -1 0-12	Soil	7/7/04	7/8/04	E5	PH_S	pH	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-27A	Bckgrnd -1 0-12	Soil	7/7/04	7/8/04	E5	SAR_S	Sodium Adsorption Ratio, Soil Leachate	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-28A	Bckgrnd-2 12-24	Soil	7/7/04	7/8/04	E5	6010_D *	6010 Dissolved Metals	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-28A	Bckgrnd-2 12-24	Soil	7/7/04	7/8/04	E5	COND_S	Specific Conductance @ 25°C	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-28A	Bckgrnd-2 12-24	Soil	7/7/04	7/8/04	E5	PH_S	pH	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-28A	Bckgrnd-2 12-24	Soil	7/7/04	7/8/04	E5	SAR_S	Sodium Adsorption Ratio, Soil Leachate	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-29A	Split	Soil	7/7/04	7/8/04	E5	6010_D *	6010 Dissolved Metals	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-29A	Split	Soil	7/7/04	7/8/04	E5	COND_S	Specific Conductance @ 25°C	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-29A	Split	Soil	7/7/04	7/8/04	E5	PH_S	pH	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-29A	Split	Soil	7/7/04	7/8/04	E5	SAR_S	Sodium Adsorption Ratio, Soil Leachate	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-30A	Site Composite Z1-Z9 0-12	Soil	7/7/04	7/8/04	E5	6010_D *	6010 Dissolved Metals	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-30A	Site Composite Z1-Z9 0-12	Soil	7/7/04	7/8/04	E5	COND_S	Specific Conductance @ 25°C	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-30A	Site Composite Z1-Z9 0-12	Soil	7/7/04	7/8/04	E5	PH_S	pH	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-30A	Site Composite Z1-Z9 0-12	Soil	7/7/04	7/8/04	E5	SAR_S	Sodium Adsorption Ratio, Soil Leachate	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-30B	Site Composite Z1-Z9 0-12	Soil	7/7/04	7/8/04	E5	6010_S *	6010 Soil/Solids	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-30B	Site Composite Z1-Z9 0-12	Soil	7/7/04	7/8/04	E5	7471_S	Mercury 7471 Solid	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-30C	Site Composite Z1-Z9 0-12	Soil	7/7/04	7/8/04	OUT	BORON-HWS	Boron hot water soluble	<input type="checkbox"/>	7/22/04	7/14/04
04-4684-31A	Site Composite Z1-Z9 12-24	Soil	7/7/04	7/8/04	E5	6010_D *	6010 Dissolved Metals	<input type="checkbox"/>	7/22/04	1/3/05

Definitions: * - Test Code has a Select List

WORK ORDER Summary

04-4684

Rpt To: Gene Fritzler

Fritzler Resources

300 East Burlington Ave

Ft. Morgan, CO 80701-

(970) 867-9388

Fax To: Gene Fritzler

Email To: gfritzler@bresnan.net

FX: (970) 867-5413

7/13/04 9:04:23 AM

Client Project ID: Former Simpson Pit

QC Level: LEVEL I

04-4684-31A	Site Composite Z1-Z9 12-24	Soil	7/7/04	7/8/04	E5	COND_S	Specific Conductance @ 25°C	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-31A	Site Composite Z1-Z9 12-24	Soil	7/7/04	7/8/04	E5	PH_S	pH	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-31A	Site Composite Z1-Z9 12-24	Soil	7/7/04	7/8/04	E5	SAR_S	Sodium Adsorption Ratio, Soil Leachate	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-31B	Site Composite Z1-Z9 12-24	Soil	7/7/04	7/8/04	E5	6010_S *	6010 Soil/Solids	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	1/3/05
04-4684-31B	Site Composite Z1-Z9 12-24	Soil	7/7/04	7/8/04	E5	7471_S	Mercury 7471 Solid	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	8/4/04
04-4684-31C	Site Composite Z1-Z9 12-24	Soil	7/7/04	7/8/04	OUT	BORON-HWS	Boron hot water soluble	<input type="checkbox"/>	<input type="checkbox"/>	7/22/04	7/14/04

Page / of 4

Evergreen Analytical Laboratory Inc.

CITY Ft. Morgan STATE CO ZIP 80701

E-mail qfr.tzler

gtr.tzler
@bresnan.net

ANALYSES (check analysis)

INVOICE TO FRITZ RESOURCES

PROJECT I.D. Forster Simpson P19

Sampler: Yusef (sign)

NOTE: Identify Known Hazards Below

SAMPLE DATE

IDENTIFICATION	SAMPLED TIME
----------------	--------------

E-1A 0-12	7-1-04	12:05
-----------	--------	-------

2-18-12-24	1-7
------------	-----

2-28	0-12	7/27
------	------	------

2-2B	12-24	7-2
------	-------	-----

2-3A	0-12	7-7
------	------	-----

2-3B	12-24	7-7
------	-------	-----

2-4A	0.12	7-7
------	------	-----

2-4B	12-24	7-7
------	-------	-----

2-5-A	0-12	7-7
-------	------	-----

2-5 B	12-24	7-7
-------	-------	-----

Does this analysis involve property transfer? ☐ Yes or ☒ No

Instructions:

Important Note: See reverse side hereof for terms and conditions.

Delivered by (Signature)

Date/Time

Received by: (Signature)

Date/Time

Relinquished by: (Signature)

Date/Time

Received by: (Signature)

Date/Time

CHAIN OF CUSTODY RECORD / ANALYTICAL SERVICES AGREEMENT **

Page 3 of 4

CLIENT INFORMATION

CLIENT FRITZLER Resources Inc

ADDRESS _____

CITY _____ STATE _____ ZIP _____

PHONE _____ FAX _____ E-mail _____

REPORT BY ☒ MAIL ☐ FAX ☐ E-MAIL ☐ EDD

REPORT CHROMATOGRAMS ☐ YES ☐ NO

REPORT TO (Mr/Ms) _____

INVOICE TO _____

PROJECT I.D. _____

P.O. # 121-29

Sampler Paul Witz (sign)

NOTE: Identify Known Hazards Below

IDENTIFICATION SAMPLE DATE

IDENTIFICATION SAMPLE TIME

STATE Comp #1 12-29 7-7-04

STATE Comp #2 0-12 7-7

STATE Comp #1 12-29 7-7

STATE Comp #2 12-24 7-7

Backgrnd 10-12 7-7

Backgrnd 10-12 7-7

Backgrnd 2 12-24 7-7

Backgrnd 1-0-12 7-7

Backgrnd -2 12-24 7-7

Backgrnd -2 12-24 7-7

Backgrnd -2 12-24 7-7

Does this analysis involve property transfer? ☐ Yes or ☒ No

Instructions:

** Important Note: See reverse side hereof for terms and conditions.

Evergreen Analytical Laboratory Inc.

4036 Youngfield St.
Wheat Ridge, Colorado 80033
(303) 425-6021
FAX (303) 425-6854
(877) 737-4521
e-mail info@evergreenanalytical.com



Report Results by: _____ (Date)

Standard 2 working weeks

UST Analyses per Fee Schedule

* Rush: ☐ less than 24 hrs, 150%

☐ 3 - 5 work days, 50%

☐ 6 - 9 work days, 25%

*Rush analysis subject to surcharge noted

ANALYSES (check analysis)

MATRIX	No. of Containers	1) Drinking Water or 2) Discharge Water or 3) Ground Water (circle one)	Soil / Solid / Air / Gas	Oil / Sludge / Wipe	TCLP VOA/BNA/Pest/Herb/Metals (circle)	VOA 8260/624 (circle)	BNA 8270/625 (circle)	Pesticides 8081/8270/608 (circle)	Pest/PCBs 8081/8082/608 (circle)	PCB Screen 8082 mod.	Herbicides 8151	BTEX 8021/602/8260/MTBE (circle)	TPH 8015mod. (Gasoline)	TPH 8015mod. (Diesel)	Total Metals-DW / NPDES / SW846 (circle & list metals below)	Dissolved Metals - DW / SW846 (circle & list metals below)	Oil & Grease 413.1	Oil & Grease 1664	TPH 418.1	EC PH 5.4 R	For Laboratory use only
																					W.O. # 04-4684
																					B.O.F. #
																					C/S (O)
																					C/S (I)
																					Cooler Temp. °C
																					Seals Present Y / N / NA
																					Seals Intact Y / N
																					Samples Pres. Y / N / NA
																					Headspace Y / N / NA
																					By
																					19
																					20
																					21
																					22
																					23
																					24
																					25
																					26
																					27
																					28
																					Sample Fraction

Refinanced by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<u>Paul Witz</u>	7/8/04	<u>Paul Witz</u>	7/8/04

CHAIN OF CUSTODY RECORD / ANALYTICAL SERVICES AGREEMENT **

Page 4 of 4

CLIENT INFORMATION

Evergreen Analytical Laboratory Inc.

CLIENT Per Tech / Resources
 ADDRESS _____
 CITY _____ STATE _____ ZIP _____
 PHONE _____ FAX _____ E-mail _____

4036 Youngfield St.
 Wheat Ridge, Colorado 80033
 (303) 425-6021
 FAX (303) 425-8854
 (877) 737-4521
 e-mail info@evergreenanalytical.com



Report Results by: _____ (Date)
 Standard 2 working weeks ☐
 UST Analyses per Fee Schedule ☐
 * Rush: ☐ less than 24 hrs, 150% ☐ 1 - 2 work days, 100%
☐ 3 - 5 work days, 50% ☐ 6 - 9 work days, 25%
 * Rush analysis subject to surcharge noted

REPORT BY ☐ MAIL ☐ FAX ☐ EMAIL ☐ EDD

REPORT CHROMATOGRAMS ☐ YES ☐ NO

REPORT TO (Mr/Ms) _____

INVOICE TO _____

PROJECT I.D. _____

P.O. # _____ EAL QUOTE # _____

Sampler: _____ (sign)

NOTE: Identify Known Hazards Below

IDENTIFICATION SAMPLED TIME
 56.7 7-7-64 PM

MATRIX		ANALYSES (check analysis)										For Laboratory use only
1) Drinking Water or 2) Discharge Water (circle one)	No. of Containers											W.O.# 04-4684
	or 3) Ground Water (circle one)											B.O.F.#
Oil / Sludge / Wipe												C/S (O)
Soil / Solid / Air / Gas												C/S (I)
TCLP VOA/BNA/Pest/Herb/Metals (circle)												Cooler Temp °C
VOA 8260/624 (circle)												Seals Present Y/N/NA
BNA 8270/625 (circle)												Seals Intact Y/N
Pesticides 8081/8270/608 (circle)												Samples Pres. Y/N/NA
Pas/P/CBs 8081/8082/608 (circle)												Headspace Y/N/NA
PCB Screen 8082 mod.												By
Herbicides 8151												29
BTEX 8021/8028/260/MTBE (circle)												
TVPH 8015 mod. (Gasoline)												
TEPH 8015 mod. (Diesel)												
Total Metals-DW / NPDES (circle & list metals below)												
Dissolved Metals - DW / SW846 (circle & list metals below)												
Oil & Grease 413.1												
Oil & Grease 1664												
TRPH 418.1												
EC, pH, SD												

Does this analysis involve property transfer? ☐ Yes or ☒ No

Instructions:

** Important Note: See reverse side hereof for terms and conditions.

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<u>[Signature]</u>	<u>7/8/64</u>	<u>[Signature]</u>	<u>7/8/64</u>

Client Project ID: Former Simpson Pit

Lab Order: 04-4684

CASE NARRATIVE

SAMPLE RECEIVING

Samples were received in good condition within method specified holding times.

Samples were hand delivered to the laboratory by the client.

Samples did not require preservation.

The temperature of the sample(s) upon arrival was 4° C. JD

QUALITY ASSURANCE

Analyses performed by EAL on samples in this work order meet the requirements of the EAL Quality Assurance Program. Analyses performed by EAL on RCRA samples meet the requirements of NELAC and Utah Rule R444-14. JT

CLIENT SERVICES

There are no anomalies to report. AMU

GENERAL CHEMISTRY

There are no anomalies to report. MM

METALS ANALYSIS

Traces of Ba (0.136 mg/Kg), Cd (0.781 mg/Kg), and Zn (2.399 mg/Kg) were measured in the method blank for the 6010 metals. The amounts were not subtracted from the sample results and are reported in the Analytical QC Summary Report. Also, reported in the summary is sample matrix interference for Mo and Zn. There are no other anomalies to report. WKH

GAS CHROMATOGRAPHY

Method TEH_W: There are no anomalies to report. CLC

10
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14

Evergreen Analytical, Inc.
4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: Z-1A 0-12
Client Project ID: Former Simpson Pit
Date Collected: 7/7/04
Date Received: 7/8/04

Lab Work Order: 04-4684
Lab Sample ID: 04-4684-01
Sample Matrix: Soil

6010 DISSOLVED METALS, WATER

Method: SW6010

Prep Method: E200.7/SW3010

Date Prepared: 7/13/04

Lab File ID: 71504PM

Dilution Factor: 1

Date Analyzed: 7/16/04

Method Blank: MB-4959

Lab Fraction ID: 04-4684-01A

Analytes	CAS Number	Result	LQL	Units
Calcium	7440-70-2	320	1.9	mg/L
Magnesium	7439-95-4	50	0.75	mg/L
Sodium	7440-23-5	2700	2.0	mg/L

SODIUM ADSORPTION RATIO, SOIL

Method: USDA

Prep Method:

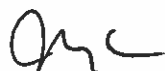
Date Prepared: 7/13/04

Dilution Factor: 1

Date Analyzed: 7/16/04

Lab Fraction ID: 04-4684-01A

Analytes	CAS Number	Result	LQL	Units
Sodium-Adsorption-Ratio		37	0.10	ratio



Analyst



Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL)

Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Print Date: 7/21/04

ergreen Analytical, Inc.
4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: Z-1B 12-24
Client Project ID: Former Simpson Pit
Date Collected: 7/7/04
Date Received: 7/8/04

Lab Work Order: 04-4684
Lab Sample ID: 04-4684-02
Sample Matrix: Soil

6010 DISSOLVED METALS, WATER

Method: SW6010

Prep Method: E200.7/SW3010

Date Prepared: 7/13/04	Lab File ID: 71504PM	Dilution Factor: 1		
Date Analyzed: 7/16/04	Method Blank: MB-4959	Lab Fraction ID: 04-4684-02A		
Analytes	CAS Number	Result	LQL	Units
Calcium	7440-70-2	58	1.9	mg/L
Magnesium	7439-95-4	12	0.75	mg/L
Sodium	7440-23-5	850	2.0	mg/L

