



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

Soil Nuclear Gauge

Report Date: 9/26/2019
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)	Probe Depth (in)	Percent Compaction	Min Comp. (%)	Remark
426		9/24/19	5121	A	A-6	13.2	115.8	14.8	112.0	8	97	95	DP/MP
427		9/24/19	5121	A	A-6	13.2	115.8	15.1	114.0	8	98	95	DP/MP
428		9/24/19	5121	A	A-6	13.2	115.8	14.7	112.3	8	97	95	DP/MP
429		9/24/19	5121	A	A-6	13.2	115.8	13.4	109.6	8	95	95	DP/MP
430		9/24/19	5121	A	A-6	13.2	115.8	13.2	109.7	8	95	95	DP/MP
431		9/24/19	5121	A	A-6	13.2	115.8	13.6	113.0	8	98	95	DP/MP
432		9/24/19	5121	A	A-6	13.2	115.8	13.3	113.6	8	98	95	DP/MP
433		9/24/19	5121	A	A-6	13.2	115.8	14.3	114.8	8	99	95	DP/MP

Test Information					
Test #	Test Location	Elevation	Reference	Gauge Make / Model / SN / Calibrated	Field Technician
426	Utility Backfill: Sanitary Sewer: Filing 15 SS North STA: 9+50 to 11+50 Test- Back-fill for MH-14 Filing 15 SS North Station: 10+84, 5' South	-10.0	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
427	Utility Backfill: Sanitary Sewer: Filing 15 SS North STA: 9+50 to 11+50 Test- Back-fill for MH-14 Filing 15 SS North Station: 10+84, 5' South	-9.0	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
428	Utility Backfill: Sanitary Sewer: Filing 15 SS North STA: 9+50 to 11+50 Test- Back-fill for MH-14 Filing 15 SS North Station: 10+84, 5' South	-8.0	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
429	Utility Backfill: Sanitary Sewer: Filing 15 SS North STA: 9+50 to 11+50 Test- Back-fill for MH-14 Filing 15 SS North Station: 10+84, 5' South	-7.0	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
430	Utility Backfill: Sanitary Sewer: Filing 15 SS North STA: 9+50 to 11+50 Test- Back-fill for MH-14 Filing 15 SS North Station: 10+84, 5' East	-5.0	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
431	Utility Backfill: Sanitary Sewer: Filing 15 SS North STA: 9+50 to 11+50 Test- Back-fill for MH-14 Filing 15 SS North Station: 10+84, 5' East	-3.0	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
432	Utility Backfill: Sanitary Sewer: Filing 15 SS North STA: 9+50 to 11+50 Test- Back-fill for MH-14 Filing 15 SS North Station: 10+84, 5' East	-1.0	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
433	Utility Backfill: Sanitary Sewer: Filing 15 SS North STA: 9+50 to 11+50 Test- Service to Block 1 Lot 21	-7.0	Down from FG	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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434		9/24/19	5121	A	A-6	13.2	115.8	13.2	114.1	8	99	95	DP/MP
435		9/24/19	4559	A	A-7	17.0	110.2	17.2	106.5	8	97	95	DP/MP
436		9/24/19	4559	A	A-7	17.0	110.2	19.0	104.8	8	95	95	DP/MP
Test Information													
Test #	Test Location						Elevation	Reference	Gauge Make / Model / SN / Calibrated			Field Technician	
434	Utility Backfill: Sanitary Sewer: Filing 15 SS North STA: 9+50 to 11+50 Test- Service to Block 1 Lot 21						-6.0	Down from FG	Troxler / 3440 / 63528 / 2/1/2019			Rob Lopez	
435	Utility Backfill: Sanitary Sewer: Filing 15 SS North STA: 9+50 to 11+50 Test- Service to Block 1 Lot 21						-4.0	Down from FG	Troxler / 3440 / 63528 / 2/1/2019			Rob Lopez	
436	Utility Backfill: Sanitary Sewer: Filing 15 SS North STA: 9+50 to 11+50 Test- Service to Block 1 Lot 21						-2.0	Down from FG	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.							