



**Montrose Environmental**

**November 04, 2025**

**Scott Williamson**

**471 Denver Ave**

**Loveland**

**CO**

**80537**

**Project Name - Chevron - McClellan 03-32 (FAC)**

**Project Number - 37851**

Attached are your analytical results for Chevron - McClellan 03-32 (FAC) received by Origins Laboratory August 18, 2025. This project is associated with Origins project number E5H0387-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

The laboratory is TNI accredited by the Utah DHHS ELAP under certificate number CO010822024.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory  
303.433.1322  
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Montrose Environmental  
471 Denver Ave  
Loveland CO 80537

Scott Williamson  
Project Number: 37851  
Project: Chevron - McClellan 03-32 (FAC)

### CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
AST01@0.5'	E5H0387-01	Soil	August 18, 2025 9:15	08/18/2025 17:10
BKG01@0.5'	E5H0387-02	Soil	August 18, 2025 11:34	08/18/2025 17:10
BKG01@3'	E5H0387-03	Soil	August 18, 2025 11:37	08/18/2025 17:10
BKG01@4'	E5H0387-04	Soil	August 18, 2025 11:39	08/18/2025 17:10
BKG02@0.5'	E5H0387-05	Soil	August 18, 2025 11:47	08/18/2025 17:10
BKG02@3'	E5H0387-06	Soil	August 18, 2025 11:51	08/18/2025 17:10
BKG02@4'	E5H0387-07	Soil	August 18, 2025 11:53	08/18/2025 17:10
BKG03@0.5'	E5H0387-08	Soil	August 18, 2025 11:56	08/18/2025 17:10
BKG03@3'	E5H0387-09	Soil	August 18, 2025 11:59	08/18/2025 17:10
BKG03@4'	E5H0387-10	Soil	August 18, 2025 12:01	08/18/2025 17:10

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**AST01@0.5'**  
**8/18/2025 9:15:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5H0387-01 (Soil)**  
**Enthalpy Analytical**

**Percent Solids**

Percent Solids	87.4	0.10	0.10	%	1	BIH1326	08/26/2025	08/26/2025	
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**Total Metals by SW7199**

Chromium, Hexavalent	ND	0.10	0.24	mg/kg dry	1	BIH0364	09/08/2025	09/11/2025	
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**Origins Laboratory**

**(DRY WEIGHT) 6020B - Metals Table 915**

Arsenic	3.35		0.220	mg/kg dry	10	B5H2159	08/21/2025	08/22/2025	
Barium	81.2		61.8	"	"	"	"	"	
Cadmium	ND		0.288	"	"	"	"	"	U
Copper	ND		34.8	"	"	"	"	"	U
Lead	ND		10.6	"	"	"	"	"	U
Nickel	ND		19.7	"	"	"	"	"	U
Selenium	0.237		0.186	"	"	"	"	"	
Silver	ND		0.606	"	"	"	"	"	U
Zinc	ND		280	"	"	"	"	"	U

**(DRY WEIGHT) 8015D - DRO/ORO**

Diesel (C10-C28)	ND		27.1	mg/kg dry	1	B5H1923	08/19/2025	08/20/2025	U
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**AST01@0.5'**  
**8/18/2025 9:15:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5H0387-01 (Soil)**  
**Origins Laboratory**

**(DRY WEIGHT) 8015D - DRO/ORO**

Residual Range Organics (C28-C36)	ND		108	mg/kg dry	1	B5H1923	08/19/2025	08/20/2025	U
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Surrogate: o-Terphenyl	73.0 %			50-150		"	"	"	
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**(DRY WEIGHT) 8260D - GBTEX+TMBs**

1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	B5H1924	08/19/2025	08/20/2025	U
1,3,5-Trimethylbenzene	ND		0.002	"	"	"	"	"	U
Benzene	ND		0.002	"	"	"	"	"	U
Ethylbenzene	ND		0.002	"	"	"	"	"	U
Toluene	ND		0.002	"	"	"	"	"	U
Xylenes, total	ND		0.002	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.217	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	107 %			70-130		"	"	"	
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Surrogate: Toluene-d8	100 %			70-130		"	"	"	
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Surrogate: 4-Bromofluorobenzene	109 %			70-130		"	"	"	
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**(DRY WEIGHT) 8270E - PAH**

1-Methylnaphthalene	ND		0.002	mg/kg dry	1	B5H2002	08/20/2025	08/21/2025	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.022	"	"	"	"	"	U

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**AST01@0.5'**  
**8/18/2025 9:15:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5H0387-01 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>(DRY WEIGHT) 8270E - PAH</b>									
Anthracene	ND		0.022	mg/kg dry	1	B5H2002	08/20/2025	08/21/2025	U
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND		0.022	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.022	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.022	"	"	"	"	"	U
Chrysene	ND		0.022	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND		0.022	"	"	"	"	"	U
Fluoranthene	ND		0.022	"	"	"	"	"	U
Fluorene	ND		0.022	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.022	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.022	"	"	"	"	"	U
Surrogate: Fluorene-d10	101 %			60-130		"	"	"	
Surrogate: Anthracene-d10	94.3 %			60-130		"	"	"	
Surrogate: Pyrene-d10	108 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	99.4 %			60-130		"	"	"	
<b>(DRY WEIGHT) Boron by DTPA Sorbitol</b>									
(DTPA Sorbitol) Boron	0.751		0.109	mg/L dry	1	B5H2133	08/21/2025	08/25/2025	

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**8/18/2025 9:15:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5H0387-01 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
(DTPA Sorbitol) Boron	0.830		0.108	mg/L dry	1	B5H1905	08/19/2025	08/20/2025	
<b>DRO/ORO by EPA 8015D</b>									
Diesel (C10-C28)	ND		27.1	mg/kg dry	1	B5H1923	08/19/2025	08/20/2025	U
Residual Range Organics (C28-C36)	ND		108	"	"	"	"	"	U
Surrogate: o-Terphenyl	73.0 %			50-150		"	"	"	
<b>GBTEX+TMBs by 8260D</b>									
1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	B5H1924	08/19/2025	08/20/2025	U
1,3,5-Trimethylbenzene	ND		0.002	"	"	"	"	"	U
Benzene	ND		0.002	"	"	"	"	"	U
Ethylbenzene	ND		0.002	"	"	"	"	"	U
Toluene	ND		0.002	"	"	"	"	"	U
Xylenes, total	ND		0.002	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.217	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	107 %			70-130		"	"	"	
Surrogate: Toluene-d8	100 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	109 %			70-130		"	"	"	

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**8/18/2025 9:15:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5H0387-01 (Soil)**  
**Origins Laboratory**

**Metals by Saturated Paste by EPA 6010**

Calcium	12.0		0.499	meq/L	10	[CALC]	08/19/2025	08/20/2025	
Magnesium	7.06		0.823	"	"	"	"	"	
Sodium	6.42		0.435	"	"	"	"	"	

**PAH by EPA 8270E extracted via 3580A**

1-Methylnaphthalene	ND		0.002	mg/kg dry	1	B5H2002	08/20/2025	08/21/2025	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.022	"	"	"	"	"	U
Acenaphthylene	ND		0.022	"	"	"	"	"	U
Anthracene	ND		0.022	"	"	"	"	"	U
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND		0.022	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.022	"	"	"	"	"	U
Benzo (g,h,i) perylene	ND		0.022	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.022	"	"	"	"	"	U
Chrysene	ND		0.022	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND		0.022	"	"	"	"	"	U
Fluoranthene	ND		0.022	"	"	"	"	"	U
Fluorene	ND		0.022	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.022	"	"	"	"	"	U

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**AST01@0.5'**  
**8/18/2025 9:15:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5H0387-01 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>PAH by EPA 8270E extracted via 3580A</b>									
Naphthalene	ND		0.002	mg/kg dry	1	B5H2002	08/20/2025	08/21/2025	U
Phenanthrene	ND		0.022	"	"	"	"	"	U
Pyrene	ND		0.022	"	"	"	"	"	U
Surrogate: Fluorene-d10	101 %			60-130		"	"	"	
Surrogate: Anthracene-d10	94.3 %			60-130		"	"	"	
Surrogate: Pyrene-d10	108 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	99.4 %			60-130		"	"	"	
<b>Percent Solids</b>									
Total Solids, Percent	92.4			mass percent	1	B5H1919	08/19/2025	08/20/2025	
<b>pH in Soil by 9045D</b>									
pH	7.81			pH Units	1	B5H1914	08/19/2025	08/20/2025	
<b>SAR by 20B Saturated Paste</b>									
SAR	2.08		0.0100	SAR	1	B5H1910	"	08/20/2025	
<b>Specific Conductance Mod. 9050A</b>									
Specific Conductance (EC)	2.19		0.00500	mmhos/cm	1	B5H1914	"	08/20/2025	