SODIUM ADSORPTION RATIO, SOIL

Method: USDA

Prep Method:

Date Prepared: 7/13/04			Dilution Factor: 1	
Date Analyzed: 7/16/04			Lab Fraction ID: 04-4684-02A	
Analytes	CAS Number	Result	LQL	Units
Sodium-Adsorption-Ratio		27	0.10	ratio



Analyst



Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL)

Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Print Date: 7/21/04

Evergreen Analytical, Inc.
4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: Z-2A 0-12
Client Project ID: Former Simpson Pit
Date Collected: 7/7/04
Date Received: 7/8/04

Lab Work Order: 04-4684
Lab Sample ID: 04-4684-03
Sample Matrix: Soil

6010 DISSOLVED METALS, WATER

Method: SW6010

Prep Method: E200.7/SW3010

Date Prepared: 7/13/04
Date Analyzed: 7/16/04

Lab File ID: 71504PM
Method Blank: MB-4959

Dilution Factor: 1
Lab Fraction ID: 04-4684-03A

Analytes	CAS Number	Result	LQL	Units
Calcium	7440-70-2	360	1.9	mg/L
Magnesium	7439-95-4	61	0.75	mg/L
Sodium	7440-23-5	3800	2.0	mg/L

SODIUM ADSORPTION RATIO, SOIL

Method: USDA

Prep Method:

Date Prepared: 7/13/04
Date Analyzed: 7/16/04

Dilution Factor: 1
Lab Fraction ID: 04-4684-03A

Analytes	CAS Number	Result	LQL	Units
Sodium-Adsorption-Ratio		49	0.10	ratio



Analyst



Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL)

Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Print Date: 7/21/04

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: Z-2B 12-24
Client Project ID: Former Simpson Pit
Date Collected: 7/7/04
Date Received: 7/8/04

Lab Work Order: 04-4684
Lab Sample ID: 04-4684-04
Sample Matrix: Soil

6010 DISSOLVED METALS, WATER

Method: SW6010

Prep Method: E200.7/SW3010

Date Prepared: 7/13/04
Date Analyzed: 7/16/04

Lab File ID: 71504PM
Method Blank: MB-4959

Dilution Factor: 1
Lab Fraction ID: 04-4684-04A

Analytes	CAS Number	Result	LQL	Units
Calcium	7440-70-2	70	1.9	mg/L
Magnesium	7439-95-4	15	0.75	mg/L
Sodium	7440-23-5	1500	2.0	mg/L

SODIUM ADSORPTION RATIO, SOIL

Method: USDA

Prep Method:

Date Prepared: 7/13/04
Date Analyzed: 7/16/04

Dilution Factor: 1
Lab Fraction ID: 04-4684-04A

Analytes	CAS Number	Result	LQL	Units
Sodium-Adsorption-Ratio		42	0.10	ratio



Analyst



Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL)

Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Print Date: 7/21/04

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862

(303) 425-6021

Client Sample ID: Z-3A 0-12
Client Project ID: Former Simpson Pit
Date Collected: 7/7/04
Date Received: 7/8/04

Lab Work Order: 04-4684
Lab Sample ID: 04-4684-05
Sample Matrix: Soil

6010 DISSOLVED METALS, WATER

Method: SW6010

Prep Method: E200.7/SW3010

Date Prepared: 7/13/04

Lab File ID: 71504PM

Dilution Factor: 1

Date Analyzed: 7/16/04

Method Blank: MB-4959

Lab Fraction ID: 04-4684-05A

Analytes	CAS Number	Result	LQL	Units
Calcium	7440-70-2	240	1.9	mg/L
Magnesium	7439-95-4	47	0.75	mg/L
Sodium	7440-23-5	3200	2.0	mg/L

SODIUM ADSORPTION RATIO, SOIL

Method: USDA

Prep Method:

Date Prepared: 7/13/04

Dilution Factor: 1

Date Analyzed: 7/16/04

Lab Fraction ID: 04-4684-05A

Analytes	CAS Number	Result	LQL	Units
Sodium-Adsorption-Ratio		49	0.10	ratio

Analyst

Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL)

Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Print Date: 7/21/04

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: Z-3B 12-24
Client Project ID: Former Simpson Pit
Date Collected: 7/7/04
Date Received: 7/8/04

Lab Work Order: 04-4684
Lab Sample ID: 04-4684-06
Sample Matrix: Soil

6010 DISSOLVED METALS, WATER**Method: SW6010****Prep Method: E200.7/SW3010**

Date Prepared: 7/13/04
Date Analyzed: 7/16/04

Lab File ID: 71504PM
Method Blank: MB-4959

Dilution Factor: 1
Lab Fraction ID: 04-4684-06A

Analytes	CAS Number	Result	LQL	Units
Calcium	7440-70-2	93	1.9	mg/L
Magnesium	7439-95-4	29	0.75	mg/L
Sodium	7440-23-5	3200	2.0	mg/L

SODIUM ADSORPTION RATIO, SOIL**Method: USDA****Prep Method:**

Date Prepared: 7/13/04
Date Analyzed: 7/16/04

Dilution Factor: 1
Lab Fraction ID: 04-4684-06A

Analytes	CAS Number	Result	LQL	Units
Sodium-Adsorption-Ratio		74	0.10	ratio

Analyst**Approved**

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL)

Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Print Date: 7/21/04

Evergreen Analytical, Inc.
4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: Z-4A 0-12
Client Project ID: Former Simpson Pit
Date Collected: 7/7/04
Date Received: 7/8/04

Lab Work Order: 04-4684
Lab Sample ID: 04-4684-07
Sample Matrix: Soil

6010 DISSOLVED METALS, WATER

Method: SW6010

Prep Method: E200.7/SW3010

Date Prepared: 7/13/04
Date Analyzed: 7/16/04

Lab File ID: 71504PM
Method Blank: MB-4959

Dilution Factor: 1
Lab Fraction ID: 04-4684-07A

Analytes	CAS Number	Result	LQL	Units
Calcium	7440-70-2	160	1.9	mg/L
Magnesium	7439-95-4	45	0.75	mg/L
Sodium	7440-23-5	3300	2.0	mg/L

SODIUM ADSORPTION RATIO, SOIL


Method: USDA

Prep Method:

Date Prepared: 7/13/04
Date Analyzed: 7/16/04

Dilution Factor: 1
Lab Fraction ID: 04-4684-07A

Analytes	CAS Number	Result	LQL	Units
Sodium-Adsorption-Ratio		59	0.10	ratio



Analyst



Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL)

Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Print Date: 7/21/04

Evergreen Analytical, Inc.4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021Client Sample ID: Z-4B 12-24
Client Project ID: Former Simpson Pit
Date Collected: 7/7/04
Date Received: 7/8/04Lab Work Order: 04-4684
Lab Sample ID: 04-4684-08
Sample Matrix: Soil**6010 DISSOLVED METALS, WATER**

Method: SW6010

Prep Method: E200.7/SW3010

Date Prepared: 7/13/04

Lab File ID: 71504PM

Dilution Factor: 1

Date Analyzed: 7/16/04

Method Blank: MB-4959

Lab Fraction ID: 04-4684-08A

Analytes	CAS Number	Result	LQL	Units
Calcium	7440-70-2	35	1.9	mg/L
Magnesium	7439-95-4	13	0.75	mg/L
Sodium	7440-23-5	1300	2.0	mg/L

SODIUM ADSORPTION RATIO, SOIL

Method: USDA

Prep Method:


Date Prepared: 7/13/04

Dilution Factor: 1

Date Analyzed: 7/16/04

Lab Fraction ID: 04-4684-08A

Analytes	CAS Number	Result	LQL	Units
Sodium-Adsorption-Ratio		48	0.10	ratio



Analyst



Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL)

Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Print Date: 7/21/04

Evergreen Analytical, Inc.
4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: Z-5A 0-12
Client Project ID: Former Simpson Pit
Date Collected: 7/7/04
Date Received: 7/8/04

Lab Work Order: 04-4684
Lab Sample ID: 04-4684-09
Sample Matrix: Soil

6010 DISSOLVED METALS, WATER

Method: SW6010

Prep Method: E200.7/SW3010

Date Prepared: 7/19/04
Date Analyzed: 7/20/04

Lab File ID: 71904PM
Method Blank: MB-4999

Dilution Factor: 1
Lab Fraction ID: 04-4684-09A

Analytes	CAS Number	Result	LQL	Units
Calcium	7440-70-2	330	1.9	mg/L
Magnesium	7439-95-4	52	0.75	mg/L
Sodium	7440-23-5	1700	2.0	mg/L

SODIUM ADSORPTION RATIO, SOIL

Method: USDA

Prep Method:

Date Prepared: 7/19/04
Date Analyzed: 7/20/04

Dilution Factor: 1
Lab Fraction ID: 04-4684-09A

Analytes	CAS Number	Result	LQL	Units
Sodium-Adsorption-Ratio		23	0.10	ratio



Analyst



Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL)

Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Print Date: 7/21/04

Evergreen Analytical, Inc.
4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: Z-5B 12-24
Client Project ID: Former Simpson Pit
Date Collected: 7/7/04
Date Received: 7/8/04

Lab Work Order: 04-4684
Lab Sample ID: 04-4684-10
Sample Matrix: Soil

6010 DISSOLVED METALS, WATER

Method: SW6010

Prep Method: E200.7/SW3010

Date Prepared: 7/19/04
Date Analyzed: 7/20/04

Lab File ID: 71904PM
Method Blank: MB-4999

Dilution Factor: 1
Lab Fraction ID: 04-4684-10A

Analytes	CAS Number	Result	LQL	Units
Calcium	7440-70-2	250	1.9	mg/L
Magnesium	7439-95-4	64	0.75	mg/L
Sodium	7440-23-5	2000	2.0	mg/L

SODIUM ADSORPTION RATIO, SOIL

Method: USDA

Prep Method:

Date Prepared: 7/19/04
Date Analyzed: 7/20/04

Dilution Factor: 1
Lab Fraction ID: 04-4684-10A

Analytes	CAS Number	Result	LQL	Units
Sodium-Adsorption-Ratio		29	0.10	ratio



Analyst



Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL)

Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Print Date: 7/21/04

Evergreen Analytical, Inc.
4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: Z-6A 0-12
Client Project ID: Former Simpson Pit
Date Collected: 7/7/04
Date Received: 7/8/04

Lab Work Order: 04-4684
Lab Sample ID: 04-4684-11
Sample Matrix: Soil

6010 DISSOLVED METALS, WATER

Method: SW6010

Prep Method: E200.7/SW3010

Date Prepared: 7/19/04
Date Analyzed: 7/20/04

Lab File ID: 71904PM
Method Blank: MB-4999

Dilution Factor: 1
Lab Fraction ID: 04-4684-11A

Analytes	CAS Number	Result	LQL	Units
Calcium	7440-70-2	55	1.9	mg/L
Magnesium	7439-95-4	6.8	0.75	mg/L
Sodium	7440-23-5	21	2.0	mg/L

SODIUM ADSORPTION RATIO, SOIL

Method: USDA

Prep Method:

Date Prepared: 7/19/04
Date Analyzed: 7/20/04

Dilution Factor: 1
Lab Fraction ID: 04-4684-11A

Analytes	CAS Number	Result	LQL	Units
Sodium-Adsorption-Ratio		0.71	0.10	ratio



Analyst



Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL)

Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Print Date: 7/21/04

Evergreen Analytical, Inc.

4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: Z-6B 12-24
Client Project ID: Former Simpson Pit
Date Collected: 7/7/04
Date Received: 7/8/04

Lab Work Order: 04-4684
Lab Sample ID: 04-4684-12
Sample Matrix: Soil

6010 DISSOLVED METALS, WATER**Method: SW6010****Prep Method: E200.7/SW3010**

Date Prepared: 7/19/04
Date Analyzed: 7/20/04

Lab File ID: 71904PM
Method Blank: MB-4999

Dilution Factor: 1
Lab Fraction ID: 04-4684-12A

Analytes	CAS Number	Result	LQL	Units
Calcium	7440-70-2	32	1.9	mg/L
Magnesium	7439-95-4	6.2	0.75	mg/L
Sodium	7440-23-5	35	2.0	mg/L

SODIUM ADSORPTION RATIO, SOIL**Method: USDA****Prep Method:**

Date Prepared: 7/19/04
Date Analyzed: 7/20/04

Dilution Factor: 1
Lab Fraction ID: 04-4684-12A

Analytes	CAS Number	Result	LQL	Units
Sodium-Adsorption-Ratio		1.5	0.10	ratio



Analyst



Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL)

Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Print Date: 7/21/04

Evergreen Analytical, Inc.
4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: Z-7A 0-12
Client Project ID: Former Simpson Pit
Date Collected: 7/7/04
Date Received: 7/8/04

Lab Work Order: 04-4684
Lab Sample ID: 04-4684-13
Sample Matrix: Soil

6010 DISSOLVED METALS, WATER

Prep Method: E200.7/SW3010

Method: SW6010

Date Prepared: 7/19/04
Date Analyzed: 7/20/04

Lab File ID: 71904PM
Method Blank: MB-4999

Dilution Factor: 1
Lab Fraction ID: 04-4684-13A

Analytes	CAS Number	Result	LQL	Units
Calcium	7440-70-2	110	1.9	mg/L
Magnesium	7439-95-4	18	0.75	mg/L
Sodium	7440-23-5	840	2.0	mg/L

SODIUM ADSORPTION RATIO, SOIL

Prep Method:

Method: USDA

Date Prepared: 7/19/04
Date Analyzed: 7/20/04

Dilution Factor: 1
Lab Fraction ID: 04-4684-13A

Analytes	CAS Number	Result	LQL	Units
Sodium-Adsorption-Ratio		20	0.10	ratio



Analyst



Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL)

Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Print Date: 7/21/04

Evergreen Analytical, Inc.4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021Client Sample ID: Z-7B 12-24
Client Project ID: Former Simpson Pit
Date Collected: 7/7/04
Date Received: 7/8/04Lab Work Order: 04-4684
Lab Sample ID: 04-4684-14
Sample Matrix: Soil**Method: SW6010** **6010 DISSOLVED METALS, WATER**
Prep Method: E200.7/SW3010

Date Prepared: 7/19/04	Lab File ID: 71904PM	Dilution Factor: 1		
Date Analyzed: 7/20/04	Method Blank: MB-4999	Lab Fraction ID: 04-4684-14A		
Analytes	CAS Number	Result	LQL	Units
Calcium	7440-70-2	68	1.9	mg/L
Magnesium	7439-95-4	14	0.75	mg/L
Sodium	7440-23-5	930	2.0	mg/L

