



Entech Engineering
505 Elkton Dr.
Colorado Springs, CO 80907
Phone: 719-531-5599

Density of Asphalt

Office:
Glen Development Co
3 Widefield Blvd
Colorado Springs, CO 80911

231853 (231853)
The Glenn at Widefield F12
The Glenn at Widefield F12
Fountain, CO

Test #	Test Date	Test Location	Lift Thickness (inches)	Mix Design	Max Density (pcf)	In Place Density (pcf)	Percent Comp.	MinMax Comp. (%)	Rem. Code	Field Tech	Retest of
50	04/08/2025	Top Lift, Drive Lane: STA 13 + 00 on Lancelleaf Dr., eastbound lane.	2.0	(1/2") GR SX(75) PG 64-22	152.1	141.6	93	92/96	SP	RL	

Remarks

SP : Supplied Density Pass

Comments

Tests are determined using backscatter method.

Joey Goode

04/15/2025

Reviewed by: Joey Goode, PE



Density of Asphalt

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Glen Development Co
3 Widefield Blvd
Colorado Springs, CO 80911

231853 (231853)
The Glenn at Widefield F-12
The Glenn at Widefield F-12
Fountain, CO

Test #	Test Date	Test Location	Lift Thickness (inches)	Mix Design	Max Density (pcf)	In Place Density (pcf)	Percent Comp.	Min/Max Comp. (%)	Rem. Code	Field Tech	Retest Of
37	04/07/2025	Bottom Lift, Drive Lane: STA 13 + 00 on Golden Butts Dr., southbound lane.	2.0	(1 1/2") GR SX(75) PG 64-22	152.1	141.9	93	92/96	SP	RL	
38	04/07/2025	Bottom Lift, Drive Lane: STA 9 + 50 on Golden Butts Dr., southbound lane.	2.0	(1 1/2") GR SX(75) PG 64-22	152.1	140.1	92	92/96	SP	RL	
39	04/07/2025	Bottom Lift, Drive Lane: STA 9 + 50 on Golden Butts Dr., northbound lane.	2.0	(1 1/2") GR SX(75) PG 64-22	152.1	141.8	93	92/96	SP	RL	
40	04/07/2025	Top Lift, Drive Lane: STA 10 + 00 on Golden Butts Dr., southbound lane.	2.0	(1 1/2") GR SX(75) PG 64-22	152.1	140.3	92	92/96	SP	RL	
41	04/07/2025	Top Lift, Drive Lane: STA 10 + 00 on Golden Butts Dr., northbound lane.	2.0	(1 1/2") GR SX(75) PG 64-22	152.1	140.8	93	92/96	SP	RL	
42	04/07/2025	Top Lift, Drive Lane: STA 13 + 50 on Golden Butts Dr., northbound lane.	2.0	(1 1/2") GR SX(75) PG 64-22	152.1	141.7	93	92/96	SP	RL	
43	04/07/2025	Top Lift, Drive Lane: STA 13 + 50 on Golden Butts Dr., southbound lane.	2.0	(1 1/2") GR SX(75) PG 64-22	152.1	141.5	93	92/96	SP	RL	
44	04/08/2025	Top Lift, Drive Lane: STA 1 + 00 on Lancelaf Dr., west side of the cul-de-sac.	2.0	(1 1/2") GR SX(75) PG 64-22	152.1	140.5	92	92/96	SP	RL	
45	04/08/2025	Top Lift, Drive Lane: STA 3 + 00 on Lancelaf Dr., westbound lane.	2.0	(1 1/2") GR SX(75) PG 64-22	152.1	140.2	92	92/96	SP	RL	
46	04/08/2025	Top Lift, Drive Lane: STA 5 + 00 on Lancelaf Dr., eastbound lane.	2.0	(1 1/2") GR SX(75) PG 64-22	152.1	139.7	92	92/96	SP	RL	
47	04/08/2025	Top Lift, Drive Lane: STA 7 + 00 on Lancelaf Dr., westbound lane.	2.0	(1 1/2") GR SX(75) PG 64-22	152.1	142.7	94	92/96	SP	RL	
48	04/08/2025	Top Lift, Drive Lane: STA 9 + 00 on Lancelaf Dr., eastbound lane.	2.0	(1 1/2") GR SX(75) PG 64-22	152.1	140.9	93	92/96	SP	RL	
49	04/08/2025	Top Lift, Drive Lane: STA 11 + 00 on Lancelaf Dr., westbound lane.	2.0	(1 1/2") GR SX(75) PG 64-22	152.1	139.8	92	92/96	SP	RL	



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231853 (231853)
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Fountain, CO

Test #	Test Date	Test Location	Lift Thickness (inches)	Mix Design	Max Density (pcf)	In Place Density (pcf)	Percent Comp.	Min/Max Comp. (%)	Rem. Code	Field Tech	Retest Of
24	03/29/2025	Bottom Lift, Drive Lane: STA 2 + 00 on Dwarf Clover Ct., southbound lane.	2.0	(1 1/2") GR SX(75) PG 64-22	152.1	140.3	92	92/ 96	SP	RL	
25	03/29/2025	Bottom Lift, Drive Lane: STA 1 + 90 on Dwarf Clover Ct., northbound lane.	2.0	(1 1/2") GR SX(75) PG 64-22	152.1	140.2	92	92/ 96	SP	RL	
26	04/07/2025	Bottom Lift, Drive Lane: STA 6 + 50 on Lanceleaf Dr., eastbound lane.	2.0	(1 1/2") GR SX(75) PG 64-22	152.1	140.9	93	92/ 96	SP	RL	
27	04/07/2025	Bottom Lift, Drive Lane: STA 6 + 50 on Lanceleaf Dr., westbound lane.	2.0	(1 1/2") GR SX(75) PG 64-22	152.1	140.8	93	92/ 96	SP	RL	
28	04/07/2025	Bottom Lift, Drive Lane: STA 10 + 00 on Lanceleaf Dr., westbound lane.	2.0	(1 1/2") GR SX(75) PG 64-22	152.1	140.0	92	92/ 96	SP	RL	
29	04/07/2025	Bottom Lift, Drive Lane: STA 10 + 00 on Lanceleaf Dr., westbound lane.	2.0	(1 1/2") GR SX(75) PG 64-22	152.1	139.4	92	92/ 96	SP	RL	
30	04/07/2025	Bottom Lift, Drive Lane: STA 13 + 00 on Lanceleaf Dr., eastbound lane.	2.0	(1 1/2") GR SX(75) PG 64-22	152.1	142.2	93	92/ 96	SP	RL	
31	04/07/2025	Top Lift, Drive Lane: STA 3 + 50 on Lanceleaf Dr., westbound lane.	2.0	(1 1/2") GR SX(75) PG 64-22	152.1	140.0	92	92/ 96	SP	RL	
32	04/07/2025	Top Lift, Drive Lane: STA 3 + 50 on Lanceleaf Dr., eastbound lane.	2.0	(1 1/2") GR SX(75) PG 64-22	152.1	140.2	92	92/ 96	SP	RL	
33	04/07/2025	Top Lift, Drive Lane: STA 2 + 50 on Lanceleaf Dr., middle of eyebrow.	2.0	(1 1/2") GR SX(75) PG 64-22	152.1	141.0	93	92/ 96	SP	RL	
34	04/07/2025	Top Lift, Drive Lane: STA 1 + 50 on Lanceleaf Dr., eastbound lane.	2.0	(1 1/2") GR SX(75) PG 64-22	152.1	139.2	92	92/ 96	SP	RL	
35	04/07/2025	Top Lift, Drive Lane: STA 1 + 50 on Lanceleaf Dr., westbound lane.	2.0	(1 1/2") GR SX(75) PG 64-22	152.1	140.2	92	92/ 96	SP	RL	
36	04/07/2025	Bottom Lift, Drive Lane: STA 13 + 00 on Golden Butts Dr., northbound lane.	2.0	(1 1/2") GR SX(75) PG 64-22	152.1	140.1	92	92/ 96	SP	RL	



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12	03/26/2025	Bottom Lift, Drive Lane: STA 14 + 50 on Golden Buffs Dr., middle of the road (seam).	3.0	(1/2") GR SX(75) PG 64-22	152.1	139.5	92	92/96	SP	RL	
13	03/26/2025	Bottom Lift, Drive Lane: STA 1 + 60 on Ground Cherry Trl., westbound lane.	2.0	(1/2") GR SX(75) PG 64-22	152.1	143.6	94	92/96	SP	RL	
14	03/26/2025	Bottom Lift, Drive Lane: STA 2 + 46 on Ground Cherry Trl., 15' southwest of the manhole in the cul-de-sac.	2.0	(1/2") GR SX(75) PG 64-22	152.1	141.2	93	92/96	SP	RL	
15	03/26/2025	Top Lift, Drive Lane: STA 20 + 00 on Golden Buffs Dr., southbound lane.	2.0	(1/2") GR SX(75) PG 64-22	152.1	144.6	95	92/96	SP	RL	
16	03/26/2025	Top Lift, Drive Lane: STA 20 + 00 on Golden Buffs Dr., northbound lane.	2.0	(1/2") GR SX(75) PG 64-22	152.1	143.4	94	92/96	SP	RL	
17	03/26/2025	Top Lift, Drive Lane: STA 16 + 50 on Golden Buffs Dr., southbound lane.	2.0	(1/2") GR SX(75) PG 64-22	152.1	143.4	94	92/96	SP	RL	
18	03/26/2025	Top Lift, Drive Lane: STA 16 + 50 on Golden Buffs Dr., northbound lane.	2.0	(1/2") GR SX(75) PG 64-22	152.1	144.2	95	92/96	SP	RL	
19	03/29/2025	Top Lift, Drive Lane: STA 1 + 60 on Ground Cherry Trl., eastbound lane.	2.0	(1/2") GR SX(75) PG 64-22	152.1	142.5	94	92/96	SP	RL	
20	03/29/2025	Top Lift, Drive Lane: STA 2 + 50 on Ground Cherry Trl., 30' north of the manhole in the middle of the cul-de-sac.	2.0	(1/2") GR SX(75) PG 64-22	152.1	141.2	93	92/96	SP	RL	
21	03/29/2025	Top Lift, Drive Lane: STA 3 + 89 on Dwarf Clover Ct., 40' west of the manhole in the middle of the cul-de-sac.	2.0	(1/2") GR SX(75) PG 64-22	152.1	141.7	93	92/96	SP	RL	
22	03/29/2025	Top Lift, Drive Lane: STA 3 + 89 on Dwarf Clover Ct., 30' north of the manhole in the middle of the cul-de-sac.	2.0	(1/2") GR SX(75) PG 64-22	152.1	140.9	93	92/96	SP	RL	
23	03/29/2025	Bottom Lift, Drive Lane: STA 2 + 20 on Dwarf Clover Ct., middle of the eyebrow.	2.0	(1/2") GR SX(75) PG 64-22	152.1	142.2	93	92/96	SP	RL	



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Test Results

Test #	Test Date	Test Location	Lift Thickness (inches)	Mix Design	Max Density (pcf)	In Place Density (pcf)	Percent Comp.	Min/Max Comp. (%)	Rem. Code	Field Tech	Retest Of
1	03/25/2025	Bottom Lift, Drive Lane: STA 1 + 00 on Lancelleaf Dr., 20' west of the manhole in the cul-de-sac.	2.0	(1 1/2") GR SX(75) PG 64-22	152.1	142.4	94	92/96	SP	RL	
2	03/25/2025	Bottom Lift, Drive Lane: STA 1 + 00 on Lancelleaf Dr., 20' east of the manhole in the cul-de-sac.	2.0	(1 1/2") GR SX(75) PG 64-22	152.1	141.7	93	92/96	SP	RL	
3	03/25/2025	Bottom Lift, Drive Lane: STA 4 + 00 on Lancelleaf Dr., westbound lane.	2.0	(1 1/2") GR SX(75) PG 64-22	152.1	143.1	94	92/96	SP	RL	
4	03/25/2025	Bottom Lift, Drive Lane: STA 4 + 00 on Lancelleaf Dr., eastbound lane.	2.0	(1 1/2") GR SX(75) PG 64-22	152.1	142.9	94	92/96	SP	RL	
5	03/26/2025	Bottom Lift, Drive Lane: STA 20 + 00 on Golden Buffs Dr., northbound lane.	3.0	(1 1/2") GR SX(75) PG 64-22	152.1	142.1	93	92/96	SP	RL	
6	03/26/2025	Bottom Lift, Drive Lane: STA 20 + 00 on Golden Buffs Dr., middle of the road (seam).	3.0	(1 1/2") GR SX(75) PG 64-22	152.1	140.1	92	92/96	SP	RL	
7	03/26/2025	Bottom Lift, Drive Lane: STA 20 + 00 on Golden Buffs Dr., southbound lane.	3.0	(1 1/2") GR SX(75) PG 64-22	152.1	141.9	93	92/96	SP	RL	
8	03/26/2025	Bottom Lift, Drive Lane: STA 16 + 00 on Golden Buffs Dr., southbound lane.	3.0	(1 1/2") GR SX(75) PG 64-22	152.1	143.6	94	92/96	SP	RL	
9	03/26/2025	Bottom Lift, Drive Lane: STA 16 + 00 on Golden Buffs Dr., northbound lane.	3.0	(1 1/2") GR SX(75) PG 64-22	152.1	143.7	94	92/96	SP	RL	
10	03/26/2025	Bottom Lift, Drive Lane: STA 14 + 50 on Golden Buffs Dr., northbound lane.	3.0	(1 1/2") GR SX(75) PG 64-22	152.1	142.9	94	92/96	SP	RL	
11	03/26/2025	Bottom Lift, Drive Lane: STA 14 + 50 on Golden Buffs Dr., southbound lane.	3.0	(1 1/2") GR SX(75) PG 64-22	152.1	141.7	93	92/96	SP	RL	



