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Automated Report

Technical Report for

Civitas

Gordon 13-19

09C2407089

SGS Job Number: DA78742

Sampling Date: 01/14/26

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Total number of pages in report: 745

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

Eric Hoffman

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SGS North America Inc.

Sample Summary

Civitas

Job No: DA78742

Gordon 13-19
Project No: 09C2407089

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA78742-1	01/14/26	13:40	EG	01/14/26	SO	Soil	E11@8'
DA78742-1A	01/14/26	13:40	EG	01/14/26	SO	Soil	E11@8'
DA78742-1B	01/14/26	13:40	EG	01/14/26	SO	Soil	E11@8'
DA78742-1C	01/14/26	13:40	EG	01/14/26	SO	Soil	E11@8'
DA78742-2	01/14/26	09:00	EG	01/14/26	SO	Soil	E12@12'
DA78742-2A	01/14/26	09:00	EG	01/14/26	SO	Soil	E12@12'
DA78742-2B	01/14/26	09:00	EG	01/14/26	SO	Soil	E12@12'
DA78742-2C	01/14/26	09:00	EG	01/14/26	SO	Soil	E12@12'
DA78742-3	01/14/26	09:02	EG	01/14/26	SO	Soil	E13@12'
DA78742-3A	01/14/26	09:02	EG	01/14/26	SO	Soil	E13@12'
DA78742-3B	01/14/26	09:02	EG	01/14/26	SO	Soil	E13@12'
DA78742-3C	01/14/26	09:02	EG	01/14/26	SO	Soil	E13@12'
DA78742-4	01/14/26	09:04	EG	01/14/26	SO	Soil	E14@12'

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

Civitas

Job No: DA78742

Gordon 13-19
Project No: 09C2407089

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA78742-4A	01/14/26	09:04	EG	01/14/26	SO	Soil	E14@12'
DA78742-4B	01/14/26	09:04	EG	01/14/26	SO	Soil	E14@12'
DA78742-4C	01/14/26	09:04	EG	01/14/26	SO	Soil	E14@12'
DA78742-5	01/14/26	09:08	EG	01/14/26	SO	Soil	N18@12'
DA78742-5A	01/14/26	09:08	EG	01/14/26	SO	Soil	N18@12'
DA78742-5B	01/14/26	09:08	EG	01/14/26	SO	Soil	N18@12'
DA78742-5C	01/14/26	09:08	EG	01/14/26	SO	Soil	N18@12'
DA78742-6	01/14/26	09:10	EG	01/14/26	SO	Soil	N19@12'
DA78742-6A	01/14/26	09:10	EG	01/14/26	SO	Soil	N19@12'
DA78742-6B	01/14/26	09:10	EG	01/14/26	SO	Soil	N19@12'
DA78742-6C	01/14/26	09:10	EG	01/14/26	SO	Soil	N19@12'
DA78742-7	01/14/26	09:12	EG	01/14/26	SO	Soil	N20@12'
DA78742-7A	01/14/26	09:12	EG	01/14/26	SO	Soil	N20@12'

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

Civitas

Job No: DA78742

Gordon 13-19
Project No: 09C2407089

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA78742-7B	01/14/26	09:12	EG	01/14/26	SO	Soil	N20@12'
DA78742-7C	01/14/26	09:12	EG	01/14/26	SO	Soil	N20@12'
DA78742-8	01/14/26	09:14	EG	01/14/26	SO	Soil	N21@12'
DA78742-8A	01/14/26	09:14	EG	01/14/26	SO	Soil	N21@12'
DA78742-8B	01/14/26	09:14	EG	01/14/26	SO	Soil	N21@12'
DA78742-8C	01/14/26	09:14	EG	01/14/26	SO	Soil	N21@12'
DA78742-9	01/14/26	09:18	EG	01/14/26	SO	Soil	N22@12'
DA78742-9A	01/14/26	09:18	EG	01/14/26	SO	Soil	N22@12'
DA78742-9B	01/14/26	09:18	EG	01/14/26	SO	Soil	N22@12'
DA78742-9C	01/14/26	09:18	EG	01/14/26	SO	Soil	N22@12'
DA78742-10	01/14/26	09:22	EG	01/14/26	SO	Soil	N23@12'
DA78742-10A	01/14/26	09:22	EG	01/14/26	SO	Soil	N23@12'
DA78742-10B	01/14/26	09:22	EG	01/14/26	SO	Soil	N23@12'

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

Civitas

Job No: DA78742

Gordon 13-19
Project No: 09C2407089

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA78742-10C	01/14/26	09:22	EG	01/14/26	SO	Soil	N23@12'
DA78742-11	01/14/26	09:24	EG	01/14/26	SO	Soil	N24@12'
DA78742-11A	01/14/26	09:24	EG	01/14/26	SO	Soil	N24@12'
DA78742-11B	01/14/26	09:24	EG	01/14/26	SO	Soil	N24@12'
DA78742-11C	01/14/26	09:24	EG	01/14/26	SO	Soil	N24@12'
DA78742-12	01/14/26	09:26	EG	01/14/26	SO	Soil	N25@12'
DA78742-12A	01/14/26	09:26	EG	01/14/26	SO	Soil	N25@12'
DA78742-12B	01/14/26	09:26	EG	01/14/26	SO	Soil	N25@12'
DA78742-12C	01/14/26	09:26	EG	01/14/26	SO	Soil	N25@12'
DA78742-13	01/14/26	09:28	EG	01/14/26	SO	Soil	N26@12'
DA78742-13A	01/14/26	09:28	EG	01/14/26	SO	Soil	N26@12'
DA78742-13B	01/14/26	09:28	EG	01/14/26	SO	Soil	N26@12'
DA78742-13C	01/14/26	09:28	EG	01/14/26	SO	Soil	N26@12'

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

Civitas

Job No: DA78742

Gordon 13-19
Project No: 09C2407089

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA78742-14	01/14/26	09:30	EG	01/14/26	SO	Soil	N27@12'
DA78742-14A	01/14/26	09:30	EG	01/14/26	SO	Soil	N27@12'
DA78742-14B	01/14/26	09:30	EG	01/14/26	SO	Soil	N27@12'
DA78742-14C	01/14/26	09:30	EG	01/14/26	SO	Soil	N27@12'
DA78742-15	01/14/26	09:32	EG	01/14/26	SO	Soil	N28@12'
DA78742-15A	01/14/26	09:32	EG	01/14/26	SO	Soil	N28@12'
DA78742-15B	01/14/26	09:32	EG	01/14/26	SO	Soil	N28@12'
DA78742-15C	01/14/26	09:32	EG	01/14/26	SO	Soil	N28@12'
DA78742-16	01/14/26	09:36	EG	01/14/26	SO	Soil	N29@12'
DA78742-16A	01/14/26	09:36	EG	01/14/26	SO	Soil	N29@12'
DA78742-16B	01/14/26	09:36	EG	01/14/26	SO	Soil	N29@12'
DA78742-16C	01/14/26	09:36	EG	01/14/26	SO	Soil	N29@12'
DA78742-17	01/14/26	09:40	EG	01/14/26	SO	Soil	N30@12'

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

Civitas

Job No: DA78742

Gordon 13-19
Project No: 09C2407089

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA78742-17A	01/14/26	09:40	EG	01/14/26	SO	Soil	N30@12'
DA78742-17B	01/14/26	09:40	EG	01/14/26	SO	Soil	N30@12'
DA78742-17C	01/14/26	09:40	EG	01/14/26	SO	Soil	N30@12'
DA78742-18	01/14/26	09:42	EG	01/14/26	SO	Soil	W16@12'
DA78742-18A	01/14/26	09:42	EG	01/14/26	SO	Soil	W16@12'
DA78742-18B	01/14/26	09:42	EG	01/14/26	SO	Soil	W16@12'
DA78742-18C	01/14/26	09:42	EG	01/14/26	SO	Soil	W16@12'
DA78742-19	01/14/26	09:44	EG	01/14/26	SO	Soil	W17@12'
DA78742-19A	01/14/26	09:44	EG	01/14/26	SO	Soil	W17@12'
DA78742-19B	01/14/26	09:44	EG	01/14/26	SO	Soil	W17@12'
DA78742-19C	01/14/26	09:44	EG	01/14/26	SO	Soil	W17@12'
DA78742-20	01/14/26	09:46	EG	01/14/26	SO	Soil	W18@12'
DA78742-20A	01/14/26	09:46	EG	01/14/26	SO	Soil	W18@12'

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

Civitas

Job No: DA78742

Gordon 13-19
Project No: 09C2407089

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA78742-20B	01/14/26	09:46	EG	01/14/26	SO	Soil	W18@12'
DA78742-20C	01/14/26	09:46	EG	01/14/26	SO	Soil	W18@12'
DA78742-21	01/14/26	09:48	EG	01/14/26	SO	Soil	W19@12'
DA78742-21A	01/14/26	09:48	EG	01/14/26	SO	Soil	W19@12'
DA78742-21B	01/14/26	09:48	EG	01/14/26	SO	Soil	W19@12'
DA78742-21C	01/14/26	09:48	EG	01/14/26	SO	Soil	W19@12'
DA78742-22	01/14/26	09:50	EG	01/14/26	SO	Soil	W20@12'
DA78742-22A	01/14/26	09:50	EG	01/14/26	SO	Soil	W20@12'
DA78742-22B	01/14/26	09:50	EG	01/14/26	SO	Soil	W20@12'
DA78742-22C	01/14/26	09:50	EG	01/14/26	SO	Soil	W20@12'
DA78742-23	01/14/26	09:55	EG	01/14/26	SO	Soil	S13@12'
DA78742-23A	01/14/26	09:55	EG	01/14/26	SO	Soil	S13@12'
DA78742-23B	01/14/26	09:55	EG	01/14/26	SO	Soil	S13@12'

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

Civitas

Job No: DA78742

Gordon 13-19
Project No: 09C2407089

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA78742-23C	01/14/26	09:55	EG	01/14/26	SO	Soil	S13@12'
DA78742-24	01/14/26	09:57	EG	01/14/26	SO	Soil	S14@12'
DA78742-24A	01/14/26	09:57	EG	01/14/26	SO	Soil	S14@12'
DA78742-24B	01/14/26	09:57	EG	01/14/26	SO	Soil	S14@12'
DA78742-24C	01/14/26	09:57	EG	01/14/26	SO	Soil	S14@12'
DA78742-25	01/14/26	10:00	EG	01/14/26	SO	Soil	S15@12'
DA78742-25A	01/14/26	10:00	EG	01/14/26	SO	Soil	S15@12'
DA78742-25B	01/14/26	10:00	EG	01/14/26	SO	Soil	S15@12'
DA78742-25C	01/14/26	10:00	EG	01/14/26	SO	Soil	S15@12'
DA78742-26	01/14/26	10:05	EG	01/14/26	SO	Soil	S16@12'
DA78742-26A	01/14/26	10:05	EG	01/14/26	SO	Soil	S16@12'
DA78742-26B	01/14/26	10:05	EG	01/14/26	SO	Soil	S16@12'
DA78742-26C	01/14/26	10:05	EG	01/14/26	SO	Soil	S16@12'

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

Civitas

Job No: DA78742

Gordon 13-19
Project No: 09C2407089

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA78742-27	01/14/26	10:10	EG	01/14/26	SO	Soil	S17@12'
DA78742-27A	01/14/26	10:10	EG	01/14/26	SO	Soil	S17@12'
DA78742-27B	01/14/26	10:10	EG	01/14/26	SO	Soil	S17@12'
DA78742-27C	01/14/26	10:10	EG	01/14/26	SO	Soil	S17@12'
DA78742-28	01/14/26	10:15	EG	01/14/26	SO	Soil	S18@12'
DA78742-28A	01/14/26	10:15	EG	01/14/26	SO	Soil	S18@12'
DA78742-28B	01/14/26	10:15	EG	01/14/26	SO	Soil	S18@12'
DA78742-28C	01/14/26	10:15	EG	01/14/26	SO	Soil	S18@12'
DA78742-29	01/14/26	10:20	EG	01/14/26	SO	Soil	S19@12'
DA78742-29A	01/14/26	10:20	EG	01/14/26	SO	Soil	S19@12'
DA78742-29B	01/14/26	10:20	EG	01/14/26	SO	Soil	S19@12'
DA78742-29C	01/14/26	10:20	EG	01/14/26	SO	Soil	S19@12'
DA78742-30	01/14/26	10:25	EG	01/14/26	SO	Soil	S20@12'

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

Civitas

Job No: DA78742

Gordon 13-19
Project No: 09C2407089

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA78742-30A	01/14/26	10:25	EG	01/14/26	SO	Soil	S20@12'
DA78742-30B	01/14/26	10:25	EG	01/14/26	SO	Soil	S20@12'
DA78742-30C	01/14/26	10:25	EG	01/14/26	SO	Soil	S20@12'
DA78742-31	01/14/26	10:30	EG	01/14/26	SO	Soil	S21@25'
DA78742-31A	01/14/26	10:30	EG	01/14/26	SO	Soil	S21@25'
DA78742-31B	01/14/26	10:30	EG	01/14/26	SO	Soil	S21@25'
DA78742-31C	01/14/26	10:30	EG	01/14/26	SO	Soil	S21@25'
DA78742-32	01/14/26	10:35	EG	01/14/26	SO	Soil	S22@12'
DA78742-32A	01/14/26	10:35	EG	01/14/26	SO	Soil	S22@12'
DA78742-32B	01/14/26	10:35	EG	01/14/26	SO	Soil	S22@12'
DA78742-32C	01/14/26	10:35	EG	01/14/26	SO	Soil	S22@12'
DA78742-33	01/14/26	10:40	EG	01/14/26	SO	Soil	S23@12'
DA78742-33A	01/14/26	10:40	EG	01/14/26	SO	Soil	S23@12'

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

Civitas

Job No: DA78742

Gordon 13-19
Project No: 09C2407089

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA78742-33B	01/14/26	10:40	EG	01/14/26	SO	Soil	S23@12'
DA78742-33C	01/14/26	10:40	EG	01/14/26	SO	Soil	S23@12'
DA78742-34	01/14/26	10:45	EG	01/14/26	SO	Soil	S24@12'
DA78742-34A	01/14/26	10:45	EG	01/14/26	SO	Soil	S24@12'
DA78742-34B	01/14/26	10:45	EG	01/14/26	SO	Soil	S24@12'
DA78742-34C	01/14/26	10:45	EG	01/14/26	SO	Soil	S24@12'
DA78742-35	01/14/26	10:50	EG	01/14/26	SO	Soil	S25@12'
DA78742-35A	01/14/26	10:50	EG	01/14/26	SO	Soil	S25@12'
DA78742-35B	01/14/26	10:50	EG	01/14/26	SO	Soil	S25@12'
DA78742-35C	01/14/26	10:50	EG	01/14/26	SO	Soil	S25@12'
DA78742-36	01/14/26	11:00	EG	01/14/26	SO	Soil	B23@25'
DA78742-36A	01/14/26	11:00	EG	01/14/26	SO	Soil	B23@25'
DA78742-36B	01/14/26	11:00	EG	01/14/26	SO	Soil	B23@25'

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

Civitas

Job No: DA78742

Gordon 13-19
Project No: 09C2407089

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA78742-36C	01/14/26	11:00	EG	01/14/26	SO	Soil	B23@25'
DA78742-37	01/14/26	11:05	EG	01/14/26	SO	Soil	B24@25'
DA78742-37A	01/14/26	11:05	EG	01/14/26	SO	Soil	B24@25'
DA78742-37B	01/14/26	11:05	EG	01/14/26	SO	Soil	B24@25'
DA78742-37C	01/14/26	11:05	EG	01/14/26	SO	Soil	B24@25'
DA78742-38	01/14/26	11:10	EG	01/14/26	SO	Soil	B25@25'
DA78742-38A	01/14/26	11:10	EG	01/14/26	SO	Soil	B25@25'
DA78742-38B	01/14/26	11:10	EG	01/14/26	SO	Soil	B25@25'
DA78742-38C	01/14/26	11:10	EG	01/14/26	SO	Soil	B25@25'
DA78742-39	01/14/26	11:15	EG	01/14/26	SO	Soil	B26@25'
DA78742-39A	01/14/26	11:15	EG	01/14/26	SO	Soil	B26@25'
DA78742-39B	01/14/26	11:15	EG	01/14/26	SO	Soil	B26@25'
DA78742-39C	01/14/26	11:15	EG	01/14/26	SO	Soil	B26@25'

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

Civitas

Job No: DA78742

Gordon 13-19
Project No: 09C2407089

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA78742-40	01/14/26	11:25	EG	01/14/26	SO	Soil	B27@25'
DA78742-40A	01/14/26	11:25	EG	01/14/26	SO	Soil	B27@25'
DA78742-40B	01/14/26	11:25	EG	01/14/26	SO	Soil	B27@25'
DA78742-40C	01/14/26	11:25	EG	01/14/26	SO	Soil	B27@25'
DA78742-41	01/14/26	11:30	EG	01/14/26	SO	Soil	B28@25'
DA78742-41A	01/14/26	11:30	EG	01/14/26	SO	Soil	B28@25'
DA78742-41B	01/14/26	11:30	EG	01/14/26	SO	Soil	B28@25'
DA78742-41C	01/14/26	11:30	EG	01/14/26	SO	Soil	B28@25'
DA78742-42	01/14/26	11:40	EG	01/14/26	SO	Soil	B29@25'
DA78742-42A	01/14/26	11:40	EG	01/14/26	SO	Soil	B29@25'
DA78742-42B	01/14/26	11:40	EG	01/14/26	SO	Soil	B29@25'
DA78742-42C	01/14/26	11:40	EG	01/14/26	SO	Soil	B29@25'
DA78742-43	01/14/26	11:50	EG	01/14/26	SO	Soil	B30@25'

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

Civitas

Job No: DA78742

Gordon 13-19
Project No: 09C2407089

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA78742-43A	01/14/26	11:50	EG	01/14/26	SO	Soil	B30@25'
DA78742-43B	01/14/26	11:50	EG	01/14/26	SO	Soil	B30@25'
DA78742-43C	01/14/26	11:50	EG	01/14/26	SO	Soil	B30@25'
DA78742-44	01/14/26	11:53	EG	01/14/26	SO	Soil	B31@35'
DA78742-44A	01/14/26	11:53	EG	01/14/26	SO	Soil	B31@35'
DA78742-44B	01/14/26	11:53	EG	01/14/26	SO	Soil	B31@35'
DA78742-44C	01/14/26	11:53	EG	01/14/26	SO	Soil	B31@35'
DA78742-45	01/14/26	11:55	EG	01/14/26	SO	Soil	B32@25'
DA78742-45A	01/14/26	11:55	EG	01/14/26	SO	Soil	B32@25'
DA78742-45B	01/14/26	11:55	EG	01/14/26	SO	Soil	B32@25'
DA78742-45C	01/14/26	11:55	EG	01/14/26	SO	Soil	B32@25'
DA78742-46	01/14/26	11:57	EG	01/14/26	SO	Soil	B33@25'
DA78742-46A	01/14/26	11:57	EG	01/14/26	SO	Soil	B33@25'

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

Civitas

Job No: DA78742

Gordon 13-19
Project No: 09C2407089

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA78742-46B	01/14/26	11:57	EG	01/14/26	SO	Soil	B33@25'
DA78742-46C	01/14/26	11:57	EG	01/14/26	SO	Soil	B33@25'
DA78742-47	01/14/26	12:00	EG	01/14/26	SO	Soil	B34@25'
DA78742-47A	01/14/26	12:00	EG	01/14/26	SO	Soil	B34@25'
DA78742-47B	01/14/26	12:00	EG	01/14/26	SO	Soil	B34@25'
DA78742-47C	01/14/26	12:00	EG	01/14/26	SO	Soil	B34@25'
DA78742-48	01/14/26	12:03	EG	01/14/26	SO	Soil	B35@25'
DA78742-48A	01/14/26	12:03	EG	01/14/26	SO	Soil	B35@25'
DA78742-48B	01/14/26	12:03	EG	01/14/26	SO	Soil	B35@25'
DA78742-48C	01/14/26	12:03	EG	01/14/26	SO	Soil	B35@25'
DA78742-49	01/14/26	12:07	EG	01/14/26	SO	Soil	B36@25'
DA78742-49A	01/14/26	12:07	EG	01/14/26	SO	Soil	B36@25'
DA78742-49B	01/14/26	12:07	EG	01/14/26	SO	Soil	B36@25'

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

SGS North America Inc.

Sample Summary
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Civitas

Job No: DA78742

Gordon 13-19
Project No: 09C2407089

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA78742-49C	01/14/26	12:07	EG	01/14/26	SO	Soil	B36@25'
DA78742-50	01/14/26	12:10	EG	01/14/26	SO	Soil	B37@25'
DA78742-50A	01/14/26	12:10	EG	01/14/26	SO	Soil	B37@25'
DA78742-50B	01/14/26	12:10	EG	01/14/26	SO	Soil	B37@25'
DA78742-50C	01/14/26	12:10	EG	01/14/26	SO	Soil	B37@25'
DA78742-51	01/14/26	12:12	EG	01/14/26	SO	Soil	B38@25'
DA78742-51A	01/14/26	12:12	EG	01/14/26	SO	Soil	B38@25'
DA78742-51B	01/14/26	12:12	EG	01/14/26	SO	Soil	B38@25'
DA78742-51C	01/14/26	12:12	EG	01/14/26	SO	Soil	B38@25'
DA78742-52	01/14/26	12:15	EG	01/14/26	SO	Soil	B39@25'
DA78742-52A	01/14/26	12:15	EG	01/14/26	SO	Soil	B39@25'
DA78742-52B	01/14/26	12:15	EG	01/14/26	SO	Soil	B39@25'
DA78742-52C	01/14/26	12:15	EG	01/14/26	SO	Soil	B39@25'

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

Civitas

Job No: DA78742

Gordon 13-19
Project No: 09C2407089

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA78742-53	01/14/26	12:17	EG	01/14/26	SO	Soil	B40@25'
DA78742-53A	01/14/26	12:17	EG	01/14/26	SO	Soil	B40@25'
DA78742-53B	01/14/26	12:17	EG	01/14/26	SO	Soil	B40@25'
DA78742-53C	01/14/26	12:17	EG	01/14/26	SO	Soil	B40@25'
DA78742-54	01/14/26	12:20	EG	01/14/26	SO	Soil	B41@25'
DA78742-54A	01/14/26	12:20	EG	01/14/26	SO	Soil	B41@25'
DA78742-54B	01/14/26	12:20	EG	01/14/26	SO	Soil	B41@25'
DA78742-54C	01/14/26	12:20	EG	01/14/26	SO	Soil	B41@25'
DA78742-55	01/14/26	12:23	EG	01/14/26	SO	Soil	B42@25'
DA78742-55A	01/14/26	12:23	EG	01/14/26	SO	Soil	B42@25'
DA78742-55B	01/14/26	12:23	EG	01/14/26	SO	Soil	B42@25'
DA78742-55C	01/14/26	12:23	EG	01/14/26	SO	Soil	B42@25'
DA78742-56	01/14/26	12:25	EG	01/14/26	SO	Soil	B43@25'

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

Civitas

Job No: DA78742

Gordon 13-19
Project No: 09C2407089

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA78742-56A	01/14/26	12:25	EG	01/14/26	SO	Soil	B43@25'
DA78742-56B	01/14/26	12:25	EG	01/14/26	SO	Soil	B43@25'
DA78742-56C	01/14/26	12:25	EG	01/14/26	SO	Soil	B43@25'
DA78742-57	01/14/26	12:27	EG	01/14/26	SO	Soil	B44@25'
DA78742-57A	01/14/26	12:27	EG	01/14/26	SO	Soil	B44@25'
DA78742-57B	01/14/26	12:27	EG	01/14/26	SO	Soil	B44@25'
DA78742-57C	01/14/26	12:27	EG	01/14/26	SO	Soil	B44@25'
DA78742-58	01/14/26	12:30	EG	01/14/26	SO	Soil	B45@25'
DA78742-58A	01/14/26	12:30	EG	01/14/26	SO	Soil	B45@25'
DA78742-58B	01/14/26	12:30	EG	01/14/26	SO	Soil	B45@25'
DA78742-58C	01/14/26	12:30	EG	01/14/26	SO	Soil	B45@25'
DA78742-59	01/14/26	12:35	EG	01/14/26	SO	Soil	B46@25'
DA78742-59A	01/14/26	12:35	EG	01/14/26	SO	Soil	B46@25'

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

Civitas

Job No: DA78742

Gordon 13-19
Project No: 09C2407089

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA78742-59B	01/14/26	12:35	EG	01/14/26	SO	Soil	B46@25'
DA78742-59C	01/14/26	12:35	EG	01/14/26	SO	Soil	B46@25'
DA78742-60	01/14/26	13:20	EG	01/14/26	SO	Soil	B47@12'
DA78742-60A	01/14/26	13:20	EG	01/14/26	SO	Soil	B47@12'
DA78742-60B	01/14/26	13:20	EG	01/14/26	SO	Soil	B47@12'
DA78742-60C	01/14/26	13:20	EG	01/14/26	SO	Soil	B47@12'
DA78742-61	01/14/26	13:25	EG	01/14/26	SO	Soil	B48@12'
DA78742-61A	01/14/26	13:25	EG	01/14/26	SO	Soil	B48@12'
DA78742-61B	01/14/26	13:25	EG	01/14/26	SO	Soil	B48@12'
DA78742-61C	01/14/26	13:25	EG	01/14/26	SO	Soil	B48@12'
DA78742-62	01/14/26	13:35	EG	01/14/26	SO	Soil	S26@8'
DA78742-62A	01/14/26	13:35	EG	01/14/26	SO	Soil	S26@8'
DA78742-62B	01/14/26	13:35	EG	01/14/26	SO	Soil	S26@8'

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

Civitas

Job No: DA78742

Gordon 13-19
Project No: 09C2407089

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA78742-62C	01/14/26	13:35	EG	01/14/26	SO	Soil	S26@8'
DA78742-63	01/14/26	13:30	EG	01/14/26	SO	Soil	N31@8'
DA78742-63A	01/14/26	13:30	EG	01/14/26	SO	Soil	N31@8'
DA78742-63B	01/14/26	13:30	EG	01/14/26	SO	Soil	N31@8'
DA78742-63C	01/14/26	13:30	EG	01/14/26	SO	Soil	N31@8'

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

Job Number: DA78742
Account: Civitas
Project: Gordon 13-19
Collected: 01/14/26

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA78742-1	**E11@8'**					
1-Methylnaphthalene		0.0047	0.0045		mg/kg	SW846 8270E
2-Methylnaphthalene		0.0059	0.0045		mg/kg	SW846 8270E
DA78742-1A	**E11@8'**					
Calcium		17.3	6.0		mg/l	SW846 6010C
Magnesium		5.22	3.0		mg/l	SW846 6010C
Sodium		1120	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		60.6			ratio	USDA HANDBOOK 60
DA78742-1B	**E11@8'**					
Boron		1.52	0.25		mg/l	SW846 6010C
DA78742-1C	**E11@8'**					
Arsenic		4.3	0.21		mg/kg	SW846 6020B
Barium		117	2.1		mg/kg	SW846 6020B
Cadmium		0.13	0.10		mg/kg	SW846 6020B
Copper		8.8	2.1		mg/kg	SW846 6020B
Lead		7.5	0.52		mg/kg	SW846 6020B
Nickel		8.7	2.1		mg/kg	SW846 6020B
Selenium		0.25	0.21		mg/kg	SW846 6020B
Zinc		23.4	10		mg/kg	SW846 6020B
pH		8.36			su	WREP-125,4E-SATPASTE
Specific Conductivity		4.9	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-2	**E12@12'**					
No hits reported in this sample.						
DA78742-2A	**E12@12'**					
Calcium		384	6.0		mg/l	SW846 6010C
Magnesium		136	3.0		mg/l	SW846 6010C
Sodium		281	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		3.14			ratio	USDA HANDBOOK 60
DA78742-2B	**E12@12'**					
Boron		0.361	0.25		mg/l	SW846 6010C

Summary of Hits

Job Number: DA78742
Account: Civitas
Project: Gordon 13-19
Collected: 01/14/26

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA78742-2C	**E12@12'**					
Arsenic		1.3	0.22		mg/kg	SW846 6020B
Barium		19.8	2.2		mg/kg	SW846 6020B
Copper		9.4	2.2		mg/kg	SW846 6020B
Lead		9.5	0.54		mg/kg	SW846 6020B
Nickel		6.2	2.2		mg/kg	SW846 6020B
Zinc		40.2	11		mg/kg	SW846 6020B
pH		7.59			su	WREP-125,4E-SATPASTE
Specific Conductivity		4.3	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-3	**E13@12'**					
No hits reported in this sample.						
DA78742-3A	**E13@12'**					
Calcium		237	6.0		mg/l	SW846 6010C
Magnesium		81.3	3.0		mg/l	SW846 6010C
Sodium		207	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		2.96			ratio	USDA HANDBOOK 60
DA78742-3B	**E13@12'**					
Boron		0.366	0.25		mg/l	SW846 6010C
DA78742-3C	**E13@12'**					
Arsenic		2.6	0.23		mg/kg	SW846 6020B
Barium		63.0	2.3		mg/kg	SW846 6020B
Copper		10.3	2.3		mg/kg	SW846 6020B
Lead		9.8	0.58		mg/kg	SW846 6020B
Nickel		10.1	2.3		mg/kg	SW846 6020B
Selenium		0.39	0.23		mg/kg	SW846 6020B
Zinc		39.8	12		mg/kg	SW846 6020B
pH		7.73			su	WREP-125,4E-SATPASTE
Specific Conductivity		2.3	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-4	**E14@12'**					
No hits reported in this sample.						
DA78742-4A	**E14@12'**					
Calcium		237	6.0		mg/l	SW846 6010C

Summary of Hits

Job Number: DA78742
Account: Civitas
Project: Gordon 13-19
Collected: 01/14/26

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Magnesium		85.8	3.0		mg/l	SW846 6010C
Sodium		236	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		3.34			ratio	USDA HANDBOOK 60
DA78742-4B	**E14@12'**					
Boron		0.341	0.25		mg/l	SW846 6010C
DA78742-4C	**E14@12'**					
Arsenic		3.6	0.21		mg/kg	SW846 6020B
Barium		44.5	2.1		mg/kg	SW846 6020B
Copper		22.1	2.1		mg/kg	SW846 6020B
Lead		11.3	0.52		mg/kg	SW846 6020B
Nickel		7.5	2.1		mg/kg	SW846 6020B
Selenium		0.39	0.21		mg/kg	SW846 6020B
Zinc		58.4	10		mg/kg	SW846 6020B
pH		7.71			su	WREP-125,4E-SATPASTE
Specific Conductivity		2.4	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-5	**N18@12'**					
No hits reported in this sample.						
DA78742-5A	**N18@12'**					
Calcium		200	6.0		mg/l	SW846 6010C
Magnesium		68.5	3.0		mg/l	SW846 6010C
Sodium		183	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		2.85			ratio	USDA HANDBOOK 60
DA78742-5B	**N18@12'**					
Boron		0.306	0.25		mg/l	SW846 6010C
DA78742-5C	**N18@12'**					
Arsenic		3.8	0.23		mg/kg	SW846 6020B
Barium		67.2	2.3		mg/kg	SW846 6020B
Copper		11.6	2.3		mg/kg	SW846 6020B
Lead		18.4	0.57		mg/kg	SW846 6020B
Nickel		5.8	2.3		mg/kg	SW846 6020B
Selenium		0.29	0.23		mg/kg	SW846 6020B
Zinc		30.5	11		mg/kg	SW846 6020B
pH		7.72			su	WREP-125,4E-SATPASTE

Summary of Hits

Job Number: DA78742
Account: Civitas
Project: Gordon 13-19
Collected: 01/14/26

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Specific Conductivity		2.2	0.0010		mmhos/cm	SM 2510B-2011 MOD
Chromium, Hexavalent [b]		1.7	0.50		mg/kg	SW846 7199
DA78742-6	**N19@12'**					
No hits reported in this sample.						
DA78742-6A	**N19@12'**					
Calcium		161	6.0		mg/l	SW846 6010C
Magnesium		47.7	3.0		mg/l	SW846 6010C
Sodium		151	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		2.68			ratio	USDA HANDBOOK 60
DA78742-6B	**N19@12'**					
Boron		0.291	0.25		mg/l	SW846 6010C
DA78742-6C	**N19@12'**					
Arsenic		4.2	0.24		mg/kg	SW846 6020B
Barium		38.5	2.4		mg/kg	SW846 6020B
Copper		14.1	2.4		mg/kg	SW846 6020B
Lead		8.0	0.60		mg/kg	SW846 6020B
Nickel		3.2	2.4		mg/kg	SW846 6020B
Selenium		0.37	0.24		mg/kg	SW846 6020B
Zinc		36.6	12		mg/kg	SW846 6020B
pH		7.78			su	WREP-125,4E-SATPASTE
Specific Conductivity		1.6	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-7	**N20@12'**					
No hits reported in this sample.						
DA78742-7A	**N20@12'**					
Calcium		99.3	6.0		mg/l	SW846 6010C
Magnesium		28.7	3.0		mg/l	SW846 6010C
Sodium		101	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		2.30			ratio	USDA HANDBOOK 60
DA78742-7B	**N20@12'**					
Boron		0.308	0.25		mg/l	SW846 6010C

Summary of Hits

Job Number: DA78742
Account: Civitas
Project: Gordon 13-19
Collected: 01/14/26

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA78742-7C	**N20@12'**					
Arsenic		4.1	0.25		mg/kg	SW846 6020B
Barium		39.5	2.5		mg/kg	SW846 6020B
Cadmium		0.27	0.12		mg/kg	SW846 6020B
Copper		10.2	2.5		mg/kg	SW846 6020B
Lead		5.2	0.61		mg/kg	SW846 6020B
Nickel		8.5	2.5		mg/kg	SW846 6020B
Zinc		47.9	12		mg/kg	SW846 6020B
pH		7.87			su	WREP-125,4E-SATPASTE
Specific Conductivity		1.2	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-8	**N21@12'**					
No hits reported in this sample.						
DA78742-8A	**N21@12'**					
Calcium		47.9	6.0		mg/l	SW846 6010C
Magnesium		13.5	3.0		mg/l	SW846 6010C
Sodium		84.8	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		2.79			ratio	USDA HANDBOOK 60
DA78742-8B	**N21@12'**					
Boron		0.370	0.25		mg/l	SW846 6010C
DA78742-8C	**N21@12'**					
Arsenic		3.0	0.23		mg/kg	SW846 6020B
Barium		98.3	2.3		mg/kg	SW846 6020B
Copper		14.2	2.3		mg/kg	SW846 6020B
Lead		10.0	0.57		mg/kg	SW846 6020B
Nickel		7.1	2.3		mg/kg	SW846 6020B
Selenium		0.24	0.23		mg/kg	SW846 6020B
Zinc		37.2	11		mg/kg	SW846 6020B
pH		7.90			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.70	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-9	**N22@12'**					
TPH-ORO (> C28-C36)		8.73	7.2		mg/kg	SW846-8015C

Summary of Hits

Job Number: DA78742
Account: Civitas
Project: Gordon 13-19
Collected: 01/14/26

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA78742-9A	**N22@12'**					
Calcium		192	6.0		mg/l	SW846 6010C
Magnesium		63.8	3.0		mg/l	SW846 6010C
Sodium		216	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		3.45			ratio	USDA HANDBOOK 60
DA78742-9B	**N22@12'**					
Boron		0.361	0.25		mg/l	SW846 6010C
DA78742-9C	**N22@12'**					
Arsenic		6.7	0.22		mg/kg	SW846 6020B
Barium		70.1	2.2		mg/kg	SW846 6020B
Cadmium		0.11	0.11		mg/kg	SW846 6020B
Copper		20.4	2.2		mg/kg	SW846 6020B
Lead		12.6	0.54		mg/kg	SW846 6020B
Nickel		8.2	2.2		mg/kg	SW846 6020B
Selenium		0.43	0.22		mg/kg	SW846 6020B
Zinc		40.1	11		mg/kg	SW846 6020B
pH		7.76			su	WREP-125,4E-SATPASTE
Specific Conductivity		2.2	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-10	**N23@12'**					
TPH-DRO (C10-C28)		19.9	4.4		mg/kg	SW846-8015C
TPH-ORO (> C28-C36)		44.2	6.5		mg/kg	SW846-8015C
DA78742-10A	**N23@12'**					
Calcium		90.2	6.0		mg/l	SW846 6010C
Magnesium		29.8	3.0		mg/l	SW846 6010C
Sodium		647	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		15.1			ratio	USDA HANDBOOK 60
DA78742-10B	**N23@12'**					
Boron		0.650	0.25		mg/l	SW846 6010C
DA78742-10C	**N23@12'**					
Arsenic		2.5	0.19		mg/kg	SW846 6020B
Barium		89.6	1.9		mg/kg	SW846 6020B
Cadmium		0.10	0.093		mg/kg	SW846 6020B

Summary of Hits

Job Number: DA78742
Account: Civitas
Project: Gordon 13-19
Collected: 01/14/26

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Copper		6.6	1.9		mg/kg	SW846 6020B
Lead		6.2	0.46		mg/kg	SW846 6020B
Nickel		6.7	1.9		mg/kg	SW846 6020B
Zinc		19.4	9.3		mg/kg	SW846 6020B
pH		7.88			su	WREP-125,4E-SATPASTE
Specific Conductivity		2.7	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-11	**N24@12'**					
No hits reported in this sample.						
DA78742-11A	**N24@12'**					
Calcium		54.1	6.0		mg/l	SW846 6010C
Magnesium		16.7	3.0		mg/l	SW846 6010C
Sodium		82.5	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		2.51			ratio	USDA HANDBOOK 60
DA78742-11B	**N24@12'**					
No hits reported in this sample.						
DA78742-11C	**N24@12'**					
Arsenic		4.7	0.20		mg/kg	SW846 6020B
Barium		38.2	2.0		mg/kg	SW846 6020B
Cadmium		0.10	0.10		mg/kg	SW846 6020B
Copper		8.2	2.0		mg/kg	SW846 6020B
Lead		7.0	0.51		mg/kg	SW846 6020B
Nickel		7.5	2.0		mg/kg	SW846 6020B
Zinc		18.9	10		mg/kg	SW846 6020B
pH		7.96			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.81	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-12	**N25@12'**					
No hits reported in this sample.						
DA78742-12A	**N25@12'**					
Calcium		86.3	6.0		mg/l	SW846 6010C
Magnesium		30.1	3.0		mg/l	SW846 6010C
Sodium		141	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		3.33			ratio	USDA HANDBOOK 60

Summary of Hits

Job Number: DA78742
Account: Civitas
Project: Gordon 13-19
Collected: 01/14/26

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA78742-12B	**N25@12'**					
No hits reported in this sample.						
DA78742-12C	**N25@12'**					
Arsenic		3.0	0.20		mg/kg	SW846 6020B
Barium		75.0	2.0		mg/kg	SW846 6020B
Copper		6.3	2.0		mg/kg	SW846 6020B
Lead		5.8	0.50		mg/kg	SW846 6020B
Nickel		5.0	2.0		mg/kg	SW846 6020B
Selenium		0.48	0.20		mg/kg	SW846 6020B
Zinc		16.6	10		mg/kg	SW846 6020B
pH		7.90			su	WREP-125,4E-SATPASTE
Specific Conductivity		1.3	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-13	**N26@12'**					
No hits reported in this sample.						
DA78742-13A	**N26@12'**					
Calcium		49.0	6.0		mg/l	SW846 6010C
Magnesium		13.3	3.0		mg/l	SW846 6010C
Sodium		80.4	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		2.63			ratio	USDA HANDBOOK 60
DA78742-13B	**N26@12'**					
No hits reported in this sample.						
DA78742-13C	**N26@12'**					
Arsenic		2.2	0.21		mg/kg	SW846 6020B
Barium		31.2	2.1		mg/kg	SW846 6020B
Copper		5.5	2.1		mg/kg	SW846 6020B
Lead		5.2	0.52		mg/kg	SW846 6020B
Nickel		4.4	2.1		mg/kg	SW846 6020B
Selenium		0.21	0.21		mg/kg	SW846 6020B
Zinc		15.8	10		mg/kg	SW846 6020B
pH		8.01			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.70	0.0010		mmhos/cm	SM 2510B-2011 MOD

Summary of Hits

Job Number: DA78742
Account: Civitas
Project: Gordon 13-19
Collected: 01/14/26

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA78742-14	**N27@12'**					
No hits reported in this sample.						
DA78742-14A	**N27@12'**					
Calcium		61.0	6.0		mg/l	SW846 6010C
Magnesium		18.6	3.0		mg/l	SW846 6010C
Sodium		101	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		2.90			ratio	USDA HANDBOOK 60
DA78742-14B	**N27@12'**					
No hits reported in this sample.						
DA78742-14C	**N27@12'**					
Arsenic		1.1	0.21		mg/kg	SW846 6020B
Barium		31.4	2.1		mg/kg	SW846 6020B
Copper		2.7	2.1		mg/kg	SW846 6020B
Lead		2.3	0.53		mg/kg	SW846 6020B
pH		8.07			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.91	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-15	**N28@12'**					
No hits reported in this sample.						
DA78742-15A	**N28@12'**					
Calcium		47.0	6.0		mg/l	SW846 6010C
Magnesium		14.6	3.0		mg/l	SW846 6010C
Sodium		89.6	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		2.93			ratio	USDA HANDBOOK 60
DA78742-15B	**N28@12'**					
No hits reported in this sample.						
DA78742-15C	**N28@12'**					
Arsenic		3.1	0.22		mg/kg	SW846 6020B
Barium		40.1	2.2		mg/kg	SW846 6020B
Copper		5.3	2.2		mg/kg	SW846 6020B
Lead		5.6	0.54		mg/kg	SW846 6020B

Summary of Hits

Job Number: DA78742
Account: Civitas
Project: Gordon 13-19
Collected: 01/14/26

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Nickel		3.1	2.2		mg/kg	SW846 6020B
Zinc		15.0	11		mg/kg	SW846 6020B
pH		8.04			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.77	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-16	**N29@12'**					
No hits reported in this sample.						
DA78742-16A	**N29@12'**					
Calcium		47.9	6.0		mg/l	SW846 6010C
Magnesium		15.2	3.0		mg/l	SW846 6010C
Sodium		108	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		3.48			ratio	USDA HANDBOOK 60
DA78742-16B	**N29@12'**					
No hits reported in this sample.						
DA78742-16C	**N29@12'**					
Arsenic		2.1	0.20		mg/kg	SW846 6020B
Barium		31.3	2.0		mg/kg	SW846 6020B
Copper		4.9	2.0		mg/kg	SW846 6020B
Lead		5.6	0.50		mg/kg	SW846 6020B
Nickel		3.9	2.0		mg/kg	SW846 6020B
Zinc		10.9	9.9		mg/kg	SW846 6020B
pH		8.08			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.90	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-17	**N30@12'**					
No hits reported in this sample.						
DA78742-17A	**N30@12'**					
Calcium		20.3	6.0		mg/l	SW846 6010C
Magnesium		6.09	3.0		mg/l	SW846 6010C
Sodium		127	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		6.35			ratio	USDA HANDBOOK 60
DA78742-17B	**N30@12'**					
Boron		0.264	0.25		mg/l	SW846 6010C

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DA78742-17C	**N30@12'**					
Arsenic		4.0	0.21		mg/kg	SW846 6020B
Barium		50.4	2.1		mg/kg	SW846 6020B
Cadmium		0.12	0.11		mg/kg	SW846 6020B
Copper		9.7	2.1		mg/kg	SW846 6020B
Lead		8.0	0.54		mg/kg	SW846 6020B
Nickel		7.3	2.1		mg/kg	SW846 6020B
Zinc		26.0	11		mg/kg	SW846 6020B
pH		8.34			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.66	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-18	**W16@12'**					
No hits reported in this sample.						
DA78742-18A	**W16@12'**					
Calcium		170	6.0		mg/l	SW846 6010C
Magnesium		48.5	3.0		mg/l	SW846 6010C
Sodium		400	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		6.96			ratio	USDA HANDBOOK 60
DA78742-18B	**W16@12'**					
Boron		0.292	0.25		mg/l	SW846 6010C
DA78742-18C	**W16@12'**					
Arsenic		3.9	0.21		mg/kg	SW846 6020B
Barium		68.7	2.1		mg/kg	SW846 6020B
Copper		9.7	2.1		mg/kg	SW846 6020B
Lead		8.3	0.52		mg/kg	SW846 6020B
Nickel		7.4	2.1		mg/kg	SW846 6020B
Zinc		26.6	10		mg/kg	SW846 6020B
pH		7.84			su	WREP-125,4E-SATPASTE
Specific Conductivity		2.4	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-19	**W17@12'**					
No hits reported in this sample.						

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Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA78742-19A	**W17@12'**					
Calcium		49.1	6.0		mg/l	SW846 6010C
Magnesium		12.4	3.0		mg/l	SW846 6010C
Sodium		188	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		6.20			ratio	USDA HANDBOOK 60
DA78742-19B	**W17@12'**					
No hits reported in this sample.						
DA78742-19C	**W17@12'**					
Arsenic		2.9	0.21		mg/kg	SW846 6020B
Barium		362	2.1		mg/kg	SW846 6020B
Copper		6.8	2.1		mg/kg	SW846 6020B
Lead		5.7	0.53		mg/kg	SW846 6020B
Nickel		4.6	2.1		mg/kg	SW846 6020B
Zinc		17.8	11		mg/kg	SW846 6020B
pH		8.06			su	WREP-125,4E-SATPASTE
Specific Conductivity		1.2	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-20	**W18@12'**					
No hits reported in this sample.						
DA78742-20A	**W18@12'**					
Calcium		59.4	6.0		mg/l	SW846 6010C
Magnesium		15.0	3.0		mg/l	SW846 6010C
Sodium		185	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		5.55			ratio	USDA HANDBOOK 60
DA78742-20B	**W18@12'**					
Boron		0.277	0.25		mg/l	SW846 6010C
DA78742-20C	**W18@12'**					
Arsenic		4.8	0.21		mg/kg	SW846 6020B
Barium		168	2.1		mg/kg	SW846 6020B
Cadmium		0.11	0.11		mg/kg	SW846 6020B
Copper		10.8	2.1		mg/kg	SW846 6020B
Lead		9.6	0.53		mg/kg	SW846 6020B
Nickel		9.2	2.1		mg/kg	SW846 6020B

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Zinc		30.7	11		mg/kg	SW846 6020B
pH		8.02			su	WREP-125,4E-SATPASTE
Specific Conductivity		1.1	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-21	**W19@12'**					
No hits reported in this sample.						
DA78742-21A	**W19@12'**					
Calcium		80.8	6.0		mg/l	SW846 6010C
Magnesium		20.6	3.0		mg/l	SW846 6010C
Sodium		172	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		4.42			ratio	USDA HANDBOOK 60
DA78742-21B	**W19@12'**					
No hits reported in this sample.						
DA78742-21C	**W19@12'**					
Arsenic		3.1	0.21		mg/kg	SW846 6020B
Barium		73.8	2.1		mg/kg	SW846 6020B
Copper		8.2	2.1		mg/kg	SW846 6020B
Lead		6.6	0.51		mg/kg	SW846 6020B
Nickel		5.6	2.1		mg/kg	SW846 6020B
Zinc		20.1	10		mg/kg	SW846 6020B
pH		8.02			su	WREP-125,4E-SATPASTE
Specific Conductivity		1.3	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-22	**W20@12'**					
No hits reported in this sample.						
DA78742-22A	**W20@12'**					
Calcium		102	6.0		mg/l	SW846 6010C
Magnesium		26.6	3.0		mg/l	SW846 6010C
Sodium		217	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		4.95			ratio	USDA HANDBOOK 60
DA78742-22B	**W20@12'**					
No hits reported in this sample.						

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DA78742-22C	**W20@12'**				
Arsenic	3.2	0.20		mg/kg	SW846 6020B
Barium	66.6	2.0		mg/kg	SW846 6020B
Copper	6.0	2.0		mg/kg	SW846 6020B
Lead	4.9	0.49		mg/kg	SW846 6020B
Nickel	4.4	2.0		mg/kg	SW846 6020B
Zinc	14.1	9.9		mg/kg	SW846 6020B
pH	7.96			su	WREP-125,4E-SATPASTE
Specific Conductivity	1.6	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-23	**S13@12'**				
No hits reported in this sample.					
DA78742-23A	**S13@12'**				
Calcium	272	6.0		mg/l	SW846 6010C
Magnesium	73.7	3.0		mg/l	SW846 6010C
Sodium	348	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]	4.83			ratio	USDA HANDBOOK 60
DA78742-23B	**S13@12'**				
No hits reported in this sample.					
DA78742-23C	**S13@12'**				
Arsenic	4.1	0.22		mg/kg	SW846 6020B
Barium	97.3	2.2		mg/kg	SW846 6020B
Copper	7.7	2.2		mg/kg	SW846 6020B
Lead	6.9	0.56		mg/kg	SW846 6020B
Nickel	6.1	2.2		mg/kg	SW846 6020B
Zinc	20.5	11		mg/kg	SW846 6020B
pH	7.67			su	WREP-125,4E-SATPASTE
Specific Conductivity	3.3	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-24	**S14@12'**				
No hits reported in this sample.					
DA78742-24A	**S14@12'**				
Calcium	54.3	6.0		mg/l	SW846 6010C
Magnesium	15.2	3.0		mg/l	SW846 6010C

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Sodium		719	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		22.2			ratio	USDA HANDBOOK 60
DA78742-24B	**S14@12'**					
Boron		0.399	0.25		mg/l	SW846 6010C
DA78742-24C	**S14@12'**					
Arsenic		1.6	0.21		mg/kg	SW846 6020B
Barium		16.6	2.1		mg/kg	SW846 6020B
Copper		3.5	2.1		mg/kg	SW846 6020B
Lead		3.8	0.52		mg/kg	SW846 6020B
Nickel		2.7	2.1		mg/kg	SW846 6020B
pH		7.89			su	WREP-125,4E-SATPASTE
Specific Conductivity		3.3	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-25	**S15@12'**					
No hits reported in this sample.						
DA78742-25A	**S15@12'**					
Calcium		220	6.0		mg/l	SW846 6010C
Magnesium		193	3.0		mg/l	SW846 6010C
Sodium		805	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		9.56			ratio	USDA HANDBOOK 60
DA78742-25B	**S15@12'**					
Boron		1.09	0.25		mg/l	SW846 6010C
DA78742-25C	**S15@12'**					
Arsenic		1.3	0.20		mg/kg	SW846 6020B
Barium		77.6	2.0		mg/kg	SW846 6020B
Copper		2.2	2.0		mg/kg	SW846 6020B
Lead		2.9	0.50		mg/kg	SW846 6020B
pH		8.53			su	WREP-125,4E-SATPASTE
Specific Conductivity		2.0	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-26	**S16@12'**					
No hits reported in this sample.						

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Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA78742-26A	**S16@12'**					
Calcium		151	6.0		mg/l	SW846 6010C
Magnesium		41.6	3.0		mg/l	SW846 6010C
Sodium		440	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		8.17			ratio	USDA HANDBOOK 60
DA78742-26B	**S16@12'**					
No hits reported in this sample.						
DA78742-26C	**S16@12'**					
Arsenic		1.8	0.21		mg/kg	SW846 6020B
Barium		23.7	2.1		mg/kg	SW846 6020B
Copper		3.6	2.1		mg/kg	SW846 6020B
Lead		4.7	0.51		mg/kg	SW846 6020B
Nickel		2.5	2.1		mg/kg	SW846 6020B
pH		7.74			su	WREP-125,4E-SATPASTE
Specific Conductivity		3.3	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-27	**S17@12'**					
No hits reported in this sample.						
DA78742-27A	**S17@12'**					
Calcium		118	6.0		mg/l	SW846 6010C
Magnesium		32.0	3.0		mg/l	SW846 6010C
Sodium		87.0	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		1.83			ratio	USDA HANDBOOK 60
DA78742-27B	**S17@12'**					
No hits reported in this sample.						
DA78742-27C	**S17@12'**					
Arsenic		2.7	0.21		mg/kg	SW846 6020B
Barium		25.3	2.1		mg/kg	SW846 6020B
Copper		7.7	2.1		mg/kg	SW846 6020B
Lead		8.8	0.52		mg/kg	SW846 6020B
Nickel		5.1	2.1		mg/kg	SW846 6020B
Zinc		18.5	10		mg/kg	SW846 6020B
pH		7.72			su	WREP-125,4E-SATPASTE

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Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Specific Conductivity		1.4	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-28	**S18@12'**					
No hits reported in this sample.						
DA78742-28A	**S18@12'**					
Calcium		76.0	6.0		mg/l	SW846 6010C
Magnesium		22.6	3.0		mg/l	SW846 6010C
Sodium		46.4	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		1.20			ratio	USDA HANDBOOK 60
DA78742-28B	**S18@12'**					
No hits reported in this sample.						
DA78742-28C	**S18@12'**					
Arsenic		2.7	0.22		mg/kg	SW846 6020B
Barium		30.5	2.2		mg/kg	SW846 6020B
Copper		8.2	2.2		mg/kg	SW846 6020B
Lead		8.1	0.56		mg/kg	SW846 6020B
Nickel		6.2	2.2		mg/kg	SW846 6020B
Zinc		20.4	11		mg/kg	SW846 6020B
pH		7.93			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.90	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-29	**S19@12'**					
No hits reported in this sample.						
DA78742-29A	**S19@12'**					
Calcium		30.4	6.0		mg/l	SW846 6010C
Magnesium		8.71	3.0		mg/l	SW846 6010C
Sodium		64.8	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		2.67			ratio	USDA HANDBOOK 60
DA78742-29B	**S19@12'**					
No hits reported in this sample.						

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Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA78742-29C	**S19@12'**					
Arsenic		3.2	0.20		mg/kg	SW846 6020B
Barium		12.6	2.0		mg/kg	SW846 6020B
Copper		4.5	2.0		mg/kg	SW846 6020B
Lead		1.9	0.50		mg/kg	SW846 6020B
Nickel		3.5	2.0		mg/kg	SW846 6020B
Zinc		12.6	10		mg/kg	SW846 6020B
pH		8.03			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.60	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-30	**S20@12'**					
No hits reported in this sample.						
DA78742-30A	**S20@12'**					
Calcium		107	6.0		mg/l	SW846 6010C
Magnesium		33.6	3.0		mg/l	SW846 6010C
Sodium		136	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		2.94			ratio	USDA HANDBOOK 60
DA78742-30B	**S20@12'**					
Boron		0.250	0.25		mg/l	SW846 6010C
DA78742-30C	**S20@12'**					
Arsenic		2.6	0.21		mg/kg	SW846 6020B
Barium		75.8	2.1		mg/kg	SW846 6020B
Copper		7.8	2.1		mg/kg	SW846 6020B
Lead		6.9	0.52		mg/kg	SW846 6020B
Nickel		6.7	2.1		mg/kg	SW846 6020B
Zinc		22.4	10		mg/kg	SW846 6020B
pH		7.76			su	WREP-125,4E-SATPASTE
Specific Conductivity		1.5	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-31	**S21@25'**					
No hits reported in this sample.						
DA78742-31A	**S21@25'**					
Calcium		36.6	6.0		mg/l	SW846 6010C
Magnesium		10.0	3.0		mg/l	SW846 6010C

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Sodium		51.3	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		1.94			ratio	USDA HANDBOOK 60
DA78742-31B	**S21@25'**					
Boron		0.260	0.25		mg/l	SW846 6010C
DA78742-31C	**S21@25'**					
Arsenic		1.3	0.24		mg/kg	SW846 6020B
Barium		31.2	2.4		mg/kg	SW846 6020B
Cadmium		0.18	0.12		mg/kg	SW846 6020B
Copper		7.6	2.4		mg/kg	SW846 6020B
Lead		16.0	0.61		mg/kg	SW846 6020B
Nickel		9.8	2.4		mg/kg	SW846 6020B
Zinc		24.2	12		mg/kg	SW846 6020B
pH		7.92			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.52	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-32	**S22@12'**					
No hits reported in this sample.						
DA78742-32A	**S22@12'**					
Calcium		44.4	6.0		mg/l	SW846 6010C
Magnesium		11.8	3.0		mg/l	SW846 6010C
Sodium		61.8	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		2.13			ratio	USDA HANDBOOK 60
DA78742-32B	**S22@12'**					
No hits reported in this sample.						
DA78742-32C	**S22@12'**					
Arsenic		2.6	0.22		mg/kg	SW846 6020B
Barium		97.7	2.2		mg/kg	SW846 6020B
Cadmium		0.17	0.11		mg/kg	SW846 6020B
Copper		19.3	2.2		mg/kg	SW846 6020B
Lead		10.7	0.55		mg/kg	SW846 6020B
Nickel		13.2	2.2		mg/kg	SW846 6020B
Selenium		0.24	0.22		mg/kg	SW846 6020B
Zinc		38.7	11		mg/kg	SW846 6020B
pH		8.04			su	WREP-125,4E-SATPASTE

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Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Specific Conductivity		0.65	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-33	**S23@12'**					
No hits reported in this sample.						
DA78742-33A	**S23@12'**					
Calcium		148	6.0		mg/l	SW846 6010C
Magnesium		46.2	3.0		mg/l	SW846 6010C
Sodium		131	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		2.41			ratio	USDA HANDBOOK 60
DA78742-33B	**S23@12'**					
Boron		0.387	0.25		mg/l	SW846 6010C
DA78742-33C	**S23@12'**					
Arsenic		5.6	0.27		mg/kg	SW846 6020B
Barium		70.7	2.7		mg/kg	SW846 6020B
Cadmium		0.24	0.13		mg/kg	SW846 6020B
Copper		43.4	2.7		mg/kg	SW846 6020B
Lead		16.5	0.66		mg/kg	SW846 6020B
Nickel		11.9	2.7		mg/kg	SW846 6020B
Selenium		0.54	0.27		mg/kg	SW846 6020B
Zinc		88.8	13		mg/kg	SW846 6020B
pH		7.70			su	WREP-125,4E-SATPASTE
Specific Conductivity		1.8	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-34	**S24@12'**					
No hits reported in this sample.						
DA78742-34A	**S24@12'**					
Calcium		96.1	6.0		mg/l	SW846 6010C
Magnesium		31.0	3.0		mg/l	SW846 6010C
Sodium		97.6	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		2.21			ratio	USDA HANDBOOK 60
DA78742-34B	**S24@12'**					
Boron		0.370	0.25		mg/l	SW846 6010C

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DA78742-34C	**S24@12'**					
Arsenic		2.1	0.21		mg/kg	SW846 6020B
Barium		40.9	2.1		mg/kg	SW846 6020B
Cadmium		0.24	0.11		mg/kg	SW846 6020B
Copper		12.8	2.1		mg/kg	SW846 6020B
Lead		11.9	0.54		mg/kg	SW846 6020B
Nickel		10.1	2.1		mg/kg	SW846 6020B
Selenium		0.31	0.21		mg/kg	SW846 6020B
Zinc		54.3	11		mg/kg	SW846 6020B
pH		7.88			su	WREP-125,4E-SATPASTE
Specific Conductivity		1.3	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-35	**S25@12'**					
No hits reported in this sample.						
DA78742-35A	**S25@12'**					
Calcium		40.4	6.0		mg/l	SW846 6010C
Magnesium		11.6	3.0		mg/l	SW846 6010C
Sodium		57.7	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		2.06			ratio	USDA HANDBOOK 60
DA78742-35B	**S25@12'**					
No hits reported in this sample.						
DA78742-35C	**S25@12'**					
Arsenic		8.5	0.20		mg/kg	SW846 6020B
Barium		49.9	2.0		mg/kg	SW846 6020B
Cadmium		0.57	0.10		mg/kg	SW846 6020B
Copper		21.4	2.0		mg/kg	SW846 6020B
Lead		9.6	0.51		mg/kg	SW846 6020B
Nickel		29.7	2.0		mg/kg	SW846 6020B
Selenium		0.45	0.20		mg/kg	SW846 6020B
Zinc		108	10		mg/kg	SW846 6020B
pH		7.94			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.66	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-36	**B23@25'**					
No hits reported in this sample.						