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**BKG01@0.5'**

**8/18/2025 11:34:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5H0387-02 (Soil)**

**Enthalpy Analytical**

**Percent Solids**

Percent Solids	97.3	0.10	0.10	%	1	BIH1326	08/26/2025	08/26/2025	
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**Total Metals by SW7199**

Chromium, Hexavalent	ND	0.08	0.21	mg/kg dry	1	BIH0364	09/08/2025	09/11/2025	
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**Origins Laboratory**

**(DRY WEIGHT) 6020B - Metals Table 915**

Arsenic	2.16		0.199	mg/kg dry	10	B5H2159	08/21/2025	08/22/2025	
Barium	ND		56.0	"	"	"	"	"	U
Cadmium	ND		0.261	"	"	"	"	"	U
Copper	ND		31.6	"	"	"	"	"	U
Lead	ND		9.61	"	"	"	"	"	U
Nickel	ND		17.8	"	"	"	"	"	U
Selenium	ND		0.169	"	"	"	"	"	U
Silver	ND		0.549	"	"	"	"	"	U
Zinc	ND		254	"	"	"	"	"	U

**(DRY WEIGHT) Boron by DTPA Sorbitol**

(DTPA Sorbitol) Boron	1.38		0.103	mg/L dry	1	B5H2133	08/21/2025	08/25/2025	
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**BKG01@0.5'**

**8/18/2025 11:34:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5H0387-02 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
(DTPA Sorbitol) Boron	1.33		0.102	mg/L dry	1	B5H1905	08/19/2025	08/20/2025	
<b>Metals by Saturated Paste by EPA 6010</b>									
Calcium	11.7		0.499	meq/L	10	[CALC]	08/19/2025	08/20/2025	
Magnesium	5.79		0.823	"	"	"	"	"	
Sodium	16.7		0.435	"	"	"	"	"	
<b>Percent Solids</b>									
Total Solids, Percent	97.5			mass percent	1	B5H1919	08/19/2025	08/20/2025	
<b>pH in Soil by 9045D</b>									
pH	8.20			pH Units	1	B5H1914	08/19/2025	08/20/2025	
<b>SAR by 20B Saturated Paste</b>									
SAR	5.64		0.0100	SAR	1	B5H1910	"	08/20/2025	
<b>Specific Conductance Mod. 9050A</b>									
Specific Conductance (EC)	3.06		0.00500	mmhos/cm	1	B5H1914	"	08/20/2025	

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**BKG01@3'**

**8/18/2025 11:37:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5H0387-03 (Soil)**

**Enthalpy Analytical**

**Percent Solids**

Percent Solids	89.7	0.10	0.10	%	1	BIH1326	08/26/2025	08/26/2025	
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**Total Metals by SW7199**

Chromium, Hexavalent	ND	0.09	0.22	mg/kg dry	1	BIH0364	09/08/2025	09/11/2025	
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**Origins Laboratory**

**(DRY WEIGHT) 6020B - Metals Table 915**

Arsenic	1.69		0.215	mg/kg dry	10	B5H2159	08/21/2025	08/22/2025	
Barium	ND		60.3	"	"	"	"	"	U
Cadmium	ND		0.281	"	"	"	"	"	U
Copper	ND		34.0	"	"	"	"	"	U
Lead	ND		10.3	"	"	"	"	"	U
Nickel	ND		19.2	"	"	"	"	"	U
Selenium	ND		0.182	"	"	"	"	"	U
Silver	ND		0.591	"	"	"	"	"	U
Zinc	ND		273	"	"	"	"	"	U

**(DRY WEIGHT) Boron by DTPA Sorbitol**

(DTPA Sorbitol) Boron	0.267		0.113	mg/L dry	1	B5H2133	08/21/2025	08/25/2025	
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**BKG01@3'**

**8/18/2025 11:37:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5H0387-03 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
(DTPA Sorbitol) Boron	0.242		0.113	mg/L dry	1	B5H1905	08/19/2025	08/20/2025	
<b>Metals by Saturated Paste by EPA 6010</b>									
Calcium	1.08		0.499	meq/L	10	[CALC]	08/19/2025	08/20/2025	
Magnesium	0.955		0.823	"	"	"	"	"	
Sodium	4.22		0.435	"	"	"	"	"	
<b>Percent Solids</b>									
Total Solids, Percent	89.0			mass percent	1	B5H1919	08/19/2025	08/20/2025	
<b>pH in Soil by 9045D</b>									
pH	8.25			pH Units	1	B5H1914	08/19/2025	08/20/2025	
<b>SAR by 20B Saturated Paste</b>									
SAR	4.18		0.0100	SAR	1	B5H1910	"	08/20/2025	
<b>Specific Conductance Mod. 9050A</b>									
Specific Conductance (EC)	0.660		0.00500	mmhos/cm	1	B5H1914	"	08/20/2025	

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**BKG01@4'**

**8/18/2025 11:39:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5H0387-04 (Soil)  
 Enthalpy Analytical**

**Percent Solids**

Percent Solids	86.0	0.10	0.10	%	1	BIH1326	08/26/2025	08/26/2025	
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**Total Metals by SW7199**

Chromium, Hexavalent	ND	0.09	0.23	mg/kg dry	1	BIH0364	09/08/2025	09/11/2025	
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**Origins Laboratory**

**(DRY WEIGHT) 6020B - Metals Table 915**

Arsenic	1.66		0.215	mg/kg dry	10	B5H2159	08/21/2025	08/22/2025	
Barium	ND		60.3	"	"	"	"	"	U
Cadmium	ND		0.281	"	"	"	"	"	U
Copper	ND		34.0	"	"	"	"	"	U
Lead	ND		10.3	"	"	"	"	"	U
Nickel	43.9		19.2	"	"	"	"	"	U
Selenium	ND		0.182	"	"	"	"	"	U
Silver	ND		0.591	"	"	"	"	"	U
Zinc	ND		273	"	"	"	"	"	U

**(DRY WEIGHT) Boron by DTPA Sorbitol**

(DTPA Sorbitol) Boron	0.203		0.114	mg/L dry	1	B5H2133	08/21/2025	08/25/2025	
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Scott Williamson  
 Project Number: 37851  
 Project: Chevron - McClellan 03-32 (FAC)

**BKG01@4'**

**8/18/2025 11:39:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5H0387-04 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
(DTPA Sorbitol) Boron	0.167		0.114	mg/L dry	1	B5H1905	08/19/2025	08/20/2025	
<b>Metals by Saturated Paste by EPA 6010</b>									
Calcium	1.63		0.499	meq/L	10	[CALC]	08/19/2025	08/20/2025	
Magnesium	1.38		0.823	"	"	"	"	"	
Sodium	4.03		0.435	"	"	"	"	"	
<b>Percent Solids</b>									
Total Solids, Percent	87.9			mass percent	1	B5H1919	08/19/2025	08/20/2025	
<b>pH in Soil by 9045D</b>									
pH	7.91			pH Units	1	B5H1914	08/19/2025	08/20/2025	
<b>SAR by 20B Saturated Paste</b>									
SAR	3.28		0.0100	SAR	1	B5H1910	"	08/20/2025	
<b>Specific Conductance Mod. 9050A</b>									
Specific Conductance (EC)	0.716		0.00500	mmhos/cm	1	B5H1914	"	08/20/2025	

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**BKG02@0.5'**

**8/18/2025 11:47:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5H0387-05 (Soil)  
 Enthalpy Analytical**

**Percent Solids**

Percent Solids	94.6	0.10	0.10	%	1	BIH1326	08/26/2025	08/26/2025	
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**Total Metals by SW7199**

