



Cole Garner Geotechnical
 1070 West 124th Ave
 Suite 300
 Westminster, CO 80234
 Phone: 303.996.2999

Soil Nuclear Gauge

Report Date: 9/9/2020
Test Method: ASTM D 6938

Client:
 KB Home Colorado Inc.
 7807 East Peakview Avenue, Suite 300
 Centennial, CO 80111

Project:
 19.23.042
 Trails at Crowfoot
 Crowfoot Valley Road and Bayou Gulch Road
 Parker, CO

Test Results

Test #	Retest Of	Test Date	Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)	In Place Moisture (%)	In Place Dry Density (pcf)	In Place Wet Density (pcf)	Probe Depth (in)	Percent Compaction	Min Comp. (%)	Remark
638		2/19/20	5121	A	A-6	13.2	115.8	14.3	113.7	130.0	8	98	95	DP/MP
639		2/19/20	5121	A	A-6	13.2	115.8	15.1	109.9	126.5	8	95	95	DP/MP
640		2/19/20	5121	A	A-6	13.2	115.8	14.7	112.9	129.5	8	97	95	DP/MP
641		2/19/20	5121	A	A-6	13.2	115.8	15.2	112.8	129.9	8	97	95	DP/MP
642		2/19/20	5121	A	A-6	13.2	115.8	15.2	114.1	131.4	8	99	95	DP/MP
643		2/20/20	5121	A	A-6	13.2	115.8	13.2	116.1	131.4	8	100	95	DP/MP
644		2/20/20	5121	A	A-6	13.2	115.8	14.4	110.1	125.9	8	95	95	DP/MP
652		2/22/20	5121	A	A-6	13.2	115.8	14.8	111.8	128.3	8	97	95	DP/MP

Test Information

Test #	Test Location	Elevation	Reference	Gauge Make / Model / SN / Calibrated	Field Technician
638	23 - Utility Backfill - Water: F15 Mock Orange Ave. Stations: 10+00 to 12+25 and Rock Daisy Street Stations: 11+00 to 13+50. Test- Mock Orange Ave. Station 12+00	-2.0	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
639	23 - Utility Backfill - Water: F15 Mock Orange Ave. Stations: 10+00 to 12+25 and Rock Daisy Street Stations: 11+00 to 13+50. Test- Mock Orange Ave. Station 10+50	-2.0	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
640	23 - Utility Backfill - Water: F15 Mock Orange Ave. Stations: 10+00 to 12+25 and Rock Daisy Street Stations: 11+00 to 13+50. Test- Rock Daisy Street Station 11+75	0.0	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
641	23 - Utility Backfill - Water: F15 Mock Orange Ave. Stations: 10+00 to 12+25 and Rock Daisy Street Stations: 11+00 to 13+50. Test- Rock Daisy Street Station 13+00	-1.0	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
642	23 - Utility Backfill - Water: F15 Mock Orange Ave. Stations: 10+00 to 12+25 and Rock Daisy Street Stations: 11+00 to 13+50. Test- Rock Daisy Street Station 13+05	0.0	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
643	23 - Utility Backfill - Water: Mock Orange Ave. Stations: 10+00 to 12+25. Test- Station: 10+75	-0.5	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
644	23 - Utility Backfill - Water: Mock Orange Ave. Stations: 10+00 to 12+25. Test- Station: 11+75	-0.5	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
652	23 - Utility Backfill - Water: Rock Daisy St. Stations: 14+20 to 15+20. Test: Station: 14+50	-1.0	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez



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Remarks	Comments
DP/MP: Density Pass / Moisture Pass	Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.