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Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA78742-36A	**B23@25'**					
Calcium		74.0	6.0		mg/l	SW846 6010C
Magnesium		19.5	3.0		mg/l	SW846 6010C
Sodium		94.0	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		2.51			ratio	USDA HANDBOOK 60
DA78742-36B	**B23@25'**					
Boron		0.264	0.25		mg/l	SW846 6010C
DA78742-36C	**B23@25'**					
Arsenic		3.3	0.21		mg/kg	SW846 6020B
Barium		74.3	2.1		mg/kg	SW846 6020B
Cadmium		0.24	0.11		mg/kg	SW846 6020B
Copper		16.6	2.1		mg/kg	SW846 6020B
Lead		11.3	0.53		mg/kg	SW846 6020B
Nickel		10.4	2.1		mg/kg	SW846 6020B
Selenium		0.40	0.21		mg/kg	SW846 6020B
Zinc		60.8	11		mg/kg	SW846 6020B
pH		7.87			su	WREP-125,4E-SATPASTE
Specific Conductivity		1.1	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-37	**B24@25'**					
No hits reported in this sample.						
DA78742-37A	**B24@25'**					
Calcium		75.3	6.0		mg/l	SW846 6010C
Magnesium		22.7	3.0		mg/l	SW846 6010C
Sodium		78.5	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		2.04			ratio	USDA HANDBOOK 60
DA78742-37B	**B24@25'**					
Boron		0.284	0.25		mg/l	SW846 6010C
DA78742-37C	**B24@25'**					
Arsenic		2.7	0.20		mg/kg	SW846 6020B
Barium		67.8	2.0		mg/kg	SW846 6020B
Cadmium		0.51	0.10		mg/kg	SW846 6020B
Copper		15.8	2.0		mg/kg	SW846 6020B

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Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Lead		12.4	0.51		mg/kg	SW846 6020B
Nickel		18.4	2.0		mg/kg	SW846 6020B
Selenium		0.57	0.20		mg/kg	SW846 6020B
Zinc		61.7	10		mg/kg	SW846 6020B
pH		7.83			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.99	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-38	**B25@25'**					
No hits reported in this sample.						
DA78742-38A	**B25@25'**					
Calcium		82.1	6.0		mg/l	SW846 6010C
Magnesium		23.4	3.0		mg/l	SW846 6010C
Sodium		80.4	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		2.01			ratio	USDA HANDBOOK 60
DA78742-38B	**B25@25'**					
No hits reported in this sample.						
DA78742-38C	**B25@25'**					
Arsenic		2.5	0.21		mg/kg	SW846 6020B
Barium		45.3	2.1		mg/kg	SW846 6020B
Cadmium		0.61	0.10		mg/kg	SW846 6020B
Copper		27.9	2.1		mg/kg	SW846 6020B
Lead		12.6	0.52		mg/kg	SW846 6020B
Nickel		11.6	2.1		mg/kg	SW846 6020B
Selenium		0.37	0.21		mg/kg	SW846 6020B
Zinc		80.9	10		mg/kg	SW846 6020B
pH		7.90			su	WREP-125,4E-SATPASTE
Specific Conductivity		1.0	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-39	**B26@25'**					
No hits reported in this sample.						
DA78742-39A	**B26@25'**					
Calcium		45.6	6.0		mg/l	SW846 6010C
Magnesium		13.1	3.0		mg/l	SW846 6010C
Sodium		53.0	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		1.78			ratio	USDA HANDBOOK 60

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Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA78742-39B	**B26@25'**					
No hits reported in this sample.						
DA78742-39C	**B26@25'**					
Arsenic		1.9	0.23		mg/kg	SW846 6020B
Barium		48.6	2.3		mg/kg	SW846 6020B
Cadmium		0.13	0.11		mg/kg	SW846 6020B
Copper		16.5	2.3		mg/kg	SW846 6020B
Lead		14.6	0.57		mg/kg	SW846 6020B
Nickel		9.5	2.3		mg/kg	SW846 6020B
Selenium		0.24	0.23		mg/kg	SW846 6020B
Zinc		65.6	11		mg/kg	SW846 6020B
pH		8.01			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.57	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-40	**B27@25'**					
TPH-DRO (C10-C28)		8.35	4.7		mg/kg	SW846-8015C
DA78742-40A	**B27@25'**					
Calcium		69.4	6.0		mg/l	SW846 6010C
Magnesium		22.8	3.0		mg/l	SW846 6010C
Sodium		85.8	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		2.28			ratio	USDA HANDBOOK 60
DA78742-40B	**B27@25'**					
Boron		0.364	0.25		mg/l	SW846 6010C
DA78742-40C	**B27@25'**					
Arsenic		3.1	0.23		mg/kg	SW846 6020B
Barium		123	2.3		mg/kg	SW846 6020B
Cadmium		0.29	0.11		mg/kg	SW846 6020B
Copper		14.1	2.3		mg/kg	SW846 6020B
Lead		9.8	0.56		mg/kg	SW846 6020B
Nickel		13.1	2.3		mg/kg	SW846 6020B
Selenium		0.26	0.23		mg/kg	SW846 6020B
Zinc		53.7	11		mg/kg	SW846 6020B
pH		7.90			su	WREP-125,4E-SATPASTE
Specific Conductivity		1.1	0.0010		mmhos/cm	SM 2510B-2011 MOD

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Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA78742-41	**B28@25'**					
No hits reported in this sample.						
DA78742-41A	**B28@25'**					
Calcium		50.3	6.0		mg/l	SW846 6010C
Magnesium		13.6	3.0		mg/l	SW846 6010C
Sodium		60.5	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		1.95			ratio	USDA HANDBOOK 60
DA78742-41B	**B28@25'**					
No hits reported in this sample.						
DA78742-41C	**B28@25'**					
Arsenic		2.1	0.23		mg/kg	SW846 6020B
Barium		58.0	2.3		mg/kg	SW846 6020B
Cadmium		0.43	0.12		mg/kg	SW846 6020B
Copper		19.1	2.3		mg/kg	SW846 6020B
Lead		16.7	0.59		mg/kg	SW846 6020B
Nickel		16.2	2.3		mg/kg	SW846 6020B
Selenium		0.29	0.23		mg/kg	SW846 6020B
Zinc		56.9	12		mg/kg	SW846 6020B
pH		7.98			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.75	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-42	**B29@25'**					
No hits reported in this sample.						
DA78742-42A	**B29@25'**					
Calcium		70.9	6.0		mg/l	SW846 6010C
Magnesium		18.2	3.0		mg/l	SW846 6010C
Sodium		62.8	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		1.72			ratio	USDA HANDBOOK 60
DA78742-42B	**B29@25'**					
Boron		0.318	0.25		mg/l	SW846 6010C

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Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA78742-42C	**B29@25'**					
Arsenic		2.8	0.24		mg/kg	SW846 6020B
Barium		37.0	2.4		mg/kg	SW846 6020B
Cadmium		0.40	0.12		mg/kg	SW846 6020B
Copper		33.8	2.4		mg/kg	SW846 6020B
Lead		15.4	0.59		mg/kg	SW846 6020B
Nickel		26.6	2.4		mg/kg	SW846 6020B
Selenium		0.31	0.24		mg/kg	SW846 6020B
Zinc		180	12		mg/kg	SW846 6020B
pH		7.87			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.89	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-43	**B30@25'**					
No hits reported in this sample.						
DA78742-43A	**B30@25'**					
Calcium		39.8	6.0		mg/l	SW846 6010C
Magnesium		10.2	3.0		mg/l	SW846 6010C
Sodium		42.1	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		1.54			ratio	USDA HANDBOOK 60
DA78742-43B	**B30@25'**					
No hits reported in this sample.						
DA78742-43C	**B30@25'**					
Arsenic		1.6	0.25		mg/kg	SW846 6020B
Barium		85.6	2.5		mg/kg	SW846 6020B
Cadmium		0.17	0.12		mg/kg	SW846 6020B
Copper		15.4	2.5		mg/kg	SW846 6020B
Lead		10.9	0.62		mg/kg	SW846 6020B
Nickel		9.6	2.5		mg/kg	SW846 6020B
Zinc		49.4	12		mg/kg	SW846 6020B
pH		8.03			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.52	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-44	**B31@35'**					
No hits reported in this sample.						

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Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA78742-44A	**B31@35'**					
Calcium		66.7	6.0		mg/l	SW846 6010C
Magnesium		14.5	3.0		mg/l	SW846 6010C
Sodium		57.5	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		1.66			ratio	USDA HANDBOOK 60
DA78742-44B	**B31@35'**					
Boron		0.355	0.25		mg/l	SW846 6010C
DA78742-44C	**B31@35'**					
Arsenic		3.5	0.60		mg/kg	SW846 6020B
Barium		290	3.0		mg/kg	SW846 6020B
Cadmium		2.1	0.15		mg/kg	SW846 6020B
Copper		108	6.0		mg/kg	SW846 6020B
Lead		54.2	0.75		mg/kg	SW846 6020B
Nickel		39.1	6.0		mg/kg	SW846 6020B
Selenium [c]		0.74	0.30		mg/kg	SW846 6020B
Silver		0.37	0.15		mg/kg	SW846 6020B
Zinc		91.2	30		mg/kg	SW846 6020B
pH		7.68			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.78	0.0010		mmhos/cm	SM 2510B-2011 MOD
Chromium, Hexavalent [b]		0.86	0.66		mg/kg	SW846 7199
DA78742-45	**B32@25'**					
No hits reported in this sample.						
DA78742-45A	**B32@25'**					
Calcium		111	6.0		mg/l	SW846 6010C
Magnesium		33.9	3.0		mg/l	SW846 6010C
Sodium		142	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		3.03			ratio	USDA HANDBOOK 60
DA78742-45B	**B32@25'**					
Boron		0.482	0.25		mg/l	SW846 6010C
DA78742-45C	**B32@25'**					
Arsenic		2.9	0.20		mg/kg	SW846 6020B
Barium		142	2.0		mg/kg	SW846 6020B

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Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Cadmium		0.21	0.099		mg/kg	SW846 6020B
Copper		11.2	2.0		mg/kg	SW846 6020B
Lead		9.2	0.50		mg/kg	SW846 6020B
Nickel		10.5	2.0		mg/kg	SW846 6020B
Selenium		0.38	0.20		mg/kg	SW846 6020B
Zinc		41.2	9.9		mg/kg	SW846 6020B
pH		7.90			su	WREP-125,4E-SATPASTE
Specific Conductivity		1.3	0.0010		mmhos/cm	SM 2510B-2011 MOD
Chromium, Hexavalent [d]		1.6	0.47		mg/kg	SW846 7199
DA78742-46	**B33@25'**					
No hits reported in this sample.						
DA78742-46A	**B33@25'**					
Calcium		98.2	6.0		mg/l	SW846 6010C
Magnesium		29.6	3.0		mg/l	SW846 6010C
Sodium		135	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		3.06			ratio	USDA HANDBOOK 60
DA78742-46B	**B33@25'**					
Boron		0.333	0.25		mg/l	SW846 6010C
DA78742-46C	**B33@25'**					
Arsenic		3.7	0.23		mg/kg	SW846 6020B
Barium		93.7	2.3		mg/kg	SW846 6020B
Cadmium		0.19	0.11		mg/kg	SW846 6020B
Copper		13.7	2.3		mg/kg	SW846 6020B
Lead		9.9	0.57		mg/kg	SW846 6020B
Nickel		9.6	2.3		mg/kg	SW846 6020B
Selenium		0.31	0.23		mg/kg	SW846 6020B
Zinc		50.8	11		mg/kg	SW846 6020B
pH		7.81			su	WREP-125,4E-SATPASTE
Specific Conductivity		1.3	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-47	**B34@25'**					
No hits reported in this sample.						
DA78742-47A	**B34@25'**					
Calcium		89.0	6.0		mg/l	SW846 6010C

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Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Magnesium		21.3	3.0		mg/l	SW846 6010C
Sodium		158	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		3.90			ratio	USDA HANDBOOK 60
DA78742-47B	**B34@25'**					
Boron		0.253	0.25		mg/l	SW846 6010C
DA78742-47C	**B34@25'**					
Arsenic		2.0	0.23		mg/kg	SW846 6020B
Barium		63.3	2.3		mg/kg	SW846 6020B
Cadmium		1.3	0.11		mg/kg	SW846 6020B
Copper		14.6	2.3		mg/kg	SW846 6020B
Lead		7.3	0.57		mg/kg	SW846 6020B
Nickel		30.0	2.3		mg/kg	SW846 6020B
Selenium		0.25	0.23		mg/kg	SW846 6020B
Zinc		91.1	11		mg/kg	SW846 6020B
pH		7.32			su	WREP-125,4E-SATPASTE
Specific Conductivity		1.2	0.0010		mmhos/cm	SM 2510B-2011 MOD
Chromium, Hexavalent [d]		0.63	0.45		mg/kg	SW846 7199
DA78742-48	**B35@25'**					
TPH-DRO (C10-C28)		5.12	4.4		mg/kg	SW846-8015C
TPH-ORO (> C28-C36)		15.7	6.5		mg/kg	SW846-8015C
DA78742-48A	**B35@25'**					
Calcium		66.6	6.0		mg/l	SW846 6010C
Magnesium		17.1	3.0		mg/l	SW846 6010C
Sodium		79.7	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		2.25			ratio	USDA HANDBOOK 60
DA78742-48B	**B35@25'**					
Boron		0.260	0.25		mg/l	SW846 6010C
DA78742-48C	**B35@25'**					
Arsenic		3.3	0.21		mg/kg	SW846 6020B
Barium		91.3	2.1		mg/kg	SW846 6020B
Cadmium		0.39	0.11		mg/kg	SW846 6020B
Copper		13.5	2.1		mg/kg	SW846 6020B
Lead		9.5	0.53		mg/kg	SW846 6020B

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Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Nickel		11.8	2.1		mg/kg	SW846 6020B
Selenium		0.40	0.21		mg/kg	SW846 6020B
Zinc		55.6	11		mg/kg	SW846 6020B
pH		7.86			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.81	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-49	**B36@25'**					
No hits reported in this sample.						
DA78742-49A	**B36@25'**					
Calcium		132	6.0		mg/l	SW846 6010C
Magnesium		34.1	3.0		mg/l	SW846 6010C
Sodium		51.7	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		1.04			ratio	USDA HANDBOOK 60
DA78742-49B	**B36@25'**					
No hits reported in this sample.						
DA78742-49C	**B36@25'**					
Arsenic		1.7	0.24		mg/kg	SW846 6020B
Barium		43.9	2.4		mg/kg	SW846 6020B
Copper		20.6	2.4		mg/kg	SW846 6020B
Lead		12.1	0.60		mg/kg	SW846 6020B
Nickel		4.9	2.4		mg/kg	SW846 6020B
Zinc		37.3	12		mg/kg	SW846 6020B
pH		7.69			su	WREP-125,4E-SATPASTE
Specific Conductivity		1.2	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-50	**B37@25'**					
No hits reported in this sample.						
DA78742-50A	**B37@25'**					
Calcium		90.8	6.0		mg/l	SW846 6010C
Magnesium		24.6	3.0		mg/l	SW846 6010C
Sodium		40.4	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		0.970			ratio	USDA HANDBOOK 60

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Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA78742-50B	**B37@25'**					
No hits reported in this sample.						
DA78742-50C	**B37@25'**					
Arsenic		2.6	0.24		mg/kg	SW846 6020B
Barium		369	2.4		mg/kg	SW846 6020B
Cadmium		0.14	0.12		mg/kg	SW846 6020B
Copper		24.4	2.4		mg/kg	SW846 6020B
Lead		20.3	0.61		mg/kg	SW846 6020B
Nickel		9.3	2.4		mg/kg	SW846 6020B
Selenium		0.31	0.24		mg/kg	SW846 6020B
Zinc		75.6	12		mg/kg	SW846 6020B
pH		7.81			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.84	0.0010		mmhos/cm	SM 2510B-2011 MOD
Chromium, Hexavalent [d]		0.59	0.49		mg/kg	SW846 7199
DA78742-51	**B38@25'**					
No hits reported in this sample.						
DA78742-51A	**B38@25'**					
Calcium		113	6.0		mg/l	SW846 6010C
Magnesium		35.6	3.0		mg/l	SW846 6010C
Sodium		153	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		3.21			ratio	USDA HANDBOOK 60
DA78742-51B	**B38@25'**					
Boron		0.378	0.25		mg/l	SW846 6010C
DA78742-51C	**B38@25'**					
Arsenic		3.2	0.22		mg/kg	SW846 6020B
Barium		92.3	2.2		mg/kg	SW846 6020B
Cadmium		0.17	0.11		mg/kg	SW846 6020B
Copper		10.2	2.2		mg/kg	SW846 6020B
Lead		7.9	0.54		mg/kg	SW846 6020B
Nickel		9.1	2.2		mg/kg	SW846 6020B
Zinc		32.8	11		mg/kg	SW846 6020B
pH		7.77			su	WREP-125,4E-SATPASTE
Specific Conductivity		1.4	0.0010		mmhos/cm	SM 2510B-2011 MOD

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Account: Civitas
Project: Gordon 13-19
Collected: 01/14/26

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA78742-52	**B39@25'**					
No hits reported in this sample.						
DA78742-52A	**B39@25'**					
Calcium		102	6.0		mg/l	SW846 6010C
Magnesium		30.1	3.0		mg/l	SW846 6010C
Sodium		157	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		3.51			ratio	USDA HANDBOOK 60
DA78742-52B	**B39@25'**					
Boron		0.289	0.25		mg/l	SW846 6010C
DA78742-52C	**B39@25'**					
Arsenic		3.0	0.24		mg/kg	SW846 6020B
Barium		85.8	2.4		mg/kg	SW846 6020B
Cadmium		0.14	0.12		mg/kg	SW846 6020B
Copper		8.8	2.4		mg/kg	SW846 6020B
Lead		7.5	0.59		mg/kg	SW846 6020B
Nickel		6.9	2.4		mg/kg	SW846 6020B
Selenium		0.28	0.24		mg/kg	SW846 6020B
Zinc		30.0	12		mg/kg	SW846 6020B
pH		7.79			su	WREP-125,4E-SATPASTE
Specific Conductivity		1.5	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-53	**B40@25'**					
No hits reported in this sample.						
DA78742-53A	**B40@25'**					
Calcium		37.3	6.0		mg/l	SW846 6010C
Magnesium		9.99	3.0		mg/l	SW846 6010C
Sodium		30.8	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		1.16			ratio	USDA HANDBOOK 60
DA78742-53B	**B40@25'**					
Boron		0.256	0.25		mg/l	SW846 6010C

Summary of Hits

Job Number: DA78742
Account: Civitas
Project: Gordon 13-19
Collected: 01/14/26

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA78742-53C	**B40@25'**					
Arsenic		4.1	0.21		mg/kg	SW846 6020B
Barium		101	2.1		mg/kg	SW846 6020B
Cadmium		0.46	0.10		mg/kg	SW846 6020B
Copper		18.3	2.1		mg/kg	SW846 6020B
Lead		13.4	0.52		mg/kg	SW846 6020B
Nickel		13.2	2.1		mg/kg	SW846 6020B
Selenium		0.41	0.21		mg/kg	SW846 6020B
Zinc		90.3	10		mg/kg	SW846 6020B
pH		8.04			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.44	0.0010		mmhos/cm	SM 2510B-2011 MOD
Chromium, Hexavalent [d]		0.82	0.48		mg/kg	SW846 7199
DA78742-54	**B41@25'**					
No hits reported in this sample.						
DA78742-54A	**B41@25'**					
Calcium		63.8	6.0		mg/l	SW846 6010C
Magnesium		17.5	3.0		mg/l	SW846 6010C
Sodium		135	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		3.86			ratio	USDA HANDBOOK 60
DA78742-54B	**B41@25'**					
Boron		0.286	0.25		mg/l	SW846 6010C
DA78742-54C	**B41@25'**					
Arsenic		3.2	0.22		mg/kg	SW846 6020B
Barium		74.3	2.2		mg/kg	SW846 6020B
Cadmium		1.3	0.11		mg/kg	SW846 6020B
Copper		16.6	2.2		mg/kg	SW846 6020B
Lead		11.8	0.55		mg/kg	SW846 6020B
Nickel		60.5	2.2		mg/kg	SW846 6020B
Selenium		0.25	0.22		mg/kg	SW846 6020B
Zinc		93.1	11		mg/kg	SW846 6020B
pH		7.86			su	WREP-125,4E-SATPASTE
Specific Conductivity		1.1	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-55	**B42@25'**					
No hits reported in this sample.						

Summary of Hits

Job Number: DA78742
Account: Civitas
Project: Gordon 13-19
Collected: 01/14/26

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA78742-55A	**B42@25'**					
Calcium		89.7	6.0		mg/l	SW846 6010C
Magnesium		26.6	3.0		mg/l	SW846 6010C
Sodium		48.4	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		1.15			ratio	USDA HANDBOOK 60
DA78742-55B	**B42@25'**					
No hits reported in this sample.						
DA78742-55C	**B42@25'**					
Arsenic		2.6	0.22		mg/kg	SW846 6020B
Barium		58.7	2.2		mg/kg	SW846 6020B
Cadmium		0.14	0.11		mg/kg	SW846 6020B
Copper		7.4	2.2		mg/kg	SW846 6020B
Lead		6.5	0.54		mg/kg	SW846 6020B
Nickel		6.0	2.2		mg/kg	SW846 6020B
Zinc		44.4	11		mg/kg	SW846 6020B
pH		7.52			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.92	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-56	**B43@25'**					
No hits reported in this sample.						
DA78742-56A	**B43@25'**					
Calcium		58.1	6.0		mg/l	SW846 6010C
Magnesium		17.0	3.0		mg/l	SW846 6010C
Sodium		62.5	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		1.85			ratio	USDA HANDBOOK 60
DA78742-56B	**B43@25'**					
No hits reported in this sample.						
DA78742-56C	**B43@25'**					
Arsenic		3.6	0.23		mg/kg	SW846 6020B
Barium		68.7	2.3		mg/kg	SW846 6020B
Cadmium		0.29	0.11		mg/kg	SW846 6020B
Copper		13.6	2.3		mg/kg	SW846 6020B

Summary of Hits

Job Number: DA78742
Account: Civitas
Project: Gordon 13-19
Collected: 01/14/26

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Lead		12.1	0.57		mg/kg	SW846 6020B
Nickel		12.7	2.3		mg/kg	SW846 6020B
Zinc		63.0	11		mg/kg	SW846 6020B
pH		7.86			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.72	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-57	**B44@25'**					
No hits reported in this sample.						
DA78742-57A	**B44@25'**					
Calcium		101	6.0		mg/l	SW846 6010C
Magnesium		31.9	3.0		mg/l	SW846 6010C
Sodium		238	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		5.29			ratio	USDA HANDBOOK 60
DA78742-57B	**B44@25'**					
Boron		0.430	0.25		mg/l	SW846 6010C
DA78742-57C	**B44@25'**					
Arsenic		2.5	0.21		mg/kg	SW846 6020B
Barium		52.4	2.1		mg/kg	SW846 6020B
Cadmium		0.11	0.10		mg/kg	SW846 6020B
Copper		9.0	2.1		mg/kg	SW846 6020B
Lead		5.2	0.51		mg/kg	SW846 6020B
Nickel		4.9	2.1		mg/kg	SW846 6020B
Zinc		27.3	10		mg/kg	SW846 6020B
pH		7.84			su	WREP-125,4E-SATPASTE
Specific Conductivity		1.9	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-58	**B45@25'**					
No hits reported in this sample.						
DA78742-58A	**B45@25'**					
Calcium		98.4	6.0		mg/l	SW846 6010C
Magnesium		28.4	3.0		mg/l	SW846 6010C
Sodium		369	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		8.43			ratio	USDA HANDBOOK 60

Summary of Hits

Job Number: DA78742
Account: Civitas
Project: Gordon 13-19
Collected: 01/14/26

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA78742-58B	**B45@25'**					
Boron		0.343	0.25		mg/l	SW846 6010C
DA78742-58C	**B45@25'**					
Arsenic		2.2	0.22		mg/kg	SW846 6020B
Barium		66.2	2.2		mg/kg	SW846 6020B
Cadmium		0.27	0.11		mg/kg	SW846 6020B
Copper		9.5	2.2		mg/kg	SW846 6020B
Lead		7.6	0.55		mg/kg	SW846 6020B
Nickel		11.9	2.2		mg/kg	SW846 6020B
Zinc		48.9	11		mg/kg	SW846 6020B
pH		7.85			su	WREP-125,4E-SATPASTE
Specific Conductivity		2.4	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-59	**B46@25'**					
No hits reported in this sample.						
DA78742-59A	**B46@25'**					
Calcium		61.8	6.0		mg/l	SW846 6010C
Magnesium		18.1	3.0		mg/l	SW846 6010C
Sodium		310	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		8.91			ratio	USDA HANDBOOK 60
DA78742-59B	**B46@25'**					
Boron		0.906	0.25		mg/l	SW846 6010C
DA78742-59C	**B46@25'**					
Arsenic		3.0	0.23		mg/kg	SW846 6020B
Barium		99.8	2.3		mg/kg	SW846 6020B
Cadmium		0.23	0.12		mg/kg	SW846 6020B
Copper		12.9	2.3		mg/kg	SW846 6020B
Lead		11.5	0.58		mg/kg	SW846 6020B
Nickel		11.4	2.3		mg/kg	SW846 6020B
Selenium		0.23	0.23		mg/kg	SW846 6020B
Zinc		54.1	12		mg/kg	SW846 6020B
pH		7.93			su	WREP-125,4E-SATPASTE
Specific Conductivity		1.7	0.0010		mmhos/cm	SM 2510B-2011 MOD

Summary of Hits

Job Number: DA78742
Account: Civitas
Project: Gordon 13-19
Collected: 01/14/26

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA78742-60	**B47@12'**					
TPH-DRO (C10-C28)		5.56	4.4		mg/kg	SW846-8015C
TPH-ORO (> C28-C36)		12.2	6.6		mg/kg	SW846-8015C
DA78742-60A	**B47@12'**					
Calcium		83.0	6.0		mg/l	SW846 6010C
Magnesium		24.7	3.0		mg/l	SW846 6010C
Sodium		943	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		23.3			ratio	USDA HANDBOOK 60
DA78742-60B	**B47@12'**					
Boron		1.02	0.25		mg/l	SW846 6010C
DA78742-60C	**B47@12'**					
Arsenic		4.2	0.20		mg/kg	SW846 6020B
Barium		143	2.0		mg/kg	SW846 6020B
Cadmium		0.21	0.10		mg/kg	SW846 6020B
Copper		12.0	2.0		mg/kg	SW846 6020B
Lead		10.8	0.50		mg/kg	SW846 6020B
Nickel		10.1	2.0		mg/kg	SW846 6020B
Selenium		0.22	0.20		mg/kg	SW846 6020B
Zinc		34.7	10		mg/kg	SW846 6020B
pH		7.84			su	WREP-125,4E-SATPASTE
Specific Conductivity		4.6	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-61	**B48@12'**					
No hits reported in this sample.						
DA78742-61A	**B48@12'**					
Calcium		173	6.0		mg/l	SW846 6010C
Magnesium		102	3.0		mg/l	SW846 6010C
Sodium		114	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		1.70			ratio	USDA HANDBOOK 60
DA78742-61B	**B48@12'**					
Boron		0.482	0.25		mg/l	SW846 6010C

Summary of Hits

Job Number: DA78742
Account: Civitas
Project: Gordon 13-19
Collected: 01/14/26

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA78742-61C	**B48@12'**					
Arsenic		5.7	0.23		mg/kg	SW846 6020B
Barium		102	2.3		mg/kg	SW846 6020B
Cadmium		0.17	0.11		mg/kg	SW846 6020B
Copper		13.6	2.3		mg/kg	SW846 6020B
Lead		13.6	0.57		mg/kg	SW846 6020B
Nickel		20.3	2.3		mg/kg	SW846 6020B
Selenium		0.23	0.23		mg/kg	SW846 6020B
Zinc		55.5	11		mg/kg	SW846 6020B
pH		9.74			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.41	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-62	**S26@8'**					
No hits reported in this sample.						
DA78742-62A	**S26@8'**					
Calcium		31.2	6.0		mg/l	SW846 6010C
Magnesium		13.0	3.0		mg/l	SW846 6010C
Sodium		20.0	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		0.759			ratio	USDA HANDBOOK 60
DA78742-62B	**S26@8'**					
Boron		0.311	0.25		mg/l	SW846 6010C
DA78742-62C	**S26@8'**					
Arsenic		4.3	0.23		mg/kg	SW846 6020B
Barium		156	2.3		mg/kg	SW846 6020B
Copper		9.6	2.3		mg/kg	SW846 6020B
Lead		9.1	0.58		mg/kg	SW846 6020B
Nickel		11.9	2.3		mg/kg	SW846 6020B
Zinc		28.4	12		mg/kg	SW846 6020B
pH		8.12			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.31	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA78742-63	**N31@8'**					
No hits reported in this sample.						

Summary of Hits

Job Number: DA78742
Account: Civitas
Project: Gordon 13-19
Collected: 01/14/26

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA78742-63A	**N31@8'**					
Calcium		192	6.0		mg/l	SW846 6010C
Magnesium		93.4	3.0		mg/l	SW846 6010C
Sodium		1640	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		24.3			ratio	USDA HANDBOOK 60
DA78742-63B	**N31@8'**					
Boron		0.669	0.25		mg/l	SW846 6010C
DA78742-63C	**N31@8'**					
Arsenic		4.4	0.22		mg/kg	SW846 6020B
Barium		172	2.2		mg/kg	SW846 6020B
Cadmium		0.12	0.11		mg/kg	SW846 6020B
Copper		10.4	2.2		mg/kg	SW846 6020B
Lead		9.5	0.56		mg/kg	SW846 6020B
Nickel		10.3	2.2		mg/kg	SW846 6020B
Selenium		0.23	0.22		mg/kg	SW846 6020B
Zinc		32.2	11		mg/kg	SW846 6020B
pH		7.75			su	WREP-125,4E-SATPASTE
Specific Conductivity		8.2	0.0010		mmhos/cm	SM 2510B-2011 MOD

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]
(b) Sample digested on 19-Jan-2026 at 09:37. Analysis performed at SGS Orlando, FL.
(c) Yttrium internal standard out of range. Ran at higher dilution for confirmation.
(d) Analysis performed at SGS Orlando, FL.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	E11@8'		
Lab Sample ID:	DA78742-1	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	87.8
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	9AV4972.D	1	01/16/26 02:35	MB	n/a	n/a	V9V877
Run #2							

	Initial Weight	Final Volume
Run #1	5.10 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0011	0.0011	mg/kg	
100-41-4	Ethylbenzene	< 0.0022	0.0022	mg/kg	
108-88-3	Toluene	< 0.0022	0.0022	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0022	0.0022	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0022	0.0022	mg/kg	
	m,p-Xylene	< 0.0022	0.0022	mg/kg	
95-47-6	o-Xylene	< 0.0022	0.0022	mg/kg	
1330-20-7	Xylene (total)	< 0.0022	0.0022	mg/kg	
	TPH-GRO (C6-C10)	< 0.22	0.22	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		70-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	98%		70-130%
17060-07-0	1,2-Dichloroethane-D4	103%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	E11@8'		
Lab Sample ID:	DA78742-1	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	87.8
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G62722.D	1	01/16/26 21:25	ZL	01/16/26 11:00	OP29807	E3G2987
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0045	0.0045	mg/kg	
120-12-7	Anthracene	< 0.0045	0.0045	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0056	0.0056	mg/kg	
205-99-2	Benzo(b)fluoranthene [a]	< 0.0045	0.0045	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0045	0.0045	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0045	0.0045	mg/kg	
218-01-9	Chrysene	< 0.0045	0.0045	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0045	0.0045	mg/kg	
206-44-0	Fluoranthene	< 0.0045	0.0045	mg/kg	
86-73-7	Fluorene	< 0.0045	0.0045	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0045	0.0045	mg/kg	
90-12-0	1-Methylnaphthalene	0.0047	0.0045	mg/kg	
91-57-6	2-Methylnaphthalene	0.0059	0.0045	mg/kg	
91-20-3	Naphthalene	< 0.0022	0.0022	mg/kg	
129-00-0	Pyrene	< 0.0045	0.0045	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	92%		22-138%
4165-60-0	Nitrobenzene-d5	101%		32-143%
1718-51-0	Terphenyl-d14	82%		48-149%

(a) Associated CCV outside of control limits high.

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	E11@8'		
Lab Sample ID:	DA78742-1	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	87.8
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FH085050.D	1	01/19/26 16:22	JB	01/16/26 10:30	OP29827	GFH24072
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28) [a]	< 4.5	4.5	mg/kg	
	TPH-ORO (> C28-C36)	< 6.8	6.8	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	103%		44-149%

(a) Associated CCV outside of control limits biased high, sample was ND.

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	E11@8'		
Lab Sample ID:	DA78742-1A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	87.8
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	17.3	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	5.22	3.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	1120	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45571

RL = Reporting Limit

Report of Analysis

Client Sample ID:	E11@8'		
Lab Sample ID:	DA78742-1A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	87.8
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	60.6		ratio	1	01/16/26 19:07	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	E11@8'		
Lab Sample ID:	DA78742-1B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	87.8
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	1.52	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45559

RL = Reporting Limit

Report of Analysis

Client Sample ID:	E11@8'		
Lab Sample ID:	DA78742-1C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	87.8
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	4.3	0.21	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	117	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.13	0.10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	8.8	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	7.5	0.52	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	8.7	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.25	0.21	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.10	0.10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	23.4	10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20091
(2) Prep QC Batch: MP45550

RL = Reporting Limit

Report of Analysis

Client Sample ID:	E11@8'		
Lab Sample ID:	DA78742-1C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	87.8
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	8.36		su	1	01/15/26 11:00	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	4.9	0.0010	mmhos/cm	1	01/15/26 11:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.47	0.47	mg/kg	1	01/20/26 00:05	AFL	SW846 7199

(a) Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	E12@12'		
Lab Sample ID:	DA78742-2	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	79.3
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	9AV4980.D	1	01/16/26 05:43	MB	n/a	n/a	V9V877
Run #2							

	Initial Weight	Final Volume
Run #1	5.12 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0012	0.0012	mg/kg	
100-41-4	Ethylbenzene	< 0.0025	0.0025	mg/kg	
108-88-3	Toluene	< 0.0025	0.0025	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0025	0.0025	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0025	0.0025	mg/kg	
	m,p-Xylene	< 0.0025	0.0025	mg/kg	
95-47-6	o-Xylene	< 0.0025	0.0025	mg/kg	
1330-20-7	Xylene (total)	< 0.0025	0.0025	mg/kg	
	TPH-GRO (C6-C10)	< 0.25	0.25	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		70-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	95%		70-130%
17060-07-0	1,2-Dichloroethane-D4	97%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	E12@12'		
Lab Sample ID:	DA78742-2	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	79.3
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G62723.D	1	01/16/26 21:46	ZL	01/16/26 11:00	OP29807	E3G2987
Run #2							

	Initial Weight	Final Volume
Run #1	5.0 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0050	0.0050	mg/kg	
120-12-7	Anthracene	< 0.0050	0.0050	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0063	0.0063	mg/kg	
205-99-2	Benzo(b)fluoranthene [a]	< 0.0050	0.0050	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0050	0.0050	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0050	0.0050	mg/kg	
218-01-9	Chrysene	< 0.0050	0.0050	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0050	0.0050	mg/kg	
206-44-0	Fluoranthene	< 0.0050	0.0050	mg/kg	
86-73-7	Fluorene	< 0.0050	0.0050	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0050	0.0050	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0050	0.0050	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0050	0.0050	mg/kg	
91-20-3	Naphthalene	< 0.0025	0.0025	mg/kg	
129-00-0	Pyrene	< 0.0050	0.0050	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	109%		22-138%
4165-60-0	Nitrobenzene-d5	126%		32-143%
1718-51-0	Terphenyl-d14	81%		48-149%

(a) Associated CCV outside of control limits high.

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	E12@12'		
Lab Sample ID:	DA78742-2	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	79.3
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FH085051.D	1	01/19/26 16:35	JB	01/16/26 10:30	OP29827	GFH24072
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28) [a]	< 4.9	4.9	mg/kg	
	TPH-ORO (> C28-C36)	< 7.4	7.4	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	101%		44-149%

(a) Associated CCV outside of control limits biased high, sample was ND.

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	E12@12'		
Lab Sample ID:	DA78742-2A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	79.3
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	384	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	136	3.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	281	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45571

RL = Reporting Limit

Report of Analysis

Client Sample ID:	E12@12'		
Lab Sample ID:	DA78742-2A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	79.3
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	3.14		ratio	1	01/16/26 19:09	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	E12@12'		
Lab Sample ID:	DA78742-2B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	79.3
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	0.361	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45559

RL = Reporting Limit

Report of Analysis

Client Sample ID:	E12@12'		
Lab Sample ID:	DA78742-2C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	79.3
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	1.3	0.22	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	19.8	2.2	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	< 0.11	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	9.4	2.2	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	9.5	0.54	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	6.2	2.2	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.22	0.22	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.11	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	40.2	11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20091
(2) Prep QC Batch: MP45550

RL = Reporting Limit

Report of Analysis

Client Sample ID:	E12@12'		
Lab Sample ID:	DA78742-2C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	79.3
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.59		su	1	01/15/26 11:00	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	4.3	0.0010	mmhos/cm	1	01/15/26 11:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.53	0.53	mg/kg	1	01/20/26 00:27	AFL	SW846 7199

(a) Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	E13@12'		
Lab Sample ID:	DA78742-3	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	82.1
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	9AV4981.D	1	01/16/26 06:06	MB	n/a	n/a	V9V877
Run #2							

	Initial Weight	Final Volume
Run #1	5.10 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0012	0.0012	mg/kg	
100-41-4	Ethylbenzene	< 0.0024	0.0024	mg/kg	
108-88-3	Toluene	< 0.0024	0.0024	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0024	0.0024	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0024	0.0024	mg/kg	
	m,p-Xylene	< 0.0024	0.0024	mg/kg	
95-47-6	o-Xylene	< 0.0024	0.0024	mg/kg	
1330-20-7	Xylene (total)	< 0.0024	0.0024	mg/kg	
	TPH-GRO (C6-C10)	< 0.24	0.24	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		70-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	96%		70-130%
17060-07-0	1,2-Dichloroethane-D4	100%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	E13@12'		
Lab Sample ID:	DA78742-3	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	82.1
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G62724.D	1	01/16/26 22:08	ZL	01/16/26 11:00	OP29807	E3G2987
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0047	0.0047	mg/kg	
120-12-7	Anthracene	< 0.0047	0.0047	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0059	0.0059	mg/kg	
205-99-2	Benzo(b)fluoranthene [a]	< 0.0047	0.0047	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0047	0.0047	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0047	0.0047	mg/kg	
218-01-9	Chrysene	< 0.0047	0.0047	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0047	0.0047	mg/kg	
206-44-0	Fluoranthene	< 0.0047	0.0047	mg/kg	
86-73-7	Fluorene	< 0.0047	0.0047	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0047	0.0047	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0047	0.0047	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0047	0.0047	mg/kg	
91-20-3	Naphthalene	< 0.0023	0.0023	mg/kg	
129-00-0	Pyrene	< 0.0047	0.0047	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	111%		22-138%
4165-60-0	Nitrobenzene-d5	126%		32-143%
1718-51-0	Terphenyl-d14	88%		48-149%

(a) Associated CCV outside of control limits high.

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	E13@12'		
Lab Sample ID:	DA78742-3	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	82.1
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FH085052.D	1	01/19/26 16:49	JB	01/16/26 10:30	OP29827	GFH24072
Run #2							

	Initial Weight	Final Volume
Run #1	5.0 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28) [a]	< 4.9	4.9	mg/kg	
	TPH-ORO (> C28-C36)	< 7.3	7.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	106%		44-149%

(a) Associated CCV outside of control limits biased high, sample was ND.

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	E13@12'		
Lab Sample ID:	DA78742-3A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	82.1
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	237	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	81.3	3.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	207	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45571

RL = Reporting Limit

Report of Analysis

Client Sample ID:	E13@12'		
Lab Sample ID:	DA78742-3A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	82.1
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	2.96		ratio	1	01/16/26 19:22	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	E13@12'		
Lab Sample ID:	DA78742-3B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	82.1
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	0.366	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45559

RL = Reporting Limit

Report of Analysis

Client Sample ID:	E13@12'		
Lab Sample ID:	DA78742-3C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	82.1
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.6	0.23	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	63.0	2.3	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	< 0.12	0.12	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	10.3	2.3	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	9.8	0.58	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	10.1	2.3	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.39	0.23	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.12	0.12	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	39.8	12	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20091
(2) Prep QC Batch: MP45550

RL = Reporting Limit

Report of Analysis

Client Sample ID:	E13@12'		
Lab Sample ID:	DA78742-3C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	82.1
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.73		su	1	01/15/26 11:00	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	2.3	0.0010	mmhos/cm	1	01/15/26 11:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.49	0.49	mg/kg	1	01/20/26 00:49	AFL	SW846 7199

(a) Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	E14@12'		
Lab Sample ID:	DA78742-4	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	80.4
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	9AV4982.D	1	01/16/26 06:28	MB	n/a	n/a	V9V877
Run #2							

	Initial Weight	Final Volume
Run #1	5.08 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0012	0.0012	mg/kg	
100-41-4	Ethylbenzene	< 0.0024	0.0024	mg/kg	
108-88-3	Toluene	< 0.0024	0.0024	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0024	0.0024	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0024	0.0024	mg/kg	
	m,p-Xylene	< 0.0024	0.0024	mg/kg	
95-47-6	o-Xylene	< 0.0024	0.0024	mg/kg	
1330-20-7	Xylene (total)	< 0.0024	0.0024	mg/kg	
	TPH-GRO (C6-C10)	< 0.24	0.24	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	97%		70-130%
17060-07-0	1,2-Dichloroethane-D4	100%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	E14@12'		
Lab Sample ID:	DA78742-4	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	80.4
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G62725.D	1	01/16/26 22:30	ZL	01/16/26 11:00	OP29807	E3G2987
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0048	0.0048	mg/kg	
120-12-7	Anthracene	< 0.0048	0.0048	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0060	0.0060	mg/kg	
205-99-2	Benzo(b)fluoranthene [a]	< 0.0048	0.0048	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0048	0.0048	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0048	0.0048	mg/kg	
218-01-9	Chrysene	< 0.0048	0.0048	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0048	0.0048	mg/kg	
206-44-0	Fluoranthene	< 0.0048	0.0048	mg/kg	
86-73-7	Fluorene	< 0.0048	0.0048	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0048	0.0048	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0048	0.0048	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0048	0.0048	mg/kg	
91-20-3	Naphthalene	< 0.0024	0.0024	mg/kg	
129-00-0	Pyrene	< 0.0048	0.0048	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	104%		22-138%
4165-60-0	Nitrobenzene-d5	118%		32-143%
1718-51-0	Terphenyl-d14	90%		48-149%

(a) Associated CCV outside of control limits high.

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	E14@12'		
Lab Sample ID:	DA78742-4	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	80.4
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FH085053.D	1	01/19/26 17:02	JB	01/16/26 10:30	OP29827	GFH24072
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28) [a]	< 4.9	4.9	mg/kg	
	TPH-ORO (> C28-C36)	< 7.4	7.4	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	106%		44-149%

(a) Associated CCV outside of control limits biased high, sample was ND.

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	E14@12'		
Lab Sample ID:	DA78742-4A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	80.4
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	237	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	85.8	3.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	236	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45571

RL = Reporting Limit

Report of Analysis

Client Sample ID:	E14@12'		
Lab Sample ID:	DA78742-4A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	80.4
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	3.34		ratio	1	01/16/26 19:23	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	E14@12'		
Lab Sample ID:	DA78742-4B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	80.4
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	0.341	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45559

RL = Reporting Limit

Report of Analysis

Client Sample ID:	E14@12'		
Lab Sample ID:	DA78742-4C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	80.4
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.6	0.21	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	44.5	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	< 0.10	0.10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	22.1	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	11.3	0.52	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	7.5	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.39	0.21	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.10	0.10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	58.4	10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20091
(2) Prep QC Batch: MP45550

RL = Reporting Limit

Report of Analysis

Client Sample ID:	E14@12'		
Lab Sample ID:	DA78742-4C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	80.4
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.71		su	1	01/15/26 11:00	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	2.4	0.0010	mmhos/cm	1	01/15/26 11:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.99	0.99	mg/kg	2	01/20/26 01:11	AFL	SW846 7199

(a) Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N18@12'		
Lab Sample ID:	DA78742-5	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	81.4
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	9AV4983.D	1	01/16/26 06:51	MB	n/a	n/a	V9V877
Run #2							

	Initial Weight	Final Volume
Run #1	5.11 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0012	0.0012	mg/kg	
100-41-4	Ethylbenzene	< 0.0024	0.0024	mg/kg	
108-88-3	Toluene	< 0.0024	0.0024	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0024	0.0024	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0024	0.0024	mg/kg	
	m,p-Xylene	< 0.0024	0.0024	mg/kg	
95-47-6	o-Xylene	< 0.0024	0.0024	mg/kg	
1330-20-7	Xylene (total)	< 0.0024	0.0024	mg/kg	
	TPH-GRO (C6-C10)	< 0.24	0.24	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	97%		70-130%
17060-07-0	1,2-Dichloroethane-D4	98%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	N18@12'		
Lab Sample ID:	DA78742-5	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	81.4
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G62726.D	1	01/16/26 22:52	ZL	01/16/26 11:00	OP29807	E3G2987
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0048	0.0048	mg/kg	
120-12-7	Anthracene	< 0.0048	0.0048	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0060	0.0060	mg/kg	
205-99-2	Benzo(b)fluoranthene [a]	< 0.0048	0.0048	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0048	0.0048	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0048	0.0048	mg/kg	
218-01-9	Chrysene	< 0.0048	0.0048	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0048	0.0048	mg/kg	
206-44-0	Fluoranthene	< 0.0048	0.0048	mg/kg	
86-73-7	Fluorene	< 0.0048	0.0048	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0048	0.0048	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0048	0.0048	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0048	0.0048	mg/kg	
91-20-3	Naphthalene	< 0.0024	0.0024	mg/kg	
129-00-0	Pyrene	< 0.0048	0.0048	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	96%		22-138%
4165-60-0	Nitrobenzene-d5	111%		32-143%
1718-51-0	Terphenyl-d14	88%		48-149%

(a) Associated CCV outside of control limits high.

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	N18@12'		
Lab Sample ID:	DA78742-5	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	81.4
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FH085054.D	1	01/19/26 17:15	JB	01/16/26 10:30	OP29827	GFH24072
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28) [a]	< 4.8	4.8	mg/kg	
	TPH-ORO (> C28-C36)	< 7.3	7.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	109%		44-149%

(a) Associated CCV outside of control limits biased high, sample was ND.

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	N18@12'		
Lab Sample ID:	DA78742-5A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	81.4
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	200	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	68.5	3.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	183	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45572

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	N18@12'		
Lab Sample ID:	DA78742-5A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	81.4
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	2.85		ratio	1	01/16/26 19:33	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N18@12'		
Lab Sample ID:	DA78742-5B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	81.4
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	0.306	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45559

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	N18@12'		
Lab Sample ID:	DA78742-5C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	81.4
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.8	0.23	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	67.2	2.3	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	< 0.11	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	11.6	2.3	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	18.4	0.57	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	5.8	2.3	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.29	0.23	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.11	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	30.5	11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20091
(2) Prep QC Batch: MP45550

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N18@12'		
Lab Sample ID:	DA78742-5C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	81.4
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.72		su	1	01/15/26 12:56	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	2.2	0.0010	mmhos/cm	1	01/15/26 12:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	1.7	0.50	mg/kg	1	01/20/26 11:50	AFL	SW846 7199

(a) Sample digested on 19-Jan-2026 at 09:37. Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N19@12'		
Lab Sample ID:	DA78742-6	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	79.9
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	9AV4984.D	1	01/16/26 07:15	MB	n/a	n/a	V9V877
Run #2							

	Initial Weight	Final Volume
Run #1	5.16 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0012	0.0012	mg/kg	
100-41-4	Ethylbenzene	< 0.0024	0.0024	mg/kg	
108-88-3	Toluene	< 0.0024	0.0024	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0024	0.0024	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0024	0.0024	mg/kg	
	m,p-Xylene	< 0.0024	0.0024	mg/kg	
95-47-6	o-Xylene	< 0.0024	0.0024	mg/kg	
1330-20-7	Xylene (total)	< 0.0024	0.0024	mg/kg	
	TPH-GRO (C6-C10)	< 0.24	0.24	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		70-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	98%		70-130%
17060-07-0	1,2-Dichloroethane-D4	98%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	N19@12'		
Lab Sample ID:	DA78742-6	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	79.9
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G62727.D	1	01/16/26 23:14	ZL	01/16/26 11:00	OP29807	E3G2987
Run #2							

	Initial Weight	Final Volume
Run #1	5.3 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0047	0.0047	mg/kg	
120-12-7	Anthracene	< 0.0047	0.0047	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0059	0.0059	mg/kg	
205-99-2	Benzo(b)fluoranthene [a]	< 0.0047	0.0047	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0047	0.0047	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0047	0.0047	mg/kg	
218-01-9	Chrysene	< 0.0047	0.0047	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0047	0.0047	mg/kg	
206-44-0	Fluoranthene	< 0.0047	0.0047	mg/kg	
86-73-7	Fluorene	< 0.0047	0.0047	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0047	0.0047	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0047	0.0047	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0047	0.0047	mg/kg	
91-20-3	Naphthalene	< 0.0024	0.0024	mg/kg	
129-00-0	Pyrene	< 0.0047	0.0047	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	100%		22-138%
4165-60-0	Nitrobenzene-d5	122%		32-143%
1718-51-0	Terphenyl-d14	87%		48-149%

(a) Associated CCV outside of control limits high.

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	N19@12'		
Lab Sample ID:	DA78742-6	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	79.9
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FP090131.D	1	01/19/26 12:35	JB	01/16/26 10:30	OP29828	GFP2547
Run #2							

	Initial Weight	Final Volume
Run #1	5.0 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 5.0	5.0	mg/kg	
	TPH-ORO (> C28-C36)	< 7.5	7.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	103%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	N19@12'		
Lab Sample ID:	DA78742-6A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	79.9
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	161	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	47.7	3.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	151	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45572

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N19@12'		
Lab Sample ID:	DA78742-6A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	79.9
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	2.68		ratio	1	01/16/26 19:40	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N19@12'		
Lab Sample ID:	DA78742-6B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	79.9
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	0.291	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45559

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	N19@12'		
Lab Sample ID:	DA78742-6C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	79.9
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	4.2	0.24	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	38.5	2.4	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	< 0.12	0.12	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	14.1	2.4	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	8.0	0.60	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	3.2	2.4	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.37	0.24	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.12	0.12	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	36.6	12	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20091
(2) Prep QC Batch: MP45550

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N19@12'		
Lab Sample ID:	DA78742-6C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	79.9
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.78		su	1	01/15/26 12:56	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	1.6	0.0010	mmhos/cm	1	01/15/26 12:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.51	0.51	mg/kg	1	01/20/26 13:32	AFL	SW846 7199

(a) Sample digested on 19-Jan-2026 at 09:37. Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N20@12'		
Lab Sample ID:	DA78742-7	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	76.2
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	9AV4985.D	1	01/16/26 07:38	MB	n/a	n/a	V9V877
Run #2							

	Initial Weight	Final Volume
Run #1	5.13 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0013	0.0013	mg/kg	
100-41-4	Ethylbenzene	< 0.0026	0.0026	mg/kg	
108-88-3	Toluene	< 0.0026	0.0026	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0026	0.0026	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0026	0.0026	mg/kg	
	m,p-Xylene	< 0.0026	0.0026	mg/kg	
95-47-6	o-Xylene	< 0.0026	0.0026	mg/kg	
1330-20-7	Xylene (total)	< 0.0026	0.0026	mg/kg	
	TPH-GRO (C6-C10)	< 0.26	0.26	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		70-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	97%		70-130%
17060-07-0	1,2-Dichloroethane-D4	100%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	N20@12'		
Lab Sample ID:	DA78742-7	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	76.2
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G62728.D	1	01/16/26 23:36	ZL	01/16/26 11:00	OP29807	E3G2987
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0050	0.0050	mg/kg	
120-12-7	Anthracene	< 0.0050	0.0050	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0063	0.0063	mg/kg	
205-99-2	Benzo(b)fluoranthene [a]	< 0.0050	0.0050	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0050	0.0050	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0050	0.0050	mg/kg	
218-01-9	Chrysene	< 0.0050	0.0050	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0050	0.0050	mg/kg	
206-44-0	Fluoranthene	< 0.0050	0.0050	mg/kg	
86-73-7	Fluorene	< 0.0050	0.0050	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0050	0.0050	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0050	0.0050	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0050	0.0050	mg/kg	
91-20-3	Naphthalene	< 0.0025	0.0025	mg/kg	
129-00-0	Pyrene	< 0.0050	0.0050	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	97%		22-138%
4165-60-0	Nitrobenzene-d5	110%		32-143%
1718-51-0	Terphenyl-d14	80%		48-149%

(a) Associated CCV outside of control limits high.

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	N20@12'		
Lab Sample ID:	DA78742-7	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	76.2
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FP090132.D	1	01/19/26 12:48	JB	01/16/26 10:30	OP29828	GFP2547
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 5.2	5.2	mg/kg	
	TPH-ORO (> C28-C36)	< 7.8	7.8	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	111%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	N20@12'		
Lab Sample ID:	DA78742-7A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	76.2
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	99.3	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	28.7	3.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	101	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45572

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N20@12'		
Lab Sample ID:	DA78742-7A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	76.2
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	2.30		ratio	1	01/16/26 19:41	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N20@12'		
Lab Sample ID:	DA78742-7B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	76.2
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	0.308	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45559

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	N20@12'		
Lab Sample ID:	DA78742-7C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	76.2
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	4.1	0.25	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	39.5	2.5	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.27	0.12	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	10.2	2.5	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	5.2	0.61	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	8.5	2.5	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.25	0.25	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.12	0.12	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	47.9	12	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20091
(2) Prep QC Batch: MP45550

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N20@12'		
Lab Sample ID:	DA78742-7C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	76.2
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.87		su	1	01/15/26 12:56	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	1.2	0.0010	mmhos/cm	1	01/15/26 12:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.50	0.50	mg/kg	1	01/20/26 13:53	AFL	SW846 7199

(a) Sample digested on 19-Jan-2026 at 09:37. Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N21@12'		
Lab Sample ID:	DA78742-8	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	84.1
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	9AV4986.D	1	01/16/26 08:01	MB	n/a	n/a	V9V877
Run #2							

	Initial Weight	Final Volume
Run #1	5.20 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0011	0.0011	mg/kg	
100-41-4	Ethylbenzene	< 0.0023	0.0023	mg/kg	
108-88-3	Toluene	< 0.0023	0.0023	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0023	0.0023	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0023	0.0023	mg/kg	
	m,p-Xylene	< 0.0023	0.0023	mg/kg	
95-47-6	o-Xylene	< 0.0023	0.0023	mg/kg	
1330-20-7	Xylene (total)	< 0.0023	0.0023	mg/kg	
	TPH-GRO (C6-C10)	< 0.23	0.23	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		70-130%
2037-26-5	Toluene-D8	100%		70-130%
460-00-4	4-Bromofluorobenzene	98%		70-130%
17060-07-0	1,2-Dichloroethane-D4	99%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	N21@12'		
Lab Sample ID:	DA78742-8	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	84.1
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G62729.D	1	01/16/26 23:58	ZL	01/16/26 11:00	OP29807	E3G2987
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0046	0.0046	mg/kg	
120-12-7	Anthracene	< 0.0046	0.0046	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0057	0.0057	mg/kg	
205-99-2	Benzo(b)fluoranthene [a]	< 0.0046	0.0046	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0046	0.0046	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0046	0.0046	mg/kg	
218-01-9	Chrysene	< 0.0046	0.0046	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0046	0.0046	mg/kg	
206-44-0	Fluoranthene	< 0.0046	0.0046	mg/kg	
86-73-7	Fluorene	< 0.0046	0.0046	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0046	0.0046	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0046	0.0046	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0046	0.0046	mg/kg	
91-20-3	Naphthalene	< 0.0023	0.0023	mg/kg	
129-00-0	Pyrene	< 0.0046	0.0046	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	109%		22-138%
4165-60-0	Nitrobenzene-d5	122%		32-143%
1718-51-0	Terphenyl-d14	95%		48-149%

(a) Associated CCV outside of control limits high.