Chromium, Hexavalent	0.11	0.09	0.22	mg/kg dry	1	BIH0364	09/08/2025	09/11/2025	J
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**Origins Laboratory**

**(DRY WEIGHT) 6020B - Metals Table 915**

Arsenic	2.09		0.209	mg/kg dry	10	B5H2159	08/21/2025	08/22/2025	
Barium	66.3		58.7	"	"	"	"	"	
Cadmium	ND		0.273	"	"	"	"	"	U
Copper	ND		33.1	"	"	"	"	"	U
Lead	10.7		10.1	"	"	"	"	"	
Nickel	ND		18.7	"	"	"	"	"	U
Selenium	0.287		0.177	"	"	"	"	"	
Silver	ND		0.575	"	"	"	"	"	U
Zinc	ND		266	"	"	"	"	"	U

**(DRY WEIGHT) Boron by DTPA Sorbitol**

(DTPA Sorbitol) Boron	1.75		0.103	mg/L dry	1	B5H2133	08/21/2025	08/25/2025	
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**BKG02@0.5'**  
**8/18/2025 11:47:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5H0387-05 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
(DTPA Sorbitol) Boron	1.80		0.103	mg/L dry	1	B5H1905	08/19/2025	08/20/2025	
<b>Metals by Saturated Paste by EPA 6010</b>									
Calcium	7.70		0.499	meq/L	10	[CALC]	08/19/2025	08/20/2025	
Magnesium	6.56		0.823	"	"	"	"	"	
Sodium	23.3		0.435	"	"	"	"	"	
<b>Percent Solids</b>									
Total Solids, Percent	97.3			mass percent	1	B5H1919	08/19/2025	08/20/2025	
<b>pH in Soil by 9045D</b>									
pH	8.15			pH Units	1	B5H1914	08/19/2025	08/20/2025	
<b>SAR by 20B Saturated Paste</b>									
SAR	8.71		0.0100	SAR	1	B5H1910	"	08/20/2025	
<b>Specific Conductance Mod. 9050A</b>									
Specific Conductance (EC)	3.81		0.00500	mmhos/cm	1	B5H1914	"	08/20/2025	

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**BKG02@3'**

**8/18/2025 11:51:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5H0387-06 (Soil)**

**Enthalpy Analytical**

**Percent Solids**

Percent Solids	88.4	0.10	0.10	%	1	BIH1327	08/26/2025	08/26/2025	
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**Total Metals by SW7199**

Chromium, Hexavalent	ND	0.09	0.22	mg/kg dry	1	BIH0364	09/08/2025	09/11/2025	
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**Origins Laboratory**

**(DRY WEIGHT) 6020B - Metals Table 915**

Arsenic	1.85		0.203	mg/kg dry	10	B5H2159	08/21/2025	08/22/2025	
Barium	ND		57.0	"	"	"	"	"	U
Cadmium	ND		0.266	"	"	"	"	"	U
Copper	ND		32.1	"	"	"	"	"	U
Lead	ND		9.78	"	"	"	"	"	U
Nickel	ND		18.2	"	"	"	"	"	U
Selenium	ND		0.172	"	"	"	"	"	U
Silver	ND		0.559	"	"	"	"	"	U
Zinc	ND		259	"	"	"	"	"	U

**(DRY WEIGHT) Boron by DTPA Sorbitol**

(DTPA Sorbitol) Boron	0.159		0.111	mg/L dry	1	B5H2133	08/21/2025	08/25/2025	
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**BKG0203'**

**8/18/2025 11:51:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5H0387-06 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
(DTPA Sorbitol) Boron	0.144		0.111	mg/L dry	1	B5H1905	08/19/2025	08/20/2025	
<b>Metals by Saturated Paste by EPA 6010</b>									
Calcium	1.75		0.499	meq/L	10	[CALC]	08/19/2025	08/20/2025	
Magnesium	1.56		0.823	"	"	"	"	"	
Sodium	4.95		0.435	"	"	"	"	"	
<b>Percent Solids</b>									
Total Solids, Percent	90.1			mass percent	1	B5H1919	08/19/2025	08/20/2025	
<b>pH in Soil by 9045D</b>									
pH	8.06			pH Units	1	B5H1914	08/19/2025	08/20/2025	
<b>SAR by 20B Saturated Paste</b>									
SAR	3.85		0.0100	SAR	1	B5H1910	"	08/20/2025	
<b>Specific Conductance Mod. 9050A</b>									
Specific Conductance (EC)	0.860		0.00500	mmhos/cm	1	B5H1914	"	08/20/2025	

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**BKG0204'**

**8/18/2025 11:53:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5H0387-07 (Soil)**

**Enthalpy Analytical**

**Percent Solids**

Percent Solids	87.1	0.10	0.10	%	1	BIH1327	08/26/2025	08/26/2025	
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**Total Metals by SW7199**

Chromium, Hexavalent	ND	0.09	0.23	mg/kg dry	1	BIH0364	09/08/2025	09/11/2025	
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**Origins Laboratory**

**(DRY WEIGHT) 6020B - Metals Table 915**

Arsenic	1.35		0.219	mg/kg dry	10	B5H2159	08/21/2025	08/22/2025	
Barium	ND		61.5	"	"	"	"	"	U
Cadmium	ND		0.286	"	"	"	"	"	U
Copper	ND		34.7	"	"	"	"	"	U
Lead	ND		10.6	"	"	"	"	"	U
Nickel	ND		19.6	"	"	"	"	"	U
Selenium	ND		0.185	"	"	"	"	"	U
Silver	ND		0.603	"	"	"	"	"	U
Zinc	ND		279	"	"	"	"	"	U

**(DRY WEIGHT) Boron by DTPA Sorbitol**

(DTPA Sorbitol) Boron	0.146		0.116	mg/L dry	1	B5H2133	08/21/2025	08/25/2025	
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**BKG0204'**

**8/18/2025 11:53:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5H0387-07 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
(DTPA Sorbitol) Boron	0.145		0.116	mg/L dry	1	B5H1905	08/19/2025	08/20/2025	
<b>Metals by Saturated Paste by EPA 6010</b>									
Calcium	0.612		0.499	meq/L	10	[CALC]	08/19/2025	08/20/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	3.94		0.435	"	"	"	"	"	
<b>Percent Solids</b>									
Total Solids, Percent	86.0			mass percent	1	B5H1919	08/19/2025	08/20/2025	
<b>pH in Soil by 9045D</b>									
pH	7.98			pH Units	1	B5H1915	08/19/2025	08/20/2025	
<b>SAR by 20B Saturated Paste</b>									
SAR	5.33		0.0100	SAR	1	B5H1912	08/19/2025	08/20/2025	
<b>Specific Conductance Mod. 9050A</b>									
Specific Conductance (EC)	0.502		0.00500	mmhos/cm	1	B5H1915	08/19/2025	08/20/2025	

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**BKG03@0.5'**

**8/18/2025 11:56:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5H0387-08 (Soil)**

**Enthalpy Analytical**

**Percent Solids**

Percent Solids	97.3	0.10	0.10	%	1	BIH1327	08/26/2025	08/26/2025	
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**Total Metals by SW7199**

Chromium, Hexavalent	0.11	0.08	0.20	mg/kg dry	1	BIH0364	09/08/2025	09/11/2025	J
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**Origins Laboratory**

**(DRY WEIGHT) 6020B - Metals Table 915**

Arsenic	2.16		0.205	mg/kg dry	10	B5H2159	08/21/2025	08/22/2025	
Barium	67.9		57.6	"	"	"	"	"	
Cadmium	ND		0.268	"	"	"	"	"	U
Copper	ND		32.5	"	"	"	"	"	U
Lead	11.7		9.88	"	"	"	"	"	
Nickel	ND		18.3	"	"	"	"	"	U
Selenium	ND		0.174	"	"	"	"	"	U
Silver	ND		0.564	"	"	"	"	"	U
Zinc	ND		261	"	"	"	"	"	U