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653		2/22/20	5121	A	A-6	13.2	115.8	15.2	110.6	127.4	8	96	95	DP/MP
654		2/22/20	5121	A	A-6	13.2	115.8	15.2	112.0	129.0	8	97	95	DP/MP
655		2/24/20	5121	A	A-6	13.2	115.8	14.7	110.0	126.2	8	95	95	DP/MP
656		2/24/20	5183	A	A-7	17.6	108.1	18.9	106.6	126.7	8	99	95	DP/MP
657		2/24/20	5183	A	A-7	17.6	108.1	18.7	107.1	127.1	8	99	95	DP/MP
658		2/24/20	5121	A	A-6	13.2	115.8	14.9	113.2	130.1	8	98	95	DP/MP
659		2/24/20	5183	A	A-7	17.6	108.1	19.4	103.1	123.1	8	95	95	DP/MP
660		2/24/20	5183	A	A-7	17.6	108.1	19.6	107.8	128.9	8	100	95	DP/MP

Test Information					
Test #	Test Location	Elevation	Reference	Gauge Make / Model / SN / Calibrated	Field Technician
653	23 - Utility Backfill - Water: Rock Daisy St. Stations: 14+20 to 15+20. Test: Station: 14+95	-2.5	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
654	23 - Utility Backfill - Water: Rock Daisy St. Stations: 14+20 to 15+20. Test: Station: 15+00	-0.5	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
655	23 - Utility Backfill - Water: Rock Daisy Trail Stations: 10+50 to 13+00 Test- Station: 11+00	-2.5	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
656	23 - Utility Backfill - Water: Rock Daisy Trail Stations: 10+50 to 13+00 Test- Station: 11+80	-2.5	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
657	23 - Utility Backfill - Water: Rock Daisy Trail Stations: 10+50 to 13+00 Test- Station: 12+40	-2.5	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
658	23 - Utility Backfill - Water: Rock Daisy Lane Stations: 10+50 to 11+75 Test- Station: 11+35	-2.5	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
659	23 - Utility Backfill - Water: Rock Daisy Street Stations: 10+00 to 10+75 and 15+90 to 17+00. Test- Station: 10+40	-2.5	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
660	23 - Utility Backfill - Water: Rock Daisy Street Stations: 10+00 to 10+75 and 15+90 to 17+00. Test- Station: 16+50	-1.5	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez

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661		2/24/20	5183	A	A-7	17.6	108.1	19.5	102.8	122.9	8	95	95	DP/MP
662		2/24/20	5183	A	A-7	17.6	108.1	19.6	104.9	125.5	8	97	95	DP/MP
663		2/26/20	5121	A	A-6	13.2	115.8	13.7	114.3	130.0	8	99	95	DP/MP
664		2/26/20	5121	A	A-6	13.2	115.8	14.7	110.5	126.7	8	95	95	DP/MP
665		2/26/20	5183	A	A-7	17.6	108.1	19.1	105.0	125.1	8	97	95	DP/MP
666		2/26/20	5183	A	A-7	17.6	108.1	18.2	104.7	123.7	8	97	95	DP/MP
667		2/26/20	5121	A	A-6	13.2	115.8	13.9	109.5	124.7	8	95	95	DP/MP
668		2/26/20	5121	A	A-6	13.2	115.8	15.2	109.7	126.4	8	95	95	DP/MP

Test Information					
Test #	Test Location	Elevation	Reference	Gauge Make / Model / SN / Calibrated	Field Technician
661	23 - Utility Backfill - Water: Blue Heart Ct Stations: 10+25 to 11+20. Test- Station: 10+50	-0.5	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
662	23 - Utility Backfill - Water: Rock Daisy St. Stations: 14+00 to 15+30. Test- Station: 14+75	-0.5	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
663	23 - Utility Backfill - Water: Rock Daisy Street Stations: 10+00 to 10+75. Test: 10+25	-1.5	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
664	23 - Utility Backfill - Water: Rock Daisy Street Stations: 10+00 to 10+75. Test: 10+35	0.0	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
665	23 - Utility Backfill - Water: Blue Heart Ct Stations: 10+25 to 11+20. Test: 10+75	-2.5	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
666	23 - Utility Backfill - Water: Blue Heart Ct Stations: 10+25 to 11+20. Test: 10+85	-1.0	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
667	23 - Utility Backfill - Water: Rock Daisy Trail Stations: 10+50 to 13+00. Test: 11+25	-1.5	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
668	23 - Utility Backfill - Water: Rock Daisy Trail Stations: 10+50 to 13+00. Test: 11+20	-0.5	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez

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669		2/26/20	5121	A	A-6	13.2	115.8	13.2	113.1	128.0	8	98	95	DP/MP
670		2/26/20	5121	A	A-6	13.2	115.8	13.6	110.3	125.3	8	95	95	DP/MP
671		2/27/20	5121	A	A-6	13.2	115.8	13.3	112.8	127.8	8	97	95	DP/MP
672		2/27/20	5121	A	A-6	13.2	115.8	15.2	110.4	127.2	8	95	95	DP/MP
673		2/27/20	5121	A	A-6	13.2	115.8	14.9	114.6	131.7	8	99	95	DP/MP
674		2/27/20	5121	A	A-6	13.2	115.8	14.3	113.6	129.9	8	98	95	DP/MP
675		2/28/20	5121	A	A-6	13.2	115.8	13.5	109.5	124.3	8	95	95	DP/MP
676		2/28/20	5121	A	A-6	13.2	115.8	13.2	111.4	126.1	8	96	95	DP/MP

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Test #	Test Location	Elevation	Reference	Gauge Make / Model / SN / Calibrated	Field Technician
669	23 - Utility Backfill - Water: Rock Daisy Trail Stations: 10+50 to 13+00. Test: 12+00	-1.5	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
670	23 - Utility Backfill - Water: Rock Daisy Trail Stations: 10+50 to 13+00. Test: 12+05	-0.5	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
671	23 - Utility Backfill - Water: F15 Mock Orange Way Stations: 10+00 to 11+00 and Mock Orange Ave Stations: 12+50 to 13+50. Test- Mock Orange Way: 10+50.	-3.0	Down from FG	Instrotek / Explorer 3500 / 2016 / 6/20/2018	Rob Lopez
672	23 - Utility Backfill - Water: F15 Mock Orange Way Stations: 10+00 to 11+00 and Mock Orange Ave Stations: 12+50 to 13+50. Test- Mock Orange Way: 10+45.	-2.0	Down from FG	Instrotek / Explorer 3500 / 2016 / 6/20/2018	Rob Lopez
673	23 - Utility Backfill - Water: F15 Mock Orange Way Stations: 10+00 to 11+00 and Mock Orange Ave Stations: 12+50 to 13+50. Test- Mock Orange Ave: 12+95.	-5.0	Down from FG	Instrotek / Explorer 3500 / 2016 / 6/20/2018	Rob Lopez
674	23 - Utility Backfill - Water: F15 Mock Orange Way Stations: 10+00 to 11+00 and Mock Orange Ave Stations: 12+50 to 13+50. Test- Mock Orange Ave: 12+75.	-4.0	Down from FG	Instrotek / Explorer 3500 / 2016 / 6/20/2018	Rob Lopez
675	23 - Utility Backfill - Water: F15 Mock Orange Way Stations: 10+00 to 11+00 and Mock Orange Ave Stations: 12+50 to 14+00. Test- Mock Orange Way: 10+60.	-1.0	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
676	23 - Utility Backfill - Water: F15 Mock Orange Way Stations: 10+00 to 11+00 and Mock Orange Ave Stations: 12+50 to 14+00. Test- Mock Orange Way: 10+65.	0.0	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez



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677		2/28/20	5196		A-2	10.8	119.0	11.3	115.7	128.8	8	97	95	DP/MP
678		2/28/20	5196		A-2	10.8	119.0	11.8	116.4	130.1	8	98	95	DP/MP
679		2/28/20	5121	A	A-6	13.2	115.8	15.2	113.7	131.0	8	98	95	DP/MP
680		2/28/20	5121	A	A-6	13.2	115.8	14.8	110.3	126.6	8	95	95	DP/MP
681		2/27/20	5196		A-2	10.8	119.0	11.5	118.1	131.7	8	99	95	DP/MP
682		2/27/20	5121	A	A-6	13.2	115.8	15.2	114.1	131.4	8	99	95	DP/MP
683		3/2/20	5196		A-2	10.8	119.0	11.8	117.2	131.0	8	98	95	DP/MP
684		3/2/20	5196		A-2	10.8	119.0	11.0	113.7	126.2	8	96	95	DP/MP