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	N21@12'		
Lab Sample ID:	DA78742-8	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	84.1
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FP090133.D	1	01/19/26 13:01	JB	01/16/26 10:30	OP29828	GFP2547
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.7	4.7	mg/kg	
	TPH-ORO (> C28-C36)	< 7.0	7.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	103%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	N21@12'		
Lab Sample ID:	DA78742-8A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	84.1
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	47.9	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	13.5	3.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	84.8	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45572

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N21@12'		
Lab Sample ID:	DA78742-8A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	84.1
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	2.79		ratio	1	01/16/26 19:43	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N21@12'		
Lab Sample ID:	DA78742-8B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	84.1
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	0.370	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45559

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	N21@12'		
Lab Sample ID:	DA78742-8C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	84.1
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.0	0.23	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	98.3	2.3	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	< 0.11	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	14.2	2.3	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	10.0	0.57	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	7.1	2.3	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.24	0.23	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.11	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	37.2	11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20091
(2) Prep QC Batch: MP45550

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N21@12'		
Lab Sample ID:	DA78742-8C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	84.1
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.90		su	1	01/15/26 12:56	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.70	0.0010	mmhos/cm	1	01/15/26 12:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.47	0.47	mg/kg	1	01/20/26 14:34	AFL	SW846 7199

(a) Sample digested on 19-Jan-2026 at 09:37. Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N22@12'		
Lab Sample ID:	DA78742-9	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	81.0
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	9AV4987.D	1	01/16/26 08:24	MB	n/a	n/a	V9V877
Run #2							

	Initial Weight	Final Volume
Run #1	5.12 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0012	0.0012	mg/kg	
100-41-4	Ethylbenzene	< 0.0024	0.0024	mg/kg	
108-88-3	Toluene	< 0.0024	0.0024	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0024	0.0024	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0024	0.0024	mg/kg	
	m,p-Xylene	< 0.0024	0.0024	mg/kg	
95-47-6	o-Xylene	< 0.0024	0.0024	mg/kg	
1330-20-7	Xylene (total)	< 0.0024	0.0024	mg/kg	
	TPH-GRO (C6-C10)	< 0.24	0.24	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		70-130%
2037-26-5	Toluene-D8	81%		70-130%
460-00-4	4-Bromofluorobenzene	100%		70-130%
17060-07-0	1,2-Dichloroethane-D4	100%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	N22@12'		
Lab Sample ID:	DA78742-9	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	81.0
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G62730.D	1	01/17/26 00:20	ZL	01/16/26 11:00	OP29807	E3G2987
Run #2							

	Initial Weight	Final Volume
Run #1	5.0 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0049	0.0049	mg/kg	
120-12-7	Anthracene	< 0.0049	0.0049	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0062	0.0062	mg/kg	
205-99-2	Benzo(b)fluoranthene [a]	< 0.0049	0.0049	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0049	0.0049	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0049	0.0049	mg/kg	
218-01-9	Chrysene	< 0.0049	0.0049	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0049	0.0049	mg/kg	
206-44-0	Fluoranthene	< 0.0049	0.0049	mg/kg	
86-73-7	Fluorene	< 0.0049	0.0049	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0049	0.0049	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0049	0.0049	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0049	0.0049	mg/kg	
91-20-3	Naphthalene	< 0.0025	0.0025	mg/kg	
129-00-0	Pyrene	< 0.0049	0.0049	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	87%		22-138%
4165-60-0	Nitrobenzene-d5	103%		32-143%
1718-51-0	Terphenyl-d14	82%		48-149%

(a) Associated CCV outside of control limits high.

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	N22@12'		
Lab Sample ID:	DA78742-9	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	81.0
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FP090134.D	1	01/19/26 13:15	JB	01/16/26 10:30	OP29828	GFP2547
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.8	4.8	mg/kg	
	TPH-ORO (> C28-C36)	8.73	7.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	105%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	N22@12'		
Lab Sample ID:	DA78742-9A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	81.0
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	192	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	63.8	3.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	216	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45572

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N22@12'		
Lab Sample ID:	DA78742-9A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	81.0
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	3.45		ratio	1	01/16/26 19:44	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N22@12'		
Lab Sample ID:	DA78742-9B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	81.0
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	0.361	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45559

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N22@12'		
Lab Sample ID:	DA78742-9C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	81.0
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	6.7	0.22	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	70.1	2.2	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.11	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	20.4	2.2	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	12.6	0.54	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	8.2	2.2	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.43	0.22	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.11	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	40.1	11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20091
(2) Prep QC Batch: MP45550

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N22@12'		
Lab Sample ID:	DA78742-9C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	81.0
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.76		su	1	01/15/26 12:56	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	2.2	0.0010	mmhos/cm	1	01/15/26 12:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.50	0.50	mg/kg	1	01/20/26 14:54	AFL	SW846 7199

(a) Sample digested on 19-Jan-2026 at 09:37. Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N23@12'		
Lab Sample ID:	DA78742-10	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	91.5
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	9AV4988.D	1	01/16/26 08:48	MB	n/a	n/a	V9V877
Run #2							

	Initial Weight	Final Volume
Run #1	5.21 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0010	0.0010	mg/kg	
100-41-4	Ethylbenzene	< 0.0021	0.0021	mg/kg	
108-88-3	Toluene	< 0.0021	0.0021	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0021	0.0021	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0021	0.0021	mg/kg	
	m,p-Xylene	< 0.0021	0.0021	mg/kg	
95-47-6	o-Xylene	< 0.0021	0.0021	mg/kg	
1330-20-7	Xylene (total)	< 0.0021	0.0021	mg/kg	
	TPH-GRO (C6-C10)	< 0.21	0.21	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		70-130%
2037-26-5	Toluene-D8	100%		70-130%
460-00-4	4-Bromofluorobenzene	97%		70-130%
17060-07-0	1,2-Dichloroethane-D4	105%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	N23@12'		
Lab Sample ID:	DA78742-10	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	91.5
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G62731.D	1	01/17/26 00:41	ZL	01/16/26 11:00	OP29807	E3G2987
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0042	0.0042	mg/kg	
120-12-7	Anthracene	< 0.0042	0.0042	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0053	0.0053	mg/kg	
205-99-2	Benzo(b)fluoranthene [a]	< 0.0042	0.0042	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0042	0.0042	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0042	0.0042	mg/kg	
218-01-9	Chrysene	< 0.0042	0.0042	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0042	0.0042	mg/kg	
206-44-0	Fluoranthene	< 0.0042	0.0042	mg/kg	
86-73-7	Fluorene	< 0.0042	0.0042	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0042	0.0042	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0042	0.0042	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0042	0.0042	mg/kg	
91-20-3	Naphthalene	< 0.0021	0.0021	mg/kg	
129-00-0	Pyrene	< 0.0042	0.0042	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	94%		22-138%
4165-60-0	Nitrobenzene-d5	109%		32-143%
1718-51-0	Terphenyl-d14	75%		48-149%

(a) Associated CCV outside of control limits high.

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	N23@12'		
Lab Sample ID:	DA78742-10	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	91.5
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FP090135.D	1	01/19/26 13:28	JB	01/16/26 10:30	OP29828	GFP2547
Run #2							

	Initial Weight	Final Volume
Run #1	5.0 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	19.9	4.4	mg/kg	
	TPH-ORO (> C28-C36)	44.2	6.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	103%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	N23@12'		
Lab Sample ID:	DA78742-10A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	91.5
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	90.2	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	29.8	3.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	647	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45572

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N23@12'		
Lab Sample ID:	DA78742-10A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	91.5
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	15.1		ratio	1	01/16/26 19:49	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N23@12'		
Lab Sample ID:	DA78742-10B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	91.5
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	0.650	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45559

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	N23@12'		
Lab Sample ID:	DA78742-10C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	91.5
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.5	0.19	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	89.6	1.9	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.10	0.093	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	6.6	1.9	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	6.2	0.46	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	6.7	1.9	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.19	0.19	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.093	0.093	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	19.4	9.3	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20091
(2) Prep QC Batch: MP45550

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N23@12'		
Lab Sample ID:	DA78742-10C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	91.5
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.88		su	1	01/15/26 12:56	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	2.7	0.0010	mmhos/cm	1	01/15/26 12:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.44	0.44	mg/kg	1	01/20/26 15:15	AFL	SW846 7199

(a) Sample digested on 19-Jan-2026 at 09:37. Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N24@12'		
Lab Sample ID:	DA78742-11	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	86.8
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	9AV4989.D	1	01/16/26 09:11	MB	n/a	n/a	V9V877
Run #2							

	Initial Weight	Final Volume
Run #1	5.32 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0011	0.0011	mg/kg	
100-41-4	Ethylbenzene	< 0.0022	0.0022	mg/kg	
108-88-3	Toluene	< 0.0022	0.0022	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0022	0.0022	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0022	0.0022	mg/kg	
	m,p-Xylene	< 0.0022	0.0022	mg/kg	
95-47-6	o-Xylene	< 0.0022	0.0022	mg/kg	
1330-20-7	Xylene (total)	< 0.0022	0.0022	mg/kg	
	TPH-GRO (C6-C10)	< 0.22	0.22	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		70-130%
2037-26-5	Toluene-D8	119%		70-130%
460-00-4	4-Bromofluorobenzene	90%		70-130%
17060-07-0	1,2-Dichloroethane-D4	98%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	N24@12'		
Lab Sample ID:	DA78742-11	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	86.8
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G62732.D	1	01/17/26 01:03	ZL	01/16/26 11:00	OP29807	E3G2987
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0045	0.0045	mg/kg	
120-12-7	Anthracene	< 0.0045	0.0045	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0056	0.0056	mg/kg	
205-99-2	Benzo(b)fluoranthene [a]	< 0.0045	0.0045	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0045	0.0045	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0045	0.0045	mg/kg	
218-01-9	Chrysene	< 0.0045	0.0045	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0045	0.0045	mg/kg	
206-44-0	Fluoranthene	< 0.0045	0.0045	mg/kg	
86-73-7	Fluorene	< 0.0045	0.0045	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0045	0.0045	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0045	0.0045	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0045	0.0045	mg/kg	
91-20-3	Naphthalene	< 0.0023	0.0023	mg/kg	
129-00-0	Pyrene	< 0.0045	0.0045	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	102%		22-138%
4165-60-0	Nitrobenzene-d5	118%		32-143%
1718-51-0	Terphenyl-d14	73%		48-149%

(a) Associated CCV outside of control limits high.

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	N24@12'		
Lab Sample ID:	DA78742-11	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	86.8
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FP090136.D	1	01/19/26 13:42	JB	01/16/26 10:30	OP29828	GFP2547
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.6	4.6	mg/kg	
	TPH-ORO (> C28-C36)	< 6.8	6.8	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	103%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	N24@12'		
Lab Sample ID:	DA78742-11A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	86.8
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	54.1	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	16.7	3.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	82.5	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45572

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N24@12'		
Lab Sample ID:	DA78742-11A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	86.8
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	2.51		ratio	1	01/16/26 19:51	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N24@12'		
Lab Sample ID:	DA78742-11B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	86.8
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.25	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45559

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	N24@12'		
Lab Sample ID:	DA78742-11C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	86.8
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	4.7	0.20	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	38.2	2.0	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.10	0.10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	8.2	2.0	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	7.0	0.51	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	7.5	2.0	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.20	0.20	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.10	0.10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	18.9	10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20091
(2) Prep QC Batch: MP45550

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N24@12'		
Lab Sample ID:	DA78742-11C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	86.8
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.96		su	1	01/15/26 12:56	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.81	0.0010	mmhos/cm	1	01/15/26 12:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.48	0.48	mg/kg	1	01/20/26 19:01	AFL	SW846 7199

(a) Sample digested on 19-Jan-2026 at 09:37. Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N25@12'		
Lab Sample ID:	DA78742-12	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	95.1
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	9AV4990.D	1	01/16/26 09:34	MB	n/a	n/a	V9V877
Run #2							

	Initial Weight	Final Volume
Run #1	5.17 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0010	0.0010	mg/kg	
100-41-4	Ethylbenzene	< 0.0020	0.0020	mg/kg	
108-88-3	Toluene	< 0.0020	0.0020	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0020	0.0020	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0020	0.0020	mg/kg	
	m,p-Xylene	< 0.0020	0.0020	mg/kg	
95-47-6	o-Xylene	< 0.0020	0.0020	mg/kg	
1330-20-7	Xylene (total)	< 0.0020	0.0020	mg/kg	
	TPH-GRO (C6-C10)	< 0.20	0.20	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		70-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	96%		70-130%
17060-07-0	1,2-Dichloroethane-D4	104%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	N25@12'		
Lab Sample ID:	DA78742-12	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	95.1
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G62744.D	1	01/17/26 05:26	ZL	01/16/26 11:00	OP29808	E3G2988
Run #2							

	Initial Weight	Final Volume
Run #1	5.0 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0042	0.0042	mg/kg	
120-12-7	Anthracene	< 0.0042	0.0042	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0053	0.0053	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0042	0.0042	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0042	0.0042	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0042	0.0042	mg/kg	
218-01-9	Chrysene	< 0.0042	0.0042	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0042	0.0042	mg/kg	
206-44-0	Fluoranthene	< 0.0042	0.0042	mg/kg	
86-73-7	Fluorene	< 0.0042	0.0042	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0042	0.0042	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0042	0.0042	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0042	0.0042	mg/kg	
91-20-3	Naphthalene	< 0.0021	0.0021	mg/kg	
129-00-0	Pyrene	< 0.0042	0.0042	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	96%		22-138%
4165-60-0	Nitrobenzene-d5	113%		32-143%
1718-51-0	Terphenyl-d14	87%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	N25@12'		
Lab Sample ID:	DA78742-12	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	95.1
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FP090139.D	1	01/19/26 14:22	JB	01/16/26 10:30	OP29828	GFP2547
Run #2							

	Initial Weight	Final Volume
Run #1	5.0 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.2	4.2	mg/kg	
	TPH-ORO (> C28-C36)	< 6.3	6.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	104%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	N25@12'		
Lab Sample ID:	DA78742-12A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	95.1
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	86.3	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	30.1	3.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	141	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45572

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N25@12'		
Lab Sample ID:	DA78742-12A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	95.1
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	3.33		ratio	1	01/16/26 19:52	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N25@12'		
Lab Sample ID:	DA78742-12B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	95.1
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.25	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45558

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N25@12'		
Lab Sample ID:	DA78742-12C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	95.1
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.0	0.20	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	75.0	2.0	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	< 0.10	0.10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	6.3	2.0	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	5.8	0.50	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	5.0	2.0	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.48	0.20	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.10	0.10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	16.6	10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20092
(2) Prep QC Batch: MP45565

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N25@12'		
Lab Sample ID:	DA78742-12C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	95.1
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.90		su	1	01/15/26 12:56	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	1.3	0.0010	mmhos/cm	1	01/15/26 12:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.42	0.42	mg/kg	1	01/20/26 19:22	AFL	SW846 7199

(a) Sample digested on 19-Jan-2026 at 09:37. Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N26@12'		
Lab Sample ID:	DA78742-13	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	94.8
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	9AV4991.D	1	01/16/26 09:58	MB	n/a	n/a	V9V877
Run #2							

	Initial Weight	Final Volume
Run #1	5.13 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0010	0.0010	mg/kg	
100-41-4	Ethylbenzene	< 0.0021	0.0021	mg/kg	
108-88-3	Toluene	< 0.0021	0.0021	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0021	0.0021	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0021	0.0021	mg/kg	
	m,p-Xylene	< 0.0021	0.0021	mg/kg	
95-47-6	o-Xylene	< 0.0021	0.0021	mg/kg	
1330-20-7	Xylene (total)	< 0.0021	0.0021	mg/kg	
	TPH-GRO (C6-C10)	< 0.21	0.21	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		70-130%
2037-26-5	Toluene-D8	105%		70-130%
460-00-4	4-Bromofluorobenzene	97%		70-130%
17060-07-0	1,2-Dichloroethane-D4	100%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	N26@12'		
Lab Sample ID:	DA78742-13	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	94.8
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G62743.D	1	01/17/26 05:04	ZL	01/16/26 11:00	OP29808	E3G2988
Run #2							

	Initial Weight	Final Volume
Run #1	5.0 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0042	0.0042	mg/kg	
120-12-7	Anthracene	< 0.0042	0.0042	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0053	0.0053	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0042	0.0042	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0042	0.0042	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0042	0.0042	mg/kg	
218-01-9	Chrysene	< 0.0042	0.0042	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0042	0.0042	mg/kg	
206-44-0	Fluoranthene	< 0.0042	0.0042	mg/kg	
86-73-7	Fluorene	< 0.0042	0.0042	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0042	0.0042	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0042	0.0042	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0042	0.0042	mg/kg	
91-20-3	Naphthalene	< 0.0021	0.0021	mg/kg	
129-00-0	Pyrene	< 0.0042	0.0042	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	97%		22-138%
4165-60-0	Nitrobenzene-d5	115%		32-143%
1718-51-0	Terphenyl-d14	94%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	N26@12'		
Lab Sample ID:	DA78742-13	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	94.8
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FP090140.D	1	01/19/26 14:35	JB	01/16/26 10:30	OP29828	GFP2547
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.1	4.1	mg/kg	
	TPH-ORO (> C28-C36)	< 6.2	6.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	107%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	N26@12'		
Lab Sample ID:	DA78742-13A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	94.8
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	49.0	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	13.3	3.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	80.4	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45572

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N26@12'		
Lab Sample ID:	DA78742-13A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	94.8
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	2.63		ratio	1	01/16/26 19:54	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N26@12'		
Lab Sample ID:	DA78742-13B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	94.8
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.25	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45558

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	N26@12'		
Lab Sample ID:	DA78742-13C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	94.8
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.2	0.21	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	31.2	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	< 0.10	0.10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	5.5	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	5.2	0.52	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	4.4	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.21	0.21	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.10	0.10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	15.8	10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20092
(2) Prep QC Batch: MP45565

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N26@12'		
Lab Sample ID:	DA78742-13C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	94.8
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	8.01		su	1	01/15/26 12:56	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.70	0.0010	mmhos/cm	1	01/15/26 12:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.42	0.42	mg/kg	1	01/20/26 19:42	AFL	SW846 7199

(a) Sample digested on 19-Jan-2026 at 09:37. Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N27@12'		
Lab Sample ID:	DA78742-14	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	90.8
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	9AV4993.D	1	01/16/26 10:43	MB	n/a	n/a	V9V877
Run #2							

	Initial Weight	Final Volume
Run #1	5.16 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0011	0.0011	mg/kg	
100-41-4	Ethylbenzene	< 0.0021	0.0021	mg/kg	
108-88-3	Toluene	< 0.0021	0.0021	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0021	0.0021	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0021	0.0021	mg/kg	
	m,p-Xylene	< 0.0021	0.0021	mg/kg	
95-47-6	o-Xylene	< 0.0021	0.0021	mg/kg	
1330-20-7	Xylene (total)	< 0.0021	0.0021	mg/kg	
	TPH-GRO (C6-C10)	< 0.21	0.21	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		70-130%
2037-26-5	Toluene-D8	96%		70-130%
460-00-4	4-Bromofluorobenzene	98%		70-130%
17060-07-0	1,2-Dichloroethane-D4	104%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	N27@12'		
Lab Sample ID:	DA78742-14	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	90.8
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G62745.D	1	01/17/26 05:48	ZL	01/16/26 11:00	OP29808	E3G2988
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0042	0.0042	mg/kg	
120-12-7	Anthracene	< 0.0042	0.0042	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0053	0.0053	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0042	0.0042	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0042	0.0042	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0042	0.0042	mg/kg	
218-01-9	Chrysene	< 0.0042	0.0042	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0042	0.0042	mg/kg	
206-44-0	Fluoranthene	< 0.0042	0.0042	mg/kg	
86-73-7	Fluorene	< 0.0042	0.0042	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0042	0.0042	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0042	0.0042	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0042	0.0042	mg/kg	
91-20-3	Naphthalene	< 0.0021	0.0021	mg/kg	
129-00-0	Pyrene	< 0.0042	0.0042	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	105%		22-138%
4165-60-0	Nitrobenzene-d5	116%		32-143%
1718-51-0	Terphenyl-d14	89%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	N27@12'		
Lab Sample ID:	DA78742-14	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	90.8
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FP090141.D	1	01/19/26 14:48	JB	01/16/26 10:30	OP29828	GFP2547
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.4	4.4	mg/kg	
	TPH-ORO (> C28-C36)	< 6.5	6.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	105%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	N27@12'		
Lab Sample ID:	DA78742-14A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	90.8
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	61.0	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	18.6	3.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	101	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45572

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N27@12'		
Lab Sample ID:	DA78742-14A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	90.8
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	2.90		ratio	1	01/16/26 19:55	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N27@12'		
Lab Sample ID:	DA78742-14B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	90.8
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.25	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45558

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N27@12'		
Lab Sample ID:	DA78742-14C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	90.8
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	1.1	0.21	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	31.4	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	< 0.11	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	2.7	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	2.3	0.53	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	< 2.1	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.21	0.21	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.11	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	< 11	11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20092
(2) Prep QC Batch: MP45565

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N27@12'		
Lab Sample ID:	DA78742-14C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	90.8
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	8.07		su	1	01/15/26 12:56	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.91	0.0010	mmhos/cm	1	01/15/26 12:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.43	0.43	mg/kg	1	01/20/26 20:03	AFL	SW846 7199

(a) Sample digested on 19-Jan-2026 at 09:37. Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N28@12'		
Lab Sample ID:	DA78742-15	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	87.5
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	9AV5273.D	1	01/26/26 18:51	MB	n/a	n/a	V9V886
Run #2							

	Initial Weight	Final Volume
Run #1	5.03 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0011	0.0011	mg/kg	
100-41-4	Ethylbenzene	< 0.0023	0.0023	mg/kg	
108-88-3	Toluene	< 0.0023	0.0023	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0023	0.0023	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0023	0.0023	mg/kg	
	m,p-Xylene	< 0.0023	0.0023	mg/kg	
95-47-6	o-Xylene	< 0.0023	0.0023	mg/kg	
1330-20-7	Xylene (total)	< 0.0023	0.0023	mg/kg	
	TPH-GRO (C6-C10)	< 0.23	0.23	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		70-130%
2037-26-5	Toluene-D8	87%		70-130%
460-00-4	4-Bromofluorobenzene	90%		70-130%
17060-07-0	1,2-Dichloroethane-D4	101%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	N28@12'		
Lab Sample ID:	DA78742-15	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	87.5
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G62746.D	1	01/17/26 06:10	ZL	01/16/26 11:00	OP29808	E3G2988
Run #2							

	Initial Weight	Final Volume
Run #1	5.0 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0046	0.0046	mg/kg	
120-12-7	Anthracene	< 0.0046	0.0046	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0057	0.0057	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0046	0.0046	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0046	0.0046	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0046	0.0046	mg/kg	
218-01-9	Chrysene	< 0.0046	0.0046	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0046	0.0046	mg/kg	
206-44-0	Fluoranthene	< 0.0046	0.0046	mg/kg	
86-73-7	Fluorene	< 0.0046	0.0046	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0046	0.0046	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0046	0.0046	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0046	0.0046	mg/kg	
91-20-3	Naphthalene	< 0.0023	0.0023	mg/kg	
129-00-0	Pyrene	< 0.0046	0.0046	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	97%		22-138%
4165-60-0	Nitrobenzene-d5	113%		32-143%
1718-51-0	Terphenyl-d14	80%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	N28@12'		
Lab Sample ID:	DA78742-15	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	87.5
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FP090142.D	1	01/19/26 15:02	JB	01/16/26 10:30	OP29828	GFP2547
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.5	4.5	mg/kg	
	TPH-ORO (> C28-C36)	< 6.7	6.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	105%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	N28@12'		
Lab Sample ID:	DA78742-15A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	87.5
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	47.0	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	14.6	3.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	89.6	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45572

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N28@12'		
Lab Sample ID:	DA78742-15A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	87.5
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	2.93		ratio	1	01/16/26 19:57	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N28@12'		
Lab Sample ID:	DA78742-15B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	87.5
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.25	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45558

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N28@12'		
Lab Sample ID:	DA78742-15C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	87.5
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.1	0.22	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	40.1	2.2	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	< 0.11	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	5.3	2.2	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	5.6	0.54	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	3.1	2.2	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.22	0.22	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.11	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	15.0	11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20092
(2) Prep QC Batch: MP45565

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N28@12'		
Lab Sample ID:	DA78742-15C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	87.5
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	8.04		su	1	01/15/26 12:56	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.77	0.0010	mmhos/cm	1	01/15/26 12:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.46	0.46	mg/kg	1	01/20/26 20:24	AFL	SW846 7199

(a) Sample digested on 19-Jan-2026 at 09:37. Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N29@12'		
Lab Sample ID:	DA78742-16	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	98.6
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	9AV4995.D	1	01/16/26 11:29	MB	n/a	n/a	V9V877
Run #2							

	Initial Weight	Final Volume
Run #1	5.07 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0010	0.0010	mg/kg	
100-41-4	Ethylbenzene	< 0.0020	0.0020	mg/kg	
108-88-3	Toluene	< 0.0020	0.0020	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0020	0.0020	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0020	0.0020	mg/kg	
	m,p-Xylene	< 0.0020	0.0020	mg/kg	
95-47-6	o-Xylene	< 0.0020	0.0020	mg/kg	
1330-20-7	Xylene (total)	< 0.0020	0.0020	mg/kg	
	TPH-GRO (C6-C10)	< 0.20	0.20	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	97%		70-130%
17060-07-0	1,2-Dichloroethane-D4	103%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	N29@12'		
Lab Sample ID:	DA78742-16	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	98.6
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G62747.D	1	01/17/26 06:31	ZL	01/16/26 11:00	OP29808	E3G2988
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0039	0.0039	mg/kg	
120-12-7	Anthracene	< 0.0039	0.0039	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0049	0.0049	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0039	0.0039	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0039	0.0039	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0039	0.0039	mg/kg	
218-01-9	Chrysene	< 0.0039	0.0039	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0039	0.0039	mg/kg	
206-44-0	Fluoranthene	< 0.0039	0.0039	mg/kg	
86-73-7	Fluorene	< 0.0039	0.0039	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0039	0.0039	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0039	0.0039	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0039	0.0039	mg/kg	
91-20-3	Naphthalene	< 0.0020	0.0020	mg/kg	
129-00-0	Pyrene	< 0.0039	0.0039	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	100%		22-138%
4165-60-0	Nitrobenzene-d5	107%		32-143%
1718-51-0	Terphenyl-d14	87%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	N29@12'		
Lab Sample ID:	DA78742-16	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	98.6
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FP090143.D	1	01/19/26 15:15	JB	01/16/26 10:30	OP29828	GFP2547
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.0	4.0	mg/kg	
	TPH-ORO (> C28-C36)	< 6.0	6.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	102%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	N29@12'		
Lab Sample ID:	DA78742-16A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	98.6
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	47.9	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	15.2	3.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	108	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45572

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N29@12'		
Lab Sample ID:	DA78742-16A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	98.6
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	3.48		ratio	1	01/16/26 19:59	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N29@12'		
Lab Sample ID:	DA78742-16B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	98.6
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.25	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45558

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	N29@12'		
Lab Sample ID:	DA78742-16C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	98.6
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.1	0.20	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	31.3	2.0	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	< 0.099	0.099	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	4.9	2.0	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	5.6	0.50	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	3.9	2.0	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.20	0.20	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.099	0.099	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	10.9	9.9	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20092
(2) Prep QC Batch: MP45565

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N29@12'		
Lab Sample ID:	DA78742-16C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	98.6
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	8.08		su	1	01/15/26 12:56	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.90	0.0010	mmhos/cm	1	01/15/26 12:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.42	0.42	mg/kg	1	01/20/26 20:44	AFL	SW846 7199

(a) Sample digested on 19-Jan-2026 at 09:37. Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N30@12'		
Lab Sample ID:	DA78742-17	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	89.7
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V98384.D	1	01/16/26 06:19	MB	n/a	n/a	V5V4634
Run #2							

	Initial Weight	Final Volume
Run #1	5.08 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0011	0.0011	mg/kg	
100-41-4	Ethylbenzene	< 0.0022	0.0022	mg/kg	
108-88-3	Toluene	< 0.0022	0.0022	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0022	0.0022	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0022	0.0022	mg/kg	
	m,p-Xylene	< 0.0022	0.0022	mg/kg	
95-47-6	o-Xylene	< 0.0022	0.0022	mg/kg	
1330-20-7	Xylene (total)	< 0.0022	0.0022	mg/kg	
	TPH-GRO (C6-C10)	< 0.22	0.22	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		70-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	97%		70-130%
17060-07-0	1,2-Dichloroethane-D4	101%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	N30@12'		
Lab Sample ID:	DA78742-17	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	89.7
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G62748.D	1	01/17/26 06:53	ZL	01/16/26 11:00	OP29808	E3G2988
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0044	0.0044	mg/kg	
120-12-7	Anthracene	< 0.0044	0.0044	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0055	0.0055	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0044	0.0044	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0044	0.0044	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0044	0.0044	mg/kg	
218-01-9	Chrysene	< 0.0044	0.0044	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0044	0.0044	mg/kg	
206-44-0	Fluoranthene	< 0.0044	0.0044	mg/kg	
86-73-7	Fluorene	< 0.0044	0.0044	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0044	0.0044	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0044	0.0044	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0044	0.0044	mg/kg	
91-20-3	Naphthalene	< 0.0022	0.0022	mg/kg	
129-00-0	Pyrene	< 0.0044	0.0044	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	104%		22-138%
4165-60-0	Nitrobenzene-d5	116%		32-143%
1718-51-0	Terphenyl-d14	89%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	N30@12'		
Lab Sample ID:	DA78742-17	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	89.7
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FP090144.D	1	01/19/26 15:29	JB	01/16/26 10:30	OP29828	GFP2547
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.4	4.4	mg/kg	
	TPH-ORO (> C28-C36)	< 6.5	6.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	103%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	N30@12'		
Lab Sample ID:	DA78742-17A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	89.7
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	20.3	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	6.09	3.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	127	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45572

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N30@12'		
Lab Sample ID:	DA78742-17A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	89.7
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	6.35		ratio	1	01/16/26 20:00	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N30@12'		
Lab Sample ID:	DA78742-17B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	89.7
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	0.264	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45558

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N30@12'		
Lab Sample ID:	DA78742-17C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	89.7
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	4.0	0.21	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	50.4	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.12	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	9.7	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	8.0	0.54	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	7.3	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.21	0.21	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.11	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	26.0	11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20092
(2) Prep QC Batch: MP45565

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N30@12'		
Lab Sample ID:	DA78742-17C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	89.7
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	8.34		su	1	01/15/26 12:56	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.66	0.0010	mmhos/cm	1	01/15/26 12:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.44	0.44	mg/kg	1	01/20/26 21:05	AFL	SW846 7199

(a) Sample digested on 19-Jan-2026 at 09:37. Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	W16@12'		
Lab Sample ID:	DA78742-18	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	90.2
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V98390.D	1	01/16/26 08:36	MB	n/a	n/a	V5V4634
Run #2							

	Initial Weight	Final Volume
Run #1	5.01 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0011	0.0011	mg/kg	
100-41-4	Ethylbenzene	< 0.0022	0.0022	mg/kg	
108-88-3	Toluene	< 0.0022	0.0022	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0022	0.0022	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0022	0.0022	mg/kg	
	m,p-Xylene	< 0.0022	0.0022	mg/kg	
95-47-6	o-Xylene	< 0.0022	0.0022	mg/kg	
1330-20-7	Xylene (total)	< 0.0022	0.0022	mg/kg	
	TPH-GRO (C6-C10)	< 0.22	0.22	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		70-130%
2037-26-5	Toluene-D8	96%		70-130%
460-00-4	4-Bromofluorobenzene	97%		70-130%
17060-07-0	1,2-Dichloroethane-D4	106%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	W16@12'		
Lab Sample ID:	DA78742-18	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	90.2
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G62749.D	1	01/17/26 07:15	ZL	01/16/26 11:00	OP29808	E3G2988
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0043	0.0043	mg/kg	
120-12-7	Anthracene	< 0.0043	0.0043	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0053	0.0053	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0043	0.0043	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0043	0.0043	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0043	0.0043	mg/kg	
218-01-9	Chrysene	< 0.0043	0.0043	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0043	0.0043	mg/kg	
206-44-0	Fluoranthene	< 0.0043	0.0043	mg/kg	
86-73-7	Fluorene	< 0.0043	0.0043	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0043	0.0043	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0043	0.0043	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0043	0.0043	mg/kg	
91-20-3	Naphthalene	< 0.0021	0.0021	mg/kg	
129-00-0	Pyrene	< 0.0043	0.0043	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	104%		22-138%
4165-60-0	Nitrobenzene-d5	114%		32-143%
1718-51-0	Terphenyl-d14	87%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	W16@12'		
Lab Sample ID:	DA78742-18	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	90.2
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FP090145.D	1	01/19/26 15:42	JB	01/16/26 10:30	OP29828	GFP2547
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.4	4.4	mg/kg	
	TPH-ORO (> C28-C36)	< 6.6	6.6	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	106%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	W16@12'		
Lab Sample ID:	DA78742-18A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	90.2
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	170	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	48.5	3.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	400	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45572

RL = Reporting Limit

Report of Analysis

Client Sample ID:	W16@12'		
Lab Sample ID:	DA78742-18A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	90.2
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	6.96		ratio	1	01/16/26 20:02	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	W16@12'		
Lab Sample ID:	DA78742-18B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	90.2
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	0.292	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45558

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	W16@12'		
Lab Sample ID:	DA78742-18C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	90.2
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.9	0.21	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	68.7	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	< 0.10	0.10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	9.7	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	8.3	0.52	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	7.4	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.21	0.21	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.10	0.10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	26.6	10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20092
(2) Prep QC Batch: MP45565

RL = Reporting Limit

Report of Analysis

Client Sample ID:	W16@12'		
Lab Sample ID:	DA78742-18C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	90.2
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.84		su	1	01/15/26 12:56	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	2.4	0.0010	mmhos/cm	1	01/15/26 12:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.46	0.46	mg/kg	1	01/20/26 21:56	AFL	SW846 7199

(a) Sample digested on 19-Jan-2026 at 09:37. Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	W17@12'		
Lab Sample ID:	DA78742-19	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	91.0
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V98391.D	1	01/16/26 08:59	MB	n/a	n/a	V5V4634
Run #2							

	Initial Weight	Final Volume
Run #1	5.17 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0011	0.0011	mg/kg	
100-41-4	Ethylbenzene	< 0.0021	0.0021	mg/kg	
108-88-3	Toluene	< 0.0021	0.0021	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0021	0.0021	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0021	0.0021	mg/kg	
	m,p-Xylene	< 0.0021	0.0021	mg/kg	
95-47-6	o-Xylene	< 0.0021	0.0021	mg/kg	
1330-20-7	Xylene (total)	< 0.0021	0.0021	mg/kg	
	TPH-GRO (C6-C10)	< 0.21	0.21	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		70-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	97%		70-130%
17060-07-0	1,2-Dichloroethane-D4	101%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	W17@12'		
Lab Sample ID:	DA78742-19	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	91.0
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G62750.D	1	01/17/26 07:37	ZL	01/16/26 11:00	OP29808	E3G2988
Run #2							

	Initial Weight	Final Volume
Run #1	5.0 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0044	0.0044	mg/kg	
120-12-7	Anthracene	< 0.0044	0.0044	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0055	0.0055	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0044	0.0044	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0044	0.0044	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0044	0.0044	mg/kg	
218-01-9	Chrysene	< 0.0044	0.0044	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0044	0.0044	mg/kg	
206-44-0	Fluoranthene	< 0.0044	0.0044	mg/kg	
86-73-7	Fluorene	< 0.0044	0.0044	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0044	0.0044	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0044	0.0044	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0044	0.0044	mg/kg	
91-20-3	Naphthalene	< 0.0022	0.0022	mg/kg	
129-00-0	Pyrene	< 0.0044	0.0044	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	96%		22-138%
4165-60-0	Nitrobenzene-d5	112%		32-143%
1718-51-0	Terphenyl-d14	73%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	W17@12'		
Lab Sample ID:	DA78742-19	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	91.0
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FP090146.D	1	01/19/26 15:55	JB	01/16/26 10:30	OP29828	GFP2547
Run #2							

	Initial Weight	Final Volume
Run #1	5.0 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.4	4.4	mg/kg	
	TPH-ORO (> C28-C36)	< 6.6	6.6	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	104%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	W17@12'		
Lab Sample ID:	DA78742-19A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	91.0
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	49.1	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	12.4	3.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	188	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45572

RL = Reporting Limit

Report of Analysis

Client Sample ID:	W17@12'		
Lab Sample ID:	DA78742-19A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	91.0
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	6.20		ratio	1	01/16/26 20:03	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	W17@12'		
Lab Sample ID:	DA78742-19B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	91.0
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.25	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45558

RL = Reporting Limit

Report of Analysis

Client Sample ID:	W17@12'		
Lab Sample ID:	DA78742-19C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	91.0
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.9	0.21	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	362	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	< 0.11	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	6.8	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	5.7	0.53	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	4.6	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.21	0.21	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.11	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	17.8	11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20092
(2) Prep QC Batch: MP45565

RL = Reporting Limit

Report of Analysis

Client Sample ID:	W17@12'		
Lab Sample ID:	DA78742-19C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	91.0
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	8.06		su	1	01/15/26 12:56	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	1.2	0.0010	mmhos/cm	1	01/15/26 12:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.42	0.42	mg/kg	1	01/20/26 22:18	AFL	SW846 7199

(a) Sample digested on 19-Jan-2026 at 09:37. Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	W18@12'		
Lab Sample ID:	DA78742-20	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	90.2
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V98392.D	1	01/16/26 09:22	MB	n/a	n/a	V5V4634
Run #2							

	Initial Weight	Final Volume
Run #1	5.03 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0011	0.0011	mg/kg	
100-41-4	Ethylbenzene	< 0.0022	0.0022	mg/kg	
108-88-3	Toluene	< 0.0022	0.0022	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0022	0.0022	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0022	0.0022	mg/kg	
	m,p-Xylene	< 0.0022	0.0022	mg/kg	
95-47-6	o-Xylene	< 0.0022	0.0022	mg/kg	
1330-20-7	Xylene (total)	< 0.0022	0.0022	mg/kg	
	TPH-GRO (C6-C10)	< 0.22	0.22	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		70-130%
2037-26-5	Toluene-D8	95%		70-130%
460-00-4	4-Bromofluorobenzene	95%		70-130%
17060-07-0	1,2-Dichloroethane-D4	111%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	W18@12'		
Lab Sample ID:	DA78742-20	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	90.2
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G62751.D	1	01/17/26 07:59	ZL	01/16/26 11:00	OP29808	E3G2988
Run #2							

	Initial Weight	Final Volume
Run #1	5.0 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0044	0.0044	mg/kg	
120-12-7	Anthracene	< 0.0044	0.0044	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0055	0.0055	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0044	0.0044	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0044	0.0044	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0044	0.0044	mg/kg	
218-01-9	Chrysene	< 0.0044	0.0044	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0044	0.0044	mg/kg	
206-44-0	Fluoranthene	< 0.0044	0.0044	mg/kg	
86-73-7	Fluorene	< 0.0044	0.0044	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0044	0.0044	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0044	0.0044	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0044	0.0044	mg/kg	
91-20-3	Naphthalene	< 0.0022	0.0022	mg/kg	
129-00-0	Pyrene	< 0.0044	0.0044	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	106%		22-138%
4165-60-0	Nitrobenzene-d5	115%		32-143%
1718-51-0	Terphenyl-d14	93%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	W18@12'		
Lab Sample ID:	DA78742-20	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	90.2
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FP090147.D	1	01/19/26 16:08	JB	01/16/26 10:30	OP29828	GFP2547
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.3	4.3	mg/kg	
	TPH-ORO (> C28-C36)	< 6.5	6.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	109%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	W18@12'		
Lab Sample ID:	DA78742-20A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	90.2
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	59.4	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	15.0	3.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	185	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45572

RL = Reporting Limit

Report of Analysis

Client Sample ID:	W18@12'		
Lab Sample ID:	DA78742-20A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	90.2
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	5.55		ratio	1	01/16/26 20:08	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	W18@12'		
Lab Sample ID:	DA78742-20B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	90.2
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	0.277	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45558

RL = Reporting Limit

Report of Analysis

Client Sample ID:	W18@12'		
Lab Sample ID:	DA78742-20C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	90.2
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	4.8	0.21	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	168	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.11	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	10.8	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	9.6	0.53	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	9.2	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.21	0.21	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.11	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	30.7	11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20092
(2) Prep QC Batch: MP45565

RL = Reporting Limit

Report of Analysis

Client Sample ID:	W18@12'		
Lab Sample ID:	DA78742-20C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	90.2
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	8.02		su	1	01/15/26 12:56	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	1.1	0.0010	mmhos/cm	1	01/15/26 12:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.44	0.44	mg/kg	1	01/20/26 22:39	AFL	SW846 7199

(a) Sample digested on 19-Jan-2026 at 09:37. Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	W19@12'		
Lab Sample ID:	DA78742-21	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	92.6
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V98393.D	1	01/16/26 09:57	MB	n/a	n/a	V5V4634
Run #2							

	Initial Weight	Final Volume
Run #1	5.23 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0010	0.0010	mg/kg	
100-41-4	Ethylbenzene	< 0.0021	0.0021	mg/kg	
108-88-3	Toluene	< 0.0021	0.0021	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0021	0.0021	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0021	0.0021	mg/kg	
	m,p-Xylene	< 0.0021	0.0021	mg/kg	
95-47-6	o-Xylene	< 0.0021	0.0021	mg/kg	
1330-20-7	Xylene (total)	< 0.0021	0.0021	mg/kg	
	TPH-GRO (C6-C10)	< 0.21	0.21	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		70-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	97%		70-130%
17060-07-0	1,2-Dichloroethane-D4	102%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	W19@12'		
Lab Sample ID:	DA78742-21	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	92.6
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G62752.D	1	01/17/26 08:21	ZL	01/16/26 11:00	OP29808	E3G2988
Run #2							

	Initial Weight	Final Volume
Run #1	5.0 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0043	0.0043	mg/kg	
120-12-7	Anthracene	< 0.0043	0.0043	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0054	0.0054	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0043	0.0043	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0043	0.0043	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0043	0.0043	mg/kg	
218-01-9	Chrysene	< 0.0043	0.0043	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0043	0.0043	mg/kg	
206-44-0	Fluoranthene	< 0.0043	0.0043	mg/kg	
86-73-7	Fluorene	< 0.0043	0.0043	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0043	0.0043	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0043	0.0043	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0043	0.0043	mg/kg	
91-20-3	Naphthalene	< 0.0022	0.0022	mg/kg	
129-00-0	Pyrene	< 0.0043	0.0043	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	90%		22-138%
4165-60-0	Nitrobenzene-d5	107%		32-143%
1718-51-0	Terphenyl-d14	75%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	W19@12'		
Lab Sample ID:	DA78742-21	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	92.6
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FP090148.D	1	01/19/26 16:22	JB	01/16/26 10:30	OP29828	GFP2547
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.3	4.3	mg/kg	
	TPH-ORO (> C28-C36)	< 6.4	6.4	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	99%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	W19@12'		
Lab Sample ID:	DA78742-21A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	92.6
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	80.8	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	20.6	3.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	172	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45572

RL = Reporting Limit

Report of Analysis

Client Sample ID:	W19@12'		
Lab Sample ID:	DA78742-21A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	92.6
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	4.42		ratio	1	01/16/26 20:10	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	W19@12'		
Lab Sample ID:	DA78742-21B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	92.6
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.25	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45558

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	W19@12'		
Lab Sample ID:	DA78742-21C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	92.6
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.1	0.21	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	73.8	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	< 0.10	0.10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	8.2	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	6.6	0.51	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	5.6	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.21	0.21	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.10	0.10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	20.1	10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20092
(2) Prep QC Batch: MP45565

RL = Reporting Limit

Report of Analysis

Client Sample ID:	W19@12'		
Lab Sample ID:	DA78742-21C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	92.6
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	8.02		su	1	01/15/26 12:56	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	1.3	0.0010	mmhos/cm	1	01/15/26 12:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.43	0.43	mg/kg	1	01/20/26 22:59	AFL	SW846 7199

(a) Sample digested on 19-Jan-2026 at 09:37. Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	W20@12'		
Lab Sample ID:	DA78742-22	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	93.6
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V98385.D	1	01/16/26 06:42	MB	n/a	n/a	V5V4634
Run #2							

	Initial Weight	Final Volume
Run #1	5.10 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0010	0.0010	mg/kg	
100-41-4	Ethylbenzene	< 0.0021	0.0021	mg/kg	
108-88-3	Toluene	< 0.0021	0.0021	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0021	0.0021	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0021	0.0021	mg/kg	
	m,p-Xylene	< 0.0021	0.0021	mg/kg	
95-47-6	o-Xylene	< 0.0021	0.0021	mg/kg	
1330-20-7	Xylene (total)	< 0.0021	0.0021	mg/kg	
	TPH-GRO (C6-C10)	< 0.21	0.21	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	97%		70-130%
17060-07-0	1,2-Dichloroethane-D4	104%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	W20@12'		
Lab Sample ID:	DA78742-22	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	93.6
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G62753.D	1	01/17/26 08:42	ZL	01/16/26 11:00	OP29808	E3G2988
Run #2							

	Initial Weight	Final Volume
Run #1	5.3 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0040	0.0040	mg/kg	
120-12-7	Anthracene	< 0.0040	0.0040	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0050	0.0050	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0040	0.0040	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0040	0.0040	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0040	0.0040	mg/kg	
218-01-9	Chrysene	< 0.0040	0.0040	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0040	0.0040	mg/kg	
206-44-0	Fluoranthene	< 0.0040	0.0040	mg/kg	
86-73-7	Fluorene	< 0.0040	0.0040	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0040	0.0040	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0040	0.0040	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0040	0.0040	mg/kg	
91-20-3	Naphthalene	< 0.0020	0.0020	mg/kg	
129-00-0	Pyrene	< 0.0040	0.0040	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	120%		22-138%
4165-60-0	Nitrobenzene-d5	134%		32-143%
1718-51-0	Terphenyl-d14	109%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	W20@12'		
Lab Sample ID:	DA78742-22	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	93.6
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FP090149.D	1	01/19/26 16:35	JB	01/16/26 10:30	OP29828	GFP2547
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.2	4.2	mg/kg	
	TPH-ORO (> C28-C36)	< 6.3	6.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	105%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	W20@12'		
Lab Sample ID:	DA78742-22A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	93.6
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	102	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	26.6	3.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	217	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45572

RL = Reporting Limit

Report of Analysis

Client Sample ID:	W20@12'		
Lab Sample ID:	DA78742-22A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	93.6
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	4.95		ratio	1	01/16/26 20:11	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	W20@12'		
Lab Sample ID:	DA78742-22B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	93.6
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.25	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45558

RL = Reporting Limit

Report of Analysis

Client Sample ID:	W20@12'		
Lab Sample ID:	DA78742-22C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	93.6
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.2	0.20	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	66.6	2.0	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	< 0.099	0.099	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	6.0	2.0	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	4.9	0.49	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	4.4	2.0	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.20	0.20	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.099	0.099	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	14.1	9.9	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20092
(2) Prep QC Batch: MP45565

RL = Reporting Limit

Report of Analysis

Client Sample ID:	W20@12'		
Lab Sample ID:	DA78742-22C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	93.6
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.96		su	1	01/15/26 12:56	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	1.6	0.0010	mmhos/cm	1	01/15/26 12:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.44	0.44	mg/kg	1	01/20/26 23:20	AFL	SW846 7199

(a) Sample digested on 19-Jan-2026 at 09:37. Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S13@12'		
Lab Sample ID:	DA78742-23	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	88.2
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V98394.D	1	01/16/26 10:20	MB	n/a	n/a	V5V4634
Run #2							

	Initial Weight	Final Volume
Run #1	5.34 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0011	0.0011	mg/kg	
100-41-4	Ethylbenzene	< 0.0021	0.0021	mg/kg	
108-88-3	Toluene	< 0.0021	0.0021	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0021	0.0021	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0021	0.0021	mg/kg	
	m,p-Xylene	< 0.0021	0.0021	mg/kg	
95-47-6	o-Xylene	< 0.0021	0.0021	mg/kg	
1330-20-7	Xylene (total)	< 0.0021	0.0021	mg/kg	
	TPH-GRO (C6-C10)	< 0.21	0.21	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		70-130%
2037-26-5	Toluene-D8	95%		70-130%
460-00-4	4-Bromofluorobenzene	98%		70-130%
17060-07-0	1,2-Dichloroethane-D4	102%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	S13@12'		
Lab Sample ID:	DA78742-23	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	88.2
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G62754.D	1	01/17/26 09:04	ZL	01/16/26 11:00	OP29808	E3G2988
Run #2							

	Initial Weight	Final Volume
Run #1	5.3 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0043	0.0043	mg/kg	
120-12-7	Anthracene	< 0.0043	0.0043	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0053	0.0053	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0043	0.0043	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0043	0.0043	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0043	0.0043	mg/kg	
218-01-9	Chrysene	< 0.0043	0.0043	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0043	0.0043	mg/kg	
206-44-0	Fluoranthene	< 0.0043	0.0043	mg/kg	
86-73-7	Fluorene	< 0.0043	0.0043	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0043	0.0043	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0043	0.0043	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0043	0.0043	mg/kg	
91-20-3	Naphthalene	< 0.0021	0.0021	mg/kg	
129-00-0	Pyrene	< 0.0043	0.0043	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	105%		22-138%
4165-60-0	Nitrobenzene-d5	119%		32-143%
1718-51-0	Terphenyl-d14	94%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	S13@12'		
Lab Sample ID:	DA78742-23	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	88.2
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FP090150.D	1	01/19/26 16:49	JB	01/16/26 10:30	OP29828	GFP2547
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.5	4.5	mg/kg	
	TPH-ORO (> C28-C36)	< 6.7	6.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	106%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	S13@12'		
Lab Sample ID:	DA78742-23A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	88.2
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	272	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	73.7	3.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	348	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45572

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S13@12'		
Lab Sample ID:	DA78742-23A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	88.2
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	4.83		ratio	1	01/16/26 20:13	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S13@12'		
Lab Sample ID:	DA78742-23B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	88.2
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.25	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45558

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S13@12'		
Lab Sample ID:	DA78742-23C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	88.2
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	4.1	0.22	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	97.3	2.2	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	< 0.11	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	7.7	2.2	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	6.9	0.56	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	6.1	2.2	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.22	0.22	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.11	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	20.5	11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20092
(2) Prep QC Batch: MP45565

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S13@12'		
Lab Sample ID:	DA78742-23C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	88.2
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.67		su	1	01/15/26 12:56	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	3.3	0.0010	mmhos/cm	1	01/15/26 12:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.45	0.45	mg/kg	1	01/20/26 23:41	AFL	SW846 7199

(a) Sample digested on 19-Jan-2026 at 09:37. Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S14@12'		
Lab Sample ID:	DA78742-24	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	95.9
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V98395.D	1	01/16/26 10:43	MB	n/a	n/a	V5V4634
Run #2							

	Initial Weight	Final Volume
Run #1	5.35 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00097	0.00097	mg/kg	
100-41-4	Ethylbenzene	< 0.0019	0.0019	mg/kg	
108-88-3	Toluene	< 0.0019	0.0019	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0019	0.0019	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0019	0.0019	mg/kg	
	m,p-Xylene	< 0.0019	0.0019	mg/kg	
95-47-6	o-Xylene	< 0.0019	0.0019	mg/kg	
1330-20-7	Xylene (total)	< 0.0019	0.0019	mg/kg	
	TPH-GRO (C6-C10)	< 0.19	0.19	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		70-130%
2037-26-5	Toluene-D8	96%		70-130%
460-00-4	4-Bromofluorobenzene	96%		70-130%
17060-07-0	1,2-Dichloroethane-D4	104%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	S14@12'		
Lab Sample ID:	DA78742-24	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	95.9
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G62755.D	1	01/17/26 09:26	ZL	01/16/26 11:00	OP29808	E3G2988
Run #2							

	Initial Weight	Final Volume
Run #1	5.3 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0039	0.0039	mg/kg	
120-12-7	Anthracene	< 0.0039	0.0039	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0049	0.0049	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0039	0.0039	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0039	0.0039	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0039	0.0039	mg/kg	
218-01-9	Chrysene	< 0.0039	0.0039	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0039	0.0039	mg/kg	
206-44-0	Fluoranthene	< 0.0039	0.0039	mg/kg	
86-73-7	Fluorene	< 0.0039	0.0039	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0039	0.0039	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0039	0.0039	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0039	0.0039	mg/kg	
91-20-3	Naphthalene	< 0.0020	0.0020	mg/kg	
129-00-0	Pyrene	< 0.0039	0.0039	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	94%		22-138%
4165-60-0	Nitrobenzene-d5	104%		32-143%
1718-51-0	Terphenyl-d14	78%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	S14@12'		
Lab Sample ID:	DA78742-24	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	95.9
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FP090151.D	1	01/19/26 17:02	JB	01/16/26 10:30	OP29828	GFP2547
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.1	4.1	mg/kg	
	TPH-ORO (> C28-C36)	< 6.2	6.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	103%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	S14@12'		
Lab Sample ID:	DA78742-24A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	95.9
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	54.3	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	15.2	3.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	719	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45572

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S14@12'		
Lab Sample ID:	DA78742-24A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	95.9
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	22.2		ratio	1	01/16/26 20:15	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S14@12'		
Lab Sample ID:	DA78742-24B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	95.9
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	0.399	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45558

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S14@12'		
Lab Sample ID:	DA78742-24C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	95.9
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	1.6	0.21	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	16.6	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	< 0.10	0.10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	3.5	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	3.8	0.52	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	2.7	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.21	0.21	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.10	0.10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	< 10	10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20092
(2) Prep QC Batch: MP45565

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S14@12'		
Lab Sample ID:	DA78742-24C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	95.9
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.89		su	1	01/15/26 12:56	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	3.3	0.0010	mmhos/cm	1	01/15/26 12:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.41	0.41	mg/kg	1	01/21/26 00:01	AFL	SW846 7199

(a) Sample digested on 19-Jan-2026 at 09:37. Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S15@12'		
Lab Sample ID:	DA78742-25	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	95.0
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V98396.D	1	01/16/26 11:06	MB	n/a	n/a	V5V4634
Run #2							

	Initial Weight	Final Volume
Run #1	5.22 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0010	0.0010	mg/kg	
100-41-4	Ethylbenzene	< 0.0020	0.0020	mg/kg	
108-88-3	Toluene	< 0.0020	0.0020	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0020	0.0020	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0020	0.0020	mg/kg	
	m,p-Xylene	< 0.0020	0.0020	mg/kg	
95-47-6	o-Xylene	< 0.0020	0.0020	mg/kg	
1330-20-7	Xylene (total)	< 0.0020	0.0020	mg/kg	
	TPH-GRO (C6-C10)	< 0.20	0.20	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		70-130%
2037-26-5	Toluene-D8	96%		70-130%
460-00-4	4-Bromofluorobenzene	95%		70-130%
17060-07-0	1,2-Dichloroethane-D4	114%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	S15@12'		
Lab Sample ID:	DA78742-25	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	95.0
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G62756.D	1	01/17/26 09:48	ZL	01/16/26 11:00	OP29808	E3G2988
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0041	0.0041	mg/kg	
120-12-7	Anthracene	< 0.0041	0.0041	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0052	0.0052	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0041	0.0041	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0041	0.0041	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0041	0.0041	mg/kg	
218-01-9	Chrysene	< 0.0041	0.0041	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0041	0.0041	mg/kg	
206-44-0	Fluoranthene	< 0.0041	0.0041	mg/kg	
86-73-7	Fluorene	< 0.0041	0.0041	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0041	0.0041	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0041	0.0041	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0041	0.0041	mg/kg	
91-20-3	Naphthalene	< 0.0021	0.0021	mg/kg	
129-00-0	Pyrene	< 0.0041	0.0041	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	91%		22-138%
4165-60-0	Nitrobenzene-d5	107%		32-143%
1718-51-0	Terphenyl-d14	76%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	S15@12'		
Lab Sample ID:	DA78742-25	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	95.0
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FN99551.D	1	01/17/26 01:43	JB	01/15/26 12:00	OP29819	GFN606
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.1	4.1	mg/kg	
	TPH-ORO (> C28-C36)	< 6.2	6.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	125%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	S15@12'		
Lab Sample ID:	DA78742-25A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	95.0
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	220	6.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	193	3.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	805	6.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20096
(2) Prep QC Batch: MP45578

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S15@12'		
Lab Sample ID:	DA78742-25A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	95.0
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	9.56		ratio	1	01/19/26 10:58	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S15@12'		
Lab Sample ID:	DA78742-25B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	95.0
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	1.09	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45558

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	S15@12'		
Lab Sample ID:	DA78742-25C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	95.0
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	1.3	0.20	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	77.6	2.0	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	< 0.099	0.099	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	2.2	2.0	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	2.9	0.50	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	< 2.0	2.0	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.20	0.20	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.099	0.099	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	< 9.9	9.9	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20092
(2) Prep QC Batch: MP45565

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S15@12'		
Lab Sample ID:	DA78742-25C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	95.0
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	8.53		su	1	01/15/26 12:56	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	2.0	0.0010	mmhos/cm	1	01/15/26 12:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.44	0.44	mg/kg	1	01/21/26 01:44	AFL	SW846 7199

(a) Sample digested on 19-Jan-2026 at 09:37. Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S16@12'		
Lab Sample ID:	DA78742-26	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	95.4
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V98397.D	1	01/16/26 11:29	MB	n/a	n/a	V5V4634
Run #2							

	Initial Weight	Final Volume
Run #1	5.43 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00097	0.00097	mg/kg	
100-41-4	Ethylbenzene	< 0.0019	0.0019	mg/kg	
108-88-3	Toluene	< 0.0019	0.0019	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0019	0.0019	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0019	0.0019	mg/kg	
	m,p-Xylene	< 0.0019	0.0019	mg/kg	
95-47-6	o-Xylene	< 0.0019	0.0019	mg/kg	
1330-20-7	Xylene (total)	< 0.0019	0.0019	mg/kg	
	TPH-GRO (C6-C10)	< 0.19	0.19	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	97%		70-130%
17060-07-0	1,2-Dichloroethane-D4	103%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	S16@12'		
Lab Sample ID:	DA78742-26	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	95.4
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G62757.D	1	01/17/26 10:10	ZL	01/16/26 11:00	OP29808	E3G2988
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0041	0.0041	mg/kg	
120-12-7	Anthracene	< 0.0041	0.0041	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0051	0.0051	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0041	0.0041	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0041	0.0041	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0041	0.0041	mg/kg	
218-01-9	Chrysene	< 0.0041	0.0041	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0041	0.0041	mg/kg	
206-44-0	Fluoranthene	< 0.0041	0.0041	mg/kg	
86-73-7	Fluorene	< 0.0041	0.0041	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0041	0.0041	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0041	0.0041	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0041	0.0041	mg/kg	
91-20-3	Naphthalene	< 0.0021	0.0021	mg/kg	
129-00-0	Pyrene	< 0.0041	0.0041	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	99%		22-138%
4165-60-0	Nitrobenzene-d5	117%		32-143%
1718-51-0	Terphenyl-d14	89%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	S16@12'		
Lab Sample ID:	DA78742-26	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	95.4
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FN99552.D	1	01/17/26 01:57	JB	01/15/26 12:00	OP29819	GFN606
Run #2							

	Initial Weight	Final Volume
Run #1	5.3 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.0	4.0	mg/kg	
	TPH-ORO (> C28-C36)	< 6.0	6.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	124%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	S16@12'		
Lab Sample ID:	DA78742-26A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	95.4
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	151	6.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	41.6	3.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	440	6.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20096
(2) Prep QC Batch: MP45578

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S16@12'		
Lab Sample ID:	DA78742-26A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	95.4
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	8.17		ratio	1	01/19/26 11:05	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S16@12'		
Lab Sample ID:	DA78742-26B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	95.4
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.25	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45558

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	S16@12'		
Lab Sample ID:	DA78742-26C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	95.4
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	1.8	0.21	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	23.7	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	< 0.10	0.10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	3.6	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	4.7	0.51	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	2.5	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.21	0.21	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.10	0.10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	< 10	10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20092
(2) Prep QC Batch: MP45565