**(DRY WEIGHT) Boron by DTPA Sorbitol**

(DTPA Sorbitol) Boron	1.65		0.102	mg/L dry	1	B5H2133	08/21/2025	08/25/2025	
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**BKG03@0.5'**  
**8/18/2025 11:56:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5H0387-08 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
(DTPA Sorbitol) Boron	1.57		0.102	mg/L dry	1	B5H1905	08/19/2025	08/20/2025	
<b>Metals by Saturated Paste by EPA 6010</b>									
Calcium	10.1		0.499	meq/L	10	[CALC]	08/19/2025	08/20/2025	
Magnesium	6.85		0.823	"	"	"	"	"	
Sodium	20.2		0.435	"	"	"	"	"	
<b>Percent Solids</b>									
Total Solids, Percent	97.9			mass percent	1	B5H1919	08/19/2025	08/20/2025	
<b>pH in Soil by 9045D</b>									
pH	8.18			pH Units	1	B5H1915	08/19/2025	08/20/2025	
<b>SAR by 20B Saturated Paste</b>									
SAR	6.96		0.0100	SAR	1	B5H1912	08/19/2025	08/20/2025	
<b>Specific Conductance Mod. 9050A</b>									
Specific Conductance (EC)	3.48		0.00500	mmhos/cm	1	B5H1915	08/19/2025	08/20/2025	

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**BKG03@3'**

**8/18/2025 11:59:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5H0387-09 (Soil)  
 Enthalpy Analytical**

**Percent Solids**

Percent Solids	82.6	0.10	0.10	%	1	BIH1327	08/26/2025	08/26/2025	
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**Total Metals by SW7199**

Chromium, Hexavalent	ND	0.10	0.24	mg/kg dry	1	BIH0364	09/08/2025	09/11/2025	
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**Origins Laboratory**

**(DRY WEIGHT) 6020B - Metals Table 915**

Arsenic	4.56		0.222	mg/kg dry	10	B5H2159	08/21/2025	08/22/2025	
Barium	83.7		62.4	"	"	"	"	"	
Cadmium	0.453		0.290	"	"	"	"	"	
Copper	ND		35.2	"	"	"	"	"	U
Lead	12.0		10.7	"	"	"	"	"	
Nickel	ND		19.9	"	"	"	"	"	U
Selenium	0.916		0.188	"	"	"	"	"	
Silver	ND		0.611	"	"	"	"	"	U
Zinc	ND		283	"	"	"	"	"	U

**(DRY WEIGHT) Boron by DTPA Sorbitol**

(DTPA Sorbitol) Boron	0.264		0.112	mg/L dry	1	B5H2133	08/21/2025	08/25/2025	
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 Project: Chevron - McClellan 03-32 (FAC)

**BKG03@3'**

**8/18/2025 11:59:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5H0387-09 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
(DTPA Sorbitol) Boron	0.358		0.111	mg/L dry	1	B5H1905	08/19/2025	08/20/2025	
<b>Metals by Saturated Paste by EPA 6010</b>									
Calcium	1.09		0.499	meq/L	10	[CALC]	08/19/2025	08/20/2025	
Magnesium	1.07		0.823	"	"	"	"	"	
Sodium	3.28		0.435	"	"	"	"	"	
<b>Percent Solids</b>									
Total Solids, Percent	89.8			mass percent	1	B5H1919	08/19/2025	08/20/2025	
<b>pH in Soil by 9045D</b>									
pH	8.22			pH Units	1	B5H1915	08/19/2025	08/20/2025	
<b>SAR by 20B Saturated Paste</b>									
SAR	3.16		0.0100	SAR	1	B5H1912	08/19/2025	08/20/2025	
<b>Specific Conductance Mod. 9050A</b>									
Specific Conductance (EC)	0.565		0.00500	mmhos/cm	1	B5H1915	08/19/2025	08/20/2025	

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**BKG03@4'**

**8/18/2025 12:01:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5H0387-10 (Soil)  
 Enthalpy Analytical**

**Percent Solids**

Percent Solids	90.7	0.10	0.10	%	1	BIH1327	08/26/2025	08/26/2025	
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**Total Metals by SW7199**

Chromium, Hexavalent	ND	0.09	0.22	mg/kg dry	1	BIH0364	09/08/2025	09/11/2025	
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**Origins Laboratory**

**(DRY WEIGHT) 6020B - Metals Table 915**

Arsenic	1.70		0.226	mg/kg dry	10	B5H2159	08/21/2025	08/22/2025	
Barium	ND		63.4	"	"	"	"	"	U
Cadmium	ND		0.295	"	"	"	"	"	U
Copper	ND		35.8	"	"	"	"	"	U
Lead	ND		10.9	"	"	"	"	"	U
Nickel	ND		20.2	"	"	"	"	"	U
Selenium	ND		0.191	"	"	"	"	"	U
Silver	ND		0.622	"	"	"	"	"	U
Zinc	ND		288	"	"	"	"	"	U

**(DRY WEIGHT) Boron by DTPA Sorbitol**

(DTPA Sorbitol) Boron	0.218		0.108	mg/L dry	1	B5H2133	08/21/2025	08/25/2025	
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Scott Williamson  
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 Project: Chevron - McClellan 03-32 (FAC)

**BKG03@4'**

**8/18/2025 12:01:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5H0387-10 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
(DTPA Sorbitol) Boron	0.161		0.109	mg/L dry	1	B5H1905	08/19/2025	08/20/2025	
<b>Metals by Saturated Paste by EPA 6010</b>									
Calcium	0.719		0.499	meq/L	10	[CALC]	08/19/2025	08/20/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	1.42		0.435	"	"	"	"	"	
<b>Percent Solids</b>									
Total Solids, Percent	92.0			mass percent	1	B5H1919	08/19/2025	08/20/2025	
<b>pH in Soil by 9045D</b>									
pH	8.26			pH Units	1	B5H1915	08/19/2025	08/20/2025	
<b>SAR by 20B Saturated Paste</b>									
SAR	1.76		0.0100	SAR	1	B5H1912	08/19/2025	08/20/2025	
<b>Specific Conductance Mod. 9050A</b>									
Specific Conductance (EC)	0.285		0.00500	mmhos/cm	1	B5H1915	08/19/2025	08/20/2025	

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**\*\*\* DEFAULT GENERAL METHOD \*\*\* - Quality Control**  
**Origins Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B5H1919 - % Solids**

**Duplicate (B5H1919-DUP1)**

**Source: E5H0387-01**

Prepared: 08/19/2025 Analyzed: 08/20/2025

Total Solids, Percent	93.1		mass percent		92.4			0.792	200	
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**Duplicate (B5H1919-DUP2)**

**Source: E5H0387-02**

Prepared: 08/19/2025 Analyzed: 08/20/2025

Total Solids, Percent	96.0		mass percent		97.5			1.59	200	
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**Classical Chemistry Parameters - Quality Control**  
**Origins Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B5H1905 - DTPA Sorbitol Preparation**

**Blank (B5H1905-BLK1)**

Prepared: 08/19/2025 Analyzed: 08/20/2025

(DTPA Sorbitol) Boron ND 0.100 mg/L wet U

**Duplicate (B5H1905-DUP1)**

Source: E5H0387-01

Prepared: 08/19/2025 Analyzed: 08/20/2025

(DTPA Sorbitol) Boron 0.963 0.108 mg/L dry 0.830 14.8 50

**Batch B5H1910 - Saturated Paste Metals**

**Blank (B5H1910-BLK1)**

Prepared: 08/19/2025 Analyzed: 08/20/2025

SAR ND 0.0100 SAR U

Calcium PPM ND 10.0 mg/L U

Magnesium PPM ND 10.0 " U

Sodium PPM ND 10.0 " U

**Duplicate (B5H1910-DUP1)**

Source: E5H0386-01

Prepared: 08/19/2025 Analyzed: 08/20/2025

SAR ND 0.0100 SAR 8.93 200 U

Calcium PPM 43.8 10.0 mg/L 113 88.4 50 QR-DUP

Magnesium PPM 11.7 10.0 " 26.6 77.7 50 QR-DUP

Sodium PPM 342 10.0 " 406 17.0 50

**Batch B5H1912 - Saturated Paste Metals**

**Blank (B5H1912-BLK1)**

Prepared: 08/19/2025 Analyzed: 08/20/2025

Calcium PPM ND 10.0 mg/L U

SAR ND 0.0100 SAR U

Magnesium PPM ND 10.0 mg/L U

Sodium PPM ND 10.0 " U

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**Classical Chemistry Parameters - Quality Control**  
**Origins Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B5H1912 - Saturated Paste Metals**

