

Report Of: Report of In-Place Moisture and Density
Lab No: 15838-1
Report No: C24T2055-0037
Project No: C24T2055
Client: CTYSCACO
Page 1 of 2
Client: Cityscape Construction - Tudor, LLC
Tom Vernizzi
10 W Carmel Dr
Ste 200
Carmel, IN 46032

Project: Evren Apartments - Lee's Summit, MO

Report Date: 04/14/2025

Service Date: 04/11/2025

Technician: Lane, Samuel

Client PO:
Location: 25 NE Tudor Rd, Lee's Summit, MO 64086

Proctor No	Proctor Date	Optimum Moisture (%)	Maximum Dry Density (pcf)	Color / Description	Atterberg Limits		
					Liquid Limit	Plastic Limit	Plasticity Index
2055KV2	03/15/2025	23.0	96.8	Brown / Dark Brown / Clay	43	21	22
2055KV5	03/27/2025	9.2	131.0	Gray / LS Screenings	15	14	1

Specification

Specification No.	Compaction, %	Moisture Band	
		Minimum	Maximum
1	95	-2.0	2.0
2	95		

Location Group: Building Pad 5

Test No.	Depth	Elevation	Location	Wet Density (pcf)	Moisture Content %	Dry Density (pcf)	Proctor Number	Spec. No.	Moisture Deviation	Percent Proctor Density
200	4		center E	133.6	7.9	123.8	2055KV5	1	-1.3	94.5*
201	4		center W	135.9	7.9	125.9	2055KV5	1	-1.3	96.1
202	4		SW	130.0	6.3*	122.3	2055KV5	1	-2.9	93.4*
203	4		NW	122.7	6.5*	115.2	2055KV5	1	-2.7	87.9*
211	4		Retest #200	137.6	9.2	126.0	2055KV5	1	+0.0	96.2
212	4	4	center W	133.6	7.3	124.5	2055KV5	1	-1.9	95.0
213	4		SW	130.5	8.5	120.3	2055KV5	1	-0.7	91.8*
214	4		NW	125.3	7.2	116.9	2055KV5	1	-2.0	89.2*
215	4		NE	129.9	7.2	121.2	2055KV5	1	-2.0	92.5*
216	4		SE	136.8	10.8	123.5	2055KV5	1	+1.6	94.3*
217	4		Retest #216	136.5	9.2	125.0	2055KV5	1	+0.0	95.4
218	4		Retest #218	137.8	9.5	125.8	2055KV5	1	+0.3	96.0
219	4		NE	131.0	7.7	121.6	2055KV5	1	-1.5	92.8*
220	4		Retest #219	117.6	6.7*	110.2	2055KV5	1	-2.5	84.1*
221	4		NW	132.7	8.6	122.2	2055KV5	1	-0.6	93.3*
222	4		SW	131.5	9.6	120.0	2055KV5	1	+0.4	91.6*
223	4		Retest #219	135.0	8.7	124.2	2055KV5	1	-0.5	94.8*

Orig: Cityscape Construction - Tudor, LLC

Attn: Tom Vernizzi (1-ec copy)

1-ec Cityscape Residential, LLC Attn: Tim Mertz

1-ec Cityscape Construction - Tudor, LLC

Attn: Shawn Bartholomew

1-ec Cityscape Construction - Tudor, LLC

Attn: Lyndsey Diffey

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Location Group: Building Pad 5

Test No.	Depth	Elevation	Location	Wet Density (pcf)	Moisture Content %	Dry Density (pcf)	Proctor Number	Spec. No.	Moisture Deviation	Percent Proctor Density
224	4		NW	121.9	7.8	113.1	2055KV5	1	-1.4	86.3*
225	4		Retest #219	133.6	8.2	123.5	2055KV5	1	-1.0	94.3*
226	4		Retest #219	135.9	11.3	122.1	2055KV5	2	+2.1	93.2*
227	4		Retest #221	136.3	10.5	123.4	2055KV5	1	+1.3	94.2*
228	4		SW	135.9	8.3	125.5	2055KV5	1	-0.9	95.8

Location Group: Building Pad 6

Test No.	Depth	Elevation	Location	Wet Density (pcf)	Moisture Content %	Dry Density (pcf)	Proctor Number	Spec. No.	Moisture Deviation	Percent Proctor Density
204	6		SE	124.8	19.1	104.8	2055KV2	2	-3.9	108.3
205	6		SW	122.1	24.3	98.2	2055KV2	2	+1.3	101.5
206	6		center	123.6	24.0	99.7	2055KV2	2	+1.0	103.0
207	6		NW	123.1	21.2	101.6	2055KV2	1	-1.8	105.0
208	6		NE	106.5	26.2	84.4	2055KV2	2	+3.2	87.2*
209	6		Retest #208	107.6	19.6*	90.0	2055KV2	1	-3.4	93.0*
210	6		Retest #208	116.2	25.5	92.6	2055KV2	2	+2.5	95.7

Gauge No.: 31615

Daily Standard Counts: 04/11/2025

DS: 1770

MS: 631

Test Mode: direct trans.

Test Methods: ASTM D2922, D3017

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Respectfully Submitted,

Kaw Valley Engineering


Glenn Schouten, Materials Engineer