Method: USDA **SODIUM ADSORPTION RATIO, SOIL**
Prep Method:

Date Prepared: 7/19/04	Dilution Factor: 1			
Date Analyzed: 7/20/04	Lab Fraction ID: 04-4684-14A			
Analytes	CAS Number	Result	LQL	Units
Sodium-Adsorption-Ratio		27	0.10	ratio



Analyst

Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL)

Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Print Date: 7/21/04

Evergreen Analytical, Inc.
4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: Z-8A 0-12
Client Project ID: Former Simpson Pit
Date Collected: 7/7/04
Date Received: 7/8/04

Lab Work Order: 04-4684
Lab Sample ID: 04-4684-15
Sample Matrix: Soil

Method: SW6010 6010 DISSOLVED METALS, WATER
Prep Method: E200.7/SW3010

Date Prepared: 7/19/04	Lab File ID: 71904PM	Dilution Factor: 1		
Date Analyzed: 7/20/04	Method Blank: MB-4999	Lab Fraction ID: 04-4684-15A		
Analytes	CAS Number	Result	LQL	Units
Calcium	7440-70-2	270	1.9	mg/L
Magnesium	7439-95-4	53	0.75	mg/L
Sodium	7440-23-5	830	2.0	mg/L

Method: USDA SODIUM ADSORPTION RATIO, SOIL
Prep Method:

Date Prepared: 7/19/04			Dilution Factor: 1		
Date Analyzed: 7/20/04			Lab Fraction ID: 04-4684-15A		
Analytes	CAS Number	Result	LQL	Units	
Sodium-Adsorption-Ratio		12	0.10	ratio	


Analyst


Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL)

Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Print Date: 7/21/04

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Client Sample ID: Z-8B 12-24
Client Project ID: Former Simpson Pit
Date Collected: 7/7/04
Date Received: 7/8/04

Lab Work Order: 04-4684
Lab Sample ID: 04-4684-16
Sample Matrix: Soil

6010 DISSOLVED METALS, WATER**Method: SW6010****Prep Method: E200.7/SW3010**

Date Prepared: 7/19/04
Date Analyzed: 7/20/04

Lab File ID: 71904PM
Method Blank: MB-4999

Dilution Factor: 1
Lab Fraction ID: 04-4684-16A

Analytes	CAS Number	Result	LQL	Units
Calcium	7440-70-2	110	1.9	mg/L
Magnesium	7439-95-4	25	0.75	mg/L
Sodium	7440-23-5	330	2.0	mg/L

SODIUM ADSORPTION RATIO, SOIL**Method: USDA****Prep Method:**

Date Prepared: 7/19/04
Date Analyzed: 7/20/04

Dilution Factor: 1
Lab Fraction ID: 04-4684-16A

Analytes	CAS Number	Result	LQL	Units
Sodium-Adsorption-Ratio		7.4	0.10	ratio

**Analyst****Approved**

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL)

Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Print Date: 7/21/04

Evergreen Analytical, Inc.

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Client Sample ID: Z-9A 0-12
Client Project ID: Former Simpson Pit
Date Collected: 7/7/04
Date Received: 7/8/04

Lab Work Order: 04-4684
Lab Sample ID: 04-4684-17
Sample Matrix: Soil

6010 DISSOLVED METALS, WATER**Method: SW6010****Prep Method: E200.7/SW3010**

Date Prepared: 7/19/04
Date Analyzed: 7/20/04

Lab File ID: 71904PM
Method Blank: MB-4999

Dilution Factor: 1
Lab Fraction ID: 04-4684-17A

Analytes	CAS Number	Result	LQL	Units
Calcium	7440-70-2	43	1.9	mg/L
Magnesium	7439-95-4	6.2	0.75	mg/L
Sodium	7440-23-5	270	2.0	mg/L


SODIUM ADSORPTION RATIO, SOIL**Method: USDA****Prep Method:**

Date Prepared: 7/19/04
Date Analyzed: 7/20/04

Dilution Factor: 1
Lab Fraction ID: 04-4684-17A

Analytes	CAS Number	Result	LQL	Units
Sodium-Adsorption-Ratio		10	0.10	ratio



Analyst

Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL)

Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Print Date: 7/21/04

Evergreen Analytical, Inc.

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Client Sample ID: Z-9B 12-24
Client Project ID: Former Simpson Pit
Date Collected: 7/7/04
Date Received: 7/8/04

Lab Work Order: 04-4684
Lab Sample ID: 04-4684-18
Sample Matrix: Soil

6010 DISSOLVED METALS, WATER**Method: SW6010****Prep Method: E200.7/SW3010**

Date Prepared: 7/19/04
Date Analyzed: 7/20/04

Lab File ID: 71904PM
Method Blank: MB-4999

Dilution Factor: 1
Lab Fraction ID: 04-4684-18A

Analytes	CAS Number	Result	LQL	Units
Calcium	7440-70-2	50	1.9	mg/L
Magnesium	7439-95-4	11	0.75	mg/L
Sodium	7440-23-5	200	2.0	mg/L

SODIUM ADSORPTION RATIO, SOIL**Method: USDA****Prep Method:**

Date Prepared: 7/19/04
Date Analyzed: 7/20/04

Dilution Factor: 1
Lab Fraction ID: 04-4684-18A

Analytes	CAS Number	Result	LQL	Units
Sodium-Adsorption-Ratio		6.7	0.10	ratio

**Analyst****Approved**

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL)

Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Print Date: 7/21/04

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Client Sample ID: Bckgrnd -1 0-12
Client Project ID: Former Simpson Pit
Date Collected: 7/7/04
Date Received: 7/8/04

Lab Work Order: 04-4684
Lab Sample ID: 04-4684-27
Sample Matrix: Soil

6010 DISSOLVED METALS, WATER

Method: SW6010

Prep Method: E200.7/SW3010

Date Prepared: 7/19/04
Date Analyzed: 7/20/04

Lab File ID: 71904PM
Method Blank: MB-4999

Dilution Factor: 1
Lab Fraction ID: 04-4684-27A

Analytes	CAS Number	Result	LQL	Units
Calcium	7440-70-2	38	1.9	mg/L
Magnesium	7439-95-4	7.3	0.75	mg/L
Sodium	7440-23-5	17	2.0	mg/L

SODIUM ADSORPTION RATIO, SOIL

Method: USDA

Prep Method:

Date Prepared: 7/19/04
Date Analyzed: 7/20/04

Dilution Factor: 1
Lab Fraction ID: 04-4684-27A

Analytes	CAS Number	Result	LQL	Units
Sodium-Adsorption-Ratio		0.66	0.10	ratio



Analyst



Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL)

Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Print Date: 7/21/04

Evergreen Analytical, Inc.

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Client Sample ID: Bckgrnd-2 12-24
Client Project ID: Former Simpson Pit
Date Collected: 7/7/04
Date Received: 7/8/04

Lab Work Order: 04-4684
Lab Sample ID: 04-4684-28
Sample Matrix: Soil

6010 DISSOLVED METALS, WATER**Method: SW6010****Prep Method: E200.7/SW3010**

Date Prepared: 7/19/04

Lab File ID: 71904PM

Dilution Factor: 1

Date Analyzed: 7/20/04

Method Blank: MB-4999

Lab Fraction ID: 04-4684-28A

Analytes	CAS Number	Result	LQL	Units
Calcium	7440-70-2	49	1.9	mg/L
Magnesium	7439-95-4	8.9	0.75	mg/L
Sodium	7440-23-5	49	2.0	mg/L

SODIUM ADSORPTION RATIO, SOIL**Method: USDA****Prep Method:**

Date Prepared: 7/19/04

Dilution Factor: 1

Date Analyzed: 7/20/04

Lab Fraction ID: 04-4684-28A

Analytes	CAS Number	Result	LQL	Units
Sodium-Adsorption-Ratio		1.7	0.10	ratio

**Analyst****Approved**

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL)

Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Print Date: 7/21/04

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Client Sample ID: Split
Client Project ID: Former Simpson Pit
Date Collected: 7/7/04
Date Received: 7/8/04

Lab Work Order: 04-4684
Lab Sample ID: 04-4684-29
Sample Matrix: Soil

6010 DISSOLVED METALS, WATER

Method: SW6010

Prep Method: E200.7/SW3010

Date Prepared: 7/19/04
Date Analyzed: 7/20/04

Lab File ID: 71904PM
Method Blank: MB-4999

Dilution Factor: 1
Lab Fraction ID: 04-4684-29A

Analytes	CAS Number	Result	LQL	Units
Calcium	7440-70-2	45	1.9	mg/L
Magnesium	7439-95-4	7.3	0.75	mg/L
Sodium	7440-23-5	17	2.0	mg/L

SODIUM ADSORPTION RATIO, SOIL

Method: USDA

Prep Method:

Date Prepared: 7/19/04
Date Analyzed: 7/20/04

Dilution Factor: 1
Lab Fraction ID: 04-4684-29A

Analytes	CAS Number	Result	LQL	Units
Sodium-Adsorption-Ratio		0.62	0.10	ratio



Analyst



Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL)

Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Print Date: 7/21/04

Evergreen Analytical, Inc.

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Client Sample ID: Background 1 0-12
Client Project ID: Former Simpson Pit
Date Collected: 7/7/04
Date Received: 7/8/04

Lab Work Order: 04-4684
Lab Sample ID: 04-4684-25
Sample Matrix: Soil

6010 SOIL/SOLID**Method: SW6010****Prep Method: SW3050**

Date Prepared: 7/19/04
Date Analyzed: 7/20/04

Lab File ID: 72004PM
Method Blank: MB-5000

Dilution Factor: 1
Lab Fraction ID: 04-4684-25A

Analytes	CAS Number	Result	LQL	Units
Arsenic	7440-38-2	8.3	2.3	mg/Kg
Barium	7440-39-3	120 B	0.075	mg/Kg
Cadmium	7440-43-9	0.31 B	0.075	mg/Kg
Chromium	7440-47-3	7.9	0.75	mg/Kg
Copper	7440-50-8	9.3	0.23	mg/Kg
Lead	7439-92-1	9.4	5.5	mg/Kg
Molybdenum	7439-98-7	U	0.38	mg/Kg
Nickel	7440-02-0	8.2	0.15	mg/Kg
Selenium	7782-49-2	U	7.5	mg/Kg
Silver	7440-22-4	U	0.34	mg/Kg
Zinc	7440-66-6	27 B	0.84	mg/Kg

MERCURY 7471 SOLID**Method: SW7471****Prep Method: SW7471**

Date Prepared: 7/14/04
Date Analyzed: 7/15/04

Lab File ID: 04071501
Method Blank: MB-4969

Dilution Factor: 1
Lab Fraction ID: 04-4684-25A

Analytes	CAS Number	Result	LQL	Units
Mercury	7439-97-6	0.024	0.018	mg/Kg

**Analyst****Approved**

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL)

Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Print Date: 7/21/04

Evergreen Analytical, Inc.

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Client Sample ID: Background-2 12-24

Client Project ID: Former Simpson Pit

Date Collected: 7/7/04

Date Received: 7/8/04

Lab Work Order: 04-4684

Lab Sample ID: 04-4684-26

Sample Matrix: Soil

6010 SOIL/SOLID

Method: SW6010

Prep Method: SW3050

Date Prepared: 7/19/04

Lab File ID: 72004PM

Dilution Factor: 1

Date Analyzed: 7/20/04

Method Blank: MB-5000

Lab Fraction ID: 04-4684-26A

Analytes	CAS Number	Result	LQL	Units
Arsenic	7440-38-2	8.5	2.5	mg/Kg
Barium	7440-39-3	110 B	0.083	mg/Kg
Cadmium	7440-43-9	0.28 B	0.083	mg/Kg
Chromium	7440-47-3	8.0	0.83	mg/Kg
Copper	7440-50-8	10	0.25	mg/Kg
Lead	7439-92-1	11	6.1	mg/Kg
Molybdenum	7439-98-7	U	0.42	mg/Kg
Nickel	7440-02-0	9.0	0.17	mg/Kg
Selenium	7782-49-2	U	8.3	mg/Kg
Silver	7440-22-4	U	0.38	mg/Kg
Zinc	7440-66-6	31 B	0.93	mg/Kg

MERCURY 7471 SOLID

Method: SW7471

Prep Method: SW7471

Date Prepared: 7/14/04

Lab File ID: 04071501

Dilution Factor: 1

Date Analyzed: 7/15/04

Method Blank: MB-4969

Lab Fraction ID: 04-4684-26A

Analytes	CAS Number	Result	LQL	Units
Mercury	7439-97-6	0.023	0.019	mg/Kg



Analyst



Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL)

Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Print Date: 7/21/04

Evergreen Analytical, Inc.
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(303) 425-6021

Client Sample ID: Site Composite Z1-Z9 0-12
Client Project ID: Former Simpson Pit
Date Collected: 7/7/04
Date Received: 7/8/04

Lab Work Order: 04-4684
Lab Sample ID: 04-4684-30
Sample Matrix: Soil

6010 DISSOLVED METALS, WATER

Method: SW6010

Prep Method: E200.7/SW3010

Date Prepared: 7/19/04	Lab File ID: 71904PM	Dilution Factor: 1		
Date Analyzed: 7/20/04	Method Blank: MB-4999	Lab Fraction ID: 04-4684-30A		
Analytes	CAS Number	Result	LQL	Units
Calcium	7440-70-2	180	1.9	mg/L
Magnesium	7439-95-4	36	0.75	mg/L
Sodium	7440-23-5	2100	2.0	mg/L

6010 SOIL/SOLID

Method: SW6010

Prep Method: SW3050

Date Prepared: 7/19/04	Lab File ID: 72004PM	Dilution Factor: 1		
Date Analyzed: 7/20/04	Method Blank: MB-5000	Lab Fraction ID: 04-4684-30B		
Analytes	CAS Number	Result	LQL	Units
Arsenic	7440-38-2	6.7	2.5	mg/Kg
Barium	7440-39-3	150 B	0.083	mg/Kg
Cadmium	7440-43-9	0.27 B	0.083	mg/Kg
Chromium	7440-47-3	6.5	0.83	mg/Kg
Copper	7440-50-8	8.6	0.25	mg/Kg
Lead	7439-92-1	9.3	6.0	mg/Kg
Molybdenum	7439-98-7	U	0.41	mg/Kg
Nickel	7440-02-0	8.6	0.17	mg/Kg
Selenium	7782-49-2	U	8.3	mg/Kg
Silver	7440-22-4	U	0.37	mg/Kg
Zinc	7440-66-6	30 B	0.93	mg/Kg