**Duplicate (B5H1912-DUP1)**

**Source: E5H0387-07**

Prepared: 08/19/2025 Analyzed: 08/20/2025

Calcium PPM	14.0	10.0	mg/L		12.3			13.5	50	
SAR	ND	0.0100	SAR		5.33				200	U
Magnesium PPM	6.90	10.0	mg/L		5.83			16.8	50	U
Sodium PPM	93.5	10.0	"		90.6			3.14	50	

**Batch B5H2133 - DTPA Sorbitol Preparation**

**Blank (B5H2133-BLK1)**

Prepared: 08/21/2025 Analyzed: 08/25/2025

(DTPA Sorbitol) Boron	ND	0.100	mg/L wet							U
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**Duplicate (B5H2133-DUP1)**

**Source: E5H0382-01**

Prepared: 08/21/2025 Analyzed: 08/25/2025

(DTPA Sorbitol) Boron	0.459	0.111	mg/L dry		0.616			29.3	50	
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**EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control**  
**Origins Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5H2002 - EPA 3580

Blank (B5H2002-BLK1)

Prepared: 08/20/2025 Analyzed: 08/21/2025

1-Methylnaphthalene	ND	0.002	mg/kg wet							U
1-Methylnaphthalene	ND	0.002	"							U
2-Methylnaphthalene	ND	0.002	"							U
2-Methylnaphthalene	ND	0.002	"							U
Acenaphthene	ND	0.020	"							U
Acenaphthene	ND	0.020	"							U
Acenaphthylene	ND	0.020	"							U
Anthracene	ND	0.020	"							U
Anthracene	ND	0.020	"							U
Benzo (a) anthracene	ND	0.005	"							U
Benzo (a) anthracene	ND	0.005	"							U
Benzo (a) pyrene	ND	0.020	"							U
Benzo (a) pyrene	ND	0.020	"							U
Benzo (b) fluoranthene	ND	0.020	"							U
Benzo (b) fluoranthene	ND	0.020	"							U
Benzo (g,h,i) perylene	ND	0.020	"							U
Benzo (k) fluoranthene	ND	0.020	"							U
Benzo (k) fluoranthene	ND	0.020	"							U
Chrysene	ND	0.020	"							U
Chrysene	ND	0.020	"							U
Dibenz (a,h) anthracene	ND	0.020	"							U
Dibenz (a,h) anthracene	ND	0.020	"							U
Fluoranthene	ND	0.020	"							U
Fluoranthene	ND	0.020	"							U
Fluorene	ND	0.020	"							U
Fluorene	ND	0.020	"							U

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**EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control**  
**Origins Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B5H2002 - EPA 3580**

**Blank (B5H2002-BLK1)**

Prepared: 08/20/2025 Analyzed: 08/21/2025

Indeno (1,2,3-cd) pyrene	ND	0.020	mg/kg wet							U
Indeno (1,2,3-cd) pyrene	ND	0.020	"							U
Naphthalene	ND	0.002	"							U
Naphthalene	ND	0.002	"							U
Phenanthrene	ND	0.020	"							U
Pyrene	ND	0.020	"							U
Pyrene	ND	0.020	"							U

Surrogate: Fluorene-d10	200		ug/kg	200		101	60-130			
Surrogate: Fluorene-d10	200		"	200		101	60-130			
Surrogate: Anthracene-d10	190		"	200		94.9	60-130			
Surrogate: Anthracene-d10	190		"	200		94.9	60-130			
Surrogate: Pyrene-d10	220		"	200		108	60-130			
Surrogate: Pyrene-d10	220		"	200		108	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		99.9	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		99.9	60-130			

**LCS (B5H2002-BS1)**

Prepared: 08/20/2025 Analyzed: 08/21/2025

1-Methylnaphthalene	0.193	0.002	mg/kg wet	0.200		96.5	70-130			
1-Methylnaphthalene	0.193	0.002	"	0.200		96.5	70-130			
2-Methylnaphthalene	0.202	0.002	"	0.200		101	70-130			
2-Methylnaphthalene	0.202	0.002	"	0.200		101	70-130			
Acenaphthene	0.206	0.020	"	0.200		103	70-130			
Acenaphthene	0.206	0.020	"	0.200		103	70-130			
Acenaphthylene	0.187	0.020	"	0.200		93.5	70-130			
Anthracene	0.187	0.020	"	0.200		93.6	70-130			
Anthracene	0.187	0.020	"	0.200		93.6	70-130			
Benzo (a) anthracene	0.192	0.005	"	0.200		95.8	70-130			

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**EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control**  
**Origins Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5H2002 - EPA 3580

LCS (B5H2002-BS1)

Prepared: 08/20/2025 Analyzed: 08/21/2025

Benzo (a) anthracene	0.192	0.005	mg/kg wet	0.200		95.8	70-130			
Benzo (a) pyrene	0.192	0.020	"	0.200		95.8	70-130			
Benzo (a) pyrene	0.192	0.020	"	0.200		95.8	70-130			
Benzo (b) fluoranthene	0.204	0.020	"	0.200		102	70-130			
Benzo (b) fluoranthene	0.204	0.020	"	0.200		102	70-130			
Benzo (g,h,i) perylene	0.201	0.020	"	0.200		100	70-130			
Benzo (k) fluoranthene	0.208	0.020	"	0.200		104	70-130			
Benzo (k) fluoranthene	0.208	0.020	"	0.200		104	70-130			
Chrysene	0.196	0.020	"	0.200		98.0	70-130			
Chrysene	0.196	0.020	"	0.200		98.0	70-130			
Dibenz (a,h) anthracene	0.199	0.020	"	0.200		99.3	70-130			
Dibenz (a,h) anthracene	0.199	0.020	"	0.200		99.3	70-130			
Fluoranthene	0.188	0.020	"	0.200		94.0	70-130			
Fluoranthene	0.188	0.020	"	0.200		94.0	70-130			
Fluorene	0.199	0.020	"	0.200		99.7	70-130			
Fluorene	0.199	0.020	"	0.200		99.7	70-130			
Indeno (1,2,3-cd) pyrene	0.201	0.020	"	0.200		100	70-130			
Indeno (1,2,3-cd) pyrene	0.201	0.020	"	0.200		100	70-130			
Naphthalene	0.193	0.002	"	0.200		96.6	70-130			
Naphthalene	0.193	0.002	"	0.200		96.6	70-130			
Phenanthrene	0.199	0.020	"	0.200		99.5	70-130			
Pyrene	0.214	0.020	"	0.200		107	70-130			
Pyrene	0.214	0.020	"	0.200		107	70-130			
Surrogate: Fluorene-d10	200		ug/kg	200		99.5	60-130			
Surrogate: Fluorene-d10	200		"	200		99.5	60-130			
Surrogate: Anthracene-d10	180		"	200		92.2	60-130			
Surrogate: Anthracene-d10	180		"	200		92.2	60-130			

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**EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control**  
**Origins Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B5H2002 - EPA 3580**

**LCS (B5H2002-BS1)**

Prepared: 08/20/2025 Analyzed: 08/21/2025

Surrogate: Pyrene-d10	210		ug/kg	200		107	60-130			
Surrogate: Pyrene-d10	210		"	200		107	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		102	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		102	60-130			