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	S16@12'		
Lab Sample ID:	DA78742-26C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	95.4
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.74		su	1	01/15/26 12:56	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	3.3	0.0010	mmhos/cm	1	01/15/26 12:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.43	0.43	mg/kg	1	01/21/26 03:26	AFL	SW846 7199

(a) Sample digested on 19-Jan-2026 at 09:37. Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S17@12'		
Lab Sample ID:	DA78742-27	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	91.1
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V98398.D	1	01/16/26 11:52	MB	n/a	n/a	V5V4634
Run #2							

	Initial Weight	Final Volume
Run #1	5.07 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0011	0.0011	mg/kg	
100-41-4	Ethylbenzene	< 0.0022	0.0022	mg/kg	
108-88-3	Toluene	< 0.0022	0.0022	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0022	0.0022	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0022	0.0022	mg/kg	
	m,p-Xylene	< 0.0022	0.0022	mg/kg	
95-47-6	o-Xylene	< 0.0022	0.0022	mg/kg	
1330-20-7	Xylene (total)	< 0.0022	0.0022	mg/kg	
	TPH-GRO (C6-C10)	< 0.22	0.22	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		70-130%
2037-26-5	Toluene-D8	95%		70-130%
460-00-4	4-Bromofluorobenzene	96%		70-130%
17060-07-0	1,2-Dichloroethane-D4	105%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	S17@12'		
Lab Sample ID:	DA78742-27	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	91.1
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G62758.D	1	01/17/26 10:31	ZL	01/16/26 11:00	OP29808	E3G2988
Run #2							

	Initial Weight	Final Volume
Run #1	5.0 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0044	0.0044	mg/kg	
120-12-7	Anthracene	< 0.0044	0.0044	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0055	0.0055	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0044	0.0044	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0044	0.0044	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0044	0.0044	mg/kg	
218-01-9	Chrysene	< 0.0044	0.0044	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0044	0.0044	mg/kg	
206-44-0	Fluoranthene	< 0.0044	0.0044	mg/kg	
86-73-7	Fluorene	< 0.0044	0.0044	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0044	0.0044	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0044	0.0044	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0044	0.0044	mg/kg	
91-20-3	Naphthalene	< 0.0022	0.0022	mg/kg	
129-00-0	Pyrene	< 0.0044	0.0044	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	103%		22-138%
4165-60-0	Nitrobenzene-d5	113%		32-143%
1718-51-0	Terphenyl-d14	79%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	S17@12'		
Lab Sample ID:	DA78742-27	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	91.1
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FN99553.D	1	01/17/26 02:10	JB	01/15/26 12:00	OP29819	GFN606
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.3	4.3	mg/kg	
	TPH-ORO (> C28-C36)	< 6.5	6.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	125%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	S17@12'		
Lab Sample ID:	DA78742-27A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	91.1
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	118	6.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	32.0	3.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	87.0	6.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20096
(2) Prep QC Batch: MP45578

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S17@12'		
Lab Sample ID:	DA78742-27A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	91.1
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	1.83		ratio	1	01/19/26 11:07	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S17@12'		
Lab Sample ID:	DA78742-27B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	91.1
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.25	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45558

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	S17@12'		
Lab Sample ID:	DA78742-27C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	91.1
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.7	0.21	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	25.3	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	< 0.10	0.10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	7.7	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	8.8	0.52	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	5.1	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.21	0.21	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.10	0.10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	18.5	10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20092
(2) Prep QC Batch: MP45565

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	S17@12'		
Lab Sample ID:	DA78742-27C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	91.1
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.72		su	1	01/15/26 12:56	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	1.4	0.0010	mmhos/cm	1	01/15/26 12:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.44	0.44	mg/kg	1	01/21/26 03:46	AFL	SW846 7199

(a) Sample digested on 19-Jan-2026 at 09:37. Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S18@12'		
Lab Sample ID:	DA78742-28	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	88.1
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V98399.D	1	01/16/26 12:15	MB	n/a	n/a	V5V4634
Run #2							

	Initial Weight	Final Volume
Run #1	5.14 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0011	0.0011	mg/kg	
100-41-4	Ethylbenzene	< 0.0022	0.0022	mg/kg	
108-88-3	Toluene	< 0.0022	0.0022	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0022	0.0022	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0022	0.0022	mg/kg	
	m,p-Xylene	< 0.0022	0.0022	mg/kg	
95-47-6	o-Xylene	< 0.0022	0.0022	mg/kg	
1330-20-7	Xylene (total)	< 0.0022	0.0022	mg/kg	
	TPH-GRO (C6-C10)	< 0.22	0.22	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		70-130%
2037-26-5	Toluene-D8	96%		70-130%
460-00-4	4-Bromofluorobenzene	96%		70-130%
17060-07-0	1,2-Dichloroethane-D4	106%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	S18@12'		
Lab Sample ID:	DA78742-28	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	88.1
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G62759.D	1	01/17/26 10:53	ZL	01/16/26 11:00	OP29808	E3G2988
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0044	0.0044	mg/kg	
120-12-7	Anthracene	< 0.0044	0.0044	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0055	0.0055	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0044	0.0044	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0044	0.0044	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0044	0.0044	mg/kg	
218-01-9	Chrysene	< 0.0044	0.0044	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0044	0.0044	mg/kg	
206-44-0	Fluoranthene	< 0.0044	0.0044	mg/kg	
86-73-7	Fluorene	< 0.0044	0.0044	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0044	0.0044	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0044	0.0044	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0044	0.0044	mg/kg	
91-20-3	Naphthalene	< 0.0022	0.0022	mg/kg	
129-00-0	Pyrene	< 0.0044	0.0044	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	102%		22-138%
4165-60-0	Nitrobenzene-d5	111%		32-143%
1718-51-0	Terphenyl-d14	70%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	S18@12'		
Lab Sample ID:	DA78742-28	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	88.1
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FN99554.D	1	01/17/26 02:24	JB	01/15/26 12:00	OP29819	GFN606
Run #2							

	Initial Weight	Final Volume
Run #1	5.3 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.3	4.3	mg/kg	
	TPH-ORO (> C28-C36)	< 6.5	6.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	113%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	S18@12'		
Lab Sample ID:	DA78742-28A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	88.1
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	76.0	6.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	22.6	3.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	46.4	6.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20096
(2) Prep QC Batch: MP45578

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S18@12'		
Lab Sample ID:	DA78742-28A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	88.1
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	1.20		ratio	1	01/19/26 11:08	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S18@12'		
Lab Sample ID:	DA78742-28B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	88.1
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.25	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45558

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	S18@12'		
Lab Sample ID:	DA78742-28C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	88.1
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.7	0.22	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	30.5	2.2	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	< 0.11	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	8.2	2.2	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	8.1	0.56	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	6.2	2.2	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.22	0.22	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.11	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	20.4	11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20092
(2) Prep QC Batch: MP45565

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S18@12'		
Lab Sample ID:	DA78742-28C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	88.1
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.93		su	1	01/15/26 12:56	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.90	0.0010	mmhos/cm	1	01/15/26 12:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.44	0.44	mg/kg	1	01/21/26 04:27	AFL	SW846 7199

(a) Sample digested on 19-Jan-2026 at 09:37. Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S19@12'		
Lab Sample ID:	DA78742-29	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	95.3
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V98400.D	1	01/16/26 12:38	MB	n/a	n/a	V5V4634
Run #2							

	Initial Weight	Final Volume
Run #1	5.28 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00099	0.00099	mg/kg	
100-41-4	Ethylbenzene	< 0.0020	0.0020	mg/kg	
108-88-3	Toluene	< 0.0020	0.0020	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0020	0.0020	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0020	0.0020	mg/kg	
	m,p-Xylene	< 0.0020	0.0020	mg/kg	
95-47-6	o-Xylene	< 0.0020	0.0020	mg/kg	
1330-20-7	Xylene (total)	< 0.0020	0.0020	mg/kg	
	TPH-GRO (C6-C10)	< 0.20	0.20	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	96%		70-130%
17060-07-0	1,2-Dichloroethane-D4	104%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	S19@12'		
Lab Sample ID:	DA78742-29	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	95.3
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G62760.D	1	01/17/26 11:15	ZL	01/16/26 11:00	OP29808	E3G2988
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0041	0.0041	mg/kg	
120-12-7	Anthracene	< 0.0041	0.0041	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0051	0.0051	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0041	0.0041	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0041	0.0041	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0041	0.0041	mg/kg	
218-01-9	Chrysene	< 0.0041	0.0041	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0041	0.0041	mg/kg	
206-44-0	Fluoranthene	< 0.0041	0.0041	mg/kg	
86-73-7	Fluorene	< 0.0041	0.0041	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0041	0.0041	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0041	0.0041	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0041	0.0041	mg/kg	
91-20-3	Naphthalene	< 0.0021	0.0021	mg/kg	
129-00-0	Pyrene	< 0.0041	0.0041	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	95%		22-138%
4165-60-0	Nitrobenzene-d5	101%		32-143%
1718-51-0	Terphenyl-d14	90%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	S19@12'		
Lab Sample ID:	DA78742-29	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	95.3
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FN99555.D	1	01/17/26 02:38	JB	01/15/26 12:00	OP29819	GFN606
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.1	4.1	mg/kg	
	TPH-ORO (> C28-C36)	< 6.1	6.1	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	143%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	S19@12'		
Lab Sample ID:	DA78742-29A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	95.3
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	30.4	6.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	8.71	3.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	64.8	6.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20096
(2) Prep QC Batch: MP45578

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S19@12'		
Lab Sample ID:	DA78742-29A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	95.3
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	2.67		ratio	1	01/19/26 11:10	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S19@12'		
Lab Sample ID:	DA78742-29B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	95.3
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.25	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45558

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S19@12'		
Lab Sample ID:	DA78742-29C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	95.3
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.2	0.20	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	12.6	2.0	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	< 0.10	0.10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	4.5	2.0	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	1.9	0.50	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	3.5	2.0	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.20	0.20	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.10	0.10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	12.6	10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20092
(2) Prep QC Batch: MP45565

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S19@12'		
Lab Sample ID:	DA78742-29C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	95.3
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	8.03		su	1	01/15/26 12:56	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.60	0.0010	mmhos/cm	1	01/15/26 12:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.43	0.43	mg/kg	1	01/21/26 04:47	AFL	SW846 7199

(a) Sample digested on 19-Jan-2026 at 09:37. Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S20@12'		
Lab Sample ID:	DA78742-30	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	90.2
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V98401.D	1	01/16/26 13:01	MB	n/a	n/a	V5V4634
Run #2							

	Initial Weight	Final Volume
Run #1	5.32 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0010	0.0010	mg/kg	
100-41-4	Ethylbenzene	< 0.0021	0.0021	mg/kg	
108-88-3	Toluene	< 0.0021	0.0021	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0021	0.0021	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0021	0.0021	mg/kg	
	m,p-Xylene	< 0.0021	0.0021	mg/kg	
95-47-6	o-Xylene	< 0.0021	0.0021	mg/kg	
1330-20-7	Xylene (total)	< 0.0021	0.0021	mg/kg	
	TPH-GRO (C6-C10)	< 0.21	0.21	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		70-130%
2037-26-5	Toluene-D8	95%		70-130%
460-00-4	4-Bromofluorobenzene	96%		70-130%
17060-07-0	1,2-Dichloroethane-D4	109%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	S20@12'		
Lab Sample ID:	DA78742-30	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	90.2
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G62761.D	1	01/17/26 11:37	ZL	01/16/26 11:00	OP29808	E3G2988
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0043	0.0043	mg/kg	
120-12-7	Anthracene	< 0.0043	0.0043	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0053	0.0053	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0043	0.0043	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0043	0.0043	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0043	0.0043	mg/kg	
218-01-9	Chrysene	< 0.0043	0.0043	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0043	0.0043	mg/kg	
206-44-0	Fluoranthene	< 0.0043	0.0043	mg/kg	
86-73-7	Fluorene	< 0.0043	0.0043	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0043	0.0043	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0043	0.0043	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0043	0.0043	mg/kg	
91-20-3	Naphthalene	< 0.0021	0.0021	mg/kg	
129-00-0	Pyrene	< 0.0043	0.0043	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	99%		22-138%
4165-60-0	Nitrobenzene-d5	105%		32-143%
1718-51-0	Terphenyl-d14	79%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	S20@12'		
Lab Sample ID:	DA78742-30	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	90.2
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FN99556.D	1	01/17/26 02:52	JB	01/15/26 12:00	OP29819	GFN606
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.3	4.3	mg/kg	
	TPH-ORO (> C28-C36)	< 6.5	6.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	127%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	S20@12'		
Lab Sample ID:	DA78742-30A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	90.2
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	107	6.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	33.6	3.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	136	6.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20096
(2) Prep QC Batch: MP45578

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S20@12'		
Lab Sample ID:	DA78742-30A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	90.2
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	2.94		ratio	1	01/19/26 11:15	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S20@12'		
Lab Sample ID:	DA78742-30B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	90.2
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	0.250	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45558

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S20@12'		
Lab Sample ID:	DA78742-30C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	90.2
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.6	0.21	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	75.8	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	< 0.10	0.10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	7.8	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	6.9	0.52	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	6.7	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.21	0.21	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.10	0.10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	22.4	10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20092
(2) Prep QC Batch: MP45565

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S20@12'		
Lab Sample ID:	DA78742-30C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	90.2
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.76		su	1	01/15/26 12:56	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	1.5	0.0010	mmhos/cm	1	01/15/26 12:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.44	0.44	mg/kg	1	01/21/26 05:08	AFL	SW846 7199

(a) Sample digested on 19-Jan-2026 at 09:37. Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S21@25'		
Lab Sample ID:	DA78742-31	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	80.6
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V98402.D	1	01/16/26 13:23	MB	n/a	n/a	V5V4634
Run #2							

	Initial Weight	Final Volume
Run #1	5.17 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0012	0.0012	mg/kg	
100-41-4	Ethylbenzene	< 0.0024	0.0024	mg/kg	
108-88-3	Toluene	< 0.0024	0.0024	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0024	0.0024	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0024	0.0024	mg/kg	
	m,p-Xylene	< 0.0024	0.0024	mg/kg	
95-47-6	o-Xylene	< 0.0024	0.0024	mg/kg	
1330-20-7	Xylene (total)	< 0.0024	0.0024	mg/kg	
	TPH-GRO (C6-C10)	< 0.24	0.24	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	95%		70-130%
17060-07-0	1,2-Dichloroethane-D4	99%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	S21@25'		
Lab Sample ID:	DA78742-31	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	80.6
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G62762.D	1	01/17/26 11:59	ZL	01/16/26 11:00	OP29808	E3G2988
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0048	0.0048	mg/kg	
120-12-7	Anthracene	< 0.0048	0.0048	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0060	0.0060	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0048	0.0048	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0048	0.0048	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0048	0.0048	mg/kg	
218-01-9	Chrysene	< 0.0048	0.0048	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0048	0.0048	mg/kg	
206-44-0	Fluoranthene	< 0.0048	0.0048	mg/kg	
86-73-7	Fluorene	< 0.0048	0.0048	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0048	0.0048	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0048	0.0048	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0048	0.0048	mg/kg	
91-20-3	Naphthalene	< 0.0024	0.0024	mg/kg	
129-00-0	Pyrene	< 0.0048	0.0048	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	91%		22-138%
4165-60-0	Nitrobenzene-d5	102%		32-143%
1718-51-0	Terphenyl-d14	82%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	S21@25'		
Lab Sample ID:	DA78742-31	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	80.6
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FN99559.D	1	01/17/26 03:33	JB	01/15/26 12:00	OP29819	GFN606
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.9	4.9	mg/kg	
	TPH-ORO (> C28-C36)	< 7.3	7.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	101%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	S21@25'		
Lab Sample ID:	DA78742-31A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	80.6
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	36.6	6.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	10.0	3.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	51.3	6.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20096
(2) Prep QC Batch: MP45578

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S21@25'		
Lab Sample ID:	DA78742-31A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	80.6
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	1.94		ratio	1	01/19/26 11:16	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S21@25'		
Lab Sample ID:	DA78742-31B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	80.6
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	0.260	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45558

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	S21@25'		
Lab Sample ID:	DA78742-31C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	80.6
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	1.3	0.24	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	31.2	2.4	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.18	0.12	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	7.6	2.4	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	16.0	0.61	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	9.8	2.4	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.24	0.24	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.12	0.12	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	24.2	12	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20092
(2) Prep QC Batch: MP45565

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	S21@25'		
Lab Sample ID:	DA78742-31C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	80.6
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.92		su	1	01/15/26 12:56	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.52	0.0010	mmhos/cm	1	01/15/26 12:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.51	0.51	mg/kg	1	01/21/26 05:28	AFL	SW846 7199

(a) Sample digested on 19-Jan-2026 at 09:37. Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S22@12'		
Lab Sample ID:	DA78742-32	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	77.1
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V98403.D	1	01/16/26 13:47	MB	n/a	n/a	V5V4634
Run #2							

	Initial Weight	Final Volume
Run #1	5.25 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0012	0.0012	mg/kg	
100-41-4	Ethylbenzene	< 0.0025	0.0025	mg/kg	
108-88-3	Toluene	< 0.0025	0.0025	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0025	0.0025	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0025	0.0025	mg/kg	
	m,p-Xylene	< 0.0025	0.0025	mg/kg	
95-47-6	o-Xylene	< 0.0025	0.0025	mg/kg	
1330-20-7	Xylene (total)	< 0.0025	0.0025	mg/kg	
	TPH-GRO (C6-C10)	< 0.25	0.25	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		70-130%
2037-26-5	Toluene-D8	96%		70-130%
460-00-4	4-Bromofluorobenzene	94%		70-130%
17060-07-0	1,2-Dichloroethane-D4	105%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	S22@12'		
Lab Sample ID:	DA78742-32	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	77.1
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G008380.D	1	01/17/26 13:39	ZL	01/16/26 11:00	OP29809	E7G309
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0051	0.0051	mg/kg	
120-12-7	Anthracene	< 0.0051	0.0051	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0064	0.0064	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0051	0.0051	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0051	0.0051	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0051	0.0051	mg/kg	
218-01-9	Chrysene	< 0.0051	0.0051	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0051	0.0051	mg/kg	
206-44-0	Fluoranthene	< 0.0051	0.0051	mg/kg	
86-73-7	Fluorene	< 0.0051	0.0051	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0051	0.0051	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0051	0.0051	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0051	0.0051	mg/kg	
91-20-3	Naphthalene	< 0.0025	0.0025	mg/kg	
129-00-0	Pyrene	< 0.0051	0.0051	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	101%		22-138%
4165-60-0	Nitrobenzene-d5	124%		32-143%
1718-51-0	Terphenyl-d14	73%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	S22@12'		
Lab Sample ID:	DA78742-32	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	77.1
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FN99560.D	1	01/17/26 03:47	JB	01/15/26 12:00	OP29819	GFN606
Run #2							

	Initial Weight	Final Volume
Run #1	5.3 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.9	4.9	mg/kg	
	TPH-ORO (> C28-C36)	< 7.3	7.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	80%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	S22@12'		
Lab Sample ID:	DA78742-32A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	77.1
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	44.4	6.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	11.8	3.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	61.8	6.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20096
(2) Prep QC Batch: MP45578

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S22@12'		
Lab Sample ID:	DA78742-32A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	77.1
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	2.13		ratio	1	01/19/26 11:18	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S22@12'		
Lab Sample ID:	DA78742-32B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	77.1
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.25	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45560

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S22@12'		
Lab Sample ID:	DA78742-32C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	77.1
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.6	0.22	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	97.7	2.2	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.17	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	19.3	2.2	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	10.7	0.55	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	13.2	2.2	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.24	0.22	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.11	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	38.7	11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20091
(2) Prep QC Batch: MP45551

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	S22@12'		
Lab Sample ID:	DA78742-32C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	77.1
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	8.04		su	1	01/15/26 12:56	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.65	0.0010	mmhos/cm	1	01/15/26 12:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.52	0.52	mg/kg	1	01/21/26 05:48	AFL	SW846 7199

(a) Sample digested on 19-Jan-2026 at 09:37. Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S23@12'		
Lab Sample ID:	DA78742-33	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	74.5
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V98404.D	1	01/16/26 14:10	MB	n/a	n/a	V5V4634
Run #2							

	Initial Weight	Final Volume
Run #1	5.36 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0013	0.0013	mg/kg	
100-41-4	Ethylbenzene	< 0.0025	0.0025	mg/kg	
108-88-3	Toluene	< 0.0025	0.0025	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0025	0.0025	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0025	0.0025	mg/kg	
	m,p-Xylene	< 0.0025	0.0025	mg/kg	
95-47-6	o-Xylene	< 0.0025	0.0025	mg/kg	
1330-20-7	Xylene (total)	< 0.0025	0.0025	mg/kg	
	TPH-GRO (C6-C10)	< 0.25	0.25	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		70-130%
2037-26-5	Toluene-D8	95%		70-130%
460-00-4	4-Bromofluorobenzene	96%		70-130%
17060-07-0	1,2-Dichloroethane-D4	107%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	S23@12'		
Lab Sample ID:	DA78742-33	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	74.5
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G008381.D	1	01/17/26 13:59	ZL	01/16/26 11:00	OP29809	E7G309
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0053	0.0053	mg/kg	
120-12-7	Anthracene	< 0.0053	0.0053	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0066	0.0066	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0053	0.0053	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0053	0.0053	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0053	0.0053	mg/kg	
218-01-9	Chrysene	< 0.0053	0.0053	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0053	0.0053	mg/kg	
206-44-0	Fluoranthene	< 0.0053	0.0053	mg/kg	
86-73-7	Fluorene	< 0.0053	0.0053	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0053	0.0053	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0053	0.0053	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0053	0.0053	mg/kg	
91-20-3	Naphthalene	< 0.0026	0.0026	mg/kg	
129-00-0	Pyrene	< 0.0053	0.0053	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	96%		22-138%
4165-60-0	Nitrobenzene-d5	114%		32-143%
1718-51-0	Terphenyl-d14	73%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	S23@12'		
Lab Sample ID:	DA78742-33	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	74.5
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FN99561.D	1	01/17/26 04:00	JB	01/15/26 12:00	OP29819	GFN606
Run #2							

	Initial Weight	Final Volume
Run #1	5.0 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 5.4	5.4	mg/kg	
	TPH-ORO (> C28-C36)	< 8.0	8.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	97%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	S23@12'		
Lab Sample ID:	DA78742-33A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	74.5
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	148	6.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	46.2	3.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	131	6.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20096
(2) Prep QC Batch: MP45578

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	S23@12'		
Lab Sample ID:	DA78742-33A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	74.5
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	2.41		ratio	1	01/19/26 11:19	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	S23@12'		
Lab Sample ID:	DA78742-33B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	74.5
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	0.387	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45560

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S23@12'		
Lab Sample ID:	DA78742-33C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	74.5
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	5.6	0.27	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	70.7	2.7	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.24	0.13	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	43.4	2.7	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	16.5	0.66	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	11.9	2.7	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.54	0.27	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.13	0.13	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	88.8	13	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20091
(2) Prep QC Batch: MP45551

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S23@12'		
Lab Sample ID:	DA78742-33C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	74.5
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.70		su	1	01/15/26 12:56	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	1.8	0.0010	mmhos/cm	1	01/15/26 12:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.54	0.54	mg/kg	1	01/21/26 06:09	AFL	SW846 7199

(a) Sample digested on 19-Jan-2026 at 09:37. Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S24@12'		
Lab Sample ID:	DA78742-34	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	81.0
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V98405.D	1	01/16/26 14:32	MB	n/a	n/a	V5V4634
Run #2							

	Initial Weight	Final Volume
Run #1	5.36 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0012	0.0012	mg/kg	
100-41-4	Ethylbenzene	< 0.0023	0.0023	mg/kg	
108-88-3	Toluene	< 0.0023	0.0023	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0023	0.0023	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0023	0.0023	mg/kg	
	m,p-Xylene	< 0.0023	0.0023	mg/kg	
95-47-6	o-Xylene	< 0.0023	0.0023	mg/kg	
1330-20-7	Xylene (total)	< 0.0023	0.0023	mg/kg	
	TPH-GRO (C6-C10)	< 0.23	0.23	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		70-130%
2037-26-5	Toluene-D8	96%		70-130%
460-00-4	4-Bromofluorobenzene	95%		70-130%
17060-07-0	1,2-Dichloroethane-D4	103%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	S24@12'		
Lab Sample ID:	DA78742-34	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	81.0
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G008382.D	1	01/17/26 14:19	ZL	01/16/26 11:00	OP29809	E7G309
Run #2							

	Initial Weight	Final Volume
Run #1	5.0 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0049	0.0049	mg/kg	
120-12-7	Anthracene	< 0.0049	0.0049	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0062	0.0062	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0049	0.0049	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0049	0.0049	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0049	0.0049	mg/kg	
218-01-9	Chrysene	< 0.0049	0.0049	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0049	0.0049	mg/kg	
206-44-0	Fluoranthene	< 0.0049	0.0049	mg/kg	
86-73-7	Fluorene	< 0.0049	0.0049	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0049	0.0049	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0049	0.0049	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0049	0.0049	mg/kg	
91-20-3	Naphthalene	< 0.0025	0.0025	mg/kg	
129-00-0	Pyrene	< 0.0049	0.0049	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	100%		22-138%
4165-60-0	Nitrobenzene-d5	119%		32-143%
1718-51-0	Terphenyl-d14	80%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	S24@12'		
Lab Sample ID:	DA78742-34	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	81.0
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FN99562.D	1	01/17/26 04:14	JB	01/15/26 12:00	OP29819	GFN606
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.8	4.8	mg/kg	
	TPH-ORO (> C28-C36)	< 7.2	7.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	111%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	S24@12'		
Lab Sample ID:	DA78742-34A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	81.0
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	96.1	6.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	31.0	3.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	97.6	6.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20096
(2) Prep QC Batch: MP45578

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S24@12'		
Lab Sample ID:	DA78742-34A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	81.0
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	2.21		ratio	1	01/19/26 11:21	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	S24@12'		
Lab Sample ID:	DA78742-34B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	81.0
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	0.370	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45560

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	S24@12'		
Lab Sample ID:	DA78742-34C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	81.0
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.1	0.21	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	40.9	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.24	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	12.8	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	11.9	0.54	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	10.1	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.31	0.21	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.11	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	54.3	11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20091
(2) Prep QC Batch: MP45551

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S24@12'		
Lab Sample ID:	DA78742-34C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	81.0
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.88		su	1	01/15/26 12:56	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	1.3	0.0010	mmhos/cm	1	01/15/26 12:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.47	0.47	mg/kg	1	01/21/26 06:29	AFL	SW846 7199

(a) Sample digested on 19-Jan-2026 at 09:37. Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S25@12'		
Lab Sample ID:	DA78742-35	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	87.1
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V98406.D	1	01/16/26 14:56	MB	n/a	n/a	V5V4634
Run #2							

	Initial Weight	Final Volume
Run #1	5.43 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0011	0.0011	mg/kg	
100-41-4	Ethylbenzene	< 0.0021	0.0021	mg/kg	
108-88-3	Toluene	< 0.0021	0.0021	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0021	0.0021	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0021	0.0021	mg/kg	
	m,p-Xylene	< 0.0021	0.0021	mg/kg	
95-47-6	o-Xylene	< 0.0021	0.0021	mg/kg	
1330-20-7	Xylene (total)	< 0.0021	0.0021	mg/kg	
	TPH-GRO (C6-C10)	< 0.21	0.21	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	95%		70-130%
17060-07-0	1,2-Dichloroethane-D4	105%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	S25@12'		
Lab Sample ID:	DA78742-35	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	87.1
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G008383.D	1	01/17/26 14:39	ZL	01/16/26 11:00	OP29809	E7G309
Run #2							

	Initial Weight	Final Volume
Run #1	5.0 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0046	0.0046	mg/kg	
120-12-7	Anthracene	< 0.0046	0.0046	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0057	0.0057	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0046	0.0046	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0046	0.0046	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0046	0.0046	mg/kg	
218-01-9	Chrysene	< 0.0046	0.0046	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0046	0.0046	mg/kg	
206-44-0	Fluoranthene	< 0.0046	0.0046	mg/kg	
86-73-7	Fluorene	< 0.0046	0.0046	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0046	0.0046	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0046	0.0046	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0046	0.0046	mg/kg	
91-20-3	Naphthalene	< 0.0023	0.0023	mg/kg	
129-00-0	Pyrene	< 0.0046	0.0046	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	90%		22-138%
4165-60-0	Nitrobenzene-d5	108%		32-143%
1718-51-0	Terphenyl-d14	71%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	S25@12'		
Lab Sample ID:	DA78742-35	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	87.1
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FN99563.D	1	01/17/26 04:28	JB	01/15/26 12:00	OP29819	GFN606
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.4	4.4	mg/kg	
	TPH-ORO (> C28-C36)	< 6.6	6.6	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	119%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	S25@12'		
Lab Sample ID:	DA78742-35A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	87.1
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	40.4	6.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	11.6	3.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	57.7	6.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20096
(2) Prep QC Batch: MP45578

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	S25@12'		
Lab Sample ID:	DA78742-35A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	87.1
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	2.06		ratio	1	01/19/26 11:23	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	S25@12'		
Lab Sample ID:	DA78742-35B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	87.1
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.25	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45560

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S25@12'		
Lab Sample ID:	DA78742-35C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	87.1
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	8.5	0.20	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	49.9	2.0	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.57	0.10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	21.4	2.0	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	9.6	0.51	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	29.7	2.0	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.45	0.20	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.10	0.10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	108	10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20091
(2) Prep QC Batch: MP45551

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S25@12'		
Lab Sample ID:	DA78742-35C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	87.1
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.94		su	1	01/15/26 12:56	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.66	0.0010	mmhos/cm	1	01/15/26 12:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.47	0.47	mg/kg	1	01/21/26 06:50	AFL	SW846 7199

(a) Sample digested on 19-Jan-2026 at 09:37. Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B23@25'		
Lab Sample ID:	DA78742-36	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	85.7
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V98407.D	1	01/16/26 15:19	MB	n/a	n/a	V5V4634
Run #2							

	Initial Weight	Final Volume
Run #1	5.18 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0011	0.0011	mg/kg	
100-41-4	Ethylbenzene	< 0.0023	0.0023	mg/kg	
108-88-3	Toluene	< 0.0023	0.0023	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0023	0.0023	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0023	0.0023	mg/kg	
	m,p-Xylene	< 0.0023	0.0023	mg/kg	
95-47-6	o-Xylene	< 0.0023	0.0023	mg/kg	
1330-20-7	Xylene (total)	< 0.0023	0.0023	mg/kg	
	TPH-GRO (C6-C10)	< 0.23	0.23	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	95%		70-130%
17060-07-0	1,2-Dichloroethane-D4	104%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B23@25'		
Lab Sample ID:	DA78742-36	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	85.7
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G008384.D	1	01/17/26 14:59	ZL	01/16/26 11:00	OP29809	E7G309
Run #2							

	Initial Weight	Final Volume
Run #1	5.3 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0044	0.0044	mg/kg	
120-12-7	Anthracene	< 0.0044	0.0044	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0055	0.0055	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0044	0.0044	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0044	0.0044	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0044	0.0044	mg/kg	
218-01-9	Chrysene	< 0.0044	0.0044	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0044	0.0044	mg/kg	
206-44-0	Fluoranthene	< 0.0044	0.0044	mg/kg	
86-73-7	Fluorene	< 0.0044	0.0044	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0044	0.0044	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0044	0.0044	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0044	0.0044	mg/kg	
91-20-3	Naphthalene	< 0.0022	0.0022	mg/kg	
129-00-0	Pyrene	< 0.0044	0.0044	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	82%		22-138%
4165-60-0	Nitrobenzene-d5	108%		32-143%
1718-51-0	Terphenyl-d14	53%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B23@25'		
Lab Sample ID:	DA78742-36	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	85.7
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FN99564.D	1	01/17/26 04:42	JB	01/15/26 12:00	OP29819	GFN606
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.5	4.5	mg/kg	
	TPH-ORO (> C28-C36)	< 6.8	6.8	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	120%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B23@25'		
Lab Sample ID:	DA78742-36A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	85.7
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	74.0	6.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	19.5	3.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	94.0	6.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20096
(2) Prep QC Batch: MP45578

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	B23@25'		
Lab Sample ID:	DA78742-36A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	85.7
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	2.51		ratio	1	01/19/26 11:24	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	B23@25'		
Lab Sample ID:	DA78742-36B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	85.7
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	0.264	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45560

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	B23@25'		
Lab Sample ID:	DA78742-36C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	85.7
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.3	0.21	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	74.3	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.24	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	16.6	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	11.3	0.53	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	10.4	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.40	0.21	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.11	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	60.8	11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20091
(2) Prep QC Batch: MP45551

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	B23@25'		
Lab Sample ID:	DA78742-36C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	85.7
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.87		su	1	01/15/26 12:56	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	1.1	0.0010	mmhos/cm	1	01/15/26 12:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.46	0.46	mg/kg	1	01/21/26 07:10	AFL	SW846 7199

(a) Sample digested on 19-Jan-2026 at 09:37. Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B24@25'		
Lab Sample ID:	DA78742-37	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	83.6
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	0V3057.D	1	01/16/26 18:34	RT	n/a	n/a	V0V65
Run #2							

	Initial Weight	Final Volume
Run #1	5.22 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0011	0.0011	mg/kg	
100-41-4	Ethylbenzene	< 0.0023	0.0023	mg/kg	
108-88-3	Toluene	< 0.0023	0.0023	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0023	0.0023	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0023	0.0023	mg/kg	
	m,p-Xylene	< 0.0023	0.0023	mg/kg	
95-47-6	o-Xylene	< 0.0023	0.0023	mg/kg	
1330-20-7	Xylene (total)	< 0.0023	0.0023	mg/kg	
	TPH-GRO (C6-C10)	< 0.23	0.23	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		70-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	99%		70-130%
17060-07-0	1,2-Dichloroethane-D4	106%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B24@25'		
Lab Sample ID:	DA78742-37	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	83.6
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G008385.D	1	01/17/26 15:20	ZL	01/16/26 11:00	OP29809	E7G309
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0047	0.0047	mg/kg	
120-12-7	Anthracene	< 0.0047	0.0047	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0059	0.0059	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0047	0.0047	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0047	0.0047	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0047	0.0047	mg/kg	
218-01-9	Chrysene	< 0.0047	0.0047	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0047	0.0047	mg/kg	
206-44-0	Fluoranthene	< 0.0047	0.0047	mg/kg	
86-73-7	Fluorene	< 0.0047	0.0047	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0047	0.0047	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0047	0.0047	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0047	0.0047	mg/kg	
91-20-3	Naphthalene	< 0.0023	0.0023	mg/kg	
129-00-0	Pyrene	< 0.0047	0.0047	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	105%		22-138%
4165-60-0	Nitrobenzene-d5	122%		32-143%
1718-51-0	Terphenyl-d14	83%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B24@25'		
Lab Sample ID:	DA78742-37	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	83.6
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FN99565.D	1	01/17/26 04:55	JB	01/15/26 12:00	OP29819	GFN606
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.6	4.6	mg/kg	
	TPH-ORO (> C28-C36)	< 6.9	6.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	117%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	B24@25'		
Lab Sample ID:	DA78742-37A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	83.6
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	75.3	6.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	22.7	3.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	78.5	6.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20096
(2) Prep QC Batch: MP45578

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B24@25'		
Lab Sample ID:	DA78742-37A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	83.6
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	2.04		ratio	1	01/19/26 11:26	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B24@25'		
Lab Sample ID:	DA78742-37B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	83.6
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	0.284	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45560

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B24@25'		
Lab Sample ID:	DA78742-37C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	83.6
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.7	0.20	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	67.8	2.0	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.51	0.10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	15.8	2.0	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	12.4	0.51	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	18.4	2.0	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.57	0.20	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.10	0.10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	61.7	10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20091
(2) Prep QC Batch: MP45551

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	B24@25'		
Lab Sample ID:	DA78742-37C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	83.6
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.83		su	1	01/15/26 12:56	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.99	0.0010	mmhos/cm	1	01/15/26 12:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.46	0.46	mg/kg	1	01/21/26 07:31	AFL	SW846 7199

(a) Sample digested on 19-Jan-2026 at 09:37. Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B25@25'		
Lab Sample ID:	DA78742-38	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	81.2
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	0V3058.D	1	01/16/26 18:58	RT	n/a	n/a	V0V65
Run #2							

	Initial Weight	Final Volume
Run #1	5.10 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0012	0.0012	mg/kg	
100-41-4	Ethylbenzene	< 0.0024	0.0024	mg/kg	
108-88-3	Toluene	< 0.0024	0.0024	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0024	0.0024	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0024	0.0024	mg/kg	
	m,p-Xylene	< 0.0024	0.0024	mg/kg	
95-47-6	o-Xylene	< 0.0024	0.0024	mg/kg	
1330-20-7	Xylene (total)	< 0.0024	0.0024	mg/kg	
	TPH-GRO (C6-C10)	< 0.24	0.24	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		70-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	99%		70-130%
17060-07-0	1,2-Dichloroethane-D4	102%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B25@25'		
Lab Sample ID:	DA78742-38	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	81.2
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G008386.D	1	01/17/26 15:40	ZL	01/16/26 11:00	OP29809	E7G309
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0047	0.0047	mg/kg	
120-12-7	Anthracene	< 0.0047	0.0047	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0059	0.0059	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0047	0.0047	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0047	0.0047	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0047	0.0047	mg/kg	
218-01-9	Chrysene	< 0.0047	0.0047	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0047	0.0047	mg/kg	
206-44-0	Fluoranthene	< 0.0047	0.0047	mg/kg	
86-73-7	Fluorene	< 0.0047	0.0047	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0047	0.0047	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0047	0.0047	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0047	0.0047	mg/kg	
91-20-3	Naphthalene	< 0.0024	0.0024	mg/kg	
129-00-0	Pyrene	< 0.0047	0.0047	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	103%		22-138%
4165-60-0	Nitrobenzene-d5	124%		32-143%
1718-51-0	Terphenyl-d14	80%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B25@25'		
Lab Sample ID:	DA78742-38	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	81.2
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FN99566.D	1	01/17/26 05:09	JB	01/15/26 12:00	OP29819	GFN606
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.8	4.8	mg/kg	
	TPH-ORO (> C28-C36)	< 7.2	7.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	104%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	B25@25'		
Lab Sample ID:	DA78742-38A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	81.2
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	82.1	6.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	23.4	3.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	80.4	6.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20096
(2) Prep QC Batch: MP45578

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	B25@25'		
Lab Sample ID:	DA78742-38A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	81.2
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	2.01		ratio	1	01/19/26 11:27	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	B25@25'		
Lab Sample ID:	DA78742-38B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	81.2
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.25	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45560

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	B25@25'		
Lab Sample ID:	DA78742-38C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	81.2
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.5	0.21	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	45.3	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.61	0.10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	27.9	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	12.6	0.52	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	11.6	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.37	0.21	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.10	0.10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	80.9	10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20091
(2) Prep QC Batch: MP45551

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B25@25'		
Lab Sample ID:	DA78742-38C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	81.2
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.90		su	1	01/15/26 12:56	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	1.0	0.0010	mmhos/cm	1	01/15/26 12:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.49	0.49	mg/kg	1	01/21/26 08:11	AFL	SW846 7199

(a) Sample digested on 19-Jan-2026 at 09:37. Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B26@25'		
Lab Sample ID:	DA78742-39	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	81.2
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	0V3059.D	1	01/16/26 19:25	RT	n/a	n/a	V0V65
Run #2							

	Initial Weight	Final Volume
Run #1	5.26 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0012	0.0012	mg/kg	
100-41-4	Ethylbenzene	< 0.0023	0.0023	mg/kg	
108-88-3	Toluene	< 0.0023	0.0023	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0023	0.0023	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0023	0.0023	mg/kg	
	m,p-Xylene	< 0.0023	0.0023	mg/kg	
95-47-6	o-Xylene	< 0.0023	0.0023	mg/kg	
1330-20-7	Xylene (total)	< 0.0023	0.0023	mg/kg	
	TPH-GRO (C6-C10)	< 0.23	0.23	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		70-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	99%		70-130%
17060-07-0	1,2-Dichloroethane-D4	106%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B26@25'		
Lab Sample ID:	DA78742-39	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	81.2
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G008387.D	1	01/17/26 16:00	ZL	01/16/26 11:00	OP29809	E7G309
Run #2							

	Initial Weight	Final Volume
Run #1	5.3 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0046	0.0046	mg/kg	
120-12-7	Anthracene	< 0.0046	0.0046	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0058	0.0058	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0046	0.0046	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0046	0.0046	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0046	0.0046	mg/kg	
218-01-9	Chrysene	< 0.0046	0.0046	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0046	0.0046	mg/kg	
206-44-0	Fluoranthene	< 0.0046	0.0046	mg/kg	
86-73-7	Fluorene	< 0.0046	0.0046	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0046	0.0046	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0046	0.0046	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0046	0.0046	mg/kg	
91-20-3	Naphthalene	< 0.0023	0.0023	mg/kg	
129-00-0	Pyrene	< 0.0046	0.0046	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	103%		22-138%
4165-60-0	Nitrobenzene-d5	124%		32-143%
1718-51-0	Terphenyl-d14	90%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B26@25'		
Lab Sample ID:	DA78742-39	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	81.2
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FN99567.D	1	01/17/26 05:23	JB	01/15/26 12:00	OP29819	GFN606
Run #2							

	Initial Weight	Final Volume
Run #1	5.4 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.6	4.6	mg/kg	
	TPH-ORO (> C28-C36)	< 6.9	6.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	140%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B26@25'		
Lab Sample ID:	DA78742-39A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	81.2
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	45.6	6.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	13.1	3.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	53.0	6.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20096
(2) Prep QC Batch: MP45578

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B26@25'		
Lab Sample ID:	DA78742-39A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	81.2
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	1.78		ratio	1	01/19/26 11:29	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	B26@25'		
Lab Sample ID:	DA78742-39B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	81.2
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.25	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45560

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	B26@25'		
Lab Sample ID:	DA78742-39C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	81.2
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	1.9	0.23	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	48.6	2.3	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.13	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	16.5	2.3	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	14.6	0.57	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	9.5	2.3	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.24	0.23	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.11	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	65.6	11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20091
(2) Prep QC Batch: MP45551

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B26@25'		
Lab Sample ID:	DA78742-39C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	81.2
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	8.01		su	1	01/15/26 12:56	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.57	0.0010	mmhos/cm	1	01/15/26 12:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.50	0.50	mg/kg	1	01/21/26 08:42	AFL	SW846 7199

(a) Sample digested on 19-Jan-2026 at 09:37. Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B27@25'		
Lab Sample ID:	DA78742-40	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	81.5
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	0V3060.D	1	01/16/26 19:50	RT	n/a	n/a	V0V65
Run #2							

	Initial Weight	Final Volume
Run #1	5.21 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0012	0.0012	mg/kg	
100-41-4	Ethylbenzene	< 0.0024	0.0024	mg/kg	
108-88-3	Toluene	< 0.0024	0.0024	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0024	0.0024	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0024	0.0024	mg/kg	
	m,p-Xylene	< 0.0024	0.0024	mg/kg	
95-47-6	o-Xylene	< 0.0024	0.0024	mg/kg	
1330-20-7	Xylene (total)	< 0.0024	0.0024	mg/kg	
	TPH-GRO (C6-C10)	< 0.24	0.24	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		70-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	101%		70-130%
17060-07-0	1,2-Dichloroethane-D4	106%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B27@25'		
Lab Sample ID:	DA78742-40	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	81.5
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G008388.D	1	01/17/26 16:20	ZL	01/16/26 11:00	OP29809	E7G309
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0047	0.0047	mg/kg	
120-12-7	Anthracene	< 0.0047	0.0047	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0059	0.0059	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0047	0.0047	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0047	0.0047	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0047	0.0047	mg/kg	
218-01-9	Chrysene	< 0.0047	0.0047	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0047	0.0047	mg/kg	
206-44-0	Fluoranthene	< 0.0047	0.0047	mg/kg	
86-73-7	Fluorene	< 0.0047	0.0047	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0047	0.0047	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0047	0.0047	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0047	0.0047	mg/kg	
91-20-3	Naphthalene	< 0.0024	0.0024	mg/kg	
129-00-0	Pyrene	< 0.0047	0.0047	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	100%		22-138%
4165-60-0	Nitrobenzene-d5	119%		32-143%
1718-51-0	Terphenyl-d14	81%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B27@25'		
Lab Sample ID:	DA78742-40	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	81.5
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FN99568.D	1	01/17/26 05:37	JB	01/15/26 12:00	OP29819	GFN606
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	8.35	4.7	mg/kg	
	TPH-ORO (> C28-C36)	< 7.0	7.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	104%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	B27@25'		
Lab Sample ID:	DA78742-40A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	81.5
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	69.4	6.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	22.8	3.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	85.8	6.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20096
(2) Prep QC Batch: MP45578

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B27@25'		
Lab Sample ID:	DA78742-40A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	81.5
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	2.28		ratio	1	01/19/26 11:34	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B27@25'		
Lab Sample ID:	DA78742-40B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	81.5
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	0.364	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45560

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	B27@25'		
Lab Sample ID:	DA78742-40C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	81.5
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.1	0.23	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	123	2.3	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.29	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	14.1	2.3	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	9.8	0.56	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	13.1	2.3	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.26	0.23	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.11	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	53.7	11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20091
(2) Prep QC Batch: MP45551

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	B27@25'		
Lab Sample ID:	DA78742-40C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	81.5
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.90		su	1	01/15/26 12:56	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	1.1	0.0010	mmhos/cm	1	01/15/26 12:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.49	0.49	mg/kg	1	01/21/26 08:52	AFL	SW846 7199

(a) Sample digested on 19-Jan-2026 at 09:37. Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B28@25'		
Lab Sample ID:	DA78742-41	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	76.8
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	0V3061.D	1	01/16/26 20:14	RT	n/a	n/a	V0V65
Run #2							

	Initial Weight	Final Volume
Run #1	5.13 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0013	0.0013	mg/kg	
100-41-4	Ethylbenzene	< 0.0025	0.0025	mg/kg	
108-88-3	Toluene	< 0.0025	0.0025	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0025	0.0025	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0025	0.0025	mg/kg	
	m,p-Xylene	< 0.0025	0.0025	mg/kg	
95-47-6	o-Xylene	< 0.0025	0.0025	mg/kg	
1330-20-7	Xylene (total)	< 0.0025	0.0025	mg/kg	
	TPH-GRO (C6-C10)	< 0.25	0.25	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		70-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	101%		70-130%
17060-07-0	1,2-Dichloroethane-D4	102%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B28@25'		
Lab Sample ID:	DA78742-41	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	76.8
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G008389.D	1	01/17/26 16:40	ZL	01/16/26 11:00	OP29809	E7G309
Run #2							

	Initial Weight	Final Volume
Run #1	5.3 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0049	0.0049	mg/kg	
120-12-7	Anthracene	< 0.0049	0.0049	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0061	0.0061	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0049	0.0049	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0049	0.0049	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0049	0.0049	mg/kg	
218-01-9	Chrysene	< 0.0049	0.0049	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0049	0.0049	mg/kg	
206-44-0	Fluoranthene	< 0.0049	0.0049	mg/kg	
86-73-7	Fluorene	< 0.0049	0.0049	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0049	0.0049	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0049	0.0049	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0049	0.0049	mg/kg	
91-20-3	Naphthalene	< 0.0025	0.0025	mg/kg	
129-00-0	Pyrene	< 0.0049	0.0049	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	88%		22-138%
4165-60-0	Nitrobenzene-d5	109%		32-143%
1718-51-0	Terphenyl-d14	60%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B28@25'		
Lab Sample ID:	DA78742-41	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	76.8
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FN99569.D	1	01/17/26 05:50	JB	01/15/26 12:00	OP29819	GFN606
Run #2							

	Initial Weight	Final Volume
Run #1	5.3 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.9	4.9	mg/kg	
	TPH-ORO (> C28-C36)	< 7.4	7.4	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	103%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B28@25'		
Lab Sample ID:	DA78742-41A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	76.8
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	50.3	6.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	13.6	3.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	60.5	6.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20096
(2) Prep QC Batch: MP45578

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B28@25'		
Lab Sample ID:	DA78742-41A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	76.8
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	1.95		ratio	1	01/19/26 11:35	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B28@25'		
Lab Sample ID:	DA78742-41B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	76.8
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.25	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45560

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B28@25'		
Lab Sample ID:	DA78742-41C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	76.8
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.1	0.23	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	58.0	2.3	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.43	0.12	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	19.1	2.3	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	16.7	0.59	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	16.2	2.3	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.29	0.23	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.12	0.12	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	56.9	12	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20091
(2) Prep QC Batch: MP45551

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B28@25'		
Lab Sample ID:	DA78742-41C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	76.8
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.98		su	1	01/15/26 12:56	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.75	0.0010	mmhos/cm	1	01/15/26 12:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.54	0.54	mg/kg	1	01/21/26 09:13	AFL	SW846 7199

(a) Sample digested on 19-Jan-2026 at 09:37. Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B29@25'		
Lab Sample ID:	DA78742-42	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	78.5
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	0V3062.D	1	01/16/26 20:39	RT	n/a	n/a	V0V65
Run #2							

	Initial Weight	Final Volume
Run #1	5.21 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0012	0.0012	mg/kg	
100-41-4	Ethylbenzene	< 0.0024	0.0024	mg/kg	
108-88-3	Toluene	< 0.0024	0.0024	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0024	0.0024	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0024	0.0024	mg/kg	
	m,p-Xylene	< 0.0024	0.0024	mg/kg	
95-47-6	o-Xylene	< 0.0024	0.0024	mg/kg	
1330-20-7	Xylene (total)	< 0.0024	0.0024	mg/kg	
	TPH-GRO (C6-C10)	< 0.24	0.24	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		70-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	99%		70-130%
17060-07-0	1,2-Dichloroethane-D4	110%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B29@25'		
Lab Sample ID:	DA78742-42	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	78.5
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G008390.D	1	01/17/26 17:00	ZL	01/16/26 11:00	OP29809	E7G309
Run #2							

	Initial Weight	Final Volume
Run #1	5.3 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0048	0.0048	mg/kg	
120-12-7	Anthracene	< 0.0048	0.0048	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0060	0.0060	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0048	0.0048	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0048	0.0048	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0048	0.0048	mg/kg	
218-01-9	Chrysene	< 0.0048	0.0048	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0048	0.0048	mg/kg	
206-44-0	Fluoranthene	< 0.0048	0.0048	mg/kg	
86-73-7	Fluorene	< 0.0048	0.0048	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0048	0.0048	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0048	0.0048	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0048	0.0048	mg/kg	
91-20-3	Naphthalene	< 0.0024	0.0024	mg/kg	
129-00-0	Pyrene	< 0.0048	0.0048	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	118%		22-138%
4165-60-0	Nitrobenzene-d5	141%		32-143%
1718-51-0	Terphenyl-d14	97%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B29@25'		
Lab Sample ID:	DA78742-42	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	78.5
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FN99570.D	1	01/17/26 06:04	JB	01/15/26 12:00	OP29819	GFN606
Run #2							

	Initial Weight	Final Volume
Run #1	5.3 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.9	4.9	mg/kg	
	TPH-ORO (> C28-C36)	< 7.3	7.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	106%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B29@25'		
Lab Sample ID:	DA78742-42A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	78.5
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	70.9	6.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	18.2	3.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	62.8	6.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20096
(2) Prep QC Batch: MP45578

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B29@25'		
Lab Sample ID:	DA78742-42A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	78.5
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	1.72		ratio	1	01/19/26 11:37	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B29@25'		
Lab Sample ID:	DA78742-42B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	78.5
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	0.318	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45560

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B29@25'		
Lab Sample ID:	DA78742-42C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	78.5
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.8	0.24	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	37.0	2.4	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.40	0.12	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	33.8	2.4	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	15.4	0.59	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	26.6	2.4	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.31	0.24	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.12	0.12	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	180	12	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20091
(2) Prep QC Batch: MP45551

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B29@25'		
Lab Sample ID:	DA78742-42C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	78.5
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.87		su	1	01/15/26 12:56	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.89	0.0010	mmhos/cm	1	01/15/26 12:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.52	0.52	mg/kg	1	01/21/26 09:34	AFL	SW846 7199

(a) Sample digested on 19-Jan-2026 at 09:37. Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B30@25'		
Lab Sample ID:	DA78742-43	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	76.1
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	0V3063.D	1	01/16/26 21:04	RT	n/a	n/a	V0V65
Run #2							

	Initial Weight	Final Volume
Run #1	5.07 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0013	0.0013	mg/kg	
100-41-4	Ethylbenzene	< 0.0026	0.0026	mg/kg	
108-88-3	Toluene	< 0.0026	0.0026	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0026	0.0026	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0026	0.0026	mg/kg	
	m,p-Xylene	< 0.0026	0.0026	mg/kg	
95-47-6	o-Xylene	< 0.0026	0.0026	mg/kg	
1330-20-7	Xylene (total)	< 0.0026	0.0026	mg/kg	
	TPH-GRO (C6-C10)	< 0.26	0.26	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		70-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	100%		70-130%
17060-07-0	1,2-Dichloroethane-D4	110%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B30@25'		
Lab Sample ID:	DA78742-43	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	76.1
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G008391.D	1	01/17/26 17:20	ZL	01/16/26 11:00	OP29809	E7G309
Run #2							

	Initial Weight	Final Volume
Run #1	5.0 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0053	0.0053	mg/kg	
120-12-7	Anthracene	< 0.0053	0.0053	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0066	0.0066	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0053	0.0053	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0053	0.0053	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0053	0.0053	mg/kg	
218-01-9	Chrysene	< 0.0053	0.0053	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0053	0.0053	mg/kg	
206-44-0	Fluoranthene	< 0.0053	0.0053	mg/kg	
86-73-7	Fluorene	< 0.0053	0.0053	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0053	0.0053	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0053	0.0053	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0053	0.0053	mg/kg	
91-20-3	Naphthalene	< 0.0026	0.0026	mg/kg	
129-00-0	Pyrene	< 0.0053	0.0053	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	104%		22-138%
4165-60-0	Nitrobenzene-d5	129%		32-143%
1718-51-0	Terphenyl-d14	86%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B30@25'		
Lab Sample ID:	DA78742-43	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	76.1
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FN99571.D	1	01/17/26 06:18	JB	01/15/26 12:00	OP29819	GFN606
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 5.2	5.2	mg/kg	
	TPH-ORO (> C28-C36)	< 7.8	7.8	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	94%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B30@25'		
Lab Sample ID:	DA78742-43A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	76.1
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	39.8	6.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	10.2	3.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	42.1	6.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20096
(2) Prep QC Batch: MP45578

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B30@25'		
Lab Sample ID:	DA78742-43A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	76.1
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	1.54		ratio	1	01/19/26 11:39	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	B30@25'		
Lab Sample ID:	DA78742-43B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	76.1
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.25	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45560

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	B30@25'		
Lab Sample ID:	DA78742-43C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	76.1
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	1.6	0.25	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	85.6	2.5	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.17	0.12	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	15.4	2.5	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	10.9	0.62	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	9.6	2.5	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.25	0.25	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.12	0.12	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	49.4	12	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20091
(2) Prep QC Batch: MP45551

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B30@25'		
Lab Sample ID:	DA78742-43C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	76.1
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	8.03		su	1	01/15/26 12:56	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.52	0.0010	mmhos/cm	1	01/15/26 12:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.52	0.52	mg/kg	1	01/21/26 09:54	AFL	SW846 7199

(a) Sample digested on 19-Jan-2026 at 09:37. Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B31@35'		
Lab Sample ID:	DA78742-44	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	60.4
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	0V3064.D	1	01/16/26 21:29	RT	n/a	n/a	V0V65
Run #2							

	Initial Weight	Final Volume
Run #1	5.09 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0016	0.0016	mg/kg	
100-41-4	Ethylbenzene	< 0.0033	0.0033	mg/kg	
108-88-3	Toluene	< 0.0033	0.0033	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0033	0.0033	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0033	0.0033	mg/kg	
	m,p-Xylene	< 0.0033	0.0033	mg/kg	
95-47-6	o-Xylene	< 0.0033	0.0033	mg/kg	
1330-20-7	Xylene (total)	< 0.0033	0.0033	mg/kg	
	TPH-GRO (C6-C10)	< 0.33	0.33	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		70-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	100%		70-130%
17060-07-0	1,2-Dichloroethane-D4	109%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B31@35'		
Lab Sample ID:	DA78742-44	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	60.4
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G008392.D	1	01/17/26 17:41	ZL	01/16/26 11:00	OP29809	E7G309
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0065	0.0065	mg/kg	
120-12-7	Anthracene	< 0.0065	0.0065	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0081	0.0081	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0065	0.0065	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0065	0.0065	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0065	0.0065	mg/kg	
218-01-9	Chrysene	< 0.0065	0.0065	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0065	0.0065	mg/kg	
206-44-0	Fluoranthene	< 0.0065	0.0065	mg/kg	
86-73-7	Fluorene	< 0.0065	0.0065	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0065	0.0065	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0065	0.0065	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0065	0.0065	mg/kg	
91-20-3	Naphthalene	< 0.0032	0.0032	mg/kg	
129-00-0	Pyrene	< 0.0065	0.0065	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	101%		22-138%
4165-60-0	Nitrobenzene-d5	131%		32-143%
1718-51-0	Terphenyl-d14	84%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B31@35'		
Lab Sample ID:	DA78742-44	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	60.4
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FN99572.D	1	01/17/26 06:32	JB	01/15/26 12:00	OP29819	GFN606
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 6.4	6.4	mg/kg	
	TPH-ORO (> C28-C36)	< 9.5	9.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	121%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	B31@35'		
Lab Sample ID:	DA78742-44A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	60.4
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	66.7	6.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	14.5	3.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	57.5	6.0	mg/l	1	01/15/26	01/19/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20096
(2) Prep QC Batch: MP45578

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B31@35'		
Lab Sample ID:	DA78742-44A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	60.4
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	1.66		ratio	1	01/19/26 11:40	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	B31@35'		
Lab Sample ID:	DA78742-44B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	60.4
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	0.355	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45560

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	B31@35'		
Lab Sample ID:	DA78742-44C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	60.4
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.5	0.60	mg/kg	20	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	290	3.0	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	2.1	0.15	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	108	6.0	mg/kg	20	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	54.2	0.75	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	39.1	6.0	mg/kg	20	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium [a]	0.74	0.30	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	0.37	0.15	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	91.2	30	mg/kg	20	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20091
(2) Prep QC Batch: MP45551

(a) Yttrium internal standard out of range. Ran at higher dilution for confirmation.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B31@35'		
Lab Sample ID:	DA78742-44C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	60.4
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.68		su	1	01/15/26 12:56	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.78	0.0010	mmhos/cm	1	01/15/26 12:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	0.86	0.66	mg/kg	1	01/21/26 12:26	AFL	SW846 7199

(a) Sample digested on 19-Jan-2026 at 09:37. Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B32@25'		
Lab Sample ID:	DA78742-45	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	88.2
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	0V3051.D	1	01/16/26 16:04	RT	n/a	n/a	V0V65
Run #2							