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Test #	Test Location	Elevation	Reference	Gauge Make / Model / SN / Calibrated	Field Technician
677	23 - Utility Backfill - Water: F15 Mock Orange Way Stations: 10+00 to 11+00 and Mock Orange Ave Stations: 12+50 to 14+00. Test- Mock Orange Ave: 13+75.	-6.0	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
678	23 - Utility Backfill - Water: F15 Mock Orange Way Stations: 10+00 to 11+00 and Mock Orange Ave Stations: 12+50 to 14+00. Test- Mock Orange Ave: 13+50.	-5.0	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
679	23 - Utility Backfill - Water: F15 N of Hydrant Area approx Rock Daisy St. Station: 14+00 and N side of Hydrant Area approx Mock Orange Ave Station: 11+80. Test- Hydrant, Rock Daisy St. Station: 14+00.	-1.0	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
680	23 - Utility Backfill - Water: F15 N of Hydrant Area approx Rock Daisy St. Station: 14+00 and N side of Hydrant Area approx Mock Orange Ave Station: 11+80. Test- N side of Hydrant Area approx Mock Orange Ave Station: 11+80.	-1.0	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
681	23 - Utility Backfill - Water: Mock Orange Ct Stations: 10+00 to 11+00. Test: 10+25	-6.0	Down from FG	Instrotek / Explorer 3500 / 2016 / 6/20/2018	Rob Lopez
682	23 - Utility Backfill - Water: Mock Orange Ct Stations: 10+00 to 11+00. Test: 10+75	-5.0	Down from FG	Instrotek / Explorer 3500 / 2016 / 6/20/2018	Rob Lopez
683	23 - Utility Backfill - Water: Mock Orange Ct Stations: 10+00 to 11+00 and Mock Orange Ave. Stations: 12+50 to 14+00. Test- Mock Orange Ct Station: 10+50	-4.0	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
684	23 - Utility Backfill - Water: Mock Orange Ct Stations: 10+00 to 11+00 and Mock Orange Ave. Stations: 12+50 to 14+00. Test- Mock Orange Ct Station: 10+55	-3.0	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez



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685		3/2/20	5121	A	A-6	13.2	115.8	15.2	114.1	131.4	8	99	95	DP/MP
686		3/2/20	5121	A	A-6	13.2	115.8	14.2	112.8	128.8	8	97	95	DP/MP
687		3/2/20	5121	A	A-6	13.2	115.8	14.6	112.8	129.3	8	97	95	DP/MP
688		3/3/20	5121	A	A-6	13.2	115.8	14.6	112.5	128.9	8	97	95	DP/MP
689		3/3/20	5121	A	A-6	13.2	115.8	15.2	110.5	127.3	8	95	95	DP/MP
690		4/21/20	4533	A	A-7	17.1	111.6	17.9	108.1	127.5	8	97	95	DP/MP
691		4/21/20	4533	A	A-7	17.1	111.6	19.0	105.7	125.8	8	95	95	DP/MP
692		4/21/20	4533	A	A-7	17.1	111.6	17.1	111.2	130.2	8	100	95	DP/MP

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685	23 - Utility Backfill - Water: Mock Orange Ct Stations: 10+00 to 11+00 and Mock Orange Ave. Stations: 12+50 to 14+00. Test- Mock Orange Ave Station: 13+00	-2.0	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
686	23 - Utility Backfill - Water: Mock Orange Ct Stations: 10+00 to 11+00 and Mock Orange Ave. Stations: 12+50 to 14+00. Test- Mock Orange Ave Station: 13+80	-3.0	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
687	23 - Utility Backfill - Water: Mock Orange Ct Stations: 10+00 to 11+00 and Mock Orange Ave. Stations: 12+50 to 14+00. Test- Mock Orange Ave Station: 13+75	-2.0	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
688	23 - Utility Backfill - Water: Mock Orange Ave. Stations: 12+50 to 14+00 and Mock Orange Ct Station: 10+00 to 11+00. Test- Mock Orange Ave Station: 13+25	-0.5	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
689	23 - Utility Backfill - Water: Mock Orange Ave. Stations: 12+50 to 14+00 and Mock Orange Ct Station: 10+00 to 11+00. Test- Mock Orange Ct. Station: 10+70	-0.5	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
690	23 - Utility Backfill - Water: Mock Orange Ct Stations: 10+85 to 11+00. Service Area to Block 1 Lots: 27,28,29 and 30.	-2.5	Below Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
691	23 - Utility Backfill - Water: Mock Orange Ct Stations: 10+85 to 11+00. Service Area to Block 1 Lots: 27,28,29 and 30.	-1.5	Below Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
692	23 - Utility Backfill - Water: Mock Orange Ct Stations: 10+85 to 11+00. Service Area to Block 1 Lots: 27,28,29 and 30.	0.0	Below Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez



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Cole Garner Geotechnical
 1070 West 124th Ave
 Suite 300
 Westminster, CO 80234
 Phone: 303.996.2999

Soil Nuclear Gauge

Report Date: 9/9/2020
Test Method: ASTM D 6938

Client:
 KB Home Colorado Inc.
 7807 East Peakview Avenue, Suite 300
 Centennial, CO 80111

Project:
 19.23.042
 Trails at Crowfoot
 Crowfoot Valley Road and Bayou Gulch Road
 Parker, CO

Test Results														
Test #	Retest Of	Test Date	Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)	In Place Moisture (%)	In Place Dry Density (pcf)	In Place Wet Density (pcf)	Probe Depth (in)	Percent Compaction	Min Comp. (%)	Remark
693		4/21/20	4533	A	A-7	17.1	111.6	19.1	105.9	126.1	8	95	95	DP/MP
694		4/21/20	4533	A	A-7	17.1	111.6	18.7	105.5	125.2	8	95	95	DP/MP
695		4/21/20	4533	A	A-7	17.1	111.6	17.1	111.0	130.0	8	99	95	DP/MP
696		4/21/20	5121	A	A-6	13.2	115.8	13.5	113.6	128.9	8	98	95	DP/MP
697		4/21/20	5121	A	A-6	13.2	115.8	13.2	113.5	128.5	8	98	95	DP/MP
698		4/21/20	5121	A	A-6	13.2	115.8	13.2	114.3	129.4	8	99	95	DP/MP
699		4/21/20	4533	A	A-7	17.1	111.6	17.6	105.7	124.3	8	95	95	DP/MP
700		4/21/20	4533	A	A-7	17.1	111.6	17.1	107.3	125.6	8	96	95	DP/MP

Test Information					
Test #	Test Location	Elevation	Reference	Gauge Make / Model / SN / Calibrated	Field Technician
693	23 - Utility Backfill - Water: Mock Orange Way Stations: 10+45 to 10+60. Service Area to Block 1 Lots: 23,24,25 and 26	-2.5	Below Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
694	23 - Utility Backfill - Water: Mock Orange Way Stations: 10+45 to 10+60. Service Area to Block 1 Lots: 23,24,25 and 26	-1.5	Below Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
695	23 - Utility Backfill - Water: Mock Orange Way Stations: 10+45 to 10+60. Service Area to Block 1 Lots: 23,24,25 and 26	0.0	Below Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
696	23 - Utility Backfill - Water: Rock Daisy Street Stations: 10+20 to 10+35 Service Area to Block 1 Lots: 1,2,21 and 22	-2.0	Below Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
697	23 - Utility Backfill - Water: Rock Daisy Street Stations: 10+20 to 10+35 Service Area to Block 1 Lots: 1,2,21 and 22	-1.0	Below Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
698	23 - Utility Backfill - Water: Rock Daisy Street Stations: 10+20 to 10+35 Service Area to Block 1 Lots: 1,2,21 and 22	0.0	Below Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
699	23 - Utility Backfill - Water: Rock Daisy Street Stations: 10+90 to 11+05 Service Area to Block 1 Lots: 3 and 4	-2.5	Below Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
700	23 - Utility Backfill - Water: Rock Daisy Street Stations: 10+90 to 11+05 Service Area to Block 1 Lots: 3 and 4	-1.5	Below Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez

Remarks	Comments
DP/MP: Density Pass / Moisture Pass	Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.