**Matrix Spike (B5H2002-MS1)**

**Source: E5H0387-01**

Prepared: 08/20/2025 Analyzed: 08/21/2025

1-Methylnaphthalene	0.216	0.002	mg/kg dry	0.217	ND	99.6	70-130			
1-Methylnaphthalene	0.216	0.002	"	0.217	ND	99.6	70-130			
2-Methylnaphthalene	0.224	0.002	"	0.217	ND	103	70-130			
2-Methylnaphthalene	0.224	0.002	"	0.217	ND	103	70-130			
Acenaphthene	0.221	0.022	"	0.217	ND	102	70-130			
Acenaphthene	0.221	0.022	"	0.217	ND	102	70-130			
Acenaphthylene	0.199	0.022	"	0.217	0.0004	91.7	70-130			
Anthracene	0.199	0.022	"	0.217	0.0008	91.5	70-130			
Anthracene	0.199	0.022	"	0.217	0.0008	91.5	70-130			
Benzo (a) anthracene	0.218	0.005	"	0.217	ND	100	70-130			
Benzo (a) anthracene	0.218	0.005	"	0.217	ND	100	70-130			
Benzo (a) pyrene	0.220	0.022	"	0.217	0.003	100	70-130			
Benzo (a) pyrene	0.220	0.022	"	0.217	0.003	100	70-130			
Benzo (b) fluoranthene	0.232	0.022	"	0.217	0.002	106	70-130			
Benzo (b) fluoranthene	0.232	0.022	"	0.217	0.002	106	70-130			
Benzo (g,h,i) perylene	0.231	0.022	"	0.217	0.003	105	70-130			
Benzo (k) fluoranthene	0.236	0.022	"	0.217	0.002	108	70-130			
Benzo (k) fluoranthene	0.236	0.022	"	0.217	0.002	108	70-130			
Chrysene	0.231	0.022	"	0.217	0.001	106	70-130			
Chrysene	0.231	0.022	"	0.217	0.001	106	70-130			
Dibenz (a,h) anthracene	0.228	0.022	"	0.217	0.002	104	70-130			

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**EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control**  
**Origins Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B5H2002 - EPA 3580**

**Matrix Spike (B5H2002-MS1)**

**Source: E5H0387-01**

Prepared: 08/20/2025 Analyzed: 08/21/2025

Dibenz (a,h) anthracene	0.228	0.022	mg/kg dry	0.217	0.002	104	70-130			
Fluoranthene	0.205	0.022	"	0.217	0.002	93.9	70-130			
Fluoranthene	0.205	0.022	"	0.217	0.002	93.9	70-130			
Fluorene	0.222	0.022	"	0.217	0.001	102	70-130			
Fluorene	0.222	0.022	"	0.217	0.001	102	70-130			
Indeno (1,2,3-cd) pyrene	0.239	0.022	"	0.217	0.002	109	70-130			
Indeno (1,2,3-cd) pyrene	0.239	0.022	"	0.217	0.002	109	70-130			
Naphthalene	0.210	0.002	"	0.217	ND	97.0	70-130			
Naphthalene	0.210	0.002	"	0.217	ND	97.0	70-130			
Phenanthrene	0.221	0.022	"	0.217	ND	102	70-130			
Pyrene	0.237	0.022	"	0.217	0.002	109	70-130			
Pyrene	0.237	0.022	"	0.217	0.002	109	70-130			
Surrogate: Fluorene-d10	200		ug/kg	200		102	60-130			
Surrogate: Fluorene-d10	200		"	200		102	60-130			
Surrogate: Anthracene-d10	190		"	200		94.9	60-130			
Surrogate: Anthracene-d10	190		"	200		94.9	60-130			
Surrogate: Pyrene-d10	220		"	200		109	60-130			
Surrogate: Pyrene-d10	220		"	200		109	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		102	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		102	60-130			

**Matrix Spike Dup (B5H2002-MSD1)**

**Source: E5H0387-01**

Prepared: 08/20/2025 Analyzed: 08/21/2025

1-Methylnaphthalene	0.204	0.002	mg/kg dry	0.217	ND	94.1	70-130	5.66	20	
1-Methylnaphthalene	0.204	0.002	"	0.217	ND	94.1	70-130	5.66	20	
2-Methylnaphthalene	0.221	0.002	"	0.217	ND	102	70-130	1.15	20	
2-Methylnaphthalene	0.221	0.002	"	0.217	ND	102	70-130	1.15	20	
Acenaphthene	0.219	0.022	"	0.217	ND	101	70-130	1.17	20	

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**EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control**  
**Origins Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5H2002 - EPA 3580

Matrix Spike Dup (B5H2002-MSD1)

Source: E5H0387-01

Prepared: 08/20/2025 Analyzed: 08/21/2025

Acenaphthene	0.219	0.022	mg/kg dry	0.217	ND	101	70-130	1.17	20	
Acenaphthylene	0.196	0.022	"	0.217	0.0004	90.2	70-130	1.55	20	
Anthracene	0.199	0.022	"	0.217	0.0008	91.6	70-130	0.133	20	
Anthracene	0.199	0.022	"	0.217	0.0008	91.6	70-130	0.133	20	
Benzo (a) anthracene	0.208	0.005	"	0.217	ND	96.1	70-130	4.43	20	
Benzo (a) anthracene	0.208	0.005	"	0.217	ND	96.1	70-130	4.43	20	
Benzo (a) pyrene	0.217	0.022	"	0.217	0.003	98.7	70-130	1.40	20	
Benzo (a) pyrene	0.217	0.022	"	0.217	0.003	98.7	70-130	1.40	20	
Benzo (b) fluoranthene	0.233	0.022	"	0.217	0.002	106	70-130	0.365	20	
Benzo (b) fluoranthene	0.233	0.022	"	0.217	0.002	106	70-130	0.365	20	
Benzo (g,h,i) perylene	0.220	0.022	"	0.217	0.003	100	70-130	4.81	20	
Benzo (k) fluoranthene	0.220	0.022	"	0.217	0.002	101	70-130	7.03	20	
Benzo (k) fluoranthene	0.220	0.022	"	0.217	0.002	101	70-130	7.03	20	
Chrysene	0.225	0.022	"	0.217	0.001	103	70-130	2.60	20	
Chrysene	0.225	0.022	"	0.217	0.001	103	70-130	2.60	20	
Dibenz (a,h) anthracene	0.213	0.022	"	0.217	0.002	97.3	70-130	6.84	20	
Dibenz (a,h) anthracene	0.213	0.022	"	0.217	0.002	97.3	70-130	6.84	20	
Fluoranthene	0.216	0.022	"	0.217	0.002	98.9	70-130	5.21	20	
Fluoranthene	0.216	0.022	"	0.217	0.002	98.9	70-130	5.21	20	
Fluorene	0.218	0.022	"	0.217	0.001	100	70-130	1.93	20	
Fluorene	0.218	0.022	"	0.217	0.001	100	70-130	1.93	20	
Indeno (1,2,3-cd) pyrene	0.226	0.022	"	0.217	0.002	103	70-130	5.49	20	
Indeno (1,2,3-cd) pyrene	0.226	0.022	"	0.217	0.002	103	70-130	5.49	20	
Naphthalene	0.209	0.002	"	0.217	ND	96.7	70-130	0.267	20	
Naphthalene	0.209	0.002	"	0.217	ND	96.7	70-130	0.267	20	
Phenanthrene	0.223	0.022	"	0.217	ND	103	70-130	1.14	20	

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 Project: Chevron - McClellan 03-32 (FAC)

**EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control**  
**Origins Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5H2002 - EPA 3580

Matrix Spike Dup (B5H2002-MSD1)

Source: E5H0387-01

Prepared: 08/20/2025 Analyzed: 08/21/2025

Pyrene	0.246	0.022	mg/kg dry	0.217	0.002	113	70-130	3.61	20	
Pyrene	0.246	0.022	"	0.217	0.002	113	70-130	3.61	20	
Surrogate: Fluorene-d10	200		ug/kg	200		102	60-130			
Surrogate: Fluorene-d10	200		"	200		102	60-130			
Surrogate: Anthracene-d10	180		"	200		92.0	60-130			
Surrogate: Anthracene-d10	180		"	200		92.0	60-130			
Surrogate: Pyrene-d10	220		"	200		108	60-130			
Surrogate: Pyrene-d10	220		"	200		108	60-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		103	60-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		103	60-130			

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Scott Williamson  
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Project: Chevron - McClellan 03-32 (FAC)

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B5H1923 - EPA 3550B**

**Blank (B5H1923-BLK1)**

Prepared: 08/19/2025 Analyzed: 08/20/2025

Diesel (C10-C28)	ND	25.0	mg/kg wet							U
Diesel (C10-C28)	ND	25.0	"							U
Residual Range Organics (C28-C36)	ND	100	"							U
Residual Range Organics (C28-C36)	ND	100	"							U
Surrogate: o-Terphenyl	19		"	24.9		74.4	50-150			
Surrogate: o-Terphenyl	19		"	24.9		74.4	50-150			

**LCS (B5H1923-BS1)**

Prepared: 08/19/2025 Analyzed: 08/20/2025

Diesel (C10-C28)	1030	50.0	mg/kg wet	1000		103	70-130			
Diesel (C10-C28)	1030	50.0	"	1000		103	70-130			
Residual Range Organics (C28-C36)	1060	200	"	1000		106	70-130			
Residual Range Organics (C28-C36)	1060	200	"	1000		106	70-130			
Surrogate: o-Terphenyl	46		"	49.8		92.8	50-150			
Surrogate: o-Terphenyl	46		"	49.8		92.8	50-150			

**Matrix Spike (B5H1923-MS1)**

**Source: E5H0387-01**

Prepared: 08/19/2025 Analyzed: 08/20/2025

Diesel (C10-C28)	1110	54.1	mg/kg dry	1080	ND	102	70-130			
Diesel (C10-C28)	1110	54.1	"	1080	ND	102	70-130			
Residual Range Organics (C28-C36)	1170	217	"	1080	ND	108	70-130			
Residual Range Organics (C28-C36)	1170	217	"	1080	ND	108	70-130			
Surrogate: o-Terphenyl	46		"	53.9		86.2	50-150			
Surrogate: o-Terphenyl	46		"	53.9		86.2	50-150			

**Matrix Spike Dup (B5H1923-MSD1)**

**Source: E5H0387-01**

Prepared: 08/19/2025 Analyzed: 08/20/2025

Diesel (C10-C28)	1080	54.1	mg/kg dry	1080	ND	99.8	70-130	2.58	35	
Diesel (C10-C28)	1080	54.1	"	1080	ND	99.8	70-130	2.58	35	
Residual Range Organics (C28-C36)	1150	217	"	1080	ND	106	70-130	1.72	35	

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**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5H1923 - EPA 3550B

Matrix Spike Dup (B5H1923-MSD1)

Source: E5H0387-01

Prepared: 08/19/2025 Analyzed: 08/20/2025

Residual Range Organics (C28-C36)	1150	217	mg/kg dry	1080	ND	106	70-130	1.72	35	
Surrogate: o-Terphenyl	51		"	53.9		94.5	50-150			
Surrogate: o-Terphenyl	51		"	53.9		94.5	50-150			

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**Metals by EPA 6000/7000 Series Methods - Quality Control**  
**Origins Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B5H2159 - EPA 3050B**

Prepared: 08/21/2025 Analyzed: 08/26/2025

**Blank (B5H2159-BLK1)**

Arsenic	ND	0.218	mg/kg wet							U
Barium	ND	61.2	"							U
Cadmium	ND	0.285	"							U
Copper	ND	34.5	"							U
Lead	ND	10.5	"							U
Nickel	ND	19.5	"							U
Selenium	ND	0.184	"							U
Silver	ND	0.600	"							U
Zinc	ND	278	"							U

**LCS (B5H2159-BS1)**

Prepared: 08/21/2025 Analyzed: 08/22/2025

Arsenic	4.90	0.218	mg/kg wet	5.00		98.1	80-120			
Barium	503	61.2	"	500		101	80-120			
Cadmium	5.11	0.285	"	5.00		102	80-120			
Copper	54.1	34.5	"	50.0		108	80-120			
Lead	4.82	10.5	"	5.00		96.5	80-120			U
Nickel	5.25	19.5	"	5.00		105	80-120			U
Selenium	4.78	0.184	"	5.00		95.7	80-120			
Silver	5.36	0.600	"	5.00		107	80-120			
Zinc	50.7	278	"	50.0		101	80-120			U

**Matrix Spike (B5H2159-MS1)**

Source: E5H0387-01

Prepared: 08/21/2025 Analyzed: 08/22/2025

Arsenic	7.43	0.210	mg/kg dry	4.81	3.35	84.8	75-125			
Barium	518	58.9	"	481	81.2	90.9	75-125			
Cadmium	4.64	0.274	"	4.81	0.115	94.0	75-125			
Copper	54.9	33.2	"	48.1	8.53	96.3	75-125			
Lead	10.5	10.1	"	4.81	7.14	70.3	75-125			QM-07

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**Metals by EPA 6000/7000 Series Methods - Quality Control**  
**Origins Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B5H2159 - EPA 3050B**

**Matrix Spike (B5H2159-MS1)**

**Source: E5H0387-01**

Prepared: 08/21/2025 Analyzed: 08/22/2025

Nickel	13.4	18.8	mg/kg dry	4.81	9.38	83.6	75-125			U
Selenium	4.56	0.178	"	4.81	0.237	89.9	75-125			
Silver	4.89	0.577	"	4.81	0.0313	101	75-125			
Zinc	75.0	267	"	48.1	34.3	84.6	75-125			U

**Matrix Spike Dup (B5H2159-MSD1)**

**Source: E5H0387-01**

Prepared: 08/21/2025 Analyzed: 08/22/2025

Arsenic	8.41	0.198	mg/kg dry	4.55	3.35	111	75-125	12.4	20	
Barium	514	55.7	"	455	81.2	95.0	75-125	0.920	20	
Cadmium	4.40	0.259	"	4.55	0.115	94.1	75-125	5.28	20	
Copper	52.5	31.4	"	45.5	8.53	96.5	75-125	4.51	20	
Lead	10.5	9.56	"	4.55	7.14	73.5	75-125	0.357	20	QM-07
Nickel	13.7	17.8	"	4.55	9.38	94.4	75-125	2.02	20	U
Selenium	4.04	0.168	"	4.55	0.237	83.6	75-125	12.1	20	
Silver	4.56	0.546	"	4.55	0.0313	99.4	75-125	7.06	20	
Zinc	71.1	253	"	45.5	34.3	80.8	75-125	5.35	20	U

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**Saturated Paste - Quality Control**  
**Origins Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B5H1914 - Saturated Paste pH/EC**

**Blank (B5H1914-BLK1)**

Prepared: 08/19/2025 Analyzed: 08/20/2025

Specific Conductance (EC) ND 0.00500 mmhos/cm U

**Duplicate (B5H1914-DUP1)**

**Source: E5H0386-01**

Prepared: 08/19/2025 Analyzed: 08/20/2025

pH 8.27 pH Units 8.04 2.82 25

Specific Conductance (EC) 1.87 0.00500 mmhos/cm 2.37 24.0 25

**Batch B5H1915 - Saturated Paste pH/EC**

**Blank (B5H1915-BLK1)**

Prepared: 08/19/2025 Analyzed: 08/20/2025

Specific Conductance (EC) ND 0.00500 mmhos/cm U

**Duplicate (B5H1915-DUP1)**

**Source: E5H0387-07**

Prepared: 08/19/2025 Analyzed: 08/20/2025

Specific Conductance (EC) 0.533 0.00500 mmhos/cm 0.502 5.84 25

pH 7.89 pH Units 7.98 1.13 25

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 Project: Chevron - McClellan 03-32 (FAC)

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B5H1924 - EPA 5030 (soil)**

Prepared: 08/19/2025 Analyzed: 08/20/2025

**Blank (B5H1924-BLK1)**

1,2,4-Trimethylbenzene	ND	0.002	mg/kg wet							U
1,2,4-Trimethylbenzene	ND	0.002	"							U
1,3,5-Trimethylbenzene	ND	0.002	"							U
1,3,5-Trimethylbenzene	ND	0.002	"							U
Benzene	ND	0.002	"							U
Benzene	ND	0.002	"							U
Ethylbenzene	ND	0.002	"							U
Ethylbenzene	ND	0.002	"							U
Toluene	ND	0.002	"							U
Toluene	ND	0.002	"							U
Xylenes, total	ND	0.002	"							U
Xylenes, total	ND	0.002	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U

Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125	104	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125	104	70-130				
Surrogate: Toluene-d8	0.13		"	0.125	104	70-130				
Surrogate: Toluene-d8	0.13		"	0.125	104	70-130				
Surrogate: 4-Bromofluorobenzene	0.14		"	0.125	108	70-130				
Surrogate: 4-Bromofluorobenzene	0.14		"	0.125	108	70-130				

**LCS (B5H1924-BS1)**

Prepared: 08/19/2025 Analyzed: 08/20/2025

1,2,4-Trimethylbenzene	0.105	0.002	mg/kg wet	0.100	105	70-130				
1,2,4-Trimethylbenzene	0.105	0.002	"	0.100	105	70-130				
1,3,5-Trimethylbenzene	0.104	0.002	"	0.100	104	70-130				
1,3,5-Trimethylbenzene	0.104	0.002	"	0.100	104	70-130				
Benzene	0.086	0.002	"	0.100	86.3	70-130				

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**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B5H1924 - EPA 5030 (soil)**

**LCS (B5H1924-BS1)**

Prepared: 08/19/2025 Analyzed: 08/20/2025

Benzene	0.086	0.002	mg/kg wet	0.100		86.3	70-130			
Ethylbenzene	0.103	0.002	"	0.100		103	70-130			
Ethylbenzene	0.103	0.002	"	0.100		103	70-130			
Toluene	0.091	0.002	"	0.100		91.0	70-130			
Toluene	0.091	0.002	"	0.100		91.0	70-130			
o-Xylene	0.099	0.002	"	0.100		99.2	70-130			
o-Xylene	0.099	0.002	"	0.100		99.2	70-130			
m,p-Xylene	0.199	0.004	"	0.200		99.7	70-130			
m,p-Xylene	0.199	0.004	"	0.200		99.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		105	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		101	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		101	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		101	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		101	70-130			

**Matrix Spike (B5H1924-MS1)**

**Source: E5H0387-01**

Prepared: 08/19/2025 Analyzed: 08/20/2025

1,2,4-Trimethylbenzene	0.110	0.002	mg/kg dry	0.108	ND	101	70-130			
1,2,4-Trimethylbenzene	0.110	0.002	"	0.108	ND	101	70-130			
1,3,5-Trimethylbenzene	0.109	0.002	"	0.108	ND	100	70-130			
1,3,5-Trimethylbenzene	0.109	0.002	"	0.108	ND	100	70-130			
Benzene	0.089	0.002	"	0.108	ND	82.0	70-130			
Benzene	0.089	0.002	"	0.108	ND	82.0	70-130			
Ethylbenzene	0.109	0.002	"	0.108	ND	101	70-130			
Ethylbenzene	0.109	0.002	"	0.108	ND	101	70-130			
Toluene	0.093	0.002	"	0.108	ND	86.1	70-130			
Toluene	0.093	0.002	"	0.108	ND	86.1	70-130			

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**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5H1924 - EPA 5030 (soil)

**Matrix Spike (B5H1924-MS1)**

Source: E5H0387-01

Prepared: 08/19/2025 Analyzed: 08/20/2025

o-Xylene	0.106	0.002	mg/kg dry	0.108	ND	97.7	70-130			
o-Xylene	0.106	0.002	"	0.108	ND	97.7	70-130			
m,p-Xylene	0.213	0.004	"	0.217	ND	98.3	70-130			
m,p-Xylene	0.213	0.004	"	0.217	ND	98.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.14		"	0.135		99.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.14		"	0.135		99.8	70-130			
Surrogate: Toluene-d8	0.14		"	0.135		101	70-130			
Surrogate: Toluene-d8	0.14		"	0.135		101	70-130			
Surrogate: 4-Bromofluorobenzene	0.14		"	0.135		104	70-130			
Surrogate: 4-Bromofluorobenzene	0.14		"	0.135		104	70-130			

**Matrix Spike Dup (B5H1924-MSD1)**

Source: E5H0387-01

Prepared: 08/19/2025 Analyzed: 08/20/2025

1,2,4-Trimethylbenzene	0.104	0.002	mg/kg dry	0.108	ND	95.8	70-130	5.56	20	
1,2,4-Trimethylbenzene	0.104	0.002	"	0.108	ND	95.8	70-130	5.56	20	
1,3,5-Trimethylbenzene	0.102	0.002	"	0.108	ND	94.2	70-130	6.31	20	
1,3,5-Trimethylbenzene	0.102	0.002	"	0.108	ND	94.2	70-130	6.31	20	
Benzene	0.089	0.002	"	0.108	ND	82.1	70-130	0.146	20	
Benzene	0.089	0.002	"	0.108	ND	82.1	70-130	0.146	20	
Ethylbenzene	0.102	0.002	"	0.108	ND	94.1	70-130	7.21	20	
Ethylbenzene	0.102	0.002	"	0.108	ND	94.1	70-130	7.21	20	
Toluene	0.091	0.002	"	0.108	ND	84.0	70-130	2.52	20	
Toluene	0.091	0.002	"	0.108	ND	84.0	70-130	2.52	20	
o-Xylene	0.100	0.002	"	0.108	ND	92.0	70-130	6.01	20	
o-Xylene	0.100	0.002	"	0.108	ND	92.0	70-130	6.01	20	
m,p-Xylene	0.197	0.004	"	0.217	ND	91.1	70-130	7.64	20	
m,p-Xylene	0.197	0.004	"	0.217	ND	91.1	70-130	7.64	20	
Surrogate: 1,2-Dichloroethane-d4	0.14		"	0.135		102	70-130			

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**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5H1924 - EPA 5030 (soil)

Matrix Spike Dup (B5H1924-MSD1)

Source: E5H0387-01

Prepared: 08/19/2025 Analyzed: 08/20/2025

Surrogate: 1,2-Dichloroethane-d4	0.14		mg/kg dry	0.135		102	70-130			
Surrogate: Toluene-d8	0.13		"	0.135		98.3	70-130			
Surrogate: Toluene-d8	0.13		"	0.135		98.3	70-130			
Surrogate: 4-Bromofluorobenzene	0.14		"	0.135		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.14		"	0.135		102	70-130			

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 Project: Chevron - McClellan 03-32 (FAC)

**SM2540G-2020 - Quality Control**  
**Enthalpy Analytical**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch BIH1326 - No Prep Wet Chem**

**Blank (BIH1326-BLK1)**

Prepared: 08/26/2025 Analyzed: 08/26/2025

Percent Solids 100 0.10 %

**Duplicate (BIH1326-DUP1)**

**Source: 25H1940-01**

Prepared: 08/26/2025 Analyzed: 08/26/2025

Percent Solids 93.4 0.10 % 94.1 - 0.766 20

**Batch BIH1327 - No Prep Wet Chem**

**Blank (BIH1327-BLK1)**

Prepared: 08/26/2025 Analyzed: 08/26/2025

Percent Solids 100 0.10 %

**Duplicate (BIH1327-DUP1)**

**Source: E5H0387-06**

Prepared: 08/26/2025 Analyzed: 08/26/2025

Percent Solids 90.2 0.10 % 88.4 - 1.99 20

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 Project: Chevron - McClellan 03-32 (FAC)

**Total Metals by SW7199 - Quality Control  
 Enthalpy Analytical**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch BII0364 - No Prep IC-WET</b>										
<b>Blank (BII0364-BLK1)</b>										
					Prepared: 09/08/2025 Analyzed: 09/11/2025					
Chromium, Hexavalent	ND	0.005	mg/kg wet dry							
<b>LCS (BII0364-BS1)</b>										
					Prepared: 09/08/2025 Analyzed: 09/11/2025					
Chromium, Hexavalent	0.05	0.005	mg/kg wet dry	0.0500		99.3	80-120			
<b>LCS (BII0364-BS2)</b>										
					Prepared: 09/08/2025 Analyzed: 09/11/2025					
Chromium, Hexavalent	7.59	1.00	mg/kg wet dry	8.56		88.7	80-120			
<b>Matrix Spike (BII0364-MS1)</b>										
		<b>Source: 25H1951-01RE1</b>			Prepared: 09/08/2025 Analyzed: 09/11/2025					
Chromium, Hexavalent	2.25	0.23	mg/kg dry	2.27	ND	99.4	75-125			
<b>Matrix Spike Dup (BII0364-MSD1)</b>										
		<b>Source: 25H1951-01RE1</b>			Prepared: 09/08/2025 Analyzed: 09/11/2025					
Chromium, Hexavalent	2.25	0.23	mg/kg dry	2.26	ND	99.7	75-125	0.0288	20	

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



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Scott Williamson  
Project Number: 37851  
Project: Chevron - McClellan 03-32 (FAC)

**Notes and Definitions**

- U Sample is Non-Detect.
- QR-DUP RPD exceeds QC acceptance criteria, this indicates source sample is not homogenous.
- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- J The reported result is an estimated value.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference

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