	Initial Weight	Final Volume
Run #1	5.30 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0011	0.0011	mg/kg	
100-41-4	Ethylbenzene	< 0.0021	0.0021	mg/kg	
108-88-3	Toluene	< 0.0021	0.0021	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0021	0.0021	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0021	0.0021	mg/kg	
	m,p-Xylene	< 0.0021	0.0021	mg/kg	
95-47-6	o-Xylene	< 0.0021	0.0021	mg/kg	
1330-20-7	Xylene (total)	< 0.0021	0.0021	mg/kg	
	TPH-GRO (C6-C10)	< 0.21	0.21	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		70-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	101%		70-130%
17060-07-0	1,2-Dichloroethane-D4	105%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B32@25'		
Lab Sample ID:	DA78742-45	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	88.2
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G008393.D	1	01/17/26 18:01	ZL	01/16/26 11:00	OP29809	E7G309
Run #2							

	Initial Weight	Final Volume
Run #1	5.3 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0043	0.0043	mg/kg	
120-12-7	Anthracene	< 0.0043	0.0043	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0053	0.0053	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0043	0.0043	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0043	0.0043	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0043	0.0043	mg/kg	
218-01-9	Chrysene	< 0.0043	0.0043	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0043	0.0043	mg/kg	
206-44-0	Fluoranthene	< 0.0043	0.0043	mg/kg	
86-73-7	Fluorene	< 0.0043	0.0043	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0043	0.0043	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0043	0.0043	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0043	0.0043	mg/kg	
91-20-3	Naphthalene	< 0.0021	0.0021	mg/kg	
129-00-0	Pyrene	< 0.0043	0.0043	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	91%		22-138%
4165-60-0	Nitrobenzene-d5	110%		32-143%
1718-51-0	Terphenyl-d14	78%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B32@25'		
Lab Sample ID:	DA78742-45	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	88.2
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW52124.D	1	01/16/26 07:16	JB	01/15/26 17:00	OP29820	GLW1237
Run #2							

	Initial Weight	Final Volume
Run #1	5.4 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.2	4.2	mg/kg	
	TPH-ORO (> C28-C36)	< 6.3	6.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	73%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B32@25'		
Lab Sample ID:	DA78742-45A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	88.2
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	111	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	33.9	3.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	142	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45576

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B32@25'		
Lab Sample ID:	DA78742-45A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	88.2
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	3.03		ratio	1	01/16/26 22:45	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B32@25'		
Lab Sample ID:	DA78742-45B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	88.2
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	0.482	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45560

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	B32@25'		
Lab Sample ID:	DA78742-45C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	88.2
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.9	0.20	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	142	2.0	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.21	0.099	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	11.2	2.0	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	9.2	0.50	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	10.5	2.0	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.38	0.20	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.099	0.099	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	41.2	9.9	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20091
(2) Prep QC Batch: MP45551

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B32@25'		
Lab Sample ID:	DA78742-45C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	88.2
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.90		su	1	01/15/26 14:35	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	1.3	0.0010	mmhos/cm	1	01/15/26 13:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	1.6	0.47	mg/kg	1	01/19/26 16:39	AFL	SW846 7199

(a) Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B33@25'		
Lab Sample ID:	DA78742-46	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	83.7
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	0V3065.D	1	01/16/26 21:54	RT	n/a	n/a	V0V65
Run #2							

	Initial Weight	Final Volume
Run #1	5.16 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0012	0.0012	mg/kg	
100-41-4	Ethylbenzene	< 0.0023	0.0023	mg/kg	
108-88-3	Toluene	< 0.0023	0.0023	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0023	0.0023	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0023	0.0023	mg/kg	
	m,p-Xylene	< 0.0023	0.0023	mg/kg	
95-47-6	o-Xylene	< 0.0023	0.0023	mg/kg	
1330-20-7	Xylene (total)	< 0.0023	0.0023	mg/kg	
	TPH-GRO (C6-C10)	< 0.23	0.23	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		70-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	100%		70-130%
17060-07-0	1,2-Dichloroethane-D4	108%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B33@25'		
Lab Sample ID:	DA78742-46	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	83.7
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G008394.D	1	01/17/26 18:21	ZL	01/16/26 11:00	OP29809	E7G309
Run #2							

	Initial Weight	Final Volume
Run #1	5.3 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0045	0.0045	mg/kg	
120-12-7	Anthracene	< 0.0045	0.0045	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0056	0.0056	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0045	0.0045	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0045	0.0045	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0045	0.0045	mg/kg	
218-01-9	Chrysene	< 0.0045	0.0045	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0045	0.0045	mg/kg	
206-44-0	Fluoranthene	< 0.0045	0.0045	mg/kg	
86-73-7	Fluorene	< 0.0045	0.0045	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0045	0.0045	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0045	0.0045	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0045	0.0045	mg/kg	
91-20-3	Naphthalene	< 0.0023	0.0023	mg/kg	
129-00-0	Pyrene	< 0.0045	0.0045	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	102%		22-138%
4165-60-0	Nitrobenzene-d5	113%		32-143%
1718-51-0	Terphenyl-d14	69%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B33@25'		
Lab Sample ID:	DA78742-46	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	83.7
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW52125.D	1	01/16/26 07:29	JB	01/15/26 17:00	OP29820	GLW1237
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.6	4.6	mg/kg	
	TPH-ORO (> C28-C36)	< 6.9	6.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	63%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B33@25'		
Lab Sample ID:	DA78742-46A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	83.7
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	98.2	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	29.6	3.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	135	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45576

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B33@25'		
Lab Sample ID:	DA78742-46A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	83.7
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	3.06		ratio	1	01/16/26 22:54	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B33@25'		
Lab Sample ID:	DA78742-46B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	83.7
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	0.333	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45560

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B33@25'		
Lab Sample ID:	DA78742-46C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	83.7
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.7	0.23	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	93.7	2.3	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.19	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	13.7	2.3	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	9.9	0.57	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	9.6	2.3	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.31	0.23	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.11	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	50.8	11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20091
(2) Prep QC Batch: MP45551

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B33@25'		
Lab Sample ID:	DA78742-46C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	83.7
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.81		su	1	01/15/26 14:35	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	1.3	0.0010	mmhos/cm	1	01/15/26 13:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.49	0.49	mg/kg	1	01/19/26 18:21	AFL	SW846 7199

(a) Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B34@25'		
Lab Sample ID:	DA78742-47	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	86.9
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	0V3066.D	1	01/16/26 22:18	RT	n/a	n/a	V0V65
Run #2							

	Initial Weight	Final Volume
Run #1	5.06 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0011	0.0011	mg/kg	
100-41-4	Ethylbenzene	< 0.0023	0.0023	mg/kg	
108-88-3	Toluene	< 0.0023	0.0023	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0023	0.0023	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0023	0.0023	mg/kg	
	m,p-Xylene	< 0.0023	0.0023	mg/kg	
95-47-6	o-Xylene	< 0.0023	0.0023	mg/kg	
1330-20-7	Xylene (total)	< 0.0023	0.0023	mg/kg	
	TPH-GRO (C6-C10)	< 0.23	0.23	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		70-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	97%		70-130%
17060-07-0	1,2-Dichloroethane-D4	105%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B34@25'		
Lab Sample ID:	DA78742-47	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	86.9
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G008379.D	1	01/17/26 13:19	ZL	01/16/26 11:00	OP29809	E7G309
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0044	0.0044	mg/kg	
120-12-7	Anthracene	< 0.0044	0.0044	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0055	0.0055	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0044	0.0044	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0044	0.0044	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0044	0.0044	mg/kg	
218-01-9	Chrysene	< 0.0044	0.0044	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0044	0.0044	mg/kg	
206-44-0	Fluoranthene	< 0.0044	0.0044	mg/kg	
86-73-7	Fluorene	< 0.0044	0.0044	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0044	0.0044	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0044	0.0044	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0044	0.0044	mg/kg	
91-20-3	Naphthalene	< 0.0022	0.0022	mg/kg	
129-00-0	Pyrene	< 0.0044	0.0044	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	102%		22-138%
4165-60-0	Nitrobenzene-d5	123%		32-143%
1718-51-0	Terphenyl-d14	87%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B34@25'		
Lab Sample ID:	DA78742-47	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	86.9
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW52126.D	1	01/16/26 07:43	JB	01/15/26 17:00	OP29820	GLW1237
Run #2							

	Initial Weight	Final Volume
Run #1	5.4 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.3	4.3	mg/kg	
	TPH-ORO (> C28-C36)	< 6.4	6.4	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	76%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B34@25'		
Lab Sample ID:	DA78742-47A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	86.9
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	89.0	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	21.3	3.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	158	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45576

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B34@25'		
Lab Sample ID:	DA78742-47A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	86.9
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	3.90		ratio	1	01/16/26 22:55	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B34@25'		
Lab Sample ID:	DA78742-47B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	86.9
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	0.253	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45560

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B34@25'		
Lab Sample ID:	DA78742-47C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	86.9
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.0	0.23	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	63.3	2.3	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	1.3	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	14.6	2.3	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	7.3	0.57	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	30.0	2.3	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.25	0.23	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.11	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	91.1	11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20091
(2) Prep QC Batch: MP45551

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B34@25'		
Lab Sample ID:	DA78742-47C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	86.9
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.32		su	1	01/15/26 14:35	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	1.2	0.0010	mmhos/cm	1	01/15/26 13:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	0.63	0.45	mg/kg	1	01/19/26 18:42	AFL	SW846 7199

(a) Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B35@25'		
Lab Sample ID:	DA78742-48	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	87.8
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	0V3067.D	1	01/16/26 22:44	RT	n/a	n/a	V0V65
Run #2							

	Initial Weight	Final Volume
Run #1	5.24 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0011	0.0011	mg/kg	
100-41-4	Ethylbenzene	< 0.0022	0.0022	mg/kg	
108-88-3	Toluene	< 0.0022	0.0022	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0022	0.0022	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0022	0.0022	mg/kg	
	m,p-Xylene	< 0.0022	0.0022	mg/kg	
95-47-6	o-Xylene	< 0.0022	0.0022	mg/kg	
1330-20-7	Xylene (total)	< 0.0022	0.0022	mg/kg	
	TPH-GRO (C6-C10)	< 0.22	0.22	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		70-130%
2037-26-5	Toluene-D8	101%		70-130%
460-00-4	4-Bromofluorobenzene	102%		70-130%
17060-07-0	1,2-Dichloroethane-D4	107%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B35@25'		
Lab Sample ID:	DA78742-48	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	87.8
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G008395.D	1	01/17/26 18:41	ZL	01/16/26 11:00	OP29809	E7G309
Run #2							

	Initial Weight	Final Volume
Run #1	5.0 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0046	0.0046	mg/kg	
120-12-7	Anthracene	< 0.0046	0.0046	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0057	0.0057	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0046	0.0046	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0046	0.0046	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0046	0.0046	mg/kg	
218-01-9	Chrysene	< 0.0046	0.0046	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0046	0.0046	mg/kg	
206-44-0	Fluoranthene	< 0.0046	0.0046	mg/kg	
86-73-7	Fluorene	< 0.0046	0.0046	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0046	0.0046	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0046	0.0046	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0046	0.0046	mg/kg	
91-20-3	Naphthalene	< 0.0023	0.0023	mg/kg	
129-00-0	Pyrene	< 0.0046	0.0046	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	93%		22-138%
4165-60-0	Nitrobenzene-d5	114%		32-143%
1718-51-0	Terphenyl-d14	69%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B35@25'		
Lab Sample ID:	DA78742-48	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	87.8
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW52127.D	1	01/16/26 07:56	JB	01/15/26 10:30	OP29820	GLW1237
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	5.12	4.4	mg/kg	
	TPH-ORO (> C28-C36)	15.7	6.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	63%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: B35@25'
Lab Sample ID: DA78742-48A
Matrix: SO - Soil
Project: Gordon 13-19

Date Sampled: 01/14/26
Date Received: 01/14/26
Percent Solids: 87.8

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	66.6	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	17.1	3.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	79.7	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45576

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B35@25'		
Lab Sample ID:	DA78742-48A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	87.8
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	2.25		ratio	1	01/16/26 22:57	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B35@25'		
Lab Sample ID:	DA78742-48B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	87.8
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	0.260	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45560

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B35@25'		
Lab Sample ID:	DA78742-48C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	87.8
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.3	0.21	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	91.3	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.39	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	13.5	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	9.5	0.53	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	11.8	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.40	0.21	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.11	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	55.6	11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20091
(2) Prep QC Batch: MP45551

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B35@25'		
Lab Sample ID:	DA78742-48C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	87.8
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.86		su	1	01/15/26 14:35	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.81	0.0010	mmhos/cm	1	01/15/26 13:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.45	0.45	mg/kg	1	01/19/26 19:23	AFL	SW846 7199

(a) Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B36@25'		
Lab Sample ID:	DA78742-49	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	82.7
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	0V3068.D	1	01/16/26 23:08	RT	n/a	n/a	V0V65
Run #2							

	Initial Weight	Final Volume
Run #1	5.20 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0012	0.0012	mg/kg	
100-41-4	Ethylbenzene	< 0.0023	0.0023	mg/kg	
108-88-3	Toluene	< 0.0023	0.0023	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0023	0.0023	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0023	0.0023	mg/kg	
	m,p-Xylene	< 0.0023	0.0023	mg/kg	
95-47-6	o-Xylene	< 0.0023	0.0023	mg/kg	
1330-20-7	Xylene (total)	< 0.0023	0.0023	mg/kg	
	TPH-GRO (C6-C10)	< 0.23	0.23	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		70-130%
2037-26-5	Toluene-D8	100%		70-130%
460-00-4	4-Bromofluorobenzene	101%		70-130%
17060-07-0	1,2-Dichloroethane-D4	104%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B36@25'		
Lab Sample ID:	DA78742-49	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	82.7
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G008396.D	1	01/17/26 19:01	ZL	01/16/26 11:00	OP29809	E7G309
Run #2							

	Initial Weight	Final Volume
Run #1	5.3 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0046	0.0046	mg/kg	
120-12-7	Anthracene	< 0.0046	0.0046	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0057	0.0057	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0046	0.0046	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0046	0.0046	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0046	0.0046	mg/kg	
218-01-9	Chrysene	< 0.0046	0.0046	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0046	0.0046	mg/kg	
206-44-0	Fluoranthene	< 0.0046	0.0046	mg/kg	
86-73-7	Fluorene	< 0.0046	0.0046	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0046	0.0046	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0046	0.0046	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0046	0.0046	mg/kg	
91-20-3	Naphthalene	< 0.0023	0.0023	mg/kg	
129-00-0	Pyrene	< 0.0046	0.0046	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	96%		22-138%
4165-60-0	Nitrobenzene-d5	119%		32-143%
1718-51-0	Terphenyl-d14	83%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B36@25'		
Lab Sample ID:	DA78742-49	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	82.7
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW52128.D	1	01/16/26 08:09	JB	01/15/26 17:00	OP29820	GLW1237
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.7	4.7	mg/kg	
	TPH-ORO (> C28-C36)	< 7.1	7.1	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	55%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B36@25'		
Lab Sample ID:	DA78742-49A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	82.7
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	132	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	34.1	3.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	51.7	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45576

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B36@25'		
Lab Sample ID:	DA78742-49A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	82.7
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	1.04		ratio	1	01/16/26 23:02	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	B36@25'		
Lab Sample ID:	DA78742-49B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	82.7
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.25	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45560

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B36@25'		
Lab Sample ID:	DA78742-49C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	82.7
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	1.7	0.24	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	43.9	2.4	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	< 0.12	0.12	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	20.6	2.4	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	12.1	0.60	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	4.9	2.4	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.24	0.24	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.12	0.12	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	37.3	12	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20091
(2) Prep QC Batch: MP45551

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B36@25'		
Lab Sample ID:	DA78742-49C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	82.7
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.69		su	1	01/15/26 14:35	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	1.2	0.0010	mmhos/cm	1	01/15/26 13:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.47	0.47	mg/kg	1	01/19/26 19:43	AFL	SW846 7199

(a) Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B37@25'		
Lab Sample ID:	DA78742-50	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	82.3
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	0V3069.D	1	01/16/26 23:33	RT	n/a	n/a	V0V65
Run #2							

	Initial Weight	Final Volume
Run #1	5.30 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0011	0.0011	mg/kg	
100-41-4	Ethylbenzene	< 0.0023	0.0023	mg/kg	
108-88-3	Toluene	< 0.0023	0.0023	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0023	0.0023	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0023	0.0023	mg/kg	
	m,p-Xylene	< 0.0023	0.0023	mg/kg	
95-47-6	o-Xylene	< 0.0023	0.0023	mg/kg	
1330-20-7	Xylene (total)	< 0.0023	0.0023	mg/kg	
	TPH-GRO (C6-C10)	< 0.23	0.23	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		70-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	100%		70-130%
17060-07-0	1,2-Dichloroethane-D4	108%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B37@25'		
Lab Sample ID:	DA78742-50	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	82.3
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G008397.D	1	01/17/26 19:21	ZL	01/16/26 11:00	OP29809	E7G309
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0047	0.0047	mg/kg	
120-12-7	Anthracene	< 0.0047	0.0047	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0058	0.0058	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0047	0.0047	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0047	0.0047	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0047	0.0047	mg/kg	
218-01-9	Chrysene	< 0.0047	0.0047	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0047	0.0047	mg/kg	
206-44-0	Fluoranthene	< 0.0047	0.0047	mg/kg	
86-73-7	Fluorene	< 0.0047	0.0047	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0047	0.0047	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0047	0.0047	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0047	0.0047	mg/kg	
91-20-3	Naphthalene	< 0.0023	0.0023	mg/kg	
129-00-0	Pyrene	< 0.0047	0.0047	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	100%		22-138%
4165-60-0	Nitrobenzene-d5	123%		32-143%
1718-51-0	Terphenyl-d14	79%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B37@25'		
Lab Sample ID:	DA78742-50	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	82.3
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW52129.D	1	01/16/26 08:22	JB	01/15/26 17:00	OP29820	GLW1237
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.6	4.6	mg/kg	
	TPH-ORO (> C28-C36)	< 7.0	7.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	58%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B37@25'		
Lab Sample ID:	DA78742-50A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	82.3
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	90.8	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	24.6	3.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	40.4	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45576

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	B37@25'		
Lab Sample ID:	DA78742-50A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	82.3
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.970		ratio	1	01/16/26 23:03	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	B37@25'		
Lab Sample ID:	DA78742-50B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	82.3
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.25	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45560

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B37@25'		
Lab Sample ID:	DA78742-50C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	82.3
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.6	0.24	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	369	2.4	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.14	0.12	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	24.4	2.4	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	20.3	0.61	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	9.3	2.4	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.31	0.24	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.12	0.12	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	75.6	12	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20091
(2) Prep QC Batch: MP45551

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B37@25'		
Lab Sample ID:	DA78742-50C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	82.3
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.81		su	1	01/15/26 14:35	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.84	0.0010	mmhos/cm	1	01/15/26 13:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	0.59	0.49	mg/kg	1	01/19/26 20:04	AFL	SW846 7199

(a) Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B38@25'		
Lab Sample ID:	DA78742-51	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	91.7
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	0V3070.D	1	01/16/26 23:58	RT	n/a	n/a	V0V65
Run #2							

	Initial Weight	Final Volume
Run #1	5.02 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0011	0.0011	mg/kg	
100-41-4	Ethylbenzene	< 0.0022	0.0022	mg/kg	
108-88-3	Toluene	< 0.0022	0.0022	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0022	0.0022	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0022	0.0022	mg/kg	
	m,p-Xylene	< 0.0022	0.0022	mg/kg	
95-47-6	o-Xylene	< 0.0022	0.0022	mg/kg	
1330-20-7	Xylene (total)	< 0.0022	0.0022	mg/kg	
	TPH-GRO (C6-C10)	< 0.22	0.22	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		70-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	100%		70-130%
17060-07-0	1,2-Dichloroethane-D4	105%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B38@25'		
Lab Sample ID:	DA78742-51	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	91.7
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G008398.D	1	01/17/26 19:42	ZL	01/16/26 11:00	OP29809	E7G309
Run #2							

	Initial Weight	Final Volume
Run #1	5.3 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0041	0.0041	mg/kg	
120-12-7	Anthracene	< 0.0041	0.0041	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0051	0.0051	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0041	0.0041	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0041	0.0041	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0041	0.0041	mg/kg	
218-01-9	Chrysene	< 0.0041	0.0041	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0041	0.0041	mg/kg	
206-44-0	Fluoranthene	< 0.0041	0.0041	mg/kg	
86-73-7	Fluorene	< 0.0041	0.0041	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0041	0.0041	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0041	0.0041	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0041	0.0041	mg/kg	
91-20-3	Naphthalene	< 0.0021	0.0021	mg/kg	
129-00-0	Pyrene	< 0.0041	0.0041	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	96%		22-138%
4165-60-0	Nitrobenzene-d5	111%		32-143%
1718-51-0	Terphenyl-d14	73%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B38@25'		
Lab Sample ID:	DA78742-51	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	91.7
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW52132.D	1	01/16/26 09:03	JB	01/15/26 10:30	OP29820	GLW1237
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.3	4.3	mg/kg	
	TPH-ORO (> C28-C36)	< 6.4	6.4	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	69%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B38@25'		
Lab Sample ID:	DA78742-51A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	91.7
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	113	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	35.6	3.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	153	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45576

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B38@25'		
Lab Sample ID:	DA78742-51A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	91.7
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	3.21		ratio	1	01/16/26 23:05	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B38@25'		
Lab Sample ID:	DA78742-51B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	91.7
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	0.378	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45560

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B38@25'		
Lab Sample ID:	DA78742-51C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	91.7
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.2	0.22	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	92.3	2.2	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.17	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	10.2	2.2	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	7.9	0.54	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	9.1	2.2	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.22	0.22	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.11	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	32.8	11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20091
(2) Prep QC Batch: MP45551

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B38@25'		
Lab Sample ID:	DA78742-51C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	91.7
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.77		su	1	01/15/26 14:35	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	1.4	0.0010	mmhos/cm	1	01/15/26 13:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.44	0.44	mg/kg	1	01/19/26 20:25	AFL	SW846 7199

(a) Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B39@25'		
Lab Sample ID:	DA78742-52	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	84.8
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	0V3055.D	1	01/16/26 17:43	RT	n/a	n/a	V0V65
Run #2							

	Initial Weight	Final Volume
Run #1	5.06 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0012	0.0012	mg/kg	
100-41-4	Ethylbenzene	< 0.0023	0.0023	mg/kg	
108-88-3	Toluene	< 0.0023	0.0023	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0023	0.0023	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0023	0.0023	mg/kg	
	m,p-Xylene	< 0.0023	0.0023	mg/kg	
95-47-6	o-Xylene	< 0.0023	0.0023	mg/kg	
1330-20-7	Xylene (total)	< 0.0023	0.0023	mg/kg	
	TPH-GRO (C6-C10)	< 0.23	0.23	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		70-130%
2037-26-5	Toluene-D8	100%		70-130%
460-00-4	4-Bromofluorobenzene	102%		70-130%
17060-07-0	1,2-Dichloroethane-D4	107%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B39@25'		
Lab Sample ID:	DA78742-52	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	84.8
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G008408.D	1	01/17/26 23:04	ZL	01/16/26 11:00	OP29810	E7G310
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0046	0.0046	mg/kg	
120-12-7	Anthracene	< 0.0046	0.0046	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0058	0.0058	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0046	0.0046	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0046	0.0046	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0046	0.0046	mg/kg	
218-01-9	Chrysene	< 0.0046	0.0046	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0046	0.0046	mg/kg	
206-44-0	Fluoranthene	< 0.0046	0.0046	mg/kg	
86-73-7	Fluorene	< 0.0046	0.0046	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0046	0.0046	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0046	0.0046	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0046	0.0046	mg/kg	
91-20-3	Naphthalene	< 0.0023	0.0023	mg/kg	
129-00-0	Pyrene	< 0.0046	0.0046	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	99%		22-138%
4165-60-0	Nitrobenzene-d5	118%		32-143%
1718-51-0	Terphenyl-d14	86%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B39@25'		
Lab Sample ID:	DA78742-52	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	84.8
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW52133.D	1	01/16/26 09:16	JB	01/15/26 10:30	OP29820	GLW1237
Run #2							

	Initial Weight	Final Volume
Run #1	5.3 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.4	4.4	mg/kg	
	TPH-ORO (> C28-C36)	< 6.6	6.6	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	69%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B39@25'		
Lab Sample ID:	DA78742-52A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	84.8
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	102	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	30.1	3.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	157	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45576

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B39@25'		
Lab Sample ID:	DA78742-52A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	84.8
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	3.51		ratio	1	01/16/26 23:07	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B39@25'		
Lab Sample ID:	DA78742-52B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	84.8
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	0.289	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45561

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B39@25'		
Lab Sample ID:	DA78742-52C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	84.8
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.0	0.24	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	85.8	2.4	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.14	0.12	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	8.8	2.4	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	7.5	0.59	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	6.9	2.4	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.28	0.24	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.12	0.12	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	30.0	12	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20092
(2) Prep QC Batch: MP45566

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B39@25'		
Lab Sample ID:	DA78742-52C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	84.8
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.79		su	1	01/15/26 14:35	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	1.5	0.0010	mmhos/cm	1	01/15/26 13:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.49	0.49	mg/kg	1	01/19/26 20:45	AFL	SW846 7199

(a) Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B40@25'		
Lab Sample ID:	DA78742-53	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	83.9
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	0V3071.D	1	01/17/26 00:24	RT	n/a	n/a	V0V65
Run #2							

	Initial Weight	Final Volume
Run #1	5.43 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0011	0.0011	mg/kg	
100-41-4	Ethylbenzene	< 0.0022	0.0022	mg/kg	
108-88-3	Toluene	< 0.0022	0.0022	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0022	0.0022	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0022	0.0022	mg/kg	
	m,p-Xylene	< 0.0022	0.0022	mg/kg	
95-47-6	o-Xylene	< 0.0022	0.0022	mg/kg	
1330-20-7	Xylene (total)	< 0.0022	0.0022	mg/kg	
	TPH-GRO (C6-C10)	< 0.22	0.22	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		70-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	99%		70-130%
17060-07-0	1,2-Dichloroethane-D4	108%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B40@25'		
Lab Sample ID:	DA78742-53	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	83.9
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G008409.D	1	01/17/26 23:24	ZL	01/16/26 11:00	OP29810	E7G310
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0047	0.0047	mg/kg	
120-12-7	Anthracene	< 0.0047	0.0047	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0058	0.0058	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0047	0.0047	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0047	0.0047	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0047	0.0047	mg/kg	
218-01-9	Chrysene	< 0.0047	0.0047	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0047	0.0047	mg/kg	
206-44-0	Fluoranthene	< 0.0047	0.0047	mg/kg	
86-73-7	Fluorene	< 0.0047	0.0047	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0047	0.0047	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0047	0.0047	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0047	0.0047	mg/kg	
91-20-3	Naphthalene	< 0.0023	0.0023	mg/kg	
129-00-0	Pyrene	< 0.0047	0.0047	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	99%		22-138%
4165-60-0	Nitrobenzene-d5	112%		32-143%
1718-51-0	Terphenyl-d14	51%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B40@25'		
Lab Sample ID:	DA78742-53	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	83.9
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW52134.D	1	01/16/26 09:29	JB	01/15/26 17:00	OP29820	GLW1237
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.6	4.6	mg/kg	
	TPH-ORO (> C28-C36)	< 7.0	7.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	55%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B40@25'		
Lab Sample ID:	DA78742-53A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	83.9
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	37.3	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	9.99	3.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	30.8	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45576

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B40@25'		
Lab Sample ID:	DA78742-53A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	83.9
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	1.16		ratio	1	01/16/26 23:08	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B40@25'		
Lab Sample ID:	DA78742-53B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	83.9
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	0.256	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45561

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	B40@25'		
Lab Sample ID:	DA78742-53C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	83.9
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	4.1	0.21	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	101	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.46	0.10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	18.3	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	13.4	0.52	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	13.2	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.41	0.21	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.10	0.10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	90.3	10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20092
(2) Prep QC Batch: MP45566

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	B40@25'		
Lab Sample ID:	DA78742-53C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	83.9
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	8.04		su	1	01/15/26 14:35	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.44	0.0010	mmhos/cm	1	01/15/26 13:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	0.82	0.48	mg/kg	1	01/19/26 21:06	AFL	SW846 7199

(a) Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B41@25'		
Lab Sample ID:	DA78742-54	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	88.0
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	0V3072.D	1	01/17/26 00:48	RT	n/a	n/a	V0V65
Run #2							

	Initial Weight	Final Volume
Run #1	5.12 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0011	0.0011	mg/kg	
100-41-4	Ethylbenzene	< 0.0022	0.0022	mg/kg	
108-88-3	Toluene	< 0.0022	0.0022	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0022	0.0022	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0022	0.0022	mg/kg	
	m,p-Xylene	< 0.0022	0.0022	mg/kg	
95-47-6	o-Xylene	< 0.0022	0.0022	mg/kg	
1330-20-7	Xylene (total)	< 0.0022	0.0022	mg/kg	
	TPH-GRO (C6-C10)	< 0.22	0.22	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		70-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	100%		70-130%
17060-07-0	1,2-Dichloroethane-D4	107%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B41@25'		
Lab Sample ID:	DA78742-54	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	88.0
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G008410.D	1	01/17/26 23:44	ZL	01/16/26 11:00	OP29810	E7G310
Run #2							

	Initial Weight	Final Volume
Run #1	5.0 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0045	0.0045	mg/kg	
120-12-7	Anthracene	< 0.0045	0.0045	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0057	0.0057	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0045	0.0045	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0045	0.0045	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0045	0.0045	mg/kg	
218-01-9	Chrysene	< 0.0045	0.0045	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0045	0.0045	mg/kg	
206-44-0	Fluoranthene	< 0.0045	0.0045	mg/kg	
86-73-7	Fluorene	< 0.0045	0.0045	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0045	0.0045	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0045	0.0045	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0045	0.0045	mg/kg	
91-20-3	Naphthalene	< 0.0023	0.0023	mg/kg	
129-00-0	Pyrene	< 0.0045	0.0045	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	95%		22-138%
4165-60-0	Nitrobenzene-d5	117%		32-143%
1718-51-0	Terphenyl-d14	60%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B41@25'		
Lab Sample ID:	DA78742-54	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	88.0
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW52135.D	1	01/16/26 09:43	JB	01/15/26 17:00	OP29820	GLW1237
Run #2							

	Initial Weight	Final Volume
Run #1	5.3 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.3	4.3	mg/kg	
	TPH-ORO (> C28-C36)	< 6.4	6.4	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	65%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	B41@25'		
Lab Sample ID:	DA78742-54A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	88.0
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	63.8	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	17.5	3.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	135	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45576

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	B41@25'		
Lab Sample ID:	DA78742-54A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	88.0
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	3.86		ratio	1	01/16/26 23:10	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B41@25'		
Lab Sample ID:	DA78742-54B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	88.0
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	0.286	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45561

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B41@25'		
Lab Sample ID:	DA78742-54C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	88.0
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.2	0.22	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	74.3	2.2	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	1.3	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	16.6	2.2	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	11.8	0.55	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	60.5	2.2	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.25	0.22	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.11	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	93.1	11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20092
(2) Prep QC Batch: MP45566

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B41@25'		
Lab Sample ID:	DA78742-54C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	88.0
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.86		su	1	01/15/26 14:35	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	1.1	0.0010	mmhos/cm	1	01/15/26 13:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.44	0.44	mg/kg	1	01/19/26 21:37	AFL	SW846 7199

(a) Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B42@25'		
Lab Sample ID:	DA78742-55	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	88.4
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	0V3073.D	1	01/17/26 01:15	RT	n/a	n/a	V0V65
Run #2							

	Initial Weight	Final Volume
Run #1	5.30 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0011	0.0011	mg/kg	
100-41-4	Ethylbenzene	< 0.0021	0.0021	mg/kg	
108-88-3	Toluene	< 0.0021	0.0021	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0021	0.0021	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0021	0.0021	mg/kg	
	m,p-Xylene	< 0.0021	0.0021	mg/kg	
95-47-6	o-Xylene	< 0.0021	0.0021	mg/kg	
1330-20-7	Xylene (total)	< 0.0021	0.0021	mg/kg	
	TPH-GRO (C6-C10)	< 0.21	0.21	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		70-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	101%		70-130%
17060-07-0	1,2-Dichloroethane-D4	102%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B42@25'		
Lab Sample ID:	DA78742-55	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	88.4
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G008407.D	1	01/17/26 22:43	ZL	01/16/26 11:00	OP29810	E7G310
Run #2							

	Initial Weight	Final Volume
Run #1	5.0 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0045	0.0045	mg/kg	
120-12-7	Anthracene	< 0.0045	0.0045	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0057	0.0057	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0045	0.0045	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0045	0.0045	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0045	0.0045	mg/kg	
218-01-9	Chrysene	< 0.0045	0.0045	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0045	0.0045	mg/kg	
206-44-0	Fluoranthene	< 0.0045	0.0045	mg/kg	
86-73-7	Fluorene	< 0.0045	0.0045	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0045	0.0045	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0045	0.0045	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0045	0.0045	mg/kg	
91-20-3	Naphthalene	< 0.0023	0.0023	mg/kg	
129-00-0	Pyrene	< 0.0045	0.0045	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	97%		22-138%
4165-60-0	Nitrobenzene-d5	116%		32-143%
1718-51-0	Terphenyl-d14	79%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B42@25'		
Lab Sample ID:	DA78742-55	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	88.4
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW52136.D	1	01/16/26 09:56	JB	01/15/26 17:00	OP29820	GLW1237
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.3	4.3	mg/kg	
	TPH-ORO (> C28-C36)	< 6.5	6.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	61%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B42@25'		
Lab Sample ID:	DA78742-55A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	88.4
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	89.7	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	26.6	3.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	48.4	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45576

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B42@25'		
Lab Sample ID:	DA78742-55A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	88.4
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	1.15		ratio	1	01/16/26 23:11	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B42@25'		
Lab Sample ID:	DA78742-55B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	88.4
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.25	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45561

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B42@25'		
Lab Sample ID:	DA78742-55C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	88.4
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.6	0.22	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	58.7	2.2	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.14	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	7.4	2.2	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	6.5	0.54	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	6.0	2.2	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.22	0.22	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.11	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	44.4	11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20092
(2) Prep QC Batch: MP45566

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B42@25'		
Lab Sample ID:	DA78742-55C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	88.4
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.52		su	1	01/15/26 14:35	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.92	0.0010	mmhos/cm	1	01/15/26 13:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.44	0.44	mg/kg	1	01/19/26 21:47	AFL	SW846 7199

(a) Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B43@25'		
Lab Sample ID:	DA78742-56	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	84.9
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	0V3074.D	1	01/17/26 01:39	RT	n/a	n/a	V0V65
Run #2							

	Initial Weight	Final Volume
Run #1	5.17 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0011	0.0011	mg/kg	
100-41-4	Ethylbenzene	< 0.0023	0.0023	mg/kg	
108-88-3	Toluene	< 0.0023	0.0023	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0023	0.0023	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0023	0.0023	mg/kg	
	m,p-Xylene	< 0.0023	0.0023	mg/kg	
95-47-6	o-Xylene	< 0.0023	0.0023	mg/kg	
1330-20-7	Xylene (total)	< 0.0023	0.0023	mg/kg	
	TPH-GRO (C6-C10)	< 0.23	0.23	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		70-130%
2037-26-5	Toluene-D8	100%		70-130%
460-00-4	4-Bromofluorobenzene	101%		70-130%
17060-07-0	1,2-Dichloroethane-D4	104%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B43@25'		
Lab Sample ID:	DA78742-56	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	84.9
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G008411.D	1	01/18/26 00:04	ZL	01/16/26 11:00	OP29810	E7G310
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0046	0.0046	mg/kg	
120-12-7	Anthracene	< 0.0046	0.0046	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0058	0.0058	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0046	0.0046	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0046	0.0046	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0046	0.0046	mg/kg	
218-01-9	Chrysene	< 0.0046	0.0046	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0046	0.0046	mg/kg	
206-44-0	Fluoranthene	< 0.0046	0.0046	mg/kg	
86-73-7	Fluorene	< 0.0046	0.0046	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0046	0.0046	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0046	0.0046	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0046	0.0046	mg/kg	
91-20-3	Naphthalene	< 0.0023	0.0023	mg/kg	
129-00-0	Pyrene	< 0.0046	0.0046	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	81%		22-138%
4165-60-0	Nitrobenzene-d5	111%		32-143%
1718-51-0	Terphenyl-d14	52%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B43@25'		
Lab Sample ID:	DA78742-56	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	84.9
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW52137.D	1	01/16/26 10:09	JB	01/15/26 17:00	OP29820	GLW1237
Run #2							

	Initial Weight	Final Volume
Run #1	5.0 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.7	4.7	mg/kg	
	TPH-ORO (> C28-C36)	< 7.0	7.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	68%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B43@25'		
Lab Sample ID:	DA78742-56A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	84.9
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	58.1	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	17.0	3.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	62.5	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45576

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B43@25'		
Lab Sample ID:	DA78742-56A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	84.9
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	1.85		ratio	1	01/16/26 23:13	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B43@25'		
Lab Sample ID:	DA78742-56B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	84.9
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.25	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45561

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B43@25'		
Lab Sample ID:	DA78742-56C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	84.9
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.6	0.23	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	68.7	2.3	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.29	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	13.6	2.3	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	12.1	0.57	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	12.7	2.3	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.23	0.23	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.11	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	63.0	11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20092
(2) Prep QC Batch: MP45566

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B43@25'		
Lab Sample ID:	DA78742-56C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	84.9
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.86		su	1	01/15/26 14:35	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.72	0.0010	mmhos/cm	1	01/15/26 13:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.46	0.46	mg/kg	1	01/19/26 22:08	AFL	SW846 7199

(a) Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B44@25'		
Lab Sample ID:	DA78742-57	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	91.8
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	0V3170.D	1	01/20/26 13:26	MB	n/a	n/a	V0V69
Run #2							

	Initial Weight	Final Volume
Run #1	5.20 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0010	0.0010	mg/kg	
100-41-4	Ethylbenzene	< 0.0021	0.0021	mg/kg	
108-88-3	Toluene	< 0.0021	0.0021	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0021	0.0021	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0021	0.0021	mg/kg	
	m,p-Xylene	< 0.0021	0.0021	mg/kg	
95-47-6	o-Xylene	< 0.0021	0.0021	mg/kg	
1330-20-7	Xylene (total)	< 0.0021	0.0021	mg/kg	
	TPH-GRO (C6-C10)	< 0.21	0.21	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		70-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	101%		70-130%
17060-07-0	1,2-Dichloroethane-D4	111%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B44@25'		
Lab Sample ID:	DA78742-57	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	91.8
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G008412.D	1	01/18/26 00:25	ZL	01/16/26 11:00	OP29810	E7G310
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0042	0.0042	mg/kg	
120-12-7	Anthracene	< 0.0042	0.0042	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0052	0.0052	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0042	0.0042	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0042	0.0042	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0042	0.0042	mg/kg	
218-01-9	Chrysene	< 0.0042	0.0042	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0042	0.0042	mg/kg	
206-44-0	Fluoranthene	< 0.0042	0.0042	mg/kg	
86-73-7	Fluorene	< 0.0042	0.0042	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0042	0.0042	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0042	0.0042	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0042	0.0042	mg/kg	
91-20-3	Naphthalene	< 0.0021	0.0021	mg/kg	
129-00-0	Pyrene	< 0.0042	0.0042	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	92%		22-138%
4165-60-0	Nitrobenzene-d5	121%		32-143%
1718-51-0	Terphenyl-d14	56%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B44@25'		
Lab Sample ID:	DA78742-57	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	91.8
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW52138.D	1	01/16/26 10:22	JB	01/15/26 17:00	OP29820	GLW1237
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.2	4.2	mg/kg	
	TPH-ORO (> C28-C36)	< 6.3	6.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	53%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B44@25'		
Lab Sample ID:	DA78742-57A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	91.8
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	101	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	31.9	3.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	238	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45576

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B44@25'		
Lab Sample ID:	DA78742-57A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	91.8
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	5.29		ratio	1	01/16/26 23:15	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B44@25'		
Lab Sample ID:	DA78742-57B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	91.8
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	0.430	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45561

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B44@25'		
Lab Sample ID:	DA78742-57C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	91.8
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.5	0.21	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	52.4	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.11	0.10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	9.0	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	5.2	0.51	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	4.9	2.1	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.21	0.21	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.10	0.10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	27.3	10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20092
(2) Prep QC Batch: MP45566

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B44@25'		
Lab Sample ID:	DA78742-57C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	91.8
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.84		su	1	01/15/26 14:35	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	1.9	0.0010	mmhos/cm	1	01/15/26 13:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.45	0.45	mg/kg	1	01/19/26 22:29	AFL	SW846 7199

(a) Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B45@25'		
Lab Sample ID:	DA78742-58	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	86.2
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	0V3171.D	1	01/20/26 13:51	MB	n/a	n/a	V0V69
Run #2							

	Initial Weight	Final Volume
Run #1	5.20 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0011	0.0011	mg/kg	
100-41-4	Ethylbenzene	< 0.0022	0.0022	mg/kg	
108-88-3	Toluene	< 0.0022	0.0022	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0022	0.0022	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0022	0.0022	mg/kg	
	m,p-Xylene	< 0.0022	0.0022	mg/kg	
95-47-6	o-Xylene	< 0.0022	0.0022	mg/kg	
1330-20-7	Xylene (total)	< 0.0022	0.0022	mg/kg	
	TPH-GRO (C6-C10)	< 0.22	0.22	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		70-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	100%		70-130%
17060-07-0	1,2-Dichloroethane-D4	105%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B45@25'		
Lab Sample ID:	DA78742-58	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	86.2
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G008413.D	1	01/18/26 00:45	ZL	01/16/26 11:00	OP29810	E7G310
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0045	0.0045	mg/kg	
120-12-7	Anthracene	< 0.0045	0.0045	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0056	0.0056	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0045	0.0045	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0045	0.0045	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0045	0.0045	mg/kg	
218-01-9	Chrysene	< 0.0045	0.0045	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0045	0.0045	mg/kg	
206-44-0	Fluoranthene	< 0.0045	0.0045	mg/kg	
86-73-7	Fluorene	< 0.0045	0.0045	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0045	0.0045	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0045	0.0045	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0045	0.0045	mg/kg	
91-20-3	Naphthalene	< 0.0022	0.0022	mg/kg	
129-00-0	Pyrene	< 0.0045	0.0045	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	101%		22-138%
4165-60-0	Nitrobenzene-d5	123%		32-143%
1718-51-0	Terphenyl-d14	73%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B45@25'		
Lab Sample ID:	DA78742-58	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	86.2
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW52139.D	1	01/16/26 10:36	JB	01/15/26 17:00	OP29820	GLW1237
Run #2							

	Initial Weight	Final Volume
Run #1	5.3 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.4	4.4	mg/kg	
	TPH-ORO (> C28-C36)	< 6.6	6.6	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	65%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B45@25'		
Lab Sample ID:	DA78742-58A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	86.2
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	98.4	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	28.4	3.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	369	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45576

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B45@25'		
Lab Sample ID:	DA78742-58A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	86.2
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	8.43		ratio	1	01/16/26 23:16	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B45@25'		
Lab Sample ID:	DA78742-58B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	86.2
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	0.343	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45561

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B45@25'		
Lab Sample ID:	DA78742-58C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	86.2
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.2	0.22	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	66.2	2.2	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.27	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	9.5	2.2	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	7.6	0.55	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	11.9	2.2	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.22	0.22	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.11	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	48.9	11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20092
(2) Prep QC Batch: MP45566

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B45@25'		
Lab Sample ID:	DA78742-58C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	86.2
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.85		su	1	01/15/26 14:35	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	2.4	0.0010	mmhos/cm	1	01/15/26 13:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.47	0.47	mg/kg	1	01/19/26 23:10	AFL	SW846 7199

(a) Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B46@25'		
Lab Sample ID:	DA78742-59	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	81.4
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	0V3176.D	1	01/20/26 15:58	MB	n/a	n/a	V0V69
Run #2							

	Initial Weight	Final Volume
Run #1	5.06 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0012	0.0012	mg/kg	
100-41-4	Ethylbenzene	< 0.0024	0.0024	mg/kg	
108-88-3	Toluene	< 0.0024	0.0024	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0024	0.0024	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0024	0.0024	mg/kg	
	m,p-Xylene	< 0.0024	0.0024	mg/kg	
95-47-6	o-Xylene	< 0.0024	0.0024	mg/kg	
1330-20-7	Xylene (total)	< 0.0024	0.0024	mg/kg	
	TPH-GRO (C6-C10)	< 0.24	0.24	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	99%		70-130%
17060-07-0	1,2-Dichloroethane-D4	114%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B46@25'		
Lab Sample ID:	DA78742-59	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	81.4
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G008414.D	1	01/18/26 01:05	ZL	01/16/26 11:00	OP29810	E7G310
Run #2							

	Initial Weight	Final Volume
Run #1	5.3 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0046	0.0046	mg/kg	
120-12-7	Anthracene	< 0.0046	0.0046	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0058	0.0058	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0046	0.0046	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0046	0.0046	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0046	0.0046	mg/kg	
218-01-9	Chrysene	< 0.0046	0.0046	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0046	0.0046	mg/kg	
206-44-0	Fluoranthene	< 0.0046	0.0046	mg/kg	
86-73-7	Fluorene	< 0.0046	0.0046	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0046	0.0046	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0046	0.0046	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0046	0.0046	mg/kg	
91-20-3	Naphthalene	< 0.0023	0.0023	mg/kg	
129-00-0	Pyrene	< 0.0046	0.0046	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	85%		22-138%
4165-60-0	Nitrobenzene-d5	111%		32-143%
1718-51-0	Terphenyl-d14	49%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B46@25'		
Lab Sample ID:	DA78742-59	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	81.4
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW52140.D	1	01/16/26 10:49	JB	01/15/26 10:30	OP29820	GLW1237
Run #2							

	Initial Weight	Final Volume
Run #1	5.4 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.6	4.6	mg/kg	
	TPH-ORO (> C28-C36)	< 6.8	6.8	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	55%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B46@25'		
Lab Sample ID:	DA78742-59A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	81.4
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	61.8	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	18.1	3.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	310	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45576

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B46@25'		
Lab Sample ID:	DA78742-59A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	81.4
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	8.91		ratio	1	01/16/26 23:21	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B46@25'		
Lab Sample ID:	DA78742-59B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	81.4
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	0.906	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45561

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B46@25'		
Lab Sample ID:	DA78742-59C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	81.4
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.0	0.23	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	99.8	2.3	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.23	0.12	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	12.9	2.3	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	11.5	0.58	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	11.4	2.3	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.23	0.23	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.12	0.12	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	54.1	12	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20092
(2) Prep QC Batch: MP45566

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B46@25'		
Lab Sample ID:	DA78742-59C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	81.4
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.93		su	1	01/15/26 14:35	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	1.7	0.0010	mmhos/cm	1	01/15/26 13:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.51	0.51	mg/kg	1	01/19/26 23:31	AFL	SW846 7199

(a) Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B47@12'		
Lab Sample ID:	DA78742-60	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	86.5
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	0V3177.D	1	01/20/26 16:23	MB	n/a	n/a	V0V69
Run #2							

	Initial Weight	Final Volume
Run #1	5.18 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0011	0.0011	mg/kg	
100-41-4	Ethylbenzene	< 0.0022	0.0022	mg/kg	
108-88-3	Toluene	< 0.0022	0.0022	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0022	0.0022	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0022	0.0022	mg/kg	
	m,p-Xylene	< 0.0022	0.0022	mg/kg	
95-47-6	o-Xylene	< 0.0022	0.0022	mg/kg	
1330-20-7	Xylene (total)	< 0.0022	0.0022	mg/kg	
	TPH-GRO (C6-C10)	< 0.22	0.22	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		70-130%
2037-26-5	Toluene-D8	100%		70-130%
460-00-4	4-Bromofluorobenzene	103%		70-130%
17060-07-0	1,2-Dichloroethane-D4	108%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B47@12'		
Lab Sample ID:	DA78742-60	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	86.5
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G008415.D	1	01/18/26 01:25	ZL	01/16/26 11:00	OP29810	E7G310
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0044	0.0044	mg/kg	
120-12-7	Anthracene	< 0.0044	0.0044	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0056	0.0056	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0044	0.0044	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0044	0.0044	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0044	0.0044	mg/kg	
218-01-9	Chrysene	< 0.0044	0.0044	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0044	0.0044	mg/kg	
206-44-0	Fluoranthene	< 0.0044	0.0044	mg/kg	
86-73-7	Fluorene	< 0.0044	0.0044	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0044	0.0044	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0044	0.0044	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0044	0.0044	mg/kg	
91-20-3	Naphthalene	< 0.0022	0.0022	mg/kg	
129-00-0	Pyrene	< 0.0044	0.0044	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	97%		22-138%
4165-60-0	Nitrobenzene-d5	116%		32-143%
1718-51-0	Terphenyl-d14	65%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B47@12'		
Lab Sample ID:	DA78742-60	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	86.5
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW52141.D	1	01/16/26 11:03	JB	01/15/26 10:30	OP29820	GLW1237
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	5.56	4.4	mg/kg	
	TPH-ORO (> C28-C36)	12.2	6.6	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	66%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B47@12'		
Lab Sample ID:	DA78742-60A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	86.5
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	83.0	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	24.7	3.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	943	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45576

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B47@12'		
Lab Sample ID:	DA78742-60A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	86.5
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	23.3		ratio	1	01/16/26 23:23	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B47@12'		
Lab Sample ID:	DA78742-60B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	86.5
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	1.02	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45561

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B47@12'		
Lab Sample ID:	DA78742-60C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	86.5
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	4.2	0.20	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	143	2.0	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.21	0.10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	12.0	2.0	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	10.8	0.50	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	10.1	2.0	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.22	0.20	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.10	0.10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	34.7	10	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20092
(2) Prep QC Batch: MP45566

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B47@12'		
Lab Sample ID:	DA78742-60C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	86.5
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.84		su	1	01/15/26 14:35	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	4.6	0.0010	mmhos/cm	1	01/15/26 13:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.47	0.47	mg/kg	1	01/19/26 23:51	AFL	SW846 7199

(a) Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B48@12'		
Lab Sample ID:	DA78742-61	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	80.3
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	0V3178.D	1	01/20/26 16:48	MB	n/a	n/a	V0V69
Run #2							

	Initial Weight	Final Volume
Run #1	5.34 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0012	0.0012	mg/kg	
100-41-4	Ethylbenzene	< 0.0023	0.0023	mg/kg	
108-88-3	Toluene	< 0.0023	0.0023	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0023	0.0023	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0023	0.0023	mg/kg	
	m,p-Xylene	< 0.0023	0.0023	mg/kg	
95-47-6	o-Xylene	< 0.0023	0.0023	mg/kg	
1330-20-7	Xylene (total)	< 0.0023	0.0023	mg/kg	
	TPH-GRO (C6-C10)	< 0.23	0.23	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	100%		70-130%
17060-07-0	1,2-Dichloroethane-D4	118%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B48@12'		
Lab Sample ID:	DA78742-61	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	80.3
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G008416.D	1	01/18/26 01:45	ZL	01/16/26 11:00	OP29810	E7G310
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0049	0.0049	mg/kg	
120-12-7	Anthracene	< 0.0049	0.0049	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0061	0.0061	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0049	0.0049	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0049	0.0049	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0049	0.0049	mg/kg	
218-01-9	Chrysene	< 0.0049	0.0049	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0049	0.0049	mg/kg	
206-44-0	Fluoranthene	< 0.0049	0.0049	mg/kg	
86-73-7	Fluorene	< 0.0049	0.0049	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0049	0.0049	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0049	0.0049	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0049	0.0049	mg/kg	
91-20-3	Naphthalene	< 0.0024	0.0024	mg/kg	
129-00-0	Pyrene	< 0.0049	0.0049	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	84%		22-138%
4165-60-0	Nitrobenzene-d5	114%		32-143%
1718-51-0	Terphenyl-d14	58%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B48@12'		
Lab Sample ID:	DA78742-61	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	80.3
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW52142.D	1	01/16/26 11:16	JB	01/15/26 17:00	OP29820	GLW1237
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.8	4.8	mg/kg	
	TPH-ORO (> C28-C36)	< 7.2	7.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	72%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	B48@12'		
Lab Sample ID:	DA78742-61A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	80.3
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	173	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	102	3.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	114	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45576

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	B48@12'		
Lab Sample ID:	DA78742-61A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	80.3
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	1.70		ratio	1	01/16/26 23:24	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	B48@12'		
Lab Sample ID:	DA78742-61B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	80.3
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	0.482	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45561

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B48@12'		
Lab Sample ID:	DA78742-61C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	80.3
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	5.7	0.23	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	102	2.3	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.17	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	13.6	2.3	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	13.6	0.57	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	20.3	2.3	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.23	0.23	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.11	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	55.5	11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20092
(2) Prep QC Batch: MP45566

RL = Reporting Limit

Report of Analysis

Client Sample ID:	B48@12'		
Lab Sample ID:	DA78742-61C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	80.3
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	9.74		su	1	01/15/26 14:35	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.41	0.0010	mmhos/cm	1	01/15/26 13:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.48	0.48	mg/kg	1	01/20/26 00:12	AFL	SW846 7199

(a) Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S26@8'		
Lab Sample ID:	DA78742-62	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	86.8
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	0V3179.D	1	01/20/26 17:12	MB	n/a	n/a	V0V69
Run #2							

	Initial Weight	Final Volume
Run #1	5.11 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0011	0.0011	mg/kg	
100-41-4	Ethylbenzene	< 0.0023	0.0023	mg/kg	
108-88-3	Toluene	< 0.0023	0.0023	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0023	0.0023	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0023	0.0023	mg/kg	
	m,p-Xylene	< 0.0023	0.0023	mg/kg	
95-47-6	o-Xylene	< 0.0023	0.0023	mg/kg	
1330-20-7	Xylene (total)	< 0.0023	0.0023	mg/kg	
	TPH-GRO (C6-C10)	< 0.23	0.23	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		70-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	101%		70-130%
17060-07-0	1,2-Dichloroethane-D4	104%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	S26@8'		
Lab Sample ID:	DA78742-62	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	86.8
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G008417.D	1	01/18/26 02:06	ZL	01/16/26 11:00	OP29810	E7G310
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0045	0.0045	mg/kg	
120-12-7	Anthracene	< 0.0045	0.0045	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0056	0.0056	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0045	0.0045	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0045	0.0045	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0045	0.0045	mg/kg	
218-01-9	Chrysene	< 0.0045	0.0045	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0045	0.0045	mg/kg	
206-44-0	Fluoranthene	< 0.0045	0.0045	mg/kg	
86-73-7	Fluorene	< 0.0045	0.0045	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0045	0.0045	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0045	0.0045	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0045	0.0045	mg/kg	
91-20-3	Naphthalene	< 0.0023	0.0023	mg/kg	
129-00-0	Pyrene	< 0.0045	0.0045	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	111%		22-138%
4165-60-0	Nitrobenzene-d5	140%		32-143%
1718-51-0	Terphenyl-d14	114%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	S26@8'		
Lab Sample ID:	DA78742-62	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	86.8
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW52143.D	1	01/16/26 11:29	JB	01/15/26 17:00	OP29820	GLW1237
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.4	4.4	mg/kg	
	TPH-ORO (> C28-C36)	< 6.7	6.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	72%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	S26@8'		
Lab Sample ID:	DA78742-62A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	86.8
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	31.2	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	13.0	3.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	20.0	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45576

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S26@8'		
Lab Sample ID:	DA78742-62A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	86.8
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.759		ratio	1	01/16/26 23:26	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S26@8'		
Lab Sample ID:	DA78742-62B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	86.8
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	0.311	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45561

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	S26@8'		
Lab Sample ID:	DA78742-62C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	86.8
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	4.3	0.23	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	156	2.3	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	< 0.12	0.12	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	9.6	2.3	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	9.1	0.58	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	11.9	2.3	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.23	0.23	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.12	0.12	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	28.4	12	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20092
(2) Prep QC Batch: MP45566

RL = Reporting Limit

Report of Analysis

Client Sample ID:	S26@8'		
Lab Sample ID:	DA78742-62C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	86.8
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	8.12		su	1	01/15/26 14:35	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.31	0.0010	mmhos/cm	1	01/15/26 13:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.45	0.45	mg/kg	1	01/20/26 00:33	AFL	SW846 7199

(a) Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N31@8'		
Lab Sample ID:	DA78742-63	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8260D	**Percent Solids:**	85.8
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	0V3180.D	1	01/20/26 17:37	MB	n/a	n/a	V0V69
Run #2							

	Initial Weight	Final Volume
Run #1	5.07 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0011	0.0011	mg/kg	
100-41-4	Ethylbenzene	< 0.0023	0.0023	mg/kg	
108-88-3	Toluene	< 0.0023	0.0023	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0023	0.0023	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0023	0.0023	mg/kg	
	m,p-Xylene	< 0.0023	0.0023	mg/kg	
95-47-6	o-Xylene	< 0.0023	0.0023	mg/kg	
1330-20-7	Xylene (total)	< 0.0023	0.0023	mg/kg	
	TPH-GRO (C6-C10)	< 0.23	0.23	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		70-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	101%		70-130%
17060-07-0	1,2-Dichloroethane-D4	106%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	N31@8'		
Lab Sample ID:	DA78742-63	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846 8270E SW846 3570	**Percent Solids:**	85.8
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G008418.D	1	01/18/26 02:26	ZL	01/16/26 11:00	OP29810	E7G310
Run #2							

	Initial Weight	Final Volume
Run #1	5.0 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0047	0.0047	mg/kg	
120-12-7	Anthracene	< 0.0047	0.0047	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0058	0.0058	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0047	0.0047	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0047	0.0047	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0047	0.0047	mg/kg	
218-01-9	Chrysene	< 0.0047	0.0047	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0047	0.0047	mg/kg	
206-44-0	Fluoranthene	< 0.0047	0.0047	mg/kg	
86-73-7	Fluorene	< 0.0047	0.0047	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0047	0.0047	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0047	0.0047	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0047	0.0047	mg/kg	
91-20-3	Naphthalene	< 0.0023	0.0023	mg/kg	
129-00-0	Pyrene	< 0.0047	0.0047	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	112%		22-138%
4165-60-0	Nitrobenzene-d5	135%		32-143%
1718-51-0	Terphenyl-d14	83%		48-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	N31@8'		
Lab Sample ID:	DA78742-63	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
Method:	SW846-8015C SW846 3570	**Percent Solids:**	85.8
Project:	Gordon 13-19		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW52144.D	1	01/16/26 11:43	JB	01/15/26 17:00	OP29820	GLW1237
Run #2							

	Initial Weight	Final Volume
Run #1	5.4 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.3	4.3	mg/kg	
	TPH-ORO (> C28-C36)	< 6.5	6.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	73%		44-149%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	N31@8'		
Lab Sample ID:	DA78742-63A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	85.8
Project:	Gordon 13-19		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	192	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	93.4	3.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	1640	6.0	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA20094
(2) Prep QC Batch: MP45576

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N31@8'		
Lab Sample ID:	DA78742-63A	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	85.8
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	24.3		ratio	1	01/16/26 23:27	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N31@8'		
Lab Sample ID:	DA78742-63B	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	85.8
Project:	Gordon 13-19		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	0.669	0.25	mg/l	1	01/15/26	01/16/26	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA20093
(2) Prep QC Batch: MP45561

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	N31@8'		
Lab Sample ID:	DA78742-63C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	85.8
Project:	Gordon 13-19		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	4.4	0.22	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	172	2.2	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.12	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	10.4	2.2	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	9.5	0.56	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	10.3	2.2	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.23	0.22	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.11	0.11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	32.2	11	mg/kg	10	01/15/26	01/16/26	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA20092
(2) Prep QC Batch: MP45566

RL = Reporting Limit

Report of Analysis

Client Sample ID:	N31@8'		
Lab Sample ID:	DA78742-63C	**Date Sampled:**	01/14/26
Matrix:	SO - Soil	**Date Received:**	01/14/26
		Percent Solids:	85.8
Project:	Gordon 13-19		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH	7.75		su	1	01/15/26 14:35	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	8.2	0.0010	mmhos/cm	1	01/15/26 13:00	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.47	0.47	mg/kg	1	01/20/26 00:53	AFL	SW846 7199

(a) Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

SGS North America Inc. - Wheat Ridge
4036 Youngfield Street, Wheat Ridge, CO 80033
TEL: 303-425-6021 FAX: 303-425-6854
www.sgs.com/ehsusa

Bottle Order Control #:
FED-EX Tracking #:
SGS Quote #:
SGS Job #: DA78742

Client / Reporting Information

Company: Ensolum
Street: 1100 W 44th Ave, Ste. 100
City, State ZIP: Wheat Ridge, CO 80033
Project Contact: Tanna Lyon
Phone:
Email: tlyon@ensolum.com
Sampler(s) Name(s): MB, AD, EG, JR

Project Information

Project Name: Gordon 13-19
Street:
City, State ZIP:
Project #: 09C2407089
Client Purchase Order #: AFE: 2500024 M/M: 8523.195
Project Manager:

Billing Information (if different from Report to)

Company: Civitas
Street Address: 650 Southgate Dr
City, State ZIP: Windsor, CO 80550
Attention: Seth Robinson

Requested Analysis (see TEST CODE sheet)

FULL LIST 915

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; SED - Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB - Field Blank; EB - Equipment Blank; RB - Rinse Blank; TB - Trip Blank
D=dissolved metals; PD=Potentially dissolved; TR=Total recoverable

Field ID / Point of Collection	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: NONE	HCl	NaOH	HNO3	H2SO4	DI Water	MeOH	ENCORE	Na2S2O3	Na2SO3	LAB USE ONLY
E11 e8'	11/14/26	1340	EG	SO	3	X										
E12 e12'		0900														
E13 e12'		0902														
E14 e12'		0904														
N18 e12'		0908														
N19 e12'		0910														
N20 e12'		0912														
N21 e12'		0914														
N22 e12'		0918														
N23 e12'		0922														
N24 e12'		0924														

Turnaround Time (Business days)

- [X] Standard 10 Business Days — Special Reporting Instructions
- [ ] 5 Business Days RUSH — [ ] Report in PPB
- [ ] 3 Business Days RUSH — [ ] Report in PPM
- [ ] 2 Business Days RUSH — [ ] Report MDLs
- [ ] 1 Business Day EMERGENCY

Emergency & Rush T/A data available via Email or LabLink. RUSH TAT approval needed.