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Test Results														
Test #	Retest Of	Test Date	Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)	In Place Moisture (%)	In Place Dry Density (pcf)	In Place Wet Density (pcf)	Probe Depth (in)	Percent Compaction	Min Comp. (%)	Remark
701		4/21/20	4533	A	A-7	17.1	111.6	17.1	111.4	130.4	8	100	95	DP/MP
Test Information														
Test #	Test Location						Elevation	Reference	Gauge Make / Model / SN / Calibrated			Field Technician		
701	23 - Utility Backfill - Water: Rock Daisy Street Stations: 10+90 to 11+05 Service Area to Block 1 Lots: 3 and 4						0.0	Below Final Grade	Troxler / 3440 / 63528 / 2/1/2019			Rob Lopez		
Remarks					Comments									
DP/MP: Density Pass / Moisture Pass					Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.									



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702		4/21/20	4533	A	A-7	17.1	111.6	18.2	105.6	124.8	8	95	95	DP/MP
703		4/21/20	4533	A	A-7	17.1	111.6	17.5	105.5	124.0	8	95	95	DP/MP
704		4/21/20	4533	A	A-7	17.1	111.6	17.2	109.3	128.1	8	98	95	DP/MP
705		4/21/20	4533	A	A-7	17.1	111.6	19.1	106.0	126.2	8	95	95	DP/MP
706		4/21/20	4533	A	A-7	17.1	111.6	18.8	105.6	125.4	8	95	95	DP/MP
707		4/21/20	4533	A	A-7	17.1	111.6	17.7	105.7	124.4	8	95	95	DP/MP
708		4/22/20	4533	A	A-7	17.1	111.6	17.1	110.0	128.8	8	99	95	DP/MP
709		4/22/20	4533	A	A-7	17.1	111.6	19.1	105.8	126.0	8	95	95	DP/MP

Test Information					
Test #	Test Location	Elevation	Reference	Gauge Make / Model / SN / Calibrated	Field Technician
702	23 - Utility Backfill - Water: Rock Daisy Street Stations: 11+85 to 12+00. Service Area to Block 1 Lots: 5 and 6	-2.5	Below Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
703	23 - Utility Backfill - Water: Rock Daisy Street Stations: 11+85 to 12+00. Service Area to Block 1 Lots: 5 and 6	-1.5	Below Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
704	23 - Utility Backfill - Water: Rock Daisy Street Stations: 11+85 to 12+00. Service Area to Block 1 Lots: 5 and 6	0.0	Below Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
705	23 - Utility Backfill - Water: Rock Daisy Street Stations: 12+40 to 12+55 Service Area to Block 1 Lots: 7 and 8	-2.5	Below Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
706	23 - Utility Backfill - Water: Rock Daisy Street Stations: 12+40 to 12+55 Service Area to Block 1 Lots: 7 and 8	-1.5	Below Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
707	23 - Utility Backfill - Water: Rock Daisy Street Stations: 12+40 to 12+55. Service Area to Block 1 Lots: 7 and 8	0.0	Below Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
708	23 - Utility Backfill - Water: Rock Daisy Street Stations: 13+10 to 13+25. Service Area to Block 1 Lots: 9 and 10	-2.5	Below Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
709	23 - Utility Backfill - Water: Rock Daisy Street Stations: 13+10 to 13+25. Service Area to Block 1 Lots: 9 and 10	-1.5	Below Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez

Remarks	Comments
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710		4/22/20	4533	A	A-7	17.1	111.6	17.4	105.5	123.8	8	95	95	DP/MP
711		4/22/20	4533	A	A-7	17.1	111.6	17.6	108.7	127.8	8	97	95	DP/MP
712		4/22/20	4533	A	A-7	17.1	111.6	17.3	110.8	130.0	8	99	95	DP/MP
713		4/22/20	4533	A	A-7	17.1	111.6	19.0	106.6	126.9	8	96	95	DP/MP
714		4/22/20	4533	A	A-7	17.1	111.6	17.4	108.8	127.7	8	97	95	DP/MP
715		4/22/20	4533	A	A-7	17.1	111.6	17.3	108.4	127.1	8	97	95	DP/MP
716		4/22/20	4533	A	A-7	17.1	111.6	17.7	105.9	124.7	8	95	95	DP/MP
717		4/22/20	4533	A	A-7	17.1	111.6	17.4	106.5	125.0	8	95	95	DP/MP