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Soil Density Report

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231853 (231853)
The Glen at Widefield F12
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Proctor Data

Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)
P1	ASTM D698 - A	CL	16	110.9
P2	ASTM D698 - A	CL	14.7	110.8

Joey Goode

06/24/2024

Reviewed by: Joey Goode, PE



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Test Results

Subject / Overall Test #	Test Location	Elevation (feet)	Reference	Test Date	Proctor ID	In Place Moist. (%)	In Place Dry Density (pcf)	Percent Comp.	Min Comp. (%)	Opt. Moisture Tolerance (%)	Rem. Code	Retest Of	Field Tech
26 /133	Curb & Gutter: 45' south of the southwest corner of the intersection at Golden Buffs Dr. & Dwarf Clover Ct., crossspan.	-	Below Grade	06/10/2024	P1	17.3	107.7	97	95	-1/3	DPMP		RL
27 /134	Curb & Gutter: At the southwest corner of the intersection of Dwarf Clover Ct. & Golden Buffs Dr.	-	At Grade	06/12/2024	P2	15.1	108.5	98	95	-1/3	DPMP		RL
28 /135	Curb & Gutter: At the southeast corner of the intersection of Dwarf Clover Ct. & Golden Buffs Dr.	-	At Grade	06/12/2024	P2	13.7	111.3	101	95	-1/3	DPMP		RL
29 /136	Curb & Gutter: Southwest corner of the intersection at Golden Buffs Dr. & Lanceleaf Dr.	-	At Grade	06/17/2024	P2	15.8	106.2	96	95	-1/3	DPMP		RL
30 /137	Curb & Gutter: Northwest corner of the intersection at Golden Buffs Dr. & Lanceleaf Dr.	-	At Grade	06/17/2024	P2	16.1	108.6	98	95	-1/3	DPMP		RL
31 /138	Curb & Gutter: 30' east of the southwest corner of the intersection at Golden Buffs Dr. & Lanceleaf Dr., crossspan.	-	Below Grade	06/18/2024	P2	15.5	107.4	97	95	-1/3	DPMP		RL
32 /139	Curb & Gutter: 30' east of the northwest corner of the intersection at Golden Buffs Dr. & Lanceleaf Dr., crossspan.	-	Below Grade	06/18/2024	P2	14.7	109.1	99	95	-1/3	DPMP		RL
33 /140	Curb & Gutter: Southwest corner of the intersection at Golden Buffs Dr. & Ground Cherry Ct.	-	At Grade	06/19/2024	P2	16.1	108.3	98	95	-1/3	DPMP		RL
34 /141	Curb & Gutter: Northwest corner of the intersection at Ground Cherry Ct. & Golden Buffs Dr.	-	Below Grade	06/20/2024	P2	16.2	105.8	96	95	-1/3	DPMP		RL

Remarks

DPMP : Density Pass / Moisture Pass

Comments

Tests are "Direct Transmission" (Method A). Gauge calibration data on file with the testing Agency.



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Proctor Data

Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)
P1	ASTM D698 - A	CL	16	110.9
P2	ASTM D698 - A	CL	14.7	110.8

Joey Goode

06/20/2024

Reviewed by: Joey Goode, PE



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Subject / Overall Test #	Test Location	Elevation (feet)	Reference	Test Date	Proctor D	In Place Moist. (%)	In Place Dry Density (pcf)	Percent Comp.	Min Comp. (%)	Opt. Moisture Tolerance (%)	Rem. Code	Retest Of	Field Tech
15 /122	Curb & Gutter: 50' south of the southwest corner of the intersection at Dwarf Clover Ct. & Golden Buffs Dr.	-	At Grade	06/07/2024	P2	17.4	105.9	96	95	-1/3	DPMP		RL
16 /123	Curb & Gutter: STA 9+50 on Golden Buffs Dr. on the north side of the road.	-	At Grade	06/04/2024	P2	16.1	108.2	98	95	-1/3	DPMP		RL
17 /124	Curb & Gutter: STA 10+00 on Golden Buffs Dr. on the north side of the road.	-	At Grade	06/04/2024	P2	16.4	107.7	97	95	-1/3	DPMP		RL
18 /125	Curb & Gutter: STA 12+50 on Golden Buffs Dr. on the north side of the road.	-	At Grade	06/04/2024	P2	16.1	108.1	98	95	-1/3	DPMP		RL
19 /126	Curb & Gutter: STA 5+50 on Lanceleaf Dr. on the north side of the road.	-	At Grade	06/04/2024	P2	17.0	106.7	96	95	-1/3	DPMP		RL
20 /127	Curb & Gutter: STA 3+50 on Lanceleaf Dr. on the south side of the road.	-	At Grade	06/04/2024	P2	16.9	108.2	98	95	-1/3	DPMP		RL
21 /128	Curb & Gutter: STA 1+50 on Lanceleaf Dr. on the north side of the road.	-	At Grade	06/04/2024	P2	14.8	110.2	100	95	-1/3	DPMP		RL
22 /129	Curb & Gutter: STA 15+00 on Golden Buffs Dr. on the north side of the road.	-	At Grade	06/04/2024	P2	15.5	107.8	97	95	-1/3	DPMP		RL
23 /130	Curb & Gutter: STA 17+00 on Golden Buffs Dr. on the north side of the road.	-	At Grade	06/04/2024	P2	16.6	108.6	98	95	-1/3	DPMP		RL
24 /131	Curb & Gutter: 50' north of the southwest corner of the intersection at Ground Cherry Trl. and Golden Buffs Dr.	-	At Grade	06/04/2024	P2	17.1	104.9	95	95	-1/3	DPMP		RL
25 /132	Curb & Gutter: 35' east of the manhole at the center of the cul-de-sac at Ground Cherry Trl.	-	At Grade	06/04/2024	P2	17.3	105.5	95	95	-1/3	DPMP		RL

Remarks

DPMP : Density Pass / Moisture Pass

Comments

Tests are "Direct Transmission" (Method A). Gauge calibration data on file with the testing Agency.



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1 /108	Curb & Gutter: Lot 84, north side of Lanceleaf Dr.	-	At Grade	06/05/2024	P1	15.9	108.2	98	95	-1/3	DPMP		BW
2 /109	Curb & Gutter: Lot 61, south side of Lanceleaf Dr.	-	At Grade	06/05/2024	P1	15.0	107.3	97	95	-1/3	DPMP		BW
3 /110	Curb & Gutter: STA 20+00 on Golden Buffs Dr. on the south side of the road.	-	At Grade	06/03/2024	P2	15.5	104.8	95	95	-1/3	DPMP		RL
4 /111	Curb & Gutter: STA 18+00 on Golden Buffs Dr. on the south side of the road.	-	At Grade	06/03/2024	P2	15.9	108.6	98	95	-1/3	DPMP		RL
5 /112	Curb & Gutter: STA 16+00 on Golden Buffs Dr. on the south side of the road.	-	At Grade	06/03/2024	P2	16.3	107.7	97	95	-1/3	DPMP		RL
6 /113	Curb & Gutter: STA 14+00 on Golden Buffs Dr. on the south side of the road.	-	At Grade	06/03/2024	P2	14.6	109.6	99	95	-1/3	DPMP		RL
7 /114	Curb & Gutter: STA 12+00 on Golden Buffs Dr. on the south side of the road.	-	At Grade	06/03/2024	P2	16.4	107.3	97	95	-1/3	DPMP		RL
8 /115	Curb & Gutter: STA 7+00 on Lanceleaf Dr. on the north side of the road.	-	At Grade	06/03/2024	P2	17.0	106.4	96	95	-1/3	DPMP		RL
9 /116	Curb & Gutter: STA 9+00 on Lanceleaf Dr. on the north side of the road.	-	At Grade	06/03/2024	P2	14.6	111.3	101	95	-1/3	DPMP		RL
10 /117	Curb & Gutter: STA 11+00 on Lanceleaf Dr. on the north side of the road.	-	At Grade	06/03/2024	P2	15.8	108.0	98	95	-1/3	DPMP		RL
11 /118	Curb & Gutter: STA 12+00 on Lanceleaf Dr. on the south side of the road.	-	At Grade	06/03/2024	P2	15.6	107.4	97	95	-1/3	DPMP		RL
12 /119	Curb & Gutter: STA 10+00 on Lanceleaf Dr. on the south side of the road.	-	At Grade	06/03/2024	P2	15.1	110.0	99	95	-1/3	DPMP		RL
13 /120	Curb & Gutter: STA 8+00 on Lanceleaf Dr. on the south side of the road.	-	At Grade	06/03/2024	P2	14.6	109.2	99	95	-1/3	DPMP		RL
14 /121	Curb & Gutter: 100' south of the southwest corner of the intersection of Dwarf Clover Ct. and Golden Buffs Dr.	-	At Grade	06/04/2024	P2	16.7	107.3	97	95	-1/3	DPMP		RL



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Subject / Overall Test #	Test Location	Elevation (feet)	Reference	Test Date	Proctor D	In Place Moist. (%)	In Place Dry Density (pcf)	Percent Comp.	Min Comp. (%)	Opt. Moisture Tolerance (%)	Rem. Code	Retest Of	Field Tech
19 /158	Electric/Gas: STA 15 + 00 on Golden Butts Dr., 10' from the east curb line.	-	At Grade	09/17/2024	P2	14.5	110.1	99	95	-1/3	DPMP		RL
20 /159	Electric/Gas: STA 7 + 50 on Lancelleaf Dr., 10' from the south curb line.	-	At Grade	09/17/2024	P2	13.8	107.8	97	95	-1/3	DPMP		RL
21 /160	Electric/Gas: STA 10 + 00 on Lancelleaf Dr., 10' from the south curb line.	-	At Grade	09/17/2024	P2	15.6	107.9	97	95	-1/3	DPMP		RL
22 /161	Electric/Gas: STA 12 + 00 on Lancelleaf Dr., 10' from the north curb line.	-	At Grade	09/18/2024	P2	14.6	108.2	98	95	-1/3	DPMP		RL
23 /162	Electric/Gas: STA 9 + 50 on Lancelleaf Dr., 10' from the north curb line.	-	At Grade	09/18/2024	P2	14.3	110.9	100	95	-1/3	DPMP		RL

Remarks

DP/MP : Density Pass / Moisture Pass

Comments

Tests are "Direct Transmission" (Method A). Gauge calibration data on file with the testing Agency.

Proctor Data

Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)
P2	ASTM D698 - A	CL	14.7	110.8

Joey Goode

10/05/2024

Reviewed by: Joey Goode, PE



Soil Density Report

Entech Engineering
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Glen Development Co
3 Widefield Blvd
Colorado Springs, CO 80911

231853 (231853)
The Glen at Widefield F12
The Glen at Widefield F12
Fountain, CO

Subject / Overall Test #	Test Location	Elevation (feet)	Reference	Test Date	Proctor ID	In Place Moist. (%)	In Place Dry Density (pcf)	Percent Comp.	Min Comp. (%)	Opt. Moisture Tolerance (%)	Rem. Code	Retest Of	Field Tech
17 /156	Electric/Gas: STA 1 + 50 on Dwarf Clover Ct. 10' from the west curb line.	-	At Grade	09/10/2024	P2	15.6	107.7	97	95	-1/3	DPMP		RL
18 /157	Electric/Gas: STA 2 + 00 on Dwarf Clover Ct. 10' from the west curb line.	-	At Grade	09/10/2024	P2	13.7	109.2	99	95	-1/3	DPMP		RL

Remarks

DP/MP : Density Pass / Moisture Pass

Comments

Tests are "Direct Transmission" (Method A). Gauge calibration data on file with the testing Agency.