Analyst



Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL)

Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Print Date: 7/21/04

Evergreen Analytical, Inc.
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Client Sample ID: Site Composite Z1-Z9 0-12
Client Project ID: Former Simpson Pit
Date Collected: 7/7/04
Date Received: 7/8/04

Lab Work Order: 04-4684
Lab Sample ID: 04-4684-30
Sample Matrix: Soil

Method: SW7471

MERCURY 7471 SOLID

Prep Method: SW7471

Date Prepared: 7/14/04
Date Analyzed: 7/15/04

Lab File ID: 04071501
Method Blank: MB-4969

Dilution Factor: 1
Lab Fraction ID: 04-4684-30B

Analytes	CAS Number	Result	LQL	Units
Mercury	7439-97-6	0.020	0.018	mg/Kg

Method: USDA

SODIUM ADSORPTION RATIO, SOIL

Prep Method:

Date Prepared: 7/19/04
Date Analyzed: 7/20/04

Dilution Factor: 1
Lab Fraction ID: 04-4684-30A

Analytes	CAS Number	Result	LQL	Units
Sodium-Adsorption-Ratio		37	0.10	ratio



Analyst



Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL)

Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Print Date: 7/21/04

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Client Sample ID: Site Composite Z1-Z9 12-24
Client Project ID: Former Simpson Pit
Date Collected: 7/7/04
Date Received: 7/8/04

Lab Work Order: 04-4684
Lab Sample ID: 04-4684-31
Sample Matrix: Soil

Method: SW6010 **6010 DISSOLVED METALS, WATER** **Prep Method: E200.7/SW3010**

Date Prepared: 7/19/04	Lab File ID: 71904PM	Dilution Factor: 1		
Date Analyzed: 7/20/04	Method Blank: MB-4999	Lab Fraction ID: 04-4684-31A		
Analytes	CAS Number	Result	LQL	Units
Calcium	7440-70-2	100	1.9	mg/L
Magnesium	7439-95-4	22	0.75	mg/L
Sodium	7440-23-5	1100	2.0	mg/L

Method: SW6010 **6010 SOIL/SOLID** **Prep Method: SW3050**

Date Prepared: 7/19/04	Lab File ID: 72004PM	Dilution Factor: 1		
Date Analyzed: 7/20/04	Method Blank: MB-5000	Lab Fraction ID: 04-4684-31B		
Analytes	CAS Number	Result	LQL	Units
Arsenic	7440-38-2	7.8	2.4	mg/Kg
Barium	7440-39-3	160 B	0.081	mg/Kg
Cadmium	7440-43-9	0.24 B	0.081	mg/Kg
Chromium	7440-47-3	5.3	0.81	mg/Kg
Copper	7440-50-8	9.2	0.24	mg/Kg
Lead	7439-92-1	11	5.9	mg/Kg
Molybdenum	7439-98-7	U	0.40	mg/Kg
Nickel	7440-02-0	8.8	0.16	mg/Kg
Selenium	7782-49-2	U	8.1	mg/Kg
Silver	7440-22-4	U	0.36	mg/Kg
Zinc	7440-66-6	28 B	0.90	mg/Kg



Analyst



Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL)

Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Print Date: 7/21/04

Evergreen Analytical, Inc.

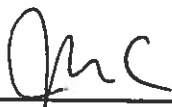
4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Sample ID: Site Composite Z1-Z9 12-24**Client Project ID:** Former Simpson Pit**Date Collected:** 7/7/04**Date Received:** 7/8/04**Lab Work Order:** 04-4684**Lab Sample ID:** 04-4684-31**Sample Matrix:** Soil**MERCURY 7471 SOLID****Method:** SW7471**Prep Method:** SW7471**Date Prepared:** 7/14/04**Lab File ID:** 04071501**Dilution Factor:** 1**Date Analyzed:** 7/15/04**Method Blank:** MB-4969**Lab Fraction ID:** 04-4684-31B

Analytes	CAS Number	Result	LQL	Units
Mercury	7439-97-6	0.021	0.018	mg/Kg

SODIUM ADSORPTION RATIO, SOIL**Method:** USDA**Prep Method:****Date Prepared:** 7/19/04**Dilution Factor:** 1**Date Analyzed:** 7/20/04**Lab Fraction ID:** 04-4684-31A

Analytes	CAS Number	Result	LQL	Units
Sodium-Adsorption-Ratio		26	0.10	ratio

**Analyst****Approved**

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL)

Definitions: NA - Not Applicable
LQL - Lower Quantitation Limit
Surr - Surrogate

Print Date: 7/21/04

Work Order: 04-4684

Client Project ID: Former Simpson Pit

ANALYTICAL QC SUMMARY REPORT

BatchID: 4999

Sample ID: MB-4999	SampleType: MBLK	TestCode: 200.7_T	Run ID: ICP_040719A	Prep Date: 7/19/04	Units: mg/L						
	Batch ID: 4999	TestNo: E200.7	FileID: 71904PM	Analysis Date: 7/20/04	SeqNo: 210754						
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Calcium	U	0.39									
Magnesium	U	0.15									
Sodium	0	0.40									

Sample ID: LCS-4999	SampleType: LCS	TestCode: 200.7_T	Run ID: ICP_040719A	Prep Date: 7/19/04	Units: mg/L						
	Batch ID: 4999	TestNo: E200.7	FileID: 71904PM	Analysis Date: 7/20/04	SeqNo: 210755						
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Calcium	9	0.39	10	0.07052	90	75	125	0	0	0	
Magnesium	8.586	0.15	10	0.02299	85.9	75	125	0	0	0	
Sodium	8.345	0.40	10	0	83.4	75	125	0	0	0	

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
H - Sample exceeded analytical holding time

Print Date: 7/21/04

Work Order: 04-4684

Client Project ID: Former Simpson Pit

ANALYTICAL QC SUMMARY REPORT

BatchID: 4959

Sample ID: MB-4959	SampType: MBLK	TestCode: 200.7_T	Run ID: ICP_040715A	Prep Date: 7/13/04	Units: mg/L						
	Batch ID: 4959	TestNo: E200.7	FileID: 71504PM	Analysis Date: 7/15/04	SeqNo: 209216						
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: LCS-4959	SampType: LCS	TestCode: 200.7_T	Run ID: ICP_040715A	Prep Date: 7/13/04	Units: mg/L						
	Batch ID: 4959	TestNo: E200.7	FileID: 71504PM	Analysis Date: 7/15/04	SeqNo: 209217						
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Calcium	9.211	0.39	10	0.2347	92.1	75	125	0	0		
Magnesium	9.217	0.15	10	0.04975	92.2	75	125	0	0		
Sodium	8.65	0.40	10	0.3065	86.5	75	125	0	0		

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
H - Sample exceeded analytical holding time

Print Date: 7/21/04

Work Order: 04-4684

Client Project ID: Former Simpson Pit

ANALYTICAL QC SUMMARY REPORT

BatchID: 5000

Sample ID: MB-5000	SampType: MBLK	TestCode: 6010_S	Run ID: ICP_040720A	Prep Date: 7/19/04	Units: mg/Kg						
	Batch ID: 5000	TestNo: SW6010	FileID: 72004PM	Analysis Date: 7/20/04	SeqNo: 211080						
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	U	10									
Barium	0.136	0.10									
Cadmium	0.781	0.10									
Chromium	U	2.0									
Copper	U	0.30									
Lead	U	7.3									
Molybdenum	U	0.50									
Nickel	U	0.20									
Selenium	U	10									
Silver	U	1.0									
Zinc	2.399	1.1									

Sample ID: LCS-5000	SampType: LCS	TestCode: 6010_S	Run ID: ICP_040720A	Prep Date: 7/19/04	Units: mg/Kg						
Batch ID: 5000		TestNo: SW6010	FileID: 72004PM	Analysis Date: 7/20/04	SeqNo: 211085						
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	91.24	10	104	0	87.7	37.5	138	0	0		
Barium	369.2	0.10	383	0.136	96.3	3.6	168	0	0		B
Cadmium	76.57	0.10	81.8	0.781	92.7	56.7	145	0	0		B
Chromium	59.13	2.0	67.6	0	87.5	60.4	144	0	0		
Copper	72.94	0.30	84.3	0	86.5	21.5	146	0	0		
Lead	125.8	7.3	130	0.602	96.8	34.5	195	0	0		
Molybdenum	148.9	0.50	157	0	94.8	37.8	187	0	0		
Nickel	134.4	0.20	147	0.167	91.4	52.4	131	0	0		
Selenium	95.35	10	106	0	90	45.2	170	0	0		
Silver	90.35	1.0	86.8	0	104	24.5	145	0	0		
Zinc	268.7	1.1	330	2.399	80.7	47.9	139	0	0		B

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

H - Sample exceeded analytical holding time

Print Date: 7/21/04

Work Order: 04-4684
Client Project ID: Former Simpson Pit

ANALYTICAL QC SUMMARY REPORT

BatchID: 5000

Sample ID: 04-4684-25AMS	SampType: MS	TestCode: 6010_S	Run ID: ICP_040720A	Prep Date: 7/19/04	Units: mg/Kg						
Client ID: Background 1 0-12	Batch ID: 5000	TestNo: SW6010	FileID: 72004PM	Analysis Date: 7/20/04	SeqNo: 211088						
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	130.2	7.9	157.5	8.294	77.4	75	125	0	0		
Barium	449.7	0.079	393.7	116.8	84.5	75	125	0	0		B
Cadmium	13.54	0.079	15.75	0.306	84	75	125	0	0		B
Chromium	135.9	1.6	157.5	7.855	81.3	75	125	0	0		
Copper	135.7	0.24	157.5	9.274	80.3	75	125	0	0		
Lead	133.6	5.7	157.5	9.441	78.9	75	125	0	0		
Molybdenum	114.7	0.39	157.5	0.2173	72.8	75	125	0	0		S
Nickel	127.6	0.16	157.5	8.232	75.8	75	125	0	0		
Selenium	122.7	7.9	157.5	0	77.9	75	125	0	0		
Silver	12.62	0.79	15.75	0	80.1	75	125	0	0		
Zinc	136.2	0.88	157.5	27.15	69.3	75	125	0	0		BS

Sample ID: 04-4684-25AMSD	SampType: MSD	TestCode: 6010_S	Run ID: ICP_040720A	Prep Date: 7/19/04	Units: mg/Kg						
Client ID: Background 1 0-12	Batch ID: 5000	TestNo: SW6010	FileID: 72004PM	Analysis Date: 7/20/04	SeqNo: 211089						
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	133.4	7.9	157.5	8.294	79.4	75	125	130.2	2.44	20	
Barium	460.6	0.079	393.7	116.8	87.3	75	125	449.7	2.40	20	B
Cadmium	13.72	0.079	15.75	0.306	85.2	75	125	13.54	1.35	20	B
Chromium	139	1.6	157.5	7.855	83.3	75	125	135.9	2.27	20	
Copper	137.4	0.24	157.5	9.274	81.4	75	125	135.7	1.24	20	
Lead	135.8	5.7	157.5	9.441	80.2	75	125	133.6	1.58	20	
Molybdenum	116.7	0.39	157.5	0.2173	74.1	75	125	114.7	1.71	20	S
Nickel	129.7	0.16	157.5	8.232	77.1	75	125	127.6	1.59	20	
Selenium	125.7	7.9	157.5	0	79.8	75	125	122.7	2.43	20	
Silver	12.93	0.79	15.75	0	82.1	75	125	12.62	2.40	20	
Zinc	137	0.88	157.5	27.15	69.8	75	125	136.2	0.575	20	BS

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
H - Sample exceeded analytical holding time

Print Date: 7/21/04

Work Order: 04-4684

Client Project ID: Former Simpson Pit

ANALYTICAL QC SUMMARY REPORT

BatchID: 5000

Sample ID: 04-4684-25APDS		SampType: PDS		TestCode: 6010_S		Run ID: ICP_040720A		Prep Date: 7/19/04		Units: mg/Kg	
Client ID: Background 1 0-12		Batch ID: 5000		TestNo: SW6010		FileID: 72004PM		Analysis Date: 7/20/04		SeqNo: 211090	
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	144.5	9.0	150.4	8.294	96.1	75	125	0	0	0	
Barium	476.8	0.090	375.9	116.8	95.8	75	125	0	0	0	B
Cadmium	14.88	0.090	15.04	0.306	96.9	75	125	0	0	0	B
Chromium	135.6	1.8	150.4	7.855	85	75	125	0	0	0	
Copper	146.3	0.27	150.4	9.274	91.1	75	125	0	0	0	
Lead	146.4	6.6	150.4	9.441	91.1	75	125	0	0	0	
Molybdenum	132.7	0.45	150.4	0.2173	88.2	75	125	0	0	0	
Nickel	139.3	0.18	150.4	8.232	87.1	75	125	0	0	0	
Selenium	134.7	9.0	150.4	0	89.6	75	125	0	0	0	
Silver	74.98	0.90	75.19	0	99.7	75	125	0	0	0	
Zinc	145.2	1.0	150.4	27.15	78.5	75	125	0	0	0	B

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
H - Sample exceeded analytical holding time

Print Date: 7/21/04

Work Order: 04-4684

Client Project ID: Former Simpson Pit

ANALYTICAL QC SUMMARY REPORT

BatchID: 4969

Sample ID: MB-4969	SampType: MBLK	TestCode: 7471_S	Run ID: HG ANALYZER_040715A	Prep Date: 7/14/04	Units: mg/Kg						
	Batch ID: 4969	TestNo: SW7471	FileID: 04071501	Analysis Date: 7/15/04	SeqNo: 208604						
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	U	0.020									

Sample ID: LCS-4969	SampType: LCS	TestCode: 7471_S	Run ID: HG ANALYZER_040715A	Prep Date: 7/14/04	Units: mg/Kg						
	Batch ID: 4969	TestNo: SW7471	FileID: 04071501	Analysis Date: 7/15/04	SeqNo: 208606						
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	15.36	0.99	14.6	0	105	57.3	142	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
H - Sample exceeded analytical holding time

Evergreen Analytical, Inc.
4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Project ID Former Simpson Pit
Collection Date: 7/7/2004

Lab Order: 04-4684
Date Received: 7/8/2004
Units: $\mu\text{mhos/cm}$

Specific Conductance @ 25°C
Specific Conductance

Method: Dept of Ag.

