



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

Soil Nuclear Gauge

Report Date: 9/20/2019
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
385		9/18/19	5121	A	A-6	13.2	115.8	15.2	110.9	8	96	95	DP/MP
386		9/18/19	5121	A	A-6	13.2	115.8	14.7	109.8	8	95	95	DP/MP
387		9/18/19	4559	A	A-7	17.0	110.2	17.9	107.5	8	98	95	DP/MP
388		9/18/19	4559	A	A-7	17.0	110.2	17.0	108.3	8	98	95	DP/MP
389		9/18/19	5121	A	A-6	13.2	115.8	13.6	109.7	8	95	95	DP/MP
390		9/18/19	4559	A	A-7	17.0	110.2	17.0	109.0	8	99	95	DP/MP
391		9/18/19	4559	A	A-7	17.0	110.2	17.9	109.8	8	100	95	DP/MP
392		9/18/19	4559	A	A-7	17.0	110.2	17.8	107.5	8	98	95	DP/MP

Test Information					
Test #	Test Location	Elevation	Reference	Gauge Make / Model / SN / Calibrated	Field Technician
385	Utility Backfill: Sanitary Sewer: Filing 15 SS WEST-EAST 9+75 to 11+50: From MH-12 (10+00) to MH-30 (11+05) Test: Filing 15 SS WEST-EAST Station: 10+40	-7.0	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
386	Utility Backfill: Sanitary Sewer: Filing 15 SS WEST-EAST 9+75 to 11+50: From MH-12 (10+00) to MH-30 (11+05) Test: Filing 15 SS WEST-EAST Station: 10+45	-5.0	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
387	Utility Backfill: Sanitary Sewer: Filing 15 SS WEST-EAST 9+75 to 11+50: From MH-12 (10+00) to MH-30 (11+05) Test: Filing 15 SS WEST-EAST Station: 10+50	-3.0	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
388	Utility Backfill: Sanitary Sewer: Filing 15 SS WEST-EAST 9+75 to 11+50: From MH-12 (10+00) to MH-30 (11+05) Test: Filing 15 SS WEST-EAST Station: 10+55	-0.5	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
389	Utility Backfill: Sanitary Sewer: Filing 15 SS NORTH EAST STA: 9+50 to 12+00: BACK-FILL for MH-24 (11+08.11) Test: South Side of MH-24 STA: 11+06	-8.0	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
390	Utility Backfill: Sanitary Sewer: Filing 15 SS NORTH EAST STA: 9+50 to 12+00: BACK-FILL for MH-24 (11+08.11) Test: South Side of MH-24 STA: 11+06	-6.0	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
391	Utility Backfill: Sanitary Sewer: Filing 15 SS NORTH EAST STA: 9+50 to 12+00: BACK-FILL for MH-24 (11+08.11) Test: South Side of MH-24 STA: 11+06	-4.0	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez
392	Utility Backfill: Sanitary Sewer: Filing 15 SS NORTH EAST STA: 9+50 to 12+00: BACK-FILL for MH-24 (11+08.11) Test: South Side of MH-24 STA: 11+06	-2.0	Down from FG	Troxler / 3440 / 63528 / 2/1/2019	Rob Lopez



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

Soil Nuclear Gauge

Report Date: 9/20/2019
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

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.



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

Soil Nuclear Gauge

Report Date: 9/20/2019
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
393		9/18/19	4559	A	A-7	17.0	110.2	17.0	107.5	8	98	95	DP/MP
394		9/18/19	4559	A	A-7	17.0	110.2	17.1	104.2	8	95	95	DP/MP
395		9/18/19	4559	A	A-7	17.0	110.2	17.4	105.5	8	96	95	DP/MP
396		9/18/19	4559	A	A-7	17.0	110.2	17.6	107.1	8	97	95	DP/MP
397		9/18/19	4559	A	A-7	17.0	110.2	17.0	105.5	8	96	95	DP/MP
398		9/18/19	4559	A	A-7	17.0	110.2	17.0	109.1	8	99	95	DP/MP
Test Information													
Test #	Test Location						Elevation	Reference	Gauge Make / Model / SN / Calibrated			Field Technician	
393	Utility Backfill: Sanitary Sewer: Filing 15 SS NORTH EAST STA: 9+50 to 12+00: BACK-FILL for MH-24 (11+08.11) Test: South Side of MH-24 STA: 11+06						0.0	Down from FG	Troxler / 3440 / 63528 / 2/1/2019			Rob Lopez	
394	Utility Backfill: Sanitary Sewer: Filing 15 SS NORTH EAST STA: 9+50 to 12+00: BACK-FILL for MH-23 (11+54.29) Test: North Side of MH-23 STA: 11+56						-8.0	Down from FG	Troxler / 3440 / 63528 / 2/1/2019			Rob Lopez	
395	Utility Backfill: Sanitary Sewer: Filing 15 SS NORTH EAST STA: 9+50 to 12+00: BACK-FILL for MH-23 (11+54.29) Test: North Side of MH-23 STA: 11+56						-6.0	Down from FG	Troxler / 3440 / 63528 / 2/1/2019			Rob Lopez	
396	Utility Backfill: Sanitary Sewer: Filing 15 SS NORTH EAST STA: 9+50 to 12+00: BACK-FILL for MH-23 (11+54.29) Test: North Side of MH-23 STA: 11+56						-4.0	Down from FG	Troxler / 3440 / 63528 / 2/1/2019			Rob Lopez	
397	Utility Backfill: Sanitary Sewer: Filing 15 SS NORTH EAST STA: 9+50 to 12+00: BACK-FILL for MH-23 (11+54.29) Test: North Side of MH-23 STA: 11+56						-2.0	Down from FG	Troxler / 3440 / 63528 / 2/1/2019			Rob Lopez	
398	Utility Backfill: Sanitary Sewer: Filing 15 SS NORTH EAST STA: 9+50 to 12+00: BACK-FILL for MH-23 (11+54.29) Test: North Side of MH-23 STA: 11+56						-0.5	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.							