Proctor Data

Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)
P1	ASTM D698 -A	CL	16	110.9
P2	ASTM D698 -A	CL	14.7	110.8

Joey Goode

09/14/2024

Reviewed by: Joey Goode, PE



Soil Density Report

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231853 (231853)
The Glen at Widefield F12
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Fountain, CO

Test Results

Subject / Overall Test #	Test Location	Elevation (feet)	Reference	Test Date	Proctor ID	In Place Moist. (%)	In Place Dry Density (pcf)	Percent Comp.	Min. Comp. (%)	Opt. Moisture Tolerance (%)	Rem. Code	Retest Of	Field Tech
3 /142	Electric/Gas: 8' south & 15' west of the southeast corner of Pennycrest Dr. & Ground Cherry Trl.	-	At Grade	08/29/2024	P1	17.0	105.3	95	95	-1/3	DFMP		RL
4 /143	Electric/Gas: 8' south & 100' east of the southeast corner of the Pennycrest Dr. & Ground Cherry Trl.	-	At Grade	08/29/2024	P1	18.9	104.8	95	95	-1/3	DFMP		RL
5 /144	Electric/Gas: In front of Lot 9 on Ground Cherry Ct.	-	At Grade	09/03/2024	P2	15.0	109.3	99	95	-1/3	DFMP		RL
6 /145	Electric/Gas: In front of Lot 12 on Ground Cherry Ct.	-	At Grade	09/03/2024	P2	14.4	111.9	101	95	-1/3	DFMP		RL
7 /146	Electric/Gas: Main, STA 16 + 00 on Golden Butts Dr.	-	At Grade	09/04/2024	P2	14.6	109.9	99	95	-1/3	DFMP		RL
8 /147	Electric/Gas: STA 6 + 00 on Lanceleaf Dr., 10' from the north curb line.	-	At Grade	09/06/2024	P2	15.3	107.3	97	95	-1/3	DFMP		RL
9 /148	Electric/Gas: STA 4 + 00 on Lanceleaf Dr., 10' from the north curb line.	-	At Grade	09/06/2024	P2	14.0	108.8	98	95	-1/3	DFMP		RL
10 /149	Electric/Gas: STA 2 + 00 on Lanceleaf Dr., 10' from the north curb line.	-	At Grade	09/06/2024	P2	15.3	104.7	95	95	-1/3	DFMP		RL
11 /150	Electric/Gas: STA 0 + 00 on Lanceleaf Dr., 10' from the north curb line, end of cul-de-sac.	-	At Grade	09/06/2024	P2	13.9	110.2	100	95	-1/3	DFMP		RL
12 /151	Electric/Gas: STA 2 + 00 on Lanceleaf Dr., 10' from the south curb line.	-	At Grade	09/07/2024	P2	14.3	107.6	97	95	-1/3	DFMP		RL
13 /152	Electric/Gas: STA 4 + 00 on Lanceleaf Dr., 10' from the south curb line.	-	At Grade	09/07/2024	P2	14.3	107.3	97	95	-1/3	DFMP		RL
14 /153	Electric/Gas: STA 6 + 00 on Lanceleaf Dr., 10' from the south curb line.	-	At Grade	09/07/2024	P2	15.6	105.4	95	95	-1/3	DFMP		RL
15 /154	Electric/Gas: STA 12 + 00 on Golden Butts Dr., 10' from the north curb line.	-	At Grade	09/10/2024	P2	13.9	108.6	98	95	-1/3	DFMP		RL
16 /155	Electric/Gas: STA 10 + 00 on Golden Butts Dr., 10' from the north curb line.	-	At Grade	09/10/2024	P2	14.5	110.1	99	95	-1/3	DFMP		RL



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Soil Density Report

Glenn Development Co
3 Widefield Blvd
Colorado Springs, CO 80911

231853 (231853)
The Glenn at Widefield F12
The Glenn at Widefield F12
Fountain, CO

*Free placing soil on
onsite*

Test Results

Subject / Overall Test #	Test Location	Elevation (feet)	Reference	Test Date	Proctor D	In Place Moist. (%)	In Place Dry Density (pcf)	Percent Comp.	Min Comp. (%)	Opt. Moisture Tolerance (%)	Rem. Code	Retest Or	Field Tech
1 /170	Overlot Lot 53 on Lancelaf Dr.	2	Below Grade	02/27/2025	F6	14.3	103.0	100	95	-1/3	DPMP		KH
2 /171	Overlot Lot 54 on Lancelaf Dr.	1	Below Grade	02/27/2025	F6	14.5	99.6	97	95	-1/3	DPMP		KH
3 /172	Overlot Lot 55 on Lancelaf Dr.	1	Below Grade	02/27/2025	F6	15.1	103.1	100	95	-1/3	DPMP		KH
4 /173	Overlot Lot 57 on Lancelaf Dr.	1	Below Grade	02/27/2025	F6	14.6	102.4	99	95	-1/3	DPMP		KH

Remarks

DP/MP : Density Pass / Moisture Pass

Comments

Tests are "Direct Transmission" (Method A). Gauge calibration data on file with the testing Agency.

Proctor Data

Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)
F6	ASTM D698 - A	CL	15.1	103.2

Joey Goode

03/10/2025
Reviewed by: Joey Goode, PE



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Soil Density Report

Glen Development Co
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231853 (231853)
The Glenn at Widefield F-12
The Glenn at Widefield F-12
Fountain, CO

DP/M/P : Density Pass / Moisture Pass

Tests are "Direct Transmission" (Method A). Gauge calibration data on file with the testing Agency.

Proctor Data

Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)
P7	ASTM D698 - A	CL	14.7	110.8
P6	ASTM D698 - A	CL	15.1	103.2
P1	ASTM D698 - A	CL	16	110.9

03/23/2025
Reviewed by: Joey Goode, PE

Test Results

Subject / Overall Test #	Test Location	Elevation (feet)	Reference	Test Date	Proctor ID	In Place Moist. (%)	In Place Dry Density (pcf)	Percent Comp.	Min. Comp. (%)	Opt. Moisture Tolerance (%)	Rem. Code	Retest Of	Field Tech
37 /208	Roadway Subgrade: ABC, STA 12 + 00 on Lanceleaf Dr., westbound lane.	-	At Grade	04/04/2025	P4	5.3	134.1	96	95	-2 / 2	DPMP		RL
38 /209	Roadway Subgrade: ABC, STA 10 + 00 on Lanceleaf Dr., eastbound lane.	-	At Grade	04/04/2025	P4	3.8	137.3	98	95	-2 / 2	DPMP		RL
39 /210	Roadway Subgrade: ABC, STA 8 + 00 on Lanceleaf Dr., westbound lane.	-	At Grade	04/04/2025	P4	4.8	134.1	96	95	-2 / 2	DPMP		RL
40 /211	Roadway Subgrade: ABC, STA 6 + 25 on Lanceleaf Dr., eastbound lane.	-	At Grade	04/04/2025	P4	4.1	134.4	96	95	-2 / 2	DPMP		RL

Remarks

DP/MP : Density Pass / Moisture Pass

Comments

Tests are "Direct Transmission" (Method A). Gauge calibration data on file with the testing Agency.

Proctor Data

Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)
P4	ASTM D1557 - C	ClS 6 ABC	5.7	140.3

Joe Goode

04/13/2025
Reviewed by: Joey Goode, PE



Soil Density Report

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Glen Development Co
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231853 (231853)
The Glenn at Widefield F-12
The Glenn at Widefield F-12
Fountain, CO

Subject / Overall Test #	Test Location	Elevation (feet)	Reference	Test Date	Proctor D	In Place Moist. (%)	In Place Dry Density (pcf)	Percent Comp.	Min Comp. (%)	Opt. Moisture Tolerance (%)	Rem. Code	Retest Of	Field Tech
31 /202	Roadway Subgrade: ABC, STA 2 + 75 on Dwarf Clover Ct., southbound lane.	-	At Grade	03/29/2025	P4	4.0	139.1	99	95	-2/2	DPMP		RL
32 /203	Roadway Subgrade: ABC, STA 1 + 80 on Dwarf Clover Ct., northbound lane.	-	At Grade	03/29/2025	P4	3.9	133.2	95	95	-2/2	DPMP		RL
33 /204	Roadway Subgrade: ABC, STA 12 + 50 on Golden Butts Dr., northbound lane.	-	At Grade	03/29/2025	P4	5.3	134.3	96	95	-2/2	DPMP		RL
34 /205	Roadway Subgrade: ABC, STA 12 + 50 on Golden Butts Dr., southbound lane.	-	At Grade	03/29/2025	P4	5.5	133.0	95	95	-2/2	DPMP		RL
35 /206	Roadway Subgrade: ABC, STA 9 + 50 on Golden Butts Dr., southbound lane.	-	At Grade	03/29/2025	P4	3.8	134.0	96	95	-2/2	DPMP		RL
36 /207	Roadway Subgrade: ABC, STA 9 + 50 on Golden Butts Dr., northbound lane.	-	At Grade	03/29/2025	P4	5.7	135.5	97	95	-2/2	DPMP		RL

Remarks

DPMP: Density Pass / Moisture Pass

Comments

Tests are "Direct Transmission" (Method A). Gauge calibration data on file with the testing Agency.

Proctor Data

Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)
P4	ASTM D1557 - C	Cl's 6 ABC	5.7	140.3

Joey Goode

04/02/2025

Reviewed by: Joey Goode, PE

Test Results

Subject / Overall Test #	Test Location	Elevation (feet)	Reference	Test Date	Proctor D	In Place Moist. (%)	In Place Density (pcf)	Percent Comp.	Min Comp. (%)	Opt. Moisture Tolerance (%)	Rem. Code	Retest Of	Field Tech
18 /188	Roadway Subgrade: ABC, STA 1 + 00 on Lancelleaf Dr., 10' east of the manhole in the cul-de-sac.	-	At Grade	03/25/2025	P4	3.7	136.3	97	95	-2 / 2	DPMP		RL
19 /189	Roadway Subgrade: ABC, STA 1 + 00 on Lancelleaf Dr., 25' west of the manhole in the cul-de-sac.	-	At Grade	03/25/2025	P4	4.0	136.8	98	95	-2 / 2	DPMP		RL
20 /190	Roadway Subgrade: ABC, STA 4 + 00 on Lancelleaf Dr., eastbound lane.	-	At Grade	03/25/2025	P4	4.4	135.8	97	95	-2 / 2	DPMP		RL
21 /191	Roadway Subgrade: ABC, STA 4 + 00 on Lancelleaf Dr., westbound lane.	-	At Grade	03/25/2025	P4	4.1	138.1	98	95	-2 / 2	DPMP		RL
22 /192	Roadway Subgrade: ABC, STA 6 + 00 on Lancelleaf Dr., westbound lane.	-	At Grade	03/25/2025	P4	4.3	136.5	97	95	-2 / 2	DPMP		RL
23 /193	Roadway Subgrade: ABC, STA 6 + 00 on Lancelleaf Dr., eastbound lane.	-	At Grade	03/25/2025	P4	4.4	137.4	98	95	-2 / 2	DPMP		RL
24 /195	Roadway Subgrade: ABC, STA 20 + 00 on Golden Bufts Dr., northbound lane.	-	At Grade	03/26/2025	P4	6.1	136.2	97	95	-2 / 2	DPMP		RL
25 /196	Roadway Subgrade: ABC, STA 20 + 00 on Golden Bufts Dr., southbound lane.	-	At Grade	03/26/2025	P4	6.3	132.8	95	95	-2 / 2	DPMP		RL
26 /197	Roadway Subgrade: ABC, STA 16 + 00 on Golden Bufts Dr., southbound lane.	-	At Grade	03/26/2025	P4	5.3	136.8	98	95	-2 / 2	DPMP		RL
27 /198	Roadway Subgrade: ABC, STA 16 + 00 on Golden Bufts Dr., northbound lane.	-	At Grade	03/26/2025	P4	6.5	133.7	95	95	-2 / 2	DPMP		RL
28 /199	Roadway Subgrade: ABC, STA 1 + 75 on Golden Bufts Dr., eastbound lane.	-	At Grade	03/26/2025	P4	4.6	137.4	98	95	-2 / 2	DPMP		RL
29 /200	Roadway Subgrade: ABC, STA 1 + 75 on Golden Bufts Dr., westbound lane.	-	At Grade	03/26/2025	P4	4.9	136.8	98	95	-2 / 2	DPMP		RL
30 /201	Roadway Subgrade: ABC, STA 3 + 90 on Dwarf Clover Ct., 25' north of the manhole in the middle of the cul-de-sac.	-	At Grade	03/29/2025	P4	5.0	134.5	96	95	-2 / 2	DPMP		RL



Soil Density Report

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231853 (231853)
The Glenn at Widefield F12
The Glenn at Widefield F12
Fountain, CO

Test Results

Subject / Overall Test #	Test Location	Elevation (feet)	Reference	Test Date	Proctor D	In Place Moist. (%)	In Place Dry Density (pcf)	Percent Comp.	Min. Comp. (%)	Opt. Moisture Tolerance (%)	Rem. Code	Relest Of	Field Tech
5 /174	Overlot: Lot 49 on Dwarf Clover Ct., back of the lot.	2	Below Grade	03/13/2025	P7	15.6	107.9	97	95	-1 / 3	DPMP		KH
6 /175	Overlot: Lot 47 on Dwarf Clover Ct., back of the lot.	1	Below Grade	03/13/2025	P6	16.0	97.6	95	95	-1 / 3	DPMP		KH
7 /176	Overlot: Lot 45 on Dwarf Clover Ct., back of the lot.	2	Below Grade	03/13/2025	P6	18.0	101.9	99	95	-1 / 3	DPMP		KH
8 /177	Overlot: Lot 43 on Dwarf Clover Ct., back of the lot.	1	Below Grade	03/13/2025	P6	18.0	102.2	99	95	-1 / 3	DPMP		KH
8 /178	Roadway Subgrade: STA 11 + 00 on Lanceleaf Dr., westbound lane.	-	At Grade	03/18/2025	P1	15.2	108.8	98	95	-1 / 3	DPMP		RL
9 /179	Roadway Subgrade: STA 11 + 00 on Lanceleaf Dr., eastbound lane.	-	At Grade	03/18/2025	P1	15.4	105.6	95	95	-1 / 3	DPMP		RL
10 /180	Roadway Subgrade: STA 8 + 50 on Lanceleaf Dr., westbound lane.	-	At Grade	03/18/2025	P1	15.9	109.9	99	95	-1 / 3	DPMP		RL
11 /181	Roadway Subgrade: STA 8 + 50 on Lanceleaf Dr., eastbound lane.	-	At Grade	03/18/2025	P1	16.6	107.4	97	95	-1 / 3	DPMP		RL
12 /182	Roadway Subgrade: STA 18 + 50 on Golden Bufts Dr., eastbound lane.	-	At Grade	03/18/2025	P1	15.7	108.3	98	95	-1 / 3	DPMP		RL
13 /183	Roadway Subgrade: STA 18 + 50 on Golden Bufts Dr., westbound lane.	-	At Grade	03/18/2025	P1	16.3	106.6	96	95	-1 / 3	DPMP		RL
14 /184	Roadway Subgrade: STA 20 + 50 on Golden Bufts Dr., eastbound lane.	-	At Grade	03/18/2025	P1	16.8	107.3	97	95	-1 / 3	DPMP		RL
15 /185	Roadway Subgrade: STA 20 + 50 on Golden Bufts Dr., westbound lane.	-	At Grade	03/18/2025	P1	16.1	107.3	97	95	-1 / 3	DPMP		RL
16 /186	Roadway Subgrade: STA 1 + 50 on Ground Cherry Trl., northbound lane.	-	At Grade	03/18/2025	P1	16.2	106.7	96	95	-1 / 3	DPMP		RL
17 /187	Roadway Subgrade: STA 1 + 50 on Ground Cherry Trl., southbound lane.	-	At Grade	03/18/2025	P1	15.6	105.8	95	95	-1 / 3	DPMP		RL