Test Information

Test #	Test Location	Elevation	Reference	Gauge Make / Model / SN / Calibrated	Field Technician
710	23 - Utility Backfill - Water: Rock Daisy Street Stations: 13+10 to 13+25. Service Area to Block 1 Lots: 9 and 10	0.0	Below Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
711	23 - Utility Backfill - Water: Rock Daisy Street Stations: 14+05 to 14+20. Service Area to Block 1 Lots: 11 and 12	-2.5	Below Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
712	23 - Utility Backfill - Water: Rock Daisy Street Stations: 14+05 to 14+20. Service Area to Block 1 Lots: 11 and 12	-1.5	Below Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
713	23 - Utility Backfill - Water: Rock Daisy Street Stations: 14+05 to 14+20. Service Area to Block 1 Lots: 11 and 12	0.0	Below Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
714	23 - Utility Backfill - Water: Rock Daisy Street Stations: 14+70 to 14+85. Service Area to Block 1 Lots: 13 and 14 & Block 2 Lots: 13 and 14	-2.5	Below Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
715	23 - Utility Backfill - Water: Rock Daisy Street Stations: 14+70 to 14+85. Service Area to Block 1 Lots: 13 and 14 & Block 2 Lots: 13 and 14	-1.5	Below Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
716	23 - Utility Backfill - Water: Rock Daisy Street Stations: 14+70 to 14+85. Service Area to Block 1 Lots: 13 and 14 & Block 2 Lots: 13 and 14	0.0	Below Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
717	23 - Utility Backfill - Water: Rock Daisy Street Stations: 15+35 to 15+50. Service Area to Block 1 Lots: 15 and 16	-2.5	Below Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez

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718		4/22/20	4533	A	A-7	17.1	111.6	18.6	105.6	125.2	8	95	95	DP/MP
719		4/22/20	4533	A	A-7	17.1	111.6	19.0	107.9	128.4	8	97	95	DP/MP
720		4/27/20	5121	A	A-6	13.2	115.8	15.0	113.7	130.8	8	98	95	DP/MP
721		4/27/20	5121	A	A-6	13.2	115.8	15.1	114.8	132.1	8	99	95	DP/MP
722		4/27/20	5121	A	A-6	13.2	115.8	13.2	116.1	131.4	8	100	95	DP/MP
723		4/27/20	5121	A	A-6	13.2	115.8	15.2	109.5	126.2	8	95	95	DP/MP
724		4/27/20	5121	A	A-6	13.2	115.8	14.6	109.9	126.0	8	95	95	DP/MP
725		4/27/20	5121	A	A-6	13.2	115.8	15.0	113.4	130.4	8	98	95	DP/MP

Test Information					
Test #	Test Location	Elevation	Reference	Gauge Make / Model / SN / Calibrated	Field Technician
718	23 - Utility Backfill - Water: Rock Daisy Street Stations: 15+35 to 15+50 Service Area to Block 1 Lots: 15 and 16	-1.5	Below Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
719	23 - Utility Backfill - Water: Rock Daisy Street Stations: 15+35 to 15+50 Service Area to Block 1 Lots: 15 and 16	0.0	Below Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
720	23 - Utility Backfill - Water: Rock Daisy Lane Stations: 10+60 to 10+75. Service Area to Block 2 Lots: 1 and 2	-2.5	Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
721	23 - Utility Backfill - Water: Rock Daisy Lane Stations: 10+60 to 10+75. Service Area to Block 2 Lots: 1 and 2	-1.5	Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
722	23 - Utility Backfill - Water: Rock Daisy Lane Stations: 10+60 to 10+75. Service Area to Block 2 Lots: 1 and 2	0.0	Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
723	23 - Utility Backfill - Water: Rock Daisy Lane Stations: 11+25 to 11+40. Service Area to Block 2 Lots: 3 and 4	-2.5	Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
724	23 - Utility Backfill - Water: Rock Daisy Lane Stations: 11+25 to 11+40. Service Area to Block 2 Lots: 3 and 4	-1.5	Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
725	23 - Utility Backfill - Water: Rock Daisy Lane Stations: 11+25 to 11+40. Service Area to Block 2 Lots: 3 and 4	0.0	Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez

Remarks	Comments
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726		4/27/20	4533	A	A-7	17.1	111.6	17.4	106.1	124.6	8	95	95	DP/MP
727		4/27/20	4533	A	A-7	17.1	111.6	17.1	110.6	129.5	8	99	95	DP/MP
728		4/27/20	4533	A	A-7	17.1	111.6	17.2	105.7	123.9	8	95	95	DP/MP
729		4/27/20	5121	A	A-6	13.2	115.8	14.6	112.2	128.6	8	97	95	DP/MP
730		4/27/20	5121	A	A-6	13.2	115.8	15.2	113.9	131.2	8	98	95	DP/MP
731		4/27/20	5121	A	A-6	13.2	115.8	14.2	111.8	127.7	8	97	95	DP/MP
732		4/27/20	4533	A	A-7	17.1	111.6	17.6	109.7	129.0	8	98	95	DP/MP
733		4/27/20	4533	A	A-7	17.1	111.6	18.2	105.7	124.9	8	95	95	DP/MP

Test Information					
Test #	Test Location	Elevation	Reference	Gauge Make / Model / SN / Calibrated	Field Technician
726	23 - Utility Backfill - Water: Rock Daisy Trail Stations: 12+75 to 12+90. Service Area to Block 2 Lots: 5 and 6	-2.5	Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
727	23 - Utility Backfill - Water: Rock Daisy Trail Stations: 12+75 to 12+90. Service Area to Block 2 Lots: 5 and 6	-1.5	Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
728	23 - Utility Backfill - Water: Rock Daisy Trail Stations: 12+75 to 12+90. Service Area to Block 2 Lots: 5 and 6	0.0	Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
729	23 - Utility Backfill - Water: Rock Daisy Trail Stations: 12+15 to 12+30. Service Area to Block 2 Lots: 7 and 8	-2.5	Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
730	23 - Utility Backfill - Water: Rock Daisy Trail Stations: 12+15 to 12+30. Service Area to Block 2 Lots: 7 and 8	-1.5	Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
731	23 - Utility Backfill - Water: Rock Daisy Trail Stations: 12+15 to 12+30. Service Area to Block 2 Lots: 7 and 8	0.0	Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
732	23 - Utility Backfill - Water: Rock Daisy Trail Stations: 11+50 to 11+65. Service Area to Block 2 Lots: 9 and 10	-2.5	Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
733	23 - Utility Backfill - Water: Rock Daisy Trail Stations: 11+50 to 11+65. Service Area to Block 2 Lots: 9 and 10	-1.5	Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez

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734		4/27/20	4533	A	A-7	17.1	111.6	17.2	108.4	127.1	8	97	95	DP/MP
735		4/27/20	4533	A	A-7	17.1	111.6	19.1	105.7	125.9	8	95	95	DP/MP
736		4/27/20	4533	A	A-7	17.1	111.6	17.2	105.6	123.8	8	95	95	DP/MP
737		4/27/20	4533	A	A-7	17.1	111.6	17.2	111.3	130.4	8	100	95	DP/MP

Test Information					
Test #	Test Location	Elevation	Reference	Gauge Make / Model / SN / Calibrated	Field Technician
734	23 - Utility Backfill - Water: Rock Daisy Trail Stations: 11+50 to 11+65. Service Area to Block 2 Lots: 9 and 10	0.0	Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
735	23 - Utility Backfill - Water: Rock Daisy Trail Stations: 10+80 to 10+95. Service Area to Block 2 Lots: 11 and 12	-2.5	Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
736	23 - Utility Backfill - Water: Rock Daisy Trail Stations: 10+80 to 10+95. Service Area to Block 2 Lots: 11 and 12	-1.5	Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
737	23 - Utility Backfill - Water: Rock Daisy Trail Stations: 10+80 to 10+95. Service Area to Block 2 Lots: 11 and 12	0.0	Final Grade	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez

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