



Alpha Omega Geotech, Inc
1701 State Avenue
Kansas City, KS 66102
Phone: 913-371-0000

Soil Nuclear Gauge

Report Date: 04/25/2024
Test Method: ASTM D 6938

Client:

Ward Development
1120 NW Eagle Ridge Blvd
Grain Valley, MO 64029

Project:

230529
Lakewood Business Center Lot 1
NE Maguire Blvd
Lee's Summit, MO 64064

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/Max Comp. (%)	Optimum Moisture Tolerance (%)	Remarks
34		04/24/24	446186		CH	21.1	101.2	18.6	102.9	122.0	2	102	95 / 102	-3 / 3	DP/MP
35		04/24/24	446186		CH	21.1	101.2	18.5	101.3	120.0	2	100	95 / 102	-3 / 3	DP/MP
36		04/24/24	446186		CH	21.1	101.2	18.6	98.9	117.3	2	98	95 / 102	-3 / 3	DP/MP
37		04/24/24	446186		CH	21.1	101.2	18.6	100.8	119.6	2	100	95 / 102	-3 / 3	DP/MP
38		04/24/24	446186		CH	21.1	101.2	21.0	96.5	116.8	2	95	95 / 102	-3 / 3	DP/MP
39		04/24/24	446186		CH	21.1	101.2	22.1	96.6	118.0	2	95	95 / 102	-3 / 3	DP/MP
Test Information															
Test #	Test Location							Elevation	Reference			Gauge Make / Model / SN / Calibrated		Field Technician	
34	Structural Fill: Cement Stabilization for Street. Test taken at West end.											Humboldt / 5001c / 1670 / 04/07/2023		William Connelly	
35	Structural Fill: Cement Stabilization for Street. Test taken at West end.											Humboldt / 5001c / 1670 / 04/07/2023		William Connelly	
36	Structural Fill: Cement Stabilization for Street. Test taken at East end.											Humboldt / 5001c / 1670 / 04/07/2023		William Connelly	
37	Structural Fill: Cement Stabilization for Street. Test taken at East end.											Humboldt / 5001c / 1670 / 04/07/2023		William Connelly	
38	Structural Fill: Cement Stabilization for Street. Test taken at East end.											Humboldt / 5001c / 1670 / 04/07/2023		William Connelly	
39	Structural Fill: Cement Stabilization for Street. Test taken at East end.											Humboldt / 5001c / 1670 / 04/07/2023		William Connelly	
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.										

Reviewed by: Jeff Marquez

04/25/2024