Data Deliverable Information

- [ ] Commercial "A" (Level 1, Results Only)
- [ ] Commercial "B" (Level 2, Results + QC Summary)
- [ ] COMMBN (Results/QC/Narrative)
- [ ] COMMBN+ [Results/QC/Narrative (+ chromatograms)]
- [ ] REDT2 (Results/QC Summary/partial raw data)
- [ ] FULT1 — [ ] EDD Format

Comments / Special Instructions

**Metals: specify metal(s), method, and type (D, PD, TR)

Sample Custody must be documented below each time samples change possession, including courier, Fed Ex, USP, USPS delivery. HD

Relinquished by Sampler/Affiliation:	Date/Time:	Received By/Affiliation:	Relinquished By/Affiliation:	Date/Time:	Received By/Affiliation:
1	11/19/26 1609	1	2		2
Relinquished by/Affiliation: 3	Date/Time:	Received By/Affiliation: 3	Relinquished By/Affiliation: 4	Date/Time:	Received By/Affiliation: 4

Custody Seal #: Intact [ ] Not Intact [ ] Absent [ ]
Preserved where applicable [ ] Cooler Temp. °C (corrected): 3.5 Therm. ID: IR24 On Ice [X]

http://www.sgs.com/en/terms-and-conditions

CHAIN OF CUSTODY

SGS North America Inc. - Wheat Ridge
4036 Youngfield Street, Wheat Ridge, CO 80033
TEL: 303-425-6021 FAX: 303-425-6854
www.sgs.com/ehsusa

Bottle Order Control #	FED-EX Tracking #
SGS Quote #	SGS Job # DA78742

Client / Reporting Information

Company: Ensolum
Street: 11049 W 44th Ave. Ste. 100
City, State ZIP: Wheat Ridge, CO 80033
Project Contact: Tanna Lyon
Phone:
Email: tlyon@ensolum.com
Sampler(s) Name(s): MB, AD, EG, JR

Project Information

Project Name: Gordon 13-19
Street:
City, State ZIP:
Project #: 09C2407089
Client Purchase Order #: AFE: 2500024 M/M: 8523.195
Project Manager:

Billing Information (if different from Report to)

Company: Civitas
Street Address: 650 Southgate Dr
City, State ZIP: Windsor, CO 80550
Attention: Seth Robinson

Requested Analysis (see TEST CODE sheet)

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED - Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB - Field Blank
EB - Equipment Blank
RB - Rinse Blank
TB - Trip Blank

D=dissolved metals
PD=Potentially dissolved
TR=Total recoverable

	Field ID / Point of Collection	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: NONE	HCl	NaOH	HNO3	H2SO4	DI Water	MeOH	ENCORE	Na2S2O3	Na2SO3	FULL LIST 915	LAB USE ONLY
12	N25 @12'	1/14/26	0926	EG	SO	3	X										X	
13	N26 @12'		0928															
14	N27 @12'		0930															
15	N28 @12'		0932															
16	N29 @12'		0936															
17	N30 @12'		0940															
18	W16 @12'		0942															
19	W17 @12'		0944															
20	W18 @12'		0946															
21	W19 @12'		0948															
22	W20 @12'		0950															
23	~~W21~~ JR S13 @12'		0955															

Turnaround Time (Business days)

- [x] Standard 10 Business Days — Special Reporting Instructions
- [ ] 5 Business Days RUSH — [ ] Report in PPB
- [ ] 3 Business Days RUSH — [ ] Report in PPM
- [ ] 2 Business Days RUSH — [ ] Report MDLs
- [ ] 1 Business Day EMERGENCY
- Emergency & Rush T/A data available via Email or LabLink. RUSH TAT approval needed.

Data Deliverable Information

- [ ] Commercial "A" (Level 1, Results Only)
- [ ] Commercial "B" (Level 2, Results + QC Summary)
- [ ] COMMBN (Results/QC/Narrative)
- [ ] COMMBN+ (Results/QC/Narrative (+ chromatograms))]
- [ ] REDT2 (Results/QC Summary/partial raw data)
- [ ] FULT1 — [ ] EDD Format

Comments / Special Instructions

**Metals: specify metal(s), method, and type (D, PD, TR)

Sample Custody must be documented below each time samples change possession, including courier, Fed Ex, USP, USPS delivery.

Relinquished by Sampler/Affiliation: 1	Date/Time: 1/14/26 1609	Received By/Affiliation: 1	Relinquished By/Affiliation: 2	Date/Time:	Received By/Affiliation: 2
Relinquished by/Affiliation: 3	Date/Time:	Received By/Affiliation: 3	Relinquished By/Affiliation: 4	Date/Time:	Received By/Affiliation: 4

Custody Seal #: Intact [ ] Not intact [ ] Absent [ ]
Preserved where applicable [ ] Cooler Temp. °C (corrected): 3.5 Therm. ID: IR4 On Ice [ ]

http://www.sgs.com/en/terms-and-conditions

CHAIN OF CUSTODY

SGS North America Inc. - Wheat Ridge
4036 Youngfield Street, Wheat Ridge, CO 80033
TEL: 303-425-6021 FAX: 303-425-6854
www.sgs.com/ehsusa

Bottle Order Control #:
FED-EX Tracking #:
SGS Quote #:
SGS Job #: DA78742

Client / Reporting Information

Company: Ensolum
Street: 11049 W 44th Ave. Ste. 100
City, State ZIP: Wheat Ridge, CO 80033
Project Contact: Tanna Lyon
Phone:
Email: tlyon@ensolum.com
Sampler(s) Name(s): MB, AD, EG, JR

Project Information

Project Name: Gordon 13-19
Street:
City, State ZIP:
Project #: 09C24070 89
Client Purchase Order #: AFE: 250024 M/M: 8523.195
Project Manager:

Billing Information (if different from Report to)

Company: Civitas
Street Address: 650 southgate Dr
City, State ZIP: Windsor, CO 80550
Attention: Seth Robinson

Requested Analysis (see TEST CODE sheet)

Field ID / Point of Collection	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: NONE	HCl	NaOH	HNO3	H2SO4	DI Water	MeOH	ENCORE	Na2S2O3	NaZSO3	FULL LIST 915	LAB USE ONLY
S14 @ 12'	1/14/26	957	EG	SO	3	X										X	
S15 @ 12'		1000															
S16 @ 12'		1005															
S17 @ 12'		1010															
S18 @ 12'		1015															
S19 @ 12'		1020															
S20 @ 12'		1025															
S21 @ 12' 25'		1030															
S22 @ 12'		1035															
S23 @ 12'		1040															
S24 @ 12'		1045															
S25 @ 12'		1050															

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; SED - Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB - Field Blank; EB - Equipment Blank; RB - Rinse Blank; TB - Trip Blank
D=dissolved metals; PD=Potentially dissolved; TR=Total recoverable

Turnaround Time (Business days)

- [X] Standard 10 Business Days — Special Reporting Instructions
- [ ] 5 Business Days RUSH — [ ] Report in PPB
- [ ] 3 Business Days RUSH — [ ] Report in PPM
- [ ] 2 Business Days RUSH — [ ] Report MDLs
- [ ] 1 Business Day EMERGENCY

Emergency & Rush T/A data available via Email or LabLink. RUSH TAT approval needed.

Data Deliverable Information

- [ ] Commercial "A" (Level 1, Results Only)
- [ ] Commercial "B" (Level 2, Results + QC Summary)
- [ ] COMMBN (Results/QC/Narrative)
- [ ] COMMBN+ [Results/QC/Narrative (+ chromatograms)]
- [ ] REDT2 (Results/QC Summary/partial raw data)
- [ ] FULT1 — [ ] EDD Format

Comments / Special Instructions

**Metals: specify metal(s), method, and type (D, PD, TR)

Sample Custody must be documented below each time samples change possession, including courier, Fed Ex, USP, USPS delivery.

Relinquished by Sampler/Affiliation:	Date/Time:	Received By/Affiliation:	Relinquished By/Affiliation:	Date/Time:	Received By/Affiliation:
1	1/14/26 1609	1	2		2
Relinquished by/Affiliation:	Date/Time:	Received By/Affiliation:	Relinquished By/Affiliation:	Date/Time:	Received By/Affiliation:
3		3	4		4

Custody Seal #: Intact [ ] Not Intact [ ] Absent [ ]
Preserved where applicable [ ]
Cooler Temp. °C (corrected): 3.5 Therm. ID: TR
On Ice [ ]

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Page 4 of 6

SGS North America Inc. - Wheat Ridge
4036 Youngfield Street, Wheat Ridge, CO 80033
TEL: 303-425-6021 FAX: 303-425-6854
www.sgs.com/ehsusa

Bottle Order Control #:
FED-EX Tracking #:
SGS Quote #:
SGS Job #: DA78742

Client / Reporting Information

Company: Ensolum
Street: 1009 W 44th Ave, Ste. 100
City, State ZIP: Wheat Ridge, CO 80033
Project Contact: Tanna Lyon
Phone:
Email: tlyon@ensolum.com
Sampler(s) Name(s): MB, AD, EG, JR

Project Information

Project Name: Gordon 13-19
Street:
City, State ZIP: ~~09C2407089~~ JR
Project #: 09C2407089
Client Purchase Order #: AFE: 25000'24 M/M: 8523.195
Project Manager:

Billing Information (if different from Report to)

Company: Civitas
Street Address: 650 southgate Dr
City, State ZIP: Windsor, CO 80550
Attention: Seth Robinson

Requested Analysis (see TEST CODE sheet)

FULL L357 915

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED - Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB - Field Blank
EB - Equipment Blank
RB - Rinse Blank
TB - Trip Blank

D=dissolved metals
PD=Potentially dissolved
TR=Total recoverable

Field ID / Point of Collection	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: NONE	HCl	NaOH	HNO3	H2SO4	DI Water	MeOH	ENCORE	Na2S2O3	NaZSO3	LAB USE ONLY
B23 @ 25'	11/14/26	1100	EG	SO	3	X										
B24 @ 25'		1105														
B25 @ 25'		1110														
B26 @ 25'		1115														
B27 @ 25'		1125														
B28 @ 25'		1130														
B29 @ 25'		1140														
B30 @ 25'		1150														
B31 @ 35'		1153														
B32 @ 25'		1155														
B33 @ 25'		1157														
B34 @ 25'		1200														

Turnaround Time (Business days)

- [x] Standard 10 Business Days — Special Reporting Instructions
- [ ] 5 Business Days RUSH — [ ] Report in PPB
- [ ] 3 Business Days RUSH — [ ] Report in PPM
- [ ] 2 Business Days RUSH — [ ] Report MDLs
- [ ] 1 Business Day EMERGENCY

Emergency & Rush T/A data available via Email or LabLink. RUSH TAT approval needed.

Data Deliverable Information

- [ ] Commercial "A" (Level 1, Results Only)
- [ ] Commercial "B" (Level 2, Results + QC Summary)
- [ ] COMMBN (Results/QC/Narrative)
- [ ] COMMBN+ [Results/QC/Narrative (+ chromatograms)]
- [ ] REDT2 (Results/QC Summary/partial raw data)
- [ ] FULT1 — [ ] EDD Format

Comments / Special Instructions

**Metals: specify metal(s), method, and type (D, PD, TR)

Sample Custody must be documented below each time samples change possession, including courier, Fed Ex, USP, USPS delivery.

Relinquished by Sampler/Affiliation:	Date/Time:	Received By/Affiliation:	Relinquished By/Affiliation:	Date/Time:	Received By/Affiliation:
1	11/14/26 1609	1	2		2
Relinquished by/Affiliation: 3	Date/Time:	Received By/Affiliation: 3	Relinquished By/Affiliation: 4	Date/Time:	Received By/Affiliation: 4

Custody Seal #: Intact [ ] Not intact [ ] Absent [ ]
Preserved where applicable [ ] Cooler Temp. °C (corrected): 3.5 Therm. ID: [illegible] On Ice [ ]

http://www.sgs.com/en/terms-and-conditions

ebaae9df-2d5c-4b35-9f73-fba403f955ea.xlsx, FORM: EHSA-QAC-0027-01-FORM-Wheat Ridge - COC, RV 9/2/21

CHAIN OF CUSTODY

SGS North America Inc. - Wheat Ridge
4036 Youngfield Street, Wheat Ridge, CO 80033
TEL: 303-425-6021 FAX: 303-425-6854
www.sgs.com/ehsusa

Bottle Order Control #:
FED-EX Tracking #:
SGS Quote #:
SGS Job # DA78742

Client / Reporting Information	Project Information	Billing Information (If different from Report to)
Company: Ensolum	Project Name: Gordon 13-19	Company: Civitas
Street: 11049 W 44th Ave. Ste 160	Street:	Street Address: 650 Southgate Dr
City, State ZIP: Wheat Ridge, CO 80033	City, State ZIP:	City, State ZIP: Windsor, CO 80550
Project Contact: Tanna Lyon	Project #: 09C2407089	Attention: Seth Robinson
Phone:	Client Purchase Order #: AFE: 25000'24	
Email: tlyon@ensolum.com	M/M: 8523.195	
Sampler(s) Name(s): MB, AD, EG, JR	Project Manager:	

Requested Analysis (see TEST CODE sheet): FULL LIST 915

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; SED - Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB - Field Blank; EB - Equipment Blank; RB - Rinse Blank; TB - Trip Blank; D=dissolved metals; PD=Potentially dissolved; TR=Total recoverable

Field ID / Point of Collection	Collection Date	Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: NONE	HCl	NaOH	HNO3	H2SO4	DI Water	MeOH	ENCORE	Na2S2O3	Na2SO3	LAB USE ONLY
B35 @ 25'	11/14/26	1203	EG	SO	3	X										X
B36 @ 25'		1207														
B37 @ 25'		1210														
B38 @ 25'		1212														
B39 @ 25'		1215														
B40 @ 25'		1217														
B41 @ 25'		1220														
B42 @ 25'		1223														
B43 @ 25'		1225														
B44 @ 25'		1227														
B45 @ 25'		1230														
B46 @ 25'		1235														

Turnaround Time (Business days)

- [X] Standard 10 Business Days — Special Reporting Instructions
- [ ] 5 Business Days RUSH — [ ] Report in PPB
- [ ] 3 Business Days RUSH — [ ] Report in PPM
- [ ] 2 Business Days RUSH — [ ] Report MDLs
- [ ] 1 Business Day EMERGENCY
- Emergency & Rush T/A data available via Email or LabLink. RUSH TAT approval needed.

Data Deliverable Information

- [ ] Commercial "A" (Level 1, Results Only)
- [ ] Commercial "B" (Level 2, Results + QC Summary)
- [ ] COMMBN (Results/QC/Narrative)
- [ ] COMMBN+ (Results/QC/Narrative (+ chromatograms))]
- [ ] REDT2 (Results/QC Summary/partial raw data)
- [ ] FULT1 — [ ] EDD Format _____

Comments / Special Instructions

Metals: specify metal(s), method, and type (D, PD, TR)

Sample Custody must be documented below each time samples change possession, including courier, Fed Ex, USP, USPS delivery.

Relinquished by Sampler/Affiliation:	Date/Time:	Received By/Affiliation:	Relinquished By/Affiliation:	Date/Time:	Received By/Affiliation:
1	11/14/26 1609	1	2		2
Relinquished by/Affiliation:	Date/Time:	Received By/Affiliation:	Relinquished By/Affiliation:	Date/Time:	Received By/Affiliation:
3		3	4		4

Custody Seal #: Intact [ ] Not Intact [ ] Absent [ ] — Preserved where applicable [ ] — Cooler Temp. °C (corrected): 7.5 — Therm. ID: TR#4 — On Ice [ ]

http://www.sgs.com/en/terms-and-conditions

ebaae9df-2d5c-4b35-9f73-fba403f955ea.xlsx; FORM: EHSA-QAC-0027-01-FORM-Wheat Ridge - COC; RV 9/2/21

CHAIN OF CUSTODY

SGS North America Inc. - Wheat Ridge
4036 Youngfield Street, Wheat Ridge, CO 80033
TEL: 303-425-6021 FAX: 303-425-6854
www.sgs.com/ehsusa

Bottle Order Control #	FED-EX Tracking #
SGS Quote #	SGS Job # D173742

Client / Reporting Information

Company: Ensolum
Street: 1100 W 44th Ave. Ste. 100
City, State ZIP: Wheat Ridge, CO 80033
Project Contact: Tanna Lyon
Phone:
Email: tlyon@ensolum.co
Sampler(s) Name(s): MB, AD, EG, JR

Project Information

Project Name: Gordon 13-19
Street:
City, State ZIP:
Project # 09C2407089
Client Purchase Order #: AFE: 25000124 M/M: 8523.195
Project Manager:

Billing Information (if different from Report to)

Company: Cimtas
Street Address: 650 Southgate Dr
City, State ZIP: Windsor, CO 80550
Attention: Seth Robinson

Requested Analysis (see TEST CODE sheet)

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; SED - Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB - Field Blank; EB - Equipment Blank; RB - Rinse Blank; TB - Trip Blank; D=dissolved metals; PD=Potentially dissolved; TR=Total recoverable

Field ID / Point of Collection	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: NONE	HCl	NaOH	HNO3	H2SO4	DI Water	MeOH	ENCORE	Na2S2O3	Na2SO3	FULL LIST 9LS	LAB USE ONLY
B47 @ 12'	1/14/16	~~1320~~ 1320	EG	SO	3	X										X	
B48 @ 12'		1325															
S26 @ 8'		1335															
N31 @ 8'		1330															

Turnaround Time (Business days)

- [x] Standard 10 Business Days — Special Reporting Instructions
- [ ] 5 Business Days RUSH — [ ] Report in PPB
- [ ] 3 Business Days RUSH — [ ] Report in PPM
- [ ] 2 Business Days RUSH — [ ] Report MDLs
- [ ] 1 Business Day EMERGENCY

Emergency & Rush T/A data available via Email or LabLink. RUSH TAT approval needed.

Data Deliverable Information

- [ ] Commercial "A" (Level 1, Results Only)
- [ ] Commercial "B" (Level 2, Results + QC Summary)
- [ ] COMMBN (Results/QC/Narrative)
- [ ] COMMBN+ (Results/QC/Narrative (+ chromatograms))
- [ ] REDT2 (Results/QC Summary/partial raw data)
- [ ] FULT1 — [ ] EDD Format

Comments / Special Instructions

**Metals: specify metal(s), method, and type (D, PD, TR)

Sample Custody must be documented below each time samples change possession, including courier, Fed Ex, USP, USPS delivery.

Relinquished by Sampler/Affiliation: 1	Date/Time: 1/14/16 1609	Received By/Affiliation: 1	Relinquished By/Affiliation: 2	Date/Time:	Received By/Affiliation: 2
Relinquished by/Affiliation: 3	Date/Time:	Received By/Affiliation: 3	Relinquished By/Affiliation: 4	Date/Time:	Received By/Affiliation: 4

Custody Seal #: Intact [ ] Not intact [ ] Absent [ ] | Preserved where applicable [ ] | Cooler Temp. °C (corrected): 3.6 | Therm. ID: IR7 | On Ice [ ]

http://www.sgs.com/en/terms-and-conditions

ebaae9df-2d5c-4b35-9f73-fba403f955ea.xlsx; FORM: EHSA-QAC-0027-01-FORM-Wheat Ridge - COC; RV 9/2/21

SGS Sample Receipt Summary

Job Number: da78742 **Client:** ENSOLUM **Project:** GORDON 13-19

Date / Time Received: 1/14/2026 4:09:00 PM **Delivery Method:** co **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (3.5);

Cooler Temps (Corrected) °C: Cooler 1: (3.5);

Cooler Informatio	Y	or	N
1. Custody Seals Present:	☑		☐
2. Custody Seals Intact:	☑		☐
3. Temp criteria achieved:	☑		☐
4. Cooler temp verification:	IR Gun		
5. Cooler media:	Ice (Bag)		

Trip Blank Information	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑

	W	or	S	N/A
3. Type of TB Received:	☐		☐	☑

Sample Information	Y	or	N	N/A
1. Sample labels present on bottles:	☑		☐	
2. Samples presented properly:	☑		☐	
3. Suffiient volume/containers recv'd for analysis:	☑		☐	
4. Condition of sample:	Intact			
5. Sample recv'd within HT:	☑		☐	
6. Dates/Times/IDs on COC match sample label:	☑		☐	
7. VOCs have headspace:	☐		☐	☑
8. Bottles received for unspecified tests:	☐		☑	
9. Compositing instructions clear:	☐		☐	☑
10. Voa Soil Kits/Jars received past 48hrs?	☐		☑	☐
11. % Solids Jar Received?	☐		☑	☐

Misc Information

Number of Encores: 25 Gram 5 Gram

Test Strip Lot #s: pH 0-3: _____ pH 10-12: _____

Residual Chlorine Test Strip Lot _____

Number of Lab Filtered Metals

Other: (Specify) _____ _____

Comments 8260 samples will be in freezer by 7PM.

SM001
Rev. Date 05/04/17

Technician: VALENTIN Date: 1/14/2026 4:38:24 PM Reviewer: _____ Date: _____

MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V9V877-MB	9AV4970.D	1	01/16/26	MB	n/a	n/a	V9V877

The QC reported here applies to the following samples: **Method:** SW846 8260D

DA78742-1, DA78742-2, DA78742-3, DA78742-4, DA78742-5, DA78742-6, DA78742-7, DA78742-8, DA78742-9, DA78742-10, DA78742-11, DA78742-12, DA78742-13, DA78742-14, DA78742-16

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	1.0	ug/kg	
100-41-4	Ethylbenzene	ND	2.0	ug/kg	
108-88-3	Toluene	ND	2.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/kg	
	m,p-Xylene	ND	2.0	ug/kg	
95-47-6	o-Xylene	ND	2.0	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	ug/kg	
	TPH-GRO (C6-C10)	ND	200	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	102%	70-130%
2037-26-5	Toluene-D8	98%	70-130%
460-00-4	4-Bromofluorobenzene	97%	70-130%
17060-07-0	1,2-Dichloroethane-D4	103%	70-130%

Method Blank Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V4634-MB	5V98383.D	1	01/16/26	MB	n/a	n/a	V5V4634

The QC reported here applies to the following samples: **Method:** SW846 8260D

DA78742-17, DA78742-18, DA78742-19, DA78742-20, DA78742-21, DA78742-22, DA78742-23, DA78742-24, DA78742-25, DA78742-26, DA78742-27, DA78742-28, DA78742-29, DA78742-30, DA78742-31, DA78742-32, DA78742-33, DA78742-34, DA78742-35, DA78742-36

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	1.0	ug/kg	
100-41-4	Ethylbenzene	ND	2.0	ug/kg	
108-88-3	Toluene	ND	2.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/kg	
	m,p-Xylene	ND	2.0	ug/kg	
95-47-6	o-Xylene	ND	2.0	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	ug/kg	
	TPH-GRO (C6-C10)	ND	200	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	99%	70-130%
2037-26-5	Toluene-D8	97%	70-130%
460-00-4	4-Bromofluorobenzene	96%	70-130%
17060-07-0	1,2-Dichloroethane-D4	104%	70-130%

Method Blank Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V0V65-MB	0V3050.D	1	01/16/26	RT	n/a	n/a	V0V65

The QC reported here applies to the following samples: **Method:** SW846 8260D

DA78742-37, DA78742-38, DA78742-39, DA78742-40, DA78742-41, DA78742-42, DA78742-43, DA78742-44, DA78742-45, DA78742-46, DA78742-47, DA78742-48, DA78742-49, DA78742-50, DA78742-51, DA78742-52, DA78742-53, DA78742-54, DA78742-55, DA78742-56

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	1.0	ug/kg	
100-41-4	Ethylbenzene	ND	2.0	ug/kg	
108-88-3	Toluene	ND	2.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/kg	
	m,p-Xylene	ND	2.0	ug/kg	
95-47-6	o-Xylene	ND	2.0	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	ug/kg	
	TPH-GRO (C6-C10)	ND	200	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	105%	70-130%
2037-26-5	Toluene-D8	98%	70-130%
460-00-4	4-Bromofluorobenzene	100%	70-130%
17060-07-0	1,2-Dichloroethane-D4	106%	70-130%

Method Blank Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V0V69-MB	0V3169.D	1	01/20/26	MB	n/a	n/a	V0V69

The QC reported here applies to the following samples: **Method:** SW846 8260D

DA78742-57, DA78742-58, DA78742-59, DA78742-60, DA78742-61, DA78742-62, DA78742-63

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	1.0	ug/kg	
100-41-4	Ethylbenzene	ND	2.0	ug/kg	
108-88-3	Toluene	ND	2.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/kg	
	m,p-Xylene	ND	2.0	ug/kg	
95-47-6	o-Xylene	ND	2.0	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	ug/kg	
	TPH-GRO (C6-C10)	ND	200	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	100%	70-130%
2037-26-5	Toluene-D8	99%	70-130%
460-00-4	4-Bromofluorobenzene	101%	70-130%
17060-07-0	1,2-Dichloroethane-D4	110%	70-130%

Method Blank Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V9V886-MB	9AV5250.D	1	01/26/26	MB	n/a	n/a	V9V886

The QC reported here applies to the following samples: **Method:** SW846 8260D

DA78742-15

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	1.0	ug/kg	
100-41-4	Ethylbenzene	ND	2.0	ug/kg	
108-88-3	Toluene	ND	2.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/kg	
	m,p-Xylene	ND	2.0	ug/kg	
95-47-6	o-Xylene	ND	2.0	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	ug/kg	
	TPH-GRO (C6-C10)	ND	200	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	100%	70-130%
2037-26-5	Toluene-D8	88%	70-130%
460-00-4	4-Bromofluorobenzene	92%	70-130%
17060-07-0	1,2-Dichloroethane-D4	101%	70-130%

Blank Spike Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V9V877-BS	9AV4969.D	1	01/16/26	MB	n/a	n/a	V9V877

The QC reported here applies to the following samples: **Method:** SW846 8260D

DA78742-1, DA78742-2, DA78742-3, DA78742-4, DA78742-5, DA78742-6, DA78742-7, DA78742-8, DA78742-9, DA78742-10, DA78742-11, DA78742-12, DA78742-13, DA78742-14, DA78742-16

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
	TPH-GRO (C6-C10)	2000	2160	108	64-144

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	70-130%
2037-26-5	Toluene-D8	98%	70-130%
460-00-4	4-Bromofluorobenzene	99%	70-130%
17060-07-0	1,2-Dichloroethane-D4	100%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V4634-BS	5V98381.D	1	01/16/26	MB	n/a	n/a	V5V4634

The QC reported here applies to the following samples: **Method:** SW846 8260D

DA78742-17, DA78742-18, DA78742-19, DA78742-20, DA78742-21, DA78742-22, DA78742-23, DA78742-24, DA78742-25, DA78742-26, DA78742-27, DA78742-28, DA78742-29, DA78742-30, DA78742-31, DA78742-32, DA78742-33, DA78742-34, DA78742-35, DA78742-36

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	50	44.5	89	70-130
100-41-4	Ethylbenzene	50	47.4	95	70-130
108-88-3	Toluene	50	47.1	94	70-130
95-63-6	1,2,4-Trimethylbenzene	50	45.7	91	70-134
108-67-8	1,3,5-Trimethylbenzene	50	46.1	92	70-134
	m,p-Xylene	100	94.5	95	70-130
95-47-6	o-Xylene	50	48.9	98	70-136
1330-20-7	Xylene (total)	150	143	95	70-131

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	94%	70-130%
2037-26-5	Toluene-D8	99%	70-130%
460-00-4	4-Bromofluorobenzene	94%	70-130%
17060-07-0	1,2-Dichloroethane-D4	98%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V4634-BS	5V98382.D	1	01/16/26	MB	n/a	n/a	V5V4634

The QC reported here applies to the following samples: **Method:** SW846 8260D

DA78742-17, DA78742-18, DA78742-19, DA78742-20, DA78742-21, DA78742-22, DA78742-23, DA78742-24, DA78742-25, DA78742-26, DA78742-27, DA78742-28, DA78742-29, DA78742-30, DA78742-31, DA78742-32, DA78742-33, DA78742-34, DA78742-35, DA78742-36

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
	TPH-GRO (C6-C10)	2000	1830	92	64-144

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	95%	70-130%
2037-26-5	Toluene-D8	99%	70-130%
460-00-4	4-Bromofluorobenzene	93%	70-130%
17060-07-0	1,2-Dichloroethane-D4	99%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V9V877-BS	9AV4992.D	1	01/16/26	MB	n/a	n/a	V9V877

The QC reported here applies to the following samples: **Method:** SW846 8260D

DA78742-1, DA78742-2, DA78742-3, DA78742-4, DA78742-5, DA78742-6, DA78742-7, DA78742-8, DA78742-9, DA78742-10, DA78742-11, DA78742-12, DA78742-13, DA78742-14, DA78742-16

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	50	49.6	99	70-130
100-41-4	Ethylbenzene	50	56.3	113	70-130
108-88-3	Toluene	50	50.7	101	70-130
95-63-6	1,2,4-Trimethylbenzene	50	56.0	112	70-134
108-67-8	1,3,5-Trimethylbenzene	50	55.5	111	70-134
	m,p-Xylene	100	114	114	70-130
95-47-6	o-Xylene	50	58.1	116	70-136
1330-20-7	Xylene (total)	150	172	115	70-131

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	103%	70-130%
2037-26-5	Toluene-D8	99%	70-130%
460-00-4	4-Bromofluorobenzene	100%	70-130%
17060-07-0	1,2-Dichloroethane-D4	99%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V0V65-BS	0V3048.D	1	01/16/26	RT	n/a	n/a	V0V65

The QC reported here applies to the following samples: **Method:** SW846 8260D

DA78742-37, DA78742-38, DA78742-39, DA78742-40, DA78742-41, DA78742-42, DA78742-43, DA78742-44, DA78742-45, DA78742-46, DA78742-47, DA78742-48, DA78742-49, DA78742-50, DA78742-51, DA78742-52, DA78742-53, DA78742-54, DA78742-55, DA78742-56

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
	TPH-GRO (C6-C10)	2000	1930	97	64-144

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	102%	70-130%
2037-26-5	Toluene-D8	101%	70-130%
460-00-4	4-Bromofluorobenzene	101%	70-130%
17060-07-0	1,2-Dichloroethane-D4	105%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V0V65-BS	0V3049.D	1	01/16/26	RT	n/a	n/a	V0V65

The QC reported here applies to the following samples: **Method:** SW846 8260D

DA78742-37, DA78742-38, DA78742-39, DA78742-40, DA78742-41, DA78742-42, DA78742-43, DA78742-44, DA78742-45, DA78742-46, DA78742-47, DA78742-48, DA78742-49, DA78742-50, DA78742-51, DA78742-52, DA78742-53, DA78742-54, DA78742-55, DA78742-56

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	50	43.6	87	70-130
100-41-4	Ethylbenzene	50	47.0	94	70-130
108-88-3	Toluene	50	44.8	90	70-130
95-63-6	1,2,4-Trimethylbenzene	50	47.6	95	70-134
108-67-8	1,3,5-Trimethylbenzene	50	47.6	95	70-134
	m,p-Xylene	100	94.3	94	70-130
95-47-6	o-Xylene	50	47.4	95	70-136
1330-20-7	Xylene (total)	150	142	95	70-131

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	102%	70-130%
2037-26-5	Toluene-D8	101%	70-130%
460-00-4	4-Bromofluorobenzene	100%	70-130%
17060-07-0	1,2-Dichloroethane-D4	103%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V0V69-BS	0V3167.D	1	01/20/26	MB	n/a	n/a	V0V69

The QC reported here applies to the following samples: **Method:** SW846 8260D

DA78742-57, DA78742-58, DA78742-59, DA78742-60, DA78742-61, DA78742-62, DA78742-63

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
	TPH-GRO (C6-C10)	2000	2050	103	64-144

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	96%	70-130%
2037-26-5	Toluene-D8	100%	70-130%
460-00-4	4-Bromofluorobenzene	101%	70-130%
17060-07-0	1,2-Dichloroethane-D4	106%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V0V69-BS	0V3168.D	1	01/20/26	MB	n/a	n/a	V0V69

The QC reported here applies to the following samples: **Method:** SW846 8260D

DA78742-57, DA78742-58, DA78742-59, DA78742-60, DA78742-61, DA78742-62, DA78742-63

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	50	45.2	90	70-130
100-41-4	Ethylbenzene	50	45.0	90	70-130
108-88-3	Toluene	50	43.4	87	70-130
95-63-6	1,2,4-Trimethylbenzene	50	43.6	87	70-134
108-67-8	1,3,5-Trimethylbenzene	50	44.0	88	70-134
	m,p-Xylene	100	90.5	91	70-130
95-47-6	o-Xylene	50	45.0	90	70-136
1330-20-7	Xylene (total)	150	136	91	70-131

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	70-130%
2037-26-5	Toluene-D8	100%	70-130%
460-00-4	4-Bromofluorobenzene	98%	70-130%
17060-07-0	1,2-Dichloroethane-D4	108%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V9V886-BS	9AV5248.D	1	01/26/26	MB	n/a	n/a	V9V886

The QC reported here applies to the following samples: **Method:** SW846 8260D

DA78742-15

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	50	52.2	104	70-130
100-41-4	Ethylbenzene	50	52.7	105	70-130
108-88-3	Toluene	50	49.2	98	70-130
95-63-6	1,2,4-Trimethylbenzene	50	49.2	98	70-134
108-67-8	1,3,5-Trimethylbenzene	50	49.1	98	70-134
	m,p-Xylene	100	107	107	70-130
95-47-6	o-Xylene	50	52.1	104	70-136
1330-20-7	Xylene (total)	150	159	106	70-131

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	97%	70-130%
2037-26-5	Toluene-D8	92%	70-130%
460-00-4	4-Bromofluorobenzene	97%	70-130%
17060-07-0	1,2-Dichloroethane-D4	94%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V9V886-BS	9AV5249.D	1	01/26/26	MB	n/a	n/a	V9V886

The QC reported here applies to the following samples: **Method:** SW846 8260D

DA78742-15

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
	TPH-GRO (C6-C10)	2000	1870	94	64-144

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	95%	70-130%
2037-26-5	Toluene-D8	90%	70-130%
460-00-4	4-Bromofluorobenzene	93%	70-130%
17060-07-0	1,2-Dichloroethane-D4	92%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA78739-1MS	9AV4973.D	1	01/16/26	MB	n/a	n/a	V9V877
DA78739-1MSD	9AV4974.D	1	01/16/26	MB	n/a	n/a	V9V877
DA78739-1	9AV4971.D	1	01/16/26	MB	n/a	n/a	V9V877

The QC reported here applies to the following samples: **Method:** SW846 8260D

DA78742-1, DA78742-2, DA78742-3, DA78742-4, DA78742-5, DA78742-6, DA78742-7, DA78742-8, DA78742-9, DA78742-10, DA78742-11, DA78742-12, DA78742-13, DA78742-14, DA78742-16

CAS No.	Compound	DA78739-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	< 1.0		52.1	51.0	98	52.8	50.6	96	1	44-150/44
100-41-4	Ethylbenzene	< 2.1		52.1	51.0	98	52.8	50.9	96	0	41-149/49
108-88-3	Toluene	< 2.1		52.1	49.8	96	52.8	48.7	92	2	40-149/47
95-63-6	1,2,4-Trimethylbenzene	< 2.1		52.1	50.4	97	52.8	63.1	120	22	26-164/57
108-67-8	1,3,5-Trimethylbenzene	< 2.1		52.1	50.8	98	52.8	83.8	159	49	30-161/60
	m,p-Xylene	< 2.1		104	102	98	106	101	96	1	36-152/49
95-47-6	o-Xylene	< 2.1		52.1	51.9	100	52.8	51.6	98	1	33-168/49
1330-20-7	Xylene (total)	< 2.1		156	154	99	158	153	97	1	36-157/49

CAS No.	Surrogate Recoveries	MS	MSD	DA78739-1	Limits
1868-53-7	Dibromofluoromethane	102%	101%	101%	70-130%
2037-26-5	Toluene-D8	99%	98%	97%	70-130%
460-00-4	4-Bromofluorobenzene	99%	167%* [a]	97%	70-130%
17060-07-0	1,2-Dichloroethane-D4	101%	100%	101%	70-130%

(a) Outside control limits due to matrix interference.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA78742-1MS	9AV4975.D	1	01/16/26	MB	n/a	n/a	V9V877
DA78742-1MSD	9AV4976.D	1	01/16/26	MB	n/a	n/a	V9V877
DA78742-1	9AV4972.D	1	01/16/26	MB	n/a	n/a	V9V877

The QC reported here applies to the following samples: **Method:** SW846 8260D

DA78742-1, DA78742-2, DA78742-3, DA78742-4, DA78742-5, DA78742-6, DA78742-7, DA78742-8, DA78742-9, DA78742-10, DA78742-11, DA78742-12, DA78742-13, DA78742-14, DA78742-16

CAS No.	Compound	DA78742-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	< 220		2210	1280	58	2200	1230	56	4	18-158/83

CAS No.	Surrogate Recoveries	MS	MSD	DA78742-1	Limits
1868-53-7	Dibromofluoromethane	100%	98%	102%	70-130%
2037-26-5	Toluene-D8	98%	98%	98%	70-130%
460-00-4	4-Bromofluorobenzene	99%	98%	98%	70-130%
17060-07-0	1,2-Dichloroethane-D4	101%	99%	103%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA78742-17MS	5V98386.D	1	01/16/26	MB	n/a	n/a	V5V4634
DA78742-17MSD	5V98387.D	1	01/16/26	MB	n/a	n/a	V5V4634
DA78742-17	5V98384.D	1	01/16/26	MB	n/a	n/a	V5V4634

The QC reported here applies to the following samples: **Method:** SW846 8260D

DA78742-17, DA78742-18, DA78742-19, DA78742-20, DA78742-21, DA78742-22, DA78742-23, DA78742-24, DA78742-25, DA78742-26, DA78742-27, DA78742-28, DA78742-29, DA78742-30, DA78742-31, DA78742-32, DA78742-33, DA78742-34, DA78742-35, DA78742-36

CAS No.	Compound	DA78742-17 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	< 1.1		55	45.1	82	54.2	39.4	73	13	44-150/44
100-41-4	Ethylbenzene	< 2.2		55	46.8	85	54.2	40.6	75	14	41-149/49
108-88-3	Toluene	< 2.2		55	46.0	84	54.2	39.9	74	14	40-149/47
95-63-6	1,2,4-Trimethylbenzene	< 2.2		55	44.5	81	54.2	40.0	74	11	26-164/57
108-67-8	1,3,5-Trimethylbenzene	< 2.2		55	45.6	83	54.2	40.6	75	12	30-161/60
	m,p-Xylene	< 2.2		110	93.2	85	108	80.4	74	15	36-152/49
95-47-6	o-Xylene	< 2.2		55	47.7	87	54.2	41.9	77	13	33-168/49
1330-20-7	Xylene (total)	< 2.2		165	141	85	163	122	75	14	36-157/49

CAS No.	Surrogate Recoveries	MS	MSD	DA78742-17	Limits
1868-53-7	Dibromofluoromethane	100%	100%	97%	70-130%
2037-26-5	Toluene-D8	98%	97%	98%	70-130%
460-00-4	4-Bromofluorobenzene	94%	93%	97%	70-130%
17060-07-0	1,2-Dichloroethane-D4	104%	99%	101%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA78742-22MS	5V98388.D	1	01/16/26	MB	n/a	n/a	V5V4634
DA78742-22MSD	5V98389.D	1	01/16/26	MB	n/a	n/a	V5V4634
DA78742-22	5V98385.D	1	01/16/26	MB	n/a	n/a	V5V4634

The QC reported here applies to the following samples: **Method:** SW846 8260D

DA78742-17, DA78742-18, DA78742-19, DA78742-20, DA78742-21, DA78742-22, DA78742-23, DA78742-24, DA78742-25, DA78742-26, DA78742-27, DA78742-28, DA78742-29, DA78742-30, DA78742-31, DA78742-32, DA78742-33, DA78742-34, DA78742-35, DA78742-36

CAS No.	Compound	DA78742-22 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	< 210		2100	1600	76	2130	1560	73	3	18-158/83

CAS No.	Surrogate Recoveries	MS	MSD	DA78742-22	Limits
1868-53-7	Dibromofluoromethane	99%	100%	100%	70-130%
2037-26-5	Toluene-D8	97%	97%	97%	70-130%
460-00-4	4-Bromofluorobenzene	94%	94%	97%	70-130%
17060-07-0	1,2-Dichloroethane-D4	104%	105%	104%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA78742-45MS	0V3053.D	1	01/16/26	RT	n/a	n/a	V0V65
DA78742-45MSD	0V3054.D	1	01/16/26	RT	n/a	n/a	V0V65
DA78742-45	0V3051.D	1	01/16/26	RT	n/a	n/a	V0V65

The QC reported here applies to the following samples: **Method:** SW846 8260D

DA78742-37, DA78742-38, DA78742-39, DA78742-40, DA78742-41, DA78742-42, DA78742-43, DA78742-44, DA78742-45, DA78742-46, DA78742-47, DA78742-48, DA78742-49, DA78742-50, DA78742-51, DA78742-52, DA78742-53, DA78742-54, DA78742-55, DA78742-56

CAS No.	Compound	DA78742-45 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	< 210		2220	2070	93	2120	2040	96	1	18-158/83

CAS No.	Surrogate Recoveries	MS	MSD	DA78742-45	Limits
1868-53-7	Dibromofluoromethane	99%	100%	99%	70-130%
2037-26-5	Toluene-D8	100%	101%	98%	70-130%
460-00-4	4-Bromofluorobenzene	101%	104%	101%	70-130%
17060-07-0	1,2-Dichloroethane-D4	101%	102%	105%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA78742-52MS	0V3052.D	1	01/16/26	RT	n/a	n/a	V0V65
DA78742-52MSD	0V3056.D	1	01/16/26	RT	n/a	n/a	V0V65
DA78742-52	0V3055.D	1	01/16/26	RT	n/a	n/a	V0V65

The QC reported here applies to the following samples: **Method:** SW846 8260D

DA78742-37, DA78742-38, DA78742-39, DA78742-40, DA78742-41, DA78742-42, DA78742-43, DA78742-44, DA78742-45, DA78742-46, DA78742-47, DA78742-48, DA78742-49, DA78742-50, DA78742-51, DA78742-52, DA78742-53, DA78742-54, DA78742-55, DA78742-56

CAS No.	Compound	DA78742-52 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	< 1.2		57.2	47.5	83	56.9	48.7	86	2	44-150/44
100-41-4	Ethylbenzene	< 2.3		57.2	50.0	87	56.9	50.3	88	1	41-149/49
108-88-3	Toluene	1.5		57.2	47.1	80	56.9	47.8	81	1	40-149/47
95-63-6	1,2,4-Trimethylbenzene	< 2.3		57.2	50.2	88	56.9	51.1	90	2	26-164/57
108-67-8	1,3,5-Trimethylbenzene	< 2.3		57.2	51.0	89	56.9	51.1	90	0	30-161/60
	m,p-Xylene	< 2.3		114	100	87	114	100	88	0	36-152/49
95-47-6	o-Xylene	< 2.3		57.2	50.3	88	56.9	51.0	90	1	33-168/49
1330-20-7	Xylene (total)	< 2.3		172	151	88	171	151	88	0	36-157/49

CAS No.	Surrogate Recoveries	MS	MSD	DA78742-52	Limits
1868-53-7	Dibromofluoromethane	101%	101%	102%	70-130%
2037-26-5	Toluene-D8	100%	100%	100%	70-130%
460-00-4	4-Bromofluorobenzene	99%	101%	102%	70-130%
17060-07-0	1,2-Dichloroethane-D4	106%	105%	107%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA78742-57MS	0V3172.D	1	01/20/26	MB	n/a	n/a	V0V69
DA78742-57MSD	0V3173.D	1	01/20/26	MB	n/a	n/a	V0V69
DA78742-57	0V3170.D	1	01/20/26	MB	n/a	n/a	V0V69

The QC reported here applies to the following samples: **Method:** SW846 8260D

DA78742-57, DA78742-58, DA78742-59, DA78742-60, DA78742-61, DA78742-62, DA78742-63

CAS No.	Compound	DA78742-57 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	< 210		2170	1990	92	2090	1900	91	5	18-158/83

CAS No.	Surrogate Recoveries	MS	MSD	DA78742-57	Limits
1868-53-7	Dibromofluoromethane	98%	98%	101%	70-130%
2037-26-5	Toluene-D8	101%	100%	99%	70-130%
460-00-4	4-Bromofluorobenzene	102%	101%	101%	70-130%
17060-07-0	1,2-Dichloroethane-D4	107%	108%	111%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA78742-58MS	0V3174.D	1	01/20/26	MB	n/a	n/a	V0V69
DA78742-58MSD	0V3175.D	1	01/20/26	MB	n/a	n/a	V0V69
DA78742-58	0V3171.D	1	01/20/26	MB	n/a	n/a	V0V69

The QC reported here applies to the following samples: **Method:** SW846 8260D

DA78742-57, DA78742-58, DA78742-59, DA78742-60, DA78742-61, DA78742-62, DA78742-63

CAS No.	Compound	DA78742-58 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	< 1.1		55.9	44.8	80	56.1	41.9	75	7	44-150/44
100-41-4	Ethylbenzene	< 2.2		55.9	46.8	84	56.1	45.3	81	3	41-149/49
108-88-3	Toluene	< 2.2		55.9	45.0	81	56.1	42.0	75	7	40-149/47
95-63-6	1,2,4-Trimethylbenzene	< 2.2		55.9	43.7	78	56.1	41.9	75	4	26-164/57
108-67-8	1,3,5-Trimethylbenzene	< 2.2		55.9	45.2	81	56.1	43.8	78	3	30-161/60
	m,p-Xylene	< 2.2		112	92.5	83	112	90.7	81	2	36-152/49
95-47-6	o-Xylene	< 2.2		55.9	46.5	83	56.1	44.0	78	6	33-168/49
1330-20-7	Xylene (total)	< 2.2		168	139	83	168	135	80	3	36-157/49

CAS No.	Surrogate Recoveries	MS	MSD	DA78742-58	Limits
1868-53-7	Dibromofluoromethane	105%	104%	101%	70-130%
2037-26-5	Toluene-D8	100%	100%	98%	70-130%
460-00-4	4-Bromofluorobenzene	100%	99%	100%	70-130%
17060-07-0	1,2-Dichloroethane-D4	111%	112%	105%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA78813-5MS	9AV5253.D	1	01/26/26	MB	n/a	n/a	V9V886
DA78813-5MSD	9AV5254.D	1	01/26/26	MB	n/a	n/a	V9V886
DA78813-5	9AV5251.D	1	01/26/26	MB	n/a	n/a	V9V886

The QC reported here applies to the following samples: **Method:** SW846 8260D

DA78742-15

CAS No.	Compound	DA78813-5 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	< 1.1		51.6	30.7	59	54.2	42.3	78	32	44-150/44
100-41-4	Ethylbenzene	< 2.1		51.6	29.9	58	54.2	40.6	75	30	41-149/49
108-88-3	Toluene	< 2.1		51.6	28.1	54	54.2	38.2	70	30	40-149/47
95-63-6	1,2,4-Trimethylbenzene	< 2.1		51.6	24.2	47	54.2	32.6	60	30	26-164/57
108-67-8	1,3,5-Trimethylbenzene	< 2.1		51.6	26.0	50	54.2	34.6	64	28	30-161/60
	m,p-Xylene	< 2.1		103	60.2	58	108	81.0	75	29	36-152/49
95-47-6	o-Xylene	< 2.1		51.6	27.9	54	54.2	38.5	71	32	33-168/49
1330-20-7	Xylene (total)	< 2.1		155	88.1	57	163	120	74	31	36-157/49

CAS No.	Surrogate Recoveries	MS	MSD	DA78813-5	Limits
1868-53-7	Dibromofluoromethane	102%	105%	102%	70-130%
2037-26-5	Toluene-D8	89%	90%	87%	70-130%
460-00-4	4-Bromofluorobenzene	93%	95%	91%	70-130%
17060-07-0	1,2-Dichloroethane-D4	107%	103%	104%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA78813-6MS	9AV5264.D	1	01/26/26	MB	n/a	n/a	V9V886
DA78813-6MSD	9AV5265.D	1	01/26/26	MB	n/a	n/a	V9V886
DA78813-6	9AV5252.D	1	01/26/26	MB	n/a	n/a	V9V886

The QC reported here applies to the following samples: **Method:** SW846 8260D

DA78742-15

CAS No.	Compound	DA78813-6 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	< 210		1990	158	8* [a]	2090	410	20	89* [b]	18-158/83

CAS No.	Surrogate Recoveries	MS	MSD	DA78813-6	Limits
1868-53-7	Dibromofluoromethane	108%	105%	101%	70-130%
2037-26-5	Toluene-D8	82%	86%	87%	70-130%
460-00-4	4-Bromofluorobenzene	91%	90%	91%	70-130%
17060-07-0	1,2-Dichloroethane-D4	128%	106%	100%	70-130%

(a) Outside control limits due to matrix interference. Confirmed by reanalysis.
(b) Analytical precision exceeds in-house control limits due to matrix interference.

* = Outside of Control Limits.

MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29807-MB	3G62709.D	1	01/16/26	ZL	01/16/26	OP29807	E3G2987

The QC reported here applies to the following samples: **Method:** SW846 8270E

DA78742-1, DA78742-2, DA78742-3, DA78742-4, DA78742-5, DA78742-6, DA78742-7, DA78742-8, DA78742-9, DA78742-10, DA78742-11

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	4.0	ug/kg	
120-12-7	Anthracene	ND	4.0	ug/kg	
56-55-3	Benzo(a)anthracene	ND	5.0	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	4.0	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	4.0	ug/kg	
50-32-8	Benzo(a)pyrene	ND	4.0	ug/kg	
218-01-9	Chrysene	ND	4.0	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	4.0	ug/kg	
206-44-0	Fluoranthene	ND	4.0	ug/kg	
86-73-7	Fluorene	ND	4.0	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.0	ug/kg	
90-12-0	1-Methylnaphthalene	ND	4.0	ug/kg	
91-57-6	2-Methylnaphthalene	ND	4.0	ug/kg	
91-20-3	Naphthalene	ND	2.0	ug/kg	
129-00-0	Pyrene	ND	4.0	ug/kg	

CAS No.	Surrogate Recoveries		Limits
321-60-8	2-Fluorobiphenyl	96%	22-138%
4165-60-0	Nitrobenzene-d5	107%	32-143%
1718-51-0	Terphenyl-d14	100%	48-149%

Method Blank Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29808-MB	3G62739.D	1	01/17/26	ZL	01/16/26	OP29808	E3G2988

The QC reported here applies to the following samples: **Method:** SW846 8270E

DA78742-12, DA78742-13, DA78742-14, DA78742-15, DA78742-16, DA78742-17, DA78742-18, DA78742-19, DA78742-20, DA78742-21, DA78742-22, DA78742-23, DA78742-24, DA78742-25, DA78742-26, DA78742-27, DA78742-28, DA78742-29, DA78742-30, DA78742-31

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	4.0	ug/kg	
120-12-7	Anthracene	ND	4.0	ug/kg	
56-55-3	Benzo(a)anthracene	ND	5.0	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	4.0	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	4.0	ug/kg	
50-32-8	Benzo(a)pyrene	ND	4.0	ug/kg	
218-01-9	Chrysene	ND	4.0	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	4.0	ug/kg	
206-44-0	Fluoranthene	ND	4.0	ug/kg	
86-73-7	Fluorene	ND	4.0	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.0	ug/kg	
90-12-0	1-Methylnaphthalene	ND	4.0	ug/kg	
91-57-6	2-Methylnaphthalene	ND	4.0	ug/kg	
91-20-3	Naphthalene	ND	2.0	ug/kg	
129-00-0	Pyrene	ND	4.0	ug/kg	

CAS No.	Surrogate Recoveries		Limits
321-60-8	2-Fluorobiphenyl	104%	22-138%
4165-60-0	Nitrobenzene-d5	121%	32-143%
1718-51-0	Terphenyl-d14	105%	48-149%

Method Blank Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29809-MB	7G008375.D	1	01/17/26	ZL	01/16/26	OP29809	E7G309

The QC reported here applies to the following samples: **Method:** SW846 8270E

DA78742-32, DA78742-33, DA78742-34, DA78742-35, DA78742-36, DA78742-37, DA78742-38, DA78742-39, DA78742-40, DA78742-41, DA78742-42, DA78742-43, DA78742-44, DA78742-45, DA78742-46, DA78742-47, DA78742-48, DA78742-49, DA78742-50, DA78742-51

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	4.0	ug/kg	
120-12-7	Anthracene	ND	4.0	ug/kg	
56-55-3	Benzo(a)anthracene	ND	5.0	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	4.0	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	4.0	ug/kg	
50-32-8	Benzo(a)pyrene	ND	4.0	ug/kg	
218-01-9	Chrysene	ND	4.0	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	4.0	ug/kg	
206-44-0	Fluoranthene	ND	4.0	ug/kg	
86-73-7	Fluorene	ND	4.0	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.0	ug/kg	
90-12-0	1-Methylnaphthalene	ND	4.0	ug/kg	
91-57-6	2-Methylnaphthalene	ND	4.0	ug/kg	
91-20-3	Naphthalene	ND	2.0	ug/kg	
129-00-0	Pyrene	ND	4.0	ug/kg	

CAS No.	Surrogate Recoveries		Limits
321-60-8	2-Fluorobiphenyl	103%	22-138%
4165-60-0	Nitrobenzene-d5	122%	32-143%
1718-51-0	Terphenyl-d14	99%	48-149%

Method Blank Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29810-MB	7G008403.D	1	01/17/26	ZL	01/16/26	OP29810	E7G310

The QC reported here applies to the following samples: **Method:** SW846 8270E

DA78742-52, DA78742-53, DA78742-54, DA78742-55, DA78742-56, DA78742-57, DA78742-58, DA78742-59, DA78742-60, DA78742-61, DA78742-62, DA78742-63

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	4.0	ug/kg	
120-12-7	Anthracene	ND	4.0	ug/kg	
56-55-3	Benzo(a)anthracene	ND	5.0	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	4.0	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	4.0	ug/kg	
50-32-8	Benzo(a)pyrene	ND	4.0	ug/kg	
218-01-9	Chrysene	ND	4.0	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	4.0	ug/kg	
206-44-0	Fluoranthene	ND	4.0	ug/kg	
86-73-7	Fluorene	ND	4.0	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.0	ug/kg	
90-12-0	1-Methylnaphthalene	ND	4.0	ug/kg	
91-57-6	2-Methylnaphthalene	ND	4.0	ug/kg	
91-20-3	Naphthalene	ND	2.0	ug/kg	
129-00-0	Pyrene	ND	4.0	ug/kg	

CAS No.	Surrogate Recoveries		Limits
321-60-8	2-Fluorobiphenyl	107%	22-138%
4165-60-0	Nitrobenzene-d5	126%	32-143%
1718-51-0	Terphenyl-d14	94%	48-149%

Blank Spike Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29807-BS	3G62710.D	1	01/16/26	ZL	01/16/26	OP29807	E3G2987

The QC reported here applies to the following samples: **Method:** SW846 8270E

DA78742-1, DA78742-2, DA78742-3, DA78742-4, DA78742-5, DA78742-6, DA78742-7, DA78742-8, DA78742-9, DA78742-10, DA78742-11

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
83-32-9	Acenaphthene	200	190	95	46-152
120-12-7	Anthracene	200	245	123	65-147
56-55-3	Benzo(a)anthracene	200	225	113	64-144
205-99-2	Benzo(b)fluoranthene	200	247	124	70-154
207-08-9	Benzo(k)fluoranthene	200	229	115	70-158
50-32-8	Benzo(a)pyrene	200	249	125	64-159
218-01-9	Chrysene	200	220	110	70-156
53-70-3	Dibenzo(a,h)anthracene	200	206	103	63-156
206-44-0	Fluoranthene	200	241	121	62-155
86-73-7	Fluorene	200	230	115	55-151
193-39-5	Indeno(1,2,3-cd)pyrene	200	202	101	67-156
90-12-0	1-Methylnaphthalene	200	183	92	21-168
91-57-6	2-Methylnaphthalene	200	181	91	18-161
91-20-3	Naphthalene	200	193	97	2-173
129-00-0	Pyrene	200	222	111	61-158

CAS No.	Surrogate Recoveries	BSP	Limits
321-60-8	2-Fluorobiphenyl	100%	22-138%
4165-60-0	Nitrobenzene-d5	115%	32-143%
1718-51-0	Terphenyl-d14	99%	48-149%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29808-BS	3G62740.D	1	01/17/26	ZL	01/16/26	OP29808	E3G2988

The QC reported here applies to the following samples: **Method:** SW846 8270E

DA78742-12, DA78742-13, DA78742-14, DA78742-15, DA78742-16, DA78742-17, DA78742-18, DA78742-19, DA78742-20, DA78742-21, DA78742-22, DA78742-23, DA78742-24, DA78742-25, DA78742-26, DA78742-27, DA78742-28, DA78742-29, DA78742-30, DA78742-31

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
83-32-9	Acenaphthene	200	193	97	46-152
120-12-7	Anthracene	200	255	128	65-147
56-55-3	Benzo(a)anthracene	200	227	114	64-144
205-99-2	Benzo(b)fluoranthene	200	258	129	70-154
207-08-9	Benzo(k)fluoranthene	200	227	114	70-158
50-32-8	Benzo(a)pyrene	200	242	121	64-159
218-01-9	Chrysene	200	231	116	70-156
53-70-3	Dibenzo(a,h)anthracene	200	221	111	63-156
206-44-0	Fluoranthene	200	243	122	62-155
86-73-7	Fluorene	200	229	115	55-151
193-39-5	Indeno(1,2,3-cd)pyrene	200	220	110	67-156
90-12-0	1-Methylnaphthalene	200	198	99	21-168
91-57-6	2-Methylnaphthalene	200	181	91	18-161
91-20-3	Naphthalene	200	196	98	2-173
129-00-0	Pyrene	200	243	122	61-158

CAS No.	Surrogate Recoveries	BSP	Limits
321-60-8	2-Fluorobiphenyl	95%	22-138%
4165-60-0	Nitrobenzene-d5	109%	32-143%
1718-51-0	Terphenyl-d14	96%	48-149%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29809-BS	7G008376.D	1	01/17/26	ZL	01/16/26	OP29809	E7G309

The QC reported here applies to the following samples: **Method:** SW846 8270E

DA78742-32, DA78742-33, DA78742-34, DA78742-35, DA78742-36, DA78742-37, DA78742-38, DA78742-39, DA78742-40, DA78742-41, DA78742-42, DA78742-43, DA78742-44, DA78742-45, DA78742-46, DA78742-47, DA78742-48, DA78742-49, DA78742-50, DA78742-51

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
83-32-9	Acenaphthene	200	192	96	46-152
120-12-7	Anthracene	200	235	118	65-147
56-55-3	Benzo(a)anthracene	200	223	112	64-144
205-99-2	Benzo(b)fluoranthene	200	229	115	70-154
207-08-9	Benzo(k)fluoranthene	200	210	105	70-158
50-32-8	Benzo(a)pyrene	200	223	112	64-159
218-01-9	Chrysene	200	224	112	70-156
53-70-3	Dibenzo(a,h)anthracene	200	232	116	63-156
206-44-0	Fluoranthene	200	247	124	62-155
86-73-7	Fluorene	200	201	101	55-151
193-39-5	Indeno(1,2,3-cd)pyrene	200	235	118	67-156
90-12-0	1-Methylnaphthalene	200	157	79	21-168
91-57-6	2-Methylnaphthalene	200	162	81	18-161
91-20-3	Naphthalene	200	152	76	2-173
129-00-0	Pyrene	200	215	108	61-158

CAS No.	Surrogate Recoveries	BSP	Limits
321-60-8	2-Fluorobiphenyl	99%	22-138%
4165-60-0	Nitrobenzene-d5	117%	32-143%
1718-51-0	Terphenyl-d14	86%	48-149%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29810-BS	7G008404.D	1	01/17/26	ZL	01/16/26	OP29810	E7G310

The QC reported here applies to the following samples: **Method:** SW846 8270E

DA78742-52, DA78742-53, DA78742-54, DA78742-55, DA78742-56, DA78742-57, DA78742-58, DA78742-59, DA78742-60, DA78742-61, DA78742-62, DA78742-63

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
83-32-9	Acenaphthene	200	186	93	46-152
120-12-7	Anthracene	200	224	112	65-147
56-55-3	Benzo(a)anthracene	200	215	108	64-144
205-99-2	Benzo(b)fluoranthene	200	220	110	70-154
207-08-9	Benzo(k)fluoranthene	200	205	103	70-158
50-32-8	Benzo(a)pyrene	200	214	107	64-159
218-01-9	Chrysene	200	220	110	70-156
53-70-3	Dibenzo(a,h)anthracene	200	222	111	63-156
206-44-0	Fluoranthene	200	233	117	62-155
86-73-7	Fluorene	200	195	98	55-151
193-39-5	Indeno(1,2,3-cd)pyrene	200	226	113	67-156
90-12-0	1-Methylnaphthalene	200	158	79	21-168
91-57-6	2-Methylnaphthalene	200	156	78	18-161
91-20-3	Naphthalene	200	146	73	2-173
129-00-0	Pyrene	200	209	105	61-158

CAS No.	Surrogate Recoveries	BSP	Limits
321-60-8	2-Fluorobiphenyl	102%	22-138%
4165-60-0	Nitrobenzene-d5	124%	32-143%
1718-51-0	Terphenyl-d14	92%	48-149%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29807-MS	3G62711.D	1	01/16/26	ZL	01/16/26	OP29807	E3G2987
OP29807-MSD	3G62712.D	1	01/16/26	ZL	01/16/26	OP29807	E3G2987
DA78733-11	3G62713.D	1	01/16/26	ZL	01/16/26	OP29807	E3G2987

The QC reported here applies to the following samples: **Method:** SW846 8270E

DA78742-1, DA78742-2, DA78742-3, DA78742-4, DA78742-5, DA78742-6, DA78742-7, DA78742-8, DA78742-9, DA78742-10, DA78742-11

CAS No.	Compound	DA78733-11 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
83-32-9	Acenaphthene	< 4.1		207	226	109	203	207	102	9	30-148/32
120-12-7	Anthracene	< 4.1		207	256	124	203	257	126	0	40-148/33
56-55-3	Benzo(a)anthracene	< 5.2		207	230	111	203	227	112	1	44-144/32
205-99-2	Benzo(b)fluoranthene	< 4.1		207	265	128	203	260	128	2	36-166/43
207-08-9	Benzo(k)fluoranthene	< 4.1		207	205	99	203	202	99	1	43-165/41
50-32-8	Benzo(a)pyrene	< 4.1		207	234	113	203	237	117	1	41-161/37
218-01-9	Chrysene	< 4.1		207	220	106	203	222	109	1	52-152/32
53-70-3	Dibenzo(a,h)anthracene	< 4.1		207	218	105	203	218	107	0	42-155/36
206-44-0	Fluoranthene	< 4.1		207	242	117	203	245	121	1	40-151/34
86-73-7	Fluorene	< 4.1		207	242	117	203	240	118	1	34-149/34
193-39-5	Indeno(1,2,3-cd)pyrene	< 4.1		207	209	101	203	211	104	1	41-156/37
90-12-0	1-Methylnaphthalene	< 4.1		207	202	97	203	190	93	6	23-149/36
91-57-6	2-Methylnaphthalene	< 4.1		207	193	93	203	202	99	5	18-144/35
91-20-3	Naphthalene	< 2.1		207	198	96	203	205	101	3	18-150/32
129-00-0	Pyrene	< 4.1		207	229	110	203	228	112	0	38-156/33

CAS No.	Surrogate Recoveries	MS	MSD	DA78733-11	Limits
321-60-8	2-Fluorobiphenyl	97%	97%	100%	22-138%
4165-60-0	Nitrobenzene-d5	107%	107%	117%	32-143%
1718-51-0	Terphenyl-d14	92%	94%	91%	48-149%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29808-MS	3G62741.D	1	01/17/26	ZL	01/16/26	OP29808	E3G2988
OP29808-MSD	3G62742.D	1	01/17/26	ZL	01/16/26	OP29808	E3G2988
DA78742-13	3G62743.D	1	01/17/26	ZL	01/16/26	OP29808	E3G2988

The QC reported here applies to the following samples: **Method:** SW846 8270E

DA78742-12, DA78742-13, DA78742-14, DA78742-15, DA78742-16, DA78742-17, DA78742-18, DA78742-19, DA78742-20, DA78742-21, DA78742-22, DA78742-23, DA78742-24, DA78742-25, DA78742-26, DA78742-27, DA78742-28, DA78742-29, DA78742-30, DA78742-31

CAS No.	Compound	DA78742-13 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
83-32-9	Acenaphthene	< 4.2		207	213	103	207	210	102	1	30-148/32
120-12-7	Anthracene	< 4.2		207	262	127	207	253	122	3	40-148/33
56-55-3	Benzo(a)anthracene	< 5.3		207	211	102	207	221	107	5	44-144/32
205-99-2	Benzo(b)fluoranthene	< 4.2		207	235	114	207	245	118	4	36-166/43
207-08-9	Benzo(k)fluoranthene	< 4.2		207	213	103	207	225	109	5	43-165/41
50-32-8	Benzo(a)pyrene	< 4.2		207	230	111	207	240	116	4	41-161/37
218-01-9	Chrysene	< 4.2		207	209	101	207	225	109	7	52-152/32
53-70-3	Dibenzo(a,h)anthracene	< 4.2		207	201	97	207	205	99	2	42-155/36
206-44-0	Fluoranthene	< 4.2		207	244	118	207	249	120	2	40-151/34
86-73-7	Fluorene	< 4.2		207	252	122	207	246	119	2	34-149/34
193-39-5	Indeno(1,2,3-cd)pyrene	< 4.2		207	200	97	207	213	103	6	41-156/37
90-12-0	1-Methylnaphthalene	< 4.2		207	208	101	207	201	97	3	23-149/36
91-57-6	2-Methylnaphthalene	< 4.2		207	212	102	207	209	101	1	18-144/35
91-20-3	Naphthalene	< 2.1		207	213	103	207	198	96	7	18-150/32
129-00-0	Pyrene	< 4.2		207	236	114	207	231	112	2	38-156/33

CAS No.	Surrogate Recoveries	MS	MSD	DA78742-13	Limits
321-60-8	2-Fluorobiphenyl	97%	103%	97%	22-138%
4165-60-0	Nitrobenzene-d5	109%	115%	115%	32-143%
1718-51-0	Terphenyl-d14	84%	92%	94%	48-149%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29809-MS	7G008377.D	1	01/17/26	ZL	01/16/26	OP29809	E7G309
OP29809-MSD	7G008378.D	1	01/17/26	ZL	01/16/26	OP29809	E7G309
DA78742-47	7G008379.D	1	01/17/26	ZL	01/16/26	OP29809	E7G309

The QC reported here applies to the following samples: **Method:** SW846 8270E

DA78742-32, DA78742-33, DA78742-34, DA78742-35, DA78742-36, DA78742-37, DA78742-38, DA78742-39, DA78742-40, DA78742-41, DA78742-42, DA78742-43, DA78742-44, DA78742-45, DA78742-46, DA78742-47, DA78742-48, DA78742-49, DA78742-50, DA78742-51

CAS No.	Compound	DA78742-47 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
83-32-9	Acenaphthene	< 4.4		221	216	98	230	226	98	5	30-148/32
120-12-7	Anthracene	< 4.4		221	258	117	230	266	116	3	40-148/33
56-55-3	Benzo(a)anthracene	< 5.5		221	238	108	230	239	104	0	44-144/32
205-99-2	Benzo(b)fluoranthene	< 4.4		221	215	97	230	223	97	4	36-166/43
207-08-9	Benzo(k)fluoranthene	< 4.4		221	226	102	230	237	103	5	43-165/41
50-32-8	Benzo(a)pyrene	< 4.4		221	231	104	230	237	103	3	41-161/37
218-01-9	Chrysene	< 4.4		221	236	107	230	245	106	4	52-152/32
53-70-3	Dibenzo(a,h)anthracene	< 4.4		221	229	103	230	239	104	4	42-155/36
206-44-0	Fluoranthene	< 4.4		221	264	119	230	273	119	3	40-151/34
86-73-7	Fluorene	< 4.4		221	229	103	230	239	104	4	34-149/34
193-39-5	Indeno(1,2,3-cd)pyrene	< 4.4		221	228	103	230	238	103	4	41-156/37
90-12-0	1-Methylnaphthalene	< 4.4		221	193	87	230	194	84	1	23-149/36
91-57-6	2-Methylnaphthalene	< 4.4		221	193	87	230	200	87	4	18-144/35
91-20-3	Naphthalene	< 2.2		221	195	88	230	202	88	4	18-150/32
129-00-0	Pyrene	< 4.4		221	230	104	230	241	105	5	38-156/33

CAS No.	Surrogate Recoveries	MS	MSD	DA78742-47	Limits
321-60-8	2-Fluorobiphenyl	110%	105%	102%	22-138%
4165-60-0	Nitrobenzene-d5	133%	126%	123%	32-143%
1718-51-0	Terphenyl-d14	94%	87%	87%	48-149%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29810-MS	7G008405.D	1	01/17/26	ZL	01/16/26	OP29810	E7G310
OP29810-MSD	7G008406.D	1	01/17/26	ZL	01/16/26	OP29810	E7G310
DA78742-55	7G008407.D	1	01/17/26	ZL	01/16/26	OP29810	E7G310

The QC reported here applies to the following samples: **Method:** SW846 8270E

DA78742-52, DA78742-53, DA78742-54, DA78742-55, DA78742-56, DA78742-57, DA78742-58, DA78742-59, DA78742-60, DA78742-61, DA78742-62, DA78742-63

CAS No.	Compound	DA78742-55 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
83-32-9	Acenaphthene	< 4.5		213	206	97	222	214	96	4	30-148/32
120-12-7	Anthracene	< 4.5		213	234	110	222	245	110	5	40-148/33
56-55-3	Benzo(a)anthracene	< 5.7		213	214	100	222	218	98	2	44-144/32
205-99-2	Benzo(b)fluoranthene	< 4.5		213	215	101	222	198	89	8	36-166/43
207-08-9	Benzo(k)fluoranthene	< 4.5		213	197	92	222	206	93	4	43-165/41
50-32-8	Benzo(a)pyrene	< 4.5		213	211	99	222	205	92	3	41-161/37
218-01-9	Chrysene	< 4.5		213	213	100	222	214	96	0	52-152/32
53-70-3	Dibenzo(a,h)anthracene	< 4.5		213	212	99	222	207	93	2	42-155/36
206-44-0	Fluoranthene	< 4.5		213	241	113	222	264	119	9	40-151/34
86-73-7	Fluorene	< 4.5		213	216	101	222	203	92	6	34-149/34
193-39-5	Indeno(1,2,3-cd)pyrene	< 4.5		213	214	100	222	207	93	3	41-156/37
90-12-0	1-Methylnaphthalene	< 4.5		213	187	88	222	187	84	0	23-149/36
91-57-6	2-Methylnaphthalene	< 4.5		213	181	85	222	191	86	5	18-144/35
91-20-3	Naphthalene	< 2.3		213	181	85	222	188	85	4	18-150/32
129-00-0	Pyrene	< 4.5		213	216	101	222	188	85	14	38-156/33

CAS No.	Surrogate Recoveries	MS	MSD	DA78742-55	Limits
321-60-8	2-Fluorobiphenyl	102%	104%	97%	22-138%
4165-60-0	Nitrobenzene-d5	119%	126%	116%	32-143%
1718-51-0	Terphenyl-d14	81%	68%	79%	48-149%

* = Outside of Control Limits.

GC/LC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29819-MB	FN99544.D	1	01/17/26	JB	01/15/26	OP29819	GFN606

The QC reported here applies to the following samples: **Method:** SW846-8015C

DA78742-25, DA78742-26, DA78742-27, DA78742-28, DA78742-29, DA78742-30, DA78742-31, DA78742-32, DA78742-33, DA78742-34, DA78742-35, DA78742-36, DA78742-37, DA78742-38, DA78742-39, DA78742-40, DA78742-41, DA78742-42, DA78742-43, DA78742-44

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	ND	4.0	mg/kg	
	TPH-ORO (> C28-C36)	ND	6.0	mg/kg	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	147%	44-149%

Method Blank Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29820-MB	LW52117.D	1	01/16/26	JB	01/15/26	OP29820	GLW1237

The QC reported here applies to the following samples: **Method:** SW846-8015C

DA78742-45, DA78742-46, DA78742-47, DA78742-48, DA78742-49, DA78742-50, DA78742-51, DA78742-52, DA78742-53, DA78742-54, DA78742-55, DA78742-56, DA78742-57, DA78742-58, DA78742-59, DA78742-60, DA78742-61, DA78742-62, DA78742-63

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	ND	4.0	mg/kg	
	TPH-ORO (> C28-C36)	ND	6.0	mg/kg	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	80%	44-149%

Method Blank Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29828-MB	FP090124.D	1	01/19/26	JB	01/16/26	OP29828	GFP2547

The QC reported here applies to the following samples: **Method:** SW846-8015C

DA78742-6, DA78742-7, DA78742-8, DA78742-9, DA78742-10, DA78742-11, DA78742-12, DA78742-13, DA78742-14, DA78742-15, DA78742-16, DA78742-17, DA78742-18, DA78742-19, DA78742-20, DA78742-21, DA78742-22, DA78742-23, DA78742-24

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	ND	4.0	mg/kg	
	TPH-ORO (> C28-C36)	ND	6.0	mg/kg	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	103%	44-149%

Method Blank Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29827-MB	FH085026.D	1	01/19/26	JB	01/16/26	OP29827	GFH24072

The QC reported here applies to the following samples: **Method:** SW846-8015C

DA78742-1, DA78742-2, DA78742-3, DA78742-4, DA78742-5

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	ND	4.0	mg/kg	
	TPH-ORO (> C28-C36)	ND	6.0	mg/kg	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	105%	44-149%

Blank Spike Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29819-BS1	FN99545.D	1	01/17/26	JB	01/15/26	OP29819	GFN606

The QC reported here applies to the following samples: **Method:** SW846-8015C

DA78742-25, DA78742-26, DA78742-27, DA78742-28, DA78742-29, DA78742-30, DA78742-31, DA78742-32, DA78742-33, DA78742-34, DA78742-35, DA78742-36, DA78742-37, DA78742-38, DA78742-39, DA78742-40, DA78742-41, DA78742-42, DA78742-43, DA78742-44

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-DRO (C10-C28)	200	156	78	66-130

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	161%* [a]	44-149%

(a) Outside of in house control limits.

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29819-BS2	FN99546.D	1	01/17/26	JB	01/15/26	OP29819	GFN606

The QC reported here applies to the following samples: **Method:** SW846-8015C

DA78742-25, DA78742-26, DA78742-27, DA78742-28, DA78742-29, DA78742-30, DA78742-31, DA78742-32, DA78742-33, DA78742-34, DA78742-35, DA78742-36, DA78742-37, DA78742-38, DA78742-39, DA78742-40, DA78742-41, DA78742-42, DA78742-43, DA78742-44

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-ORO (> C28-C36)	200	207	104	49-160

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	156%* [a]	44-149%

(a) Outside of in house control limits.

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29820-BS1	LW52118.D	1	01/16/26	JB	01/15/26	OP29820	GLW1237

The QC reported here applies to the following samples: **Method:** SW846-8015C

DA78742-45, DA78742-46, DA78742-47, DA78742-48, DA78742-49, DA78742-50, DA78742-51, DA78742-52, DA78742-53, DA78742-54, DA78742-55, DA78742-56, DA78742-57, DA78742-58, DA78742-59, DA78742-60, DA78742-61, DA78742-62, DA78742-63

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-DRO (C10-C28)	200	176	88	66-130

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	83%	44-149%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29820-BS2	LW52119.D	1	01/16/26	JB	01/15/26	OP29820	GLW1237

The QC reported here applies to the following samples: **Method:** SW846-8015C

DA78742-45, DA78742-46, DA78742-47, DA78742-48, DA78742-49, DA78742-50, DA78742-51, DA78742-52, DA78742-53, DA78742-54, DA78742-55, DA78742-56, DA78742-57, DA78742-58, DA78742-59, DA78742-60, DA78742-61, DA78742-62, DA78742-63

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-ORO (> C28-C36)	200	197	99	49-160

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	83%	44-149%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29828-BS1	FP090125.D	1	01/19/26	JB	01/16/26	OP29828	GFP2547

The QC reported here applies to the following samples: **Method:** SW846-8015C

DA78742-6, DA78742-7, DA78742-8, DA78742-9, DA78742-10, DA78742-11, DA78742-12, DA78742-13, DA78742-14, DA78742-15, DA78742-16, DA78742-17, DA78742-18, DA78742-19, DA78742-20, DA78742-21, DA78742-22, DA78742-23, DA78742-24

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-DRO (C10-C28)	200	190	95	66-130

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	109%	44-149%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29827-BS1	FH085027.D	1	01/19/26	JB	01/16/26	OP29827	GFH24072

The QC reported here applies to the following samples: **Method:** SW846-8015C

DA78742-1, DA78742-2, DA78742-3, DA78742-4, DA78742-5

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-DRO (C10-C28)	200	225	113	66-130

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	105%	44-149%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29828-BS2	FP090126.D	1	01/19/26	JB	01/16/26	OP29828	GFP2547

The QC reported here applies to the following samples: **Method:** SW846-8015C

DA78742-6, DA78742-7, DA78742-8, DA78742-9, DA78742-10, DA78742-11, DA78742-12, DA78742-13, DA78742-14, DA78742-15, DA78742-16, DA78742-17, DA78742-18, DA78742-19, DA78742-20, DA78742-21, DA78742-22, DA78742-23, DA78742-24

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-ORO (> C28-C36)	200	263	132	49-160

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	101%	44-149%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29827-BS2	FH085028.D	1	01/19/26	JB	01/16/26	OP29827	GFH24072

The QC reported here applies to the following samples: **Method:** SW846-8015C

DA78742-1, DA78742-2, DA78742-3, DA78742-4, DA78742-5

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-ORO (> C28-C36)	200	248	124	49-160

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	105%	44-149%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29820-MS1	LW52120.D	1	01/16/26	JB	01/15/26	OP29820	GLW1237
OP29820-MSD1	LW52121.D	1	01/16/26	JB	01/15/26	OP29820	GLW1237
DA78742-45	LW52124.D	1	01/16/26	JB	01/15/26	OP29820	GLW1237

The QC reported here applies to the following samples: **Method:** SW846-8015C

DA78742-45, DA78742-46, DA78742-47, DA78742-48, DA78742-49, DA78742-50, DA78742-51, DA78742-52, DA78742-53, DA78742-54, DA78742-55, DA78742-56, DA78742-57, DA78742-58, DA78742-59, DA78742-60, DA78742-61, DA78742-62, DA78742-63

CAS No.	Compound	DA78742-45 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-DRO (C10-C28)	< 4.2		216	171	79	210	172	82	4	34-156/36

CAS No.	Surrogate Recoveries	MS	MSD	DA78742-45	Limits
84-15-1	o-Terphenyl	83%	82%	73%	44-149%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29819-MS1	FN99547.D	1	01/17/26	JB	01/15/26	OP29819	GFN606
OP29819-MSD1	FN99548.D	1	01/17/26	JB	01/15/26	OP29819	GFN606
DA78742-25	FN99551.D	1	01/17/26	JB	01/15/26	OP29819	GFN606

The QC reported here applies to the following samples: **Method:** SW846-8015C

DA78742-25, DA78742-26, DA78742-27, DA78742-28, DA78742-29, DA78742-30, DA78742-31, DA78742-32, DA78742-33, DA78742-34, DA78742-35, DA78742-36, DA78742-37, DA78742-38, DA78742-39, DA78742-40, DA78742-41, DA78742-42, DA78742-43, DA78742-44

CAS No.	Compound	DA78742-25 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-DRO (C10-C28)	< 4.1		207	147	71	210	154	73	5	34-156/36

CAS No.	Surrogate Recoveries	MS	MSD	DA78742-25	Limits
84-15-1	o-Terphenyl	152%* [a]	158%* [a]	125%	44-149%

(a) Outside of in house control limits.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29819-MS2	FN99549.D	1	01/17/26	JB	01/15/26	OP29819	GFN606
OP29819-MSD2	FN99550.D	1	01/17/26	JB	01/15/26	OP29819	GFN606
DA78742-26	FN99552.D	1	01/17/26	JB	01/15/26	OP29819	GFN606

The QC reported here applies to the following samples: **Method:** SW846-8015C

DA78742-25, DA78742-26, DA78742-27, DA78742-28, DA78742-29, DA78742-30, DA78742-31, DA78742-32, DA78742-33, DA78742-34, DA78742-35, DA78742-36, DA78742-37, DA78742-38, DA78742-39, DA78742-40, DA78742-41, DA78742-42, DA78742-43, DA78742-44

CAS No.	Compound	DA78742-26 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-ORO (> C28-C36)	< 6.0		204	203	99	198	203	102	0	24-189/30

CAS No.	Surrogate Recoveries	MS	MSD	DA78742-26	Limits
84-15-1	o-Terphenyl	150%* [a]	150%* [a]	124%	44-149%

(a) Outside of in house control limits.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29820-MS2	LW52122.D	1	01/16/26	JB	01/15/26	OP29820	GLW1237
OP29820-MSD2	LW52123.D	1	01/16/26	JB	01/15/26	OP29820	GLW1237
DA78742-46	LW52125.D	1	01/16/26	JB	01/15/26	OP29820	GLW1237

The QC reported here applies to the following samples: **Method:** SW846-8015C

DA78742-45, DA78742-46, DA78742-47, DA78742-48, DA78742-49, DA78742-50, DA78742-51, DA78742-52, DA78742-53, DA78742-54, DA78742-55, DA78742-56, DA78742-57, DA78742-58, DA78742-59, DA78742-60, DA78742-61, DA78742-62, DA78742-63

CAS No.	Compound	DA78742-46 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-ORO (> C28-C36)	< 6.9		222	216	97	225	238	106	10	24-189/30

CAS No.	Surrogate Recoveries	MS	MSD	DA78742-46	Limits
84-15-1	o-Terphenyl	63%	81%	63%	44-149%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29827-MS1	FH085029.D	1	01/19/26	JB	01/16/26	OP29827	GFH24072
OP29827-MSD1	FH085030.D	1	01/19/26	JB	01/16/26	OP29827	GFH24072
DA78733-5	FH085033.D	1	01/19/26	JB	01/16/26	OP29827	GFH24072
DA78733-5	LW52372.D	1	01/22/26	JB	01/16/26	OP29827	GLW1241

The QC reported here applies to the following samples: **Method:** SW846-8015C

DA78742-1, DA78742-2, DA78742-3, DA78742-4, DA78742-5

CAS No.	Compound	DA78733-5 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-DRO (C10-C28)	77.1 [a]		214	359	135	214	350	130	3	34-156/36

CAS No.	Surrogate Recoveries	MS	MSD	DA78733-5	DA78733-5	Limits
84-15-1	o-Terphenyl	223%* [b]	214%* [b]	109%	115%	44-149%

(a) Result is from Run #2.
(b) Outside of in house control limits.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29828-MS1	FP090127.D	1	01/19/26	JB	01/16/26	OP29828	GFP2547
OP29828-MSD1	FP090128.D	1	01/19/26	JB	01/16/26	OP29828	GFP2547
DA78742-6	FP090131.D	1	01/19/26	JB	01/16/26	OP29828	GFP2547

The QC reported here applies to the following samples: **Method:** SW846-8015C

DA78742-6, DA78742-7, DA78742-8, DA78742-9, DA78742-10, DA78742-11, DA78742-12, DA78742-13, DA78742-14, DA78742-15, DA78742-16, DA78742-17, DA78742-18, DA78742-19, DA78742-20, DA78742-21, DA78742-22, DA78742-23, DA78742-24

CAS No.	Compound	DA78742-6 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-DRO (C10-C28)	< 5.0		249	238	95	248	254	102	7	34-156/36

CAS No.	Surrogate Recoveries	MS	MSD	DA78742-6	Limits
84-15-1	o-Terphenyl	118%	119%	103%	44-149%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29828-MS2	FP090129.D	1	01/19/26	JB	01/16/26	OP29828	GFP2547
OP29828-MSD2	FP090130.D	1	01/19/26	JB	01/16/26	OP29828	GFP2547
DA78742-7	FP090132.D	1	01/19/26	JB	01/16/26	OP29828	GFP2547

The QC reported here applies to the following samples: **Method:** SW846-8015C

DA78742-6, DA78742-7, DA78742-8, DA78742-9, DA78742-10, DA78742-11, DA78742-12, DA78742-13, DA78742-14, DA78742-15, DA78742-16, DA78742-17, DA78742-18, DA78742-19, DA78742-20, DA78742-21, DA78742-22, DA78742-23, DA78742-24

CAS No.	Compound	DA78742-7 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-ORO (> C28-C36)	< 7.8		253	341	135	254	345	136	1	24-189/30

CAS No.	Surrogate Recoveries	MS	MSD	DA78742-7	Limits
84-15-1	o-Terphenyl	98%	107%	111%	44-149%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA78742
Account: CIVITCOW Civitas
Project: Gordon 13-19

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29827-MS2	FH085031.D	1	01/19/26	JB	01/16/26	OP29827	GFH24072
OP29827-MSD2	FH085032.D	1	01/19/26	JB	01/16/26	OP29827	GFH24072
DA78733-6	FH085034.D	1	01/19/26	JB	01/16/26	OP29827	GFH24072

The QC reported here applies to the following samples: **Method:** SW846-8015C

DA78742-1, DA78742-2, DA78742-3, DA78742-4, DA78742-5

CAS No.	Compound	DA78733-6 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-ORO (> C28-C36)	< 6.3		209	283	135	210	266	127	6	24-189/30

CAS No.	Surrogate Recoveries	MS	MSD	DA78733-6	Limits
84-15-1	o-Terphenyl	215%* [a]	213%* [a]	110%	44-149%

(a) Outside of in house control limits.

* = Outside of Control Limits.

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45550
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 01/15/26

Metal	RL	IDL	MDL	MB raw	final
Aluminum	50	.52	5		
Antimony	0.40	.01	.05		
Arsenic	0.20	.05	.05	0.038	<0.20
Barium	2.0	.096	.24	0.057	<2.0
Beryllium	0.20	.077	.04		
Boron	40	18	10		
Cadmium	0.10	.03	.04	0.0015	<0.10
Calcium	400	25	30		
Chromium	2.0	.087	.6		
Cobalt	0.20	.04	.025		
Copper	2.0	.05	.25	-0.018	<2.0
Iron	20	1.6	15		
Lead	0.50	.094	.2	0.016	<0.50
Magnesium	100	10	10		
Manganese	1.0	.079	.2		
Molybdenum	1.0	.037	.27		
Nickel	2.0	.098	.2	0.34	<2.0
Phosphorus	60	7.6	25		
Potassium	200	2	25		
Selenium	0.20	.05	.05	0.0080	<0.20
Silver	0.10	.0081	.03	-0.00048	<0.10
Sodium	500	10	30		
Strontium	20	.1	1		
Thallium	0.20	.032	.04		
Tin	10	.22	4		
Titanium	2.0	.05	.3		
Uranium	0.20	.015	.1		
Vanadium	1.0	.14	.2		
Zinc	10	.05	1	-0.14	<10

Associated samples MP45550: DA78742-1C, DA78742-2C, DA78742-3C, DA78742-4C, DA78742-5C, DA78742-6C, DA78742-7C, DA78742-8C, DA78742-9C, DA78742-10C, DA78742-11C

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45550
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 01/15/26

Metal	DA78743-14C Original	MS	Spikelot ICPMS6	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	9.8	125	122	94.4	75-125
Barium	41.9	973	244	381.3N(a	75-125
Beryllium					
Boron					
Cadmium	0.051	63.2	61	103.5	75-125
Calcium					
Chromium					
Cobalt					
Copper	17.3	75.8	61	95.8	75-125
Iron					
Lead	19.3	141	122	99.7	75-125
Magnesium					
Manganese					
Molybdenum					
Nickel	16.9	76.8	61	98.1	75-125
Phosphorus					
Potassium					
Selenium	0.34	117	122	95.6	75-125
Silver	0.033	25.4	24.4	103.9	75-125
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc	71.3	129	61	94.5	75-125

Associated samples MP45550: DA78742-1C, DA78742-2C, DA78742-3C, DA78742-4C, DA78742-5C, DA78742-6C, DA78742-7C, DA78742-8C, DA78742-9C, DA78742-10C, DA78742-11C

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45550
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 01/15/26

Metal	DA78743-14C Original	MSD	Spikelot ICPMS6	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	9.8	125	121	95.3	0.0	20
Barium	41.9	324	242	116.7	100.1 (a)	20
Beryllium						
Boron						
Cadmium	0.051	63.4	60.4	104.8	0.3	20
Calcium						
Chromium						
Cobalt						
Copper	17.3	77.0	60.4	98.8	1.6	20
Iron						
Lead	19.3	143	121	102.3	1.4	20
Magnesium						
Manganese						
Molybdenum						
Nickel	16.9	78.0	60.4	101.1	1.6	20
Phosphorus						
Potassium						
Selenium	0.34	115	121	94.8	1.7	20
Silver	0.033	25.3	24.2	104.5	0.4	20
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc	71.3	132	60.4	100.4	2.3	20

Associated samples MP45550: DA78742-1C, DA78742-2C, DA78742-3C, DA78742-4C, DA78742-5C, DA78742-6C, DA78742-7C, DA78742-8C, DA78742-9C, DA78742-10C, DA78742-11C

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) High RPD due to possible sample nonhomogeneity.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45550
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 01/15/26

Metal	BSP Result	Spikelot ICPMS6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	99.6	100	99.6	80-120
Barium	189	200	94.5	80-120
Beryllium				
Boron				
Cadmium	51.8	50	103.6	80-120
Calcium				
Chromium				
Cobalt				
Copper	51.1	50	102.2	80-120
Iron				
Lead	100	100	100.0	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel	51.2	50	102.4	80-120
Phosphorus				
Potassium				
Selenium	99.0	100	99.0	80-120
Silver	20.6	20	103.0	80-120
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	50.3	50	100.6	80-120

Associated samples MP45550: DA78742-1C, DA78742-2C, DA78742-3C, DA78742-4C, DA78742-5C, DA78742-6C, DA78742-7C, DA78742-8C, DA78742-9C, DA78742-10C, DA78742-11C

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45550
Matrix Type: SOLID

Methods: SW846 6020B
Units: ug/l

Prep Date: 01/15/26

Metal	DA78743-14C Original	SDL 10:50%DIF		QC Limits
Aluminum				
Antimony				
Arsenic	79.7	75.7	5.0	0-20
Barium	340	311	8.4	0-20
Beryllium				
Boron				
Cadmium	0.415	0.00	100.0(a)	0-20
Calcium				
Chromium				
Cobalt				
Copper	140	132	6.0	0-20
Iron				
Lead	157	143	8.6	0-20
Magnesium				
Manganese				
Molybdenum				
Nickel	137	151	10.7	0-20
Phosphorus				
Potassium				
Selenium	2.72	2.99	9.9	0-20
Silver	0.264	0.00	100.0(a)	0-20
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	579	562	2.9	0-20

Associated samples MP45550: DA78742-1C, DA78742-2C, DA78742-3C, DA78742-4C, DA78742-5C, DA78742-6C, DA78742-7C, DA78742-8C, DA78742-9C, DA78742-10C, DA78742-11C

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45551
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 01/15/26

Metal	RL	IDL	MDL	MB raw	final
Aluminum	50	.52	5		
Antimony	0.40	.01	.05		
Arsenic	0.20	.05	.05	0.041	<0.20
Barium	2.0	.096	.24	0.058	<2.0
Beryllium	0.20	.077	.04		
Boron	40	18	10		
Cadmium	0.10	.03	.04	0.0058	<0.10
Calcium	400	25	30		
Chromium	2.0	.087	.6		
Cobalt	0.20	.04	.025		
Copper	2.0	.05	.25	-0.0041	<2.0
Iron	20	1.6	15		
Lead	0.50	.094	.2	0.013	<0.50
Magnesium	100	10	10		
Manganese	1.0	.079	.2		
Molybdenum	1.0	.037	.27		
Nickel	2.0	.098	.2	0.26	<2.0
Phosphorus	60	7.6	25		
Potassium	200	2	25		
Selenium	0.20	.05	.05	0.0085	<0.20
Silver	0.10	.0081	.03	0.00055	<0.10
Sodium	500	10	30		
Strontium	20	.1	1		
Thallium	0.20	.032	.04		
Tin	10	.22	4		
Titanium	2.0	.05	.3		
Uranium	0.20	.015	.1		
Vanadium	1.0	.14	.2		
Zinc	10	.05	1	-0.23	<10

Associated samples MP45551: DA78742-32C, DA78742-33C, DA78742-34C, DA78742-35C, DA78742-36C, DA78742-37C, DA78742-38C, DA78742-39C, DA78742-40C, DA78742-41C, DA78742-42C, DA78742-43C, DA78742-44C, DA78742-45C, DA78742-46C, DA78742-47C, DA78742-48C, DA78742-49C, DA78742-50C, DA78742-51C

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45551
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 01/15/26

Metal	DA78742-32C Original	MS	Spikelot ICPMS6	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	2.6	125	121	101.0	75-125
Barium	97.7	306	242	85.9	75-125
Beryllium					
Boron					
Cadmium	0.17	62.4	60.6	102.7	75-125
Calcium					
Chromium					
Cobalt					
Copper	19.3	96.9	60.6	128.0N(a	75-125
Iron					
Lead	10.7	136	121	103.4	75-125
Magnesium					
Manganese					
Molybdenum					
Nickel	13.2	73.5	60.6	99.5	75-125
Phosphorus					
Potassium					
Selenium	0.24	110	121	90.5	75-125
Silver	0.067	25.1	24.2	103.3	75-125
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc	38.7	142	60.6	170.4N(a	75-125

Associated samples MP45551: DA78742-32C, DA78742-33C, DA78742-34C, DA78742-35C, DA78742-36C, DA78742-37C, DA78742-38C, DA78742-39C, DA78742-40C, DA78742-41C, DA78742-42C, DA78742-43C, DA78742-44C, DA78742-45C, DA78742-46C, DA78742-47C, DA78742-48C, DA78742-49C, DA78742-50C, DA78742-51C

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45551
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 01/15/26

	DA78742-32C	Spikelot		QC
Metal	Original MS	ICPMS6	% Rec	Limits

(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45551
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 01/15/26

Metal	DA78742-32C Original	MSD	Spikelot ICPMS6	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	2.6	103	110	91.3	19.3	20
Barium	97.7	289	220	87.0	5.7	20
Beryllium						
Boron						
Cadmium	0.17	58.4	55	106.0	6.6	20
Calcium						
Chromium						
Cobalt						
Copper	19.3	74.8	55	101.0	25.7 (a)	20
Iron						
Lead	10.7	124	110	103.1	9.2	20
Magnesium						
Manganese						
Molybdenum						
Nickel	13.2	66.6	55	97.2	9.9	20
Phosphorus						
Potassium						
Selenium	0.24	102	110	92.6	7.5	20
Silver	0.067	23.2	22	105.2	7.9	20
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc	38.7	96.3	55	104.8	38.4 (a)	20

Associated samples MP45551: DA78742-32C, DA78742-33C, DA78742-34C, DA78742-35C, DA78742-36C, DA78742-37C, DA78742-38C, DA78742-39C, DA78742-40C, DA78742-41C, DA78742-42C, DA78742-43C, DA78742-44C, DA78742-45C, DA78742-46C, DA78742-47C, DA78742-48C, DA78742-49C, DA78742-50C, DA78742-51C

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45551 Methods: SW846 6020B
Matrix Type: SOLID Units: mg/kg

Prep Date: 01/15/26

	DA78742-32C	Spikelot		MSD	QC
Metal	Original MSD	ICPMS6	% Rec	RPD	Limit

(a) High RPD due to possible sample nonhomogeneity.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45551
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 01/15/26

Metal	BSP Result	Spikelot ICPMS6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	98.7	100	98.7	80-120
Barium	187	200	93.5	80-120
Beryllium				
Boron				
Cadmium	50.9	50	101.8	80-120
Calcium				
Chromium				
Cobalt				
Copper	51.1	50	102.2	80-120
Iron				
Lead	99.1	100	99.1	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel	50.9	50	101.8	80-120
Phosphorus				
Potassium				
Selenium	98.6	100	98.6	80-120
Silver	20.4	20	102.0	80-120
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	50.6	50	101.2	80-120

Associated samples MP45551: DA78742-32C, DA78742-33C, DA78742-34C, DA78742-35C, DA78742-36C, DA78742-37C, DA78742-38C, DA78742-39C, DA78742-40C, DA78742-41C, DA78742-42C, DA78742-43C, DA78742-44C, DA78742-45C, DA78742-46C, DA78742-47C, DA78742-48C, DA78742-49C, DA78742-50C, DA78742-51C

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45551
Matrix Type: SOLID

Methods: SW846 6020B
Units: ug/l

Prep Date: 01/15/26

Metal	DA78742-32C Original	SDL 10:50%DIF		QC Limits
Aluminum				
Antimony				
Arsenic	23.4	24.0	2.3	0-20
Barium	882	877	0.5	0-20
Beryllium				
Boron				
Cadmium	1.50	0.00	100.0(a)	0-20
Calcium				
Chromium				
Cobalt				
Copper	174	179	2.9	0-20
Iron				
Lead	96.9	95.0	1.9	0-20
Magnesium				
Manganese				
Molybdenum				
Nickel	119	131	9.9	0-20
Phosphorus				
Potassium				
Selenium	2.17	0.00	100.0(a)	0-20
Silver	0.606	0.675	11.3	0-20
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	350	352	0.8	0-20

Associated samples MP45551: DA78742-32C, DA78742-33C, DA78742-34C, DA78742-35C, DA78742-36C, DA78742-37C, DA78742-38C, DA78742-39C, DA78742-40C, DA78742-41C, DA78742-42C, DA78742-43C, DA78742-44C, DA78742-45C, DA78742-46C, DA78742-47C, DA78742-48C, DA78742-49C, DA78742-50C, DA78742-51C

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45558
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26

Metal	RL	IDL	MDL	MB raw	final
Aluminum	500	9.9	75		
Antimony	150	30	34		
Arsenic	130	11	23		
Barium	50	.95	6.5		
Beryllium	50	.5	6.5		
Boron	250	6.3	32	25.5	<250
Cadmium	50	1.1	6.5		
Calcium	2000	28	250		
Chromium	50	3.4	6.5		
Cobalt	25	4.1	3.2		
Copper	50	2.5	6.5		
Iron	350	9.3	60		
Lead	250	21	32		
Lithium	25	10	6.5		
Magnesium	1000	35	130		
Manganese	25	.85	3.2		
Molybdenum	50	13	14		
Nickel	150	5.7	19		
Phosphorus	500	58	80		
Potassium	5000	180	630		
Selenium	250	46	110		
Silicon	1000	210	750		
Silver	150	2.8	19		
Sodium	2000	43	250		
Strontium	25	.5	3.2		
Thallium	50	30	22		
Tin	300	17	260		
Titanium	50	2.2	6.5		
Uranium	250	57	43		
Vanadium	50	5.2	6.5		
Zinc	150	3.4	19		

Associated samples MP45558: DA78742-12B, DA78742-13B, DA78742-14B, DA78742-15B, DA78742-16B, DA78742-17B, DA78742-18B, DA78742-19B, DA78742-20B, DA78742-21B, DA78742-22B, DA78742-23B, DA78742-24B, DA78742-25B, DA78742-26B, DA78742-27B, DA78742-28B, DA78742-29B, DA78742-30B, DA78742-31B

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45558 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 01/15/26

Metal	RL	IDL	MDL	MB raw	final

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45558
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:			01/15/26					01/15/26	
Metal	DA78742-31B Original	DUP	RPD	QC Limits	DA78742-31B Original	MS	Spikelot ICPALL6	% Rec	QC Limits
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Boron	260	230	12.2	0-20	260	10600	10000	103.4	75-125
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead									
Lithium									
Magnesium									
Manganese									
Molybdenum									
Nickel									
Phosphorus									
Potassium									
Selenium									
Silicon									
Silver									
Sodium									
Strontium									
Thallium									
Tin									
Titanium									
Uranium									
Vanadium									
Zinc									

Associated samples MP45558: DA78742-12B, DA78742-13B, DA78742-14B, DA78742-15B, DA78742-16B, DA78742-17B, DA78742-18B, DA78742-19B, DA78742-20B, DA78742-21B, DA78742-22B, DA78742-23B, DA78742-24B, DA78742-25B, DA78742-26B, DA78742-27B, DA78742-28B, DA78742-29B, DA78742-30B, DA78742-31B

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45558
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26 01/15/26

Metal	DA78742-31B Original DUP	RPD	QC Limits	DA78742-31B Original MS	Spikelot ICPALL6	% Rec	QC Limits

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45558
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	9690	10000	96.9	80-120
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP45558: DA78742-12B, DA78742-13B, DA78742-14B, DA78742-15B, DA78742-16B, DA78742-17B, DA78742-18B, DA78742-19B, DA78742-20B, DA78742-21B, DA78742-22B, DA78742-23B, DA78742-24B, DA78742-25B, DA78742-26B, DA78742-27B, DA78742-28B, DA78742-29B, DA78742-30B, DA78742-31B

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45558
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45558
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26

Metal	DA78742-31B Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	52.0	51.0	1.9	0-10
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP45558: DA78742-12B, DA78742-13B, DA78742-14B, DA78742-15B, DA78742-16B, DA78742-17B, DA78742-18B, DA78742-19B, DA78742-20B, DA78742-21B, DA78742-22B, DA78742-23B, DA78742-24B, DA78742-25B, DA78742-26B, DA78742-27B, DA78742-28B, DA78742-29B, DA78742-30B, DA78742-31B

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45558 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 01/15/26

	DA78742-31B		QC
Metal	Original SDL 1:5	%DIF	Limits

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45559
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26

Metal	RL	IDL	MDL	MB raw	final
Aluminum	500	9.9	75		
Antimony	150	30	34		
Arsenic	130	11	23		
Barium	50	.95	6.5		
Beryllium	50	.5	6.5		
Boron	250	6.3	32	65.0	<250
Cadmium	50	1.1	6.5		
Calcium	2000	28	250		
Chromium	50	3.4	6.5		
Cobalt	25	4.1	3.2		
Copper	50	2.5	6.5		
Iron	350	9.3	60		
Lead	250	21	32		
Lithium	25	10	6.5		
Magnesium	1000	35	130		
Manganese	25	.85	3.2		
Molybdenum	50	13	14		
Nickel	150	5.7	19		
Phosphorus	500	58	80		
Potassium	5000	180	630		
Selenium	250	46	110		
Silicon	1000	210	750		
Silver	150	2.8	19		
Sodium	2000	43	250		
Strontium	25	.5	3.2		
Thallium	50	30	22		
Tin	300	17	260		
Titanium	50	2.2	6.5		
Uranium	250	57	43		
Vanadium	50	5.2	6.5		
Zinc	150	3.4	19		

Associated samples MP45559: DA78742-1B, DA78742-2B, DA78742-3B, DA78742-4B, DA78742-5B, DA78742-6B, DA78742-7B, DA78742-8B, DA78742-9B, DA78742-10B, DA78742-11B

Results < IDL are shown as zero for calculation purposes

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45559
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26

Metal	RL	IDL	MDL	MB raw	final

(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45559
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26 01/15/26

Metal	DA78743-14B Original	DUP	RPD	QC Limits	DA78743-14B Original	MS	Spikelot ICPALL6	% Rec	QC Limits
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Boron	523	462	12.4	0-20	523	10700	10000	101.8	75-125
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead									
Lithium									
Magnesium									
Manganese									
Molybdenum									
Nickel									
Phosphorus									
Potassium									
Selenium									
Silicon									
Silver									
Sodium									
Strontium									
Thallium									
Tin									
Titanium									
Uranium									
Vanadium									
Zinc									

Associated samples MP45559: DA78742-1B, DA78742-2B, DA78742-3B, DA78742-4B, DA78742-5B, DA78742-6B, DA78742-7B, DA78742-8B, DA78742-9B, DA78742-10B, DA78742-11B

Results < IDL are shown as zero for calculation purposes

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45559
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26 01/15/26

Metal	DA78743-14B Original DUP	RPD	QC Limits	DA78743-14B Original MS	Spikelot ICPALL6	% Rec	QC Limits

(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45559
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	9560	10000	95.6	80-120
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP45559: DA78742-1B, DA78742-2B, DA78742-3B, DA78742-4B, DA78742-5B, DA78742-6B, DA78742-7B, DA78742-8B, DA78742-9B, DA78742-10B, DA78742-11B

Results < IDL are shown as zero for calculation purposes

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45559
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits

(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45559
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26

Metal	DA78743-14B Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	105	95.3	8.9	0-10
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP45559: DA78742-1B, DA78742-2B, DA78742-3B, DA78742-4B, DA78742-5B, DA78742-6B, DA78742-7B, DA78742-8B, DA78742-9B, DA78742-10B, DA78742-11B

Results < IDL are shown as zero for calculation purposes

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45559
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26

	DA78743-14B		QC
Metal	Original SDL 1:5	%DIF	Limits

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45560
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26

Metal	RL	IDL	MDL	MB raw	final
Aluminum	500	9.9	75		
Antimony	150	30	34		
Arsenic	130	11	23		
Barium	50	.95	6.5		
Beryllium	50	.5	6.5		
Boron	250	6.3	32	55.0	<250
Cadmium	50	1.1	6.5		
Calcium	2000	28	250		
Chromium	50	3.4	6.5		
Cobalt	25	4.1	3.2		
Copper	50	2.5	6.5		
Iron	350	9.3	60		
Lead	250	21	32		
Lithium	25	10	6.5		
Magnesium	1000	35	130		
Manganese	25	.85	3.2		
Molybdenum	50	13	14		
Nickel	150	5.7	19		
Phosphorus	500	58	80		
Potassium	5000	180	630		
Selenium	250	46	110		
Silicon	1000	210	750		
Silver	150	2.8	19		
Sodium	2000	43	250		
Strontium	25	.5	3.2		
Thallium	50	30	22		
Tin	300	17	260		
Titanium	50	2.2	6.5		
Uranium	250	57	43		
Vanadium	50	5.2	6.5		
Zinc	150	3.4	19		

Associated samples MP45560: DA78742-32B, DA78742-33B, DA78742-34B, DA78742-35B, DA78742-36B, DA78742-37B, DA78742-38B, DA78742-39B, DA78742-40B, DA78742-41B, DA78742-42B, DA78742-43B, DA78742-44B, DA78742-45B, DA78742-46B, DA78742-47B, DA78742-48B, DA78742-49B, DA78742-50B, DA78742-51B

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45560 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 01/15/26

Metal	RL	IDL	MDL	MB raw	final

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45560
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:			01/15/26					01/15/26	
Metal	DA78742-32B Original	DUP	RPD	QC Limits	DA78742-32B Original	MS	Spikelot ICPALL6	% Rec	QC Limits
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Boron	226	245	8.1	0-20	226	10300	10000	100.7	75-125
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead									
Lithium									
Magnesium									
Manganese									
Molybdenum									
Nickel									
Phosphorus									
Potassium									
Selenium									
Silicon									
Silver									
Sodium									
Strontium									
Thallium									
Tin									
Titanium									
Uranium									
Vanadium									
Zinc									

Associated samples MP45560: DA78742-32B, DA78742-33B, DA78742-34B, DA78742-35B, DA78742-36B, DA78742-37B, DA78742-38B, DA78742-39B, DA78742-40B, DA78742-41B, DA78742-42B, DA78742-43B, DA78742-44B, DA78742-45B, DA78742-46B, DA78742-47B, DA78742-48B, DA78742-49B, DA78742-50B, DA78742-51B

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45560
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26 01/15/26

Metal	DA78742-32B Original DUP	RPD	QC Limits	DA78742-32B Original MS	Spikelot ICPALL6	% Rec	QC Limits

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45560
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	9590	10000	95.9	80-120
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP45560: DA78742-32B, DA78742-33B, DA78742-34B, DA78742-35B, DA78742-36B, DA78742-37B, DA78742-38B, DA78742-39B, DA78742-40B, DA78742-41B, DA78742-42B, DA78742-43B, DA78742-44B, DA78742-45B, DA78742-46B, DA78742-47B, DA78742-48B, DA78742-49B, DA78742-50B, DA78742-51B

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45560
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45560
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26

Metal	DA78742-32B Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	45.1	39.7	12.0 (a)	0-10
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP45560: DA78742-32B, DA78742-33B, DA78742-34B, DA78742-35B, DA78742-36B, DA78742-37B, DA78742-38B, DA78742-39B, DA78742-40B, DA78742-41B, DA78742-42B, DA78742-43B, DA78742-44B, DA78742-45B, DA78742-46B, DA78742-47B, DA78742-48B, DA78742-49B, DA78742-50B, DA78742-51B

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45560 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 01/15/26

	DA78742-32B		QC
Metal	Original SDL 1:5	%DIF	Limits

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45561
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26

Metal	RL	IDL	MDL	MB raw	final
Aluminum	500	9.9	75		
Antimony	150	30	34		
Arsenic	130	11	23		
Barium	50	.95	6.5		
Beryllium	50	.5	6.5		
Boron	250	6.3	32	59.5	<250
Cadmium	50	1.1	6.5		
Calcium	2000	28	250		
Chromium	50	3.4	6.5		
Cobalt	25	4.1	3.2		
Copper	50	2.5	6.5		
Iron	350	9.3	60		
Lead	250	21	32		
Lithium	25	10	6.5		
Magnesium	1000	35	130		
Manganese	25	.85	3.2		
Molybdenum	50	13	14		
Nickel	150	5.7	19		
Phosphorus	500	58	80		
Potassium	5000	180	630		
Selenium	250	46	110		
Silicon	1000	210	750		
Silver	150	2.8	19		
Sodium	2000	43	250		
Strontium	25	.5	3.2		
Thallium	50	30	22		
Tin	300	17	260		
Titanium	50	2.2	6.5		
Uranium	250	57	43		
Vanadium	50	5.2	6.5		
Zinc	150	3.4	19		

Associated samples MP45561: DA78742-52B, DA78742-53B, DA78742-54B, DA78742-55B, DA78742-56B, DA78742-57B, DA78742-58B, DA78742-59B, DA78742-60B, DA78742-61B, DA78742-62B, DA78742-63B

Results < IDL are shown as zero for calculation purposes

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45561
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26

Metal	RL	IDL	MDL	MB raw	final

(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45561
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:			01/15/26					01/15/26	
Metal	DA78742-52B Original	DUP	RPD	QC Limits	DA78742-52B Original	MS	Spikelot ICPALL6	% Rec	QC Limits
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Boron	289	218	28.0 (a)	0-20	289	10900	10000	106.1	75-125
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead									
Lithium									
Magnesium									
Manganese									
Molybdenum									
Nickel									
Phosphorus									
Potassium									
Selenium									
Silicon									
Silver									
Sodium									
Strontium									
Thallium									
Tin									
Titanium									
Uranium									
Vanadium									
Zinc									

Associated samples MP45561: DA78742-52B, DA78742-53B, DA78742-54B, DA78742-55B, DA78742-56B, DA78742-57B, DA78742-58B, DA78742-59B, DA78742-60B, DA78742-61B, DA78742-62B, DA78742-63B

Results < IDL are shown as zero for calculation purposes

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45561
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26 01/15/26

Metal	DA78742-52B Original DUP	RPD	QC Limits	DA78742-52B Original MS	Spikelot ICPALL6	% Rec	QC Limits

(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) RPD acceptable due to low duplicate and sample concentrations.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45561
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	9850	10000	98.5	80-120
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP45561: DA78742-52B, DA78742-53B, DA78742-54B, DA78742-55B, DA78742-56B, DA78742-57B, DA78742-58B, DA78742-59B, DA78742-60B, DA78742-61B, DA78742-62B, DA78742-63B

Results < IDL are shown as zero for calculation purposes

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45561
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits

(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45561
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26

Metal	DA78742-52B Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	57.8	53.8	6.9	0-10
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP45561: DA78742-52B, DA78742-53B, DA78742-54B, DA78742-55B, DA78742-56B, DA78742-57B, DA78742-58B, DA78742-59B, DA78742-60B, DA78742-61B, DA78742-62B, DA78742-63B

Results < IDL are shown as zero for calculation purposes

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45561
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26

	DA78742-52B		QC
Metal	Original SDL 1:5	%DIF	Limits

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45565
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 01/15/26

Metal	RL	IDL	MDL	MB raw	final
Aluminum	50	.52	5		
Antimony	0.40	.01	.05		
Arsenic	0.20	.05	.05	0.025	<0.20
Barium	2.0	.096	.24	0.093	<2.0
Beryllium	0.20	.077	.04		
Boron	40	18	10		
Cadmium	0.10	.03	.04	0.0027	<0.10
Calcium	400	25	30		
Chromium	2.0	.087	.6		
Cobalt	0.20	.04	.025		
Copper	2.0	.05	.25	0.0013	<2.0
Iron	20	1.6	15		
Lead	0.50	.094	.2	0.0066	<0.50
Magnesium	100	10	10		
Manganese	1.0	.079	.2		
Molybdenum	1.0	.037	.27		
Nickel	2.0	.098	.2	0.073	<2.0
Phosphorus	60	7.6	25		
Potassium	200	2	25		
Selenium	0.20	.05	.05	0.023	<0.20
Silver	0.10	.0081	.03	0.0034	<0.10
Sodium	500	10	30		
Strontium	20	.1	1		
Thallium	0.20	.032	.04		
Tin	10	.22	4		
Titanium	2.0	.05	.3		
Uranium	0.20	.015	.1		
Vanadium	1.0	.14	.2		
Zinc	10	.05	1	0.49	<10

Associated samples MP45565: DA78742-12C, DA78742-13C, DA78742-14C, DA78742-15C, DA78742-16C, DA78742-17C, DA78742-18C, DA78742-19C, DA78742-20C, DA78742-21C, DA78742-22C, DA78742-23C, DA78742-24C, DA78742-25C, DA78742-26C, DA78742-27C, DA78742-28C, DA78742-29C, DA78742-30C, DA78742-31C

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45565
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 01/15/26