Prep Method:

Lab ID	Client ID	Matrix	Date Prepared	Date Analyzed	Results	LQL	DF
04-4684-01A	Z-1A 0-12	Soil	7/12/2004	7/19/2004	14500	1.00	1
04-4684-02A	Z-1B 12-24	Soil	7/12/2004	7/19/2004	4910	1.00	1
04-4684-03A	Z-2A 0-12	Soil	7/12/2004	7/19/2004	21900	1.00	1
04-4684-04A	Z-2B 12-24	Soil	7/12/2004	7/19/2004	8160	1.00	1
04-4684-05A	Z-3A 0-12	Soil	7/12/2004	7/19/2004	18200	1.00	1
04-4684-06A	Z-3B 12-24	Soil	7/12/2004	7/19/2004	18200	1.00	1
04-4684-07A	Z-4A 0-12	Soil	7/12/2004	7/19/2004	17300	1.00	1
04-4684-08A	Z-4B 12-24	Soil	7/12/2004	7/19/2004	7160	1.00	1
04-4684-09A	Z-5A 0-12	Soil	7/13/2004	7/19/2004	10400	1.00	1
04-4684-10A	Z-5B 12-24	Soil	7/13/2004	7/19/2004	11800	1.00	1
04-4684-11A	Z-6A 0-12	Soil	7/13/2004	7/19/2004	467	1.00	1
04-4684-12A	Z-6B 12-24	Soil	7/13/2004	7/19/2004	442	1.00	1
04-4684-13A	Z-7A 0-12	Soil	7/15/2004	7/19/2004	5610	1.00	1
04-4684-14A	Z-7B 12-24	Soil	7/15/2004	7/19/2004	5610	1.00	1
04-4684-15A	Z-8A 0-12	Soil	7/15/2004	7/19/2004	6330	1.00	1
04-4684-16A	Z-8B 12-24	Soil	7/15/2004	7/19/2004	2780	1.00	1
04-4684-17A	Z-9A 0-12	Soil	7/15/2004	7/19/2004	3430	1.00	1
04-4684-18A	Z-9B 12-24	Soil	7/15/2004	7/19/2004	1640	1.00	1
04-4684-27A	Bckgrnd -1 0-12	Soil	7/14/2004	7/19/2004	360	1.00	1
04-4684-28A	Bckgrnd-2 12-24	Soil	7/14/2004	7/19/2004	463	1.00	1
04-4684-29A	Split	Soil	7/14/2004	7/19/2004	410	1.00	1
04-4684-30A	Site Composite Z1-Z9 0-12	Soil	7/13/2004	7/19/2004	12200	1.00	1
04-4684-31A	Site Composite Z1-Z9 12-24	Soil	7/13/2004	7/19/2004	6720	1.00	1

Comments Method :US Dept. of Ag, Handbook #60, p89



Analyst



Approved

Qualifiers: J - Indicates an estimated value when the compound is detected, but is below the LQL
U - Compound analyzed for but not detected
X - See case narrative

Definitions: DF - Dilution Factor
LQL - Lower Quantitation Limit

Print Date: 7/19/2004

Evergreen Analytical, Inc.
4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Client Project ID Former Simpson Pit
Collection Date: 7/7/2004

Lab Order: 04-4684
Date Received: 7/8/2004
Units: pH Units

pH

Method: SW9045C

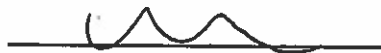
Prep Method:

Lab ID	Client ID	Matrix	Date Prepared	Date Analyzed	Results	LQL	DF
04-4684-01A	Z-1A 0-12	Soil	7/14/2004	7/14/2004	9.03	1.00	1
04-4684-02A	Z-1B 12-24	Soil	7/14/2004	7/14/2004	9.61	1.00	1
04-4684-03A	Z-2A 0-12	Soil	7/14/2004	7/14/2004	8.91	1.00	1
04-4684-04A	Z-2B 12-24	Soil	7/14/2004	7/14/2004	9.29	1.00	1
04-4684-05A	Z-3A 0-12	Soil	7/14/2004	7/14/2004	9.38	1.00	1
04-4684-06A	Z-3B 12-24	Soil	7/14/2004	7/14/2004	9.77	1.00	1
04-4684-07A	Z-4A 0-12	Soil	7/14/2004	7/14/2004	9.47	1.00	1
04-4684-08A	Z-4B 12-24	Soil	7/14/2004	7/14/2004	10.0	1.00	1
04-4684-09A	Z-5A 0-12	Soil	7/14/2004	7/14/2004	8.40	1.00	1
04-4684-10A	Z-5B 12-24	Soil	7/14/2004	7/14/2004	9.37	1.00	1
04-4684-11A	Z-6A 0-12	Soil	7/14/2004	7/14/2004	8.47	1.00	1
04-4684-12A	Z-6B 12-24	Soil	7/14/2004	7/14/2004	9.19	1.00	1
04-4684-13A	Z-7A 0-12	Soil	7/14/2004	7/14/2004	9.51	1.00	1
04-4684-14A	Z-7B 12-24	Soil	7/14/2004	7/14/2004	9.87	1.00	1
04-4684-15A	Z-8A 0-12	Soil	7/14/2004	7/14/2004	9.03	1.00	1
04-4684-16A	Z-8B 12-24	Soil	7/14/2004	7/14/2004	8.50	1.00	1
04-4684-17A	Z-9A 0-12	Soil	7/14/2004	7/14/2004	9.46	1.00	1
04-4684-18A	Z-9B 12-24	Soil	7/14/2004	7/14/2004	9.39	1.00	1
04-4684-27A	Bckgrnd -1 0-12	Soil	7/14/2004	7/14/2004	9.26	1.00	1
04-4684-28A	Bckgrnd-2 12-24	Soil	7/14/2004	7/14/2004	9.31	1.00	1
04-4684-29A	Split	Soil	7/14/2004	7/14/2004	9.27	1.00	1
04-4684-30A	Site Composite Z1-Z9 0-12	Soil	7/14/2004	7/14/2004	9.51	1.00	1
04-4684-31A	Site Composite Z1-Z9 12-24	Soil	7/14/2004	7/14/2004	9.56	1.00	1

Comments



Analyst



Approved

Qualifiers: J - Indicates an estimated value when the compound is detected, but is below the LQL
U - Compound analyzed for but not detected
X - See case narrative

Definitions: DF - Dilution Factor
LQL - Lower Quantitation Limit

Print Date: 7/19/2004

Evergreen Analytical, Inc.
4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862
(303) 425-6021

Lab Order: 04-4684
Client Project ID: Former Simpson Pit
Matrix: Soil
Date Received: 7/8/04
Date Prepared: 7/9/04
Prep Batch ID: 4937
Units: mg/Kg

**Total Extractable Hydrocarbons
Diesel Fuel (No. 2)**

Method: SW8015M		Prep Method: SW3550A					
Lab ID	Client Sample ID	File ID	Date Collected	Date Analyzed	DF	Surr REC	Sample Results LQL
04-4684-19A	SITE COMP #1 Z1-Z9 0-12	FID30712\017R	7/7/04	7/13/04	1	63%	18
04-4684-20A	SITE COMP #2 0-12	FID30712\018R	7/7/04	7/13/04	1	75%	25
04-4684-21A	SITE COMP #1 Z1-Z9 12-24	FID30712\019R	7/7/04	7/13/04	1	74%	47
04-4684-22A	SITE COMP #2 Z1-Z9 12-24	FID30712\020R	7/7/04	7/13/04	1	63%	44
04-4684-23A	Background 1 0-12	FID30709\063R	7/7/04	7/10/04	1	71%	U
04-4684-24A	Background 1 0-12	FID30709\064R	7/7/04	7/10/04	1	65%	U
Surrogate QC Limits 20-167 %REC		Surr: TBB					

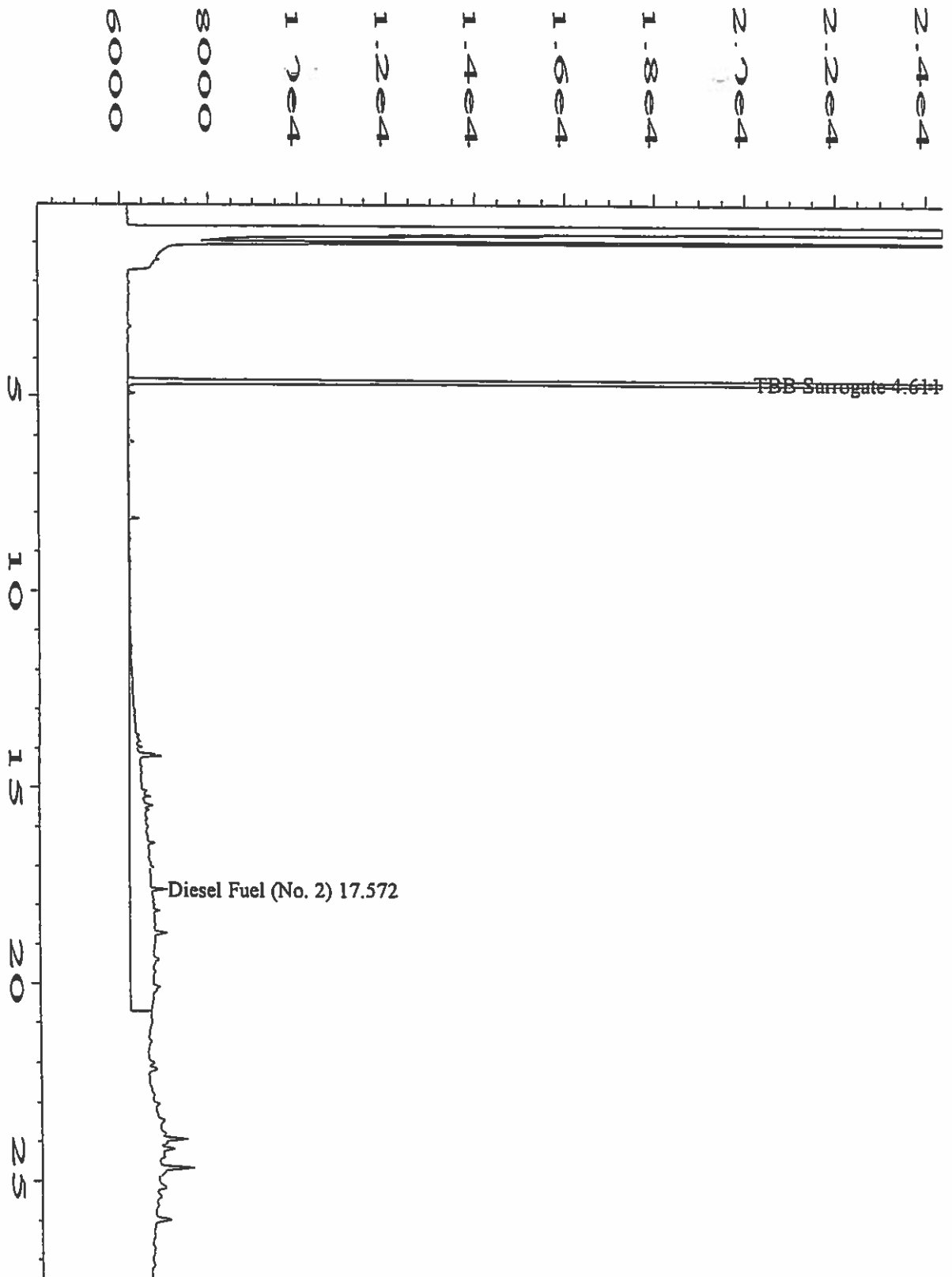
Analyst

Approved

Qualifiers: B - Analyte detected in the associated Method Blank, value not subtracted from result
E - Extrapolated value. Value exceeds calibration range
H - Sample exceeded analytical holding time
J - Indicates an estimated value when the compound is detected, but is below the LQL
S - Spike Recovery outside accepted limits
U - Compound analyzed for but not detected
X - See case narrative
* - Value exceeded the Maximum Contamination Level (MCL)

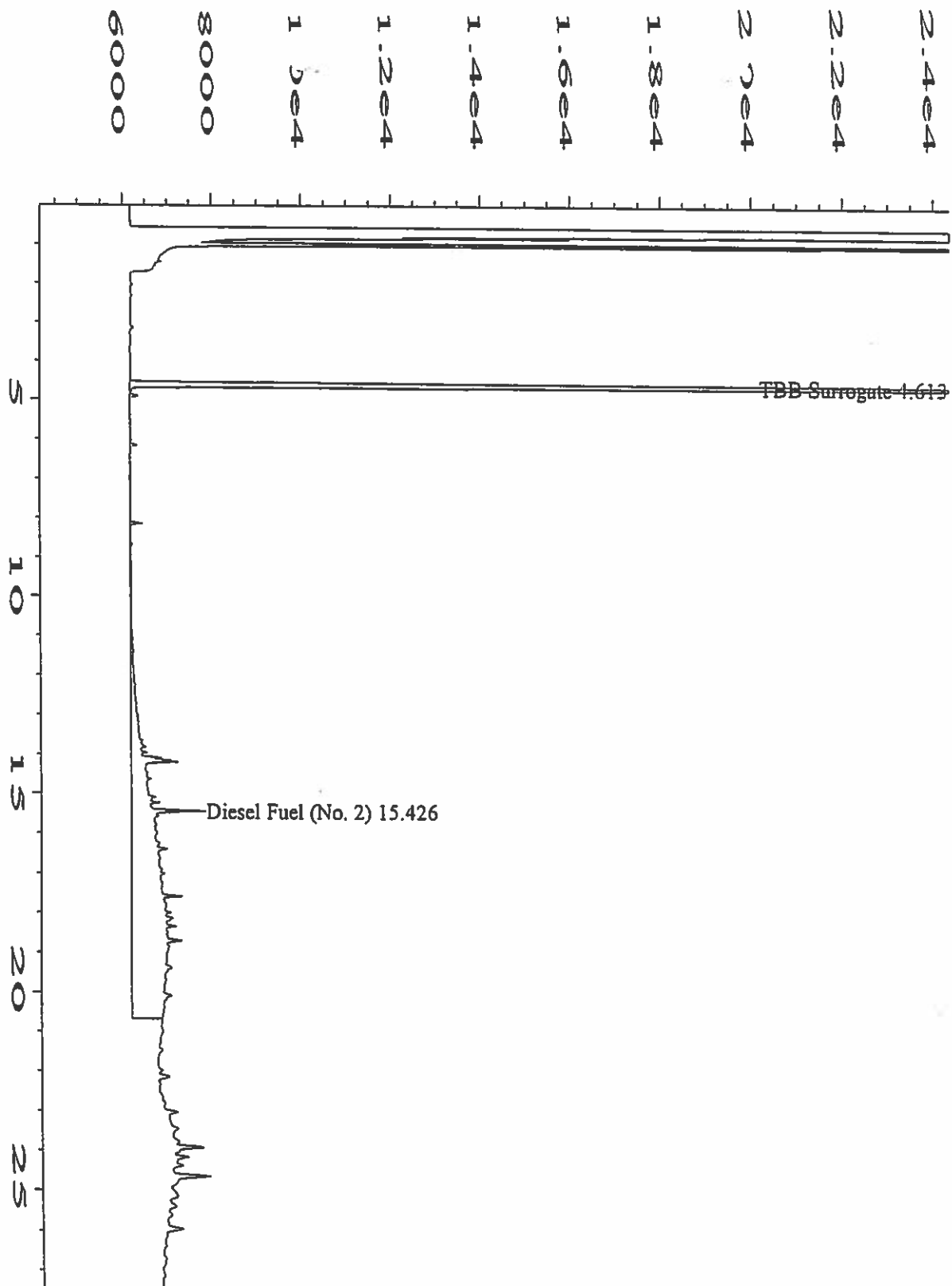
Definitions: DF - Dilution Factor
LQL - Lower Quantitation Limit
Surr - Surrogate

user modified



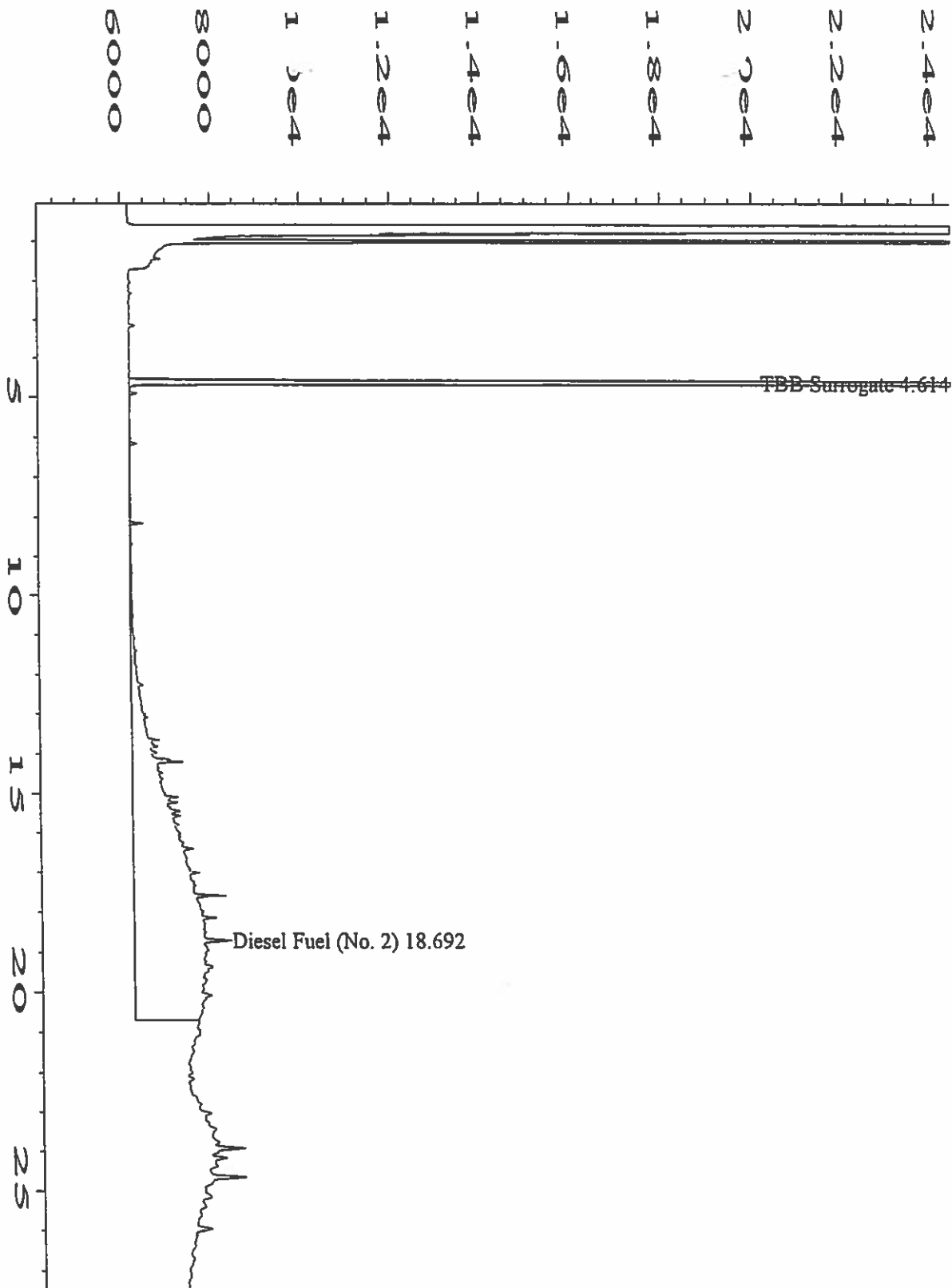
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Sample Name	: 04-4684-19A	Sequence Line	: 1
Run Time Bar Code:		Instrument Method	: FID3BASE.MTH
Acquired on	: 13 Jul 04 04:47 AM	Analysis Method	: FD3R702B.MTH
Report Created on	: 13 Jul 04 10:08 AM	Sample Amount	: 0
Last Recalib on	: 03 JUL 04 03:50 PM	ISTD Amount	:
Multiplier	: 1		

user modified



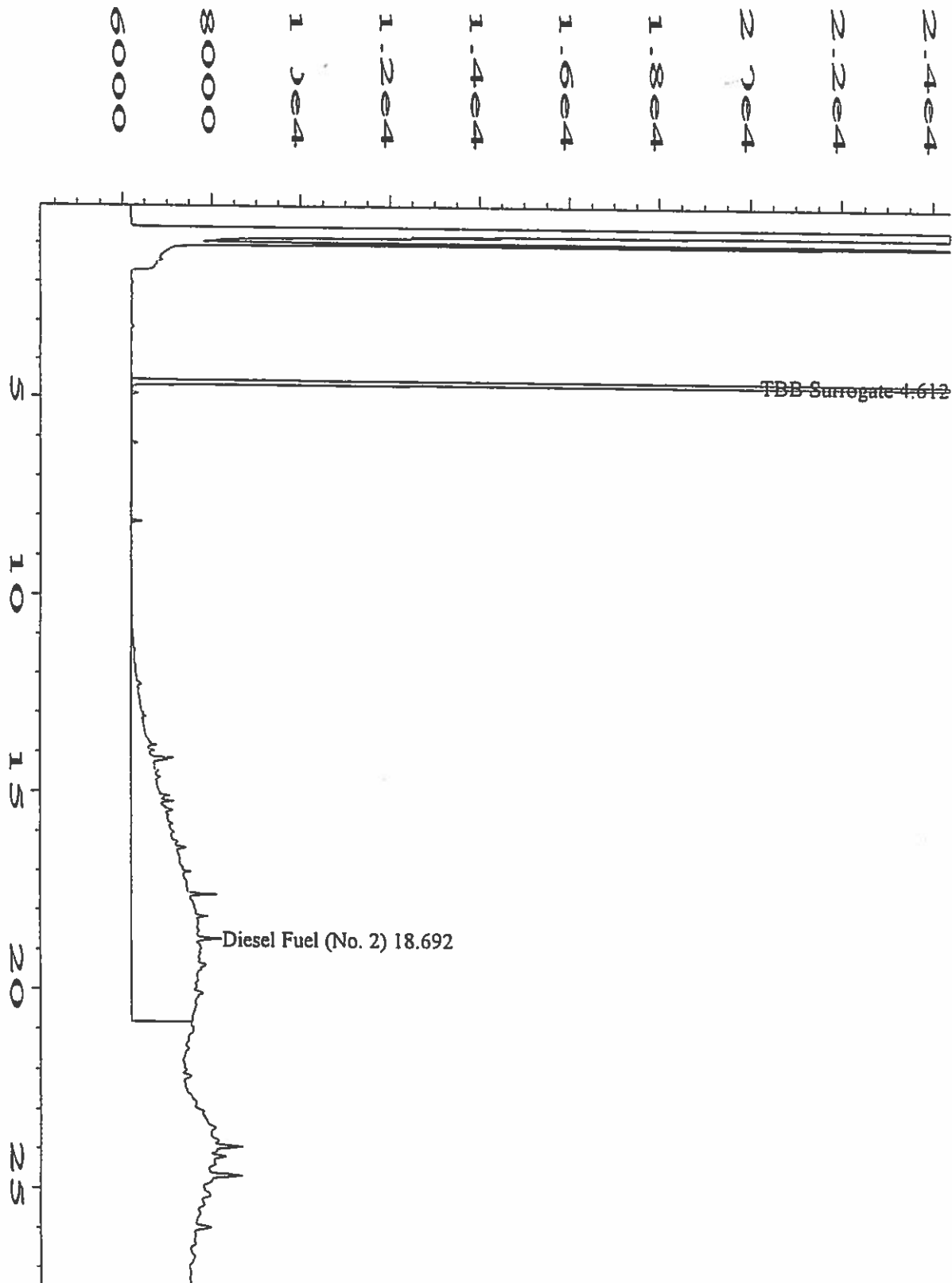
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Instrument	: FID3	Injection Number	: 1
Sample Name	: 04-4684-20A	Sequence Line	: 1
Run Time Bar Code:		Instrument Method:	FID3BASE.MTH
Acquired on	: 13 Jul 04 05:21 AM	Analysis Method	: FD3R702B.MTH
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Last Recalib on	: 03 JUL 04 03:50 PM	ISTD Amount	:
Multiplier	: 1		

user modified



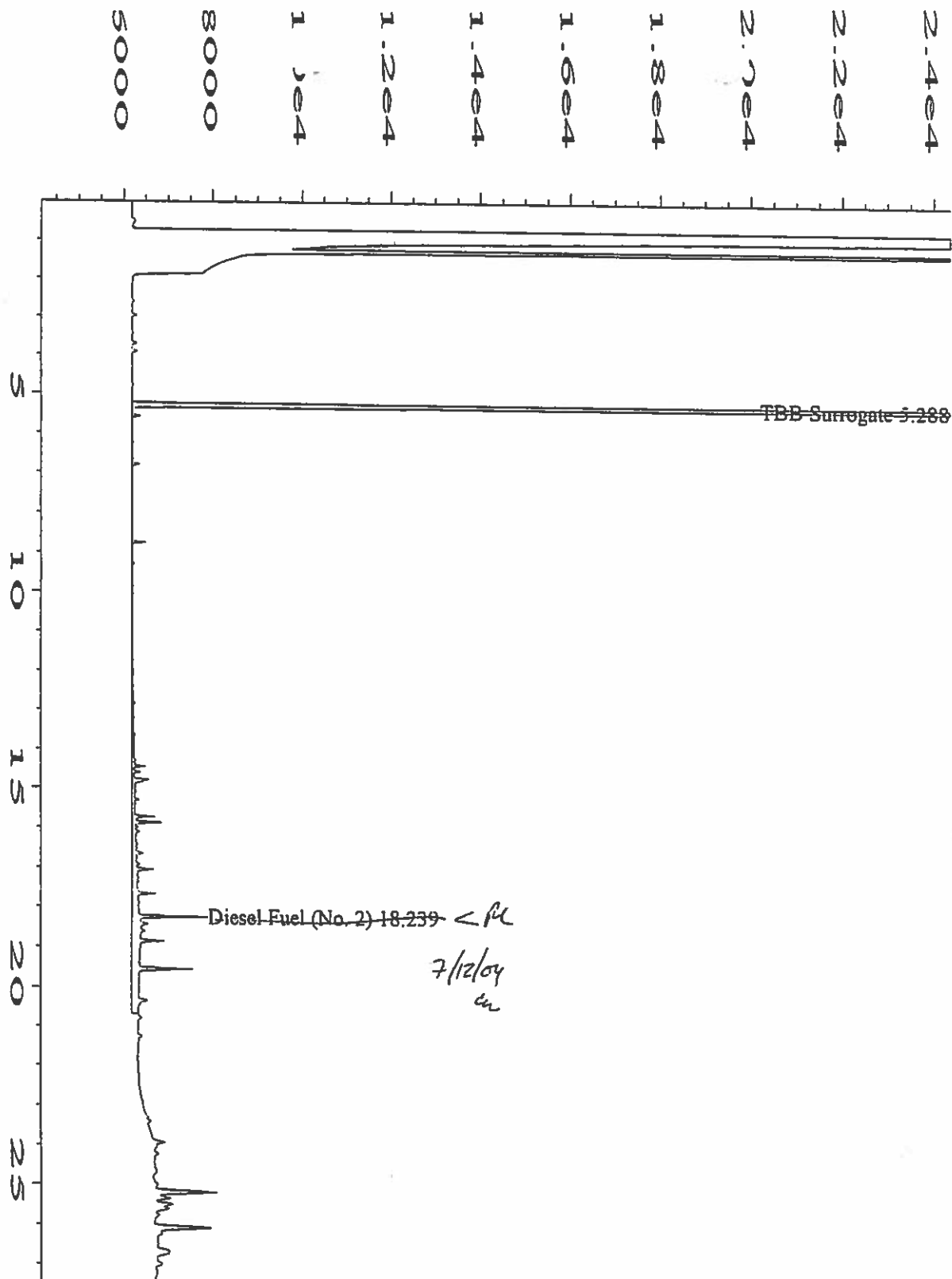
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Operator	: c.crone/K. Hollman	Vial Number	: 19
Instrument	: FID3	Injection Number	: 1
Sample Name	: 04-4684-21A	Sequence Line	: 1
Run Time Bar Code:		Instrument Method:	FID3BASE.MTH
Acquired on	: 13 Jul 04 05:56 AM	Analysis Method	: FD3R702B.MTH
Report Created on:	13 Jul 04 10:30 AM	Sample Amount	: 0
Last Recalib on	: 03 JUL 04 03:50 PM	ISTD Amount	:
Multiplier	: 1		

user modified

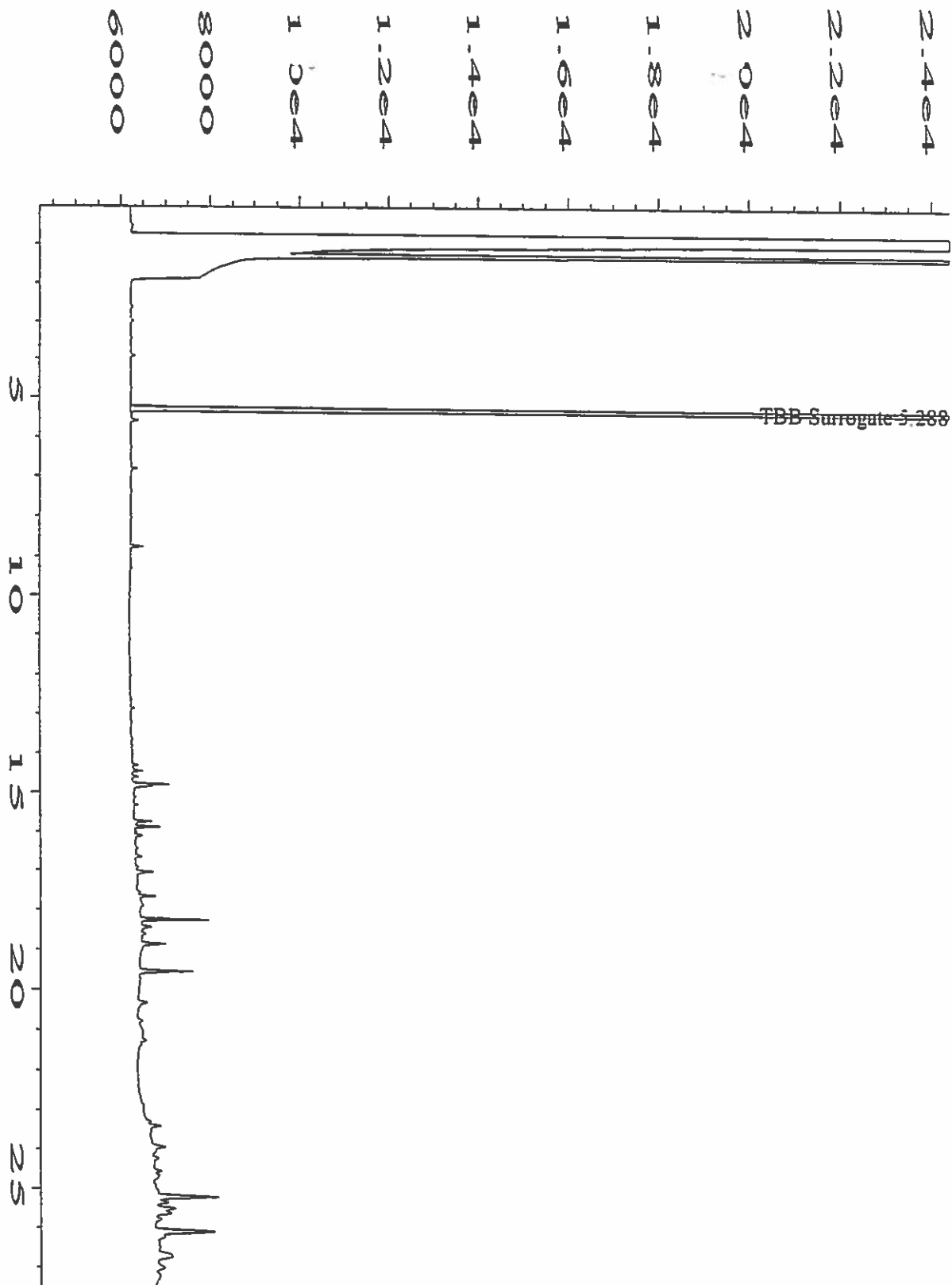


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Instrument	: FID3	Injection Number	: 1
Sample Name	: 04-4684-22A	Sequence Line	: 1
Run Time Bar Code:		Instrument Method	: FID3BASE.MTH
Acquired on	: 13 Jul 04 06:30 AM	Analysis Method	: FD3R702B.MTH
Report Created on	: 13 Jul 04 10:32 AM	Sample Amount	: 0
Last Recalib on	: 03 JUL 04 03:50 PM	ISTD Amount	:
Multiplier	: 1		

user modified



Data File Name	: C:\HPCHEM\1\DATA\FID30709\063R0101.D	Page Number	: 1
Operator	: c.crone	Vial Number	: 63
Instrument	: FID3	Injection Number	: 1
Sample Name	: 04-4684-23A	Sequence Line	: 1
Run Time Bar Code:		Instrument Method	: FID3BASE.MTH
Acquired on	: 10 Jul 04 10:27 PM	Analysis Method	: FD3R702B.MTH
Report Created on:	: 13 Jul 04 10:36 AM	Sample Amount	: 0
Last Recalib on	: 03 JUL 04 03:50 PM	ISTD Amount	:
Multiplier	: 1		



Data File Name	: C:\HPCHEM\1\DATA\FID30709\064R0101.D	Page Number	: 1
Operator	: c.crone	Vial Number	: 64
Instrument	: FID3	Injection Number	: 1
Sample Name	: 04-4684-24A	Sequence Line	: 1
Run Time Bar Code:		Instrument Method:	FID3BASE.MTH
Acquired on	: 10 Jul 04 11:01 PM	Analysis Method	: FD3R702B.MTH
Report Created on:	11 Jul 04 12:01 PM	Sample Amount	: 0
Last Recalib on	: 03 JUL 04 03:50 PM	ISTD Amount	:
Multiplier	: 1		
Sample Info	: SAMP TEH_S		
	DF=1		

Work Order: 04-4684

Client Project ID: Former Simpson Pit

ANALYTICAL QC SUMMARY REPORT

BatchID: 4937

Sample ID: MB-4937	SampType: MBLK	TestCode: TEH_S	Run ID: FID3_040709B	Prep Date: 7/9/04	Units: mg/Kg					
	Batch ID: 4937	TestNo: SW8015M	FileID: FID30709050R	Analysis Date: 7/10/04	SeqNo: 206676					
Analyte	Result	LQL	SPK value	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: LCS-4937	SampType: LCS	TestCode: TEH_S	Run ID: FID3_040709B	Prep Date: 7/9/04	Units: mg/Kg					
	Batch ID: 4937	TestNo: SW8015M	FileID: FID30709051R	Analysis Date: 7/10/04	SeqNo: 206677					
Analyte	Result	LQL	SPK value	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: 04-4699-06CMS	SampType: MS	TestCode: TEH_S	Run ID: FID3_040709B	Prep Date: 7/9/04	Units: mg/Kg						
	Batch ID: 4937	TestNo: SW8015M	FileID: FID30709071R	Analysis Date: 7/11/04	SeqNo: 206689						
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: 04-4699-06CMSD	SampType: MSD	TestCode: TEH_S	Run ID: FID3_040709B	Prep Date: 7/9/04	Units: mg/Kg						
	Batch ID: 4937	TestNo: SW8015M	FileID: FID30709\072R	Analysis Date: 7/11/04	SeqNo: 206690						
Analyte	Result	LQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank
 H - Sample exceeded analytical holding time

Print Date: 7/13/04

HAZEN —

BORON —



Evergreen Analytical, Inc.

4038 Youngfield St.
Wheat Ridge, CO 80033-3862
PH (303) 425-6021
FAX (303) 425-6854

FAX

"Quality Data On Time"

TO: <i>Gene Fritzler</i>	DATE: 08/03/04
COMPANY: <i>Fritzler Res.</i>	# PAGES (Including Cover): 2
FAX #:	FROM:

MESSAGE-Please deliver to the recipient immediately:

4684

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Hazen Research, Inc.

4601 Indiana Street
Golden, CO 80403 USA
Tel: (303) 278-4501
Fax: (303) 278-1528

DATE August 2, 2004
HRI PROJECT 008-93
HRI SERIES NO. G182/04
DATE REC'D 07/09/2004
CUST. P.O.# 3041

Evergreen Analytical, Inc.
Carl Smith
4038 Youngfield
Wheat Ridge, CO 80033

REPORT OF ANALYSIS

HRI SAMPLE #	SAMPLE IDENTIFICATION	Boron (Hot Water Soluble), mg/kg
G182-1	04-4684-25 - sampled on 07/07/2004 (<i>BACKGROUND 10-12</i>)	1.8
G182-2	04-4684-26 - sampled on 07/07/2004 (<i>11 - 2 12-24</i>)	1.5
G182-3	04-4684-30 - sampled on 07/07/2004 (<i>SITE COMP 21-29 0-12</i>)	21.1
G182-4	04-4684-31 - sampled on 07/07/2004 (<i>11 " 21-29 12-24</i>)	13.4



CHAIN OF CUSTODY RECORD

COMPANY NAME: Fertilizer Resources Inc.		CONTACT PERSON: Gene Friedman		Colorado Analytical Laboratories, Inc. P.O. Drawer 507 240 South Main Street Brighton, Colorado 80601 303-659-2313 FAX: 303-659-2315		LABORATORY USE ONLY NO 017348 20555	
ADDRESS: 300 E. Burlington Ave.		PROJECT ID / DESCRIPTION: Former Simpson R.T.		LAB # 20555		LABORATORY USE ONLY NO 017348	
CITY/STATE/ZIP: Ft. Morgan		SAMPLED BY: Gene Friedman		LABORATORY USE ONLY LAB #		LABORATORY USE ONLY NO 017348	
TELEPHONE: 970-867-9388		P.O. NO.:		LABORATORY USE ONLY LGN		LABORATORY USE ONLY LOC	
FAX:		Sample Matrix (Circle One): DRINKING WATER WASTE WATER GROUND WATER SURFACE WATER SLUDGE		LABORATORY USE ONLY QC		LABORATORY USE ONLY DISP	
OTHER (Specify):		DATE		TIME		LABORATORY USE ONLY DUE	
DATE		CLIENT SAMPLE ID:		TESTS REQUESTED		REPORT RESULTS TO CDH: Y OR N (DRINKING WATER ONLY) PUBLIC WATER SUPPLY INFO:	
7-7-04 12:30		Background 0-12		1		PWSID:	
7-7		Background 12-24		1		SYS NAME:	
7-7		Z1B 12-24		1		ADDRESS:	
7-7		Z1A 0-12		1		CITY/STATE:	
7-7		Z2A 0-12		1		ZIP:	
7-7		Site Composite 0-12		1		COUNTY:	
7-7		Site Composite 12-24		1		DELIVERED BY:	
COMMENTS:		RECEIVED BY:		DATE/TIME:		RECEIVED BY:	
RECEIVED BY:		DATE/TIME:		RELINQUISHED BY:		DATE/TIME:	
7-7-04		7-7-04		7-7-04		7-7-04	

Mailing Address: P.O. Drawer 507 • Brighton, CO 80601



Hazen Research, Inc.
4601 Indiana Street
Golden, CO 80403 USA
Tel: (303) 279-4501
Fax: (303) 278-1528

AUG 03 2004

DATE August 2, 2004
HRI PROJECT 009-93
HRI SERIES NO. G182/04
DATE REC'D 07/09/2004
CUST. P.O.# 3041

Evergreen Analytical, Inc.
Carl Smits
4036 Youngfield
Wheat Ridge, CO 80033

REPORT OF ANALYSIS

HRI SAMPLE #	SAMPLE IDENTIFICATION	Boron (Hot Water Soluble), mg/kg
G182 -1	04-4684-25 - sampled on 07/07/2004	1.8
G182 -2	04-4684-26 - sampled on 07/07/2004	1.5
G182 -3	04-4684-30 - sampled on 07/07/2004	21.1
G182 -4	04-4684-31 - sampled on 07/07/2004	13.4

By: 

Robert Rostad
Laboratory Manager



Hazen Research, Inc.
4801 Indiana Street
Golden, CO 80403 USA
Tel: (303) 278-4501
Fax: (303) 278-1528


Evergreen Analytical, Inc.
Carl Smits
4038 Youngfield
Wheat Ridge, CO 80033

DATE August 2, 2004
HRI PROJECT 008-93
HRI SERIES NO. G182/04
DATE REC'D 07/09/2004
CUST. P.O.# 3041

REPORT OF ANALYSIS

HRI SAMPLE #	SAMPLE IDENTIFICATION	Boron (Hot Water Soluble), mg/kg
G182-1	04-4884-25 - sampled on 07/07/2004 (BACKGROUND 10-12)	1.8
G182-2	04-4884-26 - sampled on 07/07/2004 (" -2 12-24)	1.5
G182-3	04-4884-30 - sampled on 07/07/2004 (SITE COMP 21-29 0-12)	21.1
G182-4	04-4884-31 - sampled on 07/07/2004 (" " 21-29 12-24)	13.4

Page 1 of 1

By: 
Robert Rostad
Laboratory Manager

An Employee-Owned Company

Nutrient

Colo. Analytical

SOIL NUTRIENT LABORATORY REPORT

LAB NO: 20595.02 DATE RCVD: 7/8/04 REPORTED: 7/19/04	REPORT TO: GENE FRITZLER	BILL TO: FRITZLER RESOURCES, INC. 300 E. BURLINGTON DRIVE FORT MORGAN, CO 80701
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SAMPLE ID: BACKGROUND 12-24"

PROJECT: FORMER SIMPSON PIT

LABORATORY RESULTS:		SAMPLE RESULT LOW-----AVE-----HIGH		
FIELD TEXTURE (EST)		SILT LOAM		
pH (UNITS)	7.9	*****		
SALTS (MMHOS/CM)	0.77	*****		
CEC EST. (MEQ/100G)	15.9	*****		
LIME (QUAL.)	MEDIUM	*****		
ORGANIC MATTER (%)	3.5	*****		
ORGANIC N (LBS/ACRE)	106.2	*****		
SODIUM (MEQ/100G SOIL)	0.50	*****		
AVAILABLE NUTRIENTS (PPM)				
NITRATE-N	0.7			
PHOSPHORUS (Na BICARB)	4.0	****		
POTASSIUM	278.8	*****		
CALCIUM	4350.0	*****		
MAGNESIUM	616.0	*****		
SULFUR	1.0			
BORON	0.5	*****		
ZINC	0.2	***		
IRON	4.4	*****		
MANGANESE	1.8	*****		
COPPER	2.2	*****		
NOTE: AVERAGE VALUES ARE FOR COLORADO SOILS				
FERTILIZER RECOMMENDATIONS				
CROP	GENERAL LANDSCAPE			
YIELD GOAL	AVE			
NITROGEN	130	LBS/ACRE		
PHOSPHORUS - P ₂ O ₅	80	LBS/ACRE		
POTASSIUM - K ₂ O	0	LBS/ACRE		
SULFUR - SO ₂ -S	60	LBS/ACRE		
LIME	0	LBS/ACRE		
COMMENTS: SPLIT N RECOMMENDATION 2 TO 3 TIMES THROUGHOUT THE GROWING SEASON. TO CONVERT RECOMMENDATIONS TO LBS/1000 SQ FT DIVIDE BY 40.				



SOIL NUTRIENT LABORATORY REPORT

LAB NO: 20595.01 DATE RCVD: 7/8/04 REPORTED: 7/19/04	REPORT TO: GENE FRITZLER	BILL TO: FRITZLER RESOURCES, INC. 300 E. BURLINGTON DRIVE FORT MORGAN, CO 80701
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SAMPLE ID: BACKGROUND 0-12"

PROJECT: FORMER SIMPSON PIT

LABORATORY RESULTS:		SAMPLE	
	RESULT	LOW-----	AVE-----HIGH
FIELD TEXTURE (EST)	SILT LOAM		
pH (UNITS)	7.6	*****	
SALTS (MMHOS/CM)	0.81	*****	
CEC EST. (MEQ/100G)	16.8	*****	
LIME (QUAL.)	MEDIUM	*****	
ORGANIC MATTER (%)	4.0	*****	
ORGANIC N (LBS/ACRE)	118.6	*****	
SODIUM (MEQ/100G SOIL)	0.10	**	
AVAILABLE NUTRIENTS (PPM)			
NITRATE-N	0.7		
PHOSPHORUS (Na BICARB)	5.5	*****	
POTASSIUM	286.4	*****	
CALCIUM	4456.4	*****	
MAGNESIUM	430.4	*****	
SULFUR	1.4	*	
BORON	0.7	*****	
ZINC	0.1	**	
IRON	5.0	*****	
MANGANESE	2.2	*****	
COPPER	1.2	*****	
NOTE: AVERAGE VALUES ARE FOR COLORADO SOILS			
FERTILIZER RECOMMENDATIONS			
CROP	GENERAL LANDSCAPE		
YIELD GOAL	AVE		
NITROGEN	130 LBS/ACRE		
PHOSPHORUS - P ₂ O ₅	80 LBS/ACRE		
POTASSIUM - K ₂ O	0 LBS/ACRE		
SULFUR - SO ₄ -S	60 LBS/ACRE		
LIME	0 LBS/ACRE		
COMMENTS: SPLIT N RECOMMENDATION 2 TO 3 TIMES THROUGHOUT THE GROWING SEASON. TO CONVERT RECOMMENDATIONS TO LBS/1000 SQ FT DIVIDE BY 40.			



SOIL NUTRIENT LABORATORY REPORT

LAB NO: 20595.06 DATE RCVD: 7/8/04 REPORTED: 7/19/04	REPORT TO: GENE FRITZLER	BILL TO: FRITZLER RESOURCES, INC. 300 E. BURLINGTON DRIVE FORT MORGAN, CO 80701
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SAMPLE ID: SITE COMPOSITE 0-12

PROJECT: FORMER SIMPSON PIT

LABORATORY RESULTS:		SAMPLE		
	RESULT	LOW	AVE	HIGH
FIELD TEXTURE (EST)		SILT LOAM		
pH (UNITS)	8.2	*****		
SALTS (MMHOS/CM)	8.00	*****		
CEC EST. (MEQ/100G)	14.0	*****		
LIME (QUAL.)	MEDIUM	*****		
ORGANIC MATTER (%)	2.6	*****		
ORGANIC N (LBS/ACRE)	76.9	*****		
SODIUM (MEQ/100G SOIL)	9.04	*****		
AVAILABLE NUTRIENTS (PPM)				
NITRATE-N	36.1	*****		
PHOSPHORUS (Na BICARB)	9.5	*****		
POTASSIUM	345.6	*****		
CALCIUM	3643.1	*****		
MAGNESIUM	309.5	*****		
SULFUR	135.1	*****		
BORON	5.0	*****		
ZINC	0.3	*****		
IRON	7.3	*****		
MANGANESE	3.4	*****		
COPPER	2.5	*****		
NOTE: AVERAGE VALUES ARE FOR COLORADO SOILS				
FERTILIZER RECOMMENDATIONS				
CROP	GENERAL LANDSCAPE			
YIELD GOAL	AVE			
NITROGEN	60	LBS/ACRE		
PHOSPHORUS - P ₂ O ₅	80	LBS/ACRE		
POTASSIUM - K ₂ O	0	LBS/ACRE		
SULFUR - SO ₂ -S	0	LBS/ACRE		
LIME	0	LBS/ACRE		
COMMENTS: SPLIT N RECOMMENDATION 2 TO 3 TIMES THROUGHOUT THE GROWING SEASON.				
TO CONVERT RECOMMENDATIONS TO LBS/1000 SQ FT DIVIDE BY 40. YIELD REDUCTION LIKELY DUE TO HIGH SALTS.				
SOIL CONTAINS EXCESS ALKALI.				
YIELD REDUCTION LIKELY DUE TO HIGH BORON.				



SOIL NUTRIENT LABORATORY REPORT

LAB NO: 20595.07 DATE RCVD: 7/8/04 REPORTED: 7/19/04	REPORT TO: GENE FRITZLER	BILL TO: FRITZLER RESOURCES, INC. 300 E. BURLINGTON DRIVE FORT MORGAN, CO 80701
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SAMPLE ID: SITE COMPOSITE 12-24

PROJECT: FORMER SIMPSON PIT

LABORATORY RESULTS:		SAMPLE		
	RESULT	LOW	AVE	HIGH
FIELD TEXTURE (EST)		SILT LOAM		
pH (UNITS)	8.4	*****		
SALTS (MMHOS/CM)	5.05	*****		
CEC EST. (MEQ/100G)	14.2	*****		
LIME (QUAL.)	HIGH	*****		
ORGANIC MATTER (%)	2.7	*****		
ORGANIC N (LBS/ACRE)	79.6	*****		
SODIUM (MEQ/100G SOIL)	7.95	*****		
<u>AVAILABLE NUTRIENTS (PPM)</u>				
NITRATE-N	15.1	*****		
PHOSPHORUS (Na BICARB)	7.7	*****		
POTASSIUM	362.1	*****		
CALCIUM	4073.6	*****		
MAGNESIUM	416.3	*****		
SULFUR	92.8	*****		
BORON	4.9	*****		
ZINC	0.5	*****		
IRON	8.0	*****		
MANGANESE	3.2	*****		
COPPER	2.5	*****		
NOTE: AVERAGE VALUES ARE FOR COLORADO SOILS				

FERTILIZER RECOMMENDATIONS

CROP	GENERAL LANDSCAPE
YIELD GOAL	AVE
NITROGEN	100 LBS/ACRE
PHOSPHORUS - P ₂ O ₅	80 LBS/ACRE
POTASSIUM - K ₂ O	0 LBS/ACRE
SULFUR - SO ₂ -S	0 LBS/ACRE
LIME	0 LBS/ACRE

COMMENTS: SPLIT N RECOMMENDATION 2 TO 3 TIMES THROUGHOUT THE GROWING SEASON.
TO CONVERT RECOMMENDATIONS TO LBS/1000 SQ FT DIVIDE BY 40. YIELD REDUCTION LIKELY DUE TO HIGH SALTS.
SOIL CONTAINS EXCESS ALKALI.

YIELD REDUCTION LIKELY DUE TO HIGH BORON.



SOIL NUTRIENT LABORATORY REPORT

LAB NO: 20595.04 DATE RCVD: 7/8/04 REPORTED: 7/19/04	REPORT TO: GENE FRITZLER	BILL TO: FRITZLER RESOURCES, INC. 300 E. BURLINGTON DRIVE FORT MORGAN, CO 80701
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SAMPLE ID: Z1 A 0-12

PROJECT: FORMER SIMPSON PIT

LABORATORY RESULTS:		SAMPLE	
	RESULT	LOW	AVE
FIELD TEXTURE (EST)			HIGH
pH (UNITS)	8.1	*****	
SALTS (MMHOS/CM)	10.15	*****	
CEC EST. (MEQ/100G)	14.6	*****	
LIME (QUAL.)	MEDIUM	*****	
ORGANIC MATTER (%)	2.9	*****	
ORGANIC N (LBS/ACRE)	86.0	*****	
SODIUM (MEQ/100G SOIL)	9.14	*****	
AVAILABLE NUTRIENTS (PPM)			
NITRATE-N	68.3	*****	
PHOSPHORUS (Na BICARB)	11.7	*****	
POTASSIUM	425.8	*****	
CALCIUM	3981.1	*****	
MAGNESIUM	293.8	*****	
SULFUR	142.7	*****	
BORON	3.4	*****	
ZINC	0.4	*****	
IRON	9.1	*****	
MANGANESE	3.1	*****	
COPPER	2.5	*****	
NOTE: AVERAGE VALUES ARE FOR COLORADO SOILS			
FERTILIZER RECOMMENDATIONS			
CROP	GENERAL LANDSCAPE		
YIELD GOAL	AVE		
NITROGEN	0 LBS/ACRE		
PHOSPHORUS - P ₂ O ₅	60 LBS/ACRE		
POTASSIUM - K ₂ O	0 LBS/ACRE		
SULFUR - SO ₄ -S	0 LBS/ACRE		
LIME	0 LBS/ACRE		
COMMENTS:			
SOIL CONTAINS EXCESS ALKALI.		YIELD REDUCTION LIKELY DUE TO HIGH SALTS.	
		YIELD REDUCTION LIKELY DUE TO HIGH BORON.	



SOIL NUTRIENT LABORATORY REPORT

LAB NO: 20595.03 DATE RCVD: 7/8/04 REPORTED: 7/19/04	REPORT TO: GENE FRITZLER	BILL TO: FRITZLER RESOURCES, INC. 300 E. BURLINGTON DRIVE FORT MORGAN, CO 80701
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SAMPLE ID: Z1 B 12-24

PROJECT: FORMER SIMPSON PIT

LABORATORY RESULTS:		SAMPLE		
	RESULT	LOW	AVE	HIGH
FIELD TEXTURE (EST)		SILT LOAM		
pH (UNITS)	8.4	*****		
SALTS (MMHOS/CM)	6.08	*****		
CEC EST. (MEQ/100G)	14.1	*****		
LIME (QUAL.)	MEDIUM	*****		
ORGANIC MATTER (%)	2.6	*****		
ORGANIC N (LBS/ACRE)	78.6	*****		
SODIUM (MEQ/100G SOIL)	7.95	*****		
AVAILABLE NUTRIENTS (PPM)				
NITRATE-N	27.4	*****		
PHOSPHORUS (Na BICARB)	9.4	*****		
POTASSIUM	359.1	*****		
CALCIUM	3644.9	*****		
MAGNESIUM	276.5	*****		
SULFUR	34.3	*****		
BORON	4.0	*****		
ZINC	0.7	*****		
IRON	13.0	*****		
MANGANESE	2.9	*****		
COPPER	2.6	*****		
NOTE: AVERAGE VALUES ARE FOR COLORADO SOILS				
FERTILIZER RECOMMENDATIONS				
CROP	GENERAL LANDSCAPE			
YIELD GOAL	AVE			
NITROGEN	80	LBS/ACRE		
PHOSPHORUS - P ₂ O ₅	80	LBS/ACRE		
POTASSIUM - K ₂ O	0	LBS/ACRE		
SULFUR - SO ₂ S	5	LBS/ACRE		
LIME	0	LBS/ACRE		
COMMENTS: SPLIT N RECOMMENDATION 2 TO 3 TIMES THROUGHOUT THE GROWING SEASON.				
TO CONVERT RECOMMENDATIONS TO LBS/1000 SQ FT DIVIDE BY 40. YIELD REDUCTION LIKELY DUE TO HIGH SALTS.				
SOIL CONTAINS EXCESS ALKALI.				
YIELD REDUCTION LIKELY DUE TO HIGH BORON.				



SOIL NUTRIENT LABORATORY REPORT

LAB NO: 20595.05 DATE RCVD: 7/8/04 REPORTED: 7/19/04	REPORT TO: GENE FRITZLER	BILL TO: FRITZLER RESOURCES, INC. 300 E. BURLINGTON DRIVE FORT MORGAN, CO 80701
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SAMPLE ID: Z2 A 0-12

PROJECT: FORMER SIMPSON PIT

LABORATORY RESULTS:		SAMPLE		
	RESULT	LOW	AVE	HIGH
FIELD TEXTURE (EST)				
pH (UNITS)	8.4	*****		
SALTS (MMHOS/CM)	10.82	*****		
CEC EST. (MEQ/100G)	20.6	*****		
LIME (QUAL.)	HIGH	*****		
ORGANIC MATTER (%)	2.2	*****		
ORGANIC N (LBS/ACRE)	65.2	*****		
SODIUM (MEQ/100G SOIL)	9.41	*****		
AVAILABLE NUTRIENTS (PPM)				
NITRATE-N	39.1	*****		
PHOSPHORUS (Na BICARB)	6.4	*****		
POTASSIUM	299.5	*****		
CALCIUM	3980.3	*****		
MAGNESIUM	365.9	*****		
SULFUR	234.6	*****		
BORON	7.1	*****		
ZINC	0.2	****		
IRON	8.5	*****		
MANGANESE	2.8	*****		
COPPER	2.7	*****		
NOTE: AVERAGE VALUES ARE FOR COLORADO SOILS				
FERTILIZER RECOMMENDATIONS				
CROP	GENERAL LANDSCAPE			
YIELD GOAL	AVE			
NITROGEN	60	LBS/ACRE		
PHOSPHORUS - P ₂ O ₅	80	LBS/ACRE		
POTASSIUM - K ₂ O	0	LBS/ACRE		
SULFUR - SO ₄ -S	0	LBS/ACRE		
LIME	0	LBS/ACRE		
COMMENTS: SPLIT N RECOMMENDATION 2 TO 3 TIMES THROUGHOUT THE GROWING SEASON.				
TO CONVERT RECOMMENDATIONS TO LBS/1000 SQ FT DIVIDE BY 40. YIELD REDUCTION LIKELY DUE TO HIGH SALTS.				
SOIL CONTAINS EXCESS ALKALI.				
YIELD REDUCTION LIKELY DUE TO HIGH BORON.				