Remarks

Comments

Entech Engineering
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Phone: 719-531-5599**Test Results**

Subject / Overall Test #	Test Location	Elevation (feet)	Reference	Test Date	Proctor ID	In Place Moist. (%)	In Place Dry Density (pcf)	Percent Comp.	Min Comp. (%)	Opt. Moisture Tolerance (%)	Rem. Code	Retest Of	Field Tech
1 /163	Roadway Subgrade: STA 0 + 50 on Dwarf Clover Ct, northbound lane.	-	At Grade	12/04/2024	P1	16.6	110.6	100	95	-1 / 3	DPMP		RL
2 /164	Roadway Subgrade: Dwarf Clover Ct, southbound lane, 250' from Golden Butts Dr.	-	At Grade	12/04/2024	P1	17.0	110.4	100	95	-1 / 3	DPMP		RL
3 /165	Roadway Subgrade: STA 1 + 00 on Lanceleaf Dr.	-	At Grade	12/06/2024	P2	14.9	112.1	101	95	-1 / 3	DPMP		RL
4 /166	Roadway Subgrade: STA 3 + 00 on Lanceleaf Dr., northbound lane.	-	At Grade	12/06/2024	P2	14.0	113.1	102	95	-1 / 3	DPMP		RL
5 /167	Roadway Subgrade: STA 5 + 00 on Lanceleaf Dr., southbound lane.	-	At Grade	12/06/2024	P2	16.1	110.1	99	95	-1 / 3	DPMP		RL
6 /168	Roadway Subgrade: STA 14 + 00 on Golden Butts Dr., southbound lane.	-	At Grade	12/06/2024	P1	16.2	115.8	104	95	-1 / 3	DPMP		RL
7 /169	Roadway Subgrade: STA 16 + 00 on Golden Butts Dr., northbound lane.	-	At Grade	12/06/2024	P2	15.0	112.0	101	95	-1 / 3	DPMP		RL

Remarks

DPMP: Density Pass / Moisture Pass

Comments

Tests are "Direct Transmission" (Method A). Gauge calibration

Proctor Data

Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)
P1	ASTM D698 - A	CL	16	110.9
P2	ASTM D698 - A	CL	14.7	110.8

12/11/24
DPMP



Soil Density Report

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Client:
Glen Development Co
3 Widefield Blvd
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Project:
231853 (231853)
Glen at Widefield F12
Glen at Widefield F12
Fountain, CO

Test Results

Subject / Overall Test #	Test Location	Elevation (feet)	Reference	Test Date	Proctor ID	In Place Moist. (%)	In Place Dry Density (pcf)	Percent Comp.	Min Comp. (%)	Opt. Moisture Tolerance (%)	Rem. Code	Retest Or	Field Tech
1 / 61	Electric/Gas Main, STA 28 + 00 on Pennycrest Drive. <i>Glen II</i>	1	Below Grade	02/08/2024	P3	19.2	104.6	96.9	95	-1 / 3	DPMP		RL
2 / 62	Electric/Gas Main, STA 27 + 90 on Pennycrest Drive. <i>Glen II</i>	-	At Grade	02/08/2024	P1	17.4	110.4	99.5	95	-1 / 3	DPMP		RL
58 / 63	Sanitary Sewer Main, STA 9 + 50 on Golden Bufts Drive.	-	At Grade	02/08/2024	P3	18.2	108.3	100.3	95	-1 / 3	DPMP		RL
59 / 64	Sanitary Sewer Main, STA 9 + 20 on Golden Bufts Drive.	8	Below Grade	02/07/2024	P3	18.2	105.4	97.6	95	-1 / 3	DPMP		RL
60 / 65	Sanitary Sewer Main, STA 3 + 90 on Dwarf Clover Court, 15' south, next to the manhole.	4	Below Grade	02/15/2024	P2	15.2	105.5	95.2	95	-1 / 3	DPMP		RL
61 / 66	Sanitary Sewer Main, STA 2 + 75, 15' south of Dwarf Clover Court.	-	At Grade	02/15/2024	P2	15.2	105.0	94.8	95	-1 / 3	DPMP		RL

Remarks

DP/M/P : Density Pass / Moisture Pass

Comments

Tests are "Direct Transmission" (Method A). Gauge calibration data on file with the testing Agency.

Proctor Data

Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)
P3	ASTM D698 - A	CL	15.2	108
P1	ASTM D698 - A	CL	16	110.9
P2	ASTM D698 - A	CL	14.7	110.8

Joey Goode

02/19/2024

Reviewed by: Joey Goode, PE



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Soil Density Report

Glen Development Co
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231853 (231853)
Glen at Widefield F12
Glen at Widefield F12
Fountain, CO

Proctor Data

Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)
P3	ASTM D698 - A	CL	15.2	108

Joey Goode

02/14/2024

Reviewed by: Joey Goode, PE



Soil Density Report

CLIENT:

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231853 (231853)
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Test Results

Subject / Overall Test #	Test Location	Elevation (feet)	Reference	Test Date	Proctor D	In Place Moist. (%)	In Place Dry Density (pcf)	Percent Comp.	Min Comp. (%)	Opt. Moisture Tolerance (%)	Rem. Code	Retest Of	Field Tech
45 / 48	Sanitary Sewer: Service, Lot # 19 on Lanceleaf Drive.	-	At Grade	02/01/2024	P3	15.5	106.9	99.0	95	-1 / 3	DFMP		RL
46 / 49	Sanitary Sewer: Service, Lot # 20 on Lanceleaf Drive.	-	At Grade	02/01/2024	P3	15.8	108.3	100.3	95	-1 / 3	DFMP		RL
47 / 50	Sanitary Sewer: Service, Lot # 21 on Lanceleaf Drive.	-	At Grade	02/01/2024	P3	16.4	106.6	98.7	95	-1 / 3	DFMP		RL
48 / 51	Sanitary Sewer: Service, Lot # 22 on Lanceleaf Drive.	-	At Grade	02/01/2024	P3	16.6	102.6	95.0	95	-1 / 3	DFMP		RL
49 / 52	Sanitary Sewer: Service, Lot # 23 on Lanceleaf Drive.	-	At Grade	02/01/2024	P3	16.4	109.5	101.4	95	-1 / 3	DFMP		RL
50 / 53	Sanitary Sewer: Service, Lot # 24 on Lanceleaf Drive.	-	At Grade	02/01/2024	P3	17.1	108.9	100.8	95	-1 / 3	DFMP		RL
51 / 54	Sanitary Sewer: Service, Lot # 25 on Lanceleaf Drive.	-	At Grade	02/01/2024	P3	14.8	110.6	102.4	95	-1 / 3	DFMP		RL
52 / 55	Sanitary Sewer: Service, Lot # 26 on Lanceleaf Drive.	-	At Grade	02/01/2024	P3	15.5	111.6	103.3	95	-1 / 3	DFMP		RL
53 / 56	Sanitary Sewer: Service, Lot # 27 on Lanceleaf Drive.	-	At Grade	02/01/2024	P3	16.6	108.4	100.4	95	-1 / 3	DFMP		RL
54 / 57	Sanitary Sewer: Service, Lot # 28 on Lanceleaf Drive.	-	At Grade	02/01/2024	P3	16.9	107.9	99.9	95	-1 / 3	DFMP		RL
55 / 58	Sanitary Sewer: Service, Lot # 29 on Lanceleaf Drive.	-	At Grade	02/01/2024	P3	16.6	105.8	98.0	95	-1 / 3	DFMP		RL
56 / 59	Sanitary Sewer: Service, Lot # 30 on Lanceleaf Drive.	-	At Grade	02/01/2024	P3	17.3	102.6	95.0	95	-1 / 3	DFMP		RL
57 / 60	Sanitary Sewer: Service, Lot # 31 on Lanceleaf Drive.	-	At Grade	02/01/2024	P3	16.9	103.3	95.6	95	-1 / 3	DFMP		RL

Remarks

DP/M/P : Density Pass / Moisture Pass

Comments

Tests are "Direct Transmission" (Method A). Gauge calibration data on file with the testing Agency.



Entech Engineering
505 Elkon Dr
Colorado Springs, CO 80907
Phone: 719-531-5599

Soil Density Report

Glen Development Co
3 Widefield Blvd
Colorado Springs, CO 80911

231853 (231853)
Glen at Widefield F12
Glen at Widefield F12
Fountain, CO

Testing Agency:

Proctor Data

Proctor ID	Method	Soil Classification	Optimum Moisture	Maximum Dry Density
1	ASTM D698 - A	CL	16.3	103.2

01/25/2024
Digitally Signed by Joe Goode, PE



Soil Density Report

Entech Engineering
505 Elkon Dr
Colorado Springs, CO 80907
Phone: 719-531-5599

Glen Development Co
3 Widefield Blvd
Colorado Springs, CO 80911

231853 (231853)
Glen at Widefield F12
Glen at Widefield F12
Fountain, CO

Test #	Test Location	Elevation (feet)	Reference	Test Date	Proctor ID	In Place Moist. (%)	In Place Dry Density (pcf)	Percent Comp.	Min Comp. (%)	Opt. Moisture Tolerance (%)	Rem. Code	Retest Of	Field Tech
31	Sanitary Sewer: Service, Lot # 78 on Golden Butts Drive.	-	At Grade	01/22/2024	1	17.5	101.1	98.0	95	-1/3	DFMMP		RL
32	Sanitary Sewer: Service, Lot # 3 on Golden Butts Drive.	-	At Grade	01/22/2024	1	17.2	102.5	99.3	95	-1/3	DFMMP		RL
33	Sanitary Sewer: Service, Lot # 77 on Golden Butts Drive.	-	At Grade	01/22/2024	1	17.8	100.4	97.3	95	-1/3	DFMMP		RL
34	Sanitary Sewer: Service, Lot # 4 on Golden Butts Drive.	-	At Grade	01/22/2024	1	18.1	100.4	97.3	95	-1/3	DFMMP		RL
35	Sanitary Sewer: Service, Lot # 5 on Golden Butts Drive.	2	Below Grade	01/22/2024	1	15.4	104.8	101.6	95	-1/3	DFMMP		RL
36	Sanitary Sewer: Service, Lot # 74 on Golden Butts Drive.	2	Below Grade	01/22/2024	1	17.3	102.8	99.6	95	-1/3	DFMMP		RL
37	Sanitary Sewer: Service, Lot # 75 on Golden Butts Drive.	2	Below Grade	01/22/2024	1	16.9	101.3	98.2	95	-1/3	DFMMP		RL
38	Sanitary Sewer: Service, Lot # 76 on Golden Butts Drive.	-	At Grade	01/22/2024	1	16.4	103.3	100.1	95	-1/3	DFMMP		RL
39	Sanitary Sewer: Service, Lot # 17 on Lanceleaf Drive.	2	Below Grade	01/18/2024	1	16.5	103.2	100.0	95	-1/3	DFMMP		RL
40	Sanitary Sewer: Service, Lot # 34 on Lanceleaf Drive.	2	Below Grade	01/18/2024	1	15.9	102.9	99.7	95	-1/3	DFMMP		RL
41	Sanitary Sewer: Service, Lot # 33 on Lanceleaf Drive.	2	Below Grade	01/18/2024	1	16.6	102.0	98.8	95	-1/3	DFMMP		RL
42	Sanitary Sewer: Service, Lot # 32 on Lanceleaf Drive.	4	Below Grade	01/18/2024	1	17.1	100.8	97.7	95	-1/3	DFMMP		RL
43	Sanitary Sewer: Service, Lot # 18 on Lanceleaf Drive.	4	Below Grade	01/18/2024	1	17.3	102.0	98.8	95	-1/3	DFMMP		RL
44	Sanitary Sewer: STA 3 + 38 on Lanceleaf Drive, next to the manhole.	6	Below Grade	01/18/2024	1	17.4	101.8	98.6	95	-1/3	DFMMP		RL

Remarks

DP/MMP : Density Pass / Moisture Pass

Comments

Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the



Soil Density Report

Entech Engineering
505 Elkton Dr
Colorado Springs, CO 80907
Phone: 719-531-5599

Client:

Glen Development Co
3 Widefield Blvd
Colorado Springs, CO 80911

231853 (231853)
Glen at Widefield F12
Glen at Widefield F12
Fountain, CO

Test #	Test Location	Elevation (feet)	Reference	Test Date	Proctor D	In Place Moist. (%)	In Place Dry Density (pcf)	Percent Comp.	Min Comp. (%)	Opt. Moisture Tolerance (%)	Rem. Code	Retest Of	Field Tech
16	Sanitary Sewer: Service, Lot # 60 on Lancelleaf Drive.	-	At Grade	01/09/2024	1	17.9	100.9	97.8	95	0/3	DPMP		RL
17	Sanitary Sewer: Service, Lot # 61 on Lancelleaf Drive.	-	At Grade	01/09/2024	1	17.2	102.0	98.8	95	0/3	DPMP		RL
18	Sanitary Sewer: Main, STA 12 + 50 on Lancelleaf Drive.	-	At Grade	01/09/2024	1	16.5	103.2	100.0	95	0/3	DPMP		RL
19	Sanitary Sewer: Main, STA 10 + 65 on Lancelleaf Drive.	-	At Grade	01/09/2024	1	17.0	99.9	96.8	95	0/3	DPMP		RL
20	Sanitary Sewer: Main, STA 8 + 60 on Lancelleaf Drive.	4	Below Grade	01/10/2024	1	16.5	104.4	101.2	95	-2/2	DPMP		RL
21	Sanitary Sewer: Service, Lot # 54 on Lancelleaf Drive.	4	Below Grade	01/10/2024	1	17.0	100.7	97.6	95	-2/2	DPMP		RL
22	Sanitary Sewer: Service, Lot # 69 on Lancelleaf Drive.	4	Below Grade	01/10/2024	1	17.2	99.9	96.8	95	-2/2	DPMP		RL
23	Sanitary Sewer: Main, STA 13 + 45 on Golden Butte Drive.	6	Below Grade	01/10/2024	1	16.6	102.1	98.9	95	-2/2	DPMP		RL
24	Sanitary Sewer: Main, STA 14 + 25 on Golden Butte Drive.	3	Below Grade	01/10/2024	1	16.3	103.6	100.4	95	-2/2	DPMP		RL
25	Sanitary Sewer: Main, STA 6 + 00 on Lancelleaf Drive.	3	Below Grade	01/18/2024	1	16.7	103.0	99.8	95	-1/3	DPMP		RL
26	Sanitary Sewer: Service, Lot # 16 on Lancelleaf Drive.	3	Below Grade	01/18/2024	1	17.2	101.5	98.4	95	-1/3	DPMP		RL
27	Sanitary Sewer: Service, Lot # 35 on Lancelleaf Drive.	3	Below Grade	01/18/2024	1	16.8	100.8	97.7	95	-1/3	DPMP		RL
28	Sanitary Sewer: Service, Lot # 79 on Golden Butte Drive.	-	At Grade	01/22/2024	1	15.9	102.8	99.6	95	-1/3	DPMP		RL
29	Sanitary Sewer: Service, Lot # 1 on Golden Butte Drive.	-	At Grade	01/22/2024	1	16.6	100.8	97.7	95	-1/3	DPMP		RL
30	Sanitary Sewer: Service, Lot # 2 on Golden Butte Drive.	-	At Grade	01/22/2024	1	16.7	100.7	97.6	95	-1/3	DPMP		RL



Entech Engineering
505 Elkon Dr
Colorado Springs, CO 80907
Phone: 719-531-5599

Soil Density Report

Glen Development Co
3 Widefield Blvd
Colorado Springs, CO 80911

231853 (231853)
Glen at Widefield F12
Glen at Widefield F12
Fountain, CO

Test Results

Test #	Test Location	Elevation (feet)	Reference	Test Date	Proctor ID	In Place Moist. (%)	In Place Dry Density (pcf)	Percent Comp.	Min Comp. (%)	Opt. Moisture Tolerance (%)	Rem. Code	Retest Of	Field Tech
1	Sanitary Sewer: Service, Lot # 57 on Lancelleaf Drive.	3	Below Grade	01/03/2024	1	17.0	103.6	100.4	95	-2/2	DPMP		RL
2	Sanitary Sewer: Main, STA 9 + 50 on Lancelleaf Drive.	3	Below Grade	01/03/2024	1	16.1	103.2	100.0	95	-2/2	DPMP		RL
3	Sanitary Sewer: Service, Lot # 64 on Lancelleaf Drive.	-	At Grade	01/09/2024	1	16.7	102.4	99.2	95	-2/2	DPMP		RL
4	Sanitary Sewer: Service, Lot # 65 on Lancelleaf Drive.	-	At Grade	01/09/2024	1	16.4	100.7	97.6	95	-2/2	DPMP		RL
5	Sanitary Sewer: Service, Lot # 66 on Lancelleaf Drive.	-	At Grade	01/09/2024	1	17.0	99.8	96.7	95	-2/2	DPMP		RL
6	Sanitary Sewer: Service, Lot # 67 on Lancelleaf Drive.	2	Below Grade	01/09/2024	1	16.8	101.7	98.5	95	-2/2	DPMP		RL
7	Sanitary Sewer: Service, Lot # 68 on Lancelleaf Drive.	4	Below Grade	01/09/2024	1	17.2	100.9	97.8	95	-2/2	DPMP		RL
8	Sanitary Sewer: Main, STA 8 + 95 on Lancelleaf Drive.	4	Below Grade	01/09/2024	1	16.6	103.3	100.1	95	-2/2	DPMP		RL
9	Sanitary Sewer: Main, STA 8 + 90 on Lancelleaf Drive.	6	Below Grade	01/09/2024	1	16.5	102.2	99.0	95	-2/2	DPMP		RL
10	Sanitary Sewer: Service, Lot # 54 on Lancelleaf Drive.	4	Below Grade	01/09/2024	1	16.9	102.8	99.6	95	-1/3	DPMP		RL
11	Sanitary Sewer: Service, Lot # 55 on Lancelleaf Drive.	4	Below Grade	01/09/2024	1	18.0	100.5	97.4	95	0/3	DPMP		RL
12	Sanitary Sewer: Service, Lot # 56 on Lancelleaf Drive.	4	Below Grade	01/09/2024	1	17.5	99.2	96.1	95	0/3	DPMP		RL
13	Sanitary Sewer: Service, Lot # 57 on Lancelleaf Drive.	2	Below Grade	01/09/2024	1	17.8	100.6	97.5	95	0/3	DPMP		RL
14	Sanitary Sewer: Service, Lot # 58 on Lancelleaf Drive.	-	At Grade	01/09/2024	1	16.3	103.6	100.4	95	0/3	DPMP		RL
15	Sanitary Sewer: Service, Lot # 59 on Lancelleaf Drive.	-	At Grade	01/09/2024	1	16.6	100.6	97.5	95	0/3	DPMP		RL



January 4, 2024

Glen Development Company
3 Widefield Boulevard
Colorado Springs, CO 80911

Attn: Rudy Cross

Re: Density Testing – Sanitary Sewer
Glen at Widefield, Filing 12
Colorado Springs, Colorado
Report No. 1, Tests 1 – 18

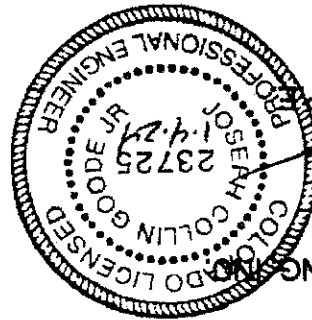
Dear Mr. Cross,

As requested, personnel of Entech Engineering, Inc. performed density testing at the above referenced site.

Density testing on this site was performed on December 18 through 20, 2023. The density testing indicates that the materials have been adequately compacted at the depths and in the locations noted. Results of the density tests are enclosed with this letter.

We trust that this has provided you with the information you require. Should you have any questions or need further information, please do not hesitate to contact us.

Respectfully Submitted,



Joseph C. Goode Jr., President

JCG/sc

Encl.

Entech Job No. 231853


Client: Glen Development Co.	Entech Job #: 231853.2	Proctor Value Key: M = modified, ASTM D-1557 S = standard, ASTM D-698 T = AASHTO, T-190
Project: Glen at Widefield, Filling 12	Tested By: R. Lewis	
Subject: Sanitary Sewer	Report Date: 01-10-2024	

Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
1	Main, Station 15 + 00 on Golden Burfs Drive, at grade.	12/18/2023	98	95	17.5	CL	S - 103.2 @ 16.3	<input type="checkbox"/>
2	Main, Station 14 + 00 on Golden Burfs Drive, 2' below grade.	12/18/2023	97	95	16.6	CL	S - 103.2 @ 16.3	<input type="checkbox"/>
3	Main, Station 13 + 50 on Golden Burfs Drive, 4' below grade.	12/18/2023	100	95	16.3	CL	S - 103.2 @ 16.3	<input type="checkbox"/>
4	Main, Station 13 + 00 on Golden Burfs Drive, 6' below grade.	12/18/2023	99	95	16.5	CL	S - 103.2 @ 16.3	<input type="checkbox"/>
5	Main, Station 13 + 36 on Golden Burfs Drive (next to the manhole), 6' below grade.	12/18/2023	95	95	17.4	CL	S - 103.2 @ 16.3	<input type="checkbox"/>
6	Main, Station 13 + 40 on Golden Burfs Drive (next to manhole), 4' below grade.	12/18/2023	98	95	16.3	CL	S - 103.2 @ 16.3	<input type="checkbox"/>
7	Service, Lot # 70 on Golden Burfs Drive, 2' below grade.	12/18/2023	98	95	16.8	CL	S - 103.2 @ 16.3	<input type="checkbox"/>
8	Service, Lot # 71 on Golden Burfs Drive, at grade.	12/18/2023	96	95	17.7	CL	S - 103.2 @ 16.3	<input type="checkbox"/>
9	Service, Lot # 16 on Golden Burfs Drive, 2' below grade.	12/18/2023	98	95	17.1	CL	S - 103.2 @ 16.3	<input type="checkbox"/>
10	Service, Lot # 15 on Golden Burfs Drive, at grade.	12/18/2023	99	95	16.9	CL	S - 103.2 @ 16.3	<input type="checkbox"/>

Comments:

Scope of Observation: PERIODIC. CONTRACTORS OR CLIENTS REPRESENTATIVE ADVISED

All dimensions are approximate. CL = Centerline



ENTECH
ENGINEERING, INC.
505 E Main Drive
Colorado Springs, CO 80907
(719) 531-5588 • (719) 531-5238 (fax)

FIELD DENSITY RESULTS

Joseph C. Gaud, Jr., P.E.

Client: Glen Development Co.	Entech Job #: 231853.2	Proctor Value Key: M = modified, ASTM D-1557 S = standard, ASTM D-698 T = AASHTO, T-180
Project: Glen at Widefield, Filling 12	Tested By: R. Lewis	
Subject: Sanitary Sewer	Report Date: 01-10-2024	

Test #	Test Location	Testing Date	Percent Compaction	Percent Required	Percent Moisture	Soil Type	Proctor Type/Value	Pass/Fail
11	Main, Station 13 + 00 on Lancelleaf Drive, 8' below grade.	12/18/2023	99	95	17.8	CL	S - 103.2 @ 16.3	<input type="checkbox"/>
12	Main, Station 12 + 00 on Lancelleaf Drive, 8' below grade.	12/18/2023	100	95	17.0	CL	S - 103.2 @ 16.3	<input type="checkbox"/>
13	Service, Lot # 62 on Lancelleaf Drive, 6' below grade.	12/18/2023	97	95	17.2	CL	S - 103.2 @ 16.3	<input type="checkbox"/>
14	Service, Lot # 63 on Lancelleaf Drive, 6' below grade.	12/18/2023	98	95	16.7	CL	S - 103.2 @ 16.3	<input type="checkbox"/>
15	Main, Station 12 + 00 on Lancelleaf Drive, 6' below grade.	12/20/2023	100	95	16.5	CL	S - 103.2 @ 16.3	<input type="checkbox"/>
16	Service, Lot # 64 on Lancelleaf Drive, 6' below grade.	12/20/2023	99	95	17.0	CL	S - 103.2 @ 16.3	<input type="checkbox"/>
17	Main, Station 15 + 00 on Golden Butte Drive, at grade.	12/20/2023	97	95	16.8	CL	S - 103.2 @ 16.3	<input type="checkbox"/>
18	Main, Station 13 + 00 on Golden Butte Drive, at grade.	12/20/2023	98	95	17.4	CL	S - 103.2 @ 16.3	<input type="checkbox"/>

Comments:

Scope of Observation: PERIODIC, CONTRACTOR'S OR CLIENT'S REPRESENTATIVE ADVISED

All dimensions are approximate. CL = Centerline



ENTECH
ENGINEERING, INC.
505 Eakon Drive
Colorado Springs, CO 80907
(719) 531-5666 • (719) 531-5238 (fax)

FIELD DENSITY RESULTS

Joseph C. Gade, Jr., P.E.



December 8, 2023

Glen Development Company
3 Widefield Boulevard
Colorado Springs, Colorado 80911

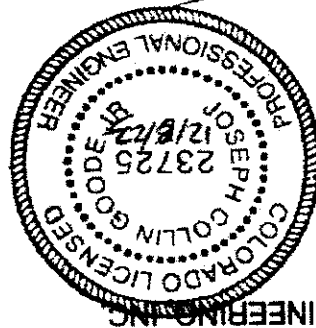
Attn: Rudy Cross

Re: Moisture Density Relation Curve - Proctor No. 2
Glen at Widefield, Filling 12
Colorado Springs, Colorado
Entech Job No. 231853

Dear Mr. Cross:

As requested, personnel of Entech Engineering, Inc. have performed moisture density relation testing at the above referenced site.
Moisture density relation testing on this site was performed on December 6, 2023. Results of the moisture density relation curve are enclosed with this letter.
We trust that this has provided you with the information you require. Should you have any questions or need further information, please do not hesitate to contact us.

Respectfully Submitted,



Joseph C. Goode, Jr., P.E.
President

Encl.

JCG/bi

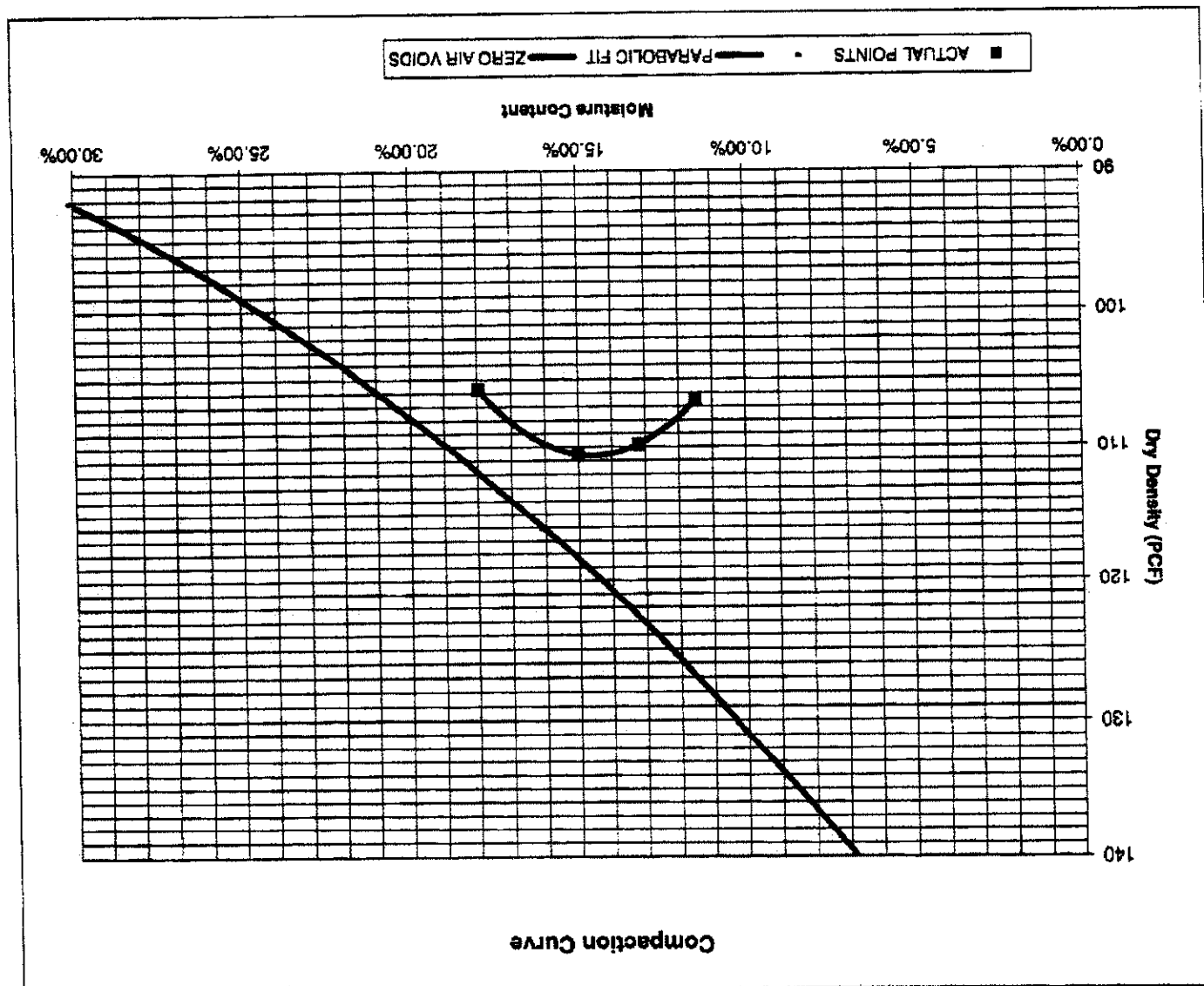


ENTECH
ENGINEERING, INC.

MOISTURE DENSITY RELATION

GLEN AT WIDEFIELD, F-12
GLEN DEVELOPMENT

JOB NO.
231853



PROJECT	GLEN AT WIDEFIELD, F-12	CLIENT	GLEN DEVELOPMENT
SAMPLE LOCATION	GOLDEN BLUFFS, STA 19+00	JOB NO.	231853
SOIL DESCRIPTION	CLAY, SANDY, BROWN	DATE	12/06/23
IDENTIFICATION	CL	PROCTOR TEST #	2
TEST DESIGNATION / METHOD	ASTM D-698-A	TEST BY	DK
MAXIMUM DRY DENSITY (PCF)	110.8	OPTIMUM MOISTURE	14.7%



November 29, 2023

Glen Development Company
3 Widefield Boulevard
Colorado Springs, Colorado 80911

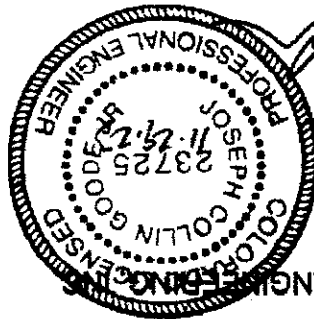
Attn: Rudy Cross

Re: Moisture Density Relation Curve - Proctor No. 1
Glen at Widefield, Filling 12
Colorado Springs, Colorado
Entech Job No. 231853

Dear Mr. McClellan:

As requested, personnel of Entech Engineering, Inc. have performed moisture density relation testing at the above referenced site.
Moisture density relation testing on this site was performed on November 24, 2023. Results of the moisture density relation curve are enclosed with this letter.
We trust that this has provided you with the information you require. Should you have any questions or need further information, please do not hesitate to contact us.

Respectfully Submitted,



Joseph C. Goode, Jr., P.E.
President

Encl.

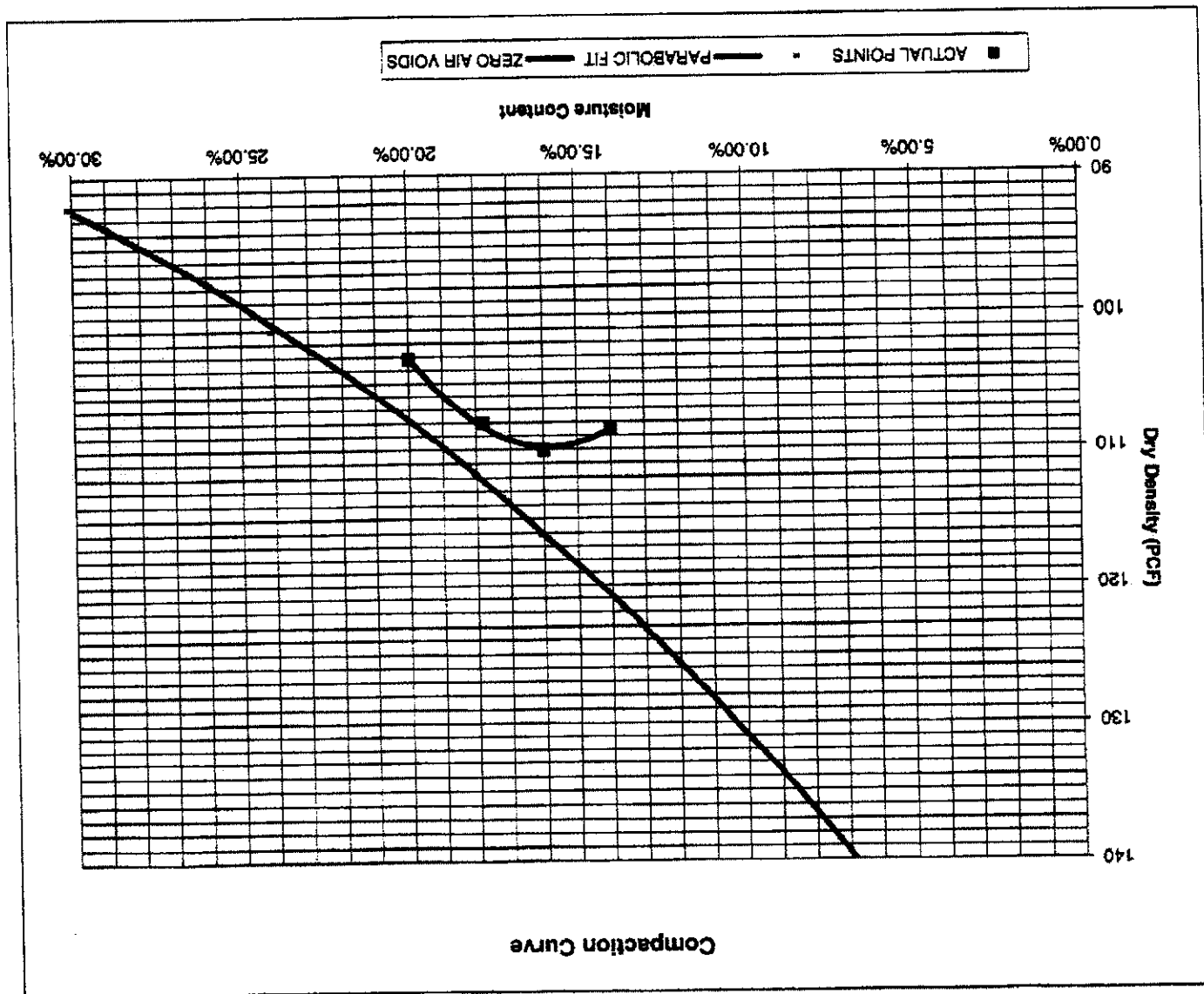
JCG/bl



ENTECH
ENGINEERING, INC.

MOISTURE DENSITY RELATION
GLEN AT WIDEFIELD, F-12
GLEN DEVELOPMENT

JOB NO.
231853



PROJECT	GLEN AT WIDEFIELD, F-12	CLIENT	GLEN DEVELOPMENT
SAMPLE LOCATION	GOLDEN BLUFFS, STA 20+75	JOB NO.	231853
SOIL DESCRIPTION	CLAY, SANDY, BROWN	DATE	11/24/23
IDENTIFICATION	CL	PROCTOR TEST #	1
TEST DESIGNATION / METHOD	ASTM D-698-A	TEST BY	DK
MAXIMUM DRY DENSITY (PCF)	110.9	OPTIMUM MOISTURE	16.0%

5 AM

Xfinity Connect Entech Engineering Report_Density Printout

11/30/2023 10:33 AM

Entech Engineering Front Desk <frontdesk@entechengineers.com>

Entech Engineering Report: Density

To rulocro@comcast.net <rulocro@comcast.net>

The report attached is for Glen at Widefield Filing 12. Please email if you have any questions.

Thank you,
Front Desk



Entech Engineering, Inc.
505 Elkton Drive
Colorado Springs, CO 80907
719-531-5599

- 231853-Glen-Glen@Widefield F12-MDRC-P1.pdf (1 MB)
- image001.png (8 KB)



Soil Density Report

Enttech Engineering
505 Elkton Dr.
Colorado Springs, CO 80907
Phone: 719-531-5599

Client:
Glen Development Co
3 Widefield Blvd
Colorado Springs, CO 80911

231853 (231853)
The Glenn at Widefield F-12
The Glenn at Widefield F-12
Fountain, CO

Subject / Overall Test #	Test Location	Elevation (feet)	Reference	Test Date	Proctor D	In Place Moist. (%)	In Place Dry Density (pcf)	Percent Comp.	Min Comp. (%)	Opt. Moisture Tolerance (%)	Rem. Code	Retest Of	Field Tech
42 P55	Sidewalk Subgrade: 10' west of the southwest corner of the intersection at Lanceleaf Dr. & Golden Butts Dr.	-	At Grade	06/12/2025	P8	15.0	115.6	98	95	-1 / 3	DPMP		JG
43 P56	Sidewalk Subgrade: 30' south of the southwest corner of the intersection at Lanceleaf Dr. & Golden Butts Dr.	-	At Grade	06/12/2025	P8	13.3	114.6	97	95	-1 / 3	DPMP		JG

Remarks

DPMP : Density Pass / Moisture Pass

Comments

Tests are "Direct Transmission" (Method A). Gauge calibration data on file with the testing Agency.

Proctor Data

Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)
P8	ASTM D698 - A	CL	13.4	118.5
P2	ASTM D698 - A	CL	14.7	110.8
P9	ASTM D1557 - B	ClS 6 ABC	9.5	128
P10	ASTM D1557 - C	ClS 6 R.C.	10.4	114.7

Joey Goode

06/19/2025

Reviewed by: Joey Goode, PE



Soil Density Report

client:

Glenn Development Co
3 Widefield Blvd
Colorado Springs, CO 80911

231853 (231853)
The Glenn at Widefield F12
The Glenn at Widefield F12
Fountain, CO

Entech Engineering
505 Elkon Dr.
Colorado Springs, CO 80907
Phone: 719-531-5599

Test Results

Subject / Overall Test #	Test Location	Elevation (feet)	Reference	Test Date	Proctor ID	In Place Moist. (%)	In Place Dry Density (pcf)	Percent Comp.	Min. Comp. (%)	Opt. Moisture Tolerance (%)	Rem. Code	Retest Of	Field Tech
33 /244	Sidewalk Subgrade: South side of Golden Buifs Dr., along the northeast side of Dwarf Clover Ct.	-	At Grade	06/09/2025	P8	14.3	116.2	98	95	-1/3	DPMP		JG
34 /245	Sidewalk Subgrade: Southeast corner of the intersection at Dwarf Clover Ct. & Golden Buifs Dr.	-	At Grade	06/09/2025	P2	15.7	109.0	98	95	-1/3	DPMP		JG
35 /246	Sidewalk Subgrade: Northwest corner of the intersection at Ground Cherry Trail & Golden Buifs Dr., near the STOP sign.	-	At Grade	06/09/2025	P9	7.6	126.7	99	95	-2/2	DPMP		JG
36 /247	Sidewalk Subgrade: 10' north of the northwest corner of the intersection at Ground Cherry Trail & Golden Buifs Dr.	-	At Grade	06/09/2025	P9	10.3	120.9	95	95	-2/2	DPMP		JG
37 /248	Sidewalk Subgrade: Northeast corner of the intersection at Ground Cherry Trail & Golden Buifs Dr.	-	At Grade	06/09/2025	P9	11.5	121.1	95	95	-2/2	DPMP		JG
38 /249	Sidewalk Subgrade: 10' north of the northeast corner of the intersection at Ground Cherry Trail & Golden Buifs Dr.	-	At Grade	06/10/2025	P8	12.8	116.9	99	95	-1/3	DPMP		JG
39 /250	Sidewalk Subgrade: 10' north of the northwest corner of the corner of Lanceleaf Dr. & Golden Buifs Dr.	-	At Grade	06/10/2025	P8	13.0	114.9	97	95	-1/3	DPMP		JG
35 /251	Curb & Gutter: 30' south of the northwest corner of the intersection at Lanceleaf Dr. & Golden Buifs Dr.	-	At Grade	06/11/2025	P10	12.1	109.9	96	95	-2/2	DPMP		JG
36 /252	Curb & Gutter: 40' south of the northwest corner of the intersection at Lanceleaf Dr. & Golden Buifs Dr.	-	At Grade	06/11/2025	P10	10.4	113.1	99	95	-2/2	DPMP		JG
40 /253	Sidewalk Subgrade: Ramp, 5' north of the northwest corner of the intersection at Ground Cherry Trail & Golden Buifs Dr.	-	At Grade	06/11/2025	P10	10.4	114.1	100	95	-2/2	DPMP		JG
41 /254	Sidewalk Subgrade: Ramp, 5' west of the northwest corner of the intersection at Ground Cherry Trail & Golden Buifs Dr.	-	At Grade	06/11/2025	P10	12.1	111.9	98	95	-2/2	DPMP		JG



Soil Density Report

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Client:
Glen Development Co
3 Widenfeld Blvd
Colorado Springs, CO 80911

231853 (231853)
The Glenn at Widenfeld F12
The Glenn at Widenfeld F12
Fountain, CO

Test Results

Subject / Overall Test #	Test Location	Elevation (feet)	Reference	Test Date	Proctor ID	In Place Moist. (%)	In Place Dry Density (pcf)	Percent Comp.	Min. Comp. (%)	Opt. Moisture Tolerance (%)	Rem. Code	Retest Of	Field Tech
30 /241	Sidewalk Subgrade: 10' north & 20' east of the northeast corner of the intersection at Lancelleaf Dr. & Golden Buffs Dr.	-	At Grade	06/02/2025	P4	6.8	134.3	96	95	-2/2	DFMP		RL
31 /242	Sidewalk Subgrade: 10' south & 5' east of the southeast corner of the intersection at Lancelleaf Dr. & Golden Buffs Dr.	-	At Grade	06/02/2025	P4	6.4	136.8	98	95	-2/2	DFMP		RL
32 /243	Sidewalk Subgrade: 10' west & 25' north of the northwest corner of the intersection at Ground Cherry Trail & Golden Buffs Dr.	-	At Grade	06/02/2025	P4	3.8	137.2	98	95	-2/2	DFMP		RL

Comments

Tests are "Direct Transmission" (Method A). Gauge calibration data on file with the testing Agency.

Remarks

DP/MF : Density Pass / Moisture Pass

Proctor Data

Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)
P4	ASTM D1557 - C	ClS 6 ABC	5.7	140.3

Joey Goode

06/10/2025

Reviewed by: Joey Goode, PE



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Soil Density Report

Glen Development Co
3 Widefield Blvd
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231853 (231853)
The Glenn at Widefield F12
The Glenn at Widefield F12
Fountain, CO

Test Results

Subject / Overall Test #	Test Location	Elevation (feet)	Reference	Test Date	Proctor ID	In Place Moist. (%)	In Place Dry Density (pcf)	Percent Comp.	Min Comp. (%)	Opt. Moisture Tolerance (%)	Rem. Code	Retest Of	Field Tech
29 P240	Sidewalk Subgrade: 10' north & 20' east of the northeast corner of the intersection at Golden Bufts Dr. & Lanceleaf Dr.	-	At Grade	05/22/2025	P2	14.8	108.1	98	95	-1/3	DPMP		RL

Comments

Tests are "Direct Transmission" (Method A). Gauge calibration data on file with the testing Agency.

Remarks

DP/MP : Density Pass / Moisture Pass

Proctor Data

Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)
P2	ASTM D698 - A	CL	14.7	110.8

Joey Goode

06/02/2025

Reviewed by: Joey Goode, PE



Soil Density Report

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Client:
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231853 (231853)
The Glenn at Widefield F-12
The Glenn at Widefield F-12
Fountain, CO

Test Results

Subject / Overall Test #	Test Location	Elevation (feet)	Reference	Test Date	Proctor ID	In Place Moist. (%)	In Place Dry Density (pcf)	Percent Comp.	Min Comp. (%)	Opt. Moisture Tolerance (%)	Rem. Code	Retest Of	Field Tech
27 / 238	Sidewalk Subgrade: West end of the cul-de-sac on Ground Cherry Trail.	-	At Grade	05/21/2025	P2	14.0	108.3	98	95	-1 / 3	DPMP		RL
28 / 239	Sidewalk Subgrade: 15' east & 20' south of the southeast corner of the intersection at Golden Bufts Dr. & Lancelot Dr.	-	At Grade	05/22/2025	P2	13.7	109.9	99	95	-1 / 3	DPMP		RL

Remarks

DP/MP : Density Pass / Moisture Pass

Comments

Tests are "Direct Transmission" (Method A). Gauge calibration data on file with the testing Agency.

Proctor Data

Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)
P2	ASTM D698 - A	CL	14.7	110.8

Joey Goode

05/30/2025

Reviewed by: Joey Goode, PE



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Soil Density Report

URGENT

Glen Development Co
3 Widefield Blvd
Colorado Springs, CO 80911

231853 (231853)
The Glenn at Widefield F12
The Glenn at Widefield F12
Fountain, CO

Proctor Data

Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)
P7	ASTM D698 - A	CL	14.7	110.8
P2	ASTM D698 - A	CL	14.7	110.8
4	ASTM D698 - A	CL	16.3	103.2

Joe Goode

05/21/2025
Reviewed by: Joey Goode, PE

Soil Density Report

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Glen Development Co
3 Widefield Blvd
Colorado Springs, CO 80911

231853 (231853)
The Glenn at Widefield F-12
The Glenn at Widefield F-12
Fountain, CO

Subject / Overall Test #	Test Location	Elevation (feet)	Reference	Test Date	Proctor D	In Place Moist. (%)	In Place Dry Density (pcf)	Percent Comp.	Min Comp. (%)	Opt. Moisture Tolerance (%)	Rem. Code	Retest Of	Field Tech
15 /226	Sidewalk Subgrade: STA 9 + 00 on Golden Butts Dr., north side of the road.	-	At Grade	05/15/2025	4	15.8	99.0	96	95	-1/3	DPMP		RL
16 /227	Sidewalk Subgrade: STA 1 + 70 on Dwarf Clover Ct., east side of the road.	-	At Grade	05/15/2025	P2	15.8	108.4	98	95	-1/3	DPMP		RL
17 /228	Sidewalk Subgrade: STA 3 + 89 on Dwarf Clover Ct., east side of the cul-de-sac.	-	At Grade	05/15/2025	P2	14.3	112.8	102	95	-1/3	DPMP		RL
18 /229	Sidewalk Subgrade: STA 2 + 00 on Dwarf Clover Ct., west side of eyebrow, Lot 41.	-	At Grade	05/15/2025	P2	14.9	108.7	98	95	-1/3	DPMP		RL
19 /230	Sidewalk Subgrade: STA 12 + 50 on Golden Butts Dr., north side of the road.	-	At Grade	05/16/2025	P2	14.0	110.8	100	95	-1/3	DPMP		RL
20 /231	Sidewalk Subgrade: STA 6 + 00 on Lancelleaf Dr., south side of the road.	-	At Grade	05/16/2025	P2	14.8	110.4	100	95	-1/3	DPMP		RL
21 /232	Sidewalk Subgrade: STA 6 + 00 on Lancelleaf Dr., north side of the road.	-	At Grade	05/16/2025	P2	15.4	109.5	99	95	-1/3	DPMP		RL
22 /233	Sidewalk Subgrade: STA 2 + 00 on Lancelleaf Dr., west side of the road.	-	At Grade	05/16/2025	P2	15.5	108.4	98	95	-1/3	DPMP		RL
23 /234	Sidewalk Subgrade: STA 2 + 00 on Lancelleaf Dr., east side of the road.	-	At Grade	05/16/2025	P2	14.6	107.7	97	95	-1/3	DPMP		RL
24 /235	Sidewalk Subgrade: STA 16 + 00 on Golden Butts Dr., west side of the road.	-	At Grade	05/16/2025	P2	16.2	106.9	97	95	-1/3	DPMP		RL
25 /236	Sidewalk Subgrade: STA 1 + 50 on Ground Cherry Trail, south side of the road.	-	At Grade	05/16/2025	P2	15.3	106.4	96	95	-1/3	DPMP		RL
26 /237	Sidewalk Subgrade: STA 2 + 00 on Ground Cherry Trail, south side of the road.	-	At Grade	05/16/2025	P2	14.9	106.4	96	95	-1/3	DPMP		RL

Remarks

DPMP : Density Pass / Moisture Pass

Comments

Tests are "Direct Transmission" (Method A). Gauge calibration data on file with the testing Agency.



Soil Density Report

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Glenn Development Co
3 Widefield Blvd
Colorado Springs, CO 80911

231853 (231853)
The Glenn at Widefield F-12
The Glenn at Widefield F-12
Fountain, CO

Test Results

Subject / Overall Test #	Test Location	Elevation (feet)	Reference	Test Date	Proctor D	In Place Moist. (%)	In Place Dry Density (pcf)	Percent Comp.	Min Comp. (%)	Opt. Moisture Tolerance (%)	Rem. Code	Retest Of	Field Tech
1 / 212	Sidewalk Subgrade: STA 21 + 00 north side of Golden Butts Dr.	-	At Grade	05/13/2025	P7	14.7	108.1	98	95	-1/3	DPMP		AK
2 / 213	Sidewalk Subgrade: STA 21 + 00 south side of Golden Butts Dr.	-	At Grade	05/13/2025	P7	13.9	107.5	97	95	-1/3	DPMP		AK
3 / 214	Sidewalk Subgrade: STA 19 + 00 south side of Golden Butts Dr.	-	At Grade	05/13/2025	P7	14.0	106.9	97	95	-1/3	DPMP		AK
4 / 215	Sidewalk Subgrade: STA 19 + 00 north side of Golden Butts Dr.	-	At Grade	05/13/2025	P7	15.2	109.9	99	95	-1/3	DPMP		AK
5 / 216	Sidewalk Subgrade: STA 17 + 00 north side of Golden Butts Dr.	-	At Grade	05/13/2025	P7	13.8	110.1	99	95	-1/3	DPMP		AK
6 / 217	Sidewalk Subgrade: STA 17 + 00 south side of Golden Butts Dr.	-	At Grade	05/13/2025	P7	13.7	108.0	98	95	-1/3	DPMP		AK
7 / 218	Sidewalk Subgrade: STA 15 + 00 south side of Golden Butts Dr.	-	At Grade	05/13/2025	P7	14.0	108.7	98	95	-1/3	DPMP		AK
8 / 219	Sidewalk Subgrade: STA 15 + 00 north side of Golden Butts Dr.	-	At Grade	05/13/2025	P7	15.4	109.2	99	95	-1/3	DPMP		AK
9 / 220	Sidewalk Subgrade: STA 12 + 50, north side of Lanceleaf Dr.	-	At Grade	05/14/2025	P2	15.6	108.4	98	95	-1/3	DPMP		RL
10 / 221	Sidewalk Subgrade: STA 12 + 50, south side of Lanceleaf Dr.	-	At Grade	05/14/2025	P2	14.6	108.7	98	95	-1/3	DPMP		RL
11 / 222	Sidewalk Subgrade: STA 7 + 50, north side of Lanceleaf Dr.	-	At Grade	05/14/2025	P2	15.8	107.4	97	95	-1/3	DPMP		RL
12 / 223	Sidewalk Subgrade: STA 7 + 50, south side of Lanceleaf Dr.	-	At Grade	05/14/2025	P2	15.4	108.2	98	95	-1/3	DPMP		RL
13 / 224	Sidewalk Subgrade: STA 12 + 50 on Golden Butts Dr., east side of the road.	-	At Grade	05/15/2025	P2	15.2	112.2	101	95	-1/3	DPMP		RL
14 / 225	Sidewalk Subgrade: STA 8 + 50 on Golden Butts Dr., south side of the road.	-	At Grade	05/15/2025	4	17.0	101.3	98	95	-1/3	DPMP		RL



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Soil Density Report

Glen Development Co
3 Widefield Blvd
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231853 (231853)
The Glen at Widefield F12
The Glen at Widefield F12
Fountain, CO

Test Results

Subject / Overall Test #	Test Location	Elevation (feet)	Reference	Test Date	Proctor D	In Place Moist. (%)	In Place Dry Density (pcf)	Percent Comp.	Min Comp. (%)	Opt. Moisture Tolerance (%)	Rem. Code	Retest Of	Field Tech
1 / 10 / Dr.	Storm Water: Main, STA 18 + 00 on Golden Butte	2	Below Grade	03/28/2024	P1	16.0	108.2	98	95	-1 / 3	DPMP		RL

Remarks

DPMP : Density Pass / Moisture Pass

Comments

Tests are "Direct Transmission" (Method A). Gauge calibration data on file with the testing Agency.

Proctor Data

Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)
P1	ASTM D698 - A	CL	16	110.9

Joey Goode

04/09/2024

Reviewed by: Joey Goode, PE



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Soil Density Report

Glen Development Co
3 Widefield Blvd
Colorado Springs, CO 80911

231853 (231853)
Glen at Widefield F12
Glen at Widefield F12
Fountain, CO

Subject / Overall Test #	Test Location	Elevation (feet)	Reference	Test Date	Proctor ID	In Place Moist. (%)	In Place Dry Density (pcf)	Percent Comp.	Min Comp. (%)	Opt. Moisture Tolerance (%)	Rem. Code	Retest Of	Field Tech
38 /101	Water: Service, Lot # 31 on Lanceleaf Drive.	2	Below Grade	03/13/2024	P2	16.5	106.8	96	95	-1/3	DPMP		RL
39 /102	Water: Service, Lot # 32 on Lanceleaf Drive.	2	Below Grade	03/13/2024	P2	16.9	107.4	97	95	-1/3	DPMP		RL
40 /103	Water: Service, Lot # 33 on Lanceleaf Drive.	-	At Grade	03/13/2024	P2	14.2	109.8	99	95	-1/3	DPMP		RL
41 /104	Water: Service, Lot # 34 on Lanceleaf Drive.	-	At Grade	03/13/2024	P2	13.9	110.3	100	95	-1/3	DPMP		RL
42 /105	Water: Main, STA 2 + 00 on Lanceleaf Drive.	3	Below Grade	03/13/2024	P2	15.3	106.4	96	95	-1/3	DPMP		RL
43 /106	Water: Main, STA 1 + 90 on Lanceleaf Drive.	1	Below Grade	03/13/2024	P2	14.3	109.4	99	95	-1/3	DPMP		RL

Remarks

DP/MP : Density Pass / Moisture Pass

Comments

Tests are "Direct Transmission" (Method A). Gauge calibration data on file with the testing Agency.

Proctor Data

Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)
P3	ASTM D698 - A	CL	15.2	108
P1	ASTM D698 - A	CL	16	110.9
P2	ASTM D698 - A	CL	14.7	110.8

Joey Goode

03/19/2024

Reviewed by: Joey Goode, PE



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Soil Density Report

Client:

Glen Development Co
3 Widefield Blvd
Colorado Springs, CO 80911

231853 (231853)
Glen at Widefield F12
Glen at Widefield F12
Fountain, CO

Subject / Overall Test #	Test Location	Elevation (feet)	Reference	Test Date	Proctor ID	In Place Moist. (%)	In Place Dry Density (pcf)	Percent Comp.	Min Comp. (%)	Opt. Moisture Tolerance (%)	Rem. Code	Retest Of	Field Tech
22 / 85	Water: Service, Lot # 17 on Lanceleaf Drive.	-	At Grade	03/13/2024	P2	15.9	108.3	98	95	-1/3	DPMP		RL
23 / 86	Water: Service, Lot # 18 on Lanceleaf Drive.	-	At Grade	03/13/2024	P2	15.3	107.7	97	95	-1/3	DPMP		RL
24 / 87	Water: Service, Lot # 19 on Lanceleaf Drive.	-	At Grade	03/13/2024	P2	14.9	106.4	96	95	-1/3	DPMP		RL
25 / 88	Water: Main, STA 3 + 50 on Lanceleaf Drive (next to valves).	-	At Grade	03/13/2024	P2	14.6	109.2	99	95	-1/3	DPMP		RL
26 / 89	Water: Service, Lot # 20 on Lanceleaf Drive.	2	Below Grade	03/13/2024	P2	16.4	106.3	96	95	-1/3	DPMP		RL
27 / 90	Water: Service, Lot # 21 on Lanceleaf Drive.	2	Below Grade	03/13/2024	P2	14.9	108.4	98	95	-1/3	DPMP		RL
28 / 91	Water: Service, Lot # 22 on Lanceleaf Drive.	2	Below Grade	03/13/2024	P2	16.2	108.2	98	95	-1/3	DPMP		RL
29 / 92	Water: Service, Lot # 23 on Lanceleaf Drive.	2	Below Grade	03/13/2024	P2	15.6	106.3	96	95	-1/3	DPMP		RL
30 / 93	Water: Service, Lot # 24 on Lanceleaf Drive.	2	Below Grade	03/13/2024	P2	16.0	107.6	97	95	-1/3	DPMP		RL
31 / 94	Water: Service, Lot # 25 on Lanceleaf Drive.	2	Below Grade	03/13/2024	P2	17.0	105.8	96	95	-1/3	DPMP		RL
32 / 95	Water: STA 1 + 00, 25' north of Lanceleaf Drive (between valves & hydrant).	-	At Grade	03/13/2024	P2	13.9	110.3	100	95	-1/3	DPMP		RL
33 / 96	Water: Service, Lot # 26 on Lanceleaf Drive.	2	Below Grade	03/13/2024	P2	16.4	106.2	98	95	-1/3	DPMP		RL
34 / 97	Water: Service, Lot # 27 on Lanceleaf Drive.	2	Below Grade	03/13/2024	P2	16.1	107.3	97	95	-1/3	DPMP		RL
35 / 98	Water: Service, Lot # 28 on Lanceleaf Drive.	2	Below Grade	03/13/2024	P2	15.3	106.8	96	95	-1/3	DPMP		RL
36 / 99	Water: Service, Lot # 29 on Lanceleaf Drive.	1	Below Grade	03/13/2024	P2	15.6	108.6	98	95	-1/3	DPMP		RL
37 / 100	Water: Service, Lot # 30 on Lanceleaf Drive.	2	Below Grade	03/13/2024	P2	17.1	106.2	96	95	-1/3	DPMP		RL



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Soil Density Report

Glen Development Co
3 Widefield Blvd
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231853 (231853)
Glen at Widefield F12
Glen at Widefield F12
Fountain, CO

Test Results

Subject / Overall Test #	Test Location	Elevation (feet)	Reference	Test Date	Proctor D	In Place Moist. (%)	In Place Dry Density (pcf)	Percent Comp.	Min Comp. (%)	Opt. Moisture Tolerance (%)	Rem. Code	Retest Of	Field Tech
6 / 69	Water: Main, STA 20 + 00 on Golden Buffs Drive.	3	Below Grade	03/08/2024	P3	14.9	105.7	98	95	-1/3	DPMP		RL
7 / 70	Water: Main, STA 20 + 05 on Golden Buffs Drive.	1	Below Grade	03/08/2024	P3	15.3	108.4	100	95	-1/3	DPMP		RL
8 / 71	Water: Main, STA 20 + 10 on Golden Buffs Drive.	-	At Grade	03/08/2024	P3	15.8	104.8	97	95	-1/3	DPMP		RL
9 / 72	Water: Service, Lot # 13 on Ground Cherry Trail.	-	At Grade	03/12/2024	P1	15.6	107.7	97	95	-1/3	DPMP		RL
10 / 73	Water: Service, Lot # 12 on Ground Cherry Trail.	-	At Grade	03/12/2024	P1	16.6	107.4	97	95	-1/3	DPMP		RL
11 / 74	Water: Service, Lot # 11 on Ground Cherry Trail.	1	Below Grade	03/12/2024	P1	17.0	108.4	98	95	-1/3	DPMP		RL
12 / 75	Water: Service, Lot # 10 on Ground Cherry Trail.	2	Below Grade	03/12/2024	P1	16.3	105.9	96	95	-1/3	DPMP		RL
13 / 76	Water: Service, Lot # 9 on Ground Cherry Trail.	2	Below Grade	03/12/2024	P1	15.2	110.3	100	95	-1/3	DPMP		RL
14 / 77	Water: Main, STA 2 + 50 on Ground Cherry Trail (next to hydrant).	2	Below Grade	03/12/2024	P1	16.4	108.5	98	95	-1/3	DPMP		RL
15 / 78	Water: Service, Lot # 8 on Ground Cherry Trail.	1	Below Grade	03/12/2024	P1	16.2	108.4	98	95	-1/3	DPMP		RL
16 / 79	Water: Service, Lot # 7 on Ground Cherry Trail.	-	At Grade	03/12/2024	P1	15.3	109.6	99	95	-1/3	DPMP		RL
17 / 80	Water: Service, Lot # 6 on Ground Cherry Trail.	-	At Grade	03/12/2024	P1	15.6	110.3	100	95	-1/3	DPMP		RL
18 / 81	Water: Main, STA 2 + 50 on Ground Cherry Trail.	3	Below Grade	03/12/2024	P1	16.1	108.4	98	95	-1/3	DPMP		RL
19 / 82	Water: Main, STA 2 + 40 on Ground Cherry Trail.	1	Below Grade	03/12/2024	P1	15.5	108.8	98	95	-1/3	DPMP		RL
20 / 83	Water: Main, STA 2 + 00 on Ground Cherry Trail.	-	At Grade	03/12/2024	P1	17.3	106.6	96	95	-1/3	DPMP		RL
21 / 84	Water: Service, Lot # 34 on Lanceleaf Drive.	3	Below Grade	03/12/2024	P1	15.6	105.6	95	95	-1/3	DPMP		RL



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Soil Density Report

Glen Development Co
3 Widefield Blvd
Colorado Springs, CO 80911

231853 (231853)
Glen at Widefield F12
Glen at Widefield F12
Fountain, CO

Test Results

Subject / Overall Test #	Test Location	Elevation (feet)	Reference	Test Date	Proctor ID	In Place Moist. (%)	In Place Dry Density (pcf)	Percent Comp.	Min Comp. (%)	Opt. Moisture Tolerance (%)	Rem. Code	Retest Of	Field Tech
4 / 67	Water: Main, STA 9 + 00 on Golden Buffs Drive.	5	Below Grade	02/29/2024	P1	17.9	106.2	96	95	-1 / 3	DPMP		RL
5 / 68	Water: Main, STA 9 + 20 on Golden Buffs Drive.	8	Below Grade	02/29/2024	P1	17.5	107.4	97	95	-1 / 3	DPMP		RL

Remarks

DPMP : Density Pass / Moisture Pass

Comments

Tests are "Direct Transmission" (Method A). Gauge calibration data on file with the testing Agency.

Proctor Data

Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)
P1	ASTM D698 - A	CL	16	110.9

Joey Goode

03/06/2024

Reviewed by: Joey Goode, PE



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Soil Density Report

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231853 (231853)
Glen at Widefield F12
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Test Results

Subject / Overall Test #	Test Location	Elevation (feet)	Reference	Test Date	Proctor ID	In Place Moist. (%)	In Place Dry Density (pcf)	Percent Comp.	Min Comp. (%)	Opt. Moisture Tolerance (%)	Rem. Code	Retest Of	Field Tech
1 / 45	Water: Main, STA 1 + 60 on Ground Cherry Trail.	-	At Grade	02/01/2024	P2	14.7	112.6	101.6	95	-1 / 3	DPMP		RL
2 / 46	Water: Main, STA 2 + 40 on Ground Cherry Trail.	2	Below Grade	02/01/2024	P2	14.9	114.3	103.2	95	-1 / 3	DPMP		RL
3 / 47	Water: Main, STA 2 + 75 on Ground Cherry Trail.	4	Below Grade	02/01/2024	P2	15.4	108.7	98.1	95	-1 / 3	DPMP		RL

Comments

DPMP : Density Pass / Moisture Pass
Tests are "Direct Transmission" (Method A). Gauge calibration data on file with the testing Agency.

Proctor Data

Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)
P2	ASTM D698 - A	CL	14.7	110.8

Joey Goode

02/14/2024

Reviewed by: Joey Goode, PE