Metal	DA78742-12C Original	MS	Spikelot ICPMS6	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	3.0	103	102	98.0	75-125
Barium	75.0	301	204	110.7	75-125
Beryllium					
Boron					
Cadmium	0.064	51.9	51	101.5	75-125
Calcium					
Chromium					
Cobalt					
Copper	6.3	57.3	51	99.9	75-125
Iron					
Lead	5.8	108	102	100.1	75-125
Magnesium					
Manganese					
Molybdenum					
Nickel	5.0	55.4	51	98.7	75-125
Phosphorus					
Potassium					
Selenium	0.48	101	102	98.5	75-125
Silver	0.020	20.5	20.4	100.3	75-125
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc	16.6	69.7	51	104.0	75-125

Associated samples MP45565: DA78742-12C, DA78742-13C, DA78742-14C, DA78742-15C, DA78742-16C, DA78742-17C, DA78742-18C, DA78742-19C, DA78742-20C, DA78742-21C, DA78742-22C, DA78742-23C, DA78742-24C, DA78742-25C, DA78742-26C, DA78742-27C, DA78742-28C, DA78742-29C, DA78742-30C, DA78742-31C

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45565
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 01/15/26

Metal	DA78742-12C Original	MSD	Spikelot ICPMS6	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	3.0	105	103	98.9	1.9	20
Barium	75.0	271	206	95.1	10.5	20
Beryllium						
Boron						
Cadmium	0.064	52.5	51.5	101.7	1.1	20
Calcium						
Chromium						
Cobalt						
Copper	6.3	58.2	51.5	100.7	1.6	20
Iron						
Lead	5.8	109	103	100.1	0.9	20
Magnesium						
Manganese						
Molybdenum						
Nickel	5.0	56.5	51.5	99.9	2.0	20
Phosphorus						
Potassium						
Selenium	0.48	102	103	98.5	1.0	20
Silver	0.020	20.9	20.6	101.3	1.9	20
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc	16.6	70.6	51.5	104.8	1.3	20

Associated samples MP45565: DA78742-12C, DA78742-13C, DA78742-14C, DA78742-15C, DA78742-16C, DA78742-17C, DA78742-18C, DA78742-19C, DA78742-20C, DA78742-21C, DA78742-22C, DA78742-23C, DA78742-24C, DA78742-25C, DA78742-26C, DA78742-27C, DA78742-28C, DA78742-29C, DA78742-30C, DA78742-31C

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45565
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 01/15/26

Metal	BSP Result	Spikelot ICPMS6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	101	100	101.0	80-120
Barium	201	200	100.5	80-120
Beryllium				
Boron				
Cadmium	50.7	50	101.4	80-120
Calcium				
Chromium				
Cobalt				
Copper	51.1	50	102.2	80-120
Iron				
Lead	101	100	101.0	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel	50.5	50	101.0	80-120
Phosphorus				
Potassium				
Selenium	101	100	101.0	80-120
Silver	19.9	20	99.5	80-120
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	51.0	50	102.0	80-120

Associated samples MP45565: DA78742-12C, DA78742-13C, DA78742-14C, DA78742-15C, DA78742-16C, DA78742-17C, DA78742-18C, DA78742-19C, DA78742-20C, DA78742-21C, DA78742-22C, DA78742-23C, DA78742-24C, DA78742-25C, DA78742-26C, DA78742-27C, DA78742-28C, DA78742-29C, DA78742-30C, DA78742-31C

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45565
Matrix Type: SOLID

Methods: SW846 6020B
Units: ug/l

Prep Date: 01/15/26

Metal	DA78742-12C Original	SDL 10:50	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	30.3	30.9	2.0	0-20
Barium	749	756	0.9	0-20
Beryllium				
Boron				
Cadmium	0.641	0.00	100.0(a)	0-20
Calcium				
Chromium				
Cobalt				
Copper	63.2	64.4	2.0	0-20
Iron				
Lead	57.5	57.4	0.2	0-20
Magnesium				
Manganese				
Molybdenum				
Nickel	50.1	54.8	9.4	0-20
Phosphorus				
Potassium				
Selenium	4.81	5.34	10.9	0-20
Silver	0.200	0.00	100.0(a)	0-20
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	166	184	11.0	0-20

Associated samples MP45565: DA78742-12C, DA78742-13C, DA78742-14C, DA78742-15C, DA78742-16C, DA78742-17C, DA78742-18C, DA78742-19C, DA78742-20C, DA78742-21C, DA78742-22C, DA78742-23C, DA78742-24C, DA78742-25C, DA78742-26C, DA78742-27C, DA78742-28C, DA78742-29C, DA78742-30C, DA78742-31C

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45566 Methods: SW846 6020B
Matrix Type: SOLID Units: mg/kg

Prep Date: 01/15/26

Metal	RL	IDL	MDL	MB raw	final
Aluminum	50	.52	5		
Antimony	0.40	.01	.05		
Arsenic	0.20	.05	.05	0.043	<0.20
Barium	2.0	.096	.24	0.12	<2.0
Beryllium	0.20	.077	.04		
Boron	40	18	10		
Cadmium	0.10	.03	.04	0.0055	<0.10
Calcium	400	25	30		
Chromium	2.0	.087	.6		
Cobalt	0.20	.04	.025		
Copper	2.0	.05	.25	0.0035	<2.0
Iron	20	1.6	15		
Lead	0.50	.094	.2	0.020	<0.50
Magnesium	100	10	10		
Manganese	1.0	.079	.2		
Molybdenum	1.0	.037	.27		
Nickel	2.0	.098	.2	0.14	<2.0
Phosphorus	60	7.6	25		
Potassium	200	2	25		
Selenium	0.20	.05	.05	0.0023	<0.20
Silver	0.10	.0081	.03	0.0056	<0.10
Sodium	500	10	30		
Strontium	20	.1	1		
Thallium	0.20	.032	.04		
Tin	10	.22	4		
Titanium	2.0	.05	.3		
Uranium	0.20	.015	.1		
Vanadium	1.0	.14	.2		
Zinc	10	.05	1	0.12	<10

Associated samples MP45566: DA78742-52C, DA78742-53C, DA78742-54C, DA78742-55C, DA78742-56C, DA78742-57C, DA78742-58C, DA78742-59C, DA78742-60C, DA78742-61C, DA78742-62C, DA78742-63C

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45566
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 01/15/26

Metal	DA78742-52C Original	MS	Spikelot ICPMS6	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	3.0	114	117	95.1	75-125
Barium	85.8	326	234	102.9	75-125
Beryllium					
Boron					
Cadmium	0.14	58.6	58.4	100.1	75-125
Calcium					
Chromium					
Cobalt					
Copper	8.8	66.8	58.4	99.4	75-125
Iron					
Lead	7.5	125	117	100.6	75-125
Magnesium					
Manganese					
Molybdenum					
Nickel	6.9	64.6	58.4	98.8	75-125
Phosphorus					
Potassium					
Selenium	0.28	110	117	94.0	75-125
Silver	0.024	23.4	23.4	100.1	75-125
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc	30.0	93.5	58.4	108.8	75-125

Associated samples MP45566: DA78742-52C, DA78742-53C, DA78742-54C, DA78742-55C, DA78742-56C, DA78742-57C, DA78742-58C, DA78742-59C, DA78742-60C, DA78742-61C, DA78742-62C, DA78742-63C

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45566
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 01/15/26

Metal	DA78742-52C Original	MSD	Spikelot ICPMS6	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	3.0	102	101	98.2	11.1	20
Barium	85.8	286	202	99.3	13.1	20
Beryllium						
Boron						
Cadmium	0.14	51.7	50.4	102.3	12.5	20
Calcium						
Chromium						
Cobalt						
Copper	8.8	61.0	50.4	103.6	9.1	20
Iron						
Lead	7.5	109	101	100.7	13.7	20
Magnesium						
Manganese						
Molybdenum						
Nickel	6.9	56.8	50.4	99.0	12.9	20
Phosphorus						
Potassium						
Selenium	0.28	97.1	101	96.1	12.5	20
Silver	0.024	20.7	20.2	102.6	12.2	20
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc	30.0	88.3	50.4	115.7	5.7	20

Associated samples MP45566: DA78742-52C, DA78742-53C, DA78742-54C, DA78742-55C, DA78742-56C, DA78742-57C, DA78742-58C, DA78742-59C, DA78742-60C, DA78742-61C, DA78742-62C, DA78742-63C

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45566
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 01/15/26

Metal	BSP Result	Spikelot ICPMS6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	99.0	100	99.0	80-120
Barium	195	200	97.5	80-120
Beryllium				
Boron				
Cadmium	49.9	50	99.8	80-120
Calcium				
Chromium				
Cobalt				
Copper	50.2	50	100.4	80-120
Iron				
Lead	99.6	100	99.6	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel	50.3	50	100.6	80-120
Phosphorus				
Potassium				
Selenium	99.7	100	99.7	80-120
Silver	20.0	20	100.0	80-120
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	49.6	50	99.2	80-120

Associated samples MP45566: DA78742-52C, DA78742-53C, DA78742-54C, DA78742-55C, DA78742-56C, DA78742-57C, DA78742-58C, DA78742-59C, DA78742-60C, DA78742-61C, DA78742-62C, DA78742-63C

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45566
Matrix Type: SOLID

Methods: SW846 6020B
Units: ug/l

Prep Date: 01/15/26

Metal	DA78742-52C Original	SDL 10:50	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	25.1	26.3	4.8	0-20
Barium	728	730	0.3	0-20
Beryllium				
Boron				
Cadmium	1.21	0.00	100.0(a)	0-20
Calcium				
Chromium				
Cobalt				
Copper	74.6	74.4	0.2	0-20
Iron				
Lead	63.4	62.3	1.7	0-20
Magnesium				
Manganese				
Molybdenum				
Nickel	58.9	67.6	14.7	0-20
Phosphorus				
Potassium				
Selenium	2.34	8.50	263.6(a)	0-20
Silver	0.204	0.00	100.0(a)	0-20
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	254	259	1.9	0-20

Associated samples MP45566: DA78742-52C, DA78742-53C, DA78742-54C, DA78742-55C, DA78742-56C, DA78742-57C, DA78742-58C, DA78742-59C, DA78742-60C, DA78742-61C, DA78742-62C, DA78742-63C

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45571
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26

Metal	RL	IDL	MDL	MB raw	final
Aluminum	1500	71	230		
Antimony	450	50	100		
Arsenic	380	68	69		
Barium	150	3	20		
Beryllium	150	2.3	20		
Boron	750	160	95		
Cadmium	150	5.3	20		
Calcium	6000	100	750	64.5	<6000
Chromium	150	9.4	20		
Cobalt	75	11	9.5		
Copper	150	6.9	20		
Iron	1100	41	180		
Lead	750	64	95		
Lithium	75	7.5	20		
Magnesium	3000	330	380	-41	<3000
Manganese	75	7.3	9.5		
Molybdenum	150	29	42		
Nickel	450	23	57		
Potassium	15000	380	1900		
Selenium	750	200	320		
Silicon	3000	66	2300		
Silver	450	14	57		
Sodium	6000	67	750	-44	<6000
Strontium	75	2.1	9.5		
Thallium	150	140	65		
Tin	900	44	770		
Titanium	150	7	20		
Uranium	750	95	130		
Vanadium	150	3.9	20		
Zinc	450	12	57		

Associated samples MP45571: DA78742-1A, DA78742-2A, DA78742-3A, DA78742-4A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45571
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26

Metal	DA78734-2A Original MS		Spikelot ICPALL6	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic					
Barium					
Beryllium					
Boron					
Cadmium					
Calcium	23100	384000	375000	96.2	75-125
Chromium					
Cobalt					
Copper					
Iron					
Lead					
Lithium					
Magnesium	29800	392000	375000	96.6	75-125
Manganese					
Molybdenum					
Nickel					
Potassium					
Selenium					
Silicon					
Silver					
Sodium	8110	388000	375000	101.3	75-125
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc					

Associated samples MP45571: DA78742-1A, DA78742-2A, DA78742-3A, DA78742-4A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45571 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 01/15/26

Metal	DA78734-2A Original	MSD	Spikelot ICPALL6	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Boron						
Cadmium						
Calcium	23100	381000	375000	95.4	0.8	20
Chromium						
Cobalt						
Copper						
Iron						
Lead						
Lithium						
Magnesium	29800	390000	375000	96.1	0.5	20
Manganese						
Molybdenum						
Nickel						
Potassium						
Selenium						
Silicon						
Silver						
Sodium	8110	385000	375000	100.5	0.8	20
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc						

Associated samples MP45571: DA78742-1A, DA78742-2A, DA78742-3A, DA78742-4A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45571
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	350000	375000	93.3	80-120
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	351000	375000	93.6	80-120
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	370000	375000	98.7	80-120
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP45571: DA78742-1A, DA78742-2A, DA78742-3A, DA78742-4A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45571
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26

Metal	DA78734-2A Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	1540	1530	0.5	0-10
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	1990	1940	2.4	0-10
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	541	484	10.6*(a)	0-10
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP45571: DA78742-1A, DA78742-2A, DA78742-3A, DA78742-4A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Serial dilution indicates possible matrix interference.

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45572
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26

Metal	RL	IDL	MDL	MB raw	final
Aluminum	1500	71	230		
Antimony	450	50	100		
Arsenic	380	68	69		
Barium	150	3	20		
Beryllium	150	2.3	20		
Boron	750	160	95		
Cadmium	150	5.3	20		
Calcium	6000	100	750	-20	<6000
Chromium	150	9.4	20		
Cobalt	75	11	9.5		
Copper	150	6.9	20		
Iron	1100	41	180		
Lead	750	64	95		
Lithium	75	7.5	20		
Magnesium	3000	330	380	-72	<3000
Manganese	75	7.3	9.5		
Molybdenum	150	29	42		
Nickel	450	23	57		
Potassium	15000	380	1900		
Selenium	750	200	320		
Silicon	3000	66	2300		
Silver	450	14	57		
Sodium	6000	67	750	-42	<6000
Strontium	75	2.1	9.5		
Thallium	150	140	65		
Tin	900	44	770		
Titanium	150	7	20		
Uranium	750	95	130		
Vanadium	150	3.9	20		
Zinc	450	12	57		

Associated samples MP45572: DA78742-5A, DA78742-6A, DA78742-7A, DA78742-8A, DA78742-9A, DA78742-10A, DA78742-11A, DA78742-12A, DA78742-13A, DA78742-14A, DA78742-15A, DA78742-16A, DA78742-17A, DA78742-18A, DA78742-19A, DA78742-20A, DA78742-21A, DA78742-22A, DA78742-23A, DA78742-24A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45572
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26

Metal	RL	IDL	MDL	MB raw	final

(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45572 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 01/15/26

Metal	DA78742-5A Original	MS	Spikelot ICPALL6	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic					
Barium					
Beryllium					
Boron					
Cadmium					
Calcium	200000	565000	375000	97.3	75-125
Chromium					
Cobalt					
Copper					
Iron					
Lead					
Lithium					
Magnesium	68500	433000	375000	97.2	75-125
Manganese					
Molybdenum					
Nickel					
Potassium					
Selenium					
Silicon					
Silver					
Sodium	183000	559000	375000	100.3	75-125
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc					

Associated samples MP45572: DA78742-5A, DA78742-6A, DA78742-7A, DA78742-8A, DA78742-9A, DA78742-10A, DA78742-11A, DA78742-12A, DA78742-13A, DA78742-14A, DA78742-15A, DA78742-16A, DA78742-17A, DA78742-18A, DA78742-19A, DA78742-20A, DA78742-21A, DA78742-22A, DA78742-23A, DA78742-24A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45572 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 01/15/26

Metal	DA78742-5A Original MS	Spikelot ICPALL6	% Rec	QC Limits

(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45572 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 01/15/26

Metal	DA78742-5A Original	MSD	Spikelot ICPALL6	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Boron						
Cadmium						
Calcium	200000	569000	375000	98.4	0.7	20
Chromium						
Cobalt						
Copper						
Iron						
Lead						
Lithium						
Magnesium	68500	437000	375000	98.3	0.9	20
Manganese						
Molybdenum						
Nickel						
Potassium						
Selenium						
Silicon						
Silver						
Sodium	183000	563000	375000	101.3	0.7	20
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc						

Associated samples MP45572: DA78742-5A, DA78742-6A, DA78742-7A, DA78742-8A, DA78742-9A, DA78742-10A, DA78742-11A, DA78742-12A, DA78742-13A, DA78742-14A, DA78742-15A, DA78742-16A, DA78742-17A, DA78742-18A, DA78742-19A, DA78742-20A, DA78742-21A, DA78742-22A, DA78742-23A, DA78742-24A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45572 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 01/15/26

Metal	DA78742-5A Original MSD	Spikelot ICPALL6 % Rec	MSD RPD	QC Limit

(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45572
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	356000	375000	94.9	80-120
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	357000	375000	95.2	80-120
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	377000	375000	100.5	80-120
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP45572: DA78742-5A, DA78742-6A, DA78742-7A, DA78742-8A, DA78742-9A, DA78742-10A, DA78742-11A, DA78742-12A, DA78742-13A, DA78742-14A, DA78742-15A, DA78742-16A, DA78742-17A, DA78742-18A, DA78742-19A, DA78742-20A, DA78742-21A, DA78742-22A, DA78742-23A, DA78742-24A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45572
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits

(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45572
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26

Metal	DA78742-5A Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	13400	13200	1.4	0-10
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	4570	4460	2.2	0-10
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	12200	12000	1.4	0-10
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP45572: DA78742-5A, DA78742-6A, DA78742-7A, DA78742-8A, DA78742-9A, DA78742-10A, DA78742-11A, DA78742-12A, DA78742-13A, DA78742-14A, DA78742-15A, DA78742-16A, DA78742-17A, DA78742-18A, DA78742-19A, DA78742-20A, DA78742-21A, DA78742-22A, DA78742-23A, DA78742-24A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45572
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26

	DA78742-5A		QC
Metal	Original SDL 1:5	%DIF	Limits

(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45576
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26

Metal	RL	IDL	MDL	MB raw	final
Aluminum	1500	71	230		
Antimony	450	50	100		
Arsenic	380	68	69		
Barium	150	3	20		
Beryllium	150	2.3	20		
Boron	750	160	95		
Cadmium	150	5.3	20		
Calcium	6000	100	750	138	<6000
Chromium	150	9.4	20		
Cobalt	75	11	9.5		
Copper	150	6.9	20		
Iron	1100	41	180		
Lead	750	64	95		
Lithium	75	7.5	20		
Magnesium	3000	330	380	-24	<3000
Manganese	75	7.3	9.5		
Molybdenum	150	29	42		
Nickel	450	23	57		
Potassium	15000	380	1900		
Selenium	750	200	320		
Silicon	3000	66	2300		
Silver	450	14	57		
Sodium	6000	67	750	-4.5	<6000
Strontium	75	2.1	9.5		
Thallium	150	140	65		
Tin	900	44	770		
Titanium	150	7	20		
Uranium	750	95	130		
Vanadium	150	3.9	20		
Zinc	450	12	57		

Associated samples MP45576: DA78742-45A, DA78742-46A, DA78742-47A, DA78742-48A, DA78742-49A, DA78742-50A, DA78742-51A, DA78742-52A, DA78742-53A, DA78742-54A, DA78742-55A, DA78742-56A, DA78742-57A, DA78742-58A, DA78742-59A, DA78742-60A, DA78742-61A, DA78742-62A, DA78742-63A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45576
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26

Metal	RL	IDL	MDL	MB raw	final

(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45576
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26

Metal	DA78742-45A Original	MS	Spikelot ICPALL6	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic					
Barium					
Beryllium					
Boron					
Cadmium					
Calcium	111000	506000	375000	105.3	75-125
Chromium					
Cobalt					
Copper					
Iron					
Lead					
Lithium					
Magnesium	33900	428000	375000	105.1	75-125
Manganese					
Molybdenum					
Nickel					
Potassium					
Selenium					
Silicon					
Silver					
Sodium	142000	547000	375000	108.0	75-125
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc					

Associated samples MP45576: DA78742-45A, DA78742-46A, DA78742-47A, DA78742-48A, DA78742-49A, DA78742-50A, DA78742-51A, DA78742-52A, DA78742-53A, DA78742-54A, DA78742-55A, DA78742-56A, DA78742-57A, DA78742-58A, DA78742-59A, DA78742-60A, DA78742-61A, DA78742-62A, DA78742-63A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45576 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 01/15/26

	DA78742-45A	Spikelot		QC
Metal	Original MS	ICPALL6	% Rec	Limits

(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45576 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 01/15/26

Metal	DA78742-45A Original	MSD	Spikelot ICPALL6	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Boron						
Cadmium						
Calcium	111000	477000	375000	97.6	5.9	20
Chromium						
Cobalt						
Copper						
Iron						
Lead						
Lithium						
Magnesium	33900	403000	375000	98.4	6.0	20
Manganese						
Molybdenum						
Nickel						
Potassium						
Selenium						
Silicon						
Silver						
Sodium	142000	518000	375000	100.3	5.4	20
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc						

Associated samples MP45576: DA78742-45A, DA78742-46A, DA78742-47A, DA78742-48A, DA78742-49A, DA78742-50A, DA78742-51A, DA78742-52A, DA78742-53A, DA78742-54A, DA78742-55A, DA78742-56A, DA78742-57A, DA78742-58A, DA78742-59A, DA78742-60A, DA78742-61A, DA78742-62A, DA78742-63A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45576 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 01/15/26

Metal	DA78742-45A Original MSD	Spikelot ICPALL6 % Rec	MSD RPD	QC Limit

(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45576
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	366000	375000	97.6	80-120
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	369000	375000	98.4	80-120
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	386000	375000	102.9	80-120
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP45576: DA78742-45A, DA78742-46A, DA78742-47A, DA78742-48A, DA78742-49A, DA78742-50A, DA78742-51A, DA78742-52A, DA78742-53A, DA78742-54A, DA78742-55A, DA78742-56A, DA78742-57A, DA78742-58A, DA78742-59A, DA78742-60A, DA78742-61A, DA78742-62A, DA78742-63A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45576
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits

(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45576
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26

Metal	DA78742-45A Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	7410	7340	1.0	0-10
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	2260	2210	2.2	0-10
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	9490	9250	2.5	0-10
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP45576: DA78742-45A, DA78742-46A, DA78742-47A, DA78742-48A, DA78742-49A, DA78742-50A, DA78742-51A, DA78742-52A, DA78742-53A, DA78742-54A, DA78742-55A, DA78742-56A, DA78742-57A, DA78742-58A, DA78742-59A, DA78742-60A, DA78742-61A, DA78742-62A, DA78742-63A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45576
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26

	DA78742-45A		QC
Metal	Original SDL 1:5	%DIF	Limits

(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45578
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26

Metal	RL	IDL	MDL	MB raw	final
Aluminum	1500	71	230		
Antimony	450	50	100		
Arsenic	380	68	69		
Barium	150	3	20		
Beryllium	150	2.3	20		
Boron	750	160	95		
Cadmium	150	5.3	20		
Calcium	6000	100	750	22.5	<6000
Chromium	150	9.4	20		
Cobalt	75	11	9.5		
Copper	150	6.9	20		
Iron	1100	41	180		
Lead	750	64	95		
Lithium	75	7.5	20		
Magnesium	3000	330	380	134	<3000
Manganese	75	7.3	9.5		
Molybdenum	150	29	42		
Nickel	450	23	57		
Potassium	15000	380	1900		
Selenium	750	200	320		
Silicon	3000	66	2300		
Silver	450	14	57		
Sodium	6000	67	750	70.5	<6000
Strontium	75	2.1	9.5		
Thallium	150	140	65		
Tin	900	44	770		
Titanium	150	7	20		
Uranium	750	95	130		
Vanadium	150	3.9	20		
Zinc	450	12	57		

Associated samples MP45578: DA78742-25A, DA78742-26A, DA78742-27A, DA78742-28A, DA78742-29A, DA78742-30A, DA78742-31A, DA78742-32A, DA78742-33A, DA78742-34A, DA78742-35A, DA78742-36A, DA78742-37A, DA78742-38A, DA78742-39A, DA78742-40A, DA78742-41A, DA78742-42A, DA78742-43A, DA78742-44A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45578
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26

Metal	RL	IDL	MDL	MB raw	final

(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45578
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26

Metal	DA78742-25A Original	MS	Spikelot ICPALL6	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic					
Barium					
Beryllium					
Boron					
Cadmium					
Calcium	220000	548000	375000	87.5	75-125
Chromium					
Cobalt					
Copper					
Iron					
Lead					
Lithium					
Magnesium	193000	526000	375000	88.8	75-125
Manganese					
Molybdenum					
Nickel					
Potassium					
Selenium					
Silicon					
Silver					
Sodium	805000	1170000	375000	97.3	75-125
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc					

Associated samples MP45578: DA78742-25A, DA78742-26A, DA78742-27A, DA78742-28A, DA78742-29A, DA78742-30A, DA78742-31A, DA78742-32A, DA78742-33A, DA78742-34A, DA78742-35A, DA78742-36A, DA78742-37A, DA78742-38A, DA78742-39A, DA78742-40A, DA78742-41A, DA78742-42A, DA78742-43A, DA78742-44A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45578
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26

Metal	DA78742-25A Original MS	Spikelot ICPALL6	% Rec	QC Limits

(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45578 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 01/15/26

Metal	DA78742-25A Original	MSD	Spikelot ICPALL6	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Boron						
Cadmium						
Calcium	220000	553000	375000	88.8	0.9	20
Chromium						
Cobalt						
Copper						
Iron						
Lead						
Lithium						
Magnesium	193000	528000	375000	89.3	0.4	20
Manganese						
Molybdenum						
Nickel						
Potassium						
Selenium						
Silicon						
Silver						
Sodium	805000	1180000	375000	100.0	0.9	20
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc						

Associated samples MP45578: DA78742-25A, DA78742-26A, DA78742-27A, DA78742-28A, DA78742-29A, DA78742-30A, DA78742-31A, DA78742-32A, DA78742-33A, DA78742-34A, DA78742-35A, DA78742-36A, DA78742-37A, DA78742-38A, DA78742-39A, DA78742-40A, DA78742-41A, DA78742-42A, DA78742-43A, DA78742-44A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45578 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 01/15/26

Metal	DA78742-25A Original MSD	Spikelot ICPALL6 % Rec	MSD RPD	QC Limit

(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45578
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	355000	375000	94.7	80-120
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	360000	375000	96.0	80-120
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	374000	375000	99.7	80-120
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP45578: DA78742-25A, DA78742-26A, DA78742-27A, DA78742-28A, DA78742-29A, DA78742-30A, DA78742-31A, DA78742-32A, DA78742-33A, DA78742-34A, DA78742-35A, DA78742-36A, DA78742-37A, DA78742-38A, DA78742-39A, DA78742-40A, DA78742-41A, DA78742-42A, DA78742-43A, DA78742-44A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45578
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits

(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45578
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 01/15/26

Metal	DA78742-25A Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	14700	16400	11.8*(a)	0-10
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	12900	14500	12.5*(a)	0-10
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	53600	60500	12.9*(a)	0-10
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP45578: DA78742-25A, DA78742-26A, DA78742-27A, DA78742-28A, DA78742-29A, DA78742-30A, DA78742-31A, DA78742-32A, DA78742-33A, DA78742-34A, DA78742-35A, DA78742-36A, DA78742-37A, DA78742-38A, DA78742-39A, DA78742-40A, DA78742-41A, DA78742-42A, DA78742-43A, DA78742-44A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

QC Batch ID: MP45578 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 01/15/26

	DA78742-25A		QC
Metal	Original SDL 1:5	%DIF	Limits

(anr) Analyte not requested
(a) Serial dilution indicates possible matrix interference.

General Chemistry

QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Specific Conductivity	GP40480/GN72025			mmhos/cm	1.409	1.5	104.7	90-110%
Specific Conductivity	GP40481/GN72027			mmhos/cm	1.409	1.4	98.3	90-110%
Specific Conductivity	GP40482/GN72028			mmhos/cm	1.409	1.5	104.0	90-110%
Specific Conductivity	GP40483/GN72029			mmhos/cm	1.409	1.3	92.0	90-110%

Associated Samples:
Batch GP40480: DA78742-1C, DA78742-2C, DA78742-3C, DA78742-4C
Batch GP40481: DA78742-5C, DA78742-6C, DA78742-7C, DA78742-8C, DA78742-9C, DA78742-10C, DA78742-11C, DA78742-12C, DA78742-13C, DA78742-14C, DA78742-15C, DA78742-16C, DA78742-17C, DA78742-18C, DA78742-19C, DA78742-20C, DA78742-21C, DA78742-22C, DA78742-23C, DA78742-24C
Batch GP40482: DA78742-25C, DA78742-26C, DA78742-27C, DA78742-28C, DA78742-29C, DA78742-30C, DA78742-31C, DA78742-32C, DA78742-33C, DA78742-34C, DA78742-35C, DA78742-36C, DA78742-37C, DA78742-38C, DA78742-39C, DA78742-40C, DA78742-41C, DA78742-42C, DA78742-43C, DA78742-44C
Batch GP40483: DA78742-45C, DA78742-46C, DA78742-47C, DA78742-48C, DA78742-49C, DA78742-50C, DA78742-51C, DA78742-52C, DA78742-53C, DA78742-54C, DA78742-55C, DA78742-56C, DA78742-57C, DA78742-58C, DA78742-59C, DA78742-60C, DA78742-61C, DA78742-62C, DA78742-63C
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA78742
Account: CIVITCOW - Civitas
Project: Gordon 13-19

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Specific Conductivity	GP40480/GN72025	DA78742-4C	mmhos/cm	2.4	2.4	1.2	0-20%
Specific Conductivity	GP40481/GN72027	DA78742-24C	mmhos/cm	3.3	3.4	2.3	0-20%
Specific Conductivity	GP40482/GN72028	DA78742-44C	mmhos/cm	0.78	0.74	4.9	0-20%
Specific Conductivity	GP40483/GN72029	DA78743-1C	mmhos/cm	3.3	3.3	0.6	0-20%
pH	GN72031	DA78742-25C	su	8.53	8.56	0.3	0-5%
pH	GN72032	DA78734-2	su	8.28	8.28	0.0	0-5%
pH	GN72033	DA78742-5C	su	7.72	7.75	0.4	0-5%
pH	GN72034	DA78742-45C	su	7.90	7.92	0.2	0-5%

Associated Samples:
Batch GN72031: DA78742-25C, DA78742-26C, DA78742-27C, DA78742-28C, DA78742-29C, DA78742-30C, DA78742-31C, DA78742-32C, DA78742-33C, DA78742-34C, DA78742-35C, DA78742-36C, DA78742-37C, DA78742-38C, DA78742-39C, DA78742-40C, DA78742-41C, DA78742-42C, DA78742-43C, DA78742-44C
Batch GN72032: DA78742-1C, DA78742-2C, DA78742-3C, DA78742-4C
Batch GN72033: DA78742-5C, DA78742-6C, DA78742-7C, DA78742-8C, DA78742-9C, DA78742-10C, DA78742-11C, DA78742-12C, DA78742-13C, DA78742-14C, DA78742-15C, DA78742-16C, DA78742-17C, DA78742-18C, DA78742-19C, DA78742-20C, DA78742-21C, DA78742-22C, DA78742-23C, DA78742-24C
Batch GN72034: DA78742-45C, DA78742-46C, DA78742-47C, DA78742-48C, DA78742-49C, DA78742-50C, DA78742-51C, DA78742-52C, DA78742-53C, DA78742-54C, DA78742-55C, DA78742-56C, DA78742-57C, DA78742-58C, DA78742-59C, DA78742-60C, DA78742-61C, DA78742-62C, DA78742-63C
Batch GP40480: DA78742-1C, DA78742-2C, DA78742-3C, DA78742-4C
Batch GP40481: DA78742-5C, DA78742-6C, DA78742-7C, DA78742-8C, DA78742-9C, DA78742-10C, DA78742-11C, DA78742-12C, DA78742-13C, DA78742-14C, DA78742-15C, DA78742-16C, DA78742-17C, DA78742-18C, DA78742-19C, DA78742-20C, DA78742-21C, DA78742-22C, DA78742-23C, DA78742-24C
Batch GP40482: DA78742-25C, DA78742-26C, DA78742-27C, DA78742-28C, DA78742-29C, DA78742-30C, DA78742-31C, DA78742-32C, DA78742-33C, DA78742-34C, DA78742-35C, DA78742-36C, DA78742-37C, DA78742-38C, DA78742-39C, DA78742-40C, DA78742-41C, DA78742-42C, DA78742-43C, DA78742-44C
Batch GP40483: DA78742-45C, DA78742-46C, DA78742-47C, DA78742-48C, DA78742-49C, DA78742-50C, DA78742-51C, DA78742-52C, DA78742-53C, DA78742-54C, DA78742-55C, DA78742-56C, DA78742-57C, DA78742-58C, DA78742-59C, DA78742-60C, DA78742-61C, DA78742-62C, DA78742-63C
(*) Outside of QC limits

Misc. Forms

Custody Documents and Other Forms

(SGS Orlando, FL)

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

SGS North America Inc. - Wheat Ridge
4036 Youngfield Street, Wheat Ridge, CO 80033
TEL: 303-425-6021 FAX: 303-425-6854
www.sgs.com/ehsusa

FED-EX Tracking #: | Bottle Order Control #:
SGS Quote #: | SGS Job #: DA78742

Client / Reporting Information

Company Name: SGS North America Inc.
Street Address: 4036 Youngfield Street
City / State / Zip: Wheat Ridge, CO 8003:
Project Contact / E-mail: joseph.rhoades@sgs.com
Phone # / Fax #: 303-425-6021
Sampler(s) Name(s) / Phone: EG

Project Information

Project Name: ENSOCOWR: Gordon 13-19 wellhead
Street:
City / State:
Project #:
Client Purchase Order #:
Project Manager:

Billing Information (if different from Report to)

Company Name:
Street Address:
City / State / Zip:
Attention:

Requested Analysis (see TEST CODE sheet)

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank
EB-Equipment Blank
RB- Rinse Blank
TB-Trip Blank

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCL	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	XCRA7199	LAB USE ONLY
1C	E11@8'		1/14/26	1:40:00 PM	EG	SO										X	
2C	E12@12'		1/14/26	9:00:00 AM	EG	SO										X	
3C	E13@12'		1/14/26	9:02:00 AM	EG	SO										X	
4C	E14@12'		1/14/26	9:04:00 AM	EG	SO										X	
5C	N18@12'		1/14/26	9:08:00 AM	EG	SO										X	
6C	N19@12'		1/14/26	9:10:00 AM	EG	SO										X	
7C	N20@12'		1/14/26	9:12:00 AM	EG	SO										X	
8C	N21@12'		1/14/26	9:14:00 AM	EG	SO										X	
9C	N22@12'		1/14/26	9:18:00 AM	EG	SO										X	
10C	N23@12'		1/14/26	9:22:00 AM	EG	SO										X	
11C	N24@12'		1/14/26	9:24:00 AM	EG	SO										X	
12C	N25@12'		1/14/26	9:26:00 AM	EG	SO										X	

Turnaround Time (Business days)

Approved By (SGS PM): / Date:

- [ ] Standard 10 Day (business)
- [ ] 5 Business Days RUSH
- [ ] 3 Business Days RUSH
- [ ] 2 Business Days RUSH
- [ ] 1 Business Day EMERGENCY
- [X] other Due 1/28/2026

Emergency & Rush T/A data available via Lablink Approval needed for RUSH/Emergency TAT

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] REDT1 (Level 3)
- [ ] FULT1 (Level 4)
- [ ] Commercial "C"
- [ ] State Forms
- [ ] EDD Format
- [ ] Other
- [X] CC

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

Comments / Special Instructions

INITIAL ASSESSMENT 2.0
LABEL VERIFICATION IRH

http://www.sgs.com/en/terms-and-conditions

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	1-15-26	1 1/16/26 1230	2		2
Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
3		3	4		4
Relinquished by:	Date Time:	Received By:	Custody Seal #	Preserved where applicable	On Ice / Cooler Temp.
5		5	[ ] Intact [ ] Not Intact	[ ] Therm. ID	[ ]

10.1 10

DA78742: Chain of Custody
Page 1 of 7
SGS Orlando, FL

SGS

CHAIN OF CUSTODY

SGS North America Inc. - Wheat Ridge
4036 Youngfield Street, Wheat Ridge, CO 80033
TEL: 303-425-6021 FAX: 303-425-6854
www.sgs.com/ehsusa

FED-EX Tracking #: | Bottle Order Control #:
SGS Quote #: | SGS Job #: DA78742

Client / Reporting Information	Project Information	Requested Analysis (see TEST CODE sheet)	Matrix Codes
Company Name: SGS North America Inc.	Project Name: ENSOCOWR: Gordon 13-19 wellhead		DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL- Sludge SED-Sediment OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB-Field Blank EB-Equipment Blank RB- Rinse Blank TB-Trip Blank
Street Address: 4036 Youngfield Street	Street:	Billing Information (If different from Report to)	
City / State / Zip: Wheat Ridge, CO 8003:	City / State:	Company Name:	
Project Contact / E-mail: joseph.rhoades@sgs.com	Project #:	Street Address:	
Phone # / Fax #: 303-425-6021	Client Purchase Order #:	City / State / Zip:	
Sampler(s) Name(s) / Phone: EG	Project Manager:	Attention:	

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	XCRA7199	LAB USE ONLY
13C	N26@12'		1/14/26	9:28:00 AM	EG	SO										X	
14C	N27@12'		1/14/26	9:30:00 AM	EG	SO										X	
15C	N28@12'		1/14/26	9:32:00 AM	EG	SO										X	
16C	N29@12'		1/14/26	9:36:00 AM	EG	SO										X	
17C	N30@12'		1/14/26	9:40:00 AM	EG	SO										X	
18C	W16@12'		1/14/26	9:42:00 AM	EG	SO										X	
19C	W17@12'		1/14/26	9:44:00 AM	EG	SO										X	
20C	W18@12'		1/14/26	9:46:00 AM	EG	SO										X	
21C	W19@12'		1/14/26	9:48:00 AM	EG	SO										X	
22C	W20@12'		1/14/26	9:50:00 AM	EG	SO										X	
23C	S13@12'		1/14/26	9:55:00 AM	EG	SO										X	
24C	S14@12'		1/14/26	9:57:00 AM	EG	SO										X	

Turnaround Time (Business days)

Approved By (SGS PM): / Date:

- [ ] Standard 10 Day (business)
- [ ] 5 Business Days RUSH
- [ ] 3 Business Days RUSH
- [ ] 2 Business Days RUSH
- [ ] 1 Business Day EMERGENCY
- [X] other Due 1/28/2026

Emergency & Rush T/A data available via Lablink Approval needed for RUSH/Emergency TAT

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] REDT1 (Level 3)
- [ ] FULT1 (Level 4)
- [ ] Commercial "C"
- [ ] State Forms
- [ ] EDD Format
- [ ] Other
- [X] QC

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

Comments / Special Instructions

http://www.sgs.com/en/terms-and-conditions

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler: 1	Date Time: 1-15-26	Received By: 1	Date Time: 1/16/26 1200
Relinquished By: 2	Date Time:	Received By: 2	
Relinquished by Sampler: 3	Date Time:	Received By: 3	
Relinquished By: 4	Date Time:	Received By: 4	
Relinquished by: 5	Date Time:	Received By: 5	

Custody Seal # | [ ] Intact [ ] Not Intact | Preserved where applicable [ ] Therm. ID | On Ice [ ] | Cooler Temp.

10.1 10

CHAIN OF CUSTODY

SGS North America Inc. - Wheat Ridge
4036 Youngfield Street, Wheat Ridge, CO 80033
TEL: 303-425-6021 FAX: 303-425-6854
www.sgs.com/ehsusa

FED-EX Tracking #: | Bottle Order Control #:
SGS Quote #: | SGS Job #: DA78742

Client / Reporting Information

Company Name: SGS North America Inc.
Street Address: 4036 Youngfield Street
City / State / Zip: Wheat Ridge, CO 8003:
Project Contact / E-mail: joseph.rhoades@sgs.com
Phone # / Fax #: 303-425-6021
Sampler(s) Name(s) / Phone: EG

Project Information

Project Name: ENSOCOWR: Gordon 13-19 wellhead
Street:
City / State:
Project #:
Client Purchase Order #:
Project Manager:

Billing Information (if different from Report to)

Company Name:
Street Address:
City / State / Zip:
Attention:

Requested Analysis (see TEST CODE sheet)

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL- Sludge; SED-Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB-Field Blank; EB-Equipment Blank; RB- Rinse Blank; TB-Trip Blank

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	XCRA7199	LAB USE ONLY
25C	S15@12'		1/14/26	10:00:00 AM	EG	SO										X	
26C	S16@12'		1/14/26	10:05:00 AM	EG	SO										X	
27C	S17@12'		1/14/26	10:10:00 AM	EG	SO										X	
28C	S18@12'		1/14/26	10:15:00 AM	EG	SO										X	
29C	S19@12'		1/14/26	10:20:00 AM	EG	SO										X	
30C	S20@12'		1/14/26	10:25:00 AM	EG	SO										X	
31C	S21@25'		1/14/26	10:30:00 AM	EG	SO										X	
32C	S22@12'		1/14/26	10:35:00 AM	EG	SO										X	
33C	S23@12'		1/14/26	10:40:00 AM	EG	SO										X	
34C	S24@12'		1/14/26	10:45:00 AM	EG	SO										X	
35C	S25@12'		1/14/26	10:50:00 AM	EG	SO										X	
36C	B23@25'		1/14/26	11:00:00 AM	EG	SO										X	

Turnaround Time (Business days)

Approved By (SGS PM): / Date:

- [ ] Standard 10 Day (business)
- [ ] 5 Business Days RUSH
- [ ] 3 Business Days RUSH
- [ ] 2 Business Days RUSH
- [ ] 1 Business Day EMERGENCY
- [X] other Due 1/28/2026

Emergency & Rush T/A data available via Lablink. Approval needed for RUSH/Emergency TAT

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] REDT1 (Level 3)
- [ ] FULT1 (Level 4)
- [ ] Commercial "C"
- [ ] State Forms
- [ ] EDD Format
- [ ] Other
- [X] CC

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

Comments / Special Instructions

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Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	1-15-26	1 1/16/26	2		2
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #	[ ] Intact [ ] Not intact	Preserved where applicable [ ] Therm. ID: [ ] On Ice Cooler Temp.

10.1 10

SGS

CHAIN OF CUSTODY

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4036 Youngfield Street, Wheat Ridge, CO 80033
TEL: 303-425-6021 FAX: 303-425-6854
www.sgs.com/ehsusa

FED-EX Tracking #: | Bottle Order Control #:
SGS Quote #: | SGS Job #: DA78742

Client / Reporting Information

Company Name: SGS North America Inc.
Street Address: 4036 Youngfield Street
City State Zip: Wheat Ridge, CO 8003:
Project Contact: joseph.rhoades@sgs.com E-mail:
Phone #: 303-425-6021 Fax #:
Sampler(s) Name(s): EG Phone:

Project Information

Project Name: ENSOCOWR: Gordon 13-19 wellhead
Street:
City State:
Project #:
Client Purchase Order #:
Project Manager:

Billing Information (if different from Report to)

Company Name:
Street Address:
City State Zip:
Attention:

Requested Analysis (see TEST CODE sheet)

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL- Sludge; SED-Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB-Field Blank; EB-Equipment Blank; RB- Rinse Blank; TB-Trip Blank

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	XCRA7199	LAB USE ONLY
37C	B24@25'		1/14/26	11:05:00 AM	EG	SO										X	
38C	B25@25'		1/14/26	11:10:00 AM	EG	SO										X	
39C	B26@25'		1/14/26	11:15:00 AM	EG	SO										X	
40C	B27@25'		1/14/26	11:25:00 AM	EG	SO										X	
41C	B28@25'		1/14/26	11:30:00 AM	EG	SO										X	
42C	B29@25'		1/14/26	11:40:00 AM	EG	SO										X	
43C	B30@25'		1/14/26	11:50:00 AM	EG	SO										X	
44C	B31@35'		1/14/26	11:53:00 AM	EG	SO										X	
45C	B32@25'		1/14/26	11:55:00 AM	EG	SO										X	
46C	B33@25'		1/14/26	11:57:00 AM	EG	SO										X	
47C	B34@25'		1/14/26	12:00:00 PM	EG	SO										X	
48C	B35@25'		1/14/26	12:03:00 PM	EG	SO										X	

Turnaround Time (Business days)

Approved By (SGS PM): / Date:

- [ ] Standard 10 Day (business)
- [ ] 5 Business Days RUSH
- [ ] 3 Business Days RUSH
- [ ] 2 Business Days RUSH
- [ ] 1 Business Day EMERGENCY
- [X] other Due 1/28/2026

Emergency & Rush T/A data available via Lablink Approval needed for RUSH/Emergency TAT

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
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- [ ] Commercial "C"
- [ ] State Forms
- [ ] EDD Format
- [ ] Other
- [X] CC

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

Comments / Special Instructions

http://www.sgs.com/en/terms-and-conditions

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler: 1	Date Time: 1-15-26	Received By: 1	Relinquished By: 2	Date Time: 1/16/26 1200	Received By: 2
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #	[ ] Intact [ ] Not intact	Preserved where applicable [ ] Therm. ID	On Ice [ ]	Cooler Temp.

10.1 10

SGS

CHAIN OF CUSTODY

SGS North America Inc. - Wheat Ridge
4036 Youngfield Street, Wheat Ridge, CO 80033
TEL: 303-425-6021 FAX: 303-425-6854
www.sgs.com/ehsusa

FED-EX Tracking #: | Bottle Order Control #:
SGS Quote #: | SGS Job #: DA78742

Client / Reporting Information	Project Information	Billing Information (if different from Report to)
Company Name: SGS North America Inc.	Project Name: ENSOCOWR: Gordon 13-19 wellhead	Company Name:
Street Address: 4036 Youngfield Street	Street:	Street Address:
City: Wheat Ridge, State: CO, Zip: 8003:	City: State:	City: State: Zip:
Project Contact: joseph.rhoades@sgs.com E-mail:	Project #:	
Phone #: 303-425-6021 Fax #:	Client Purchase Order #:	
Sampler(s) Name(s): EG Phone:	Project Manager:	Attention:

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SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	XCRA7199	LAB USE ONLY
49C	B36@25'		1/14/26	12:07:00 PM	EG	SO										X	
50C	B37@25'		1/14/26	12:10:00 PM	EG	SO										X	
51C	B38@25'		1/14/26	12:12:00 PM	EG	SO										X	
52C	B39@25'		1/14/26	12:15:00 PM	EG	SO										X	
53C	B40@25'		1/14/26	12:17:00 PM	EG	SO										X	
54C	B41@25'		1/14/26	12:20:00 PM	EG	SO										X	
55C	B42@25'		1/14/26	12:23:00 PM	EG	SO										X	
56C	B43@25'		1/14/26	12:25:00 PM	EG	SO										X	
57C	B44@25'		1/14/26	12:27:00 PM	EG	SO										X	
58C	B45@25'		1/14/26	12:30:00 PM	EG	SO										X	
59C	B46@25'		1/14/26	12:35:00 PM	EG	SO										X	
60C	B47@12'		1/14/26	1:20:00 PM	EG	SO										X	

Turnaround Time (Business days)

Approved By (SGS PM): / Date:

- [ ] Standard 10 Day (business)
- [ ] 5 Business Days RUSH
- [ ] 3 Business Days RUSH
- [ ] 2 Business Days RUSH
- [ ] 1 Business Day EMERGENCY
- [X] other Due 1/28/2026

Emergency & Rush T/A data available via Lablink Approval needed for RUSH/Emergency TAT

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
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- [ ] Commercial "C"
- [ ] State Forms
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Comments / Special Instructions

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Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	1-15-26	1 1/16/26 1200	2		2
3		3	4		4
5		5	Custody Seal #	Intact / Not intact	Preserved where applicable / Therm. ID: / On Ice / Cooler Temp.

10.1 10

DA78742: Chain of Custody
Page 5 of 7

CHAIN OF CUSTODY

SGS North America Inc. - Wheat Ridge
4036 Youngfield Street, Wheat Ridge, CO 80033
TEL: 303-425-6021 FAX: 303-425-6854
www.sgs.com/ehsusa

FED-EX Tracking #: | Bottle Order Control #:
SGS Quote #: | SGS Job #: DA78742

Client / Reporting Information

Company Name: SGS North America Inc.
Street Address: 4036 Youngfield Street
City: Wheat Ridge, State: CO, Zip: 8003:
Project Contact: joseph.rhoades@sgs.com, E-mail:
Phone #: 303-425-6021, Fax #:
Sampler(s) Name(s): EG, Phone:

Project Information

Project Name: ENSOCOWR: Gordon 13-19 wellhead
Street:
City: State:
Project #:
Client Purchase Order #:
Project Manager:

Billing Information (if different from Report to)

Company Name:
Street Address:
City: State: Zip:
Attention:

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DW - Drinking Water
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AIR - Air
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WP - Wipe
FB-Field Blank
EB-Equipment Blank
RB- Rinse Blank
TB-Trip Blank

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	XCRA7199	LAB USE ONLY
61C	B48@12'		1/14/26	1:25:00 PM	EG	SO										X	
62C	S26@8'		1/14/26	1:35:00 PM	EG	SO										X	
63C	N31@8'		1/14/26	1:30:00 PM	EG	SO										X	

Turnaround Time (Business days)

Approved By (SGS PM): / Date:

- [ ] Standard 10 Day (business)
- [ ] 5 Business Days RUSH
- [ ] 3 Business Days RUSH
- [ ] 2 Business Days RUSH
- [ ] 1 Business Day EMERGENCY
- [X] other Due 1/28/2026

Emergency & Rush T/A data available via Lablink. Approval needed for RUSH/Emergency TAT

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] REDT1 (Level 3)
- [ ] FULT1 (Level 4)
- [ ] Commercial "C"
- [ ] State Forms
- [ ] EDD Format
- [ ] Other
- [X] QC

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Commercial "B" = Results + QC Summary
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Comments / Special Instructions

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Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	1-15-26	1 1/16/26 1200	2		2
Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
3		3	4		4
Relinquished by:	Date Time:	Received By:	Custody Seal #	Preserved where applicable	On Ice / Cooler Temp.
5		5	[ ] Intact [ ] Not intact	[ ] Therm ID:	[ ]

10.1 10

SGS - Orlando Sample Receipt Summary

Job Number: da78742 **Client:** SGS **Project:** ENSOCOWR: GORDON 13-19 WELLHEA

Date / Time Received: 1/16/2026 12:00:00 PM **Delivery Method:** FEDEX **Airbill #'s:** 490362802982

Cooler Temps (Raw Measured) °C: Cooler 1: (2.0);

Cooler Temps (Corrected) °C: Cooler 1: (2.2);

Cooler Informatio	Y	or	N
1. Custody Seals Present:	☑		☐
2. Custody Seals Intact:	☑		☐
3. Temp criteria achieved:	☑		☐
4. Cooler temp verification:	IR Gun		
5. Cooler media:	Ice (Bag)		

Trip Blank Information	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑

	W	or	S	N/A
3. Type of TB Received	☐		☐	☑

Sample Information	Y	or	N	N/A
1. Sample labels present on bottles:	☑		☐	
2. Samples presented properly	☑		☐	
3. Sufficient volume/containers recv'd for analysi	☑		☐	
4. Condition of sample:	Intact			
5. Sample recv'd within HT	☑		☐	
6. Dates/Times/IDs on COC match sample labe	☑		☐	
7. VOCs have headspace	☐		☐	☑
8. Bottles received for unspecified tests	☐		☑	
9. Compositing instructions clear	☐		☐	☑
10. Voa Soil Kits/Jars received past 48hrs?	☐		☐	☑
11. % Solids Jar Received?	☐		☐	☑
12. Residual Chlorine Present?	☐		☐	☑

Misc Information

Number of Encores: 25 Gram 5 Gram

Test Strip Lot #s: pH 0-3: 216524

Residual Chlorine Test Strip Lot

Number of Lab Filtered Metals

pH 10-12:

Other: (Specify) 0-14 210224

Comments

Sample Receipt Summary 112723 EK Technician: HALEIGHR Date: 1/16/2026 1:51:31 PM Reviewer: Date:

10.1 10

DA78742: Chain of Custody
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General Chemistry

QC Data Summaries

(SGS Orlando, FL)

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA78742
Account: ALMS - SGS Wheat Ridge, CO
Project: Gordon 13-19 Wellhead

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Chromium, Hexavalent	GP42494/GN2686	0.41	0.0	mg/kg	759	704	92.8	80-120%
Chromium, Hexavalent	GP42494/GN2686			mg/kg	10.3	9.88	95.6	80-120%
Chromium, Hexavalent	GP42495/GN2701	0.42	0.0	mg/kg	10.08	10.3	102.0	80-120%
Chromium, Hexavalent	GP42495/GN2701			mg/kg	772	633	82.0	80-120%
Chromium, Hexavalent	GP42496/GN2701	0.39	0.0	mg/kg	9.62	9.85	102.4	80-120%
Chromium, Hexavalent	GP42496/GN2701			mg/kg	779	732	94.0	80-120%
Chromium, Hexavalent	GP42497/GN2685	0.41	0.0	mg/kg	10.2	10.7	105.2	80-120%
Chromium, Hexavalent	GP42497/GN2685			mg/kg	711	673	88.9	80-120%

Associated Samples:
Batch GP42494: DA78742-1C, DA78742-2C, DA78742-3C, DA78742-4C
Batch GP42495: DA78742-5C, DA78742-6C, DA78742-7C, DA78742-8C, DA78742-9C, DA78742-10C, DA78742-11C, DA78742-12C, DA78742-13C, DA78742-14C, DA78742-15C, DA78742-16C, DA78742-17C, DA78742-18C, DA78742-19C, DA78742-20C, DA78742-21C, DA78742-22C, DA78742-23C, DA78742-24C
Batch GP42496: DA78742-25C, DA78742-26C, DA78742-27C, DA78742-28C, DA78742-29C, DA78742-30C, DA78742-31C, DA78742-32C, DA78742-33C, DA78742-34C, DA78742-35C, DA78742-36C, DA78742-37C, DA78742-38C, DA78742-39C, DA78742-40C, DA78742-41C, DA78742-42C, DA78742-43C, DA78742-44C
Batch GP42497: DA78742-45C, DA78742-46C, DA78742-47C, DA78742-48C, DA78742-49C, DA78742-50C, DA78742-51C, DA78742-52C, DA78742-53C, DA78742-54C, DA78742-55C, DA78742-56C, DA78742-57C, DA78742-58C, DA78742-59C, DA78742-60C, DA78742-61C, DA78742-62C, DA78742-63C
(*) Outside of QC limits

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA78742
Account: ALMS - SGS Wheat Ridge, CO
Project: Gordon 13-19 Wellhead

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Chromium, Hexavalent	GP42494/GN2686	DA78745-1C	mg/kg	0.0	10.9	10.9	98.0	75-125%
Chromium, Hexavalent	GP42495/GN2701	DA78742-5C	mg/kg	1.7	12.59	16.4	116.6	75-125%
Chromium, Hexavalent	GP42495/GN2701	DA78742-5C	mg/kg	1.7	780	899	115.1	75-125%
Chromium, Hexavalent	GP42496/GN2701	DA78742-25C	mg/kg	0.0	10.79	11.7	107.2	75-125%
Chromium, Hexavalent	GP42496/GN2701	DA78742-25C	mg/kg	0.0	733	697	95.2	75-125%
Chromium, Hexavalent	GP42497/GN2685	DA78742-45C	mg/kg	1.6	11.5	13.0	99.0	75-125%
Chromium, Hexavalent	GP42497/GN2685	DA78742-45C	mg/kg	1.6	804	828	102.7	75-125%

Associated Samples:
Batch GP42494: DA78742-1C, DA78742-2C, DA78742-3C, DA78742-4C
Batch GP42495: DA78742-5C, DA78742-6C, DA78742-7C, DA78742-8C, DA78742-9C, DA78742-10C, DA78742-11C, DA78742-12C, DA78742-13C, DA78742-14C, DA78742-15C, DA78742-16C, DA78742-17C, DA78742-18C, DA78742-19C, DA78742-20C, DA78742-21C, DA78742-22C, DA78742-23C, DA78742-24C
Batch GP42496: DA78742-25C, DA78742-26C, DA78742-27C, DA78742-28C, DA78742-29C, DA78742-30C, DA78742-31C, DA78742-32C, DA78742-33C, DA78742-34C, DA78742-35C, DA78742-36C, DA78742-37C, DA78742-38C, DA78742-39C, DA78742-40C, DA78742-41C, DA78742-42C, DA78742-43C, DA78742-44C
Batch GP42497: DA78742-45C, DA78742-46C, DA78742-47C, DA78742-48C, DA78742-49C, DA78742-50C, DA78742-51C, DA78742-52C, DA78742-53C, DA78742-54C, DA78742-55C, DA78742-56C, DA78742-57C, DA78742-58C, DA78742-59C, DA78742-60C, DA78742-61C, DA78742-62C, DA78742-63C
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits

MATRIX SPIKE DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA78742
Account: ALMS - SGS Wheat Ridge, CO
Project: Gordon 13-19 Wellhead

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MSD Result	RPD	QC Limit
Chromium, Hexavalent	GP42494/GN2686	DA78745-1C	mg/kg	0.0	10.9	10.7	1.2	20%
Chromium, Hexavalent	GP42494/GN2686	DA78745-1C	mg/kg	0.0	871	815		20%
Chromium, Hexavalent	GP42495/GN2701	DA78742-5C	mg/kg	1.7	12.09	13.9	16.1	20%
Chromium, Hexavalent	GP42496/GN2701	DA78742-25C	mg/kg	0.0	10.53	11.1	5.4	20%
Chromium, Hexavalent	GP42497/GN2685	DA78742-45C	mg/kg	1.6	11.6	13.6	3.9	20%

Associated Samples:
Batch GP42494: DA78742-1C, DA78742-2C, DA78742-3C, DA78742-4C
Batch GP42495: DA78742-5C, DA78742-6C, DA78742-7C, DA78742-8C, DA78742-9C, DA78742-10C, DA78742-11C, DA78742-12C, DA78742-13C, DA78742-14C, DA78742-15C, DA78742-16C, DA78742-17C, DA78742-18C, DA78742-19C, DA78742-20C, DA78742-21C, DA78742-22C, DA78742-23C, DA78742-24C
Batch GP42496: DA78742-25C, DA78742-26C, DA78742-27C, DA78742-28C, DA78742-29C, DA78742-30C, DA78742-31C, DA78742-32C, DA78742-33C, DA78742-34C, DA78742-35C, DA78742-36C, DA78742-37C, DA78742-38C, DA78742-39C, DA78742-40C, DA78742-41C, DA78742-42C, DA78742-43C, DA78742-44C
Batch GP42497: DA78742-45C, DA78742-46C, DA78742-47C, DA78742-48C, DA78742-49C, DA78742-50C, DA78742-51C, DA78742-52C, DA78742-53C, DA78742-54C, DA78742-55C, DA78742-56C, DA78742-57C, DA78742-58C, DA78742-59C, DA78742-60C, DA78742-61C, DA78742-62C, DA78742-63C
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits