



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

Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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 /106 0	Water: Main, STA 13 + 75 on House Rock Dr.	2	Below Grade	04/21/2025	P1	10.2	121.4	95	95	-2 / 2	DPMP		RF
28 /106 1	Water: Main, Lowering for Storm Water, STA 20 + 04 on Crystal Falls Dr.	2	Below Grade	04/21/2025	P2	9.8	114.1	95	95	-2 / 2	DPMP		RF
29 /106 2	Water: Valve, STA 19 + 84 on Crystal Falls Dr.	4	Below Grade	04/21/2025	P3	8.3	119.6	95	95	-2 / 2	DPMP		RF
30 /106 3	Water: Main, STA 10 + 50 on Crystal Falls Dr.	2	Below Grade	04/21/2025	P2	10.3	113.8	95	95	-2 / 2	DPMP		RF
31 /106 4	Water: Main, STA 26 + 50 on Shelter Creek Dr.	-	At Grade	04/21/2025	P3	9.2	119.2	95	95	-2 / 2	DPMP		RF
32 /106 5	Water: Valve, STA 26 + 30 on Shelter Creek Dr.	4	Below Grade	04/21/2025	P3	9.1	119.6	95	95	-2 / 2	DPMP		RF
103 /106 4 6	Sanitary Sewer: Manhole 1, STA 12 + 90 in the utility easement east of Manhole 3.	8	Below Grade	04/21/2025	P4	9.5	118.2	95	95	-2 / 2	DPMP		RF
103 /106 5 7	Sanitary Sewer: Manhole 2, STA 13 + 60 in the utility easement east of Manhole 3.	6	Below Grade	04/21/2025	P4	9.2	118.9	95	95	-2 / 2	DPMP		RF
103 /106 6 8	Sanitary Sewer: Main, STA 14 + 75 in the utility easement east of Manhole 3.	8	Below Grade	04/21/2025	P4	9.7	118.8	95	95	-2 / 2	DPMP		RF
33 /106 9	Water: Valve, STA 14 + 60 on Crystal Falls Dr.	4	Below Grade	04/21/2025	P3	8.8	119.2	95	95	-2 / 2	DPMP		RF
34 /107 0	Water: Valve, STA 24 + 26 on House Rock Dr.	4	Below Grade	04/21/2025	P1	9.8	121.5	95	95	-2 / 2	DPMP		RF
35 /107 1	Water: Main, Lowering for Storm Water, STA 20 + 04 on Crystal Falls Dr.	-	At Grade	04/22/2025	P2	11.1	115.4	96	95	-2 / 2	DPMP		RF
36 /107 2	Water: Main, STA 18 + 50 on Crystal Falls Dr.	-	At Grade	04/22/2025	P3	8.9	120.3	96	95	-2 / 2	DPMP		RF



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37 /107 3	Water: Main, STA 16 + 00 on Crystal Falls Dr.	-	At Grade	04/22/2025	P2	10.3	114.8	96	95	-2 / 2	DPMP		RF
38 /107 4	Water: Main, STA 12 + 00 on Crystal Falls Dr.	-	At Grade	04/22/2025	P2	9.9	115.8	96	95	-2 / 2	DPMP		RF
39 /107 5	Water: Main, STA 10 + 50 on Crystal Falls Dr.	-	At Grade	04/22/2025	P2	10.2	114.8	96	95	-2 / 2	DPMP		RF
40 /107 6	Water: Main, STA 11 + 50 on House Rock Dr.	4	Below Grade	04/22/2025	P2	10.3	114.5	95	95	-2 / 2	DPMP		RF
41 /107 7	Water: Valve, STA 26 + 30 on Shelter Creek Dr.	2	Below Grade	04/22/2025	P3	9.2	119.3	95	95	-2 / 2	DPMP		RF
42 /107 8	Water: Main, Lowering for Storm Water, STA 24 + 44 on House Rock Dr.	6	Below Grade	04/22/2025	P2	10.2	114.6	95	95	-2 / 2	DPMP		RF
103 /107 7 9	Sanitary Sewer: Manhole 1, STA 12 + 90 in the utility easement east of Manhole 3.	6	Below Grade	04/22/2025	P4	9.8	117.9	95	95	-2 / 2	DPMP		RF
103 /108 8 0	Sanitary Sewer: Manhole 2, STA 13 + 60 in the utility easement east of Manhole 3.	4	Below Grade	04/22/2025	P4	9.4	118.4	95	95	-2 / 2	DPMP		RF
103 /108 9 1	Sanitary Sewer: Main, STA 14 + 75 in the utility easement east of Manhole 3.	6	Below Grade	04/22/2025	P4	9.2	118.6	95	95	-2 / 2	DPMP		RF
43 /108 2	Water: Main, STA 11 + 50 on House Rock Dr.	2	Below Grade	04/22/2025	P2	10.1	113.8	95	95	-2 / 2	DPMP		RF
44 /108 3	Water: Main, STA 13 + 75 on House Rock Dr.	-	At Grade	04/22/2025	P2	10.4	114.6	95	95	-2 / 2	DPMP		RF
45 /108 4	Water: Main, STA 16 + 00 on House Rock Dr.	-	At Grade	04/22/2025	P1	9.2	120.8	95	95	-2 / 2	DPMP		RF
46 /108 5	Water: Valve, STA 19 + 84 on Crystal Falls Dr.	2	Below Grade	04/22/2025	P3	9.1	119.2	95	95	-2 / 2	DPMP		RF
47 /108 6	Water: Valve, STA 14 + 60 on Crystal Falls Dr.	2	Below Grade	04/22/2025	P3	9.1	118.9	95	95	-2 / 2	DPMP		RF



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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
48 /108 7	Water: Valve, STA 24 + 26 on House Rock Dr.	2	Below Grade	04/22/2025	P1	9.4	120.7	95	95	-2 / 2	DPMP		RF
49 /108 8	Water: Main, Lowering for Storm Water, STA 24 + 44 on House Rock Dr.	4	Below Grade	04/22/2025	P2	10.3	114.5	95	95	-2 / 2	DPMP		RF
50 /108 9	Water: Valves, STA 27 + 45 on Shelter Creek Dr.	4	Below Grade	04/22/2025	P2	9.6	114.5	95	95	-2 / 2	DPMP		RF
51 /109 0	Water: Main, STA 29 + 50 on Shelter Creek Dr.	4	Below Grade	04/22/2025	P2	9.8	114.4	95	95	-2 / 2	DPMP		RF
104 /109 0 1	Sanitary Sewer: Main, STA 14 + 75 in the utility easement east of Manhole 3.	4	Below Grade	04/22/2025	P4	10.1	118.0	95	95	-2 / 2	DPMP		RF
104 /109 1 2	Sanitary Sewer: Manhole 2, STA 13 + 60 in the utility easement east of Manhole 3.	2	Below Grade	04/22/2025	P4	9.9	118.2	95	95	-2 / 2	DPMP		RF
104 /109 2 3	Sanitary Sewer: Manhole 1, STA 12 + 90 in the utility easement east of Manhole 3.	4	Below Grade	04/22/2025	P4	10.2	117.8	95	95	-2 / 2	DPMP		RF
52 /109 4	Water: Valve, STA 24 + 26 on House Rock Dr.	-	At Grade	04/22/2025	P1	9.3	121.1	95	95	-2 / 2	DPMP		RF
53 /109 5	Water: Main, STA 29 + 50 on Shelter Creek Dr.	2	Below Grade	04/22/2025	P2	9.7	115.7	96	95	-2 / 2	DPMP		RF
54 /109 6	Water: Main, Lowering for Storm Water, STA 24 + 44 on House Rock Dr.	2	Below Grade	04/22/2025	P2	9.8	115.6	96	95	-2 / 2	DPMP		RF
55 /109 7	Water: Valves, STA 27 + 45 on Shelter Creek Dr.	2	Below Grade	04/22/2025	P2	9.6	114.8	96	95	-2 / 2	DPMP		RF
104 /109 3 8	Sanitary Sewer: Main, STA 14 + 75 in the utility easement east of Manhole 3.	2	Below Grade	04/22/2025	P4	9.2	118.5	95	95	-2 / 2	DPMP		RF
104 /109 4 9	Sanitary Sewer: Manhole 2, STA 13 + 60 in the utility easement east of Manhole 3.	-	At Grade	04/22/2025	P4	10.2	118.6	95	95	-2 / 2	DPMP		RF
104 /110 5 0	Sanitary Sewer: Manhole 1, STA 12 + 90 in the utility easement east of Manhole 3.	2	Below Grade	04/22/2025	P4	9.9	117.9	95	95	-2 / 2	DPMP		RF



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56 /110 1	Water: Hydrant 14 and Valve, STA 14 + 78 on House Rock Dr.	4	Below Grade	04/23/2025	P1	8.9	120.7	95	95	-2 / 2	DPMP		RF
57 /110 2	Water: Valve, STA 19 + 84 on Crystal Falls Dr.	-	At Grade	04/23/2025	P3	8.7	119.6	95	95	-2 / 2	DPMP		RF
58 /110 3	Water: Valves, STA 27 + 45 on Shelter Creek Dr.	-	At Grade	04/23/2025	P2	10.1	115.3	96	95	-2 / 2	DPMP		RF
59 /110 4	Water: Main, Lowering for Storm Water, STA 24 + 44 on House Rock Dr.	-	At Grade	04/23/2025	P2	9.8	114.3	95	95	-2 / 2	DPMP		RF
60 /110 5	Water: Main, STA 70 + 50 on Sunrise Ridge Dr.	4	Below Grade	04/23/2025	P2	10.5	114.3	95	95	-2 / 2	DPMP		RF
61 /110 6	Water: Main, STA 69 + 00 on Sunrise Ridge Dr.	4	Below Grade	04/23/2025	P2	10.2	113.7	95	95	-2 / 2	DPMP		RF
104 /110 6 7	Sanitary Sewer: Manhole 1, STA 12 + 90 in the utility easement east of Manhole 3.	-	At Grade	04/23/2025	P4	9.8	118.7	95	95	-2 / 2	DPMP		RF
62 /110 8	Water: Main, STA 11 + 50 on House Rock Dr.	-	At Grade	04/23/2025	P2	9.9	115.1	96	95	-2 / 2	DPMP		RF
63 /110 9	Water: Main, STA 73 + 00 on Sunrise Ridge Dr.	4	Below Grade	04/23/2025	P2	10.2	113.7	95	95	-2 / 2	DPMP		RF
64 /111 0	Water: Main, STA 70 + 50 on Sunrise Ridge Dr.	2	Below Grade	04/23/2025	P2	10.2	114.3	95	95	-2 / 2	DPMP		RF
65 /111 1	Water: Main, STA 69 + 00 on Sunrise Ridge Dr.	2	Below Grade	04/23/2025	P2	10.3	114.2	95	95	-2 / 2	DPMP		RF
66 /111 2	Water: Main, STA 29 + 50 on Shelter Creek Dr.	-	At Grade	04/23/2025	P2	9.8	115.1	96	95	-2 / 2	DPMP		RF
67 /111 3	Water: Main, STA 73 + 00 on Sunrise Ridge Dr.	2	Below Grade	04/23/2025	P2	9.8	114.2	95	95	-2 / 2	DPMP		RF
104 /111 7 4	Sanitary Sewer: Service, Lot 25 on Galeros Dr	14	Below Grade	04/23/2025	P4	9.9	122.4	98	95	-2 / 2	DPMP		RF



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68 /111 5	Water: Main, STA 73 + 00 on Sunrise Ridge Dr.	-	At Grade	04/23/2025	P2	9.8	115.1	96	95	-2 / 2	DPMP		RF
69 /111 6	Water: Main, STA 70 + 50 on Sunrise Ridge Dr.	-	At Grade	04/23/2025	P2	10.1	114.6	95	95	-2 / 2	DPMP		RF
1 /111 7	Storm Water: Main, STA 26 + 50 on Shelter Creek Dr.	2	Below Grade	04/24/2025	P3	9.1	118.9	95	95	-2 / 2	DPMP		RF
104 /111 8 8	Sanitary Sewer: Service, Lot 25 on Galeros Dr.	12	Below Grade	04/24/2025	P4	9.7	122.0	98	95	-2 / 2	DPMP		RF
104 /111 9 9	Sanitary Sewer: Service, Lot 103 on Galeros Dr.	12	Below Grade	04/24/2025	P4	9.5	121.8	98	95	-2 / 2	DPMP		RF
105 /112 0 0	Sanitary Sewer: Main, STA 27 + 50 on Galeros Dr.	12	Below Grade	04/24/2025	P4	9.4	121.9	98	95	-2 / 2	DPMP		RF
105 /112 1 1	Sanitary Sewer: Service, Lot 24 on Galeros Dr.	12	Below Grade	04/24/2025	P4	8.9	121.7	98	95	-2 / 2	DPMP		RF
2 /112 2	Storm Water: Main, STA 26 + 50 on Shelter Creek Dr.	-	At Grade	04/24/2025	P3	9.5	119.1	95	95	-2 / 2	DPMP		RF
70 /112 3	Water: Hydrant 14 and Valve, STA 14 + 78 on House Rock Dr.	2	Below Grade	04/24/2025	P1	9.4	120.8	95	95	-2 / 2	DPMP		RF
71 /112 4	Water: Main, STA 69 + 00 on Sunrise Ridge Dr.	-	At Grade	04/24/2025	P2	11.1	115.4	96	95	-2 / 2	DPMP		RF
72 /112 5	Water: Valves, STA 13 + 05 on House Rock Dr.	4	Below Grade	04/24/2025	P2	10.6	114.4	95	95	-2 / 2	DPMP		RF
105 /112 2 6	Sanitary Sewer: Service, Lot 25 on Galeros Dr.	10	Below Grade	04/24/2025	P4	9.8	121.7	98	95	-2 / 2	DPMP		RF
105 /112 3 7	Sanitary Sewer: Service, Lot 24 on Galeros Dr.	10	Below Grade	04/24/2025	P4	9.8	121.8	98	95	-2 / 2	DPMP		RF
105 /112 4 8	Sanitary Sewer: Main, STA 27 + 50 on Galeros Dr.	10	Below Grade	04/24/2025	P4	9.9	122.5	98	95	-2 / 2	DPMP		RF



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105 /112 5 9	Sanitary Sewer: Service, Lot 103 on Galeros Dr.	10	Below Grade	04/24/2025	P4	9.1	122.1	98	95	-2 / 2	DPMP		RF
105 /113 6 0	Sanitary Sewer: Service, Lot 104 on Galeros Dr.	10	Below Grade	04/24/2025	P4	9.7	121.6	98	95	-2 / 2	DPMP		RF
105 /113 7 1	Sanitary Sewer: Service, Lot 23 on Galeros Dr.	10	Below Grade	04/24/2025	P4	9.9	121.7	98	95	-2 / 2	DPMP		RF
73 /113 2	Water: Hydrant 15 and Valve, STA 17 + 81 on House Rock Dr.	4	Below Grade	04/24/2025	P1	9.1	121.2	95	95	-2 / 2	DPMP		RF
74 /113 3	Water: Valves, STA 13 + 05 on House Rock Dr.	2	At Grade	04/24/2025	P2	9.0	113.5	95	95	-2 / 2	DPMP		RF
75 /113 4	Water: Hydrant 14 and Valve, STA 14 + 78 on House Rock Dr.	-	At Grade	04/24/2025	P1	9.1	120.8	95	95	-2 / 2	DPMP		RF
76 /113 5	Water: Hydrant 16 and Valve, STA 21 + 77 on House Rock Dr.	4	Below Grade	04/24/2025	P1	9.5	120.9	95	95	-2 / 2	DPMP		RF
77 /113 6	Water: Hydrant 17 and Valve, STA 13 + 80 on Crystal Falls Dr.	4	Below Grade	04/24/2025	P2	9.7	113.9	95	95	-2 / 2	DPMP		RF
78 /113 7	Water: Valve, STA 26 + 30 on Shelter Creek Dr.	-	At Grade	04/24/2025	P4	8.9	118.6	95	95	-2 / 2	DPMP		RF
79 /113 8	Water: Hydrant 15 and Valve, STA 17 + 81 on House Rock Dr.	2	Below Grade	04/24/2025	P1	9.3	120.8	95	95	-2 / 2	DPMP		RF
80 /113 9	Water: Hydrant 16 and Valve, STA 21 + 77 on House Rock Dr.	2	Below Grade	04/24/2025	P1	9.6	121.4	95	95	-2 / 2	DPMP		RF
81 /114 0	Water: Hydrant 17 and Valve, STA 13 + 80 on Crystal Falls Dr.	2	Below Grade	04/24/2025	P2	10.4	114.1	95	95	-2 / 2	DPMP		RF
105 /114 8 1	Sanitary Sewer: Service, Lot 25 on Galeros Dr.	8	Below Grade	04/25/2025	P4	9.2	118.5	95	95	-2 / 2	DPMP		RF
105 /114 9 2	Sanitary Sewer: Main, STA 27 + 50 on Galeros Dr.	8	Below Grade	04/25/2025	P4	8.9	118.9	95	95	-2 / 2	DPMP		RF



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106 /114 0 3	Sanitary Sewer: Service, Lot 24 on Galeros Dr.	8	Below Grade	04/25/2025	P4	10.1	118.5	95	95	-2 / 2	DPMP		RF
106 /114 1 4	Sanitary Sewer: Service, Lot 103 on Galeros Dr.	8	Below Grade	04/25/2025	P4	10.1	118.3	95	95	-2 / 2	DPMP		RF
106 /114 2 5	Sanitary Sewer: Service, Lot 104 on Galeros Dr.	8	Below Grade	04/25/2025	P4	9.7	119.2	96	95	-2 / 2	DPMP		RF
106 /114 3 6	Sanitary Sewer: Service, Lot 23 on Galeros Dr.	8	Below Grade	04/25/2025	P4	9.3	118.8	95	95	-2 / 2	DPMP		RF
84 /114 7	Water: Main, STA 11 + 10 on Cardenas Dr.	4	Below Grade	04/25/2025	P3	9.2	120.7	96	95	-2 / 2	DPMP		RF
82 /114 8	Water: Valves, STA 13 + 05 on House Rock Dr.	-	At Grade	04/25/2025	P2	10.7	114.6	95	95	-2 / 2	DPMP		RF
83 /114 9	Water: Main, STA 11 + 10 on Cardenas Dr.	2	Below Grade	04/25/2025	P3	9.5	119.8	95	95	-2 / 2	DPMP		RF
85 /115 0	Water: Hydrant 15 and Valve, STA 17 + 81 on House Rock Dr.	-	At Grade	04/25/2025	P1	9.7	120.7	95	95	-2 / 2	DPMP		RF
86 /115 1	Water: Hydrant 16 and Valve, STA 21 + 77 on House Rock Dr.	-	At Grade	04/25/2025	P1	9.3	121.1	95	95	-2 / 2	DPMP		RF
87 /115 2	Water: Main, STA 11 + 10 on Cardenas Dr.	-	At Grade	04/25/2025	P3	9.1	119.4	95	95	-2 / 2	DPMP		RF

Remarks

DP/MP : 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 D1557 - B	SC	8.5	127.5
P2	ASTM D1557 - A	ML	10.1	120.1
P3	ASTM D1557 - B	SW	7.5	125.8
P4	ASTM D1557 - B	SC	8.2	124.7

04/26/2025

Reviewed by: Joey Goode, PE



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106 /115 4 3	Sanitary Sewer: Service, Lot 105 on Galeros Dr.	10	Below Grade	04/28/2025	P4	9.8	122.2	98	95	-2 / 2	DPMP		RF
106 /115 5 4	Sanitary Sewer: Service, Lot 106 on Galeros Dr.	10	Below Grade	04/28/2025	P4	10.0	121.7	98	95	-2 / 2	DPMP		RF
106 /115 6 5	Sanitary Sewer: Service, Lot 107 on Galeros Dr.	10	Below Grade	04/28/2025	P4	10.1	121.9	98	95	-2 / 2	DPMP		RF
106 /115 7 6	Sanitary Sewer: Service, Lot 20 on Galeros Dr.	10	Below Grade	04/28/2025	P4	9.6	121.6	98	95	-2 / 2	DPMP		RF
106 /115 8 7	Sanitary Sewer: Service, Lot 21 on Galeros Dr.	10	Below Grade	04/28/2025	P4	9.9	121.7	98	95	-2 / 2	DPMP		RF
106 /115 9 8	Sanitary Sewer: Service, Lot 22 on Galeros Dr.	10	Below Grade	04/28/2025	P4	9.7	122.3	98	95	-2 / 2	DPMP		RF
107 /115 0 9	Sanitary Sewer: Main, STA 29 + 00 on Galeros Dr.	10	Below Grade	04/28/2025	P4	9.9	121.8	98	95	-2 / 2	DPMP		RF
88 /116 0	Water: Valve, STA 10 + 60 on Cardenas Dr.	4	Below Grade	04/28/2025	P3	9.1	118.9	95	95	-2 / 2	DPMP		RF
89 /116 1	Water: Valve, STA 10 + 60 on Cardenas Dr.	2	Below Grade	04/28/2025	P3	9.3	119.4	95	95	-2 / 2	DPMP		RF
90 /116 2	Water: Hydrant 18 and Valve, STA 17 + 75 Crystal Falls Dr.	4	At Grade	04/28/2025	P2	10.6	114.1	95	95	-2 / 2	DPMP		RF
91 /116 3	Water: Hydrant 18 and Valve, STA 17 + 75 Crystal Falls Dr.	2	At Grade	04/28/2025	P2	9.9	113.9	95	95	-2 / 2	DPMP		RF
107 /116 1 4	Sanitary Sewer: Main, STA 30 + 50 on Galeros Dr.	10	Below Grade	04/28/2025	P4	10.2	121.8	98	95	-2 / 2	DPMP		RF
107 /116 2 5	Sanitary Sewer: Service, Lot 19 on Galeros Dr.	10	Below Grade	04/28/2025	P4	10.1	122.3	98	95	-2 / 2	DPMP		RF



Entech Engineering
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Phone: 719-531-5599

Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
107 /116 3 6	Sanitary Sewer: Service, Lot 108 on Galeros Dr.	10	Below Grade	04/28/2025	P4	10.2	121.7	98	95	-2 / 2	DPMP		RF
107 /116 4 7	Sanitary Sewer: Service, Lot 107 on Galeros Dr.	8	Below Grade	04/28/2025	P4	9.7	117.8	95	95	-2 / 2	DPMP		RF
107 /116 5 8	Sanitary Sewer: Service, Lot 20 on Galeros Dr.	8	Below Grade	04/28/2025	P4	10.2	118.7	95	95	-2 / 2	DPMP		RF
107 /116 6 9	Sanitary Sewer: Service, Lot 25 on Galeros Dr.	6	Below Grade	04/29/2025	P4	10.0	118.5	95	95	-2 / 2	DPMP		RF
107 /117 7 0	Sanitary Sewer: Main, STA 27 + 50 on Galeros Dr.	6	Below Grade	04/29/2025	P4	9.9	118.2	95	95	-2 / 2	DPMP		RF
107 /117 8 1	Sanitary Sewer: Service, Lot 24 on Galeros Dr.	6	Below Grade	04/29/2025	P4	9.2	118.3	95	95	-2 / 2	DPMP		RF
107 /117 9 2	Sanitary Sewer: Service, Lot 103 on Galeros Dr.	6	Below Grade	04/29/2025	P4	9.5	117.9	95	95	-2 / 2	DPMP		RF
108 /117 0 3	Sanitary Sewer: Service, Lot 104 on Galeros Dr.	6	Below Grade	04/29/2025	P4	10.2	118.1	95	95	-2 / 2	DPMP		RF
108 /117 1 4	Sanitary Sewer: Service, Lot 23 on Galeros Dr.	6	Below Grade	04/29/2025	P4	9.4	118.7	95	95	-2 / 2	DPMP		RF
108 /117 2 5	Sanitary Sewer: Service, Lot 105 on Galeros Dr.	8	Below Grade	04/29/2025	P4	9.3	118.5	95	95	-2 / 2	DPMP		RF
108 /117 3 6	Sanitary Sewer: Service, Lot 22 on Galeros Dr.	8	Below Grade	04/29/2025	P4	9.8	118.0	95	95	-2 / 2	DPMP		RF
108 /117 4 7	Sanitary Sewer: Main, STA 29 + 00 on Galeros Dr.	8	Below Grade	04/29/2025	P4	10.1	118.3	95	95	-2 / 2	DPMP		RF
108 /117 5 8	Sanitary Sewer: Service, Lot 106 on Galeros Dr.	8	Below Grade	04/29/2025	P4	10.1	118.4	95	95	-2 / 2	DPMP		RF



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Soil Density Report

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
108 /117 6 9	Sanitary Sewer: Service, Lot 21 on Galeros Dr.	8	Below Grade	04/29/2025	P4	9.9	118.3	95	95	-2 / 2	DPMP		RF
92 /118 0	Water: Valve, STA 74 + 40 on Sunrise Ridge Dr.	4	Below Grade	04/29/2025	P2	10.4	113.8	95	95	-2 / 2	DPMP		RF
93 /118 1	Water: Main, STA 35 + 00 on Shelter Creek Dr.	4	Below Grade	04/29/2025	P3	9.4	119.2	95	95	-2 / 2	DPMP		RF
94 /118 2	Water: Main, STA 35 + 00 on Shelter Creek Dr.	2	Below Grade	04/29/2025	P3	9.1	119.3	95	95	-2 / 2	DPMP		RF
4 /118 3	Storm Water: Main, STA 29 + 00 on Shelter Creek Dr.	4	Below Grade	04/29/2025	P2	10.6	114.6	95	95	-2 / 2	DPMP		RF
108 /118 7 4	Sanitary Sewer: Main, STA 14 + 75 in the utility easement east of Manhole 3.	-	At Grade	04/29/2025	P4	9.8	118.7	95	95	-2 / 2	DPMP		RF
108 /118 8 5	Sanitary Sewer: Service, Lot 103 on Galeros Dr.	4	Below Grade	04/29/2025	P4	9.3	117.9	95	95	-2 / 2	DPMP		RF
108 /118 9 6	Sanitary Sewer: Service, Lot 24 on Galeros Dr.	4	Below Grade	04/29/2025	P4	10.0	117.9	95	95	-2 / 2	DPMP		RF
109 /118 0 7	Sanitary Sewer: Main, STA 27 + 50 on Galeros Dr.	4	Below Grade	04/29/2025	P4	9.5	119.7	96	95	-2 / 2	DPMP		RF
109 /118 1 8	Sanitary Sewer: Service, Lot 104 on Galeros Dr.	4	Below Grade	04/29/2025	P4	9.8	118.4	95	95	-2 / 2	DPMP		RF
109 /118 2 9	Sanitary Sewer: Service, Lot 23 on Galeros Dr.	4	Below Grade	04/29/2025	P4	10.1	118.0	95	95	-2 / 2	DPMP		RF
109 /119 3 0	Sanitary Sewer: Service, Lot 109 on Galeros Dr.	10	Below Grade	04/29/2025	P4	9.5	122.5	98	95	-2 / 2	DPMP		RF
109 /119 4 1	Sanitary Sewer: Service, Lot 18 on Galeros Dr.	10	Below Grade	04/29/2025	P4	10.2	122.7	98	95	-2 / 2	DPMP		RF
109 /119 5 2	Sanitary Sewer: Main, STA 30 + 50 on Galeros Dr.	8	Below Grade	04/29/2025	P4	9.9	118.8	95	95	-2 / 2	DPMP		RF



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Soil Density Report

Client:

Tech Contractors
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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
109 /119 6 3	Sanitary Sewer: Service, Lot 19 on Galeros Dr.	8	Below Grade	04/29/2025	P4	9.8	118.2	95	95	-2 / 2	DPMP		RF
109 /119 7 4	Sanitary Sewer: Service, Lot 108 on Galeros Dr.	8	Below Grade	04/29/2025	P4	10.1	118.4	95	95	-2 / 2	DPMP		RF
109 /119 8 5	Sanitary Sewer: Service, Lot 20 on Galeros Dr.	6	Below Grade	04/29/2025	P4	9.7	118.8	95	95	-2 / 2	DPMP		RF
109 /119 9 6	Sanitary Sewer: Service, Lot 107 on Galeros Dr.	6	Below Grade	04/29/2025	P4	9.9	118.2	95	95	-2 / 2	DPMP		RF
110 /119 0 7	Sanitary Sewer: Service, Lot 106 on Galeros Dr.	6	Below Grade	04/29/2025	P4	10.1	118.3	95	95	-2 / 2	DPMP		RF
110 /119 1 8	Sanitary Sewer: Service, Lot 21 on Galeros Dr.	6	Below Grade	04/29/2025	P4	9.5	118.2	95	95	-2 / 2	DPMP		RF
110 /119 2 9	Sanitary Sewer: Main, STA 29 + 00 on Galeros Dr.	6	Below Grade	04/29/2025	P4	10.0	118.4	95	95	-2 / 2	DPMP		RF
110 /120 3 0	Sanitary Sewer: Service, Lot 105 on Galeros Dr.	6	Below Grade	04/29/2025	P4	9.1	117.8	95	95	-2 / 2	DPMP		RF
110 /120 4 1	Sanitary Sewer: Service, Lot 22 on Galeros Dr.	6	Below Grade	04/29/2025	P4	9.7	117.9	95	95	-2 / 2	DPMP		RF
5 /120 2	Storm Water: Main, STA 29 + 00 on Shelter Creek Dr.	2	Below Grade	04/29/2025	P2	10.4	114.9	96	95	-2 / 2	DPMP		RF
95 /120 3	Water: Hydrant 19 and Valve, STA 28 +15 on Shelter Creek Dr.	4	Below Grade	04/29/2025	P2	10.6	113.8	95	95	-2 / 2	DPMP		RF
96 /120 4	Water: Valves, STA 33 + 68 on Shelter Creek Dr.	4	Below Grade	04/29/2025	P3	8.3	119.2	95	95	-2 / 2	DPMP		RF
97 /120 5	Water: Hydrant 19 and Valve, STA 28 +15 on Shelter Creek Dr.	2	Below Grade	04/29/2025	P2	10.8	113.8	95	95	-2 / 2	DPMP		RF
98 /120 6	Water: Valves, STA 30 + 68 on Shelter Creek Dr.	4	Below Grade	04/29/2025	P2	10.2	114.3	95	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
99 /120 7	Water: Valves, STA 33 + 68 on Shelter Creek Dr.	2	Below Grade	04/29/2025	P3	8.7	119.3	95	95	-2 / 2	DPMP		RF
100 /120 8	Water: Valve, STA 35 + 41 on Shelter Creek Dr.	4	Below Grade	04/29/2025	P3	9.4	119.5	95	95	-2 / 2	DPMP		RF
101 /120 9	Water: Valves STA 30 + 68 on Shelter Creek Dr.	2	Below Grade	04/29/2025	P2	10.7	113.8	95	95	-2 / 2	DPMP		RF

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 - B	SC	8.2	124.7
P3	ASTM D1557 - B	SW	7.5	125.8
P2	ASTM D1557 - A	ML	10.1	120.1

05/07/2025

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
102 /121 0	Water: Valve, STA 74 + 40 on Sunrise Ridge Dr.	2	Below Grade	04/30/2025	P2	10.6	114.7	96	95	-2 / 2	DPMP		RF
103 /121 1	Water: Hydrant 20 and Valve, STA 32 + 23 on Shelter Creek Dr.	4	Below Grade	04/30/2025	P3	8.4	119.2	95	95	-2 / 2	DPMP		RF
104 /121 2	Water: Hydrant 20 and Valve, STA 32 + 23 on Shelter Creek Dr.	2	Below Grade	04/30/2025	P3	9.3	119.1	95	95	-2 / 2	DPMP		RF
105 /121 3	Water: Valve, STA 78 + 80 on Sunrise Ridge Dr.	4	Below Grade	04/30/2025	P2	9.9	113.8	95	95	-2 / 2	DPMP		RF
106 /121 4	Water: Valve, STA 78 + 80 on Sunrise Ridge Dr.	2	Below Grade	04/30/2025	P2	9.4	114.7	96	95	-2 / 2	DPMP		RF
107 /121 5	Water: Hydrant 12 and Valve, STA 75 + 88 on Sunrise Ridge Dr.	4	Below Grade	04/30/2025	P2	11.2	114.3	95	95	-2 / 2	DPMP		RF
108 /121 6	Water: Hydrant 12 and Valve, STA 75 + 88 on Sunrise Ridge Dr.	2	Below Grade	04/30/2025	P2	11.5	115.4	96	95	-2 / 2	DPMP		RF
109 /121 7	Water: Valves, STA 69 + 60 on Sunrise Ridge Dr.	4	Below Grade	04/30/2025	P2	9.7	114.3	95	95	-2 / 2	DPMP		RF
110 /121 8	Water: Hydrant 11 and Valve, STA 71 + 70 on Sunrise Ridge Dr.	4	Below Grade	04/30/2025	P2	10.3	113.8	95	95	-2 / 2	DPMP		RF
111 /121 9	Water: Main, STA 77 + 50 on Sunrise Ridge Dr.	4	Below Grade	04/30/2025	P2	9.3	113.9	95	95	-2 / 2	DPMP		RF
112 /122 0	Water: Main, Lowering for Storm Water, STA 79 + 00 on Sunrise Ridge Dr.	6	Below Grade	04/30/2025	P3	8.8	120.4	96	95	-2 / 2	DPMP		RF
113 /122 1	Water: Hydrant 11 and Valve, STA 71 + 70 on Sunrise Ridge Dr.	2	Below Grade	04/30/2025	P2	10.0	114.9	96	95	-2 / 2	DPMP		RF
114 /122 2	Water: Valves, STA 69 + 60 on Sunrise Ridge Dr.	2	Below Grade	04/30/2025	P2	10.3	114.6	95	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
115 /122 3	Water: Valve, STA 11 + 65 on Cardenas Dr.	4	Below Grade	04/30/2025	P3	8.7	119.2	95	95	-2 / 2	DPMP		RF
116 /122 4	Water: Valve, STA 67 + 80 on Sunrise Ridge Dr.	4	Below Grade	04/30/2025	P2	10.4	114.1	95	95	-2 / 2	DPMP		RF
110 /122 5 5	Sanitary Sewer: Manhole 3, STA 15 + 40 for the utility easement.	14	Below Grade	04/30/2025	P4	10.1	121.9	98	95	-2 / 2	DPMP		RF
110 /122 6 6	Sanitary Sewer: Service, Lot 26 on Horn Hill Dr.	14	Below Grade	04/30/2025	P4	9.9	122.1	98	95	-2 / 2	DPMP		RF
110 /122 7 7	Sanitary Sewer: Service, Lot 27 on Horn Hill Dr.	12	Below Grade	04/30/2025	P4	9.3	122.4	98	95	-2 / 2	DPMP		RF
110 /122 8 8	Sanitary Sewer: Service, Lot 22 on Galeros Dr.	4	Below Grade	04/30/2025	P4	9.8	118.1	95	95	-2 / 2	DPMP		RF
110 /122 9 9	Sanitary Sewer: Service, Lot 105 on Galeros Dr.	4	Below Grade	04/30/2025	P4	10.2	118.3	95	95	-2 / 2	DPMP		RF
111 /123 0 0	Sanitary Sewer: Service, Lot 21 on Galeros Dr.	4	Below Grade	04/30/2025	P4	10.1	119.1	96	95	-2 / 2	DPMP		RF
111 /123 1 1	Sanitary Sewer: Service, Lot 106 on Galeros Dr.	4	Below Grade	04/30/2025	P4	9.0	117.9	95	95	-2 / 2	DPMP		RF
111 /123 2 2	Sanitary Sewer: Main, STA 29 + 00 on Galeros Dr.	4	Below Grade	04/30/2025	P4	9.7	119.6	96	95	-2 / 2	DPMP		RF
111 /123 3 3	Sanitary Sewer: Service, Lot 20 on Galeros Dr.	4	Below Grade	04/30/2025	P4	10.1	117.8	95	95	-2 / 2	DPMP		RF
111 /123 4 4	Sanitary Sewer: Service, Lot 107 on Galeros Dr.	4	Below Grade	04/30/2025	P4	10.2	118.7	95	95	-2 / 2	DPMP		RF
111 /123 5 5	Sanitary Sewer: Service, Lot 19 on Galeros Dr.	6	Below Grade	04/30/2025	P4	9.8	118.6	95	95	-2 / 2	DPMP		RF
111 /123 6 6	Sanitary Sewer: Main, STA 30 + 50 on Galeros Dr.	6	Below Grade	04/30/2025	P4	9.3	118.3	95	95	-2 / 2	DPMP		RF



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111 /123 7 7	Sanitary Sewer: Service, Lot 108 on Galeros Dr.	6	Below Grade	04/30/2025	P4	10.3	119.3	96	95	-2 / 2	DPMP		RF
111 /123 8 8	Sanitary Sewer: Service, Lot 109 on Galeros Dr.	8	Below Grade	04/30/2025	P4	9.9	118.7	95	95	-2 / 2	DPMP		RF
111 /123 9 9	Sanitary Sewer: Service, Lot 18 on Galeros Dr.	8	Below Grade	04/30/2025	P4	10.2	118.9	95	95	-2 / 2	DPMP		RF
1 /124 0	Overlot: STA 63 + 00 on Sunrise Ridge Dr.	5	Below Grade	04/30/2025	P4	10.2	118.1	95	95	-2 / 2	DPMP		RF
117 /124 1	Water: Valves, STA 10 + 10 on House Rock Dr.	4	Below Grade	04/30/2025	P3	8.1	119.1	95	95	-2 / 2	DPMP		RF
118 /124 2	Water: Valves, STA 10 + 10 on House Rock Dr.	2	Below Grade	04/30/2025	P3	9.0	119.7	95	95	-2 / 2	DPMP		RF
119 /124 3	Water: Hydrant 13 and Valve, STA 10 + 42 on House Rock Dr.	4	Below Grade	04/30/2025	P2	10.6	115.6	96	95	-2 / 2	DPMP		RF
2 /124 4	Overlot: STA 67 + 00 on Sunrise Ridge Dr.	5	Below Grade	04/30/2025	P3	8.8	119.2	95	95	-2 / 2	DPMP		RF
120 /124 5	Water: Hydrant 13 and Valve, STA 10 + 42 on House Rock Dr.	2	Below Grade	04/30/2025	P2	10.9	114.1	95	95	-2 / 2	DPMP		RF
112 /124 0 6	Sanitary Sewer: Service, Lot 25 on Galeros Dr.	4	Below Grade	04/30/2025	P4	9.8	118.8	95	95	-2 / 2	DPMP		RF
112 /124 1 7	Sanitary Sewer: Service, Lot 28 on Horn Hill Dr.	10	Below Grade	04/30/2025	P4	9.9	121.8	98	95	-2 / 2	DPMP		RF
112 /124 2 8	Sanitary Sewer: Service, Lot 27 on Horn Hill Dr.	10	Below Grade	04/30/2025	P4	9.7	122.4	98	95	-2 / 2	DPMP		RF
112 /124 3 9	Sanitary Sewer: Service, Lot 26 on Horn Hill Dr.	12	Below Grade	04/30/2025	P4	10.1	122.3	98	95	-2 / 2	DPMP		RF
112 /125 4 0	Sanitary Sewer: Manhole 3, STA 15 + 40 for the utility easement.	12	Below Grade	04/30/2025	P4	9.3	122.5	98	95	-2 / 2	DPMP		RF



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112 /125 5 1	Sanitary Sewer: Main, STA 30 + 50 on Galeros Dr.	4	Below Grade	04/30/2025	P4	10.2	118.4	95	95	-2 / 2	DPMP		RF
112 /125 6 2	Sanitary Sewer: Service, Lot 108 on Galeros Dr.	4	Below Grade	04/30/2025	P4	9.6	118.6	95	95	-2 / 2	DPMP		RF
112 /125 7 3	Sanitary Sewer: Service, Lot 19 on Galeros Dr.	4	Below Grade	04/30/2025	P4	9.5	118.1	95	95	-2 / 2	DPMP		RF
3 /125 4	Overlot: STA 62 + 75 on Sunrise Ridge Dr.	4	Below Grade	04/30/2025	P4	9.9	118.7	95	95	-2 / 2	DPMP		RF
4 /125 5	Overlot: STA 63 + 25 on Sunrise Ridge Dr.	4	Below Grade	04/30/2025	P4	9.7	119.2	96	95	-2 / 2	DPMP		RF
121 /125 6	Water: Main, Lowering for Storm Water, STA 79 + 00 on Sunrise Ridge Dr.	4	Below Grade	04/30/2025	P3	9.2	119.6	95	95	-2 / 2	DPMP		RF
122 /125 7	Water: Main, STA 77 + 50 on Sunrise Ridge Dr.	2	Below Grade	04/30/2025	P2	10.1	114.6	95	95	-2 / 2	DPMP		RF
112 /125 8 8	Sanitary Sewer: Service, Lot 25 on Galeros Dr.	2	Below Grade	04/30/2025	P4	8.9	118.1	95	95	-2 / 2	DPMP		RF
112 /125 9 9	Sanitary Sewer: Service, Lot 28 on Horn Hill Dr.	8	Below Grade	04/30/2025	P4	10.0	117.8	95	95	-2 / 2	DPMP		RF
113 /126 0 0	Sanitary Sewer: Service, Lot 27 on Horn Hill Dr.	8	Below Grade	04/30/2025	P4	9.4	117.9	95	95	-2 / 2	DPMP		RF
113 /126 1 1	Sanitary Sewer: Service, Lot 26 on Horn Hill Dr.	10	Below Grade	04/30/2025	P4	9.5	118.9	95	95	-2 / 2	DPMP		RF
113 /126 2 2	Sanitary Sewer: Manhole 3, STA 15 + 40 for the utility easement.	10	Below Grade	04/30/2025	P4	9.4	121.9	98	95	-2 / 2	DPMP		RF
5 /126 3	Overlot: STA 66 + 75 on Sunrise Ridge Dr.	4	Below Grade	04/30/2025	P3	8.8	119.2	95	95	-2 / 2	DPMP		RF
123 /126 4	Water: Valve, STA 14 + 60 on Crystal Falls Dr.	-	At Grade	04/30/2025	P3	8.6	119.4	95	95	-2 / 2	DPMP		RF



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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
124 /126 5	Water: Hydrant 19 and Valve, STA 28 + 15 on Shelter Creek Dr.	-	At Grade	04/30/2025	P2	10.1	114.7	96	95	-2 / 2	DPMP		RF
113 /126 3 6	Sanitary Sewer: Manhole 3, STA 15 + 40 for the utility easement.	8	Below Grade	04/30/2025	P4	8.9	118.7	95	95	-2 / 2	DPMP		RF
6 /126 7	Overlot: STA 62 + 75 on Sunrise Ridge Dr.	4	Below Grade	05/01/2025	P3	8.7	119.4	95	95	-2 / 2	DPMP		RF
7 /126 8	Overlot: STA 64 + 25 on Sunrise Ridge Dr.	4	Below Grade	05/01/2025	P3	9.1	119.9	95	95	-2 / 2	DPMP		RF
113 /126 4 9	Sanitary Sewer: Service, Lot 30 on Horn Hill Dr.	10	Below Grade	05/01/2025	P4	10.1	122.1	98	95	-2 / 2	DPMP		RF
113 /127 5 0	Sanitary Sewer: Service, Lot 29 on Horn Hill Dr.	10	Below Grade	05/01/2025	P4	10.2	121.9	98	95	-2 / 2	DPMP		RF
113 /127 6 1	Sanitary Sewer: Main, STA 25 + 50 on Horn Hill Dr.	10	Below Grade	05/01/2025	P4	9.8	122.2	98	95	-2 / 2	DPMP		RF
113 /127 7 2	Sanitary Sewer: Service, Lot 28 on Horn Hill Dr.	6	Below Grade	05/01/2025	P4	9.9	121.9	98	95	-2 / 2	DPMP		RF
113 /127 8 3	Sanitary Sewer: Service, Lot 27 on Horn Hill Dr.	6	Below Grade	05/01/2025	P4	9.3	118.3	95	95	-2 / 2	DPMP		RF
113 /127 9 4	Sanitary Sewer: Service, Lot 26 on Horn Hill Dr.	8	Below Grade	05/01/2025	P4	9.9	118.1	95	95	-2 / 2	DPMP		RF
114 /127 0 5	Sanitary Sewer: Manhole 3, STA 15 + 40 for the utility easement.	6	Below Grade	05/01/2025	P4	10.2	118.7	95	95	-2 / 2	DPMP		RF
114 /127 1 6	Sanitary Sewer: Main, STA 27 + 50 on Galeros Dr.	2	Below Grade	05/01/2025	P4	9.4	119.2	96	95	-2 / 2	DPMP		RF
114 /127 2 7	Sanitary Sewer: Service, Lot 103 on Galeros Dr.	2	Below Grade	05/01/2025	P4	9.1	119.8	96	95	-2 / 2	DPMP		RF
114 /127 3 8	Sanitary Sewer: Service, Lot 24 on Galeros Dr.	2	Below Grade	05/01/2025	P4	9.3	118.9	95	95	-2 / 2	DPMP		RF



Entech Engineering
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Phone: 719-531-5599

Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
114 /127 4 9	Sanitary Sewer: Service, Lot 104 on Galeros Dr.	2	Below Grade	05/01/2025	P4	10.2	118.1	95	95	-2 / 2	DPMP		RF
114 /128 5 0	Sanitary Sewer: Service, Lot 23 on Galeros Dr.	2	Below Grade	05/01/2025	P4	9.8	117.9	95	95	-2 / 2	DPMP		RF
114 /128 6 1	Sanitary Sewer: Service, Lot 105 on Galeros Dr.	2	Below Grade	05/01/2025	P4	9.8	118.2	95	95	-2 / 2	DPMP		RF
114 /128 7 2	Sanitary Sewer: Service, Lot 22 on Galeros Dr.	2	Below Grade	05/01/2025	P4	9.3	117.9	95	95	-2 / 2	DPMP		RF
114 /128 8 3	Sanitary Sewer: Main, STA 29 + 00 on Galeros Dr.	2	Below Grade	05/01/2025	P4	9.6	119.4	96	95	-2 / 2	DPMP		RF
114 /128 9 4	Sanitary Sewer: Service, Lot 106 on Galeros Dr.	2	Below Grade	05/01/2025	P4	10.2	117.8	95	95	-2 / 2	DPMP		RF
115 /128 0 5	Sanitary Sewer: Service, Lot 21 on Galeros Dr.	2	Below Grade	05/01/2025	P4	10.1	118.1	95	95	-2 / 2	DPMP		RF
115 /128 1 6	Sanitary Sewer: Service, Lot 20 on Galeros Dr.	2	Below Grade	05/01/2025	P4	9.9	118.2	95	95	-2 / 2	DPMP		RF
115 /128 2 7	Sanitary Sewer: Service, Lot 107 on Galeros Dr.	2	Below Grade	05/01/2025	P4	10.2	118.1	95	95	-2 / 2	DPMP		RF
115 /128 3 8	Sanitary Sewer: Service, Lot 108 on Galeros Dr.	2	Below Grade	05/01/2025	P4	9.7	119.4	96	95	-2 / 2	DPMP		RF
115 /128 4 9	Sanitary Sewer: Service, Lot 19 on Galeros Dr.	2	Below Grade	05/01/2025	P4	10.1	118.7	95	95	-2 / 2	DPMP		RF
115 /129 5 0	Sanitary Sewer: Main, STA 30 + 50 on Galeros Dr.	2	Below Grade	05/01/2025	P4	10.1	118.7	95	95	-2 / 2	DPMP		RF
115 /129 6 1	Sanitary Sewer: Service, Lot 109 on Galeros Dr.	6	Below Grade	05/01/2025	P4	10.2	118.0	95	95	-2 / 2	DPMP		RF



Entech Engineering
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Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
115 /129 7 2	Sanitary Sewer: Service, Lot 18 on Galeros Dr.	6	Below Grade	05/01/2025	P4	9.8	118.3	95	95	-2 / 2	DPMP		RF
8 /129 3	Overlot: STA 67 + 25 on Sunrise Ridge Dr.	2	Below Grade	05/01/2025	P3	9.4	119.2	95	95	-2 / 2	DPMP		RF
6 /129 4	Storm Water: Main, STA 30 + 50 on Shelter Creek Dr.	2	Below Grade	05/01/2025	P2	9.7	115.1	96	95	-2 / 2	DPMP		RF
115 /129 8 5	Sanitary Sewer: Service, Lot 30 on Horn Hill Dr.	8	Below Grade	05/01/2025	P4	10.1	120.5	97	95	-2 / 2	DPMP		RF
115 /129 9 6	Sanitary Sewer: Service, Lot 29 on Horn Hill Dr.	8	Below Grade	05/01/2025	P4	10.1	119.3	96	95	-2 / 2	DPMP		RF
116 /129 0 7	Sanitary Sewer: Main, STA 25 + 50 on Horn Hill Dr.	8	Below Grade	05/01/2025	P4	10.2	118.6	95	95	-2 / 2	DPMP		RF
116 /129 1 8	Sanitary Sewer: Service, Lot 28 on Horn Hill Dr.	4	Below Grade	05/01/2025	P4	10.0	118.3	95	95	-2 / 2	DPMP		RF
116 /129 2 9	Sanitary Sewer: Service, Lot 27 on Horn Hill Dr.	4	Below Grade	05/01/2025	P4	9.8	118.7	95	95	-2 / 2	DPMP		RF
116 /130 3 0	Sanitary Sewer: Service, Lot 26 on Horn Hill Dr.	6	Below Grade	05/01/2025	P4	10.1	118.4	95	95	-2 / 2	DPMP		RF
116 /130 4 1	Sanitary Sewer: Manhole 3, STA 15 + 40 for the utility easement.	4	Below Grade	05/01/2025	P4	9.9	118.4	95	95	-2 / 2	DPMP		RF

Remarks

DP/MP : Density Pass / Moisture Pass

Comments

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



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Soil Density Report

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, CO

Proctor Data

Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)
P2	ASTM D1557 - A	ML	10.1	120.1
P3	ASTM D1557 - B	SW	7.5	125.8
P4	ASTM D1557 - B	SC	8.2	124.7

05/08/2025

Reviewed by: Joey Goode, PE



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Soil Density Report

Client:

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
10 /134 3	Storm Water: Main, STA 35 + 00 on Shelter Creek Dr.	2	Below Grade	05/07/2025	P3	9.3	119.5	95	95	-2 / 2	DPMP		RF
144 /134 4	Water: Hydrant 18 and Valve, STA 17 + 75 on Crystal Falls Dr.	-	At Grade	05/08/2025	P2	11.7	115.6	96	95	-2 / 2	DPMP		RF
118 /134 2 5	Sanitary Sewer: Service, Lot 65 (RHN/F2) on Galeros Dr.	12	Below Grade	05/08/2025	P6	10.1	124.6	98	95	-2 / 2	DPMP		RF
11 /134 6	Storm Water: Main, STA 29 + 00 on Shelter Creek Dr.	-	At Grade	05/08/2025	P2	11.7	115.3	96	95	-2 / 2	DPMP		RF
118 /134 3 7	Sanitary Sewer: Main, STA 25 + 50 on Horn Hill Dr.	2	Below Grade	05/08/2025	P4	10.2	118.4	95	95	-2 / 2	DPMP		RF
118 /134 4 8	Sanitary Sewer: Service, Lot 29 on Horn Hill Dr.	2	Below Grade	05/08/2025	P4	9.8	119.9	96	95	-2 / 2	DPMP		RF
118 /134 5 9	Sanitary Sewer: Service, Lot 30 on Horn Hill Dr.	2	Below Grade	05/08/2025	P4	10.1	119.5	96	95	-2 / 2	DPMP		RF
118 /135 6 0	Sanitary Sewer: Main, STA 34 + 00 on Galeros Dr.	12	Below Grade	05/08/2025	P6	10.0	123.6	98	95	-2 / 2	DPMP		RF
118 /135 7 1	Sanitary Sewer: Service, Lot 63 (RHN/F2) on Galeros Dr.	12	Below Grade	05/08/2025	P6	10.2	124.2	98	95	-2 / 2	DPMP		RF
118 /135 8 2	Sanitary Sewer: Service, Lot 65 (RHN/F2) on Galeros Dr.	10	Below Grade	05/08/2025	P6	9.9	124.7	98	95	-2 / 2	DPMP		RF
118 /135 9 3	Sanitary Sewer: Service, Lot 89 on Tapeats Dr.	10	Below Grade	05/08/2025	P5	11.9	117.7	98	95	-2 / 2	DPMP		RF
119 /135 0 4	Sanitary Sewer: Service, Lot 102 on Tapeats Dr.	10	Below Grade	05/08/2025	P5	12.1	118.1	98	95	-2 / 2	DPMP		RF
119 /135 1 5	Sanitary Sewer: Service, Lot 109 on Galeros Dr.	2	Below Grade	05/08/2025	P4	10.0	119.8	96	95	-2 / 2	DPMP		RF



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Soil Density Report

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San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
119 /135 2 6	Sanitary Sewer: Service, Lot 18 on Galeros Dr.	2	Below Grade	05/08/2025	P4	9.8	118.3	95	95	-2 / 2	DPMP		RF
119 /135 3 7	Sanitary Sewer: Service, Lot 63 (RHN/F2) on Galeros Dr.	10	Below Grade	05/08/2025	P6	10.1	124.4	98	95	-2 / 2	DPMP		RF
119 /135 4 8	Sanitary Sewer: Service, Lot 64 (RHN/F2) on Galeros Dr.	12	Below Grade	05/08/2025	P6	10.2	123.6	98	95	-2 / 2	DPMP		RF
119 /135 5 9	Sanitary Sewer: Main, STA 33 + 00 on Galeros Dr.	12	Below Grade	05/08/2025	P6	9.7	124.2	98	95	-2 / 2	DPMP		RF
119 /136 6 0	Sanitary Sewer: Main, STA 34 + 00 on Galeros Dr.	10	Below Grade	05/08/2025	P6	10.1	123.9	98	95	-2 / 2	DPMP		RF
119 /136 7 1	Sanitary Sewer: Service, Lot 102 on Tapeats Dr.	8	Below Grade	05/08/2025	P5	12.1	115.8	96	95	-2 / 2	DPMP		RF
119 /136 8 2	Sanitary Sewer: Service, Lot 89 on Tapeats Dr.	8	Below Grade	05/08/2025	P5	11.6	114.0	95	95	-2 / 2	DPMP		RF
119 /136 9 3	Sanitary Sewer: Service, Lot 90 on Tapeats Dr.	10	Below Grade	05/08/2025	P5	12.1	118.5	98	95	-2 / 2	DPMP		RF
120 /136 0 4	Sanitary Sewer: Service, Lot 101 on Tapeats Dr.	10	Below Grade	05/08/2025	P5	11.5	118.1	98	95	-2 / 2	DPMP		RF
120 /136 1 5	Sanitary Sewer: Service, Lot 99 on Tapeats Dr.	10	Below Grade	05/08/2025	P5	11.6	118.5	98	95	-2 / 2	DPMP		RF
120 /136 2 6	Sanitary Sewer: Service, Lot 91 on Tapeats Dr.	10	Below Grade	05/08/2025	P5	11.9	118.1	98	95	-2 / 2	DPMP		RF
120 /136 3 7	Sanitary Sewer: Service, Lot 100 on Tapeats Dr.	10	Below Grade	05/08/2025	P5	11.6	117.9	98	95	-2 / 2	DPMP		RF
120 /136 4 8	Sanitary Sewer: Main, STA 11+ 50 on Tapeats Dr.	10	Below Grade	05/08/2025	P5	11.5	118.4	98	95	-2 / 2	DPMP		RF



Entech Engineering
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Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
120 /136 5 9	Sanitary Sewer: Service , Lot 101 on Tapeats Dr.	8	Below Grade	05/08/2025	P5	11.6	114.7	95	95	-2 / 2	DPMP		RF
120 /137 6 0	Sanitary Sewer: Service , Lot 90 on Tapeats Dr.	8	Below Grade	05/08/2025	P5	11.7	114.7	95	95	-2 / 2	DPMP		RF
120 /137 7 1	Sanitary Sewer: Service , Lot 89 on Tapeats Dr.	6	Below Grade	05/08/2025	P5	11.5	114.9	95	95	-2 / 2	DPMP		RF
120 /137 8 2	Sanitary Sewer: Service , Lot 102 on Tapeats Dr.	6	Below Grade	05/08/2025	P5	11.4	116.2	96	95	-2 / 2	DPMP		RF
120 /137 9 3	Sanitary Sewer: Service, Lot 65 (RHN/F2) on Galeros Dr.	8	Below Grade	05/09/2025	P6	10.1	120.3	95	95	-2 / 2	DPMP		RF
121 /137 0 4	Sanitary Sewer: Service, Lot 64 (RHN/F2) on Galeros Dr.	10	Below Grade	05/09/2025	P6	9.8	123.8	98	95	-2 / 2	DPMP		RF
121 /137 1 5	Sanitary Sewer: Main, STA 33 + 00 on Galeros Dr.	10	Below Grade	05/09/2025	P6	9.9	123.7	98	95	-2 / 2	DPMP		RF
121 /137 2 6	Sanitary Sewer: Service, Lot 63 (RHN/F2) on Galeros Dr.	8	Below Grade	05/09/2025	P6	10.1	121.3	96	95	-2 / 2	DPMP		RF
121 /137 3 7	Sanitary Sewer: Main, STA 34 + 00 on Galeros Dr.	8	Below Grade	05/09/2025	P6	9.9	120.2	95	95	-2 / 2	DPMP		RF
121 /137 4 8	Sanitary Sewer: Service, Lot 89 on Tapeats Dr.	4	Below Grade	05/09/2025	P5	10.9	116.2	96	95	-2 / 2	DPMP		RF
121 /137 5 9	Sanitary Sewer: Service, Lot 102 on Tapeats Dr.	4	Below Grade	05/09/2025	P5	11.7	114.4	95	95	-2 / 2	DPMP		RF
121 /138 6 0	Sanitary Sewer: Service, Lot 101 on Tapeats Dr.	6	Below Grade	05/09/2025	P5	12.2	115.4	96	95	-2 / 2	DPMP		RF
121 /138 7 1	Sanitary Sewer: Service, Lot 90 on Tapeats Dr.	6	Below Grade	05/09/2025	P5	12.1	114.6	95	95	-2 / 2	DPMP		RF



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Soil Density Report

Client:

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
121 /138 8 2	Sanitary Sewer: Main, STA 11 + 50 on Tapeats Dr.	8	Below Grade	05/09/2025	P5	11.8	115.2	96	95	-2 / 2	DPMP		RF
121 /138 9 3	Sanitary Sewer: Service, Lot 100 on Tapeats Dr.	8	Below Grade	05/09/2025	P5	11.7	114.6	95	95	-2 / 2	DPMP		RF
122 /138 0 4	Sanitary Sewer: Service, Lot 91 on Tapeats Dr.	8	Below Grade	05/09/2025	P5	11.4	115.4	96	95	-2 / 2	DPMP		RF
122 /138 1 5	Sanitary Sewer: Service, Lot 99 on Tapeats Dr.	8	Below Grade	05/09/2025	P5	11.7	114.1	95	95	-2 / 2	DPMP		RF
122 /138 2 6	Sanitary Sewer: Service, Lot 92 on Tapeats Dr.	10	Below Grade	05/09/2025	P5	11.2	118.6	98	95	-2 / 2	DPMP		RF
122 /138 3 7	Sanitary Sewer: Main, STA 13 + 00 on Tapeats Dr.	10	Below Grade	05/09/2025	P5	11.8	118.3	98	95	-2 / 2	DPMP		RF
122 /138 4 8	Sanitary Sewer: Service, Lot 93 on Tapeats Dr.	10	Below Grade	05/09/2025	P5	11.7	118.4	98	95	-2 / 2	DPMP		RF
122 /138 5 9	Sanitary Sewer: Service, Lot 98 on Tapeats Dr.	10	Below Grade	05/09/2025	P5	12.3	118.8	99	95	-2 / 2	DPMP		RF
122 /139 6 0	Sanitary Sewer: Service, Lot 63 (RHN/F2) on Galeros Dr.	6	Below Grade	05/09/2025	P6	9.1	120.1	95	95	-2 / 2	DPMP		RF
122 /139 7 1	Sanitary Sewer: Main, STA 34 + 00 on Galeros Dr.	6	Below Grade	05/09/2025	P6	9.1	120.5	95	95	-2 / 2	DPMP		RF
122 /139 8 2	Sanitary Sewer: Main, STA 33 + 00 on Galeros Dr.	8	Below Grade	05/09/2025	P6	9.7	120.0	95	95	-2 / 2	DPMP		RF
122 /139 9 3	Sanitary Sewer: Service, Lot 64 (RGN/F2) on Galeros Dr.	8	Below Grade	05/09/2025	P6	9.5	120.4	95	95	-2 / 2	DPMP		RF
123 /139 0 4	Sanitary Sewer: Service, Lot 65 (RGN/F2) on Galeros Dr.	6	Below Grade	05/09/2025	P6	9.1	120.9	95	95	-2 / 2	DPMP		RF

Remarks**Comments**



Entech Engineering
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Colorado Springs, CO 80907
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Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, CO

DP/MP : 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)
P3	ASTM D1557 - B	SW	7.5	125.8
P2	ASTM D1557 - A	ML	10.1	120.1
P6	ASTM D1557 - A	SM	8.2	126.8
P4	ASTM D1557 - B	SC	8.2	124.7
P5	ASTM D1557 - A	SM	11.3	120.5

05/14/2025

Reviewed by: Joey Goode, PE



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Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
12 /139 5	Storm Water: Main, STA 30 + 50 on Shelter Creek Dr.	-	At Grade	05/12/2025	P2	10.4	115.7	96	95	-2 / 2	DPMP		RF
13 /139 6	Storm Water: Main, STA 32 + 00 on Shelter Creek Dr.	-	At Grade	05/12/2025	P3	8.1	119.8	95	95	-2 / 2	DPMP		RF
14 /139 7	Storm Water: Main, STA 33 + 50 on Shelter Creek Dr.	-	At Grade	05/12/2025	P3	7.9	119.8	95	95	-2 / 2	DPMP		RF
15 /139 8	Storm Water: Main, STA 35 + 00 on Shelter Creek Dr.	-	At Grade	05/12/2025	P3	8.4	120.8	96	95	-2 / 2	DPMP		RF
16 /139 9	Storm Water: Valve, STA 10 + 60 on Cardenas Dr.	-	At Grade	05/12/2025	P3	7.7	119.3	95	95	-2 / 2	DPMP		RF
123 /140 1 0	Sanitary Sewer: Service, Lot 90 on Tapeats Dr.	4	Below Grade	05/12/2025	P5	10.9	117.4	97	95	-2 / 2	DPMP		RF
123 /140 2 1	Sanitary Sewer: Service, Lot 101 on Tapeats Dr.	4	Below Grade	05/12/2025	P5	11.1	115.5	96	95	-2 / 2	DPMP		RF
123 /140 3 2	Sanitary Sewer: Service, Lot 26 on Horn Hill Dr.	2	Below Grade	05/12/2025	P4	9.2	118.7	95	95	-2 / 2	DPMP		RF
123 /140 4 3	Sanitary Sewer: Service, Lot 103 on Galeros Dr.	-	At Grade	05/12/2025	P4	8.7	119.3	96	95	-2 / 2	DPMP		RF
123 /140 5 4	Sanitary Sewer: Service, Lot 104 on Galeros Dr.	-	At Grade	05/12/2025	P4	8.6	119.7	96	95	-2 / 2	DPMP		RF
123 /140 6 5	Sanitary Sewer: Service, Lot 105 on Galeros Dr.	-	At Grade	05/12/2025	P4	9.1	119.6	96	95	-2 / 2	DPMP		RF
123 /140 7 6	Sanitary Sewer: Service, Lot 106 on Galeros Dr.	-	At Grade	05/12/2025	P4	8.9	117.9	95	95	-2 / 2	DPMP		RF
123 /140 8 7	Sanitary Sewer: Service, Lot 24 on Galeros Dr.	-	At Grade	05/12/2025	P4	8.7	118.4	95	95	-2 / 2	DPMP		RF



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

Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
123 /140 9 8	Sanitary Sewer: Service, Lot 23 on Galeros Dr.	-	At Grade	05/12/2025	P4	8.3	119.1	96	95	-2 / 2	DPMP		RF
124 /140 0 9	Sanitary Sewer: Service, Lot 22 on Galeros Dr.	-	At Grade	05/12/2025	P4	8.9	119.8	96	95	-2 / 2	DPMP		RF
124 /141 1 0	Sanitary Sewer: Service, Lot 65 (RHN/F2) on Galeros Dr.	4	Below Grade	05/12/2025	P6	10.1	120.2	95	95	-2 / 2	DPMP		RF
124 /141 2 1	Sanitary Sewer: Service, Lot 64 (RHN/F2) on Galeros Dr.	6	Below Grade	05/12/2025	P6	9.3	121.1	96	95	-2 / 2	DPMP		RF
124 /141 3 2	Sanitary Sewer: Service, Lot 63 (RHN/F2) on Galeros Dr.	4	Below Grade	05/12/2025	P6	9.4	120.5	95	95	-2 / 2	DPMP		RF
124 /141 4 3	Sanitary Sewer: Main, STA 33 + 00 on Galeros Dr.	6	Below Grade	05/12/2025	P6	10.0	120.1	95	95	-2 / 2	DPMP		RF
124 /141 5 4	Sanitary Sewer: Main, STA 34 + 00 on Galeros Dr.	4	Below Grade	05/12/2025	P6	9.4	120.3	95	95	-2 / 2	DPMP		RF
124 /141 6 5	Sanitary Sewer: Service, Lot 92 on Tapeats Dr.	8	Below Grade	05/12/2025	P5	11.4	114.5	95	95	-2 / 2	DPMP		RF
124 /141 7 6	Sanitary Sewer: Service, Lot 99 on Tapeats Dr.	6	Below Grade	05/12/2025	P5	11.4	114.7	95	95	-2 / 2	DPMP		RF
124 /141 8 7	Sanitary Sewer: Service, Lot 91 on Tapeats Dr.	6	Below Grade	05/12/2025	P5	10.9	115.4	96	95	-2 / 2	DPMP		RF
124 /141 9 8	Sanitary Sewer: Service, Lot 100 on Tapeats Dr.	6	Below Grade	05/12/2025	P5	10.4	114.8	95	95	-2 / 2	DPMP		RF
125 /141 0 9	Sanitary Sewer: Main, STA 11 + 50 on Tapeats Dr.	6	Below Grade	05/12/2025	P5	11.2	116.6	97	95	-2 / 2	DPMP		RF
125 /142 1 0	Sanitary Sewer: Service, Lot 34 on Horn Hill Dr.	10	Below Grade	05/12/2025	P4	9.9	122.3	98	95	-2 / 2	DPMP		RF



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Soil Density Report

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
125 /142 2 1	Sanitary Sewer: Main, STA 22 + 50 on Horn Hill Dr.	10	Below Grade	05/12/2025	P4	9.7	122.3	98	95	-2 / 2	DPMP		RF
125 /142 3 2	Sanitary Sewer: Service, Lot 33 on Horn Hill Dr.	10	Below Grade	05/12/2025	P4	9.4	121.8	98	95	-2 / 2	DPMP		RF
125 /142 4 3	Sanitary Sewer: Service, Lot 32 on Horn Hill Dr.	8	Below Grade	05/12/2025	P4	9.6	117.9	95	95	-2 / 2	DPMP		RF
125 /142 5 4	Sanitary Sewer: Service, Lot 31 on Horn Hill Dr.	8	Below Grade	05/12/2025	P4	9.4	118.6	95	95	-2 / 2	DPMP		RF
125 /142 6 5	Sanitary Sewer: Manhole 4, STA 23 + 93 on Horn Hill Dr.	8	Below Grade	05/12/2025	P4	9.8	118.7	95	95	-2 / 2	DPMP		RF
146 /142 6	Water: Service, Lot 142 on House Rock Dr.	4	Below Grade	05/12/2025	P1	9.6	120.7	95	95	-2 / 2	DPMP		RF
147 /142 7	Water: Service, Lot 143 on House Rock Dr.	4	Below Grade	05/12/2025	P1	9.1	121.2	95	95	-2 / 2	DPMP		RF
148 /142 8	Water: Service, Lot 225 on House Rock Dr.	4	Below Grade	05/12/2025	P1	9.7	120.7	95	95	-2 / 2	DPMP		RF
149 /142 9	Water: Service, Lot 226 on House Rock Dr.	4	Below Grade	05/12/2025	P1	9.1	122.3	96	95	-2 / 2	DPMP		RF
150 /143 0	Water: Service, Lot 144 on House Rock Dr.	4	Below Grade	05/12/2025	P1	9.8	121.2	95	95	-2 / 2	DPMP		RF
151 /143 1	Water: Service, Lot 227 on House Rock Dr.	4	Below Grade	05/12/2025	P1	9.5	120.9	95	95	-2 / 2	DPMP		RF
152 /143 2	Water: Service, Lot 145 on House Rock Dr.	4	Below Grade	05/12/2025	P1	9.4	121.6	95	95	-2 / 2	DPMP		RF
153 /143 3	Water: Service, Lot 146 on House Rock Dr.	4	Below Grade	05/12/2025	P1	9.6	121.3	95	95	-2 / 2	DPMP		RF
154 /143 4	Water: Service, Lot 228 on House Rock Dr.	4	Below Grade	05/12/2025	P1	9.2	120.9	95	95	-2 / 2	DPMP		RF



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Soil Density Report

Client:

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
155 /143 5	Water: Service, Lot 229 on House Rock Dr.	4	Below Grade	05/12/2025	P1	9.3	121.8	96	95	-2 / 2	DPMP		RF
156 /143 6	Water: Service, Lot 230 on House Rock Dr.	4	Below Grade	05/12/2025	P1	9.3	121.3	95	95	-2 / 2	DPMP		RF
157 /143 7	Water: Service, Lot 147 on House Rock Dr.	4	Below Grade	05/12/2025	P1	10.1	120.8	95	95	-2 / 2	DPMP		RF
158 /143 8	Water: Service, Lot 148 on House Rock Dr.	4	Below Grade	05/12/2025	P1	9.3	120.6	95	95	-2 / 2	DPMP		RF
159 /143 9	Water: Service, Lot 149 on House Rock Dr.	4	Below Grade	05/12/2025	P1	9.1	120.7	95	95	-2 / 2	DPMP		RF
160 /144 0	Water: Service, Lot 231 on House Rock Dr.	4	Below Grade	05/12/2025	P1	9.4	121.3	95	95	-2 / 2	DPMP		RF
161 /144 1	Water: Service, Lot 232 on House Rock Dr.	4	Below Grade	05/12/2025	P1	9.6	122.3	96	95	-2 / 2	DPMP		RF
162 /144 2	Water: Service, Lot 233 on House Rock Dr.	4	Below Grade	05/12/2025	P1	8.8	121.6	95	95	-2 / 2	DPMP		RF
163 /144 3	Water: Service, Lot 234 on House Rock Dr.	4	Below Grade	05/12/2025	P1	9.1	121.9	96	95	-2 / 2	DPMP		RF
164 /144 4	Water: Service, Lot 235 on House Rock Dr.	4	Below Grade	05/12/2025	P1	9.1	120.9	95	95	-2 / 2	DPMP		RF
165 /144 5	Water: Service, Lot 152 on House Rock Dr.	4	Below Grade	05/12/2025	P1	8.8	120.7	95	95	-2 / 2	DPMP		RF
166 /144 6	Water: Service, Lot 153 on House Rock Dr.	4	Below Grade	05/12/2025	P1	8.9	121.3	95	95	-2 / 2	DPMP		RF

Remarks

DP/MP : 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)
P2	ASTM D1557 - A	ML	10.1	120.1
P3	ASTM D1557 - B	SW	7.5	125.8
P5	ASTM D1557 - A	SM	11.3	120.5
P4	ASTM D1557 - B	SC	8.2	124.7
P6	ASTM D1557 - A	SM	8.2	126.8
P1	ASTM D1557 - B	SC	8.5	127.5

05/20/2025

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
167 /144 7	Water: Service, Lot 236 on House Rock Dr.	4	Below Grade	05/13/2025	P1	9.3	121.3	95	95	-2 / 2	DPMP		RF
168 /144 8	Water: Service, Lot 146 on House Rock Dr.	2	Below Grade	05/13/2025	P1	9.2	120.8	95	95	-2 / 2	DPMP		RF
169 /144 9	Water: Service, Lot 150 on House Rock Dr.	4	Below Grade	05/13/2025	P1	9.2	120.8	95	95	-2 / 2	DPMP		RF
170 /145 0	Water: Service, Lot 151 on House Rock Dr.	4	Below Grade	05/13/2025	P1	8.9	121.1	95	95	-2 / 2	DPMP		RF
171 /145 1	Water: Service, Lot 142 on House Rock Dr.	2	Below Grade	05/13/2025	P1	8.9	120.7	95	95	-2 / 2	DPMP		RF
172 /145 2	Water: Service, Lot 143 on House Rock Dr.	2	Below Grade	05/13/2025	P1	8.6	122.1	96	95	-2 / 2	DPMP		RF
173 /145 3	Water: Service, Lot 225 on House Rock Dr.	2	Below Grade	05/13/2025	P1	8.8	122.3	96	95	-2 / 2	DPMP		RF
174 /145 4	Water: Main, STA 23 + 00 on House Rock Dr.	2	Below Grade	05/13/2025	P1	9.0	121.9	96	95	-2 / 2	DPMP		RF
175 /145 5	Water: Service, Lot 226 on House Rock Dr.	2	Below Grade	05/13/2025	P1	8.7	120.6	95	95	-2 / 2	DPMP		RF
176 /145 6	Water: Service, Lot 144 on House Rock Dr.	2	Below Grade	05/13/2025	P1	8.8	122.4	96	95	-2 / 2	DPMP		RF
177 /145 7	Water: Service, Lot 227 on House Rock Dr.	2	Below Grade	05/13/2025	P1	8.4	121.9	96	95	-2 / 2	DPMP		RF
178 /145 8	Water: Service, Lot 228 on House Rock Dr.	2	Below Grade	05/13/2025	P1	9.2	120.6	95	95	-2 / 2	DPMP		RF
179 /145 9	Water: Service, Lot 145 on House Rock Dr.	2	Below Grade	05/13/2025	P1	9.1	122.1	96	95	-2 / 2	DPMP		RF



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Meridian Ranch - Rolling Hills Ranch North F1
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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
180 /146 0	Water: Service, Lot 229 on House Rock Dr.	2	Below Grade	05/13/2025	P1	8.7	120.8	95	95	-2 / 2	DPMP		RF
181 /146 1	Water: Service, Lot 230 on House Rock Dr.	2	Below Grade	05/13/2025	P1	9.1	122.9	96	95	-2 / 2	DPMP		RF
182 /146 2	Water: Service, Lot 231 on House Rock Dr.	2	Below Grade	05/13/2025	P1	9.2	120.6	95	95	-2 / 2	DPMP		RF
183 /146 3	Water: Service, Lot 223 on Crystal Falls Dr.	4	Below Grade	05/13/2025	P3	8.2	118.9	95	95	-2 / 2	DPMP		RF
184 /146 4	Water: Service, Lot 190 on Crystal Falls Dr.	4	Below Grade	05/13/2025	P3	8.3	120.1	96	95	-2 / 2	DPMP		RF
185 /146 5	Water: Service, Lot 222 on Crystal Falls Dr.	4	Below Grade	05/13/2025	P2	9.9	114.5	95	95	-2 / 2	DPMP		RF
186 /146 6	Water: Service, Lot 221 on Crystal Falls Dr.	4	Below Grade	05/13/2025	P2	10.4	113.8	95	95	-2 / 2	DPMP		RF
187 /146 7	Water: Service, Lot 192 on Crystal Falls Dr.	4	Below Grade	05/13/2025	P2	10.8	113.7	95	95	-2 / 2	DPMP		RF
125 /146 7 8	Sanitary Sewer: Service, Lot 98 on Tapeats Dr.	8	Below Grade	05/13/2025	P5	9.7	117.0	97	95	-2 / 2	DPMP		CF
188 /146 9	Water: Service, Lot 191 on Crystal Falls Dr.	4	Below Grade	05/13/2025	P2	9.9	114.3	95	95	-2 / 2	DPMP		RF
125 /147 8 0	Sanitary Sewer: Service, Lot 93 on Tapeats Dr.	8	Below Grade	05/13/2025	P5	9.9	118.6	98	95	-2 / 2	DPMP		CF
125 /147 9 1	Sanitary Sewer: Main, STA 13 + 00 on Tapeats Dr.	8	Below Grade	05/13/2025	P5	9.4	119.2	99	95	-2 / 2	DPMP		CF
189 /147 2	Water: Service, Lot 147 on House Rock Dr.	2	Below Grade	05/13/2025	P1	8.9	121.3	95	95	-2 / 2	DPMP		RF
126 /147 0 3	Sanitary Sewer: Service, Lot 92 on Tapeats Dr.	6	Below Grade	05/13/2025	P5	9.8	114.8	95	95	-2 / 2	DPMP		CF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
190 /147 4	Water: Service, Lot 148 on House Rock Dr.	2	Below Grade	05/13/2025	P1	8.7	121.8	96	95	-2 / 2	DPMP		RF
126 /147 1 5	Sanitary Sewer: Service, Lot 91 on Tapeats Dr.	4	Below Grade	05/13/2025	P5	9.4	114.2	95	95	-2 / 2	DPMP		CF
191 /147 6	Water: Service, Lot 149 on House Rock Dr.	2	Below Grade	05/13/2025	P1	9.7	120.7	95	95	-2 / 2	DPMP		RF
192 /147 7	Water: Service, Lot 150 on House Rock Dr.	2	Below Grade	05/13/2025	P1	9.2	121.1	95	95	-2 / 2	DPMP		RF
193 /147 8	Water: Service, Lot 151 on House Rock Dr.	2	Below Grade	05/13/2025	P1	9.4	120.5	95	95	-2 / 2	DPMP		RF
126 /147 2 9	Sanitary Sewer: Service, Lot 100 on Tapeats Dr.	4	Below Grade	05/13/2025	P5	9.5	115.1	96	95	-2 / 2	DPMP		CF
194 /148 0	Water: Service, Lot 235 on House Rock Dr.	2	Below Grade	05/13/2025	P1	9.1	120.7	95	95	-2 / 2	DPMP		RF
126 /148 3 1	Sanitary Sewer: Service, lot 100 on Tapeats Dr.	4	Below Grade	05/13/2025	P5	9.7	118.5	98	95	-2 / 2	DPMP		CF
195 /148 2	Water: Service, Lot 152 on House Rock Dr.	2	Below Grade	05/13/2025	P1	8.9	121.7	96	95	-2 / 2	DPMP		RF
126 /148 4 3	Sanitary Sewer: Service, Lot 90 on Tapeats Dr.	2	Below Grade	05/13/2025	P5	9.4	114.4	95	95	-2 / 2	DPMP		CF
196 /148 4	Water: Service, Lot 153 on House Rock Dr.	2	Below Grade	05/13/2025	P1	8.7	122.0	96	95	-2 / 2	DPMP		RF
126 /148 5 5	Sanitary Sewer: Service, Lot 101 on Tapeats Dr.	2	Below Grade	05/13/2025	P5	9.6	119.0	99	95	-2 / 2	DPMP		CF
197 /148 6	Water: Service, Lot 236 on House Rock Dr.	2	Below Grade	05/13/2025	P1	9.3	121.1	95	95	-2 / 2	DPMP		RF
126 /148 6 7	Sanitary Sewer: Service, Lot 102 on Tapeats Dr.	2	Below Grade	05/13/2025	P5	9.3	115.6	96	95	-2 / 2	DPMP		CF



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Project:

250235
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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
198 /148 8	Water: Service, Lot 234 on House Rock Dr.	2	Below Grade	05/13/2025	P1	8.8	121.4	95	95	-2 / 2	DPMP		RF
199 /148 9	Water: Service, Lot 233 on House Rock Dr.	2	Below Grade	05/13/2025	P1	8.9	122.3	96	95	-2 / 2	DPMP		RF
126 /149 7 0	Sanitary Sewer: Service, Lot 89 on Tapeats Dr.	2	Below Grade	05/13/2025	P5	9.6	116.8	97	95	-2 / 2	DPMP		CF
126 /149 8 1	Sanitary Sewer: Service, Lot 34 on Horn Hill Dr.	8	Below Grade	05/13/2025	P4	7.5	118.1	95	95	-2 / 2	DPMP		CF
200 /149 2	Water: Service, Lot 232 on House Rock Dr.	2	Below Grade	05/13/2025	P1	8.9	121.8	96	95	-2 / 2	DPMP		RF
126 /149 9 3	Sanitary Sewer: Main, STA 22 + 50 on Horn Hill Dr.	8	Below Grade	05/13/2025	P4	7.4	118.0	95	95	-2 / 2	DPMP		CF
201 /149 4	Water: Main, STA 19 + 50 on House Rock Dr.	2	Below Grade	05/13/2025	P1	8.7	120.5	95	95	-2 / 2	DPMP		RF
127 /149 0 5	Sanitary Sewer: Service, Lot 33 on Horn Hill Dr.	8	Below Grade	05/13/2025	P4	7.8	118.2	95	95	-2 / 2	DPMP		CF
127 /149 1 6	Sanitary Sewer: Service, Lot 32 on Horn Hill Dr.	6	Below Grade	05/13/2025	P4	6.9	124.1	100	95	-2 / 2	DPMP		CF
127 /149 2 7	Sanitary Sewer: Service, Lot 31 on Horn Hill Dr.	6	Below Grade	05/13/2025	P4	6.8	120.3	97	95	-2 / 2	DPMP		CF
127 /149 3 8	Sanitary Sewer: Service, lot 31 on Horn Hill Dr.	6	Below Grade	05/13/2025	P4	8.0	122.0	98	95	-2 / 2	DPMP		CF
202 /149 9	Water: Service, Lot 194 on Crystal Falls Dr.	4	Below Grade	05/13/2025	P2	10.8	114.5	95	95	-2 / 2	DPMP		RF
203 /150 0	Water: Service, Lot 193 on Crystal Falls Dr.	4	Below Grade	05/13/2025	P2	10.9	115.1	96	95	-2 / 2	DPMP		RF
204 /150 1	Water: Service, Lot 220 on Crystal Falls Dr.	4	Below Grade	05/13/2025	P2	11.2	114.3	95	95	-2 / 2	DPMP		RF



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250235
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205 /150 2	Water: Service, Lot 239 on House Rock Dr.	4	Below Grade	05/13/2025	P1	8.7	120.6	95	95	-2 / 2	DPMP		RF
206 /150 3	Water: Service, Lot 238 on House Rock Dr.	4	Below Grade	05/13/2025	P1	9.3	122.5	96	95	-2 / 2	DPMP		RF
207 /150 4	Water: Service, Lot 155 on House Rock Dr.	4	Below Grade	05/13/2025	P1	9.1	122.3	96	95	-2 / 2	DPMP		RF
208 /150 5	Water: Service, Lot 154 on House Rock Dr.	4	Below Grade	05/13/2025	P1	8.7	120.7	95	95	-2 / 2	DPMP		RF
209 /150 6	Water: Service, Lot 237 on House Rock Dr.	4	Below Grade	05/13/2025	P1	8.9	120.6	95	95	-2 / 2	DPMP		RF
210 /150 7	Water: Service, Lot 156 on House Rock Dr.	4	Below Grade	05/13/2025	P1	9.4	122.1	96	95	-2 / 2	DPMP		RF
211 /150 8	Water: Service, Lot 157 on House Rock Dr.	4	Below Grade	05/13/2025	P1	8.8	120.6	95	95	-2 / 2	DPMP		RF
212 /150 9	Water: Service, Lot 158 on House Rock Dr.	4	Below Grade	05/13/2025	P1	9.1	122.1	96	95	-2 / 2	DPMP		RF
213 /151 0	Water: Service, Lot 159 on House Rock Dr.	4	Below Grade	05/13/2025	P1	8.9	121.6	95	95	-2 / 2	DPMP		RF
214 /151 1	Water: Service, Lot 160 on House Rock Dr.	4	Below Grade	05/13/2025	P1	9.3	120.7	95	95	-2 / 2	DPMP		RF
215 /151 2	Water: Service, Lot 161 on House Rock Dr.	4	Below Grade	05/13/2025	P1	8.6	121.5	95	95	-2 / 2	DPMP		RF
216 /151 3	Water: Service, Lot 162 on House Rock Dr.	4	Below Grade	05/13/2025	P1	9.1	120.6	95	95	-2 / 2	DPMP		RF
127 /151 4 4	Sanitary Sewer: Service, Lot 98 on Tapeats Dr.	6	Below Grade	05/13/2025	P5	9.4	119.6	99	95	-2 / 2	DPMP		CF
217 /151 5	Water: Service, Lot 163 on House Rock Dr.	4	Below Grade	05/13/2025	P1	9.2	120.8	95	95	-2 / 2	DPMP		RF



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

Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
127 /151 5 6	Sanitary Sewer: Service, Lot 93 on Tapeats Dr.	6	Below Grade	05/13/2025	P5	9.6	115.0	95	95	-2 / 2	DPMP		CF
127 /151 6 7	Sanitary Sewer: Main, STA 13 + 00 on Tapeats Dr.	6	Below Grade	05/13/2025	P5	9.5	115.6	96	95	-2 / 2	DPMP		CF
218 /151 8	Water: Service, Lot 164 on House Rock Dr.	4	Below Grade	05/13/2025	P1	9.7	120.6	95	95	-2 / 2	DPMP		RF
219 /151 9	Water: Service, Lot 165 on House Rock Dr.	4	Below Grade	05/13/2025	P2	9.4	115.5	96	95	-2 / 2	DPMP		RF
127 /152 7 0	Sanitary Sewer: Service, Lot 92 on Tapeats Dr.	4	Below Grade	05/13/2025	P5	9.4	114.6	95	95	-2 / 2	DPMP		CF
127 /152 8 1	Sanitary Sewer: Service, Lot 99 on Tapeats Dr.	4	Below Grade	05/13/2025	P5	9.3	114.4	95	95	-2 / 2	DPMP		CF
127 /152 9 2	Sanitary Sewer: Service, Lot 91 on Tapeats Dr.	2	Below Grade	05/13/2025	P5	9.5	115.0	95	95	-2 / 2	DPMP		CF
128 /152 0 3	Sanitary Sewer: Service, Lot 100 on Tapeats Dr.	2	Below Grade	05/13/2025	P5	9.8	114.3	95	95	-2 / 2	DPMP		CF
128 /152 1 4	Sanitary Sewer: Service, Lot 34 on Horn Hill Dr.	6	Below Grade	05/13/2025	P4	6.4	118.1	95	95	-2 / 2	DPMP		CF
128 /152 2 5	Sanitary Sewer: Main, STA 22 + 50 on Horn Hill Dr.	6	Below Grade	05/13/2025	P4	6.3	118.5	95	95	-2 / 2	DPMP		CF
128 /152 3 6	Sanitary Sewer: Service, Lot 33 on Horn Hill Dr.	6	Below Grade	05/13/2025	P4	8.5	118.2	95	95	-2 / 2	DPMP		CF
128 /152 4 7	Sanitary Sewer: Service, Lot 31 on Horn Hill Dr.	4	Below Grade	05/13/2025	P4	7.5	121.5	97	95	-2 / 2	DPMP		CF
220 /152 8	Water: Service, Lot 196 on Crystal Falls Dr.	4	Below Grade	05/13/2025	P2	10.2	113.7	95	95	-2 / 2	DPMP		RF
221 /152 9	Water: Service, Lot 218 on Crystal Falls Dr.	4	Below Grade	05/13/2025	P2	10.7	114.3	95	95	-2 / 2	DPMP		RF



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250235
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Rolling Hills Ranch North F1
Peyton, 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
222 /153 0	Water: Service, Lot 219 on Crystal Falls Dr.	4	Below Grade	05/13/2025	P2	10.6	114.2	95	95	-2 / 2	DPMP		RF
223 /153 1	Water: Service, Lot 195 on Crystal Falls Dr.	4	Below Grade	05/13/2025	P2	9.7	114.2	95	95	-2 / 2	DPMP		RF

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 D1557 - B	SC	8.5	127.5
P3	ASTM D1557 - B	SW	7.5	125.8
P2	ASTM D1557 - A	ML	10.1	120.1
P5	ASTM D1557 - A	SM	11.3	120.5
P4	ASTM D1557 - B	SC	8.2	124.7

05/21/2025

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
224 /153 2	Water: Service, Lot 223 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P3	7.9	119.3	95	95	-2 / 2	DPMP		RF
225 /153 3	Water: Service, Lot 190 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P3	8.9	120.6	96	95	-2 / 2	DPMP		RF
226 /153 4	Water: Service, Lot 222 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	10.6	115.7	96	95	-2 / 2	DPMP		RF
227 /153 5	Water: Service, Lot 191 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	10.4	114.3	95	95	-2 / 2	DPMP		RF
228 /153 6	Water: Service, Lot 221 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	10.8	113.9	95	95	-2 / 2	DPMP		RF
229 /153 7	Water: Service, Lot 192 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	10.5	114.6	95	95	-2 / 2	DPMP		RF
230 /153 8	Water: Service, Lot 193 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	11.0	113.6	95	95	-2 / 2	DPMP		RF
231 /153 9	Water: Service, Lot 220 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	11.4	114.3	95	95	-2 / 2	DPMP		RF
232 /154 0	Water: Service, Lot 219 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	11.3	114.4	95	95	-2 / 2	DPMP		RF
233 /154 1	Water: Service, Lot 194 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	11.2	114.1	95	95	-2 / 2	DPMP		RF
234 /154 2	Water: Service, Lot 195 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	10.2	115.2	96	95	-2 / 2	DPMP		RF
235 /154 3	Water: Service, Lot 218 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	9.9	115.3	96	95	-2 / 2	DPMP		RF
236 /154 4	Water: Service, Lot 196 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	9.7	113.7	95	95	-2 / 2	DPMP		RF



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237 /154 5	Water: Service, Lot 217 on Crystal Falls Dr.	4	Below Grade	05/14/2025	P3	8.3	120.1	96	95	-2 / 2	DPMP		RF
238 /154 6	Water: Service, Lot 197 on Crystal Falls Dr.	4	Below Grade	05/14/2025	P3	8.9	119.3	95	95	-2 / 2	DPMP		RF
239 /154 7	Water: Service, Lot 216 on Crystal Falls Dr.	4	Below Grade	05/14/2025	P3	7.9	120.6	96	95	-2 / 2	DPMP		RF
240 /154 8	Water: Service, Lot 198 on Crystal Falls Dr.	4	Below Grade	05/14/2025	P3	8.6	118.9	95	95	-2 / 2	DPMP		RF
241 /154 9	Water: Service, Lot 215 on Crystal Falls Dr.	4	Below Grade	05/14/2025	P2	10.3	114.2	95	95	-2 / 2	DPMP		RF
242 /155 0	Water: Service, Lot 154 on House Rock Dr.	2	Below Grade	05/14/2025	P1	6.5	125.0	98	95	-2 / 2	DPMP		CF
243 /155 1	Water: Service, Lot 199 on Crystal Falls Dr.	4	Below Grade	05/14/2025	P2	10.7	113.6	95	95	-2 / 2	DPMP		RF
244 /155 2	Water: Service, Lot 214 on Crystal Falls Dr.	4	Below Grade	05/14/2025	P2	10.3	115.3	96	95	-2 / 2	DPMP		RF
245 /155 3	Water: Service, Lot 200 on Crystal Falls Dr.	4	Below Grade	05/14/2025	P2	10.3	114.6	95	95	-2 / 2	DPMP		RF
246 /155 4	Water: Service, Lot 213 on Crystal Falls Dr.	4	Below Grade	05/14/2025	P2	9.8	115.4	96	95	-2 / 2	DPMP		RF
247 /155 5	Water: Service, Lot 201 on Crystal Falls Dr.	4	Below Grade	05/14/2025	P2	9.9	114.3	95	95	-2 / 2	DPMP		RF
248 /155 6	Water: Service, Lot 212 on Crystal Falls Dr.	4	Below Grade	05/14/2025	P2	10.2	114.6	95	95	-2 / 2	DPMP		RF
249 /155 7	Water: Service, Lot 202 on Crystal Falls Dr.	4	Below Grade	05/14/2025	P2	10.7	115.7	96	95	-2 / 2	DPMP		RF
250 /155 8	Water: Service, Lot 237 on House Rock Dr.	2	Below Grade	05/14/2025	P1	6.6	123.2	97	95	-2 / 2	DPMP		CF



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251 /155 9	Water: Service, Lot 155 on House Rock Dr.	2	Below Grade	05/14/2025	P1	7.1	121.9	96	95	-2 / 2	DPMP		CF
252 /156 0	Water: Service, Lot 238 on House Rock Dr.	2	Below Grade	05/14/2025	P1	7.0	122.3	96	95	-2 / 2	DPMP		CF
253 /156 1	Water: Service, Lot 239 on House Rock Dr.	2	Below Grade	05/14/2025	P1	7.1	123.6	97	95	-2 / 2	DPMP		CF
254 /156 2	Water: Service, Lot 211 on Crystal Falls Dr.	4	Below Grade	05/14/2025	P2	10.6	114.1	95	95	-2 / 2	DPMP		RF
255 /156 3	Water: Service, Lot 156 on House Rock Dr.	2	Below Grade	05/14/2025	P1	7.1	120.7	95	95	-2 / 2	DPMP		CF
256 /156 4	Water: Service, Lot 203 on Crystal Falls Dr.	4	Below Grade	05/14/2025	P2	9.8	114.4	95	95	-2 / 2	DPMP		RF
257 /156 5	Water: Service, Lot 157 on House Rock Dr.	2	Below Grade	05/14/2025	P1	7.6	120.8	95	95	-2 / 2	DPMP		CF
258 /156 6	Water: Service, Lot 158 on House Rock Dr.	2	Below Grade	05/14/2025	P1	7.5	122.2	96	95	-2 / 2	DPMP		CF
259 /156 7	Water: Service, Lot 210 on Crystal Falls Dr.	4	Below Grade	05/14/2025	P2	10.1	115.1	96	95	-2 / 2	DPMP		RF
260 /156 8	Water: Service, Lot 159 on House Rock Dr.	2	Below Grade	05/14/2025	P1	7.3	122.8	96	95	-2 / 2	DPMP		CF
261 /156 9	Water: Service, Lot 160 on House Rock Dr.	2	Below Grade	05/14/2025	P1	6.9	120.6	95	95	-2 / 2	DPMP		CF
262 /157 0	Water: Service, Lot 204 on Crystal Falls Dr.	4	Below Grade	05/14/2025	P2	10.0	115.5	96	95	-2 / 2	DPMP		RF
263 /157 1	Water: Service, Lot 161 on House Rock Dr.	2	Below Grade	05/14/2025	P1	6.8	123.5	97	95	-2 / 2	DPMP		CF
264 /157 2	Water: Service, Lot 209 on Crystal Falls Dr.	4	Below Grade	05/14/2025	P2	10.5	114.9	96	95	-2 / 2	DPMP		RF



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265 /157 3	Water: Service, Lot 162 on House Rock Dr.	2	Below Grade	05/14/2025	P1	6.9	120.8	95	95	-2 / 2	DPMP		CF
266 /157 4	Water: Service, Lot 163 on House Rock Dr.	2	Below Grade	05/14/2025	P1	7.8	121.9	96	95	-2 / 2	DPMP		CF
267 /157 5	Water: Service, Lot 208 on Crystal Falls Dr.	4	Below Grade	05/14/2025	P2	9.8	114.7	96	95	-2 / 2	DPMP		RF
268 /157 6	Water: Service, Lot 164 on House Rock Dr.	2	Below Grade	05/14/2025	P1	9.1	121.4	95	95	-2 / 2	DPMP		CF
269 /157 7	Water: Service, Lot 205 on Crystal Falls Dr.	4	Below Grade	05/14/2025	P2	10.3	115.1	96	95	-2 / 2	DPMP		RF
270 /157 8	Water: Service, Lot 165 on House Rock Dr.	2	Below Grade	05/14/2025	P2	8.5	119.3	99	95	-2 / 2	DPMP		CF
271 /157 9	Water: Service, Lot 207 on Crystal Falls Dr.	4	Below Grade	05/14/2025	P2	10.1	114.2	95	95	-2 / 2	DPMP		RF
272 /158 0	Water: Service, Lot 166 on House Rock Dr.	4	Below Grade	05/14/2025	P2	8.6	115.9	97	95	-2 / 2	DPMP		CF
273 /158 1	Water: Service, Lot 206 on Crystal Falls Dr.	4	Below Grade	05/14/2025	P2	10.7	114.8	96	95	-2 / 2	DPMP		RF
274 /158 2	Water: Service, Lot 167 on House Rock Dr.	4	Below Grade	05/14/2025	P2	8.3	116.1	97	95	-2 / 2	DPMP		CF
275 /158 3	Water: Service, Lot 168 on House Rock Dr.	4	Below Grade	05/14/2025	P2	8.5	118.2	98	95	-2 / 2	DPMP		CF
276 /158 4	Water: Service, Lot 169 on House Rock Dr.	4	Below Grade	05/14/2025	P2	8.8	116.7	97	95	-2 / 2	DPMP		CF
277 /158 5	Water: Service, Lot 194 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	10.3	115.7	96	95	-2 / 2	DPMP		RF
278 /158 6	Water: Service, Lot 225 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.9	122.3	96	95	-2 / 2	DPMP		CF



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279 /158 7	Water: Service, Lot 226 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.5	121.7	96	95	-2 / 2	DPMP		CF
280 /158 8	Water: Service, Lot 227 on House Rock Dr.	-	At Grade	05/14/2025	P1	9.0	121.5	95	95	-2 / 2	DPMP		CF
281 /158 9	Water: Service, Lot 228 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.6	122.1	96	95	-2 / 2	DPMP		CF
282 /159 0	Water: Service, Lot 229 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.7	121.4	95	95	-2 / 2	DPMP		CF
283 /159 1	Water: Service, Lot 230 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.5	122.6	96	95	-2 / 2	DPMP		CF
284 /159 2	Water: Service, Lot 231 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.9	122.0	96	95	-2 / 2	DPMP		CF
285 /159 3	Water: Service, Lot 232 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.6	122.4	96	95	-2 / 2	DPMP		CF
286 /159 4	Water: Service, Lot 233 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.5	121.9	96	95	-2 / 2	DPMP		CF
287 /159 5	Water: Service, Lot 234 on House Rock Dr.	-	At Grade	05/14/2025	P1	9.1	121.6	95	95	-2 / 2	DPMP		CF
288 /159 6	Water: Service, Lot 235 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.7	121.2	95	95	-2 / 2	DPMP		CF
289 /159 7	Water: Service, Lot 236 on House Rock Dr.	-	At Grade	05/14/2025	P1	9.0	120.8	95	95	-2 / 2	DPMP		CF
290 /159 8	Water: Service, Lot 237 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.5	120.5	95	95	-2 / 2	DPMP		CF
291 /159 9	Water: Service, Lot 238 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.5	121.3	95	95	-2 / 2	DPMP		CF
292 /160 0	Water: Service, Lot 239 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.8	120.7	95	95	-2 / 2	DPMP		CF



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293 /160 1	Water: Service, Lot 198 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P3	8.4	119.6	95	95	-2 / 2	DPMP		RF
294 /160 2	Water: Service, Lot 216 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P3	8.2	118.9	95	95	-2 / 2	DPMP		RF
295 /160 3	Water: Service, Lot 199 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	10.1	115.7	96	95	-2 / 2	DPMP		RF
296 /160 4	Water: Service, Lot 158 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.7	122.1	96	95	-2 / 2	DPMP		CF
297 /160 5	Water: Service, Lot 157 on House Rock Dr.	-	At Grade	05/14/2025	P1	9.3	120.5	95	95	-2 / 2	DPMP		CF
298 /160 6	Water: Service, Lot 215 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	10.4	114.8	96	95	-2 / 2	DPMP		RF
299 /160 7	Water: Service, Lot 156 on House Rock Dr.	-	At Grade	05/14/2025	P1	9.0	121.7	96	95	-2 / 2	DPMP		CF
300 /160 8	Water: Service, Lot 214 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	9.8	113.9	95	95	-2 / 2	DPMP		RF
301 /160 9	Water: Service, Lot 155 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.7	121.3	95	95	-2 / 2	DPMP		CF
302 /161 0	Water: Service, Lot 154 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.6	121.0	95	95	-2 / 2	DPMP		CF
303 /161 1	Water: Service, Lot 200 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	9.7	115.6	96	95	-2 / 2	DPMP		RF
304 /161 2	Water: Service, Lot 153 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.7	121.9	96	95	-2 / 2	DPMP		CF
305 /161 3	Water: Service, Lot 152 on House Rock Dr.	-	At Grade	05/14/2025	P1	9.0	122.3	96	95	-2 / 2	DPMP		CF
306 /161 4	Water: Service, Lot 201 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	9.8	114.3	95	95	-2 / 2	DPMP		RF



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307 /161 5	Water: Service, Lot 151 on House Rock Dr.	-	At Grade	05/14/2025	P1	9.2	121.8	96	95	-2 / 2	DPMP		CF
308 /161 6	Water: Service, Lot 150 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.5	122.5	96	95	-2 / 2	DPMP		CF
309 /161 7	Water: Service, Lot 213 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	9.9	116.4	97	95	-2 / 2	DPMP		RF
310 /161 8	Water: Service, Lot 149 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.5	122.2	96	95	-2 / 2	DPMP		CF
311 /161 9	Water: Service, Lot 148 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.5	121.4	95	95	-2 / 2	DPMP		CF
312 /162 0	Water: Service, Lot 147 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.6	121.8	96	95	-2 / 2	DPMP		CF
313 /162 1	Water: Service, Lot 212 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	10.4	114.2	95	95	-2 / 2	DPMP		RF
314 /162 2	Water: Service, Lot 146 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.5	120.5	95	95	-2 / 2	DPMP		CF
315 /162 3	Water: Service, Lot 202 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	10.7	114.8	96	95	-2 / 2	DPMP		RF
316 /162 4	Water: Service, Lot 145 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.7	122.6	96	95	-2 / 2	DPMP		CF
317 /162 5	Water: Service, Lot 144 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.5	121.2	95	95	-2 / 2	DPMP		CF
318 /162 6	Water: Service, Lot 143 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.8	121.1	95	95	-2 / 2	DPMP		CF
319 /162 7	Water: Service, Lot 142 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.5	120.9	95	95	-2 / 2	DPMP		CF
320 /162 8	Water: Service, Lot 203 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	9.8	116.3	97	95	-2 / 2	DPMP		RF



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

Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
321 /1629	Water: Service, Lot 211 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	10.1	114.7	96	95	-2 / 2	DPMP		RF
322 /1630	Water: Service, Lot 210 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	9.7	114.3	95	95	-2 / 2	DPMP		RF

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 D1557 - B	SW	7.5	125.8
P2	ASTM D1557 - A	ML	10.1	120.1
P1	ASTM D1557 - B	SC	8.5	127.5

05/22/2025

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
323 /163 1	Water: Service, Lot 204 on Crystal Falls Dr.	2	Below Grade	05/15/2025	P2	9.8	113.5	95	95	-2 / 2	DPMP		RF
324 /163 2	Water: Service, Lot 209 on Crystal Falls Dr.	2	Below Grade	05/15/2025	P2	10.1	114.2	95	95	-2 / 2	DPMP		RF
325 /163 3	Water: Service, Lot 205 on Crystal Falls Dr.	2	Below Grade	05/15/2025	P2	10.1	115.0	96	95	-2 / 2	DPMP		RF
326 /163 4	Water: Service, Lot 208 on Crystal Falls Dr.	2	Below Grade	05/15/2025	P2	9.8	113.7	95	95	-2 / 2	DPMP		RF
327 /163 5	Water: Service, Lot 207 on Crystal Falls Dr.	2	Below Grade	05/15/2025	P2	9.4	114.1	95	95	-2 / 2	DPMP		RF
328 /163 6	Water: Service, Lot 206 on Crystal Falls Dr.	2	Below Grade	05/15/2025	P2	9.7	115.2	96	95	-2 / 2	DPMP		RF
329 /163 7	Water: Service, Lot 170 on Sunrise Ridge Dr.	4	Below Grade	05/15/2025	P2	10.3	114.1	95	95	-2 / 2	DPMP		RF
330 /163 8	Water: Service, Lot 84 (RHN/F2) on Cardenas Dr.	4	Below Grade	05/15/2025	P3	8.1	119.8	95	95	-2 / 2	DPMP		RF
331 /163 9	Water: Service, Lot 85 (RHN/F2) on Cardenas Dr.	4	Below Grade	05/15/2025	P3	8.1	119.5	95	95	-2 / 2	DPMP		RF
332 /164 0	Water: Service, Lot 172 on Sunrise Ridge Dr.	4	Below Grade	05/15/2025	P2	9.7	113.5	95	95	-2 / 2	DPMP		RF
333 /164 1	Water: Service, Lot 173 on Sunrise Ridge Dr.	4	Below Grade	05/15/2025	P2	10.4	114.8	96	95	-2 / 2	DPMP		RF
334 /164 2	Water: Service, Lot 110 on Sunrise Ridge Dr.	4	Below Grade	05/15/2025	P2	10.2	113.6	95	95	-2 / 2	DPMP		RF
335 /164 3	Water: Service, Lot 111 on Sunrise Ridge Dr.	4	Below Grade	05/15/2025	P2	10.2	114.9	96	95	-2 / 2	DPMP		RF



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Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
336 /164 4	Water: Service, Lot 174 on Sunrise Ridge Dr.	4	Below Grade	05/15/2025	P2	9.7	114.7	96	95	-2 / 2	DPMP		RF
337 /164 5	Water: Service, Lot 175 on Sunrise Ridge Dr.	4	Below Grade	05/15/2025	P2	9.5	115.9	97	95	-2 / 2	DPMP		RF
338 /164 6	Water: Service, Lot 112 on Sunrise Ridge Dr.	4	Below Grade	05/15/2025	P2	9.8	113.7	95	95	-2 / 2	DPMP		RF
339 /164 7	Water: Service, Lot 176 on Sunrise Ridge Dr.	4	Below Grade	05/15/2025	P2	9.6	114.2	95	95	-2 / 2	DPMP		RF
340 /164 8	Water: Service, Lot 113 on Sunrise Ridge Dr.	4	Below Grade	05/15/2025	P2	10.1	114.2	95	95	-2 / 2	DPMP		RF
341 /164 9	Water: Service, Lot 114 on Sunrise Ridge Dr.	4	Below Grade	05/15/2025	P2	9.9	115.4	96	95	-2 / 2	DPMP		RF
342 /165 0	Water: Service, Lot 177 on Sunrise Ridge Dr.	4	Below Grade	05/15/2025	P2	9.7	114.8	96	95	-2 / 2	DPMP		RF
343 /165 1	Water: Service, Lot 178 on Sunrise Ridge Dr.	4	Below Grade	05/15/2025	P2	9.6	114.2	95	95	-2 / 2	DPMP		RF
344 /165 2	Water: Service, Lot 115 on Sunrise Ridge Dr.	4	Below Grade	05/15/2025	P2	10.4	114.7	96	95	-2 / 2	DPMP		RF
345 /165 3	Water: Service, Lot 179 on Sunrise Ridge Dr.	4	Below Grade	05/15/2025	P2	10.1	113.6	95	95	-2 / 2	DPMP		RF
346 /165 4	Water: Service, Lot 116 on Sunrise Ridge Dr.	4	Below Grade	05/15/2025	P2	10.0	114.9	96	95	-2 / 2	DPMP		RF
347 /165 5	Water: Service, Lot 143 (RHN/F2) on Shelter Creek Dr.	4	Below Grade	05/15/2025	P3	8.5	119.1	95	95	-2 / 2	DPMP		RF
348 /165 6	Water: Service, Lot 144 (RHN/F2) on Shelter Creek Dr.	4	Below Grade	05/15/2025	P3	9.2	119.7	95	95	-2 / 2	DPMP		RF
349 /165 7	Water: Service, Lot 127 on Shelter Creek Dr.	4	Below Grade	05/15/2025	P3	8.3	119.6	95	95	-2 / 2	DPMP		RF



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Project:

250235
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Rolling Hills Ranch North F1
Peyton, 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
350 /1658	Water: Service, Lot 128 on Shelter Creek Dr.	4	Below Grade	05/15/2025	P3	8.3	120.8	96	95	-2 / 2	DPMP		RF
351 /1659	Water: Service, Lot 129 on Shelter Creek Dr.	4	Below Grade	05/15/2025	P3	8.7	120.8	96	95	-2 / 2	DPMP		RF
352 /1660	Water: Service, Lot 130 on Shelter Creek Dr.	4	Below Grade	05/15/2025	P3	7.8	120.6	96	95	-2 / 2	DPMP		RF
353 /1661	Water: Service, Lot 131 on Shelter Creek Dr.	4	Below Grade	05/15/2025	P3	8.6	119.1	95	95	-2 / 2	DPMP		RF
354 /1662	Water: Service, Lot 132 on Shelter Creek Dr.	4	Below Grade	05/15/2025	P3	8.2	120.5	96	95	-2 / 2	DPMP		RF
355 /1663	Water: Service, Lot 169 on House Rock Dr.	2	Below Grade	05/15/2025	P2	8.3	115.2	96	95	-2 / 2	DPMP		CF
356 /1664	Water: Service, Lot 168 on House Rock Dr.	2	Below Grade	05/15/2025	P2	8.1	115.5	96	95	-2 / 2	DPMP		CF
357 /1665	Water: Service, Lot 167 on House Rock Dr.	2	Below Grade	05/15/2025	P2	8.3	115.4	96	95	-2 / 2	DPMP		CF
358 /1666	Water: Service, Lot 166 on House Rock Dr.	2	Below Grade	05/15/2025	P2	8.6	114.9	96	95	-2 / 2	DPMP		CF
359 /1667	Water: Service, Lot 133 on Shelter Creek Dr.	4	Below Grade	05/15/2025	P3	8.7	119.7	95	95	-2 / 2	DPMP		RF
360 /1668	Water: Service, Lot 134 on Shelter Creek Dr.	4	Below Grade	05/15/2025	P2	10.3	114.7	96	95	-2 / 2	DPMP		RF
361 /1669	Water: Service, Lot 135 on Shelter Creek Dr.	4	Below Grade	05/15/2025	P2	10.6	114.8	96	95	-2 / 2	DPMP		RF
362 /1670	Water: Service, Lot 136 on Shelter Creek Dr.	4	Below Grade	05/15/2025	P2	10.4	114.3	95	95	-2 / 2	DPMP		RF
363 /1671	Water: Service, Lot 137 on Shelter Creek Dr.	4	Below Grade	05/15/2025	P2	10.2	114.8	96	95	-2 / 2	DPMP		RF



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Rolling Hills Ranch North F1
Peyton, CO

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364 /167 2	Water: Service, Lot 138 on Shelter Creek Dr.	4	Below Grade	05/15/2025	P2	10.1	114.7	96	95	-2 / 2	DPMP		RF
365 /167 3	Water: Service, Lot 139 on Shelter Creek Dr.	4	Below Grade	05/15/2025	P2	10.7	115.4	96	95	-2 / 2	DPMP		RF
366 /167 4	Water: Service, Lot 140 on Shelter Creek Dr.	4	Below Grade	05/15/2025	P1	9.5	121.2	95	95	-2 / 2	DPMP		RF
367 /167 5	Water: Service, Lot 141 on Shelter Creek Dr.	4	Below Grade	05/15/2025	P3	8.7	120.7	96	95	-2 / 2	DPMP		RF
368 /167 6	Water: Service, Lot 159 on House Rock Dr.	-	At Grade	05/15/2025	P1	6.6	120.8	95	95	-2 / 2	DPMP		CF
369 /167 7	Water: Service, Lot 160 on House Rock Dr.	-	At Grade	05/15/2025	P1	6.8	121.1	95	95	-2 / 2	DPMP		CF
370 /167 8	Water: Service, Lot 161 on House Rock Dr.	-	At Grade	05/15/2025	P1	7.1	121.6	95	95	-2 / 2	DPMP		CF
371 /167 9	Water: Service, Lot 84 (RHN/F2) on Cardenas Dr.	2	Below Grade	05/15/2025	P3	6.3	119.3	95	95	-2 / 2	DPMP		CF
372 /168 0	Water: Service, Lot 179 on Sunrise Ridge Dr.	2	Below Grade	05/15/2025	P2	10.4	113.8	95	95	-2 / 2	DPMP		RF
373 /168 1	Water: Service, Lot 85 (RHN/F2) on Cardenas Dr.	2	Below Grade	05/15/2025	P3	6.3	119.1	95	95	-2 / 2	DPMP		CF
374 /168 2	Water: Service, Lot 116 on Sunrise Ridge Dr.	2	Below Grade	05/15/2025	P2	9.9	115.2	96	95	-2 / 2	DPMP		RF
375 /168 3	Water: Service, Lot 170 on Sunrise Ridge Dr.	2	Below Grade	05/15/2025	P2	8.3	117.5	98	95	-2 / 2	DPMP		CF
376 /168 4	Water: Service, Lot 171 on Sunrise Ridge Dr.	4	Below Grade	05/15/2025	P2	8.6	117.6	98	95	-2 / 2	DPMP		CF
377 /168 5	Water: Service, Lot 172 on Sunrise Ridge Dr.	2	Below Grade	05/15/2025	P2	9.0	115.6	96	95	-2 / 2	DPMP		CF



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Rolling Hills Ranch North F1
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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
378 /168 6	Water: Service, Lot 143 (RHN/F2) on Shelter Creek Dr.	2	Below Grade	05/15/2025	P3	8.1	119.4	95	95	-2 / 2	DPMP		RF
379 /168 7	Water: Service, Lot 144 (RHN/F2) on Shelter Creek Dr.	2	Below Grade	05/15/2025	P3	8.4	120.9	96	95	-2 / 2	DPMP		RF
380 /168 8	Water: Service, Lot 173 on Sunrise Ridge Dr.	2	Below Grade	05/15/2025	P2	8.1	115.1	96	95	-2 / 2	DPMP		CF
381 /168 9	Water: Service, Lot 110 on Sunrise Ridge Dr.	2	Below Grade	05/15/2025	P2	8.2	115.3	96	95	-2 / 2	DPMP		CF
382 /169 0	Water: Service, Lot 127 on Shelter Creek Dr.	2	Below Grade	05/15/2025	P3	8.3	118.9	95	95	-2 / 2	DPMP		RF
383 /169 1	Water: Service, Lot 174 on Sunrise Ridge Dr.	2	Below Grade	05/15/2025	P2	9.0	118.7	99	95	-2 / 2	DPMP		CF
384 /169 2	Water: Service, Lot 111 on Sunrise Ridge Dr.	2	Below Grade	05/15/2025	P2	8.9	118.0	98	95	-2 / 2	DPMP		CF
385 /169 3	Water: Service, Lot 175 on Sunrise Ridge Dr.	2	Below Grade	05/15/2025	P2	8.4	118.5	99	95	-2 / 2	DPMP		CF
386 /169 4	Water: Service, Lot 112 on Sunrise Ridge Dr.	2	Below Grade	05/15/2025	P2	8.5	118.3	99	95	-2 / 2	DPMP		CF
387 /169 5	Water: Service, Lot 176 on Sunrise Ridge Dr.	2	Below Grade	05/15/2025	P2	8.8	119.3	99	95	-2 / 2	DPMP		CF
388 /169 6	Water: Service, Lot 113 on Sunrise Ridge Dr.	2	Below Grade	05/15/2025	P2	8.3	118.8	99	95	-2 / 2	DPMP		CF
389 /169 7	Water: Service, Lot 177 on Sunrise Ridge Dr.	2	Below Grade	05/15/2025	P2	9.0	115.6	96	95	-2 / 2	DPMP		CF
390 /169 8	Water: Service, Lot 114 on Sunrise Ridge Dr.	2	Below Grade	05/15/2025	P2	9.0	115.1	96	95	-2 / 2	DPMP		CF
391 /169 9	Water: Service, Lot 178 on Sunrise Ridge Dr.	2	Below Grade	05/15/2025	P2	8.6	119.2	99	95	-2 / 2	DPMP		CF



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392 /170 0	Water: Service, Lot 115 on Sunrise Ridge Dr.	2	Below Grade	05/15/2025	P2	8.9	118.6	99	95	-2 / 2	DPMP		CF
393 /170 1	Water: Service, Lot 162 on House Rock Dr.	-	At Grade	05/15/2025	P1	6.5	120.7	95	95	-2 / 2	DPMP		CF
394 /170 2	Water: Service, Lot 163 on House Rock Dr.	-	At Grade	05/15/2025	P1	6.9	120.5	95	95	-2 / 2	DPMP		CF
395 /170 3	Water: Service, Lot 164 on House Rock Dr.	-	At Grade	05/15/2025	P1	7.5	120.7	95	95	-2 / 2	DPMP		CF
396 /170 4	Water: Service, Lot 165 on House Rock Dr.	-	At Grade	05/15/2025	P2	8.5	118.4	99	95	-2 / 2	DPMP		CF
397 /170 5	Water: Service, Lot 166 on House Rock Dr.	-	At Grade	05/15/2025	P2	8.7	117.1	98	95	-2 / 2	DPMP		CF
398 /170 6	Water: Service, Lot 167 on House Rock Dr.	-	At Grade	05/15/2025	P2	8.7	116.8	97	95	-2 / 2	DPMP		CF
399 /170 7	Water: Service, Lot 168 on House Rock Dr.	-	At Grade	05/15/2025	P2	8.5	117.3	98	95	-2 / 2	DPMP		CF
400 /170 8	Water: Service, Lot 169 on House Rock Dr.	-	At Grade	05/15/2025	P2	8.6	115.4	96	95	-2 / 2	DPMP		CF

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 D1557 - A	ML	10.1	120.1
P3	ASTM D1557 - B	SW	7.5	125.8
P1	ASTM D1557 - B	SC	8.5	127.5



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A handwritten signature in blue ink, appearing to read "Joey Goode".

05/22/2025

Reviewed by: Joey Goode, PE



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401 /1709	Water: Service, Lot 197 on Crystal Falls Dr.	2	Below Grade	05/16/2025	P3	8.3	119.5	95	95	-2 / 2	DPMP		RF
402 /1710	Water: Service, Lot 217 on Crystal Falls Dr.	2	Below Grade	05/16/2025	P3	7.9	118.9	95	95	-2 / 2	DPMP		RF
403 /1711	Water: Service, Lot 117 on Sunrise Ridge Dr.	4	Below Grade	05/16/2025	P2	9.8	114.6	95	95	-2 / 2	DPMP		RF
404 /1712	Water: Service, Lot 180 on Sunrise Ridge Dr.	4	Below Grade	05/16/2025	P2	9.9	115.8	96	95	-2 / 2	DPMP		RF
405 /1713	Water: Service, Lot 181 on Sunrise Ridge Dr.	4	Below Grade	05/16/2025	P2	10.1	114.8	96	95	-2 / 2	DPMP		RF
406 /1714	Water: Service, Lot 118 on Sunrise Ridge Dr.	4	Below Grade	05/16/2025	P2	10.5	115.8	96	95	-2 / 2	DPMP		RF
407 /1715	Water: Service, Lot 182 on Sunrise Ridge Dr.	4	Below Grade	05/16/2025	P2	10.3	115.1	96	95	-2 / 2	DPMP		RF
408 /1716	Water: Service, Lot 119 on Sunrise Ridge Dr.	4	Below Grade	05/16/2025	P2	9.8	115.4	96	95	-2 / 2	DPMP		RF
409 /1717	Water: Service, Lot 183 on Sunrise Ridge Dr.	4	Below Grade	05/16/2025	P2	9.9	114.7	96	95	-2 / 2	DPMP		RF
410 /1718	Water: Service, Lot 120 on Sunrise Ridge Dr.	4	Below Grade	05/16/2025	P2	9.7	113.9	95	95	-2 / 2	DPMP		RF
411 /1719	Water: Service, Lot 121 on Sunrise Ridge Dr.	4	Below Grade	05/16/2025	P2	10.2	115.2	96	95	-2 / 2	DPMP		RF
412 /1720	Water: Service, Lot 128 on Shelter Creek Dr.	2	Below Grade	05/16/2025	P3	6.2	119.6	95	95	-2 / 2	DPMP		CF
413 /1721	Water: Service, Lot 181 on Sunrise Ridge Dr.	2	Below Grade	05/16/2025	P2	10.4	114.3	95	95	-2 / 2	DPMP		RF



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414 /172 2	Water: Service, Lot 118 on Sunrise Ridge Dr.	2	Below Grade	05/16/2025	P2	10.6	114.8	96	95	-2 / 2	DPMP		RF
415 /172 3	Water: Service, Lot 182 on Sunrise Ridge Dr.	2	Below Grade	05/16/2025	P2	9.8	113.7	95	95	-2 / 2	DPMP		RF
416 /172 4	Water: Service, Lot 119 on Sunrise Ridge Dr.	2	Below Grade	05/16/2025	P2	10.2	114.5	95	95	-2 / 2	DPMP		RF
417 /172 5	Water: Service, Lot 183 on Sunrise Ridge Dr.	2	Below Grade	05/16/2025	P2	10.8	113.8	95	95	-2 / 2	DPMP		RF
418 /172 6	Water: Service, Lot 120 on Sunrise Ridge Dr.	2	Below Grade	05/16/2025	P2	10.0	114.7	96	95	-2 / 2	DPMP		RF
419 /172 7	Water: Service, Lot 184 on Sunrise Ridge Dr.	4	Below Grade	05/16/2025	P2	11.4	114.3	95	95	-2 / 2	DPMP		RF
420 /172 8	Water: Service, Lot 122 on Sunrise Ridge Dr.	4	Below Grade	05/16/2025	P2	10.5	115.7	96	95	-2 / 2	DPMP		RF
421 /172 9	Water: Service, Lot 180 on Sunrise Ridge Dr.	2	Below Grade	05/16/2025	P2	10.3	115.1	96	95	-2 / 2	DPMP		RF
422 /173 0	Water: Service, Lot 185 on Sunrise Ridge Dr.	4	Below Grade	05/16/2025	P2	11.1	113.9	95	95	-2 / 2	DPMP		RF
423 /173 1	Water: Service, Lot 123 on Sunrise Ridge Dr.	4	Below Grade	05/16/2025	P2	10.2	116.3	97	95	-2 / 2	DPMP		RF
424 /173 2	Water: Service, Lot 124 on Sunrise Ridge Dr.	4	Below Grade	05/16/2025	P2	9.5	115.7	96	95	-2 / 2	DPMP		RF
425 /173 3	Water: Service, Lot 186 on Sunrise Ridge Dr.	4	Below Grade	05/16/2025	P2	9.8	116.4	97	95	-2 / 2	DPMP		RF
426 /173 4	Water: Service, Lot 117 on Sunrise Ridge Dr.	2	Below Grade	05/16/2025	P2	9.9	114.2	95	95	-2 / 2	DPMP		RF
427 /173 5	Water: Service, Lot 171 on Sunrise Ridge Dr.	2	Below Grade	05/16/2025	P2	9.8	113.8	95	95	-2 / 2	DPMP		RF



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Colorado Springs, CO 80907
Phone: 719-531-5599

Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
428 /173 6	Water: Service, Lot 129 on Shelter Creek Dr.	2	Below Grade	05/16/2025	P3	5.7	119.4	95	95	-2 / 2	DPMP		CF
429 /173 7	Water: Service, Lot 130 on Shelter Creek Dr.	2	Below Grade	05/16/2025	P3	6.2	119.2	95	95	-2 / 2	DPMP		CF
430 /173 8	Water: Service, Lot 131 on Shelter Creek Dr.	2	Below Grade	05/16/2025	P3	6.2	125.0	99	95	-2 / 2	DPMP		CF
431 /173 9	Water: Service, Lot 132 on Shelter Creek Dr.	2	Below Grade	05/16/2025	P3	6.2	119.4	95	95	-2 / 2	DPMP		CF
432 /174 0	Water: Service, Lot 133 on Shelter Creek Dr.	2	Below Grade	05/16/2025	P3	6.1	124.5	99	95	-2 / 2	DPMP		CF
433 /174 1	Water: Service, Lot 134 on Shelter Creek Dr.	2	Below Grade	05/16/2025	P2	8.2	118.0	98	95	-2 / 2	DPMP		CF
434 /174 2	Water: Service, Lot 135 on Shelter Creek Dr.	2	Below Grade	05/16/2025	P2	8.7	117.9	98	95	-2 / 2	DPMP		CF
435 /174 3	Water: Service, Lot 136 on Shelter Creek Dr.	2	Below Grade	05/16/2025	P2	8.8	118.0	98	95	-2 / 2	DPMP		CF
436 /174 4	Water: Service, Lot 137 on Shelter Creek Dr.	2	Below Grade	05/16/2025	P2	8.1	118.8	99	95	-2 / 2	DPMP		CF
437 /174 5	Water: Service, Lot 138 on Shelter Creek Dr.	2	Below Grade	05/16/2025	P2	8.6	117.0	97	95	-2 / 2	DPMP		CF
438 /174 6	Water: Service, Lot 139 on Shelter Creek Dr.	2	Below Grade	05/16/2025	P2	8.4	118.0	98	95	-2 / 2	DPMP		CF
439 /174 7	Water: Service, Lot 140 on Shelter Creek Dr.	2	Below Grade	05/16/2025	P2	8.3	118.7	99	95	-2 / 2	DPMP		CF
440 /174 8	Water: Service, Lot 141 on Shelter Creek Dr.	2	Below Grade	05/16/2025	P2	8.9	117.5	98	95	-2 / 2	DPMP		CF

Remarks

DP/MP : Density Pass / Moisture Pass

Comments

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



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, CO

Proctor Data

Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)
P3	ASTM D1557 - B	SW	7.5	125.8
P2	ASTM D1557 - A	ML	10.1	120.1

05/22/2025

Reviewed by: Joey Goode, PE



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Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
441 /174 9	Water: Service, Lot 223 on Crystal Falls Dr.	-	At Grade	05/19/2025	P3	8.6	119.9	95	95	-2 / 2	DPMP		RF
442 /175 0	Water: Service, Lot 222 on Crystal Falls Dr.	-	At Grade	05/19/2025	P2	9.7	114.6	95	95	-2 / 2	DPMP		RF
443 /175 1	Water: Service, Lot 191 on Crystal Falls Dr.	-	At Grade	05/19/2025	P2	8.7	115.1	96	95	-2 / 2	DPMP		RF
444 /175 2	Water: Service, Lot 221 on Crystal Falls Dr.	-	At Grade	05/19/2025	P2	9.6	115.3	96	95	-2 / 2	DPMP		RF
445 /175 3	Water: Service, Lot 220 on Crystal Falls Dr.	-	At Grade	05/19/2025	P2	9.9	114.9	96	95	-2 / 2	DPMP		RF
446 /175 4	Water: Service, Lot 190 on Crystal Falls Dr.	-	At Grade	05/19/2025	P3	8.3	120.7	96	95	-2 / 2	DPMP		RF
447 /175 5	Water: Service, Lot 192 on Crystal Falls Dr.	-	At Grade	05/19/2025	P2	9.8	114.6	95	95	-2 / 2	DPMP		RF
448 /175 6	Water: Service, Lot 193 on Crystal Falls Dr.	-	At Grade	05/19/2025	P2	9.9	115.7	96	95	-2 / 2	DPMP		RF
449 /175 7	Water: Service, Lot 194 on Crystal Falls Dr.	-	At Grade	05/19/2025	P2	10.2	114.8	96	95	-2 / 2	DPMP		RF
450 /175 8	Water: Service, Lot 219 on Crystal Falls Dr.	-	At Grade	05/19/2025	P2	9.6	115.2	96	95	-2 / 2	DPMP		RF
451 /175 9	Water: Service, Lot 195 on Crystal Falls Dr.	-	At Grade	05/19/2025	P2	9.8	115.5	96	95	-2 / 2	DPMP		RF
452 /176 0	Water: Service, Lot 196 on Crystal Falls Dr.	-	At Grade	05/19/2025	P2	9.6	114.5	95	95	-2 / 2	DPMP		RF
453 /176 1	Water: Service, Lot 197 on Crystal Falls Dr.	-	At Grade	05/19/2025	P3	9.4	119.3	95	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
454 /176 2	Water: Service, Lot 198 on Crystal Falls Dr.	-	At Grade	05/19/2025	P3	9.3	120.1	96	95	-2 / 2	DPMP		RF
455 /176 3	Water: Service, Lot 121 on Sunrise Ridge Dr.	2	At Grade	05/19/2025	P2	10.4	114.3	95	95	-2 / 2	DPMP		RF
456 /176 4	Water: Service, Lot 184 on Sunrise Ridge Dr.	2	At Grade	05/19/2025	P2	9.8	115.3	96	95	-2 / 2	DPMP		RF
457 /176 5	Water: Service, Lot 122 on Sunrise Ridge Dr.	2	At Grade	05/19/2025	P2	10.2	114.6	95	95	-2 / 2	DPMP		RF
458 /176 6	Water: Service, Lot 123 on Sunrise Ridge Dr.	2	At Grade	05/19/2025	P2	9.7	114.7	96	95	-2 / 2	DPMP		RF
459 /176 7	Water: Service, Lot 185 on Sunrise Ridge Dr.	2	At Grade	05/19/2025	P2	9.8	113.9	95	95	-2 / 2	DPMP		RF
460 /176 8	Water: Service, Lot 186 on Sunrise Ridge Dr.	2	At Grade	05/19/2025	P2	9.7	116.0	97	95	-2 / 2	DPMP		RF
461 /176 9	Water: Service, Lot 124 on Sunrise Ridge Dr.	2	At Grade	05/19/2025	P2	9.6	114.6	95	95	-2 / 2	DPMP		RF
462 /177 0	Water: Service, Lot 199 on Crystal Falls Dr.	-	At Grade	05/19/2025	P2	8.1	115.2	96	95	-2 / 2	DPMP		CF
463 /177 1	Water: Service, Lot 200 on Crystal Falls Dr.	-	At Grade	05/19/2025	P2	8.3	115.6	96	95	-2 / 2	DPMP		CF
464 /177 2	Water: Service, Lot 201 on Crystal Falls Dr.	-	At Grade	05/19/2025	P2	8.2	114.8	96	95	-2 / 2	DPMP		CF
465 /177 3	Water: Service, Lot 202 on Crystal Falls Dr.	-	At Grade	05/19/2025	P2	8.2	115.0	96	95	-2 / 2	DPMP		CF
466 /177 4	Water: Service, Lot 203 on Crystal Falls Dr.	-	At Grade	05/19/2025	P2	8.1	115.7	96	95	-2 / 2	DPMP		CF
467 /177 5	Water: Service, Lot 204 on Crystal Falls Dr.	-	At Grade	05/19/2025	P2	8.3	115.9	97	95	-2 / 2	DPMP		CF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
468 /177 6	Water: Service, Lot 205 on Crystal Falls Dr.	-	At Grade	05/19/2025	P2	8.4	115.1	96	95	-2 / 2	DPMP		CF
469 /177 7	Water: Service, Lot 206 on Crystal Falls Dr.	-	At Grade	05/19/2025	P2	8.5	114.3	95	95	-2 / 2	DPMP		CF
470 /177 8	Water: Service, Lot 85 (RHN/F2) on Cardenas Dr.	-	At Grade	05/19/2025	P3	8.7	120.2	96	95	-2 / 2	DPMP		RF
471 /177 9	Water: Service, Lot 84 (RHN/F2) on Cardenas Dr.	-	At Grade	05/19/2025	P3	9.1	119.7	95	95	-2 / 2	DPMP		RF
472 /178 0	Water: Service, Lot 188 on Sunrise Ridge Dr.	4	At Grade	05/19/2025	P2	10.5	114.6	95	95	-2 / 2	DPMP		RF
473 /178 1	Water: Service, Lot 187 on Sunrise Ridge Dr.	4	At Grade	05/19/2025	P2	10.5	115.4	96	95	-2 / 2	DPMP		RF
474 /178 2	Water: Service, Lot 125 on Sunrise Ridge Dr.	4	At Grade	05/19/2025	P2	9.6	116.3	97	95	-2 / 2	DPMP		RF
475 /178 3	Water: Service, Lot 125 on Sunrise Ridge Dr.	2	At Grade	05/19/2025	P2	9.8	116.1	97	95	-2 / 2	DPMP		RF
476 /178 4	Water: Service, Lot 187 on Sunrise Ridge Dr.	2	At Grade	05/19/2025	P2	10.1	115.5	96	95	-2 / 2	DPMP		RF
477 /178 5	Water: Service, Lot 188 on Sunrise Ridge Dr.	2	At Grade	05/19/2025	P2	10.4	115.7	96	95	-2 / 2	DPMP		RF
478 /178 6	Water: Main, STA 67 + 00 on Sunrise Ridge Dr.	4	Below Grade	05/19/2025	P6	8.7	120.6	95	95	-2 / 2	DPMP		RF
479 /178 7	Water: Main, STA 67 + 00 on Sunrise Ridge Dr.	2	Below Grade	05/19/2025	P6	8.7	120.9	95	95	-2 / 2	DPMP		RF
480 /178 8	Water: Main, Lowering for natural drainage in Tract A, STA 66 + 32 on Sunrise Ridge Dr.	4	Below Grade	05/19/2025	P6	9.4	120.9	95	95	-2 / 2	DPMP		RF
481 /178 9	Water: Main, Lowering for natural drainage in Tract A, STA 66 + 32 on Sunrise Ridge Dr.	2	Below Grade	05/19/2025	P6	9.4	121.1	96	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
128 /179 5 0	Sanitary Sewer: Main, STA 11 + 50 on Tapeats Dr.	2	Below Grade	05/19/2025	P5	11.4	114.2	95	95	-2 / 2	DP/MP		RF

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 D1557 - B	SW	7.5	125.8
P2	ASTM D1557 - A	ML	10.1	120.1
P6	ASTM D1557 - A	SM	8.2	126.8
P5	ASTM D1557 - A	SM	11.3	120.5

05/28/2025

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
482 /179 1	Water: Service, Lot 141 on Shelter Creek Dr.	-	At Grade	05/20/2025	P3	8.6	119.2	95	95	-2 / 2	DPMP		RF
483 /179 2	Water: Service, Lot 140 on Shelter Creek Dr.	-	At Grade	05/20/2025	P1	8.9	120.8	95	95	-2 / 2	DPMP		RF
484 /179 3	Water: Service, Lot 139 on Shelter Creek Dr.	-	At Grade	05/20/2025	P2	9.7	115.1	96	95	-2 / 2	DPMP		RF
485 /179 4	Water: Service, Lot 138 on Shelter Creek Dr.	-	At Grade	05/20/2025	P2	10.2	115.6	96	95	-2 / 2	DPMP		RF
486 /179 5	Water: Service, Lot 137 on Shelter Creek Dr.	-	At Grade	05/20/2025	P2	10.3	115.8	96	95	-2 / 2	DPMP		RF
487 /179 6	Water: Service, Lot 136 on Shelter Creek Dr.	-	At Grade	05/20/2025	P2	9.7	114.6	95	95	-2 / 2	DPMP		RF
488 /179 7	Water: Service, Lot 135 on Shelter Creek Dr.	-	At Grade	05/20/2025	P2	10.2	115.3	96	95	-2 / 2	DPMP		RF
489 /179 8	Water: Service, Lot 134 on Shelter Creek Dr.	-	At Grade	05/20/2025	P2	10.3	115.8	96	95	-2 / 2	DPMP		RF
490 /179 9	Water: Service, Lot 133 on Shelter Creek Dr.	-	At Grade	05/20/2025	P3	9.3	119.8	95	95	-2 / 2	DPMP		RF
491 /180 0	Water: Service, Lot 132 on Shelter Creek Dr.	-	At Grade	05/20/2025	P3	9.1	119.7	95	95	-2 / 2	DPMP		RF
492 /180 1	Water: Service, Lot 131 on Shelter Creek Dr.	-	At Grade	05/20/2025	P3	9.5	120.3	96	95	-2 / 2	DPMP		RF
493 /180 2	Water: Service, Lot 130 on Shelter Creek Dr.	-	At Grade	05/20/2025	P3	9.2	118.9	95	95	-2 / 2	DPMP		RF
494 /180 3	Water: Service, Lot 129 on Shelter Creek Dr.	-	At Grade	05/20/2025	P3	9.1	120.7	96	95	-2 / 2	DPMP		RF



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495 /1804	Water: Service, Lot 128 on Shelter Creek Dr.	-	At Grade	05/20/2025	P3	8.9	119.8	95	95	-2 / 2	DPMP		RF
496 /1805	Water: Service, Lot 127 on Shelter Creek Dr.	-	At Grade	05/20/2025	P3	9.1	120.6	96	95	-2 / 2	DPMP		RF
497 /1806	Water: Service, Lot 144 (RHN/F2) on Shelter Creek Dr.	-	At Grade	05/20/2025	P3	8.9	119.7	95	95	-2 / 2	DPMP		RF
498 /1807	Water: Service, Lot 143 (RHN/F2) on Shelter Creek Dr.	-	At Grade	05/20/2025	P3	9.1	120.4	96	95	-2 / 2	DPMP		RF
499 /1808	Water: Service, Lot 218 on Crystal Falls Dr.	-	At Grade	05/20/2025	P2	9.8	115.2	96	95	-2 / 2	DPMP		RF
500 /1809	Water: Service, Lot 217 on Crystal Falls Dr.	-	At Grade	05/20/2025	P3	9.1	120.4	96	95	-2 / 2	DPMP		RF
501 /1810	Water: Service, Lot 216 on Crystal Falls Dr.	-	At Grade	05/20/2025	P3	9.1	119.8	95	95	-2 / 2	DPMP		RF
502 /1811	Water: Service, Lot 215 on Crystal Falls Dr.	-	At Grade	05/20/2025	P2	9.7	115.3	96	95	-2 / 2	DPMP		RF
503 /1812	Water: Service, Lot 214 on Crystal Falls Dr.	-	At Grade	05/20/2025	P2	9.7	115.1	96	95	-2 / 2	DPMP		RF
504 /1813	Water: Service, Lot 213 on Crystal Falls Dr.	-	At Grade	05/20/2025	P2	9.4	115.6	96	95	-2 / 2	DPMP		RF
505 /1814	Water: Service, Lot 212 on Crystal Falls Dr.	-	At Grade	05/20/2025	P2	9.5	115.2	96	95	-2 / 2	DPMP		RF
506 /1815	Water: Service, Lot 211 on Crystal Falls Dr.	-	At Grade	05/20/2025	P2	9.8	114.8	96	95	-2 / 2	DPMP		RF
507 /1816	Water: Service, Lot 210 on Crystal Falls Dr.	-	At Grade	05/20/2025	P2	10.1	115.3	96	95	-2 / 2	DPMP		RF
508 /1817	Water: Service, Lot 209 on Crystal Falls Dr.	-	At Grade	05/20/2025	P2	10.3	114.6	95	95	-2 / 2	DPMP		RF



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509 /181 8	Water: Service, Lot 208 on Crystal Falls Dr.	-	At Grade	05/20/2025	P2	9.9	114.8	96	95	-2 / 2	DPMP		RF
510 /181 9	Water: Service, Lot 207 on Crystal Falls Dr.	-	At Grade	05/20/2025	P2	10.2	115.2	96	95	-2 / 2	DPMP		RF
511 /182 0	Water: Service, Lot 119 on Sunrise Ridge Dr.	-	At Grade	05/20/2025	P2	9.8	114.7	96	95	-2 / 2	DPMP		RF
512 /182 1	Water: Service, Lot 118 on Sunrise Ridge Dr.	-	At Grade	05/20/2025	P2	9.6	114.6	95	95	-2 / 2	DPMP		RF
513 /182 2	Water: Service, Lot 117 on Sunrise Ridge Dr.	-	At Grade	05/20/2025	P2	10.2	115.1	96	95	-2 / 2	DPMP		RF
514 /182 3	Water: Service, Lot 116 on Sunrise Ridge Dr.	-	At Grade	05/20/2025	P2	9.6	114.7	96	95	-2 / 2	DPMP		RF
515 /182 4	Water: Service, Lot 115 on Sunrise Ridge Dr.	-	At Grade	05/20/2025	P2	9.9	115.3	96	95	-2 / 2	DPMP		RF
516 /182 5	Water: Service, Lot 114 on Sunrise Ridge Dr.	-	At Grade	05/20/2025	P2	9.7	114.3	95	95	-2 / 2	DPMP		RF
517 /182 6	Water: Service, Lot 113 on Sunrise Ridge Dr.	-	At Grade	05/20/2025	P2	10.2	115.4	96	95	-2 / 2	DPMP		RF
518 /182 7	Water: Service, Lot 112 on Sunrise Ridge Dr.	-	At Grade	05/20/2025	P2	9.6	114.8	96	95	-2 / 2	DPMP		RF
519 /182 8	Water: Service, Lot 111 on Sunrise Ridge Dr.	-	At Grade	05/20/2025	P2	10.2	115.6	96	95	-2 / 2	DPMP		RF
520 /182 9	Water: Service, Lot 110 on Sunrise Ridge Dr.	-	At Grade	05/20/2025	P2	10.1	115.7	96	95	-2 / 2	DPMP		RF
128 /183 6 0	Sanitary Sewer: Service, Lot 65 on Galeros Dr.	2	Below Grade	05/20/2025	P6	6.6	120.1	95	95	-2 / 2	DPMP		CF
128 /183 7 1	Sanitary Sewer: Service, Lot 64 on Galeros Dr.	4	Below Grade	05/20/2025	P6	6.2	121.0	95	95	-2 / 2	DPMP		CF



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128 /183 8 2	Sanitary Sewer: Main, STA 33 + 00 on Galeros Dr.	4	Below Grade	05/20/2025	P6	6.3	122.6	97	95	-2 / 2	DPMP		CF
128 /183 9 3	Sanitary Sewer: Service, Lot 63 on Galeros Dr.	2	Below Grade	05/20/2025	P6	6.7	119.9	95	95	-2 / 2	DPMP		CF
129 /183 0 4	Sanitary Sewer: Main, STA 34 + 00 on Galeros Dr.	2	Below Grade	05/20/2025	P6	6.3	121.5	96	95	-2 / 2	DPMP		CF
129 /183 1 5	Sanitary Sewer: Manhole, STA 23 + 93 on Horn Hill Dr.	4	Below Grade	05/20/2025	P4	9.3	118.3	95	95	-2 / 2	DPMP		RF
129 /183 2 6	Sanitary Sewer: Service, Lot 30 on Horn Hill Dr.	-	At Grade	05/20/2025	P4	8.7	117.9	95	95	-2 / 2	DPMP		RF
129 /183 3 7	Sanitary Sewer: Service, Lot 29 on Horn Hill Dr.	-	At Grade	05/20/2025	P4	9.1	119.2	96	95	-2 / 2	DPMP		RF
129 /183 4 8	Sanitary Sewer: Service, Lot 28 on Horn Hill Dr.	-	At Grade	05/20/2025	P4	9.1	117.8	95	95	-2 / 2	DPMP		RF
129 /183 5 9	Sanitary Sewer: Service, Lot 27 on Horn Hill Dr.	-	At Grade	05/20/2025	P4	8.7	118.1	95	95	-2 / 2	DPMP		RF
129 /184 6 0	Sanitary Sewer: Service, Lot 26 on Horn Hill Dr.	-	At Grade	05/20/2025	P4	8.9	119.1	96	95	-2 / 2	DPMP		RF
129 /184 7 1	Sanitary Sewer: Main, STA 25 + 50 on Horn Hill Dr.	-	At Grade	05/20/2025	P4	9.4	119.4	96	95	-2 / 2	DPMP		RF
129 /184 8 2	Sanitary Sewer: Manhole 11, STA 14 + 40 on Tapeats Dr.	10	Below Grade	05/20/2025	P5	11.1	117.9	98	95	-2 / 2	DPMP		RF
129 /184 9 3	Sanitary Sewer: Service, Lot 96 on Tapeats Dr.	10	Below Grade	05/20/2025	P5	11.1	118.4	98	95	-2 / 2	DPMP		RF
130 /184 0 4	Sanitary Sewer: Service, Lot 97 on Tapeats Dr.	10	Below Grade	05/20/2025	P5	9.9	118.4	98	95	-2 / 2	DPMP		RF



Entech Engineering
505 Elkton Dr.
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Phone: 719-531-5599

Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
130 /184 1 5	Sanitary Sewer: Service, Lot 95 on Tapeats Dr.	10	Below Grade	05/20/2025	P5	10.4	118.2	98	95	-2 / 2	DPMP		RF
130 /184 2 6	Sanitary Sewer: Service, Lot 94 on Tapeats Dr.	10	Below Grade	05/20/2025	P5	11.2	118.3	98	95	-2 / 2	DPMP		RF
130 /184 3 7	Sanitary Sewer: Service, Lot 98 on Tapeats Dr.	4	Below Grade	05/20/2025	P5	11.7	114.3	95	95	-2 / 2	DPMP		RF
130 /184 4 8	Sanitary Sewer: Main, STA 13 + 00 on Tapeats Dr.	4	Below Grade	05/20/2025	P5	11.9	115.2	96	95	-2 / 2	DPMP		RF
130 /184 5 9	Sanitary Sewer: Service, Lot 99 on Tapeats Dr.	4	Below Grade	05/20/2025	P5	11.8	114.9	95	95	-2 / 2	DPMP		RF
130 /185 6 0	Sanitary Sewer: Service, Lot 93 on Tapeats Dr.	4	Below Grade	05/20/2025	P5	11.3	115.2	96	95	-2 / 2	DPMP		RF
130 /185 7 1	Sanitary Sewer: Service, Lot 31 on Horn Hill Dr.	2	Below Grade	05/20/2025	P4	8.9	119.2	96	95	-2 / 2	DPMP		RF
130 /185 8 2	Sanitary Sewer: Manhole 4, STA 23 + 93 on Horn Hill Dr.	2	Below Grade	05/20/2025	P4	8.7	117.9	95	95	-2 / 2	DPMP		RF
130 /185 9 3	Sanitary Sewer: Service, Lot 94 on Tapeats Dr.	8	Below Grade	05/20/2025	P5	11.7	114.9	95	95	-2 / 2	DPMP		RF
131 /185 0 4	Sanitary Sewer: Service, Lot 95 on Tapeats Dr.	8	Below Grade	05/20/2025	P5	12.1	114.3	95	95	-2 / 2	DPMP		RF
131 /185 1 5	Sanitary Sewer: Service, Lot 97 on Tapeats Dr.	8	Below Grade	05/20/2025	P5	11.7	115.4	96	95	-2 / 2	DPMP		RF
131 /185 2 6	Sanitary Sewer: Service, Lot 96 on Tapeats Dr.	8	Below Grade	05/20/2025	P5	11.3	113.9	95	95	-2 / 2	DPMP		RF
131 /185 3 7	Sanitary Sewer: Manhole 11, STA 14 + 40 on Tapeats Dr.	8	Below Grade	05/20/2025	P5	10.9	115.7	96	95	-2 / 2	DPMP		RF



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Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
131 /185 4 8	Sanitary Sewer: Service, Lot 64 on Galeros Dr.	2	Below Grade	05/21/2025	P6	9.3	120.5	95	95	-2 / 2	DPMP		RF
131 /185 5 9	Sanitary Sewer: Main, STA 33 + 00 on Galeros Dr.	2	Below Grade	05/21/2025	P6	8.6	121.8	96	95	-2 / 2	DPMP		RF
521 /186 0	Water: Main, Lowering for natural drainage in Tract A, STA 66 + 32 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P6	9.7	121.3	96	95	-2 / 2	DPMP		RF
522 /186 1	Water: Main, STA 67 + 00 on Sunrise Ridge Dr.	-	Below Grade	05/21/2025	P6	9.1	122.4	97	95	-2 / 2	DPMP		RF
523 /186 2	Water: Service, Lot 125 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	9.8	115.3	96	95	-2 / 2	DPMP		RF
524 /186 3	Water: Service, Lot 124 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	9.9	114.8	96	95	-2 / 2	DPMP		RF
525 /186 4	Water: Service, Lot 123 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	10.2	114.9	96	95	-2 / 2	DPMP		RF
526 /186 5	Water: Service, Lot 122 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	10.2	114.4	95	95	-2 / 2	DPMP		RF
527 /186 6	Water: Service, Lot 121 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	9.9	114.7	96	95	-2 / 2	DPMP		RF
528 /186 7	Water: Service, Lot 120 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	9.7	115.1	96	95	-2 / 2	DPMP		RF
529 /186 8	Water: Service, Lot 188 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	10.1	114.8	96	95	-2 / 2	DPMP		RF
530 /186 9	Water: Service, Lot 187 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	9.9	115.3	96	95	-2 / 2	DPMP		RF
531 /187 0	Water: Service, Lot 186 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	9.5	114.6	95	95	-2 / 2	DPMP		RF
532 /187 1	Water: Service, Lot 185 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	9.8	115.2	96	95	-2 / 2	DPMP		RF



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Soil Density Report

Client:

Tech Contractors
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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
533 /187 2	Water: Service, Lot 184 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	9.4	114.8	96	95	-2 / 2	DPMP		RF
534 /187 3	Water: Service, Lot 183 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	9.3	116.1	97	95	-2 / 2	DPMP		RF
535 /187 4	Water: Service, Lot 182 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	9.8	115.4	96	95	-2 / 2	DPMP		RF
536 /187 5	Water: Service, Lot 181 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	9.6	115.3	96	95	-2 / 2	DPMP		RF
537 /187 6	Water: Service, Lot 180 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	9.9	115.7	96	95	-2 / 2	DPMP		RF
538 /187 7	Water: Service, Lot 179 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	9.6	116.4	97	95	-2 / 2	DPMP		RF
539 /187 8	Water: Service, Lot 178 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	9.4	115.7	96	95	-2 / 2	DPMP		RF
540 /187 9	Water: Service, Lot 177 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	10.1	115.8	96	95	-2 / 2	DPMP		RF
541 /188 0	Water: Service, Lot 176 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	9.7	114.9	96	95	-2 / 2	DPMP		RF
542 /188 1	Water: Service, Lot 175 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	9.3	115.8	96	95	-2 / 2	DPMP		RF
543 /188 2	Water: Service, Lot 174 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	9.2	114.9	96	95	-2 / 2	DPMP		RF
544 /188 3	Water: Service, Lot 173 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	9.4	115.7	96	95	-2 / 2	DPMP		RF
545 /188 4	Water: Service, Lot 172 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	9.1	115.4	96	95	-2 / 2	DPMP		RF
546 /188 5	Water: Service, Lot 171 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	9.4	116.7	97	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
547 /188 6	Water: Service, Lot 170 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	9.2	115.8	96	95	-2 / 2	DP/MP		RF

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 D1557 - B	SW	7.5	125.8
P1	ASTM D1557 - B	SC	8.5	127.5
P2	ASTM D1557 - A	ML	10.1	120.1
P6	ASTM D1557 - A	SM	8.2	126.8
P4	ASTM D1557 - B	SC	8.2	124.7
P5	ASTM D1557 - A	SM	11.3	120.5

05/29/2025

Reviewed by: Joey Goode, PE



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Project:

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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
131 /188 6 7	Sanitary Sewer: Service, Lot 35 on Horn Hill Dr.	10	Below Grade	05/22/2025	P4	9.6	121.8	98	95	-2 / 2	DPMP		RF
131 /188 7 8	Sanitary Sewer: Service, Lot 34 on Horn Hill Dr.	4	Below Grade	05/22/2025	P4	9.3	118.3	95	95	-2 / 2	DPMP		RF
131 /188 8 9	Sanitary Sewer: Main, STA 22 + 50 on Horn Hill Dr.	4	Below Grade	05/22/2025	P4	9.8	119.3	96	95	-2 / 2	DPMP		RF
131 /189 9 0	Sanitary Sewer: Service, Lot 33 on Horn Hill Dr.	4	Below Grade	05/22/2025	P4	9.5	118.4	95	95	-2 / 2	DPMP		RF
132 /189 0 1	Sanitary Sewer: Service, Lot 32 on Horn Hill Dr.	4	Below Grade	05/22/2025	P4	9.9	119.2	96	95	-2 / 2	DPMP		RF
132 /189 1 2	Sanitary Sewer: Service, Lot 35 on Horn Hill Dr.	8	Below Grade	05/22/2025	P4	9.2	118.6	95	95	-2 / 2	DPMP		RF
132 /189 2 3	Sanitary Sewer: Service, Lot 35 on Horn Hill Dr.	6	Below Grade	05/22/2025	P4	9.4	119.7	96	95	-2 / 2	DPMP		RF
132 /189 3 4	Sanitary Sewer: Service, Lot 95 on Tapeats Dr.	6	Below Grade	05/22/2025	P5	11.8	115.9	96	95	-2 / 2	DPMP		RF
132 /189 4 5	Sanitary Sewer: Service, Lot 96 on Tapeats Dr.	6	Below Grade	05/22/2025	P5	11.3	114.3	95	95	-2 / 2	DPMP		RF
132 /189 5 6	Sanitary Sewer: Manhole 11, STA 14 + 40 on Tapeats Dr.	6	Below Grade	05/22/2025	P5	11.4	115.8	96	95	-2 / 2	DPMP		RF
132 /189 6 7	Sanitary Sewer: Service, Lot 94 on Tapeats Dr.	6	Below Grade	05/22/2025	P5	12.1	114.2	95	95	-2 / 2	DPMP		RF
132 /189 7 8	Sanitary Sewer: Service, Lot 97 on Tapeats Dr.	6	Below Grade	05/22/2025	P5	11.9	114.9	95	95	-2 / 2	DPMP		RF
132 /189 8 9	Sanitary Sewer: Service, Lot 37 on Horn Hill Dr.	10	Below Grade	05/22/2025	P4	9.7	121.8	98	95	-2 / 2	DPMP		RF



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Soil Density Report

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
132 /190 9 0	Sanitary Sewer: Service, Lot 36 on Horn Hill Dr.	10	Below Grade	05/22/2025	P4	9.4	121.9	98	95	-2 / 2	DPMP		RF
133 /190 0 1	Sanitary Sewer: Manhole 5, STA 20 + 93 on Horn Hill Dr.	10	Below Grade	05/22/2025	P4	9.7	122.2	98	95	-2 / 2	DPMP		RF
133 /190 1 2	Sanitary Sewer: Service, Lot 92 on Tapeats Dr.	2	Below Grade	05/27/2025	P5	12.7	114.7	95	95	-2 / 2	DPMP		RF
133 /190 2 3	Sanitary Sewer: Service, Lot 93 on Tapeats Dr.	2	Below Grade	05/27/2025	P5	12.3	115.2	96	95	-2 / 2	DPMP		RF
133 /190 3 4	Sanitary Sewer: Main, STA 13 + 00 on Tapeats Dr.	2	Below Grade	05/27/2025	P5	12.4	115.2	96	95	-2 / 2	DPMP		RF
133 /190 4 5	Sanitary Sewer: Service, Lot 99 on Tapeats Dr.	2	Below Grade	05/27/2025	P5	13.3	114.6	95	95	-2 / 2	DPMP		RF
133 /190 5 6	Sanitary Sewer: Service, Lot 98 on Tapeats Dr.	2	Below Grade	05/27/2025	P5	11.8	114.3	95	95	-2 / 2	DPMP		RF
133 /190 6 7	Sanitary Sewer: Service, Lot 76 on Bright Angel Dr.	10	Below Grade	05/27/2025	P7	14.3	109.1	98	95	-2 / 2	DPMP		RF
133 /190 7 8	Sanitary Sewer: Service, Lot 87 on Bright Angel Dr.	10	Below Grade	05/27/2025	P7	14.6	109.7	98	95	-2 / 2	DPMP		RF
133 /190 8 9	Sanitary Sewer: Service, Lot 88 on Bright Angel Dr.	10	Below Grade	05/27/2025	P4	10.1	121.8	98	95	-2 / 2	DPMP		RF
133 /191 9 0	Sanitary Sewer: Service, Lot 75 on Bright Angel Dr.	10	Below Grade	05/27/2025	P4	9.9	122.1	98	95	-2 / 2	DPMP		RF
134 /191 0 1	Sanitary Sewer: Manhole 5, STA 20 + 93 on Horn Hill Dr.	8	Below Grade	05/27/2025	P4	10.2	117.8	95	95	-2 / 2	DPMP		RF
134 /191 1 2	Sanitary Sewer: Service, Lot 36 on Horn Hill Dr.	8	Below Grade	05/27/2025	P4	9.9	120.8	97	95	-2 / 2	DPMP		RF



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Soil Density Report

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
134 /191 2 3	Sanitary Sewer: Service, Lot 37 on Horn Hill Dr.	8	Below Grade	05/27/2025	P4	9.9	118.2	95	95	-2 / 2	DPMP		RF
134 /191 3 4	Sanitary Sewer: Service, Lot 38 on Horn Hill Dr.	10	Below Grade	05/27/2025	P4	9.8	122.2	98	95	-2 / 2	DPMP		RF
134 /191 4 5	Sanitary Sewer: Main, STA 19 + 50 on Horn Hill Dr.	10	Below Grade	05/27/2025	P4	10.2	121.6	98	95	-2 / 2	DPMP		RF
134 /191 5 6	Sanitary Sewer: Service, Lot 39 on Horn Hill Dr.	10	Below Grade	05/27/2025	P4	9.8	121.9	98	95	-2 / 2	DPMP		RF
134 /191 6 7	Sanitary Sewer: Service, Lot 40 on Horn Hill Dr.	10	Below Grade	05/27/2025	P4	10.2	122.3	98	95	-2 / 2	DPMP		RF
134 /191 7 8	Sanitary Sewer: Service, Lot 35 on Horn Hill Dr.	4	Below Grade	05/27/2025	P4	10.2	118.5	95	95	-2 / 2	DPMP		RF
134 /191 8 9	Sanitary Sewer: Service, Lot 34 on Horn Hill Dr.	2	Below Grade	05/27/2025	P4	9.7	119.8	96	95	-2 / 2	DPMP		RF
134 /192 9 0	Sanitary Sewer: Main, STA 22 + 50 on Horn Hill Dr.	2	Below Grade	05/27/2025	P4	10.1	118.3	95	95	-2 / 2	DPMP		RF
135 /192 0 1	Sanitary Sewer: Service, Lot 33 on Horn Hill Dr.	2	Below Grade	05/27/2025	P4	10.2	119.2	96	95	-2 / 2	DPMP		RF
135 /192 1 2	Sanitary Sewer: Service, Lot 36 on Horn Hill Dr.	6	Below Grade	05/27/2025	P4	9.4	119.2	96	95	-2 / 2	DPMP		RF
135 /192 2 3	Sanitary Sewer: Manhole 5, STA 20 + 93 on Horn Hill Dr.	6	Below Grade	05/27/2025	P4	9.6	119.3	96	95	-2 / 2	DPMP		RF
135 /192 3 4	Sanitary Sewer: Service, Lot 77 on Bright Angel Dr.	10	Below Grade	05/27/2025	P7	14.3	109.1	98	95	-1 / 3	DPMP		RF
135 /192 4 5	Sanitary Sewer: Service, Lot 86 on Bright Angel Dr.	10	Below Grade	05/27/2025	P7	14.3	110.7	99	95	-1 / 3	DPMP		RF



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250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
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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
135 /192 5 6	Sanitary Sewer: Main, STA 11 + 50 on Bright Angel Dr.	10	Below Grade	05/27/2025	P7	13.3	109.9	98	95	-1 / 3	DPMP		RF
135 /192 6 7	Sanitary Sewer: Service, Lot 76 on Bright Angel Dr.	8	Below Grade	05/27/2025	P7	13.8	106.6	95	95	-1 / 3	DPMP		RF
135 /192 7 8	Sanitary Sewer: Service, Lot 75 on Bright Angel Dr.	8	Below Grade	05/27/2025	P4	10.2	118.5	95	95	-2 / 2	DPMP		RF
135 /192 8 9	Sanitary Sewer: Service, Lot 87 on Bright Angel Dr.	8	Below Grade	05/27/2025	P7	14.2	107.3	96	95	-1 / 3	DPMP		RF
135 /193 9 0	Sanitary Sewer: Service, Lot 88.on Bright Angel Dr.	8	Below Grade	05/27/2025	P4	10.2	119.4	96	95	-2 / 2	DPMP		RF
136 /193 0 1	Sanitary Sewer: Service, Lot 40 on Horn Hill Dr.	8	Below Grade	05/28/2025	P4	10.1	118.2	95	95	-2 / 2	DPMP		RF
136 /193 1 2	Sanitary Sewer: Service, Lot 39 on Horn Hill Dr.	8	Below Grade	05/28/2025	P4	10.2	119.4	96	95	-2 / 2	DPMP		RF
136 /193 2 3	Sanitary Sewer: Main, STA 19 + 50 on Horn Hill Dr.	8	Below Grade	05/28/2025	P4	10.1	118.9	95	95	-2 / 2	DPMP		RF
136 /193 3 4	Sanitary Sewer: Service, Lot 38 on Horn Hill Dr.	8	Below Grade	05/28/2025	P4	10.0	119.5	96	95	-2 / 2	DPMP		RF
136 /193 4 5	Sanitary Sewer: Service, Lot 77 on Bright Angel Dr.	8	Below Grade	05/28/2025	P7	14.2	107.1	96	95	-1 / 3	DPMP		RF
136 /193 5 6	Sanitary Sewer: Service, Lot 86 on Bright Angel Dr.	8	Below Grade	05/28/2025	P7	14.4	108.2	97	95	-1 / 3	DPMP		RF
136 /193 6 7	Sanitary Sewer: Main, STA 11 + 50 on Bright Angel Dr.	8	Below Grade	05/28/2025	P7	14.1	107.8	96	95	-1 / 3	DPMP		RF
136 /193 7 8	Sanitary Sewer: Service, Lot 76 on Bright Angel Dr.	6	Below Grade	05/28/2025	P7	13.8	107.4	96	95	-1 / 3	DPMP		RF



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250235
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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
136 /193 8 9	Sanitary Sewer: Service, Lot 75 on Bright Angel Dr.	6	Below Grade	05/28/2025	P4	9.8	118.7	95	95	-2 / 2	DPMP		RF
136 /194 9 0	Sanitary Sewer: Service, Lot 87 on Bright Angel Dr.	6	Below Grade	05/28/2025	P7	13.9	107.1	96	95	-1 / 3	DPMP		RF
137 /194 0 1	Sanitary Sewer: Service, Lot 88 on Bright Angel Dr.	6	Below Grade	05/28/2025	P4	9.9	119.3	96	95	-2 / 2	DPMP		RF
137 /194 1 2	Sanitary Sewer: Service, Lot 40 on Horn Hill Dr.	6	Below Grade	05/28/2025	P4	9.9	118.7	95	95	-2 / 2	DPMP		RF
137 /194 2 3	Sanitary Sewer: Service, Lot 39 on Horn Hill Dr.	6	Below Grade	05/28/2025	P4	10.1	119.5	96	95	-2 / 2	DPMP		RF
137 /194 3 4	Sanitary Sewer: Main, STA 19 + 50 on Horn Hill Dr.	6	Below Grade	05/28/2025	P4	9.9	121.4	97	95	-2 / 2	DPMP		RF
137 /194 4 5	Sanitary Sewer: Service, Lot 38 on Horn Hill Dr.	6	Below Grade	05/28/2025	P4	10.1	119.0	95	95	-2 / 2	DPMP		RF
137 /194 5 6	Sanitary Sewer: Service, Lot 37 on Horn Hill Dr.	6	Below Grade	05/28/2025	P4	10.1	120.2	96	95	-2 / 2	DPMP		RF
137 /194 6 7	Sanitary Sewer: Service, Lot 36 on Horn Hill Dr.	4	Below Grade	05/28/2025	P4	9.8	118.7	95	95	-2 / 2	DPMP		RF
137 /194 7 8	Sanitary Sewer: Manhole 5, STA 20 + 93 on Horn Hill Dr.	4	Below Grade	05/28/2025	P4	9.9	119.2	96	95	-2 / 2	DPMP		RF
137 /194 8 9	Sanitary Sewer: Service, Lot 95 on Tapeats Dr.	4	Below Grade	05/28/2025	P5	12.3	115.9	96	95	-2 / 2	DPMP		RF
137 /195 9 0	Sanitary Sewer: Service, Lot 94 on Tapeats Dr.	4	Below Grade	05/28/2025	P5	13.0	116.1	96	95	-2 / 2	DPMP		RF
138 /195 0 1	Sanitary Sewer: Service, Lot 97 on Tapeats Dr.	4	Below Grade	05/28/2025	P5	12.3	115.9	96	95	-2 / 2	DPMP		RF



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

Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
138 /195 1 2	Sanitary Sewer: Service, Lot 96 on Tapeats Dr.	4	Below Grade	05/28/2025	P5	12.9	115.5	96	95	-2 / 2	DPMP		RF
138 /195 2 3	Sanitary Sewer: Manhole 11, STA 14 + 40 on Tapeats Dr.	4	Below Grade	05/28/2025	P5	11.9	115.0	95	95	-2 / 2	DPMP		RF
138 /195 3 4	Sanitary Sewer: Manhole 6, STA 17 + 93 on Horn Hill Dr.	10	Below Grade	05/28/2025	P4	9.8	122.1	98	95	-2 / 2	DPMP		RF
138 /195 4 5	Sanitary Sewer: Service, Lot 42 on Horn Hill Dr.	10	Below Grade	05/28/2025	P4	10.1	122.4	98	95	-2 / 2	DPMP		RF
138 /195 5 6	Sanitary Sewer: Service, Lot 41 on Horn Hill Dr.	10	Below Grade	05/28/2025	P4	10.0	122.3	98	95	-2 / 2	DPMP		RF

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 - B	SC	8.2	124.7
P5	ASTM D1557 - A	SM	11.3	120.5
P7	ASTM D698 - A	CL	13.7	111.8

05/30/2025

Reviewed by: Joey Goode, PE



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Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
138 /195 6 7	Sanitary Sewer: Service, Lot 41 on Horn Hill Dr.	8	Below Grade	05/29/2025	P4	9.9	118.1	95	95	-2 / 2	DPMP		RF
138 /195 7 8	Sanitary Sewer: Manhole 6, STA 17 + 93 on Horn Hill Dr.	8	Below Grade	05/29/2025	P4	10.2	117.9	95	95	-2 / 2	DPMP		RF
138 /195 8 9	Sanitary Sewer: Service, Lot 42 on Horn Hill Dr.	8	Below Grade	05/29/2025	P4	10.0	118.3	95	95	-2 / 2	DPMP		RF
138 /196 9 0	Sanitary Sewer: Service, Lot 43 on Horn Hill Dr.	10	Below Grade	05/29/2025	P4	10.2	121.8	98	95	-2 / 2	DPMP		RF
139 /196 0 1	Sanitary Sewer: Main, STA 18 + 50 on Horn Hill Dr.	10	Below Grade	05/29/2025	P4	10.1	121.6	98	95	-2 / 2	DPMP		RF
139 /196 1 2	Sanitary Sewer: Main, STA 11 + 50 on Bright Angel Dr.	6	Below Grade	05/29/2025	P7	14.5	108.6	97	95	-1 / 3	DPMP		RF
139 /196 2 3	Sanitary Sewer: Service, Lot 76 on Bright Angel Dr.	4	Below Grade	05/29/2025	P7	14.0	107.2	96	95	-1 / 3	DPMP		RF
139 /196 3 4	Sanitary Sewer: Service, Lot 75 on Bright Angel Dr.	4	Below Grade	05/29/2025	P4	10.1	118.4	95	95	-2 / 2	DPMP		RF
139 /196 4 5	Sanitary Sewer: Service, Lot 88 on Bright Angel Dr.	4	Below Grade	05/29/2025	P4	10.1	119.8	96	95	-2 / 2	DPMP		RF
139 /196 5 6	Sanitary Sewer: Service, Lot 87 on Bright Angel Dr.	4	Below Grade	05/29/2025	P7	14.1	106.9	96	95	-1 / 3	DPMP		RF
139 /196 6 7	Sanitary Sewer: Service, Lot 77 on Bright Angel Dr.	6	Below Grade	05/29/2025	P7	14.3	106.3	95	95	-1 / 3	DPMP		RF
139 /196 7 8	Sanitary Sewer: Service, Lot 86 on Bright Angel Dr.	6	Below Grade	05/29/2025	P7	14.4	106.7	95	95	-1 / 3	DPMP		RF
139 /196 8 9	Sanitary Sewer: Service, Lot 44 on Horn Hill Dr.	10	Below Grade	05/29/2025	P4	10.1	121.6	98	95	-2 / 2	DPMP		RF



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Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
139 /197 9 0	Sanitary Sewer: Main, STA 18 + 50 on Horn Hill Dr.	8	Below Grade	05/29/2025	P4	9.9	118.4	95	95	-2 / 2	DPMP		RF
140 /197 0 1	Sanitary Sewer: Service, Lot 43 on Horn Hill Dr.	8	Below Grade	05/29/2025	P4	10.2	118.3	95	95	-2 / 2	DPMP		RF
140 /197 1 2	Sanitary Sewer: Service, Lot 42 on Horn Hill Dr.	6	Below Grade	05/29/2025	P4	10.1	118.1	95	95	-2 / 2	DPMP		RF
140 /197 2 3	Sanitary Sewer: Service, Lot 41 on Horn Hill Dr.	6	Below Grade	05/29/2025	P4	10.2	117.9	95	95	-2 / 2	DPMP		RF
140 /197 3 4	Sanitary Sewer: Service, Lot 40 on Horn Hill Dr.	4	Below Grade	05/29/2025	P4	9.9	118.4	95	95	-2 / 2	DPMP		RF
140 /197 4 5	Sanitary Sewer: Service, Lot 39 on Horn Hill Dr.	4	Below Grade	05/29/2025	P4	10.2	118.6	95	95	-2 / 2	DPMP		RF
140 /197 5 6	Sanitary Sewer: Main, STA 19 + 50 on Horn Hill Dr.	4	Below Grade	05/29/2025	P4	9.8	118.8	95	95	-2 / 2	DPMP		RF
140 /197 6 7	Sanitary Sewer: Service, Lot 38 on Horn Hill Dr.	4	Below Grade	05/29/2025	P4	10.1	117.8	95	95	-2 / 2	DPMP		RF
140 /197 7 8	Sanitary Sewer: Service, Lot 37 on Horn Hill Dr.	4	Below Grade	05/29/2025	P4	10.0	119.2	96	95	-2 / 2	DPMP		RF
140 /197 8 9	Sanitary Sewer: Service, Lot 87 on Bright Angel Dr.	2	Below Grade	05/29/2025	P7	14.2	107.2	96	95	-1 / 3	DPMP		RF
140 /198 9 0	Sanitary Sewer: Service, Lot 88 on Bright Angel Dr.	2	Below Grade	05/29/2025	P4	9.9	119.2	96	95	-2 / 2	DPMP		RF
141 /198 0 1	Sanitary Sewer: Service, Lot 75 on Bright Angel Dr.	2	Below Grade	05/29/2025	P4	10.1	119.8	96	95	-2 / 2	DPMP		RF
141 /198 1 2	Sanitary Sewer: Service, Lot 76 on Bright Angel Dr.	2	Below Grade	05/29/2025	P7	14.2	107.6	96	95	-1 / 3	DPMP		RF



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Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
141 /198 2 3	Sanitary Sewer: Main, STA 11 + 50 on Bright Angel Dr.	4	Below Grade	05/29/2025	P7	14.9	106.9	96	95	-1 / 3	DPMP		RF
141 /198 3 4	Sanitary Sewer: Service, Lot 77 on Bright Angel Dr.	4	Below Grade	05/29/2025	P7	13.8	107.2	96	95	-1 / 3	DPMP		RF
141 /198 4 5	Sanitary Sewer: Service, Lot 86 on Bright Angel Dr.	4	Below Grade	05/29/2025	P7	14.3	108.6	97	95	-1 / 3	DPMP		RF
141 /198 5 6	Sanitary Sewer: Service, Lot 44 on Horn Hill Dr.	8	Below Grade	05/29/2025	P4	9.7	117.8	95	95	-2 / 2	DPMP		RF
141 /198 6 7	Sanitary Sewer: Main, STA 18 + 50 on Horn Hill Dr.	6	Below Grade	05/29/2025	P4	10.2	118.6	95	95	-2 / 2	DPMP		RF
141 /198 7 8	Sanitary Sewer: Service, Lot 43 on Horn Hill Dr.	6	Below Grade	05/29/2025	P4	10.0	118.4	95	95	-2 / 2	DPMP		RF
141 /198 8 9	Sanitary Sewer: Service, Lot 95 on Tapeats Dr.	2	Below Grade	05/29/2025	P5	12.5	115.1	96	95	-2 / 2	DPMP		RF
141 /199 9 0	Sanitary Sewer: Service, Lot 96 on Tapeats Dr.	2	Below Grade	05/29/2025	P5	11.9	115.6	96	95	-2 / 2	DPMP		RF
142 /199 0 1	Sanitary Sewer: Service, Lot 97 on Tapeats Dr.	2	Below Grade	05/29/2025	P5	11.7	116.1	96	95	-2 / 2	DPMP		RF
142 /199 1 2	Sanitary Sewer: Service, Lot 94 on Tapeats Dr.	2	Below Grade	05/29/2025	P5	11.8	114.7	95	95	-2 / 2	DPMP		RF
142 /199 2 3	Sanitary Sewer: Main, STA 11 + 50 on Bright Angel Dr.	2	Below Grade	05/30/2025	P7	14.4	107.6	96	95	-1 / 3	DPMP		RF
142 /199 3 4	Sanitary Sewer: Manhole 5, STA 20 + 93 on Horn Hill Dr.	2	Below Grade	05/30/2025	P4	10.1	119.1	96	95	-2 / 2	DPMP		RF
142 /199 4 5	Sanitary Sewer: Manhole 11, STA 14 + 40 on Tapeats Dr.	2	Below Grade	05/30/2025	P5	12.5	115.6	96	95	-2 / 2	DPMP		RF



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Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
142 /199 5 6	Sanitary Sewer: Service, Lot 46 on Redwall Dr.	10	Below Grade	05/30/2025	P4	8.9	122.4	98	95	-2 / 2	DPMP		RF
142 /199 6 7	Sanitary Sewer: Manhole 7, STA 14 + 92 on Redwall Dr.	10	Below Grade	05/30/2025	P4	9.9	121.8	98	95	-2 / 2	DPMP		RF
142 /199 7 8	Sanitary Sewer: Service, Lot 45 on Horn Hill Dr.	10	Below Grade	05/30/2025	P4	10.1	122.6	98	95	-2 / 2	DPMP		RF
142 /199 8 9	Sanitary Sewer: Service, Lot 44 on Horn Hill Dr.	6	Below Grade	05/30/2025	P4	9.7	118.4	95	95	-2 / 2	DPMP		RF
142 /200 9 0	Sanitary Sewer: Main, STA 18 + 50 on Horn Hill Dr.	4	Below Grade	05/30/2025	P4	10.2	119.5	96	95	-2 / 2	DPMP		RF
143 /200 0 1	Sanitary Sewer: Service, Lot 43 on Horn Hill Dr.	4	Below Grade	05/30/2025	P4	9.8	118.2	95	95	-2 / 2	DPMP		RF
143 /200 1 2	Sanitary Sewer: Service, Lot 42 on Horn Hill Dr.	4	Below Grade	05/30/2025	P4	9.8	119.2	96	95	-2 / 2	DPMP		RF
143 /200 2 3	Sanitary Sewer: Service, Lot 41 on Horn Hill Dr.	4	Below Grade	05/30/2025	P4	9.6	119.1	96	95	-2 / 2	DPMP		RF
143 /200 3 4	Sanitary Sewer: Service, Lot 40 on Horn Hill Dr.	2	Below Grade	05/30/2025	P4	10.2	118.7	95	95	-2 / 2	DPMP		RF
143 /200 4 5	Sanitary Sewer: Service, Lot 39 on Horn Hill Dr.	2	Below Grade	05/30/2025	P4	9.7	119.3	96	95	-2 / 2	DPMP		RF
143 /200 5 6	Sanitary Sewer: Main, STA 19 + 50 on Horn Hill Dr.	2	Below Grade	05/30/2025	P4	10.0	119.2	96	95	-2 / 2	DPMP		RF
143 /200 6 7	Sanitary Sewer: Service, Lot 38 on Horn Hill Dr.	2	Below Grade	05/30/2025	P4	9.9	119.2	96	95	-2 / 2	DPMP		RF
143 /200 7 8	Sanitary Sewer: Service, Lot 37 on Horn Hill Dr.	2	Below Grade	05/30/2025	P4	9.7	119.1	96	95	-2 / 2	DPMP		RF



Entech Engineering
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Phone: 719-531-5599

Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
143 /200 8 9	Sanitary Sewer: Service, Lot 78 on Bright Angel Dr.	10	Below Grade	05/30/2025	P7	13.4	109.2	98	95	-1 / 3	DPMP		RF
143 /201 9 0	Sanitary Sewer: Service, Lot 85 on Bright Angel Dr.	10	Below Grade	05/30/2025	P7	12.8	109.4	98	95	-1 / 3	DPMP		RF
144 /201 0 1	Sanitary Sewer: Service, Lot 86 on Bright Angel Dr.	2	Below Grade	05/30/2025	P7	14.2	106.8	96	95	-1 / 3	DPMP		RF
144 /201 1 2	Sanitary Sewer: Service, Lot 77 on Bright Angel Dr.	2	Below Grade	05/30/2025	P7	13.9	109.9	98	95	-1 / 3	DPMP		RF
144 /201 2 3	Sanitary Sewer: Service, Lot 79 on Bright Angel Dr.	10	Below Grade	05/30/2025	P4	9.6	122.2	98	95	-2 / 2	DPMP		RF
144 /201 3 4	Sanitary Sewer: Service, Lot 84 on Bright Angel Dr.	10	Below Grade	05/30/2025	P4	9.9	121.8	98	95	-2 / 2	DPMP		RF
144 /201 4 5	Sanitary Sewer: Main, STA 13 + 00 on Bright Angel Dr.	10	Below Grade	05/30/2025	P4	9.1	122.5	98	95	-2 / 2	DPMP		RF
144 /201 5 6	Sanitary Sewer: Service, Lot 78 on Bright Angel Dr.	8	Below Grade	06/02/2025	P7	14.4	107.8	96	95	-1 / 3	DPMP		RF
144 /201 6 7	Sanitary Sewer: Service, Lot 85 on Bright Angel Dr.	8	Below Grade	06/02/2025	P7	14.7	107.9	97	95	-1 / 3	DPMP		RF
144 /201 7 8	Sanitary Sewer: Service, Lot 84 on Bright Angel Dr.	8	Below Grade	06/02/2025	P4	9.8	119.6	96	95	-2 / 2	DPMP		RF
144 /201 8 9	Sanitary Sewer: Service, Lot 79 on Bright Angel Dr.	8	Below Grade	06/02/2025	P4	10.0	119.2	96	95	-2 / 2	DPMP		RF
144 /202 9 0	Sanitary Sewer: Main, STA 13 + 00 on Bright Angel Dr.	8	Below Grade	06/02/2025	P4	9.8	120.1	96	95	-2 / 2	DPMP		RF
145 /202 0 1	Sanitary Sewer: Service, Lot 83 on Bright Angel Dr.	10	Below Grade	06/02/2025	P4	9.1	121.9	98	95	-2 / 2	DPMP		RF



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Soil Density Report

Client:

Tech Contractors
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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
145 /202 1 2	Sanitary Sewer: Service, Lot 85 on Bright Angel Dr.	6	Below Grade	06/02/2025	P7	15.1	107.8	96	95	-1 / 3	DPMP		RF
145 /202 2 3	Sanitary Sewer: Service, Lot 78 on Bright Angel Dr.	6	Below Grade	06/02/2025	P7	15.2	107.4	96	95	-1 / 3	DPMP		RF

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 - B	SC	8.2	124.7
P7	ASTM D698 - A	CL	13.7	111.8
P5	ASTM D1557 - A	SM	11.3	120.5

06/05/2025

Reviewed by: Joey Goode, PE



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Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
145 /202 3 4	Sanitary Sewer: Service, Lot 80 on Bright Angel Dr.	10	Below Grade	06/03/2025	P4	9.9	122.5	98	95	-2 / 2	DPMP		RF
145 /202 4 5	Sanitary Sewer: Service, Lot 83 on Bright Angel Dr.	8	Below Grade	06/03/2025	P4	9.4	118.6	95	95	-2 / 2	DPMP		RF
145 /202 5 6	Sanitary Sewer: Main, STA 13 + 00 on Bright Angel Dr.	6	Below Grade	06/03/2025	P4	10.1	117.8	95	95	-2 / 2	DPMP		RF
145 /202 6 7	Sanitary Sewer: Service, Lot 84 on Bright Angel Dr.	6	Below Grade	06/03/2025	P4	10.0	118.1	95	95	-2 / 2	DPMP		RF
145 /202 7 8	Sanitary Sewer: Service, Lot 79 on Bright Angel Dr.	6	Below Grade	06/03/2025	P4	10.2	117.9	95	95	-2 / 2	DPMP		RF
145 /202 8 9	Sanitary Sewer: Service, Lot 81 on Bright Angel Dr.	10	Below Grade	06/03/2025	P4	9.8	122.4	98	95	-2 / 2	DPMP		RF
145 /203 9 0	Sanitary Sewer: Service, Lot 82 on Bright Angel Dr.	10	Below Grade	06/03/2025	P4	10.1	121.9	98	95	-2 / 2	DPMP		RF
146 /203 0 1	Sanitary Sewer: Manhole 10, STA 14 + 40 on Bright Angel Dr.	10	Below Grade	06/03/2025	P4	9.8	122.1	98	95	-2 / 2	DPMP		RF
146 /203 1 2	Sanitary Sewer: Service, Lot 80 on Bright Angel Dr.	8	Below Grade	06/04/2025	P4	10.1	118.5	95	95	-2 / 2	DPMP		RF
146 /203 2 3	Sanitary Sewer: Service, Lot 79 on Bright Angel Dr.	4	Below Grade	06/04/2025	P4	10.1	118.6	95	95	-2 / 2	DPMP		RF
146 /203 3 4	Sanitary Sewer: Main, STA 13 + 00 on Bright Angel Dr.	4	Below Grade	06/04/2025	P4	10.1	118.3	95	95	-2 / 2	DPMP		RF
146 /203 4 5	Sanitary Sewer: Service, Lot 84 on Bright Angel Dr.	4	Below Grade	06/04/2025	P4	9.9	118.6	95	95	-2 / 2	DPMP		RF
146 /203 5 6	Sanitary Sewer: Service, Lot 85 on Bright Angel Dr.	4	Below Grade	06/04/2025	P7	12.9	106.8	96	95	-1 / 3	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
146 /203 6 7	Sanitary Sewer: Service, Lot 78 on Bright Angel Dr.	4	Below Grade	06/04/2025	P7	13.2	105.8	95	95	-1 / 3	DPMP		RF
146 /203 7 8	Sanitary Sewer: Service, Lot 78 on Bright Angel Dr.	2	Below Grade	06/05/2025	P7	12.9	107.2	96	95	-1 / 3	DPMP		RF
146 /203 8 9	Sanitary Sewer: Service, Lot 85 on Bright Angel Dr.	2	Below Grade	06/05/2025	P7	13.1	107.1	96	95	-1 / 3	DPMP		RF
146 /204 9 0	Sanitary Sewer: Main, STA 13 + 00 on Bright Angel Dr.	2	Below Grade	06/05/2025	P4	10.1	120.9	97	95	-2 / 2	DPMP		RF
147 /204 0 1	Sanitary Sewer: Service, Lot 84 on Bright Angel Dr.	2	Below Grade	06/05/2025	P4	10.2	119.5	96	95	-2 / 2	DPMP		RF
147 /204 1 2	Sanitary Sewer: Service, Lot 79 on Bright Angel Dr.	2	Below Grade	06/05/2025	P4	9.8	118.3	95	95	-2 / 2	DPMP		RF
147 /204 2 3	Sanitary Sewer: Service, Lot 80 on Bright Angel Dr.	6	Below Grade	06/05/2025	P4	10.2	119.1	96	95	-2 / 2	DPMP		RF
147 /204 3 4	Sanitary Sewer: Service, Lot 83 on Bright Angel Dr.	6	Below Grade	06/05/2025	P4	9.7	118.9	95	95	-2 / 2	DPMP		RF
147 /204 4 5	Sanitary Sewer: Service, Lot 81 on Bright Angel Dr.	8	Below Grade	06/05/2025	P4	10.1	119.3	96	95	-2 / 2	DPMP		RF
147 /204 5 6	Sanitary Sewer: Service, Lot 82 on Bright Angel Dr.	8	Below Grade	06/05/2025	P4	10.2	119.4	96	95	-2 / 2	DPMP		RF
147 /204 6 7	Sanitary Sewer: Manhole 10, STA 14 + 40 on Bright Angel Dr.	8	Below Grade	06/05/2025	P4	10.2	120.2	96	95	-2 / 2	DPMP		RF
147 /204 7 8	Sanitary Sewer: Service, Lot 61 on Temple Butte Dr.	10	Below Grade	06/05/2025	P4	10.2	122.7	98	95	-2 / 2	DPMP		RF
147 /204 8 9	Sanitary Sewer: Service, Lot 74 on Temple Butte Dr.	10	Below Grade	06/05/2025	P4	10.0	122.6	98	95	-2 / 2	DPMP		RF



Entech Engineering
505 Elkton Dr.
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Phone: 719-531-5599

Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
147 /205 9 0	Sanitary Sewer: Service, Lot 82 on Bright Angel Dr.	6	Below Grade	06/06/2025	P4	10.2	119.4	96	95	-2 / 2	DPMP		RF
148 /205 0 1	Sanitary Sewer: Manhole 10, STA 14 + 40 on Bright Angel Dr.	6	Below Grade	06/06/2025	P4	10.1	119.3	96	95	-2 / 2	DPMP		RF
148 /205 1 2	Sanitary Sewer: Service, Lot 81 on Bright Angel Dr.	6	Below Grade	06/06/2025	P4	10.2	120.1	96	95	-2 / 2	DPMP		RF
148 /205 2 3	Sanitary Sewer: Service, Lot 73 on Temple Butte Dr.	10	Below Grade	06/06/2025	P4	10.1	122.2	98	95	-2 / 2	DPMP		RF
148 /205 3 4	Sanitary Sewer: Service, Lot 62 on Temple Butte Dr.	10	Below Grade	06/06/2025	P4	10.0	121.9	98	95	-2 / 2	DPMP		RF
148 /205 4 5	Sanitary Sewer: Main, STA 11 + 50 on Temple Butte Dr.	10	Below Grade	06/06/2025	P4	10.2	121.7	98	95	-2 / 2	DPMP		RF
148 /205 5 6	Sanitary Sewer: Service, Lot 83 on Bright Angel Dr.	4	Below Grade	06/06/2025	P4	10.1	119.5	96	95	-2 / 2	DPMP		RF
148 /205 6 7	Sanitary Sewer: Manhole 6, STA 17 + 93 on Horn Hill Dr.	6	Below Grade	06/06/2025	P4	9.8	119.4	96	95	-2 / 2	DPMP		RF
148 /205 7 8	Sanitary Sewer: Service, Lot 61 on Temple Butte Dr.	8	Below Grade	06/06/2025	P4	10.2	119.9	96	95	-2 / 2	DPMP		RF
148 /205 8 9	Sanitary Sewer: Service, Lot 74 on Temple Butte Dr.	8	Below Grade	06/06/2025	P4	10.2	119.4	96	95	-2 / 2	DPMP		RF
148 /206 9 0	Sanitary Sewer: Service, Lot 73 on Temple Butte Dr.	8	Below Grade	06/06/2025	P4	10.1	119.7	96	95	-2 / 2	DPMP		RF
149 /206 0 1	Sanitary Sewer: Service, Lot 62 on Temple Butte Dr.	8	Below Grade	06/06/2025	P4	9.8	120.7	97	95	-2 / 2	DPMP		RF
149 /206 1 2	Sanitary Sewer: Main, STA 11 + 50 on Temple Butte Dr.	8	Below Grade	06/06/2025	P4	9.9	119.2	96	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
149 /206 2 3	Sanitary Sewer: Service, Lot 45 on Horn Hill Dr.	8	Below Grade	06/06/2025	P4	10.1	119.3	96	95	-2 / 2	DPMP		RF
149 /206 3 4	Sanitary Sewer: Service, Lot 46 on Redwall Dr.	8	Below Grade	06/06/2025	P4	10.1	119.8	96	95	-2 / 2	DPMP		RF
149 /206 4 5	Sanitary Sewer: Manhole 7, STA 14 + 92 on Redwall Dr.	8	Below Grade	06/06/2025	P4	10.2	119.3	96	95	-2 / 2	DPMP		RF
149 /206 5 6	Sanitary Sewer: Service, Lot 63 on Temple Butte Dr.	10	Below Grade	06/06/2025	P4	10.1	122.4	98	95	-2 / 2	DPMP		RF
149 /206 6 7	Sanitary Sewer: Service, Lot 72 on Temple Butte Dr.	10	Below Grade	06/06/2025	P4	10.0	121.8	98	95	-2 / 2	DPMP		RF

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 - B	SC	8.2	124.7
P7	ASTM D698 - A	CL	13.7	111.8

06/13/2025

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
149 / 206 7 8	Sanitary Sewer: Service, Lot 83 on Bright Angel Dr.	2	Below Grade	06/09/2025	P4	9.8	119.2	96	95	-2 / 2	DPMP		RF
149 / 206 8 9	Sanitary Sewer: Service, Lot 81 on Bright Angel Dr.	4	Below Grade	06/09/2025	P4	10.1	119.3	96	95	-2 / 2	DPMP		RF
149 / 207 9 0	Sanitary Sewer: Service, Lot 82 on Bright Angel Dr.	4	Below Grade	06/09/2025	P4	9.9	118.7	95	95	-2 / 2	DPMP		RF
17 / 207 1	Storm Water: Manhole J-15, STA 27 + 75 on Shelter Creek Dr.	4	Below Grade	06/09/2025	P2	11.2	115.4	96	95	-2 / 2	DPMP		RF
18 / 207 2	Storm Water: Manhole J-15, STA 27 + 75 on Shelter Creek Dr.	2	Below Grade	06/09/2025	P2	10.9	114.8	96	95	-2 / 2	DPMP		RF
150 / 207 0 3	Sanitary Sewer: Service, Lot 64 on Temple Butte Dr.	10	Below Grade	06/10/2025	P4	9.8	121.7	98	95	-2 / 2	DPMP		RF
150 / 207 1 4	Sanitary Sewer: Service, Lot 71 on Temple Butte Dr.	10	Below Grade	06/10/2025	P4	10.1	121.6	98	95	-2 / 2	DPMP		RF
150 / 207 2 5	Sanitary Sewer: Service, Lot 72 on Temple Butte Dr.	8	Below Grade	06/10/2025	P4	9.5	118.6	95	95	-2 / 2	DPMP		RF
150 / 207 3 6	Sanitary Sewer: Service, Lot 63 on Temple Butte Dr.	8	Below Grade	06/10/2025	P4	9.8	118.1	95	95	-2 / 2	DPMP		RF
150 / 207 4 7	Sanitary Sewer: Main, STA 11 + 50 on Temple Butte Dr.	6	Below Grade	06/10/2025	P4	9.7	119.2	96	95	-2 / 2	DPMP		RF
150 / 207 5 8	Sanitary Sewer: Service, Lot 62 on Temple Butte Dr.	6	Below Grade	06/10/2025	P4	10.2	118.7	95	95	-2 / 2	DPMP		RF
150 / 207 6 9	Sanitary Sewer: Service, Lot 73 on Temple Butte Dr.	6	Below Grade	06/10/2025	P4	9.7	119.1	96	95	-2 / 2	DPMP		RF
150 / 208 7 0	Sanitary Sewer: Service, Lot 74 on Temple Butte Dr.	6	Below Grade	06/10/2025	P4	10.0	119.3	96	95	-2 / 2	DPMP		RF
150 / 208 8 1	Sanitary Sewer: Service, Lot 61 on Temple Butte Dr.	6	Below Grade	06/10/2025	P4	10.1	118.7	95	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
150 /208 9 2	Sanitary Sewer: Service, Lot 81 on Bright Angel Dr.	2	Below Grade	06/10/2025	P4	9.8	119.2	96	95	-2 / 2	DPMP		RF
151 /208 0 3	Sanitary Sewer: Service, Lot 82 on Bright Angel Dr.	2	Below Grade	06/10/2025	P4	9.4	118.6	95	95	-2 / 2	DPMP		RF
151 /208 1 4	Sanitary Sewer: Manhole 10, STA 14+ 40 on Bright Angel Dr.	4	Below Grade	06/10/2025	P4	9.6	119.6	96	95	-2 / 2	DPMP		RF
151 /208 2 5	Sanitary Sewer: Service, Lot 80 on Bright Angel Dr.	4	Below Grade	06/10/2025	P4	9.4	119.2	96	95	-2 / 2	DPMP		RF
151 /208 3 6	Sanitary Sewer: Service, Lot 79 on Bright Angel Dr.	-	At Grade	06/10/2025	P4	9.1	118.7	95	95	-2 / 2	DPMP		RF
151 /208 4 7	Sanitary Sewer: Service, Lot 78 on Bright Angel Dr.	-	At Grade	06/10/2025	P7	12.9	106.2	95	95	-1 / 3	DPMP		RF
151 /208 5 8	Sanitary Sewer: Service, Lot 77 on Bright Angel Dr.	-	At Grade	06/10/2025	P7	12.9	106.4	95	95	-1 / 3	DPMP		RF
151 /208 6 9	Sanitary Sewer: Service, Lot 76 on Bright Angel Dr.	-	At Grade	06/10/2025	P7	13.2	107.3	96	95	-1 / 3	DPMP		RF
151 /209 7 0	Sanitary Sewer: Service, Lot 75 on Bright Angel Dr.	-	At Grade	06/10/2025	P4	9.4	118.8	95	95	-2 / 2	DPMP		RF
151 /209 8 1	Sanitary Sewer: Service, Lot 88 on Bright Angel Dr.	-	At Grade	06/10/2025	P4	9.4	118.6	95	95	-2 / 2	DPMP		RF
151 /209 9 2	Sanitary Sewer: Service, Lot 87 on Bright Angel Dr.	-	At Grade	06/10/2025	P7	13.1	106.8	96	95	-1 / 3	DPMP		RF
152 /209 0 3	Sanitary Sewer: Main, STA 11 + 50 on Bright Angel Dr.	-	At Grade	06/10/2025	P7	13.4	107.2	96	95	-1 / 3	DPMP		RF
152 /209 1 4	Sanitary Sewer: Service, Lot 86 on Bright Angel Dr.	-	At Grade	06/10/2025	P7	13.8	107.6	96	95	-1 / 3	DPMP		RF
152 /209 2 5	Sanitary Sewer: Service, Lot 85 on Bright Angel Dr.	-	At Grade	06/10/2025	P7	13.2	108.1	97	95	-1 / 3	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
152 /209 3 6	Sanitary Sewer: Service, Lot 84 on Bright Angel Dr.	-	At Grade	06/10/2025	P4	9.9	118.3	95	95	-2 / 2	DPMP		RF
152 /209 4 7	Sanitary Sewer: Main, STA 13 + 00 on Bright Angel Dr.	-	At Grade	06/10/2025	P4	9.4	119.7	96	95	-2 / 2	DPMP		RF
152 /209 5 8	Sanitary Sewer: Service, Lot 83 on Bright Angel Dr.	-	At Grade	06/10/2025	P4	10.1	119.2	96	95	-2 / 2	DPMP		RF
152 /209 6 9	Sanitary Sewer: Manhole 10, STA 14 + 40 on Bright Angel Dr.	2	At Grade	06/10/2025	P4	10.1	119.9	96	95	-2 / 2	DPMP		RF
152 /210 7 0	Sanitary Sewer: Service, Lot 80 on Bright Angel Dr.	2	Below Grade	06/10/2025	P4	9.8	118.5	95	95	-2 / 2	DPMP		RF
152 /210 8 1	Sanitary Sewer: Service, Lot 32 on Horn Hill Dr.	2	Below Grade	06/10/2025	P4	9.2	119.7	96	95	-2 / 2	DPMP		RF
152 /210 9 2	Sanitary Sewer: Service, Lot 35 on Horn Hill Dr.	2	Below Grade	06/10/2025	P4	9.6	119.5	96	95	-2 / 2	DPMP		RF
153 /210 0 3	Sanitary Sewer: Service, Lot 36 on Horn Hill Dr.	2	Below Grade	06/10/2025	P4	9.8	118.8	95	95	-2 / 2	DPMP		RF
153 /210 1 4	Sanitary Sewer: Service, Lot 72 on Temple Butte Dr.	6	Below Grade	06/10/2025	P4	9.7	118.3	95	95	-2 / 2	DPMP		RF
153 /210 2 5	Sanitary Sewer: Service, Lot 63 on Temple Butte Dr.	6	Below Grade	06/10/2025	P4	9.6	119.0	95	95	-2 / 2	DPMP		RF
153 /210 3 6	Sanitary Sewer: Main, STA 11 + 50 on Temple Butte Dr.	4	Below Grade	06/10/2025	P4	10.1	120.2	96	95	-2 / 2	DPMP		RF
153 /210 4 7	Sanitary Sewer: Service, Lot 73 on Temple Butte Dr.	4	Below Grade	06/10/2025	P4	9.3	118.8	95	95	-2 / 2	DPMP		RF
153 /210 5 8	Sanitary Sewer: Service, Lot 62 on Temple Butte Dr.	4	Below Grade	06/10/2025	P4	10.2	119.5	96	95	-2 / 2	DPMP		RF
153 /210 6 9	Sanitary Sewer: Service, Lot 61 on Temple Butte Dr.	4	Below Grade	06/10/2025	P4	9.9	119.4	96	95	-2 / 2	DPMP		RF



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Soil Density Report

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
153 $\frac{211}{70}$	Sanitary Sewer: Service, Lot 74 on Temple Butte Dr.	4	Below Grade	06/10/2025	P4	10.1	118.6	95	95	-2 / 2	DPMP		RF
153 $\frac{211}{81}$	Sanitary Sewer: Main, STA 13 + 00 on Temple Butte Dr.	10	Below Grade	06/10/2025	P4	9.9	122.7	98	95	-2 / 2	DPMP		RF
153 $\frac{211}{92}$	Sanitary Sewer: Service, Lot 70 on Temple Butte Dr.	10	Below Grade	06/10/2025	P4	9.6	122.3	98	95	-2 / 2	DPMP		RF
154 $\frac{211}{03}$	Sanitary Sewer: Service, Lot 65 on Temple Butte Dr.	10	Below Grade	06/10/2025	P4	9.8	120.7	97	95	-2 / 2	DPMP		RF
154 $\frac{211}{14}$	Sanitary Sewer: Service, Lot 64 on Temple Butte Dr.	8	Below Grade	06/10/2025	P4	9.5	119.2	96	95	-2 / 2	DPMP		RF
154 $\frac{211}{25}$	Sanitary Sewer: Service, Lot 71 on Temple Butte Dr.	8	Below Grade	06/10/2025	P4	9.7	118.6	95	95	-2 / 2	DPMP		RF
19 $\frac{211}{6}$	Storm Water: Manhole J-15, STA 27 + 75 on Shelter Creek Dr.	-	At Grade	06/10/2025	P2	10.6	115.2	96	95	-2 / 2	DPMP		RF
20 $\frac{211}{7}$	Storm Water: Manhole J-14, STA 30 + 99 on Shelter Creek Dr.	4	Below Grade	06/11/2025	P3	9.3	120.5	96	95	-2 / 2	DPMP		RF
21 $\frac{211}{8}$	Storm Water: Manhole J-14, STA 30 + 99 on Shelter Creek Dr.	2	Below Grade	06/11/2025	P3	9.1	119.8	95	95	-2 / 2	DPMP		RF
154 $\frac{211}{39}$	Sanitary Sewer: Service, Lot 66 on Temple Butte Dr.	10	Below Grade	06/11/2025	P4	9.7	121.8	98	95	-2 / 2	DPMP		RF
154 $\frac{212}{40}$	Sanitary Sewer: Service, Lot 69 on Temple Butte Dr.	10	Below Grade	06/11/2025	P4	9.4	122.1	98	95	-2 / 2	DPMP		RF
22 $\frac{212}{1}$	Storm Water: Manhole J-13, STA 33 + 99 on Shelter Creek Dr.	4	Below Grade	06/11/2025	P3	9.3	119.6	95	95	-2 / 2	DPMP		RF
23 $\frac{212}{2}$	Storm Water: Manhole J-13, STA 33 + 99 on Shelter Creek Dr.	2	Below Grade	06/11/2025	P3	9.4	119.7	95	95	-2 / 2	DPMP		RF
154 $\frac{212}{53}$	Sanitary Sewer: Service, Lot 95 on Tapeats Dr.	-	At Grade	06/11/2025	P5	9.8	115.2	96	95	-2 / 2	DPMP		RF
154 $\frac{212}{64}$	Sanitary Sewer: Service, Lot 94 on Tapeats Dr.	-	At Grade	06/11/2025	P5	10.1	115.9	96	95	-2 / 2	DPMP		RF



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154 / 127 5	Sanitary Sewer: Service, Lot 93 on Tapeats Dr.	-	At Grade	06/11/2025	P5	9.7	116.7	97	95	-2 / 2	DPMP		RF
154 / 128 6	Sanitary Sewer: Service, Lot 92 on Tapeats Dr.	-	At Grade	06/11/2025	P5	9.9	115.5	96	95	-2 / 2	DPMP		RF
154 / 129 7	Sanitary Sewer: Service, Lot 91 on Tapeats Dr.	-	At Grade	06/11/2025	P5	10.3	116.1	96	95	-2 / 2	DPMP		RF
155 / 120 8	Sanitary Sewer: Service, Lot 90 on Tapeats Dr.	-	At Grade	06/11/2025	P5	9.7	115.8	96	95	-2 / 2	DPMP		RF
155 / 121 9	Sanitary Sewer: Service, Lot 89 on Tapeats Dr.	-	At Grade	06/11/2025	P5	9.6	116.2	96	95	-2 / 2	DPMP		RF
155 / 122 0	Sanitary Sewer: Service, Lot 102 on Tapeats Dr.	-	At Grade	06/11/2025	P5	9.8	116.1	96	95	-2 / 2	DPMP		RF
155 / 123 1	Sanitary Sewer: Service, Lot 101 on Tapeats Dr.	-	At Grade	06/11/2025	P5	9.3	116.6	97	95	-2 / 2	DPMP		RF
155 / 124 2	Sanitary Sewer: Main, STA 11 + 50 on Tapeats Dr.	-	At Grade	06/11/2025	P5	9.4	116.3	97	95	-2 / 2	DPMP		RF
155 / 125 3	Sanitary Sewer: Service, Lot 100 on Tapeats Dr.	-	At Grade	06/11/2025	P5	9.7	115.8	96	95	-2 / 2	DPMP		RF
155 / 126 4	Sanitary Sewer: Service, Lot 99 on Tapeats Dr.	-	At Grade	06/11/2025	P5	9.6	115.3	96	95	-2 / 2	DPMP		RF
155 / 127 5	Sanitary Sewer: Main, STA 13 + 00 on Tapeats Dr.	-	At Grade	06/11/2025	P5	9.6	114.8	95	95	-2 / 2	DPMP		RF
155 / 128 6	Sanitary Sewer: Service, Lot 98 on Tapeats Dr.	-	At Grade	06/11/2025	P5	9.7	115.1	96	95	-2 / 2	DPMP		RF
155 / 129 7	Sanitary Sewer: Service, Lot 97 on Tapeats Dr.	-	At Grade	06/11/2025	P5	9.4	116.5	97	95	-2 / 2	DPMP		RF
156 / 120 8	Sanitary Sewer: Service, Lot 96 on Tapeats Dr.	-	At Grade	06/11/2025	P5	9.3	116.7	97	95	-2 / 2	DPMP		RF



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156 /213 1 9	Sanitary Sewer: Manhole 11, STA 14 + 40 on Tapeats Dr.	-	At Grade	06/11/2025	P5	9.6	116.8	97	95	-2 / 2	DPMP		RF
156 /214 2 0	Sanitary Sewer: Manhole 10, STA 14 + 40 on Bright Angel Dr.	-	At Grade	06/11/2025	P4	10.0	119.9	96	95	-2 / 2	DPMP		RF
156 /214 3 1	Sanitary Sewer: Service, Lot 81 on Bright Angel Dr.	-	At Grade	06/11/2025	P4	9.8	119.6	96	95	-2 / 2	DPMP		RF
156 /214 4 2	Sanitary Sewer: Service, Lot 80 on Bright Angel Dr.	-	At Grade	06/11/2025	P4	9.7	120.1	96	95	-2 / 2	DPMP		RF
156 /214 5 3	Sanitary Sewer: Service, Lot 82 on Bright Angel Dr.	-	At Grade	06/11/2025	P4	9.4	118.7	95	95	-2 / 2	DPMP		RF
24 /214 4	Storm Water: Manhole J-14, STA 30 + 99 on Shelter Creek Dr.	-	At Grade	06/11/2025	P3	9.2	120.1	96	95	-2 / 2	DPMP		RF
156 /214 6 5	Sanitary Sewer: Service, Lot 66 on Temple Butte Dr.	8	Below Grade	06/11/2025	P4	9.6	118.9	95	95	-2 / 2	DPMP		RF
156 /214 7 6	Sanitary Sewer: Service, Lot 69 on Temple Butte Dr.	8	Below Grade	06/11/2025	P4	9.3	119.6	96	95	-2 / 2	DPMP		RF
156 /214 8 7	Sanitary Sewer: Service, Lot 70 on Temple Butte Dr.	8	Below Grade	06/11/2025	P4	9.2	118.9	95	95	-2 / 2	DPMP		RF
156 /214 9 8	Sanitary Sewer: Service, Lot 65 on Temple Butte Dr.	8	Below Grade	06/11/2025	P4	9.1	119.3	96	95	-2 / 2	DPMP		RF
157 /214 0 9	Sanitary Sewer: Main, STA 13 + 00 on Temple Butte Dr.	8	Below Grade	06/11/2025	P4	9.5	120.1	96	95	-2 / 2	DPMP		RF
157 /215 1 0	Sanitary Sewer: Service, Lot 64 on Temple Butte Dr.	6	Below Grade	06/11/2025	P4	8.9	119.4	96	95	-2 / 2	DPMP		RF
157 /215 2 1	Sanitary Sewer: Service, Lot 71 on Temple Butte Dr.	6	Below Grade	06/11/2025	P4	9.7	120.2	96	95	-2 / 2	DPMP		RF

Remarks

DP/MP : Density Pass / Moisture Pass

Comments

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



Entech Engineering
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Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, CO

Proctor Data

Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)
P4	ASTM D1557 - B	SC	8.2	124.7
P2	ASTM D1557 - A	ML	10.1	120.1
P7	ASTM D698 - A	CL	13.7	111.8
P3	ASTM D1557 - B	SW	7.5	125.8
P5	ASTM D1557 - A	SM	11.3	120.5

06/19/2025

Reviewed by: Joey Goode, PE



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
25 / 215 2	Storm Water: Manhole J-13, STA 33 + 99 on Shelter Creek Dr.	-	At Grade	06/12/2025	P3	9.2	120.7	96	95	-2 / 2	DPMP		RF
26 / 215 3	Storm Water: Inlet 11 on the lot side, STA 78 + 69 on Sunrise Ridge Dr.	4	Below Grade	06/12/2025	P2	11.6	115.4	96	95	-2 / 2	DPMP		RF
27 / 215 4	Storm Water: Inlet 11 on the street side, STA 78 + 69 on Sunrise Ridge Dr.	4	Below Grade	06/12/2025	P2	11.5	114.9	96	95	-2 / 2	DPMP		RF
28 / 215 5	Storm Water: Inlet 11 on the northeast corner, STA 78 + 69 on Sunrise Ridge Dr.	2	Below Grade	06/12/2025	P2	11.9	115.8	96	95	-2 / 2	DPMP		RF
29 / 215 6	Storm Water: Inlet 11 on the street side, STA 78 + 69 on Sunrise Ridge Dr.	2	Below Grade	06/12/2025	P2	10.7	114.2	95	95	-2 / 2	DPMP		RF
30 / 215 7	Storm Water: Inlet 12 on the street side, STA 19 + 60 on Crystal Falls Dr.	4	Below Grade	06/12/2025	P3	9.3	121.0	96	95	-2 / 2	DPMP		RF
31 / 215 8	Storm Water: Inlet 12 on the lot side, STA 19 + 60 on Crystal Falls Dr.	4	Below Grade	06/12/2025	P3	9.4	119.9	95	95	-2 / 2	DPMP		RF
157 / 215 3 9	Sanitary Sewer: Main, STA 13 + 00 on Temple Butte Dr.	6	Below Grade	06/12/2025	P4	8.9	118.5	95	95	-2 / 2	DPMP		RF
157 / 216 4 0	Sanitary Sewer: Service, Lot 65 on Temple Butte Dr.	6	Below Grade	06/12/2025	P4	9.7	119.3	96	95	-2 / 2	DPMP		RF
157 / 216 5 1	Sanitary Sewer: Service, Lot 70 on Temple Butte Dr.	6	Below Grade	06/12/2025	P4	9.0	119.3	96	95	-2 / 2	DPMP		RF
157 / 216 6 2	Sanitary Sewer: Service, Lot 69 on Temple Butte Dr.	6	Below Grade	06/12/2025	P4	9.1	119.6	96	95	-2 / 2	DPMP		RF
157 / 216 7 3	Sanitary Sewer: Service, Lot 66 on Temple Butte Dr.	6	Below Grade	06/12/2025	P4	9.4	119.1	96	95	-2 / 2	DPMP		RF
157 / 216 8 4	Sanitary Sewer: Service, Lot 68 on Temple Butte Dr.	10	Below Grade	06/12/2025	P4	8.7	121.8	98	95	-2 / 2	DPMP		RF
157 / 216 9 5	Sanitary Sewer: Service, Lot 67 on Temple Butte Dr.	10	Below Grade	06/12/2025	P4	9.5	121.7	98	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
158 / 216 0 6	Sanitary Sewer: Manhole 9, STA 14 + 40 on Temple Butte Dr.	10	Below Grade	06/12/2025	P4	9.2	121.8	98	95	-2 / 2	DPMP		RF
32 / 216 7	Storm Water: Inlet 12 on the street side, STA 19 + 60 on Crystal Falls Dr.	2	Below Grade	06/12/2025	P3	9.2	120.4	96	95	-2 / 2	DPMP		RF
33 / 216 8	Storm Water: Inlet 12 on the lot side, STA 19 + 60 on Crystal Falls Dr.	2	Below Grade	06/12/2025	P3	9.5	120.5	96	95	-2 / 2	DPMP		RF
34 / 216 9	Storm Water: Inlet 13 on the lot side, STA 24 + 16 on House Rock Dr.	4	Below Grade	06/12/2025	P1	10.3	122.4	96	95	-2 / 2	DPMP		RF
35 / 217 0	Storm Water: Inlet 13 on the street side, STA 24 + 16 on House Rock Dr.	4	Below Grade	06/12/2025	P1	10.2	121.9	96	95	-2 / 2	DPMP		RF
36 / 217 1	Storm Water: Inlet 13 on the street side, STA 24 + 16 on House Rock Dr.	2	Below Grade	06/12/2025	P1	10.2	121.3	95	95	-2 / 2	DPMP		RF
37 / 217 2	Storm Water: Inlet 13 on the lot side, STA 24 + 16 on House Rock Dr.	2	Below Grade	06/12/2025	P1	10.2	122.5	96	95	-2 / 2	DPMP		RF
548 / 217 3	Water: Service, Lot 126 on Sunrise Ridge Dr.	4	Below Grade	06/12/2025	P2	9.0	121.7	101	95	-2 / 2	DPMP		RF
549 / 217 4	Water: Service, Lot 189 on Crystal Falls Dr.	4	Below Grade	06/12/2025	P3	9.3	119.8	95	95	-2 / 2	DPMP		RF
550 / 217 5	Water: Service, Lot 224 on House Rock Dr.	4	Below Grade	06/12/2025	P1	9.7	122.2	96	95	-2 / 2	DPMP		RF
158 / 217 1 6	Sanitary Sewer: Service, Lot 48 on Redwall Dr.	10	Below Grade	06/12/2025	P2	10.7	117.1	98	95	-2 / 2	DPMP		RF
158 / 217 2 7	Sanitary Sewer: Service, Lot 60 on Redwall Dr.	10	Below Grade	06/12/2025	P2	11.2	117.4	98	95	-2 / 2	DPMP		RF
158 / 217 3 8	Sanitary Sewer: Service, Lot 47 on Redwall Dr.	10	Below Grade	06/12/2025	P2	11.3	117.8	98	95	-2 / 2	DPMP		RF
158 / 217 4 9	Sanitary Sewer: Service, Lot 45 on Horn Hill Dr.	6	Below Grade	06/12/2025	P4	9.7	118.6	95	95	-2 / 2	DPMP		RF
551 / 218 0	Water: Service, Lot 126 on Sunrise Ridge Dr.	2	Below Grade	06/12/2025	P2	10.8	115.2	96	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
552 / 218 1	Water: Service, Lot 189 on Crystal Falls Dr.	2	Below Grade	06/12/2025	P3	9.2	120.8	96	95	-2 / 2	DPMP		RF
553 / 218 2	Water: Service, Lot 224 on House Rock Dr.	2	Below Grade	06/12/2025	P1	8.8	120.6	95	95	-2 / 2	DPMP		RF
158 / 218 5 3	Sanitary Sewer: Service, Lot 72 on Temple Butte Dr.	4	Below Grade	06/13/2025	P4	9.4	117.8	95	95	-2 / 2	DPMP		RF
158 / 218 6 4	Sanitary Sewer: Service, Lot 63 on Temple Butte Dr.	4	Below Grade	06/13/2025	P4	9.4	118.2	95	95	-2 / 2	DPMP		RF
158 / 218 7 5	Sanitary Sewer: Service, Lot 64 on Temple Butte Dr.	4	Below Grade	06/13/2025	P4	9.8	118.8	95	95	-2 / 2	DPMP		RF
158 / 218 8 6	Sanitary Sewer: Service, Lot 71 on Temple Butte Dr.	4	Below Grade	06/13/2025	P4	9.9	119.4	96	95	-2 / 2	DPMP		RF

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 D1557 - B	SW	7.5	125.8
P2	ASTM D1557 - A	ML	10.1	120.1
P4	ASTM D1557 - B	SC	8.2	124.7
P1	ASTM D1557 - B	SC	8.5	127.5

06/20/2025

Reviewed by: Joey Goode, PE



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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 /106 0	Water: Main, STA 13 + 75 on House Rock Dr.	2	Below Grade	04/21/2025	P1	10.2	121.4	95	95	-2 / 2	DPMP		RF
28 /106 1	Water: Main, Lowering for Storm Water, STA 20 + 04 on Crystal Falls Dr.	2	Below Grade	04/21/2025	P2	9.8	114.1	95	95	-2 / 2	DPMP		RF
29 /106 2	Water: Valve, STA 19 + 84 on Crystal Falls Dr.	4	Below Grade	04/21/2025	P3	8.3	119.6	95	95	-2 / 2	DPMP		RF
30 /106 3	Water: Main, STA 10 + 50 on Crystal Falls Dr.	2	Below Grade	04/21/2025	P2	10.3	113.8	95	95	-2 / 2	DPMP		RF
31 /106 4	Water: Main, STA 26 + 50 on Shelter Creek Dr.	-	At Grade	04/21/2025	P3	9.2	119.2	95	95	-2 / 2	DPMP		RF
32 /106 5	Water: Valve, STA 26 + 30 on Shelter Creek Dr.	4	Below Grade	04/21/2025	P3	9.1	119.6	95	95	-2 / 2	DPMP		RF
103 /106 4 6	Sanitary Sewer: Manhole 1, STA 12 + 90 in the utility easement east of Manhole 3.	8	Below Grade	04/21/2025	P4	9.5	118.2	95	95	-2 / 2	DPMP		RF
103 /106 5 7	Sanitary Sewer: Manhole 2, STA 13 + 60 in the utility easement east of Manhole 3.	6	Below Grade	04/21/2025	P4	9.2	118.9	95	95	-2 / 2	DPMP		RF
103 /106 6 8	Sanitary Sewer: Main, STA 14 + 75 in the utility easement east of Manhole 3.	8	Below Grade	04/21/2025	P4	9.7	118.8	95	95	-2 / 2	DPMP		RF
33 /106 9	Water: Valve, STA 14 + 60 on Crystal Falls Dr.	4	Below Grade	04/21/2025	P3	8.8	119.2	95	95	-2 / 2	DPMP		RF
34 /107 0	Water: Valve, STA 24 + 26 on House Rock Dr.	4	Below Grade	04/21/2025	P1	9.8	121.5	95	95	-2 / 2	DPMP		RF
35 /107 1	Water: Main, Lowering for Storm Water, STA 20 + 04 on Crystal Falls Dr.	-	At Grade	04/22/2025	P2	11.1	115.4	96	95	-2 / 2	DPMP		RF
36 /107 2	Water: Main, STA 18 + 50 on Crystal Falls Dr.	-	At Grade	04/22/2025	P3	8.9	120.3	96	95	-2 / 2	DPMP		RF



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Soil Density Report

Client:

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
37 /107 3	Water: Main, STA 16 + 00 on Crystal Falls Dr.	-	At Grade	04/22/2025	P2	10.3	114.8	96	95	-2 / 2	DPMP		RF
38 /107 4	Water: Main, STA 12 + 00 on Crystal Falls Dr.	-	At Grade	04/22/2025	P2	9.9	115.8	96	95	-2 / 2	DPMP		RF
39 /107 5	Water: Main, STA 10 + 50 on Crystal Falls Dr.	-	At Grade	04/22/2025	P2	10.2	114.8	96	95	-2 / 2	DPMP		RF
40 /107 6	Water: Main, STA 11 + 50 on House Rock Dr.	4	Below Grade	04/22/2025	P2	10.3	114.5	95	95	-2 / 2	DPMP		RF
41 /107 7	Water: Valve, STA 26 + 30 on Shelter Creek Dr.	2	Below Grade	04/22/2025	P3	9.2	119.3	95	95	-2 / 2	DPMP		RF
42 /107 8	Water: Main, Lowering for Storm Water, STA 24 + 44 on House Rock Dr.	6	Below Grade	04/22/2025	P2	10.2	114.6	95	95	-2 / 2	DPMP		RF
103 /107 7 9	Sanitary Sewer: Manhole 1, STA 12 + 90 in the utility easement east of Manhole 3.	6	Below Grade	04/22/2025	P4	9.8	117.9	95	95	-2 / 2	DPMP		RF
103 /108 8 0	Sanitary Sewer: Manhole 2, STA 13 + 60 in the utility easement east of Manhole 3.	4	Below Grade	04/22/2025	P4	9.4	118.4	95	95	-2 / 2	DPMP		RF
103 /108 9 1	Sanitary Sewer: Main, STA 14 + 75 in the utility easement east of Manhole 3.	6	Below Grade	04/22/2025	P4	9.2	118.6	95	95	-2 / 2	DPMP		RF
43 /108 2	Water: Main, STA 11 + 50 on House Rock Dr.	2	Below Grade	04/22/2025	P2	10.1	113.8	95	95	-2 / 2	DPMP		RF
44 /108 3	Water: Main, STA 13 + 75 on House Rock Dr.	-	At Grade	04/22/2025	P2	10.4	114.6	95	95	-2 / 2	DPMP		RF
45 /108 4	Water: Main, STA 16 + 00 on House Rock Dr.	-	At Grade	04/22/2025	P1	9.2	120.8	95	95	-2 / 2	DPMP		RF
46 /108 5	Water: Valve, STA 19 + 84 on Crystal Falls Dr.	2	Below Grade	04/22/2025	P3	9.1	119.2	95	95	-2 / 2	DPMP		RF
47 /108 6	Water: Valve, STA 14 + 60 on Crystal Falls Dr.	2	Below Grade	04/22/2025	P3	9.1	118.9	95	95	-2 / 2	DPMP		RF



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Project:

250235
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Peyton, 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
48 /108 7	Water: Valve, STA 24 + 26 on House Rock Dr.	2	Below Grade	04/22/2025	P1	9.4	120.7	95	95	-2 / 2	DPMP		RF
49 /108 8	Water: Main, Lowering for Storm Water, STA 24 + 44 on House Rock Dr.	4	Below Grade	04/22/2025	P2	10.3	114.5	95	95	-2 / 2	DPMP		RF
50 /108 9	Water: Valves, STA 27 + 45 on Shelter Creek Dr.	4	Below Grade	04/22/2025	P2	9.6	114.5	95	95	-2 / 2	DPMP		RF
51 /109 0	Water: Main, STA 29 + 50 on Shelter Creek Dr.	4	Below Grade	04/22/2025	P2	9.8	114.4	95	95	-2 / 2	DPMP		RF
104 /109 0 1	Sanitary Sewer: Main, STA 14 + 75 in the utility easement east of Manhole 3.	4	Below Grade	04/22/2025	P4	10.1	118.0	95	95	-2 / 2	DPMP		RF
104 /109 1 2	Sanitary Sewer: Manhole 2, STA 13 + 60 in the utility easement east of Manhole 3.	2	Below Grade	04/22/2025	P4	9.9	118.2	95	95	-2 / 2	DPMP		RF
104 /109 2 3	Sanitary Sewer: Manhole 1, STA 12 + 90 in the utility easement east of Manhole 3.	4	Below Grade	04/22/2025	P4	10.2	117.8	95	95	-2 / 2	DPMP		RF
52 /109 4	Water: Valve, STA 24 + 26 on House Rock Dr.	-	At Grade	04/22/2025	P1	9.3	121.1	95	95	-2 / 2	DPMP		RF
53 /109 5	Water: Main, STA 29 + 50 on Shelter Creek Dr.	2	Below Grade	04/22/2025	P2	9.7	115.7	96	95	-2 / 2	DPMP		RF
54 /109 6	Water: Main, Lowering for Storm Water, STA 24 + 44 on House Rock Dr.	2	Below Grade	04/22/2025	P2	9.8	115.6	96	95	-2 / 2	DPMP		RF
55 /109 7	Water: Valves, STA 27 + 45 on Shelter Creek Dr.	2	Below Grade	04/22/2025	P2	9.6	114.8	96	95	-2 / 2	DPMP		RF
104 /109 3 8	Sanitary Sewer: Main, STA 14 + 75 in the utility easement east of Manhole 3.	2	Below Grade	04/22/2025	P4	9.2	118.5	95	95	-2 / 2	DPMP		RF
104 /109 4 9	Sanitary Sewer: Manhole 2, STA 13 + 60 in the utility easement east of Manhole 3.	-	At Grade	04/22/2025	P4	10.2	118.6	95	95	-2 / 2	DPMP		RF
104 /110 5 0	Sanitary Sewer: Manhole 1, STA 12 + 90 in the utility easement east of Manhole 3.	2	Below Grade	04/22/2025	P4	9.9	117.9	95	95	-2 / 2	DPMP		RF



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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
56 /110 1	Water: Hydrant 14 and Valve, STA 14 + 78 on House Rock Dr.	4	Below Grade	04/23/2025	P1	8.9	120.7	95	95	-2 / 2	DPMP		RF
57 /110 2	Water: Valve, STA 19 + 84 on Crystal Falls Dr.	-	At Grade	04/23/2025	P3	8.7	119.6	95	95	-2 / 2	DPMP		RF
58 /110 3	Water: Valves, STA 27 + 45 on Shelter Creek Dr.	-	At Grade	04/23/2025	P2	10.1	115.3	96	95	-2 / 2	DPMP		RF
59 /110 4	Water: Main, Lowering for Storm Water, STA 24 + 44 on House Rock Dr.	-	At Grade	04/23/2025	P2	9.8	114.3	95	95	-2 / 2	DPMP		RF
60 /110 5	Water: Main, STA 70 + 50 on Sunrise Ridge Dr.	4	Below Grade	04/23/2025	P2	10.5	114.3	95	95	-2 / 2	DPMP		RF
61 /110 6	Water: Main, STA 69 + 00 on Sunrise Ridge Dr.	4	Below Grade	04/23/2025	P2	10.2	113.7	95	95	-2 / 2	DPMP		RF
104 /110 6 7	Sanitary Sewer: Manhole 1, STA 12 + 90 in the utility easement east of Manhole 3.	-	At Grade	04/23/2025	P4	9.8	118.7	95	95	-2 / 2	DPMP		RF
62 /110 8	Water: Main, STA 11 + 50 on House Rock Dr.	-	At Grade	04/23/2025	P2	9.9	115.1	96	95	-2 / 2	DPMP		RF
63 /110 9	Water: Main, STA 73 + 00 on Sunrise Ridge Dr.	4	Below Grade	04/23/2025	P2	10.2	113.7	95	95	-2 / 2	DPMP		RF
64 /111 0	Water: Main, STA 70 + 50 on Sunrise Ridge Dr.	2	Below Grade	04/23/2025	P2	10.2	114.3	95	95	-2 / 2	DPMP		RF
65 /111 1	Water: Main, STA 69 + 00 on Sunrise Ridge Dr.	2	Below Grade	04/23/2025	P2	10.3	114.2	95	95	-2 / 2	DPMP		RF
66 /111 2	Water: Main, STA 29 + 50 on Shelter Creek Dr.	-	At Grade	04/23/2025	P2	9.8	115.1	96	95	-2 / 2	DPMP		RF
67 /111 3	Water: Main, STA 73 + 00 on Sunrise Ridge Dr.	2	Below Grade	04/23/2025	P2	9.8	114.2	95	95	-2 / 2	DPMP		RF
104 /111 7 4	Sanitary Sewer: Service, Lot 25 on Galeros Dr	14	Below Grade	04/23/2025	P4	9.9	122.4	98	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
68 /111 5	Water: Main, STA 73 + 00 on Sunrise Ridge Dr.	-	At Grade	04/23/2025	P2	9.8	115.1	96	95	-2 / 2	DPMP		RF
69 /111 6	Water: Main, STA 70 + 50 on Sunrise Ridge Dr.	-	At Grade	04/23/2025	P2	10.1	114.6	95	95	-2 / 2	DPMP		RF
1 /111 7	Storm Water: Main, STA 26 + 50 on Shelter Creek Dr.	2	Below Grade	04/24/2025	P3	9.1	118.9	95	95	-2 / 2	DPMP		RF
104 /111 8 8	Sanitary Sewer: Service, Lot 25 on Galeros Dr.	12	Below Grade	04/24/2025	P4	9.7	122.0	98	95	-2 / 2	DPMP		RF
104 /111 9 9	Sanitary Sewer: Service, Lot 103 on Galeros Dr.	12	Below Grade	04/24/2025	P4	9.5	121.8	98	95	-2 / 2	DPMP		RF
105 /112 0 0	Sanitary Sewer: Main, STA 27 + 50 on Galeros Dr.	12	Below Grade	04/24/2025	P4	9.4	121.9	98	95	-2 / 2	DPMP		RF
105 /112 1 1	Sanitary Sewer: Service, Lot 24 on Galeros Dr.	12	Below Grade	04/24/2025	P4	8.9	121.7	98	95	-2 / 2	DPMP		RF
2 /112 2	Storm Water: Main, STA 26 + 50 on Shelter Creek Dr.	-	At Grade	04/24/2025	P3	9.5	119.1	95	95	-2 / 2	DPMP		RF
70 /112 3	Water: Hydrant 14 and Valve, STA 14 + 78 on House Rock Dr.	2	Below Grade	04/24/2025	P1	9.4	120.8	95	95	-2 / 2	DPMP		RF
71 /112 4	Water: Main, STA 69 + 00 on Sunrise Ridge Dr.	-	At Grade	04/24/2025	P2	11.1	115.4	96	95	-2 / 2	DPMP		RF
72 /112 5	Water: Valves, STA 13 + 05 on House Rock Dr.	4	Below Grade	04/24/2025	P2	10.6	114.4	95	95	-2 / 2	DPMP		RF
105 /112 2 6	Sanitary Sewer: Service, Lot 25 on Galeros Dr.	10	Below Grade	04/24/2025	P4	9.8	121.7	98	95	-2 / 2	DPMP		RF
105 /112 3 7	Sanitary Sewer: Service, Lot 24 on Galeros Dr.	10	Below Grade	04/24/2025	P4	9.8	121.8	98	95	-2 / 2	DPMP		RF
105 /112 4 8	Sanitary Sewer: Main, STA 27 + 50 on Galeros Dr.	10	Below Grade	04/24/2025	P4	9.9	122.5	98	95	-2 / 2	DPMP		RF



Entech Engineering
505 Elkton Dr.
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Phone: 719-531-5599

Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
105 /112 5 9	Sanitary Sewer: Service, Lot 103 on Galeros Dr.	10	Below Grade	04/24/2025	P4	9.1	122.1	98	95	-2 / 2	DPMP		RF
105 /113 6 0	Sanitary Sewer: Service, Lot 104 on Galeros Dr.	10	Below Grade	04/24/2025	P4	9.7	121.6	98	95	-2 / 2	DPMP		RF
105 /113 7 1	Sanitary Sewer: Service, Lot 23 on Galeros Dr.	10	Below Grade	04/24/2025	P4	9.9	121.7	98	95	-2 / 2	DPMP		RF
73 /113 2	Water: Hydrant 15 and Valve, STA 17 + 81 on House Rock Dr.	4	Below Grade	04/24/2025	P1	9.1	121.2	95	95	-2 / 2	DPMP		RF
74 /113 3	Water: Valves, STA 13 + 05 on House Rock Dr.	2	At Grade	04/24/2025	P2	9.0	113.5	95	95	-2 / 2	DPMP		RF
75 /113 4	Water: Hydrant 14 and Valve, STA 14 + 78 on House Rock Dr.	-	At Grade	04/24/2025	P1	9.1	120.8	95	95	-2 / 2	DPMP		RF
76 /113 5	Water: Hydrant 16 and Valve, STA 21 + 77 on House Rock Dr.	4	Below Grade	04/24/2025	P1	9.5	120.9	95	95	-2 / 2	DPMP		RF
77 /113 6	Water: Hydrant 17 and Valve, STA 13 + 80 on Crystal Falls Dr.	4	Below Grade	04/24/2025	P2	9.7	113.9	95	95	-2 / 2	DPMP		RF
78 /113 7	Water: Valve, STA 26 + 30 on Shelter Creek Dr.	-	At Grade	04/24/2025	P4	8.9	118.6	95	95	-2 / 2	DPMP		RF
79 /113 8	Water: Hydrant 15 and Valve, STA 17 + 81 on House Rock Dr.	2	Below Grade	04/24/2025	P1	9.3	120.8	95	95	-2 / 2	DPMP		RF
80 /113 9	Water: Hydrant 16 and Valve, STA 21 + 77 on House Rock Dr.	2	Below Grade	04/24/2025	P1	9.6	121.4	95	95	-2 / 2	DPMP		RF
81 /114 0	Water: Hydrant 17 and Valve, STA 13 + 80 on Crystal Falls Dr.	2	Below Grade	04/24/2025	P2	10.4	114.1	95	95	-2 / 2	DPMP		RF
105 /114 8 1	Sanitary Sewer: Service, Lot 25 on Galeros Dr.	8	Below Grade	04/25/2025	P4	9.2	118.5	95	95	-2 / 2	DPMP		RF
105 /114 9 2	Sanitary Sewer: Main, STA 27 + 50 on Galeros Dr.	8	Below Grade	04/25/2025	P4	8.9	118.9	95	95	-2 / 2	DPMP		RF



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Soil Density Report

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
106 /114 0 3	Sanitary Sewer: Service, Lot 24 on Galeros Dr.	8	Below Grade	04/25/2025	P4	10.1	118.5	95	95	-2 / 2	DPMP		RF
106 /114 1 4	Sanitary Sewer: Service, Lot 103 on Galeros Dr.	8	Below Grade	04/25/2025	P4	10.1	118.3	95	95	-2 / 2	DPMP		RF
106 /114 2 5	Sanitary Sewer: Service, Lot 104 on Galeros Dr.	8	Below Grade	04/25/2025	P4	9.7	119.2	96	95	-2 / 2	DPMP		RF
106 /114 3 6	Sanitary Sewer: Service, Lot 23 on Galeros Dr.	8	Below Grade	04/25/2025	P4	9.3	118.8	95	95	-2 / 2	DPMP		RF
84 /114 7	Water: Main, STA 11 + 10 on Cardenas Dr.	4	Below Grade	04/25/2025	P3	9.2	120.7	96	95	-2 / 2	DPMP		RF
82 /114 8	Water: Valves, STA 13 + 05 on House Rock Dr.	-	At Grade	04/25/2025	P2	10.7	114.6	95	95	-2 / 2	DPMP		RF
83 /114 9	Water: Main, STA 11 + 10 on Cardenas Dr.	2	Below Grade	04/25/2025	P3	9.5	119.8	95	95	-2 / 2	DPMP		RF
85 /115 0	Water: Hydrant 15 and Valve, STA 17 + 81 on House Rock Dr.	-	At Grade	04/25/2025	P1	9.7	120.7	95	95	-2 / 2	DPMP		RF
86 /115 1	Water: Hydrant 16 and Valve, STA 21 + 77 on House Rock Dr.	-	At Grade	04/25/2025	P1	9.3	121.1	95	95	-2 / 2	DPMP		RF
87 /115 2	Water: Main, STA 11 + 10 on Cardenas Dr.	-	At Grade	04/25/2025	P3	9.1	119.4	95	95	-2 / 2	DPMP		RF

Remarks

DP/MP : Density Pass / Moisture Pass

Comments

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



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, CO

Proctor Data

Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)
P1	ASTM D1557 - B	SC	8.5	127.5
P2	ASTM D1557 - A	ML	10.1	120.1
P3	ASTM D1557 - B	SW	7.5	125.8
P4	ASTM D1557 - B	SC	8.2	124.7

04/26/2025

Reviewed by: Joey Goode, PE



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Project:

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Peyton, 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
106 /115 4 3	Sanitary Sewer: Service, Lot 105 on Galeros Dr.	10	Below Grade	04/28/2025	P4	9.8	122.2	98	95	-2 / 2	DPMP		RF
106 /115 5 4	Sanitary Sewer: Service, Lot 106 on Galeros Dr.	10	Below Grade	04/28/2025	P4	10.0	121.7	98	95	-2 / 2	DPMP		RF
106 /115 6 5	Sanitary Sewer: Service, Lot 107 on Galeros Dr.	10	Below Grade	04/28/2025	P4	10.1	121.9	98	95	-2 / 2	DPMP		RF
106 /115 7 6	Sanitary Sewer: Service, Lot 20 on Galeros Dr.	10	Below Grade	04/28/2025	P4	9.6	121.6	98	95	-2 / 2	DPMP		RF
106 /115 8 7	Sanitary Sewer: Service, Lot 21 on Galeros Dr.	10	Below Grade	04/28/2025	P4	9.9	121.7	98	95	-2 / 2	DPMP		RF
106 /115 9 8	Sanitary Sewer: Service, Lot 22 on Galeros Dr.	10	Below Grade	04/28/2025	P4	9.7	122.3	98	95	-2 / 2	DPMP		RF
107 /115 0 9	Sanitary Sewer: Main, STA 29 + 00 on Galeros Dr.	10	Below Grade	04/28/2025	P4	9.9	121.8	98	95	-2 / 2	DPMP		RF
88 /116 0	Water: Valve, STA 10 + 60 on Cardenas Dr.	4	Below Grade	04/28/2025	P3	9.1	118.9	95	95	-2 / 2	DPMP		RF
89 /116 1	Water: Valve, STA 10 + 60 on Cardenas Dr.	2	Below Grade	04/28/2025	P3	9.3	119.4	95	95	-2 / 2	DPMP		RF
90 /116 2	Water: Hydrant 18 and Valve, STA 17 + 75 Crystal Falls Dr.	4	At Grade	04/28/2025	P2	10.6	114.1	95	95	-2 / 2	DPMP		RF
91 /116 3	Water: Hydrant 18 and Valve, STA 17 + 75 Crystal Falls Dr.	2	At Grade	04/28/2025	P2	9.9	113.9	95	95	-2 / 2	DPMP		RF
107 /116 1 4	Sanitary Sewer: Main, STA 30 + 50 on Galeros Dr.	10	Below Grade	04/28/2025	P4	10.2	121.8	98	95	-2 / 2	DPMP		RF
107 /116 2 5	Sanitary Sewer: Service, Lot 19 on Galeros Dr.	10	Below Grade	04/28/2025	P4	10.1	122.3	98	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
107 /116 3 6	Sanitary Sewer: Service, Lot 108 on Galeros Dr.	10	Below Grade	04/28/2025	P4	10.2	121.7	98	95	-2 / 2	DPMP		RF
107 /116 4 7	Sanitary Sewer: Service, Lot 107 on Galeros Dr.	8	Below Grade	04/28/2025	P4	9.7	117.8	95	95	-2 / 2	DPMP		RF
107 /116 5 8	Sanitary Sewer: Service, Lot 20 on Galeros Dr.	8	Below Grade	04/28/2025	P4	10.2	118.7	95	95	-2 / 2	DPMP		RF
107 /116 6 9	Sanitary Sewer: Service, Lot 25 on Galeros Dr.	6	Below Grade	04/29/2025	P4	10.0	118.5	95	95	-2 / 2	DPMP		RF
107 /117 7 0	Sanitary Sewer: Main, STA 27 + 50 on Galeros Dr.	6	Below Grade	04/29/2025	P4	9.9	118.2	95	95	-2 / 2	DPMP		RF
107 /117 8 1	Sanitary Sewer: Service, Lot 24 on Galeros Dr.	6	Below Grade	04/29/2025	P4	9.2	118.3	95	95	-2 / 2	DPMP		RF
107 /117 9 2	Sanitary Sewer: Service, Lot 103 on Galeros Dr.	6	Below Grade	04/29/2025	P4	9.5	117.9	95	95	-2 / 2	DPMP		RF
108 /117 0 3	Sanitary Sewer: Service, Lot 104 on Galeros Dr.	6	Below Grade	04/29/2025	P4	10.2	118.1	95	95	-2 / 2	DPMP		RF
108 /117 1 4	Sanitary Sewer: Service, Lot 23 on Galeros Dr.	6	Below Grade	04/29/2025	P4	9.4	118.7	95	95	-2 / 2	DPMP		RF
108 /117 2 5	Sanitary Sewer: Service, Lot 105 on Galeros Dr.	8	Below Grade	04/29/2025	P4	9.3	118.5	95	95	-2 / 2	DPMP		RF
108 /117 3 6	Sanitary Sewer: Service, Lot 22 on Galeros Dr.	8	Below Grade	04/29/2025	P4	9.8	118.0	95	95	-2 / 2	DPMP		RF
108 /117 4 7	Sanitary Sewer: Main, STA 29 + 00 on Galeros Dr.	8	Below Grade	04/29/2025	P4	10.1	118.3	95	95	-2 / 2	DPMP		RF
108 /117 5 8	Sanitary Sewer: Service, Lot 106 on Galeros Dr.	8	Below Grade	04/29/2025	P4	10.1	118.4	95	95	-2 / 2	DPMP		RF



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San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
108 /117 6 9	Sanitary Sewer: Service, Lot 21 on Galeros Dr.	8	Below Grade	04/29/2025	P4	9.9	118.3	95	95	-2 / 2	DPMP		RF
92 /118 0	Water: Valve, STA 74 + 40 on Sunrise Ridge Dr.	4	Below Grade	04/29/2025	P2	10.4	113.8	95	95	-2 / 2	DPMP		RF
93 /118 1	Water: Main, STA 35 + 00 on Shelter Creek Dr.	4	Below Grade	04/29/2025	P3	9.4	119.2	95	95	-2 / 2	DPMP		RF
94 /118 2	Water: Main, STA 35 + 00 on Shelter Creek Dr.	2	Below Grade	04/29/2025	P3	9.1	119.3	95	95	-2 / 2	DPMP		RF
4 /118 3	Storm Water: Main, STA 29 + 00 on Shelter Creek Dr.	4	Below Grade	04/29/2025	P2	10.6	114.6	95	95	-2 / 2	DPMP		RF
108 /118 7 4	Sanitary Sewer: Main, STA 14 + 75 in the utility easement east of Manhole 3.	-	At Grade	04/29/2025	P4	9.8	118.7	95	95	-2 / 2	DPMP		RF
108 /118 8 5	Sanitary Sewer: Service, Lot 103 on Galeros Dr.	4	Below Grade	04/29/2025	P4	9.3	117.9	95	95	-2 / 2	DPMP		RF
108 /118 9 6	Sanitary Sewer: Service, Lot 24 on Galeros Dr.	4	Below Grade	04/29/2025	P4	10.0	117.9	95	95	-2 / 2	DPMP		RF
109 /118 0 7	Sanitary Sewer: Main, STA 27 + 50 on Galeros Dr.	4	Below Grade	04/29/2025	P4	9.5	119.7	96	95	-2 / 2	DPMP		RF
109 /118 1 8	Sanitary Sewer: Service, Lot 104 on Galeros Dr.	4	Below Grade	04/29/2025	P4	9.8	118.4	95	95	-2 / 2	DPMP		RF
109 /118 2 9	Sanitary Sewer: Service, Lot 23 on Galeros Dr.	4	Below Grade	04/29/2025	P4	10.1	118.0	95	95	-2 / 2	DPMP		RF
109 /119 3 0	Sanitary Sewer: Service, Lot 109 on Galeros Dr.	10	Below Grade	04/29/2025	P4	9.5	122.5	98	95	-2 / 2	DPMP		RF
109 /119 4 1	Sanitary Sewer: Service, Lot 18 on Galeros Dr.	10	Below Grade	04/29/2025	P4	10.2	122.7	98	95	-2 / 2	DPMP		RF
109 /119 5 2	Sanitary Sewer: Main, STA 30 + 50 on Galeros Dr.	8	Below Grade	04/29/2025	P4	9.9	118.8	95	95	-2 / 2	DPMP		RF



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Soil Density Report

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
109 /119 6 3	Sanitary Sewer: Service, Lot 19 on Galeros Dr.	8	Below Grade	04/29/2025	P4	9.8	118.2	95	95	-2 / 2	DPMP		RF
109 /119 7 4	Sanitary Sewer: Service, Lot 108 on Galeros Dr.	8	Below Grade	04/29/2025	P4	10.1	118.4	95	95	-2 / 2	DPMP		RF
109 /119 8 5	Sanitary Sewer: Service, Lot 20 on Galeros Dr.	6	Below Grade	04/29/2025	P4	9.7	118.8	95	95	-2 / 2	DPMP		RF
109 /119 9 6	Sanitary Sewer: Service, Lot 107 on Galeros Dr.	6	Below Grade	04/29/2025	P4	9.9	118.2	95	95	-2 / 2	DPMP		RF
110 /119 0 7	Sanitary Sewer: Service, Lot 106 on Galeros Dr.	6	Below Grade	04/29/2025	P4	10.1	118.3	95	95	-2 / 2	DPMP		RF
110 /119 1 8	Sanitary Sewer: Service, Lot 21 on Galeros Dr.	6	Below Grade	04/29/2025	P4	9.5	118.2	95	95	-2 / 2	DPMP		RF
110 /119 2 9	Sanitary Sewer: Main, STA 29 + 00 on Galeros Dr.	6	Below Grade	04/29/2025	P4	10.0	118.4	95	95	-2 / 2	DPMP		RF
110 /120 3 0	Sanitary Sewer: Service, Lot 105 on Galeros Dr.	6	Below Grade	04/29/2025	P4	9.1	117.8	95	95	-2 / 2	DPMP		RF
110 /120 4 1	Sanitary Sewer: Service, Lot 22 on Galeros Dr.	6	Below Grade	04/29/2025	P4	9.7	117.9	95	95	-2 / 2	DPMP		RF
5 /120 2	Storm Water: Main, STA 29 + 00 on Shelter Creek Dr.	2	Below Grade	04/29/2025	P2	10.4	114.9	96	95	-2 / 2	DPMP		RF
95 /120 3	Water: Hydrant 19 and Valve, STA 28 +15 on Shelter Creek Dr.	4	Below Grade	04/29/2025	P2	10.6	113.8	95	95	-2 / 2	DPMP		RF
96 /120 4	Water: Valves, STA 33 + 68 on Shelter Creek Dr.	4	Below Grade	04/29/2025	P3	8.3	119.2	95	95	-2 / 2	DPMP		RF
97 /120 5	Water: Hydrant 19 and Valve, STA 28 +15 on Shelter Creek Dr.	2	Below Grade	04/29/2025	P2	10.8	113.8	95	95	-2 / 2	DPMP		RF
98 /120 6	Water: Valves, STA 30 + 68 on Shelter Creek Dr.	4	Below Grade	04/29/2025	P2	10.2	114.3	95	95	-2 / 2	DPMP		RF



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250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
99 /120 7	Water: Valves, STA 33 + 68 on Shelter Creek Dr.	2	Below Grade	04/29/2025	P3	8.7	119.3	95	95	-2 / 2	DPMP		RF
100 /120 8	Water: Valve, STA 35 + 41 on Shelter Creek Dr.	4	Below Grade	04/29/2025	P3	9.4	119.5	95	95	-2 / 2	DPMP		RF
101 /120 9	Water: Valves STA 30 + 68 on Shelter Creek Dr.	2	Below Grade	04/29/2025	P2	10.7	113.8	95	95	-2 / 2	DPMP		RF

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 - B	SC	8.2	124.7
P3	ASTM D1557 - B	SW	7.5	125.8
P2	ASTM D1557 - A	ML	10.1	120.1

05/07/2025

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
102 /121 0	Water: Valve, STA 74 + 40 on Sunrise Ridge Dr.	2	Below Grade	04/30/2025	P2	10.6	114.7	96	95	-2 / 2	DPMP		RF
103 /121 1	Water: Hydrant 20 and Valve, STA 32 + 23 on Shelter Creek Dr.	4	Below Grade	04/30/2025	P3	8.4	119.2	95	95	-2 / 2	DPMP		RF
104 /121 2	Water: Hydrant 20 and Valve, STA 32 + 23 on Shelter Creek Dr.	2	Below Grade	04/30/2025	P3	9.3	119.1	95	95	-2 / 2	DPMP		RF
105 /121 3	Water: Valve, STA 78 + 80 on Sunrise Ridge Dr.	4	Below Grade	04/30/2025	P2	9.9	113.8	95	95	-2 / 2	DPMP		RF
106 /121 4	Water: Valve, STA 78 + 80 on Sunrise Ridge Dr.	2	Below Grade	04/30/2025	P2	9.4	114.7	96	95	-2 / 2	DPMP		RF
107 /121 5	Water: Hydrant 12 and Valve, STA 75 + 88 on Sunrise Ridge Dr.	4	Below Grade	04/30/2025	P2	11.2	114.3	95	95	-2 / 2	DPMP		RF
108 /121 6	Water: Hydrant 12 and Valve, STA 75 + 88 on Sunrise Ridge Dr.	2	Below Grade	04/30/2025	P2	11.5	115.4	96	95	-2 / 2	DPMP		RF
109 /121 7	Water: Valves, STA 69 + 60 on Sunrise Ridge Dr.	4	Below Grade	04/30/2025	P2	9.7	114.3	95	95	-2 / 2	DPMP		RF
110 /121 8	Water: Hydrant 11 and Valve, STA 71 + 70 on Sunrise Ridge Dr.	4	Below Grade	04/30/2025	P2	10.3	113.8	95	95	-2 / 2	DPMP		RF
111 /121 9	Water: Main, STA 77 + 50 on Sunrise Ridge Dr.	4	Below Grade	04/30/2025	P2	9.3	113.9	95	95	-2 / 2	DPMP		RF
112 /122 0	Water: Main, Lowering for Storm Water, STA 79 + 00 on Sunrise Ridge Dr.	6	Below Grade	04/30/2025	P3	8.8	120.4	96	95	-2 / 2	DPMP		RF
113 /122 1	Water: Hydrant 11 and Valve, STA 71 + 70 on Sunrise Ridge Dr.	2	Below Grade	04/30/2025	P2	10.0	114.9	96	95	-2 / 2	DPMP		RF
114 /122 2	Water: Valves, STA 69 + 60 on Sunrise Ridge Dr.	2	Below Grade	04/30/2025	P2	10.3	114.6	95	95	-2 / 2	DPMP		RF



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Rolling Hills Ranch North F1
Peyton, 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
115 /122 3	Water: Valve, STA 11 + 65 on Cardenas Dr.	4	Below Grade	04/30/2025	P3	8.7	119.2	95	95	-2 / 2	DPMP		RF
116 /122 4	Water: Valve, STA 67 + 80 on Sunrise Ridge Dr.	4	Below Grade	04/30/2025	P2	10.4	114.1	95	95	-2 / 2	DPMP		RF
110 /122 5 5	Sanitary Sewer: Manhole 3, STA 15 + 40 for the utility easement.	14	Below Grade	04/30/2025	P4	10.1	121.9	98	95	-2 / 2	DPMP		RF
110 /122 6 6	Sanitary Sewer: Service, Lot 26 on Horn Hill Dr.	14	Below Grade	04/30/2025	P4	9.9	122.1	98	95	-2 / 2	DPMP		RF
110 /122 7 7	Sanitary Sewer: Service, Lot 27 on Horn Hill Dr.	12	Below Grade	04/30/2025	P4	9.3	122.4	98	95	-2 / 2	DPMP		RF
110 /122 8 8	Sanitary Sewer: Service, Lot 22 on Galeros Dr.	4	Below Grade	04/30/2025	P4	9.8	118.1	95	95	-2 / 2	DPMP		RF
110 /122 9 9	Sanitary Sewer: Service, Lot 105 on Galeros Dr.	4	Below Grade	04/30/2025	P4	10.2	118.3	95	95	-2 / 2	DPMP		RF
111 /123 0 0	Sanitary Sewer: Service, Lot 21 on Galeros Dr.	4	Below Grade	04/30/2025	P4	10.1	119.1	96	95	-2 / 2	DPMP		RF
111 /123 1 1	Sanitary Sewer: Service, Lot 106 on Galeros Dr.	4	Below Grade	04/30/2025	P4	9.0	117.9	95	95	-2 / 2	DPMP		RF
111 /123 2 2	Sanitary Sewer: Main, STA 29 + 00 on Galeros Dr.	4	Below Grade	04/30/2025	P4	9.7	119.6	96	95	-2 / 2	DPMP		RF
111 /123 3 3	Sanitary Sewer: Service, Lot 20 on Galeros Dr.	4	Below Grade	04/30/2025	P4	10.1	117.8	95	95	-2 / 2	DPMP		RF
111 /123 4 4	Sanitary Sewer: Service, Lot 107 on Galeros Dr.	4	Below Grade	04/30/2025	P4	10.2	118.7	95	95	-2 / 2	DPMP		RF
111 /123 5 5	Sanitary Sewer: Service, Lot 19 on Galeros Dr.	6	Below Grade	04/30/2025	P4	9.8	118.6	95	95	-2 / 2	DPMP		RF
111 /123 6 6	Sanitary Sewer: Main, STA 30 + 50 on Galeros Dr.	6	Below Grade	04/30/2025	P4	9.3	118.3	95	95	-2 / 2	DPMP		RF



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

Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
111 /123 7 7	Sanitary Sewer: Service, Lot 108 on Galeros Dr.	6	Below Grade	04/30/2025	P4	10.3	119.3	96	95	-2 / 2	DPMP		RF
111 /123 8 8	Sanitary Sewer: Service, Lot 109 on Galeros Dr.	8	Below Grade	04/30/2025	P4	9.9	118.7	95	95	-2 / 2	DPMP		RF
111 /123 9 9	Sanitary Sewer: Service, Lot 18 on Galeros Dr.	8	Below Grade	04/30/2025	P4	10.2	118.9	95	95	-2 / 2	DPMP		RF
1 /124 0	Overlot: STA 63 + 00 on Sunrise Ridge Dr.	5	Below Grade	04/30/2025	P4	10.2	118.1	95	95	-2 / 2	DPMP		RF
117 /124 1	Water: Valves, STA 10 + 10 on House Rock Dr.	4	Below Grade	04/30/2025	P3	8.1	119.1	95	95	-2 / 2	DPMP		RF
118 /124 2	Water: Valves, STA 10 + 10 on House Rock Dr.	2	Below Grade	04/30/2025	P3	9.0	119.7	95	95	-2 / 2	DPMP		RF
119 /124 3	Water: Hydrant 13 and Valve, STA 10 + 42 on House Rock Dr.	4	Below Grade	04/30/2025	P2	10.6	115.6	96	95	-2 / 2	DPMP		RF
2 /124 4	Overlot: STA 67 + 00 on Sunrise Ridge Dr.	5	Below Grade	04/30/2025	P3	8.8	119.2	95	95	-2 / 2	DPMP		RF
120 /124 5	Water: Hydrant 13 and Valve, STA 10 + 42 on House Rock Dr.	2	Below Grade	04/30/2025	P2	10.9	114.1	95	95	-2 / 2	DPMP		RF
112 /124 0 6	Sanitary Sewer: Service, Lot 25 on Galeros Dr.	4	Below Grade	04/30/2025	P4	9.8	118.8	95	95	-2 / 2	DPMP		RF
112 /124 1 7	Sanitary Sewer: Service, Lot 28 on Horn Hill Dr.	10	Below Grade	04/30/2025	P4	9.9	121.8	98	95	-2 / 2	DPMP		RF
112 /124 2 8	Sanitary Sewer: Service, Lot 27 on Horn Hill Dr.	10	Below Grade	04/30/2025	P4	9.7	122.4	98	95	-2 / 2	DPMP		RF
112 /124 3 9	Sanitary Sewer: Service, Lot 26 on Horn Hill Dr.	12	Below Grade	04/30/2025	P4	10.1	122.3	98	95	-2 / 2	DPMP		RF
112 /125 4 0	Sanitary Sewer: Manhole 3, STA 15 + 40 for the utility easement.	12	Below Grade	04/30/2025	P4	9.3	122.5	98	95	-2 / 2	DPMP		RF



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Soil Density Report

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
112 /125 5 1	Sanitary Sewer: Main, STA 30 + 50 on Galeros Dr.	4	Below Grade	04/30/2025	P4	10.2	118.4	95	95	-2 / 2	DPMP		RF
112 /125 6 2	Sanitary Sewer: Service, Lot 108 on Galeros Dr.	4	Below Grade	04/30/2025	P4	9.6	118.6	95	95	-2 / 2	DPMP		RF
112 /125 7 3	Sanitary Sewer: Service, Lot 19 on Galeros Dr.	4	Below Grade	04/30/2025	P4	9.5	118.1	95	95	-2 / 2	DPMP		RF
3 /125 4	Overlot: STA 62 + 75 on Sunrise Ridge Dr.	4	Below Grade	04/30/2025	P4	9.9	118.7	95	95	-2 / 2	DPMP		RF
4 /125 5	Overlot: STA 63 + 25 on Sunrise Ridge Dr.	4	Below Grade	04/30/2025	P4	9.7	119.2	96	95	-2 / 2	DPMP		RF
121 /125 6	Water: Main, Lowering for Storm Water, STA 79 + 00 on Sunrise Ridge Dr.	4	Below Grade	04/30/2025	P3	9.2	119.6	95	95	-2 / 2	DPMP		RF
122 /125 7	Water: Main, STA 77 + 50 on Sunrise Ridge Dr.	2	Below Grade	04/30/2025	P2	10.1	114.6	95	95	-2 / 2	DPMP		RF
112 /125 8 8	Sanitary Sewer: Service, Lot 25 on Galeros Dr.	2	Below Grade	04/30/2025	P4	8.9	118.1	95	95	-2 / 2	DPMP		RF
112 /125 9 9	Sanitary Sewer: Service, Lot 28 on Horn Hill Dr.	8	Below Grade	04/30/2025	P4	10.0	117.8	95	95	-2 / 2	DPMP		RF
113 /126 0 0	Sanitary Sewer: Service, Lot 27 on Horn Hill Dr.	8	Below Grade	04/30/2025	P4	9.4	117.9	95	95	-2 / 2	DPMP		RF
113 /126 1 1	Sanitary Sewer: Service, Lot 26 on Horn Hill Dr.	10	Below Grade	04/30/2025	P4	9.5	118.9	95	95	-2 / 2	DPMP		RF
113 /126 2 2	Sanitary Sewer: Manhole 3, STA 15 + 40 for the utility easement.	10	Below Grade	04/30/2025	P4	9.4	121.9	98	95	-2 / 2	DPMP		RF
5 /126 3	Overlot: STA 66 + 75 on Sunrise Ridge Dr.	4	Below Grade	04/30/2025	P3	8.8	119.2	95	95	-2 / 2	DPMP		RF
123 /126 4	Water: Valve, STA 14 + 60 on Crystal Falls Dr.	-	At Grade	04/30/2025	P3	8.6	119.4	95	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
124 /126 5	Water: Hydrant 19 and Valve, STA 28 + 15 on Shelter Creek Dr.	-	At Grade	04/30/2025	P2	10.1	114.7	96	95	-2 / 2	DPMP		RF
113 /126 3 6	Sanitary Sewer: Manhole 3, STA 15 + 40 for the utility easement.	8	Below Grade	04/30/2025	P4	8.9	118.7	95	95	-2 / 2	DPMP		RF
6 /126 7	Overlot: STA 62 + 75 on Sunrise Ridge Dr.	4	Below Grade	05/01/2025	P3	8.7	119.4	95	95	-2 / 2	DPMP		RF
7 /126 8	Overlot: STA 64 + 25 on Sunrise Ridge Dr.	4	Below Grade	05/01/2025	P3	9.1	119.9	95	95	-2 / 2	DPMP		RF
113 /126 4 9	Sanitary Sewer: Service, Lot 30 on Horn Hill Dr.	10	Below Grade	05/01/2025	P4	10.1	122.1	98	95	-2 / 2	DPMP		RF
113 /127 5 0	Sanitary Sewer: Service, Lot 29 on Horn Hill Dr.	10	Below Grade	05/01/2025	P4	10.2	121.9	98	95	-2 / 2	DPMP		RF
113 /127 6 1	Sanitary Sewer: Main, STA 25 + 50 on Horn Hill Dr.	10	Below Grade	05/01/2025	P4	9.8	122.2	98	95	-2 / 2	DPMP		RF
113 /127 7 2	Sanitary Sewer: Service, Lot 28 on Horn Hill Dr.	6	Below Grade	05/01/2025	P4	9.9	121.9	98	95	-2 / 2	DPMP		RF
113 /127 8 3	Sanitary Sewer: Service, Lot 27 on Horn Hill Dr.	6	Below Grade	05/01/2025	P4	9.3	118.3	95	95	-2 / 2	DPMP		RF
113 /127 9 4	Sanitary Sewer: Service, Lot 26 on Horn Hill Dr.	8	Below Grade	05/01/2025	P4	9.9	118.1	95	95	-2 / 2	DPMP		RF
114 /127 0 5	Sanitary Sewer: Manhole 3, STA 15 + 40 for the utility easement.	6	Below Grade	05/01/2025	P4	10.2	118.7	95	95	-2 / 2	DPMP		RF
114 /127 1 6	Sanitary Sewer: Main, STA 27 + 50 on Galeros Dr.	2	Below Grade	05/01/2025	P4	9.4	119.2	96	95	-2 / 2	DPMP		RF
114 /127 2 7	Sanitary Sewer: Service, Lot 103 on Galeros Dr.	2	Below Grade	05/01/2025	P4	9.1	119.8	96	95	-2 / 2	DPMP		RF
114 /127 3 8	Sanitary Sewer: Service, Lot 24 on Galeros Dr.	2	Below Grade	05/01/2025	P4	9.3	118.9	95	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
114 /127 4 9	Sanitary Sewer: Service, Lot 104 on Galeros Dr.	2	Below Grade	05/01/2025	P4	10.2	118.1	95	95	-2 / 2	DPMP		RF
114 /128 5 0	Sanitary Sewer: Service, Lot 23 on Galeros Dr.	2	Below Grade	05/01/2025	P4	9.8	117.9	95	95	-2 / 2	DPMP		RF
114 /128 6 1	Sanitary Sewer: Service, Lot 105 on Galeros Dr.	2	Below Grade	05/01/2025	P4	9.8	118.2	95	95	-2 / 2	DPMP		RF
114 /128 7 2	Sanitary Sewer: Service, Lot 22 on Galeros Dr.	2	Below Grade	05/01/2025	P4	9.3	117.9	95	95	-2 / 2	DPMP		RF
114 /128 8 3	Sanitary Sewer: Main, STA 29 + 00 on Galeros Dr.	2	Below Grade	05/01/2025	P4	9.6	119.4	96	95	-2 / 2	DPMP		RF
114 /128 9 4	Sanitary Sewer: Service, Lot 106 on Galeros Dr.	2	Below Grade	05/01/2025	P4	10.2	117.8	95	95	-2 / 2	DPMP		RF
115 /128 0 5	Sanitary Sewer: Service, Lot 21 on Galeros Dr.	2	Below Grade	05/01/2025	P4	10.1	118.1	95	95	-2 / 2	DPMP		RF
115 /128 1 6	Sanitary Sewer: Service, Lot 20 on Galeros Dr.	2	Below Grade	05/01/2025	P4	9.9	118.2	95	95	-2 / 2	DPMP		RF
115 /128 2 7	Sanitary Sewer: Service, Lot 107 on Galeros Dr.	2	Below Grade	05/01/2025	P4	10.2	118.1	95	95	-2 / 2	DPMP		RF
115 /128 3 8	Sanitary Sewer: Service, Lot 108 on Galeros Dr.	2	Below Grade	05/01/2025	P4	9.7	119.4	96	95	-2 / 2	DPMP		RF
115 /128 4 9	Sanitary Sewer: Service, Lot 19 on Galeros Dr.	2	Below Grade	05/01/2025	P4	10.1	118.7	95	95	-2 / 2	DPMP		RF
115 /129 5 0	Sanitary Sewer: Main, STA 30 + 50 on Galeros Dr.	2	Below Grade	05/01/2025	P4	10.1	118.7	95	95	-2 / 2	DPMP		RF
115 /129 6 1	Sanitary Sewer: Service, Lot 109 on Galeros Dr.	6	Below Grade	05/01/2025	P4	10.2	118.0	95	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
115 /129 7 2	Sanitary Sewer: Service, Lot 18 on Galeros Dr.	6	Below Grade	05/01/2025	P4	9.8	118.3	95	95	-2 / 2	DPMP		RF
8 /129 3	Overlot: STA 67 + 25 on Sunrise Ridge Dr.	2	Below Grade	05/01/2025	P3	9.4	119.2	95	95	-2 / 2	DPMP		RF
6 /129 4	Storm Water: Main, STA 30 + 50 on Shelter Creek Dr.	2	Below Grade	05/01/2025	P2	9.7	115.1	96	95	-2 / 2	DPMP		RF
115 /129 8 5	Sanitary Sewer: Service, Lot 30 on Horn Hill Dr.	8	Below Grade	05/01/2025	P4	10.1	120.5	97	95	-2 / 2	DPMP		RF
115 /129 9 6	Sanitary Sewer: Service, Lot 29 on Horn Hill Dr.	8	Below Grade	05/01/2025	P4	10.1	119.3	96	95	-2 / 2	DPMP		RF
116 /129 0 7	Sanitary Sewer: Main, STA 25 + 50 on Horn Hill Dr.	8	Below Grade	05/01/2025	P4	10.2	118.6	95	95	-2 / 2	DPMP		RF
116 /129 1 8	Sanitary Sewer: Service, Lot 28 on Horn Hill Dr.	4	Below Grade	05/01/2025	P4	10.0	118.3	95	95	-2 / 2	DPMP		RF
116 /129 2 9	Sanitary Sewer: Service, Lot 27 on Horn Hill Dr.	4	Below Grade	05/01/2025	P4	9.8	118.7	95	95	-2 / 2	DPMP		RF
116 /130 3 0	Sanitary Sewer: Service, Lot 26 on Horn Hill Dr.	6	Below Grade	05/01/2025	P4	10.1	118.4	95	95	-2 / 2	DPMP		RF
116 /130 4 1	Sanitary Sewer: Manhole 3, STA 15 + 40 for the utility easement.	4	Below Grade	05/01/2025	P4	9.9	118.4	95	95	-2 / 2	DPMP		RF

Remarks

DP/MP : 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)
P2	ASTM D1557 - A	ML	10.1	120.1
P3	ASTM D1557 - B	SW	7.5	125.8
P4	ASTM D1557 - B	SC	8.2	124.7

05/08/2025

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
10 /134 3	Storm Water: Main, STA 35 + 00 on Shelter Creek Dr.	2	Below Grade	05/07/2025	P3	9.3	119.5	95	95	-2 / 2	DPMP		RF
144 /134 4	Water: Hydrant 18 and Valve, STA 17 + 75 on Crystal Falls Dr.	-	At Grade	05/08/2025	P2	11.7	115.6	96	95	-2 / 2	DPMP		RF
118 /134 2 5	Sanitary Sewer: Service, Lot 65 (RHN/F2) on Galeros Dr.	12	Below Grade	05/08/2025	P6	10.1	124.6	98	95	-2 / 2	DPMP		RF
11 /134 6	Storm Water: Main, STA 29 + 00 on Shelter Creek Dr.	-	At Grade	05/08/2025	P2	11.7	115.3	96	95	-2 / 2	DPMP		RF
118 /134 3 7	Sanitary Sewer: Main, STA 25 + 50 on Horn Hill Dr.	2	Below Grade	05/08/2025	P4	10.2	118.4	95	95	-2 / 2	DPMP		RF
118 /134 4 8	Sanitary Sewer: Service, Lot 29 on Horn Hill Dr.	2	Below Grade	05/08/2025	P4	9.8	119.9	96	95	-2 / 2	DPMP		RF
118 /134 5 9	Sanitary Sewer: Service, Lot 30 on Horn Hill Dr.	2	Below Grade	05/08/2025	P4	10.1	119.5	96	95	-2 / 2	DPMP		RF
118 /135 6 0	Sanitary Sewer: Main, STA 34 + 00 on Galeros Dr.	12	Below Grade	05/08/2025	P6	10.0	123.6	98	95	-2 / 2	DPMP		RF
118 /135 7 1	Sanitary Sewer: Service, Lot 63 (RHN/F2) on Galeros Dr.	12	Below Grade	05/08/2025	P6	10.2	124.2	98	95	-2 / 2	DPMP		RF
118 /135 8 2	Sanitary Sewer: Service, Lot 65 (RHN/F2) on Galeros Dr.	10	Below Grade	05/08/2025	P6	9.9	124.7	98	95	-2 / 2	DPMP		RF
118 /135 9 3	Sanitary Sewer: Service, Lot 89 on Tapeats Dr.	10	Below Grade	05/08/2025	P5	11.9	117.7	98	95	-2 / 2	DPMP		RF
119 /135 0 4	Sanitary Sewer: Service, Lot 102 on Tapeats Dr.	10	Below Grade	05/08/2025	P5	12.1	118.1	98	95	-2 / 2	DPMP		RF
119 /135 1 5	Sanitary Sewer: Service, Lot 109 on Galeros Dr.	2	Below Grade	05/08/2025	P4	10.0	119.8	96	95	-2 / 2	DPMP		RF



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119 /135 2 6	Sanitary Sewer: Service, Lot 18 on Galeros Dr.	2	Below Grade	05/08/2025	P4	9.8	118.3	95	95	-2 / 2	DPMP		RF
119 /135 3 7	Sanitary Sewer: Service, Lot 63 (RHN/F2) on Galeros Dr.	10	Below Grade	05/08/2025	P6	10.1	124.4	98	95	-2 / 2	DPMP		RF
119 /135 4 8	Sanitary Sewer: Service, Lot 64 (RHN/F2) on Galeros Dr.	12	Below Grade	05/08/2025	P6	10.2	123.6	98	95	-2 / 2	DPMP		RF
119 /135 5 9	Sanitary Sewer: Main, STA 33 + 00 on Galeros Dr.	12	Below Grade	05/08/2025	P6	9.7	124.2	98	95	-2 / 2	DPMP		RF
119 /136 6 0	Sanitary Sewer: Main, STA 34 + 00 on Galeros Dr.	10	Below Grade	05/08/2025	P6	10.1	123.9	98	95	-2 / 2	DPMP		RF
119 /136 7 1	Sanitary Sewer: Service, Lot 102 on Tapeats Dr.	8	Below Grade	05/08/2025	P5	12.1	115.8	96	95	-2 / 2	DPMP		RF
119 /136 8 2	Sanitary Sewer: Service, Lot 89 on Tapeats Dr.	8	Below Grade	05/08/2025	P5	11.6	114.0	95	95	-2 / 2	DPMP		RF
119 /136 9 3	Sanitary Sewer: Service, Lot 90 on Tapeats Dr.	10	Below Grade	05/08/2025	P5	12.1	118.5	98	95	-2 / 2	DPMP		RF
120 /136 0 4	Sanitary Sewer: Service, Lot 101 on Tapeats Dr.	10	Below Grade	05/08/2025	P5	11.5	118.1	98	95	-2 / 2	DPMP		RF
120 /136 1 5	Sanitary Sewer: Service, Lot 99 on Tapeats Dr.	10	Below Grade	05/08/2025	P5	11.6	118.5	98	95	-2 / 2	DPMP		RF
120 /136 2 6	Sanitary Sewer: Service, Lot 91 on Tapeats Dr.	10	Below Grade	05/08/2025	P5	11.9	118.1	98	95	-2 / 2	DPMP		RF
120 /136 3 7	Sanitary Sewer: Service, Lot 100 on Tapeats Dr.	10	Below Grade	05/08/2025	P5	11.6	117.9	98	95	-2 / 2	DPMP		RF
120 /136 4 8	Sanitary Sewer: Main, STA 11+ 50 on Tapeats Dr.	10	Below Grade	05/08/2025	P5	11.5	118.4	98	95	-2 / 2	DPMP		RF



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Rolling Hills Ranch North F1
Peyton, 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
120 /136 5 9	Sanitary Sewer: Service , Lot 101 on Tapeats Dr.	8	Below Grade	05/08/2025	P5	11.6	114.7	95	95	-2 / 2	DPMP		RF
120 /137 6 0	Sanitary Sewer: Service , Lot 90 on Tapeats Dr.	8	Below Grade	05/08/2025	P5	11.7	114.7	95	95	-2 / 2	DPMP		RF
120 /137 7 1	Sanitary Sewer: Service , Lot 89 on Tapeats Dr.	6	Below Grade	05/08/2025	P5	11.5	114.9	95	95	-2 / 2	DPMP		RF
120 /137 8 2	Sanitary Sewer: Service , Lot 102 on Tapeats Dr.	6	Below Grade	05/08/2025	P5	11.4	116.2	96	95	-2 / 2	DPMP		RF
120 /137 9 3	Sanitary Sewer: Service, Lot 65 (RHN/F2) on Galeros Dr.	8	Below Grade	05/09/2025	P6	10.1	120.3	95	95	-2 / 2	DPMP		RF
121 /137 0 4	Sanitary Sewer: Service, Lot 64 (RHN/F2) on Galeros Dr.	10	Below Grade	05/09/2025	P6	9.8	123.8	98	95	-2 / 2	DPMP		RF
121 /137 1 5	Sanitary Sewer: Main, STA 33 + 00 on Galeros Dr.	10	Below Grade	05/09/2025	P6	9.9	123.7	98	95	-2 / 2	DPMP		RF
121 /137 2 6	Sanitary Sewer: Service, Lot 63 (RHN/F2) on Galeros Dr.	8	Below Grade	05/09/2025	P6	10.1	121.3	96	95	-2 / 2	DPMP		RF
121 /137 3 7	Sanitary Sewer: Main, STA 34 + 00 on Galeros Dr.	8	Below Grade	05/09/2025	P6	9.9	120.2	95	95	-2 / 2	DPMP		RF
121 /137 4 8	Sanitary Sewer: Service, Lot 89 on Tapeats Dr.	4	Below Grade	05/09/2025	P5	10.9	116.2	96	95	-2 / 2	DPMP		RF
121 /137 5 9	Sanitary Sewer: Service, Lot 102 on Tapeats Dr.	4	Below Grade	05/09/2025	P5	11.7	114.4	95	95	-2 / 2	DPMP		RF
121 /138 6 0	Sanitary Sewer: Service, Lot 101 on Tapeats Dr.	6	Below Grade	05/09/2025	P5	12.2	115.4	96	95	-2 / 2	DPMP		RF
121 /138 7 1	Sanitary Sewer: Service, Lot 90 on Tapeats Dr.	6	Below Grade	05/09/2025	P5	12.1	114.6	95	95	-2 / 2	DPMP		RF



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

Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
121 /138 8 2	Sanitary Sewer: Main, STA 11 + 50 on Tapeats Dr.	8	Below Grade	05/09/2025	P5	11.8	115.2	96	95	-2 / 2	DPMP		RF
121 /138 9 3	Sanitary Sewer: Service, Lot 100 on Tapeats Dr.	8	Below Grade	05/09/2025	P5	11.7	114.6	95	95	-2 / 2	DPMP		RF
122 /138 0 4	Sanitary Sewer: Service, Lot 91 on Tapeats Dr.	8	Below Grade	05/09/2025	P5	11.4	115.4	96	95	-2 / 2	DPMP		RF
122 /138 1 5	Sanitary Sewer: Service, Lot 99 on Tapeats Dr.	8	Below Grade	05/09/2025	P5	11.7	114.1	95	95	-2 / 2	DPMP		RF
122 /138 2 6	Sanitary Sewer: Service, Lot 92 on Tapeats Dr.	10	Below Grade	05/09/2025	P5	11.2	118.6	98	95	-2 / 2	DPMP		RF
122 /138 3 7	Sanitary Sewer: Main, STA 13 + 00 on Tapeats Dr.	10	Below Grade	05/09/2025	P5	11.8	118.3	98	95	-2 / 2	DPMP		RF
122 /138 4 8	Sanitary Sewer: Service, Lot 93 on Tapeats Dr.	10	Below Grade	05/09/2025	P5	11.7	118.4	98	95	-2 / 2	DPMP		RF
122 /138 5 9	Sanitary Sewer: Service, Lot 98 on Tapeats Dr.	10	Below Grade	05/09/2025	P5	12.3	118.8	99	95	-2 / 2	DPMP		RF
122 /139 6 0	Sanitary Sewer: Service, Lot 63 (RHN/F2) on Galeros Dr.	6	Below Grade	05/09/2025	P6	9.1	120.1	95	95	-2 / 2	DPMP		RF
122 /139 7 1	Sanitary Sewer: Main, STA 34 + 00 on Galeros Dr.	6	Below Grade	05/09/2025	P6	9.1	120.5	95	95	-2 / 2	DPMP		RF
122 /139 8 2	Sanitary Sewer: Main, STA 33 + 00 on Galeros Dr.	8	Below Grade	05/09/2025	P6	9.7	120.0	95	95	-2 / 2	DPMP		RF
122 /139 9 3	Sanitary Sewer: Service, Lot 64 (RGN/F2) on Galeros Dr.	8	Below Grade	05/09/2025	P6	9.5	120.4	95	95	-2 / 2	DPMP		RF
123 /139 0 4	Sanitary Sewer: Service, Lot 65 (RGN/F2) on Galeros Dr.	6	Below Grade	05/09/2025	P6	9.1	120.9	95	95	-2 / 2	DPMP		RF

Remarks**Comments**



Entech Engineering
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Colorado Springs, CO 80907
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Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, CO

DP/MP : 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)
P3	ASTM D1557 - B	SW	7.5	125.8
P2	ASTM D1557 - A	ML	10.1	120.1
P6	ASTM D1557 - A	SM	8.2	126.8
P4	ASTM D1557 - B	SC	8.2	124.7
P5	ASTM D1557 - A	SM	11.3	120.5

05/14/2025

Reviewed by: Joey Goode, PE



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
12 /139 5	Storm Water: Main, STA 30 + 50 on Shelter Creek Dr.	-	At Grade	05/12/2025	P2	10.4	115.7	96	95	-2 / 2	DPMP		RF
13 /139 6	Storm Water: Main, STA 32 + 00 on Shelter Creek Dr.	-	At Grade	05/12/2025	P3	8.1	119.8	95	95	-2 / 2	DPMP		RF
14 /139 7	Storm Water: Main, STA 33 + 50 on Shelter Creek Dr.	-	At Grade	05/12/2025	P3	7.9	119.8	95	95	-2 / 2	DPMP		RF
15 /139 8	Storm Water: Main, STA 35 + 00 on Shelter Creek Dr.	-	At Grade	05/12/2025	P3	8.4	120.8	96	95	-2 / 2	DPMP		RF
16 /139 9	Storm Water: Valve, STA 10 + 60 on Cardenas Dr.	-	At Grade	05/12/2025	P3	7.7	119.3	95	95	-2 / 2	DPMP		RF
123 /140 1 0	Sanitary Sewer: Service, Lot 90 on Tapeats Dr.	4	Below Grade	05/12/2025	P5	10.9	117.4	97	95	-2 / 2	DPMP		RF
123 /140 2 1	Sanitary Sewer: Service, Lot 101 on Tapeats Dr.	4	Below Grade	05/12/2025	P5	11.1	115.5	96	95	-2 / 2	DPMP		RF
123 /140 3 2	Sanitary Sewer: Service, Lot 26 on Horn Hill Dr.	2	Below Grade	05/12/2025	P4	9.2	118.7	95	95	-2 / 2	DPMP		RF
123 /140 4 3	Sanitary Sewer: Service, Lot 103 on Galeros Dr.	-	At Grade	05/12/2025	P4	8.7	119.3	96	95	-2 / 2	DPMP		RF
123 /140 5 4	Sanitary Sewer: Service, Lot 104 on Galeros Dr.	-	At Grade	05/12/2025	P4	8.6	119.7	96	95	-2 / 2	DPMP		RF
123 /140 6 5	Sanitary Sewer: Service, Lot 105 on Galeros Dr.	-	At Grade	05/12/2025	P4	9.1	119.6	96	95	-2 / 2	DPMP		RF
123 /140 7 6	Sanitary Sewer: Service, Lot 106 on Galeros Dr.	-	At Grade	05/12/2025	P4	8.9	117.9	95	95	-2 / 2	DPMP		RF
123 /140 8 7	Sanitary Sewer: Service, Lot 24 on Galeros Dr.	-	At Grade	05/12/2025	P4	8.7	118.4	95	95	-2 / 2	DPMP		RF



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Soil Density Report

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San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
123 /140 9 8	Sanitary Sewer: Service, Lot 23 on Galeros Dr.	-	At Grade	05/12/2025	P4	8.3	119.1	96	95	-2 / 2	DPMP		RF
124 /140 0 9	Sanitary Sewer: Service, Lot 22 on Galeros Dr.	-	At Grade	05/12/2025	P4	8.9	119.8	96	95	-2 / 2	DPMP		RF
124 /141 1 0	Sanitary Sewer: Service, Lot 65 (RHN/F2) on Galeros Dr.	4	Below Grade	05/12/2025	P6	10.1	120.2	95	95	-2 / 2	DPMP		RF
124 /141 2 1	Sanitary Sewer: Service, Lot 64 (RHN/F2) on Galeros Dr.	6	Below Grade	05/12/2025	P6	9.3	121.1	96	95	-2 / 2	DPMP		RF
124 /141 3 2	Sanitary Sewer: Service, Lot 63 (RHN/F2) on Galeros Dr.	4	Below Grade	05/12/2025	P6	9.4	120.5	95	95	-2 / 2	DPMP		RF
124 /141 4 3	Sanitary Sewer: Main, STA 33 + 00 on Galeros Dr.	6	Below Grade	05/12/2025	P6	10.0	120.1	95	95	-2 / 2	DPMP		RF
124 /141 5 4	Sanitary Sewer: Main, STA 34 + 00 on Galeros Dr.	4	Below Grade	05/12/2025	P6	9.4	120.3	95	95	-2 / 2	DPMP		RF
124 /141 6 5	Sanitary Sewer: Service, Lot 92 on Tapeats Dr.	8	Below Grade	05/12/2025	P5	11.4	114.5	95	95	-2 / 2	DPMP		RF
124 /141 7 6	Sanitary Sewer: Service, Lot 99 on Tapeats Dr.	6	Below Grade	05/12/2025	P5	11.4	114.7	95	95	-2 / 2	DPMP		RF
124 /141 8 7	Sanitary Sewer: Service, Lot 91 on Tapeats Dr.	6	Below Grade	05/12/2025	P5	10.9	115.4	96	95	-2 / 2	DPMP		RF
124 /141 9 8	Sanitary Sewer: Service, Lot 100 on Tapeats Dr.	6	Below Grade	05/12/2025	P5	10.4	114.8	95	95	-2 / 2	DPMP		RF
125 /141 0 9	Sanitary Sewer: Main, STA 11 + 50 on Tapeats Dr.	6	Below Grade	05/12/2025	P5	11.2	116.6	97	95	-2 / 2	DPMP		RF
125 /142 1 0	Sanitary Sewer: Service, Lot 34 on Horn Hill Dr.	10	Below Grade	05/12/2025	P4	9.9	122.3	98	95	-2 / 2	DPMP		RF



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Soil Density Report

Client:

Tech Contractors
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San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
125 /142 2 1	Sanitary Sewer: Main, STA 22 + 50 on Horn Hill Dr.	10	Below Grade	05/12/2025	P4	9.7	122.3	98	95	-2 / 2	DPMP		RF
125 /142 3 2	Sanitary Sewer: Service, Lot 33 on Horn Hill Dr.	10	Below Grade	05/12/2025	P4	9.4	121.8	98	95	-2 / 2	DPMP		RF
125 /142 4 3	Sanitary Sewer: Service, Lot 32 on Horn Hill Dr.	8	Below Grade	05/12/2025	P4	9.6	117.9	95	95	-2 / 2	DPMP		RF
125 /142 5 4	Sanitary Sewer: Service, Lot 31 on Horn Hill Dr.	8	Below Grade	05/12/2025	P4	9.4	118.6	95	95	-2 / 2	DPMP		RF
125 /142 6 5	Sanitary Sewer: Manhole 4, STA 23 + 93 on Horn Hill Dr.	8	Below Grade	05/12/2025	P4	9.8	118.7	95	95	-2 / 2	DPMP		RF
146 /142 6	Water: Service, Lot 142 on House Rock Dr.	4	Below Grade	05/12/2025	P1	9.6	120.7	95	95	-2 / 2	DPMP		RF
147 /142 7	Water: Service, Lot 143 on House Rock Dr.	4	Below Grade	05/12/2025	P1	9.1	121.2	95	95	-2 / 2	DPMP		RF
148 /142 8	Water: Service, Lot 225 on House Rock Dr.	4	Below Grade	05/12/2025	P1	9.7	120.7	95	95	-2 / 2	DPMP		RF
149 /142 9	Water: Service, Lot 226 on House Rock Dr.	4	Below Grade	05/12/2025	P1	9.1	122.3	96	95	-2 / 2	DPMP		RF
150 /143 0	Water: Service, Lot 144 on House Rock Dr.	4	Below Grade	05/12/2025	P1	9.8	121.2	95	95	-2 / 2	DPMP		RF
151 /143 1	Water: Service, Lot 227 on House Rock Dr.	4	Below Grade	05/12/2025	P1	9.5	120.9	95	95	-2 / 2	DPMP		RF
152 /143 2	Water: Service, Lot 145 on House Rock Dr.	4	Below Grade	05/12/2025	P1	9.4	121.6	95	95	-2 / 2	DPMP		RF
153 /143 3	Water: Service, Lot 146 on House Rock Dr.	4	Below Grade	05/12/2025	P1	9.6	121.3	95	95	-2 / 2	DPMP		RF
154 /143 4	Water: Service, Lot 228 on House Rock Dr.	4	Below Grade	05/12/2025	P1	9.2	120.9	95	95	-2 / 2	DPMP		RF



Entech Engineering
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Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
155 /143 5	Water: Service, Lot 229 on House Rock Dr.	4	Below Grade	05/12/2025	P1	9.3	121.8	96	95	-2 / 2	DPMP		RF
156 /143 6	Water: Service, Lot 230 on House Rock Dr.	4	Below Grade	05/12/2025	P1	9.3	121.3	95	95	-2 / 2	DPMP		RF
157 /143 7	Water: Service, Lot 147 on House Rock Dr.	4	Below Grade	05/12/2025	P1	10.1	120.8	95	95	-2 / 2	DPMP		RF
158 /143 8	Water: Service, Lot 148 on House Rock Dr.	4	Below Grade	05/12/2025	P1	9.3	120.6	95	95	-2 / 2	DPMP		RF
159 /143 9	Water: Service, Lot 149 on House Rock Dr.	4	Below Grade	05/12/2025	P1	9.1	120.7	95	95	-2 / 2	DPMP		RF
160 /144 0	Water: Service, Lot 231 on House Rock Dr.	4	Below Grade	05/12/2025	P1	9.4	121.3	95	95	-2 / 2	DPMP		RF
161 /144 1	Water: Service, Lot 232 on House Rock Dr.	4	Below Grade	05/12/2025	P1	9.6	122.3	96	95	-2 / 2	DPMP		RF
162 /144 2	Water: Service, Lot 233 on House Rock Dr.	4	Below Grade	05/12/2025	P1	8.8	121.6	95	95	-2 / 2	DPMP		RF
163 /144 3	Water: Service, Lot 234 on House Rock Dr.	4	Below Grade	05/12/2025	P1	9.1	121.9	96	95	-2 / 2	DPMP		RF
164 /144 4	Water: Service, Lot 235 on House Rock Dr.	4	Below Grade	05/12/2025	P1	9.1	120.9	95	95	-2 / 2	DPMP		RF
165 /144 5	Water: Service, Lot 152 on House Rock Dr.	4	Below Grade	05/12/2025	P1	8.8	120.7	95	95	-2 / 2	DPMP		RF
166 /144 6	Water: Service, Lot 153 on House Rock Dr.	4	Below Grade	05/12/2025	P1	8.9	121.3	95	95	-2 / 2	DPMP		RF

Remarks

DP/MP : Density Pass / Moisture Pass

Comments

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



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Soil Density Report

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, CO

Proctor Data

Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)
P2	ASTM D1557 - A	ML	10.1	120.1
P3	ASTM D1557 - B	SW	7.5	125.8
P5	ASTM D1557 - A	SM	11.3	120.5
P4	ASTM D1557 - B	SC	8.2	124.7
P6	ASTM D1557 - A	SM	8.2	126.8
P1	ASTM D1557 - B	SC	8.5	127.5

05/20/2025

Reviewed by: Joey Goode, PE



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
167 /144 7	Water: Service, Lot 236 on House Rock Dr.	4	Below Grade	05/13/2025	P1	9.3	121.3	95	95	-2 / 2	DPMP		RF
168 /144 8	Water: Service, Lot 146 on House Rock Dr.	2	Below Grade	05/13/2025	P1	9.2	120.8	95	95	-2 / 2	DPMP		RF
169 /144 9	Water: Service, Lot 150 on House Rock Dr.	4	Below Grade	05/13/2025	P1	9.2	120.8	95	95	-2 / 2	DPMP		RF
170 /145 0	Water: Service, Lot 151 on House Rock Dr.	4	Below Grade	05/13/2025	P1	8.9	121.1	95	95	-2 / 2	DPMP		RF
171 /145 1	Water: Service, Lot 142 on House Rock Dr.	2	Below Grade	05/13/2025	P1	8.9	120.7	95	95	-2 / 2	DPMP		RF
172 /145 2	Water: Service, Lot 143 on House Rock Dr.	2	Below Grade	05/13/2025	P1	8.6	122.1	96	95	-2 / 2	DPMP		RF
173 /145 3	Water: Service, Lot 225 on House Rock Dr.	2	Below Grade	05/13/2025	P1	8.8	122.3	96	95	-2 / 2	DPMP		RF
174 /145 4	Water: Main, STA 23 + 00 on House Rock Dr.	2	Below Grade	05/13/2025	P1	9.0	121.9	96	95	-2 / 2	DPMP		RF
175 /145 5	Water: Service, Lot 226 on House Rock Dr.	2	Below Grade	05/13/2025	P1	8.7	120.6	95	95	-2 / 2	DPMP		RF
176 /145 6	Water: Service, Lot 144 on House Rock Dr.	2	Below Grade	05/13/2025	P1	8.8	122.4	96	95	-2 / 2	DPMP		RF
177 /145 7	Water: Service, Lot 227 on House Rock Dr.	2	Below Grade	05/13/2025	P1	8.4	121.9	96	95	-2 / 2	DPMP		RF
178 /145 8	Water: Service, Lot 228 on House Rock Dr.	2	Below Grade	05/13/2025	P1	9.2	120.6	95	95	-2 / 2	DPMP		RF
179 /145 9	Water: Service, Lot 145 on House Rock Dr.	2	Below Grade	05/13/2025	P1	9.1	122.1	96	95	-2 / 2	DPMP		RF



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250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
180 /146 0	Water: Service, Lot 229 on House Rock Dr.	2	Below Grade	05/13/2025	P1	8.7	120.8	95	95	-2 / 2	DPMP		RF
181 /146 1	Water: Service, Lot 230 on House Rock Dr.	2	Below Grade	05/13/2025	P1	9.1	122.9	96	95	-2 / 2	DPMP		RF
182 /146 2	Water: Service, Lot 231 on House Rock Dr.	2	Below Grade	05/13/2025	P1	9.2	120.6	95	95	-2 / 2	DPMP		RF
183 /146 3	Water: Service, Lot 223 on Crystal Falls Dr.	4	Below Grade	05/13/2025	P3	8.2	118.9	95	95	-2 / 2	DPMP		RF
184 /146 4	Water: Service, Lot 190 on Crystal Falls Dr.	4	Below Grade	05/13/2025	P3	8.3	120.1	96	95	-2 / 2	DPMP		RF
185 /146 5	Water: Service, Lot 222 on Crystal Falls Dr.	4	Below Grade	05/13/2025	P2	9.9	114.5	95	95	-2 / 2	DPMP		RF
186 /146 6	Water: Service, Lot 221 on Crystal Falls Dr.	4	Below Grade	05/13/2025	P2	10.4	113.8	95	95	-2 / 2	DPMP		RF
187 /146 7	Water: Service, Lot 192 on Crystal Falls Dr.	4	Below Grade	05/13/2025	P2	10.8	113.7	95	95	-2 / 2	DPMP		RF
125 /146 7 8	Sanitary Sewer: Service, Lot 98 on Tapeats Dr.	8	Below Grade	05/13/2025	P5	9.7	117.0	97	95	-2 / 2	DPMP		CF
188 /146 9	Water: Service, Lot 191 on Crystal Falls Dr.	4	Below Grade	05/13/2025	P2	9.9	114.3	95	95	-2 / 2	DPMP		RF
125 /147 8 0	Sanitary Sewer: Service, Lot 93 on Tapeats Dr.	8	Below Grade	05/13/2025	P5	9.9	118.6	98	95	-2 / 2	DPMP		CF
125 /147 9 1	Sanitary Sewer: Main, STA 13 + 00 on Tapeats Dr.	8	Below Grade	05/13/2025	P5	9.4	119.2	99	95	-2 / 2	DPMP		CF
189 /147 2	Water: Service, Lot 147 on House Rock Dr.	2	Below Grade	05/13/2025	P1	8.9	121.3	95	95	-2 / 2	DPMP		RF
126 /147 0 3	Sanitary Sewer: Service, Lot 92 on Tapeats Dr.	6	Below Grade	05/13/2025	P5	9.8	114.8	95	95	-2 / 2	DPMP		CF



Entech Engineering
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Phone: 719-531-5599

Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
190 /147 4	Water: Service, Lot 148 on House Rock Dr.	2	Below Grade	05/13/2025	P1	8.7	121.8	96	95	-2 / 2	DPMP		RF
126 /147 1 5	Sanitary Sewer: Service, Lot 91 on Tapeats Dr.	4	Below Grade	05/13/2025	P5	9.4	114.2	95	95	-2 / 2	DPMP		CF
191 /147 6	Water: Service, Lot 149 on House Rock Dr.	2	Below Grade	05/13/2025	P1	9.7	120.7	95	95	-2 / 2	DPMP		RF
192 /147 7	Water: Service, Lot 150 on House Rock Dr.	2	Below Grade	05/13/2025	P1	9.2	121.1	95	95	-2 / 2	DPMP		RF
193 /147 8	Water: Service, Lot 151 on House Rock Dr.	2	Below Grade	05/13/2025	P1	9.4	120.5	95	95	-2 / 2	DPMP		RF
126 /147 2 9	Sanitary Sewer: Service, Lot 100 on Tapeats Dr.	4	Below Grade	05/13/2025	P5	9.5	115.1	96	95	-2 / 2	DPMP		CF
194 /148 0	Water: Service, Lot 235 on House Rock Dr.	2	Below Grade	05/13/2025	P1	9.1	120.7	95	95	-2 / 2	DPMP		RF
126 /148 3 1	Sanitary Sewer: Service, lot 100 on Tapeats Dr.	4	Below Grade	05/13/2025	P5	9.7	118.5	98	95	-2 / 2	DPMP		CF
195 /148 2	Water: Service, Lot 152 on House Rock Dr.	2	Below Grade	05/13/2025	P1	8.9	121.7	96	95	-2 / 2	DPMP		RF
126 /148 4 3	Sanitary Sewer: Service, Lot 90 on Tapeats Dr.	2	Below Grade	05/13/2025	P5	9.4	114.4	95	95	-2 / 2	DPMP		CF
196 /148 4	Water: Service, Lot 153 on House Rock Dr.	2	Below Grade	05/13/2025	P1	8.7	122.0	96	95	-2 / 2	DPMP		RF
126 /148 5 5	Sanitary Sewer: Service, Lot 101 on Tapeats Dr.	2	Below Grade	05/13/2025	P5	9.6	119.0	99	95	-2 / 2	DPMP		CF
197 /148 6	Water: Service, Lot 236 on House Rock Dr.	2	Below Grade	05/13/2025	P1	9.3	121.1	95	95	-2 / 2	DPMP		RF
126 /148 6 7	Sanitary Sewer: Service, Lot 102 on Tapeats Dr.	2	Below Grade	05/13/2025	P5	9.3	115.6	96	95	-2 / 2	DPMP		CF



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Soil Density Report

Client:

Tech Contractors
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San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
198 /148 8	Water: Service, Lot 234 on House Rock Dr.	2	Below Grade	05/13/2025	P1	8.8	121.4	95	95	-2 / 2	DPMP		RF
199 /148 9	Water: Service, Lot 233 on House Rock Dr.	2	Below Grade	05/13/2025	P1	8.9	122.3	96	95	-2 / 2	DPMP		RF
126 /149 7 0	Sanitary Sewer: Service, Lot 89 on Tapeats Dr.	2	Below Grade	05/13/2025	P5	9.6	116.8	97	95	-2 / 2	DPMP		CF
126 /149 8 1	Sanitary Sewer: Service, Lot 34 on Horn Hill Dr.	8	Below Grade	05/13/2025	P4	7.5	118.1	95	95	-2 / 2	DPMP		CF
200 /149 2	Water: Service, Lot 232 on House Rock Dr.	2	Below Grade	05/13/2025	P1	8.9	121.8	96	95	-2 / 2	DPMP		RF
126 /149 9 3	Sanitary Sewer: Main, STA 22 + 50 on Horn Hill Dr.	8	Below Grade	05/13/2025	P4	7.4	118.0	95	95	-2 / 2	DPMP		CF
201 /149 4	Water: Main, STA 19 + 50 on House Rock Dr.	2	Below Grade	05/13/2025	P1	8.7	120.5	95	95	-2 / 2	DPMP		RF
127 /149 0 5	Sanitary Sewer: Service, Lot 33 on Horn Hill Dr.	8	Below Grade	05/13/2025	P4	7.8	118.2	95	95	-2 / 2	DPMP		CF
127 /149 1 6	Sanitary Sewer: Service, Lot 32 on Horn Hill Dr.	6	Below Grade	05/13/2025	P4	6.9	124.1	100	95	-2 / 2	DPMP		CF
127 /149 2 7	Sanitary Sewer: Service, Lot 31 on Horn Hill Dr.	6	Below Grade	05/13/2025	P4	6.8	120.3	97	95	-2 / 2	DPMP		CF
127 /149 3 8	Sanitary Sewer: Service, lot 31 on Horn Hill Dr.	6	Below Grade	05/13/2025	P4	8.0	122.0	98	95	-2 / 2	DPMP		CF
202 /149 9	Water: Service, Lot 194 on Crystal Falls Dr.	4	Below Grade	05/13/2025	P2	10.8	114.5	95	95	-2 / 2	DPMP		RF
203 /150 0	Water: Service, Lot 193 on Crystal Falls Dr.	4	Below Grade	05/13/2025	P2	10.9	115.1	96	95	-2 / 2	DPMP		RF
204 /150 1	Water: Service, Lot 220 on Crystal Falls Dr.	4	Below Grade	05/13/2025	P2	11.2	114.3	95	95	-2 / 2	DPMP		RF



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Soil Density Report

Client:

Tech Contractors
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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
205 /150 2	Water: Service, Lot 239 on House Rock Dr.	4	Below Grade	05/13/2025	P1	8.7	120.6	95	95	-2 / 2	DPMP		RF
206 /150 3	Water: Service, Lot 238 on House Rock Dr.	4	Below Grade	05/13/2025	P1	9.3	122.5	96	95	-2 / 2	DPMP		RF
207 /150 4	Water: Service, Lot 155 on House Rock Dr.	4	Below Grade	05/13/2025	P1	9.1	122.3	96	95	-2 / 2	DPMP		RF
208 /150 5	Water: Service, Lot 154 on House Rock Dr.	4	Below Grade	05/13/2025	P1	8.7	120.7	95	95	-2 / 2	DPMP		RF
209 /150 6	Water: Service, Lot 237 on House Rock Dr.	4	Below Grade	05/13/2025	P1	8.9	120.6	95	95	-2 / 2	DPMP		RF
210 /150 7	Water: Service, Lot 156 on House Rock Dr.	4	Below Grade	05/13/2025	P1	9.4	122.1	96	95	-2 / 2	DPMP		RF
211 /150 8	Water: Service, Lot 157 on House Rock Dr.	4	Below Grade	05/13/2025	P1	8.8	120.6	95	95	-2 / 2	DPMP		RF
212 /150 9	Water: Service, Lot 158 on House Rock Dr.	4	Below Grade	05/13/2025	P1	9.1	122.1	96	95	-2 / 2	DPMP		RF
213 /151 0	Water: Service, Lot 159 on House Rock Dr.	4	Below Grade	05/13/2025	P1	8.9	121.6	95	95	-2 / 2	DPMP		RF
214 /151 1	Water: Service, Lot 160 on House Rock Dr.	4	Below Grade	05/13/2025	P1	9.3	120.7	95	95	-2 / 2	DPMP		RF
215 /151 2	Water: Service, Lot 161 on House Rock Dr.	4	Below Grade	05/13/2025	P1	8.6	121.5	95	95	-2 / 2	DPMP		RF
216 /151 3	Water: Service, Lot 162 on House Rock Dr.	4	Below Grade	05/13/2025	P1	9.1	120.6	95	95	-2 / 2	DPMP		RF
127 /151 4 4	Sanitary Sewer: Service, Lot 98 on Tapeats Dr.	6	Below Grade	05/13/2025	P5	9.4	119.6	99	95	-2 / 2	DPMP		CF
217 /151 5	Water: Service, Lot 163 on House Rock Dr.	4	Below Grade	05/13/2025	P1	9.2	120.8	95	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
127 /151 5 6	Sanitary Sewer: Service, Lot 93 on Tapeats Dr.	6	Below Grade	05/13/2025	P5	9.6	115.0	95	95	-2 / 2	DPMP		CF
127 /151 6 7	Sanitary Sewer: Main, STA 13 + 00 on Tapeats Dr.	6	Below Grade	05/13/2025	P5	9.5	115.6	96	95	-2 / 2	DPMP		CF
218 /151 8	Water: Service, Lot 164 on House Rock Dr.	4	Below Grade	05/13/2025	P1	9.7	120.6	95	95	-2 / 2	DPMP		RF
219 /151 9	Water: Service, Lot 165 on House Rock Dr.	4	Below Grade	05/13/2025	P2	9.4	115.5	96	95	-2 / 2	DPMP		RF
127 /152 7 0	Sanitary Sewer: Service, Lot 92 on Tapeats Dr.	4	Below Grade	05/13/2025	P5	9.4	114.6	95	95	-2 / 2	DPMP		CF
127 /152 8 1	Sanitary Sewer: Service, Lot 99 on Tapeats Dr.	4	Below Grade	05/13/2025	P5	9.3	114.4	95	95	-2 / 2	DPMP		CF
127 /152 9 2	Sanitary Sewer: Service, Lot 91 on Tapeats Dr.	2	Below Grade	05/13/2025	P5	9.5	115.0	95	95	-2 / 2	DPMP		CF
128 /152 0 3	Sanitary Sewer: Service, Lot 100 on Tapeats Dr.	2	Below Grade	05/13/2025	P5	9.8	114.3	95	95	-2 / 2	DPMP		CF
128 /152 1 4	Sanitary Sewer: Service, Lot 34 on Horn Hill Dr.	6	Below Grade	05/13/2025	P4	6.4	118.1	95	95	-2 / 2	DPMP		CF
128 /152 2 5	Sanitary Sewer: Main, STA 22 + 50 on Horn Hill Dr.	6	Below Grade	05/13/2025	P4	6.3	118.5	95	95	-2 / 2	DPMP		CF
128 /152 3 6	Sanitary Sewer: Service, Lot 33 on Horn Hill Dr.	6	Below Grade	05/13/2025	P4	8.5	118.2	95	95	-2 / 2	DPMP		CF
128 /152 4 7	Sanitary Sewer: Service, Lot 31 on Horn Hill Dr.	4	Below Grade	05/13/2025	P4	7.5	121.5	97	95	-2 / 2	DPMP		CF
220 /152 8	Water: Service, Lot 196 on Crystal Falls Dr.	4	Below Grade	05/13/2025	P2	10.2	113.7	95	95	-2 / 2	DPMP		RF
221 /152 9	Water: Service, Lot 218 on Crystal Falls Dr.	4	Below Grade	05/13/2025	P2	10.7	114.3	95	95	-2 / 2	DPMP		RF



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Soil Density Report

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
222 /153 0	Water: Service, Lot 219 on Crystal Falls Dr.	4	Below Grade	05/13/2025	P2	10.6	114.2	95	95	-2 / 2	DPMP		RF
223 /153 1	Water: Service, Lot 195 on Crystal Falls Dr.	4	Below Grade	05/13/2025	P2	9.7	114.2	95	95	-2 / 2	DPMP		RF

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 D1557 - B	SC	8.5	127.5
P3	ASTM D1557 - B	SW	7.5	125.8
P2	ASTM D1557 - A	ML	10.1	120.1
P5	ASTM D1557 - A	SM	11.3	120.5
P4	ASTM D1557 - B	SC	8.2	124.7

05/21/2025

Reviewed by: Joey Goode, PE



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Project:

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Meridian Ranch - Rolling Hills Ranch North F1
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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
224 /153 2	Water: Service, Lot 223 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P3	7.9	119.3	95	95	-2 / 2	DPMP		RF
225 /153 3	Water: Service, Lot 190 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P3	8.9	120.6	96	95	-2 / 2	DPMP		RF
226 /153 4	Water: Service, Lot 222 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	10.6	115.7	96	95	-2 / 2	DPMP		RF
227 /153 5	Water: Service, Lot 191 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	10.4	114.3	95	95	-2 / 2	DPMP		RF
228 /153 6	Water: Service, Lot 221 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	10.8	113.9	95	95	-2 / 2	DPMP		RF
229 /153 7	Water: Service, Lot 192 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	10.5	114.6	95	95	-2 / 2	DPMP		RF
230 /153 8	Water: Service, Lot 193 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	11.0	113.6	95	95	-2 / 2	DPMP		RF
231 /153 9	Water: Service, Lot 220 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	11.4	114.3	95	95	-2 / 2	DPMP		RF
232 /154 0	Water: Service, Lot 219 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	11.3	114.4	95	95	-2 / 2	DPMP		RF
233 /154 1	Water: Service, Lot 194 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	11.2	114.1	95	95	-2 / 2	DPMP		RF
234 /154 2	Water: Service, Lot 195 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	10.2	115.2	96	95	-2 / 2	DPMP		RF
235 /154 3	Water: Service, Lot 218 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	9.9	115.3	96	95	-2 / 2	DPMP		RF
236 /154 4	Water: Service, Lot 196 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	9.7	113.7	95	95	-2 / 2	DPMP		RF



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250235
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Rolling Hills Ranch North F1
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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
237 /154 5	Water: Service, Lot 217 on Crystal Falls Dr.	4	Below Grade	05/14/2025	P3	8.3	120.1	96	95	-2 / 2	DPMP		RF
238 /154 6	Water: Service, Lot 197 on Crystal Falls Dr.	4	Below Grade	05/14/2025	P3	8.9	119.3	95	95	-2 / 2	DPMP		RF
239 /154 7	Water: Service, Lot 216 on Crystal Falls Dr.	4	Below Grade	05/14/2025	P3	7.9	120.6	96	95	-2 / 2	DPMP		RF
240 /154 8	Water: Service, Lot 198 on Crystal Falls Dr.	4	Below Grade	05/14/2025	P3	8.6	118.9	95	95	-2 / 2	DPMP		RF
241 /154 9	Water: Service, Lot 215 on Crystal Falls Dr.	4	Below Grade	05/14/2025	P2	10.3	114.2	95	95	-2 / 2	DPMP		RF
242 /155 0	Water: Service, Lot 154 on House Rock Dr.	2	Below Grade	05/14/2025	P1	6.5	125.0	98	95	-2 / 2	DPMP		CF
243 /155 1	Water: Service, Lot 199 on Crystal Falls Dr.	4	Below Grade	05/14/2025	P2	10.7	113.6	95	95	-2 / 2	DPMP		RF
244 /155 2	Water: Service, Lot 214 on Crystal Falls Dr.	4	Below Grade	05/14/2025	P2	10.3	115.3	96	95	-2 / 2	DPMP		RF
245 /155 3	Water: Service, Lot 200 on Crystal Falls Dr.	4	Below Grade	05/14/2025	P2	10.3	114.6	95	95	-2 / 2	DPMP		RF
246 /155 4	Water: Service, Lot 213 on Crystal Falls Dr.	4	Below Grade	05/14/2025	P2	9.8	115.4	96	95	-2 / 2	DPMP		RF
247 /155 5	Water: Service, Lot 201 on Crystal Falls Dr.	4	Below Grade	05/14/2025	P2	9.9	114.3	95	95	-2 / 2	DPMP		RF
248 /155 6	Water: Service, Lot 212 on Crystal Falls Dr.	4	Below Grade	05/14/2025	P2	10.2	114.6	95	95	-2 / 2	DPMP		RF
249 /155 7	Water: Service, Lot 202 on Crystal Falls Dr.	4	Below Grade	05/14/2025	P2	10.7	115.7	96	95	-2 / 2	DPMP		RF
250 /155 8	Water: Service, Lot 237 on House Rock Dr.	2	Below Grade	05/14/2025	P1	6.6	123.2	97	95	-2 / 2	DPMP		CF



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250235
Meridian Ranch - Rolling Hills Ranch North F1
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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
251 /155 9	Water: Service, Lot 155 on House Rock Dr.	2	Below Grade	05/14/2025	P1	7.1	121.9	96	95	-2 / 2	DPMP		CF
252 /156 0	Water: Service, Lot 238 on House Rock Dr.	2	Below Grade	05/14/2025	P1	7.0	122.3	96	95	-2 / 2	DPMP		CF
253 /156 1	Water: Service, Lot 239 on House Rock Dr.	2	Below Grade	05/14/2025	P1	7.1	123.6	97	95	-2 / 2	DPMP		CF
254 /156 2	Water: Service, Lot 211 on Crystal Falls Dr.	4	Below Grade	05/14/2025	P2	10.6	114.1	95	95	-2 / 2	DPMP		RF
255 /156 3	Water: Service, Lot 156 on House Rock Dr.	2	Below Grade	05/14/2025	P1	7.1	120.7	95	95	-2 / 2	DPMP		CF
256 /156 4	Water: Service, Lot 203 on Crystal Falls Dr.	4	Below Grade	05/14/2025	P2	9.8	114.4	95	95	-2 / 2	DPMP		RF
257 /156 5	Water: Service, Lot 157 on House Rock Dr.	2	Below Grade	05/14/2025	P1	7.6	120.8	95	95	-2 / 2	DPMP		CF
258 /156 6	Water: Service, Lot 158 on House Rock Dr.	2	Below Grade	05/14/2025	P1	7.5	122.2	96	95	-2 / 2	DPMP		CF
259 /156 7	Water: Service, Lot 210 on Crystal Falls Dr.	4	Below Grade	05/14/2025	P2	10.1	115.1	96	95	-2 / 2	DPMP		RF
260 /156 8	Water: Service, Lot 159 on House Rock Dr.	2	Below Grade	05/14/2025	P1	7.3	122.8	96	95	-2 / 2	DPMP		CF
261 /156 9	Water: Service, Lot 160 on House Rock Dr.	2	Below Grade	05/14/2025	P1	6.9	120.6	95	95	-2 / 2	DPMP		CF
262 /157 0	Water: Service, Lot 204 on Crystal Falls Dr.	4	Below Grade	05/14/2025	P2	10.0	115.5	96	95	-2 / 2	DPMP		RF
263 /157 1	Water: Service, Lot 161 on House Rock Dr.	2	Below Grade	05/14/2025	P1	6.8	123.5	97	95	-2 / 2	DPMP		CF
264 /157 2	Water: Service, Lot 209 on Crystal Falls Dr.	4	Below Grade	05/14/2025	P2	10.5	114.9	96	95	-2 / 2	DPMP		RF



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265 /157 3	Water: Service, Lot 162 on House Rock Dr.	2	Below Grade	05/14/2025	P1	6.9	120.8	95	95	-2 / 2	DPMP		CF
266 /157 4	Water: Service, Lot 163 on House Rock Dr.	2	Below Grade	05/14/2025	P1	7.8	121.9	96	95	-2 / 2	DPMP		CF
267 /157 5	Water: Service, Lot 208 on Crystal Falls Dr.	4	Below Grade	05/14/2025	P2	9.8	114.7	96	95	-2 / 2	DPMP		RF
268 /157 6	Water: Service, Lot 164 on House Rock Dr.	2	Below Grade	05/14/2025	P1	9.1	121.4	95	95	-2 / 2	DPMP		CF
269 /157 7	Water: Service, Lot 205 on Crystal Falls Dr.	4	Below Grade	05/14/2025	P2	10.3	115.1	96	95	-2 / 2	DPMP		RF
270 /157 8	Water: Service, Lot 165 on House Rock Dr.	2	Below Grade	05/14/2025	P2	8.5	119.3	99	95	-2 / 2	DPMP		CF
271 /157 9	Water: Service, Lot 207 on Crystal Falls Dr.	4	Below Grade	05/14/2025	P2	10.1	114.2	95	95	-2 / 2	DPMP		RF
272 /158 0	Water: Service, Lot 166 on House Rock Dr.	4	Below Grade	05/14/2025	P2	8.6	115.9	97	95	-2 / 2	DPMP		CF
273 /158 1	Water: Service, Lot 206 on Crystal Falls Dr.	4	Below Grade	05/14/2025	P2	10.7	114.8	96	95	-2 / 2	DPMP		RF
274 /158 2	Water: Service, Lot 167 on House Rock Dr.	4	Below Grade	05/14/2025	P2	8.3	116.1	97	95	-2 / 2	DPMP		CF
275 /158 3	Water: Service, Lot 168 on House Rock Dr.	4	Below Grade	05/14/2025	P2	8.5	118.2	98	95	-2 / 2	DPMP		CF
276 /158 4	Water: Service, Lot 169 on House Rock Dr.	4	Below Grade	05/14/2025	P2	8.8	116.7	97	95	-2 / 2	DPMP		CF
277 /158 5	Water: Service, Lot 194 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	10.3	115.7	96	95	-2 / 2	DPMP		RF
278 /158 6	Water: Service, Lot 225 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.9	122.3	96	95	-2 / 2	DPMP		CF



Entech Engineering
505 Elkton Dr.
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Phone: 719-531-5599

Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
279 /158 7	Water: Service, Lot 226 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.5	121.7	96	95	-2 / 2	DPMP		CF
280 /158 8	Water: Service, Lot 227 on House Rock Dr.	-	At Grade	05/14/2025	P1	9.0	121.5	95	95	-2 / 2	DPMP		CF
281 /158 9	Water: Service, Lot 228 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.6	122.1	96	95	-2 / 2	DPMP		CF
282 /159 0	Water: Service, Lot 229 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.7	121.4	95	95	-2 / 2	DPMP		CF
283 /159 1	Water: Service, Lot 230 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.5	122.6	96	95	-2 / 2	DPMP		CF
284 /159 2	Water: Service, Lot 231 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.9	122.0	96	95	-2 / 2	DPMP		CF
285 /159 3	Water: Service, Lot 232 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.6	122.4	96	95	-2 / 2	DPMP		CF
286 /159 4	Water: Service, Lot 233 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.5	121.9	96	95	-2 / 2	DPMP		CF
287 /159 5	Water: Service, Lot 234 on House Rock Dr.	-	At Grade	05/14/2025	P1	9.1	121.6	95	95	-2 / 2	DPMP		CF
288 /159 6	Water: Service, Lot 235 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.7	121.2	95	95	-2 / 2	DPMP		CF
289 /159 7	Water: Service, Lot 236 on House Rock Dr.	-	At Grade	05/14/2025	P1	9.0	120.8	95	95	-2 / 2	DPMP		CF
290 /159 8	Water: Service, Lot 237 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.5	120.5	95	95	-2 / 2	DPMP		CF
291 /159 9	Water: Service, Lot 238 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.5	121.3	95	95	-2 / 2	DPMP		CF
292 /160 0	Water: Service, Lot 239 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.8	120.7	95	95	-2 / 2	DPMP		CF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
293 /160 1	Water: Service, Lot 198 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P3	8.4	119.6	95	95	-2 / 2	DPMP		RF
294 /160 2	Water: Service, Lot 216 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P3	8.2	118.9	95	95	-2 / 2	DPMP		RF
295 /160 3	Water: Service, Lot 199 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	10.1	115.7	96	95	-2 / 2	DPMP		RF
296 /160 4	Water: Service, Lot 158 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.7	122.1	96	95	-2 / 2	DPMP		CF
297 /160 5	Water: Service, Lot 157 on House Rock Dr.	-	At Grade	05/14/2025	P1	9.3	120.5	95	95	-2 / 2	DPMP		CF
298 /160 6	Water: Service, Lot 215 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	10.4	114.8	96	95	-2 / 2	DPMP		RF
299 /160 7	Water: Service, Lot 156 on House Rock Dr.	-	At Grade	05/14/2025	P1	9.0	121.7	96	95	-2 / 2	DPMP		CF
300 /160 8	Water: Service, Lot 214 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	9.8	113.9	95	95	-2 / 2	DPMP		RF
301 /160 9	Water: Service, Lot 155 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.7	121.3	95	95	-2 / 2	DPMP		CF
302 /161 0	Water: Service, Lot 154 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.6	121.0	95	95	-2 / 2	DPMP		CF
303 /161 1	Water: Service, Lot 200 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	9.7	115.6	96	95	-2 / 2	DPMP		RF
304 /161 2	Water: Service, Lot 153 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.7	121.9	96	95	-2 / 2	DPMP		CF
305 /161 3	Water: Service, Lot 152 on House Rock Dr.	-	At Grade	05/14/2025	P1	9.0	122.3	96	95	-2 / 2	DPMP		CF
306 /161 4	Water: Service, Lot 201 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	9.8	114.3	95	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
307 /161 5	Water: Service, Lot 151 on House Rock Dr.	-	At Grade	05/14/2025	P1	9.2	121.8	96	95	-2 / 2	DPMP		CF
308 /161 6	Water: Service, Lot 150 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.5	122.5	96	95	-2 / 2	DPMP		CF
309 /161 7	Water: Service, Lot 213 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	9.9	116.4	97	95	-2 / 2	DPMP		RF
310 /161 8	Water: Service, Lot 149 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.5	122.2	96	95	-2 / 2	DPMP		CF
311 /161 9	Water: Service, Lot 148 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.5	121.4	95	95	-2 / 2	DPMP		CF
312 /162 0	Water: Service, Lot 147 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.6	121.8	96	95	-2 / 2	DPMP		CF
313 /162 1	Water: Service, Lot 212 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	10.4	114.2	95	95	-2 / 2	DPMP		RF
314 /162 2	Water: Service, Lot 146 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.5	120.5	95	95	-2 / 2	DPMP		CF
315 /162 3	Water: Service, Lot 202 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	10.7	114.8	96	95	-2 / 2	DPMP		RF
316 /162 4	Water: Service, Lot 145 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.7	122.6	96	95	-2 / 2	DPMP		CF
317 /162 5	Water: Service, Lot 144 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.5	121.2	95	95	-2 / 2	DPMP		CF
318 /162 6	Water: Service, Lot 143 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.8	121.1	95	95	-2 / 2	DPMP		CF
319 /162 7	Water: Service, Lot 142 on House Rock Dr.	-	At Grade	05/14/2025	P1	8.5	120.9	95	95	-2 / 2	DPMP		CF
320 /162 8	Water: Service, Lot 203 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	9.8	116.3	97	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
321 /1629	Water: Service, Lot 211 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	10.1	114.7	96	95	-2 / 2	DPMP		RF
322 /1630	Water: Service, Lot 210 on Crystal Falls Dr.	2	Below Grade	05/14/2025	P2	9.7	114.3	95	95	-2 / 2	DPMP		RF

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 D1557 - B	SW	7.5	125.8
P2	ASTM D1557 - A	ML	10.1	120.1
P1	ASTM D1557 - B	SC	8.5	127.5

05/22/2025

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
323 /163 1	Water: Service, Lot 204 on Crystal Falls Dr.	2	Below Grade	05/15/2025	P2	9.8	113.5	95	95	-2 / 2	DPMP		RF
324 /163 2	Water: Service, Lot 209 on Crystal Falls Dr.	2	Below Grade	05/15/2025	P2	10.1	114.2	95	95	-2 / 2	DPMP		RF
325 /163 3	Water: Service, Lot 205 on Crystal Falls Dr.	2	Below Grade	05/15/2025	P2	10.1	115.0	96	95	-2 / 2	DPMP		RF
326 /163 4	Water: Service, Lot 208 on Crystal Falls Dr.	2	Below Grade	05/15/2025	P2	9.8	113.7	95	95	-2 / 2	DPMP		RF
327 /163 5	Water: Service, Lot 207 on Crystal Falls Dr.	2	Below Grade	05/15/2025	P2	9.4	114.1	95	95	-2 / 2	DPMP		RF
328 /163 6	Water: Service, Lot 206 on Crystal Falls Dr.	2	Below Grade	05/15/2025	P2	9.7	115.2	96	95	-2 / 2	DPMP		RF
329 /163 7	Water: Service, Lot 170 on Sunrise Ridge Dr.	4	Below Grade	05/15/2025	P2	10.3	114.1	95	95	-2 / 2	DPMP		RF
330 /163 8	Water: Service, Lot 84 (RHN/F2) on Cardenas Dr.	4	Below Grade	05/15/2025	P3	8.1	119.8	95	95	-2 / 2	DPMP		RF
331 /163 9	Water: Service, Lot 85 (RHN/F2) on Cardenas Dr.	4	Below Grade	05/15/2025	P3	8.1	119.5	95	95	-2 / 2	DPMP		RF
332 /164 0	Water: Service, Lot 172 on Sunrise Ridge Dr.	4	Below Grade	05/15/2025	P2	9.7	113.5	95	95	-2 / 2	DPMP		RF
333 /164 1	Water: Service, Lot 173 on Sunrise Ridge Dr.	4	Below Grade	05/15/2025	P2	10.4	114.8	96	95	-2 / 2	DPMP		RF
334 /164 2	Water: Service, Lot 110 on Sunrise Ridge Dr.	4	Below Grade	05/15/2025	P2	10.2	113.6	95	95	-2 / 2	DPMP		RF
335 /164 3	Water: Service, Lot 111 on Sunrise Ridge Dr.	4	Below Grade	05/15/2025	P2	10.2	114.9	96	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
336 /164 4	Water: Service, Lot 174 on Sunrise Ridge Dr.	4	Below Grade	05/15/2025	P2	9.7	114.7	96	95	-2 / 2	DPMP		RF
337 /164 5	Water: Service, Lot 175 on Sunrise Ridge Dr.	4	Below Grade	05/15/2025	P2	9.5	115.9	97	95	-2 / 2	DPMP		RF
338 /164 6	Water: Service, Lot 112 on Sunrise Ridge Dr.	4	Below Grade	05/15/2025	P2	9.8	113.7	95	95	-2 / 2	DPMP		RF
339 /164 7	Water: Service, Lot 176 on Sunrise Ridge Dr.	4	Below Grade	05/15/2025	P2	9.6	114.2	95	95	-2 / 2	DPMP		RF
340 /164 8	Water: Service, Lot 113 on Sunrise Ridge Dr.	4	Below Grade	05/15/2025	P2	10.1	114.2	95	95	-2 / 2	DPMP		RF
341 /164 9	Water: Service, Lot 114 on Sunrise Ridge Dr.	4	Below Grade	05/15/2025	P2	9.9	115.4	96	95	-2 / 2	DPMP		RF
342 /165 0	Water: Service, Lot 177 on Sunrise Ridge Dr.	4	Below Grade	05/15/2025	P2	9.7	114.8	96	95	-2 / 2	DPMP		RF
343 /165 1	Water: Service, Lot 178 on Sunrise Ridge Dr.	4	Below Grade	05/15/2025	P2	9.6	114.2	95	95	-2 / 2	DPMP		RF
344 /165 2	Water: Service, Lot 115 on Sunrise Ridge Dr.	4	Below Grade	05/15/2025	P2	10.4	114.7	96	95	-2 / 2	DPMP		RF
345 /165 3	Water: Service, Lot 179 on Sunrise Ridge Dr.	4	Below Grade	05/15/2025	P2	10.1	113.6	95	95	-2 / 2	DPMP		RF
346 /165 4	Water: Service, Lot 116 on Sunrise Ridge Dr.	4	Below Grade	05/15/2025	P2	10.0	114.9	96	95	-2 / 2	DPMP		RF
347 /165 5	Water: Service, Lot 143 (RHN/F2) on Shelter Creek Dr.	4	Below Grade	05/15/2025	P3	8.5	119.1	95	95	-2 / 2	DPMP		RF
348 /165 6	Water: Service, Lot 144 (RHN/F2) on Shelter Creek Dr.	4	Below Grade	05/15/2025	P3	9.2	119.7	95	95	-2 / 2	DPMP		RF
349 /165 7	Water: Service, Lot 127 on Shelter Creek Dr.	4	Below Grade	05/15/2025	P3	8.3	119.6	95	95	-2 / 2	DPMP		RF



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Soil Density Report

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
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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
350 /1658	Water: Service, Lot 128 on Shelter Creek Dr.	4	Below Grade	05/15/2025	P3	8.3	120.8	96	95	-2 / 2	DPMP		RF
351 /1659	Water: Service, Lot 129 on Shelter Creek Dr.	4	Below Grade	05/15/2025	P3	8.7	120.8	96	95	-2 / 2	DPMP		RF
352 /1660	Water: Service, Lot 130 on Shelter Creek Dr.	4	Below Grade	05/15/2025	P3	7.8	120.6	96	95	-2 / 2	DPMP		RF
353 /1661	Water: Service, Lot 131 on Shelter Creek Dr.	4	Below Grade	05/15/2025	P3	8.6	119.1	95	95	-2 / 2	DPMP		RF
354 /1662	Water: Service, Lot 132 on Shelter Creek Dr.	4	Below Grade	05/15/2025	P3	8.2	120.5	96	95	-2 / 2	DPMP		RF
355 /1663	Water: Service, Lot 169 on House Rock Dr.	2	Below Grade	05/15/2025	P2	8.3	115.2	96	95	-2 / 2	DPMP		CF
356 /1664	Water: Service, Lot 168 on House Rock Dr.	2	Below Grade	05/15/2025	P2	8.1	115.5	96	95	-2 / 2	DPMP		CF
357 /1665	Water: Service, Lot 167 on House Rock Dr.	2	Below Grade	05/15/2025	P2	8.3	115.4	96	95	-2 / 2	DPMP		CF
358 /1666	Water: Service, Lot 166 on House Rock Dr.	2	Below Grade	05/15/2025	P2	8.6	114.9	96	95	-2 / 2	DPMP		CF
359 /1667	Water: Service, Lot 133 on Shelter Creek Dr.	4	Below Grade	05/15/2025	P3	8.7	119.7	95	95	-2 / 2	DPMP		RF
360 /1668	Water: Service, Lot 134 on Shelter Creek Dr.	4	Below Grade	05/15/2025	P2	10.3	114.7	96	95	-2 / 2	DPMP		RF
361 /1669	Water: Service, Lot 135 on Shelter Creek Dr.	4	Below Grade	05/15/2025	P2	10.6	114.8	96	95	-2 / 2	DPMP		RF
362 /1670	Water: Service, Lot 136 on Shelter Creek Dr.	4	Below Grade	05/15/2025	P2	10.4	114.3	95	95	-2 / 2	DPMP		RF
363 /1671	Water: Service, Lot 137 on Shelter Creek Dr.	4	Below Grade	05/15/2025	P2	10.2	114.8	96	95	-2 / 2	DPMP		RF



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364 /167 2	Water: Service, Lot 138 on Shelter Creek Dr.	4	Below Grade	05/15/2025	P2	10.1	114.7	96	95	-2 / 2	DPMP		RF
365 /167 3	Water: Service, Lot 139 on Shelter Creek Dr.	4	Below Grade	05/15/2025	P2	10.7	115.4	96	95	-2 / 2	DPMP		RF
366 /167 4	Water: Service, Lot 140 on Shelter Creek Dr.	4	Below Grade	05/15/2025	P1	9.5	121.2	95	95	-2 / 2	DPMP		RF
367 /167 5	Water: Service, Lot 141 on Shelter Creek Dr.	4	Below Grade	05/15/2025	P3	8.7	120.7	96	95	-2 / 2	DPMP		RF
368 /167 6	Water: Service, Lot 159 on House Rock Dr.	-	At Grade	05/15/2025	P1	6.6	120.8	95	95	-2 / 2	DPMP		CF
369 /167 7	Water: Service, Lot 160 on House Rock Dr.	-	At Grade	05/15/2025	P1	6.8	121.1	95	95	-2 / 2	DPMP		CF
370 /167 8	Water: Service, Lot 161 on House Rock Dr.	-	At Grade	05/15/2025	P1	7.1	121.6	95	95	-2 / 2	DPMP		CF
371 /167 9	Water: Service, Lot 84 (RHN/F2) on Cardenas Dr.	2	Below Grade	05/15/2025	P3	6.3	119.3	95	95	-2 / 2	DPMP		CF
372 /168 0	Water: Service, Lot 179 on Sunrise Ridge Dr.	2	Below Grade	05/15/2025	P2	10.4	113.8	95	95	-2 / 2	DPMP		RF
373 /168 1	Water: Service, Lot 85 (RHN/F2) on Cardenas Dr.	2	Below Grade	05/15/2025	P3	6.3	119.1	95	95	-2 / 2	DPMP		CF
374 /168 2	Water: Service, Lot 116 on Sunrise Ridge Dr.	2	Below Grade	05/15/2025	P2	9.9	115.2	96	95	-2 / 2	DPMP		RF
375 /168 3	Water: Service, Lot 170 on Sunrise Ridge Dr.	2	Below Grade	05/15/2025	P2	8.3	117.5	98	95	-2 / 2	DPMP		CF
376 /168 4	Water: Service, Lot 171 on Sunrise Ridge Dr.	4	Below Grade	05/15/2025	P2	8.6	117.6	98	95	-2 / 2	DPMP		CF
377 /168 5	Water: Service, Lot 172 on Sunrise Ridge Dr.	2	Below Grade	05/15/2025	P2	9.0	115.6	96	95	-2 / 2	DPMP		CF



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378 /168 6	Water: Service, Lot 143 (RHN/F2) on Shelter Creek Dr.	2	Below Grade	05/15/2025	P3	8.1	119.4	95	95	-2 / 2	DPMP		RF
379 /168 7	Water: Service, Lot 144 (RHN/F2) on Shelter Creek Dr.	2	Below Grade	05/15/2025	P3	8.4	120.9	96	95	-2 / 2	DPMP		RF
380 /168 8	Water: Service, Lot 173 on Sunrise Ridge Dr.	2	Below Grade	05/15/2025	P2	8.1	115.1	96	95	-2 / 2	DPMP		CF
381 /168 9	Water: Service, Lot 110 on Sunrise Ridge Dr.	2	Below Grade	05/15/2025	P2	8.2	115.3	96	95	-2 / 2	DPMP		CF
382 /169 0	Water: Service, Lot 127 on Shelter Creek Dr.	2	Below Grade	05/15/2025	P3	8.3	118.9	95	95	-2 / 2	DPMP		RF
383 /169 1	Water: Service, Lot 174 on Sunrise Ridge Dr.	2	Below Grade	05/15/2025	P2	9.0	118.7	99	95	-2 / 2	DPMP		CF
384 /169 2	Water: Service, Lot 111 on Sunrise Ridge Dr.	2	Below Grade	05/15/2025	P2	8.9	118.0	98	95	-2 / 2	DPMP		CF
385 /169 3	Water: Service, Lot 175 on Sunrise Ridge Dr.	2	Below Grade	05/15/2025	P2	8.4	118.5	99	95	-2 / 2	DPMP		CF
386 /169 4	Water: Service, Lot 112 on Sunrise Ridge Dr.	2	Below Grade	05/15/2025	P2	8.5	118.3	99	95	-2 / 2	DPMP		CF
387 /169 5	Water: Service, Lot 176 on Sunrise Ridge Dr.	2	Below Grade	05/15/2025	P2	8.8	119.3	99	95	-2 / 2	DPMP		CF
388 /169 6	Water: Service, Lot 113 on Sunrise Ridge Dr.	2	Below Grade	05/15/2025	P2	8.3	118.8	99	95	-2 / 2	DPMP		CF
389 /169 7	Water: Service, Lot 177 on Sunrise Ridge Dr.	2	Below Grade	05/15/2025	P2	9.0	115.6	96	95	-2 / 2	DPMP		CF
390 /169 8	Water: Service, Lot 114 on Sunrise Ridge Dr.	2	Below Grade	05/15/2025	P2	9.0	115.1	96	95	-2 / 2	DPMP		CF
391 /169 9	Water: Service, Lot 178 on Sunrise Ridge Dr.	2	Below Grade	05/15/2025	P2	8.6	119.2	99	95	-2 / 2	DPMP		CF



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

Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
392 /170 0	Water: Service, Lot 115 on Sunrise Ridge Dr.	2	Below Grade	05/15/2025	P2	8.9	118.6	99	95	-2 / 2	DPMP		CF
393 /170 1	Water: Service, Lot 162 on House Rock Dr.	-	At Grade	05/15/2025	P1	6.5	120.7	95	95	-2 / 2	DPMP		CF
394 /170 2	Water: Service, Lot 163 on House Rock Dr.	-	At Grade	05/15/2025	P1	6.9	120.5	95	95	-2 / 2	DPMP		CF
395 /170 3	Water: Service, Lot 164 on House Rock Dr.	-	At Grade	05/15/2025	P1	7.5	120.7	95	95	-2 / 2	DPMP		CF
396 /170 4	Water: Service, Lot 165 on House Rock Dr.	-	At Grade	05/15/2025	P2	8.5	118.4	99	95	-2 / 2	DPMP		CF
397 /170 5	Water: Service, Lot 166 on House Rock Dr.	-	At Grade	05/15/2025	P2	8.7	117.1	98	95	-2 / 2	DPMP		CF
398 /170 6	Water: Service, Lot 167 on House Rock Dr.	-	At Grade	05/15/2025	P2	8.7	116.8	97	95	-2 / 2	DPMP		CF
399 /170 7	Water: Service, Lot 168 on House Rock Dr.	-	At Grade	05/15/2025	P2	8.5	117.3	98	95	-2 / 2	DPMP		CF
400 /170 8	Water: Service, Lot 169 on House Rock Dr.	-	At Grade	05/15/2025	P2	8.6	115.4	96	95	-2 / 2	DPMP		CF

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 D1557 - A	ML	10.1	120.1
P3	ASTM D1557 - B	SW	7.5	125.8
P1	ASTM D1557 - B	SC	8.5	127.5



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Soil Density Report

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, CO

A handwritten signature in blue ink, appearing to read "Joey Goode".

05/22/2025

Reviewed by: Joey Goode, PE



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

Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
401 /1709	Water: Service, Lot 197 on Crystal Falls Dr.	2	Below Grade	05/16/2025	P3	8.3	119.5	95	95	-2 / 2	DPMP		RF
402 /1710	Water: Service, Lot 217 on Crystal Falls Dr.	2	Below Grade	05/16/2025	P3	7.9	118.9	95	95	-2 / 2	DPMP		RF
403 /1711	Water: Service, Lot 117 on Sunrise Ridge Dr.	4	Below Grade	05/16/2025	P2	9.8	114.6	95	95	-2 / 2	DPMP		RF
404 /1712	Water: Service, Lot 180 on Sunrise Ridge Dr.	4	Below Grade	05/16/2025	P2	9.9	115.8	96	95	-2 / 2	DPMP		RF
405 /1713	Water: Service, Lot 181 on Sunrise Ridge Dr.	4	Below Grade	05/16/2025	P2	10.1	114.8	96	95	-2 / 2	DPMP		RF
406 /1714	Water: Service, Lot 118 on Sunrise Ridge Dr.	4	Below Grade	05/16/2025	P2	10.5	115.8	96	95	-2 / 2	DPMP		RF
407 /1715	Water: Service, Lot 182 on Sunrise Ridge Dr.	4	Below Grade	05/16/2025	P2	10.3	115.1	96	95	-2 / 2	DPMP		RF
408 /1716	Water: Service, Lot 119 on Sunrise Ridge Dr.	4	Below Grade	05/16/2025	P2	9.8	115.4	96	95	-2 / 2	DPMP		RF
409 /1717	Water: Service, Lot 183 on Sunrise Ridge Dr.	4	Below Grade	05/16/2025	P2	9.9	114.7	96	95	-2 / 2	DPMP		RF
410 /1718	Water: Service, Lot 120 on Sunrise Ridge Dr.	4	Below Grade	05/16/2025	P2	9.7	113.9	95	95	-2 / 2	DPMP		RF
411 /1719	Water: Service, Lot 121 on Sunrise Ridge Dr.	4	Below Grade	05/16/2025	P2	10.2	115.2	96	95	-2 / 2	DPMP		RF
412 /1720	Water: Service, Lot 128 on Shelter Creek Dr.	2	Below Grade	05/16/2025	P3	6.2	119.6	95	95	-2 / 2	DPMP		CF
413 /1721	Water: Service, Lot 181 on Sunrise Ridge Dr.	2	Below Grade	05/16/2025	P2	10.4	114.3	95	95	-2 / 2	DPMP		RF



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Soil Density Report

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
414 /172 2	Water: Service, Lot 118 on Sunrise Ridge Dr.	2	Below Grade	05/16/2025	P2	10.6	114.8	96	95	-2 / 2	DPMP		RF
415 /172 3	Water: Service, Lot 182 on Sunrise Ridge Dr.	2	Below Grade	05/16/2025	P2	9.8	113.7	95	95	-2 / 2	DPMP		RF
416 /172 4	Water: Service, Lot 119 on Sunrise Ridge Dr.	2	Below Grade	05/16/2025	P2	10.2	114.5	95	95	-2 / 2	DPMP		RF
417 /172 5	Water: Service, Lot 183 on Sunrise Ridge Dr.	2	Below Grade	05/16/2025	P2	10.8	113.8	95	95	-2 / 2	DPMP		RF
418 /172 6	Water: Service, Lot 120 on Sunrise Ridge Dr.	2	Below Grade	05/16/2025	P2	10.0	114.7	96	95	-2 / 2	DPMP		RF
419 /172 7	Water: Service, Lot 184 on Sunrise Ridge Dr.	4	Below Grade	05/16/2025	P2	11.4	114.3	95	95	-2 / 2	DPMP		RF
420 /172 8	Water: Service, Lot 122 on Sunrise Ridge Dr.	4	Below Grade	05/16/2025	P2	10.5	115.7	96	95	-2 / 2	DPMP		RF
421 /172 9	Water: Service, Lot 180 on Sunrise Ridge Dr.	2	Below Grade	05/16/2025	P2	10.3	115.1	96	95	-2 / 2	DPMP		RF
422 /173 0	Water: Service, Lot 185 on Sunrise Ridge Dr.	4	Below Grade	05/16/2025	P2	11.1	113.9	95	95	-2 / 2	DPMP		RF
423 /173 1	Water: Service, Lot 123 on Sunrise Ridge Dr.	4	Below Grade	05/16/2025	P2	10.2	116.3	97	95	-2 / 2	DPMP		RF
424 /173 2	Water: Service, Lot 124 on Sunrise Ridge Dr.	4	Below Grade	05/16/2025	P2	9.5	115.7	96	95	-2 / 2	DPMP		RF
425 /173 3	Water: Service, Lot 186 on Sunrise Ridge Dr.	4	Below Grade	05/16/2025	P2	9.8	116.4	97	95	-2 / 2	DPMP		RF
426 /173 4	Water: Service, Lot 117 on Sunrise Ridge Dr.	2	Below Grade	05/16/2025	P2	9.9	114.2	95	95	-2 / 2	DPMP		RF
427 /173 5	Water: Service, Lot 171 on Sunrise Ridge Dr.	2	Below Grade	05/16/2025	P2	9.8	113.8	95	95	-2 / 2	DPMP		RF



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Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
428 /173 6	Water: Service, Lot 129 on Shelter Creek Dr.	2	Below Grade	05/16/2025	P3	5.7	119.4	95	95	-2 / 2	DPMP		CF
429 /173 7	Water: Service, Lot 130 on Shelter Creek Dr.	2	Below Grade	05/16/2025	P3	6.2	119.2	95	95	-2 / 2	DPMP		CF
430 /173 8	Water: Service, Lot 131 on Shelter Creek Dr.	2	Below Grade	05/16/2025	P3	6.2	125.0	99	95	-2 / 2	DPMP		CF
431 /173 9	Water: Service, Lot 132 on Shelter Creek Dr.	2	Below Grade	05/16/2025	P3	6.2	119.4	95	95	-2 / 2	DPMP		CF
432 /174 0	Water: Service, Lot 133 on Shelter Creek Dr.	2	Below Grade	05/16/2025	P3	6.1	124.5	99	95	-2 / 2	DPMP		CF
433 /174 1	Water: Service, Lot 134 on Shelter Creek Dr.	2	Below Grade	05/16/2025	P2	8.2	118.0	98	95	-2 / 2	DPMP		CF
434 /174 2	Water: Service, Lot 135 on Shelter Creek Dr.	2	Below Grade	05/16/2025	P2	8.7	117.9	98	95	-2 / 2	DPMP		CF
435 /174 3	Water: Service, Lot 136 on Shelter Creek Dr.	2	Below Grade	05/16/2025	P2	8.8	118.0	98	95	-2 / 2	DPMP		CF
436 /174 4	Water: Service, Lot 137 on Shelter Creek Dr.	2	Below Grade	05/16/2025	P2	8.1	118.8	99	95	-2 / 2	DPMP		CF
437 /174 5	Water: Service, Lot 138 on Shelter Creek Dr.	2	Below Grade	05/16/2025	P2	8.6	117.0	97	95	-2 / 2	DPMP		CF
438 /174 6	Water: Service, Lot 139 on Shelter Creek Dr.	2	Below Grade	05/16/2025	P2	8.4	118.0	98	95	-2 / 2	DPMP		CF
439 /174 7	Water: Service, Lot 140 on Shelter Creek Dr.	2	Below Grade	05/16/2025	P2	8.3	118.7	99	95	-2 / 2	DPMP		CF
440 /174 8	Water: Service, Lot 141 on Shelter Creek Dr.	2	Below Grade	05/16/2025	P2	8.9	117.5	98	95	-2 / 2	DPMP		CF

Remarks

DP/MP : Density Pass / Moisture Pass

Comments

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



Entech Engineering
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Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, CO

Proctor Data

Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)
P3	ASTM D1557 - B	SW	7.5	125.8
P2	ASTM D1557 - A	ML	10.1	120.1

05/22/2025

Reviewed by: Joey Goode, PE



Entech Engineering
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Colorado Springs, CO 80907
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Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
441 /174 9	Water: Service, Lot 223 on Crystal Falls Dr.	-	At Grade	05/19/2025	P3	8.6	119.9	95	95	-2 / 2	DPMP		RF
442 /175 0	Water: Service, Lot 222 on Crystal Falls Dr.	-	At Grade	05/19/2025	P2	9.7	114.6	95	95	-2 / 2	DPMP		RF
443 /175 1	Water: Service, Lot 191 on Crystal Falls Dr.	-	At Grade	05/19/2025	P2	8.7	115.1	96	95	-2 / 2	DPMP		RF
444 /175 2	Water: Service, Lot 221 on Crystal Falls Dr.	-	At Grade	05/19/2025	P2	9.6	115.3	96	95	-2 / 2	DPMP		RF
445 /175 3	Water: Service, Lot 220 on Crystal Falls Dr.	-	At Grade	05/19/2025	P2	9.9	114.9	96	95	-2 / 2	DPMP		RF
446 /175 4	Water: Service, Lot 190 on Crystal Falls Dr.	-	At Grade	05/19/2025	P3	8.3	120.7	96	95	-2 / 2	DPMP		RF
447 /175 5	Water: Service, Lot 192 on Crystal Falls Dr.	-	At Grade	05/19/2025	P2	9.8	114.6	95	95	-2 / 2	DPMP		RF
448 /175 6	Water: Service, Lot 193 on Crystal Falls Dr.	-	At Grade	05/19/2025	P2	9.9	115.7	96	95	-2 / 2	DPMP		RF
449 /175 7	Water: Service, Lot 194 on Crystal Falls Dr.	-	At Grade	05/19/2025	P2	10.2	114.8	96	95	-2 / 2	DPMP		RF
450 /175 8	Water: Service, Lot 219 on Crystal Falls Dr.	-	At Grade	05/19/2025	P2	9.6	115.2	96	95	-2 / 2	DPMP		RF
451 /175 9	Water: Service, Lot 195 on Crystal Falls Dr.	-	At Grade	05/19/2025	P2	9.8	115.5	96	95	-2 / 2	DPMP		RF
452 /176 0	Water: Service, Lot 196 on Crystal Falls Dr.	-	At Grade	05/19/2025	P2	9.6	114.5	95	95	-2 / 2	DPMP		RF
453 /176 1	Water: Service, Lot 197 on Crystal Falls Dr.	-	At Grade	05/19/2025	P3	9.4	119.3	95	95	-2 / 2	DPMP		RF



Entech Engineering
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Soil Density Report

Client:

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San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
454 /176 2	Water: Service, Lot 198 on Crystal Falls Dr.	-	At Grade	05/19/2025	P3	9.3	120.1	96	95	-2 / 2	DPMP		RF
455 /176 3	Water: Service, Lot 121 on Sunrise Ridge Dr.	2	At Grade	05/19/2025	P2	10.4	114.3	95	95	-2 / 2	DPMP		RF
456 /176 4	Water: Service, Lot 184 on Sunrise Ridge Dr.	2	At Grade	05/19/2025	P2	9.8	115.3	96	95	-2 / 2	DPMP		RF
457 /176 5	Water: Service, Lot 122 on Sunrise Ridge Dr.	2	At Grade	05/19/2025	P2	10.2	114.6	95	95	-2 / 2	DPMP		RF
458 /176 6	Water: Service, Lot 123 on Sunrise Ridge Dr.	2	At Grade	05/19/2025	P2	9.7	114.7	96	95	-2 / 2	DPMP		RF
459 /176 7	Water: Service, Lot 185 on Sunrise Ridge Dr.	2	At Grade	05/19/2025	P2	9.8	113.9	95	95	-2 / 2	DPMP		RF
460 /176 8	Water: Service, Lot 186 on Sunrise Ridge Dr.	2	At Grade	05/19/2025	P2	9.7	116.0	97	95	-2 / 2	DPMP		RF
461 /176 9	Water: Service, Lot 124 on Sunrise Ridge Dr.	2	At Grade	05/19/2025	P2	9.6	114.6	95	95	-2 / 2	DPMP		RF
462 /177 0	Water: Service, Lot 199 on Crystal Falls Dr.	-	At Grade	05/19/2025	P2	8.1	115.2	96	95	-2 / 2	DPMP		CF
463 /177 1	Water: Service, Lot 200 on Crystal Falls Dr.	-	At Grade	05/19/2025	P2	8.3	115.6	96	95	-2 / 2	DPMP		CF
464 /177 2	Water: Service, Lot 201 on Crystal Falls Dr.	-	At Grade	05/19/2025	P2	8.2	114.8	96	95	-2 / 2	DPMP		CF
465 /177 3	Water: Service, Lot 202 on Crystal Falls Dr.	-	At Grade	05/19/2025	P2	8.2	115.0	96	95	-2 / 2	DPMP		CF
466 /177 4	Water: Service, Lot 203 on Crystal Falls Dr.	-	At Grade	05/19/2025	P2	8.1	115.7	96	95	-2 / 2	DPMP		CF
467 /177 5	Water: Service, Lot 204 on Crystal Falls Dr.	-	At Grade	05/19/2025	P2	8.3	115.9	97	95	-2 / 2	DPMP		CF



Entech Engineering
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Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
468 /177 6	Water: Service, Lot 205 on Crystal Falls Dr.	-	At Grade	05/19/2025	P2	8.4	115.1	96	95	-2 / 2	DPMP		CF
469 /177 7	Water: Service, Lot 206 on Crystal Falls Dr.	-	At Grade	05/19/2025	P2	8.5	114.3	95	95	-2 / 2	DPMP		CF
470 /177 8	Water: Service, Lot 85 (RHN/F2) on Cardenas Dr.	-	At Grade	05/19/2025	P3	8.7	120.2	96	95	-2 / 2	DPMP		RF
471 /177 9	Water: Service, Lot 84 (RHN/F2) on Cardenas Dr.	-	At Grade	05/19/2025	P3	9.1	119.7	95	95	-2 / 2	DPMP		RF
472 /178 0	Water: Service, Lot 188 on Sunrise Ridge Dr.	4	At Grade	05/19/2025	P2	10.5	114.6	95	95	-2 / 2	DPMP		RF
473 /178 1	Water: Service, Lot 187 on Sunrise Ridge Dr.	4	At Grade	05/19/2025	P2	10.5	115.4	96	95	-2 / 2	DPMP		RF
474 /178 2	Water: Service, Lot 125 on Sunrise Ridge Dr.	4	At Grade	05/19/2025	P2	9.6	116.3	97	95	-2 / 2	DPMP		RF
475 /178 3	Water: Service, Lot 125 on Sunrise Ridge Dr.	2	At Grade	05/19/2025	P2	9.8	116.1	97	95	-2 / 2	DPMP		RF
476 /178 4	Water: Service, Lot 187 on Sunrise Ridge Dr.	2	At Grade	05/19/2025	P2	10.1	115.5	96	95	-2 / 2	DPMP		RF
477 /178 5	Water: Service, Lot 188 on Sunrise Ridge Dr.	2	At Grade	05/19/2025	P2	10.4	115.7	96	95	-2 / 2	DPMP		RF
478 /178 6	Water: Main, STA 67 + 00 on Sunrise Ridge Dr.	4	Below Grade	05/19/2025	P6	8.7	120.6	95	95	-2 / 2	DPMP		RF
479 /178 7	Water: Main, STA 67 + 00 on Sunrise Ridge Dr.	2	Below Grade	05/19/2025	P6	8.7	120.9	95	95	-2 / 2	DPMP		RF
480 /178 8	Water: Main, Lowering for natural drainage in Tract A, STA 66 + 32 on Sunrise Ridge Dr.	4	Below Grade	05/19/2025	P6	9.4	120.9	95	95	-2 / 2	DPMP		RF
481 /178 9	Water: Main, Lowering for natural drainage in Tract A, STA 66 + 32 on Sunrise Ridge Dr.	2	Below Grade	05/19/2025	P6	9.4	121.1	96	95	-2 / 2	DPMP		RF



Entech Engineering
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Soil Density Report

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Tech Contractors
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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
128 /179 5 0	Sanitary Sewer: Main, STA 11 + 50 on Tapeats Dr.	2	Below Grade	05/19/2025	P5	11.4	114.2	95	95	-2 / 2	DP/MP		RF

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 D1557 - B	SW	7.5	125.8
P2	ASTM D1557 - A	ML	10.1	120.1
P6	ASTM D1557 - A	SM	8.2	126.8
P5	ASTM D1557 - A	SM	11.3	120.5

05/28/2025

Reviewed by: Joey Goode, PE



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
482 /179 1	Water: Service, Lot 141 on Shelter Creek Dr.	-	At Grade	05/20/2025	P3	8.6	119.2	95	95	-2 / 2	DPMP		RF
483 /179 2	Water: Service, Lot 140 on Shelter Creek Dr.	-	At Grade	05/20/2025	P1	8.9	120.8	95	95	-2 / 2	DPMP		RF
484 /179 3	Water: Service, Lot 139 on Shelter Creek Dr.	-	At Grade	05/20/2025	P2	9.7	115.1	96	95	-2 / 2	DPMP		RF
485 /179 4	Water: Service, Lot 138 on Shelter Creek Dr.	-	At Grade	05/20/2025	P2	10.2	115.6	96	95	-2 / 2	DPMP		RF
486 /179 5	Water: Service, Lot 137 on Shelter Creek Dr.	-	At Grade	05/20/2025	P2	10.3	115.8	96	95	-2 / 2	DPMP		RF
487 /179 6	Water: Service, Lot 136 on Shelter Creek Dr.	-	At Grade	05/20/2025	P2	9.7	114.6	95	95	-2 / 2	DPMP		RF
488 /179 7	Water: Service, Lot 135 on Shelter Creek Dr.	-	At Grade	05/20/2025	P2	10.2	115.3	96	95	-2 / 2	DPMP		RF
489 /179 8	Water: Service, Lot 134 on Shelter Creek Dr.	-	At Grade	05/20/2025	P2	10.3	115.8	96	95	-2 / 2	DPMP		RF
490 /179 9	Water: Service, Lot 133 on Shelter Creek Dr.	-	At Grade	05/20/2025	P3	9.3	119.8	95	95	-2 / 2	DPMP		RF
491 /180 0	Water: Service, Lot 132 on Shelter Creek Dr.	-	At Grade	05/20/2025	P3	9.1	119.7	95	95	-2 / 2	DPMP		RF
492 /180 1	Water: Service, Lot 131 on Shelter Creek Dr.	-	At Grade	05/20/2025	P3	9.5	120.3	96	95	-2 / 2	DPMP		RF
493 /180 2	Water: Service, Lot 130 on Shelter Creek Dr.	-	At Grade	05/20/2025	P3	9.2	118.9	95	95	-2 / 2	DPMP		RF
494 /180 3	Water: Service, Lot 129 on Shelter Creek Dr.	-	At Grade	05/20/2025	P3	9.1	120.7	96	95	-2 / 2	DPMP		RF



Entech Engineering
505 Elkton Dr.
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Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
495 /1804	Water: Service, Lot 128 on Shelter Creek Dr.	-	At Grade	05/20/2025	P3	8.9	119.8	95	95	-2 / 2	DPMP		RF
496 /1805	Water: Service, Lot 127 on Shelter Creek Dr.	-	At Grade	05/20/2025	P3	9.1	120.6	96	95	-2 / 2	DPMP		RF
497 /1806	Water: Service, Lot 144 (RHN/F2) on Shelter Creek Dr.	-	At Grade	05/20/2025	P3	8.9	119.7	95	95	-2 / 2	DPMP		RF
498 /1807	Water: Service, Lot 143 (RHN/F2) on Shelter Creek Dr.	-	At Grade	05/20/2025	P3	9.1	120.4	96	95	-2 / 2	DPMP		RF
499 /1808	Water: Service, Lot 218 on Crystal Falls Dr.	-	At Grade	05/20/2025	P2	9.8	115.2	96	95	-2 / 2	DPMP		RF
500 /1809	Water: Service, Lot 217 on Crystal Falls Dr.	-	At Grade	05/20/2025	P3	9.1	120.4	96	95	-2 / 2	DPMP		RF
501 /1810	Water: Service, Lot 216 on Crystal Falls Dr.	-	At Grade	05/20/2025	P3	9.1	119.8	95	95	-2 / 2	DPMP		RF
502 /1811	Water: Service, Lot 215 on Crystal Falls Dr.	-	At Grade	05/20/2025	P2	9.7	115.3	96	95	-2 / 2	DPMP		RF
503 /1812	Water: Service, Lot 214 on Crystal Falls Dr.	-	At Grade	05/20/2025	P2	9.7	115.1	96	95	-2 / 2	DPMP		RF
504 /1813	Water: Service, Lot 213 on Crystal Falls Dr.	-	At Grade	05/20/2025	P2	9.4	115.6	96	95	-2 / 2	DPMP		RF
505 /1814	Water: Service, Lot 212 on Crystal Falls Dr.	-	At Grade	05/20/2025	P2	9.5	115.2	96	95	-2 / 2	DPMP		RF
506 /1815	Water: Service, Lot 211 on Crystal Falls Dr.	-	At Grade	05/20/2025	P2	9.8	114.8	96	95	-2 / 2	DPMP		RF
507 /1816	Water: Service, Lot 210 on Crystal Falls Dr.	-	At Grade	05/20/2025	P2	10.1	115.3	96	95	-2 / 2	DPMP		RF
508 /1817	Water: Service, Lot 209 on Crystal Falls Dr.	-	At Grade	05/20/2025	P2	10.3	114.6	95	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
509 /181 8	Water: Service, Lot 208 on Crystal Falls Dr.	-	At Grade	05/20/2025	P2	9.9	114.8	96	95	-2 / 2	DPMP		RF
510 /181 9	Water: Service, Lot 207 on Crystal Falls Dr.	-	At Grade	05/20/2025	P2	10.2	115.2	96	95	-2 / 2	DPMP		RF
511 /182 0	Water: Service, Lot 119 on Sunrise Ridge Dr.	-	At Grade	05/20/2025	P2	9.8	114.7	96	95	-2 / 2	DPMP		RF
512 /182 1	Water: Service, Lot 118 on Sunrise Ridge Dr.	-	At Grade	05/20/2025	P2	9.6	114.6	95	95	-2 / 2	DPMP		RF
513 /182 2	Water: Service, Lot 117 on Sunrise Ridge Dr.	-	At Grade	05/20/2025	P2	10.2	115.1	96	95	-2 / 2	DPMP		RF
514 /182 3	Water: Service, Lot 116 on Sunrise Ridge Dr.	-	At Grade	05/20/2025	P2	9.6	114.7	96	95	-2 / 2	DPMP		RF
515 /182 4	Water: Service, Lot 115 on Sunrise Ridge Dr.	-	At Grade	05/20/2025	P2	9.9	115.3	96	95	-2 / 2	DPMP		RF
516 /182 5	Water: Service, Lot 114 on Sunrise Ridge Dr.	-	At Grade	05/20/2025	P2	9.7	114.3	95	95	-2 / 2	DPMP		RF
517 /182 6	Water: Service, Lot 113 on Sunrise Ridge Dr.	-	At Grade	05/20/2025	P2	10.2	115.4	96	95	-2 / 2	DPMP		RF
518 /182 7	Water: Service, Lot 112 on Sunrise Ridge Dr.	-	At Grade	05/20/2025	P2	9.6	114.8	96	95	-2 / 2	DPMP		RF
519 /182 8	Water: Service, Lot 111 on Sunrise Ridge Dr.	-	At Grade	05/20/2025	P2	10.2	115.6	96	95	-2 / 2	DPMP		RF
520 /182 9	Water: Service, Lot 110 on Sunrise Ridge Dr.	-	At Grade	05/20/2025	P2	10.1	115.7	96	95	-2 / 2	DPMP		RF
128 /183 6 0	Sanitary Sewer: Service, Lot 65 on Galeros Dr.	2	Below Grade	05/20/2025	P6	6.6	120.1	95	95	-2 / 2	DPMP		CF
128 /183 7 1	Sanitary Sewer: Service, Lot 64 on Galeros Dr.	4	Below Grade	05/20/2025	P6	6.2	121.0	95	95	-2 / 2	DPMP		CF



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Project:

250235
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Rolling Hills Ranch North F1
Peyton, CO

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128 /183 8 2	Sanitary Sewer: Main, STA 33 + 00 on Galeros Dr.	4	Below Grade	05/20/2025	P6	6.3	122.6	97	95	-2 / 2	DPMP		CF
128 /183 9 3	Sanitary Sewer: Service, Lot 63 on Galeros Dr.	2	Below Grade	05/20/2025	P6	6.7	119.9	95	95	-2 / 2	DPMP		CF
129 /183 0 4	Sanitary Sewer: Main, STA 34 + 00 on Galeros Dr.	2	Below Grade	05/20/2025	P6	6.3	121.5	96	95	-2 / 2	DPMP		CF
129 /183 1 5	Sanitary Sewer: Manhole, STA 23 + 93 on Horn Hill Dr.	4	Below Grade	05/20/2025	P4	9.3	118.3	95	95	-2 / 2	DPMP		RF
129 /183 2 6	Sanitary Sewer: Service, Lot 30 on Horn Hill Dr.	-	At Grade	05/20/2025	P4	8.7	117.9	95	95	-2 / 2	DPMP		RF
129 /183 3 7	Sanitary Sewer: Service, Lot 29 on Horn Hill Dr.	-	At Grade	05/20/2025	P4	9.1	119.2	96	95	-2 / 2	DPMP		RF
129 /183 4 8	Sanitary Sewer: Service, Lot 28 on Horn Hill Dr.	-	At Grade	05/20/2025	P4	9.1	117.8	95	95	-2 / 2	DPMP		RF
129 /183 5 9	Sanitary Sewer: Service, Lot 27 on Horn Hill Dr.	-	At Grade	05/20/2025	P4	8.7	118.1	95	95	-2 / 2	DPMP		RF
129 /184 6 0	Sanitary Sewer: Service, Lot 26 on Horn Hill Dr.	-	At Grade	05/20/2025	P4	8.9	119.1	96	95	-2 / 2	DPMP		RF
129 /184 7 1	Sanitary Sewer: Main, STA 25 + 50 on Horn Hill Dr.	-	At Grade	05/20/2025	P4	9.4	119.4	96	95	-2 / 2	DPMP		RF
129 /184 8 2	Sanitary Sewer: Manhole 11, STA 14 + 40 on Tapeats Dr.	10	Below Grade	05/20/2025	P5	11.1	117.9	98	95	-2 / 2	DPMP		RF
129 /184 9 3	Sanitary Sewer: Service, Lot 96 on Tapeats Dr.	10	Below Grade	05/20/2025	P5	11.1	118.4	98	95	-2 / 2	DPMP		RF
130 /184 0 4	Sanitary Sewer: Service, Lot 97 on Tapeats Dr.	10	Below Grade	05/20/2025	P5	9.9	118.4	98	95	-2 / 2	DPMP		RF



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250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
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130 /184 1 5	Sanitary Sewer: Service, Lot 95 on Tapeats Dr.	10	Below Grade	05/20/2025	P5	10.4	118.2	98	95	-2 / 2	DPMP		RF
130 /184 2 6	Sanitary Sewer: Service, Lot 94 on Tapeats Dr.	10	Below Grade	05/20/2025	P5	11.2	118.3	98	95	-2 / 2	DPMP		RF
130 /184 3 7	Sanitary Sewer: Service, Lot 98 on Tapeats Dr.	4	Below Grade	05/20/2025	P5	11.7	114.3	95	95	-2 / 2	DPMP		RF
130 /184 4 8	Sanitary Sewer: Main, STA 13 + 00 on Tapeats Dr.	4	Below Grade	05/20/2025	P5	11.9	115.2	96	95	-2 / 2	DPMP		RF
130 /184 5 9	Sanitary Sewer: Service, Lot 99 on Tapeats Dr.	4	Below Grade	05/20/2025	P5	11.8	114.9	95	95	-2 / 2	DPMP		RF
130 /185 6 0	Sanitary Sewer: Service, Lot 93 on Tapeats Dr.	4	Below Grade	05/20/2025	P5	11.3	115.2	96	95	-2 / 2	DPMP		RF
130 /185 7 1	Sanitary Sewer: Service, Lot 31 on Horn Hill Dr.	2	Below Grade	05/20/2025	P4	8.9	119.2	96	95	-2 / 2	DPMP		RF
130 /185 8 2	Sanitary Sewer: Manhole 4, STA 23 + 93 on Horn Hill Dr.	2	Below Grade	05/20/2025	P4	8.7	117.9	95	95	-2 / 2	DPMP		RF
130 /185 9 3	Sanitary Sewer: Service, Lot 94 on Tapeats Dr.	8	Below Grade	05/20/2025	P5	11.7	114.9	95	95	-2 / 2	DPMP		RF
131 /185 0 4	Sanitary Sewer: Service, Lot 95 on Tapeats Dr.	8	Below Grade	05/20/2025	P5	12.1	114.3	95	95	-2 / 2	DPMP		RF
131 /185 1 5	Sanitary Sewer: Service, Lot 97 on Tapeats Dr.	8	Below Grade	05/20/2025	P5	11.7	115.4	96	95	-2 / 2	DPMP		RF
131 /185 2 6	Sanitary Sewer: Service, Lot 96 on Tapeats Dr.	8	Below Grade	05/20/2025	P5	11.3	113.9	95	95	-2 / 2	DPMP		RF
131 /185 3 7	Sanitary Sewer: Manhole 11, STA 14 + 40 on Tapeats Dr.	8	Below Grade	05/20/2025	P5	10.9	115.7	96	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
131 /185 4 8	Sanitary Sewer: Service, Lot 64 on Galeros Dr.	2	Below Grade	05/21/2025	P6	9.3	120.5	95	95	-2 / 2	DPMP		RF
131 /185 5 9	Sanitary Sewer: Main, STA 33 + 00 on Galeros Dr.	2	Below Grade	05/21/2025	P6	8.6	121.8	96	95	-2 / 2	DPMP		RF
521 /186 0	Water: Main, Lowering for natural drainage in Tract A, STA 66 + 32 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P6	9.7	121.3	96	95	-2 / 2	DPMP		RF
522 /186 1	Water: Main, STA 67 + 00 on Sunrise Ridge Dr.	-	Below Grade	05/21/2025	P6	9.1	122.4	97	95	-2 / 2	DPMP		RF
523 /186 2	Water: Service, Lot 125 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	9.8	115.3	96	95	-2 / 2	DPMP		RF
524 /186 3	Water: Service, Lot 124 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	9.9	114.8	96	95	-2 / 2	DPMP		RF
525 /186 4	Water: Service, Lot 123 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	10.2	114.9	96	95	-2 / 2	DPMP		RF
526 /186 5	Water: Service, Lot 122 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	10.2	114.4	95	95	-2 / 2	DPMP		RF
527 /186 6	Water: Service, Lot 121 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	9.9	114.7	96	95	-2 / 2	DPMP		RF
528 /186 7	Water: Service, Lot 120 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	9.7	115.1	96	95	-2 / 2	DPMP		RF
529 /186 8	Water: Service, Lot 188 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	10.1	114.8	96	95	-2 / 2	DPMP		RF
530 /186 9	Water: Service, Lot 187 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	9.9	115.3	96	95	-2 / 2	DPMP		RF
531 /187 0	Water: Service, Lot 186 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	9.5	114.6	95	95	-2 / 2	DPMP		RF
532 /187 1	Water: Service, Lot 185 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	9.8	115.2	96	95	-2 / 2	DPMP		RF



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Project:

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Meridian Ranch - Rolling Hills Ranch North F1
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Peyton, CO

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533 /187 2	Water: Service, Lot 184 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	9.4	114.8	96	95	-2 / 2	DPMP		RF
534 /187 3	Water: Service, Lot 183 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	9.3	116.1	97	95	-2 / 2	DPMP		RF
535 /187 4	Water: Service, Lot 182 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	9.8	115.4	96	95	-2 / 2	DPMP		RF
536 /187 5	Water: Service, Lot 181 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	9.6	115.3	96	95	-2 / 2	DPMP		RF
537 /187 6	Water: Service, Lot 180 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	9.9	115.7	96	95	-2 / 2	DPMP		RF
538 /187 7	Water: Service, Lot 179 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	9.6	116.4	97	95	-2 / 2	DPMP		RF
539 /187 8	Water: Service, Lot 178 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	9.4	115.7	96	95	-2 / 2	DPMP		RF
540 /187 9	Water: Service, Lot 177 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	10.1	115.8	96	95	-2 / 2	DPMP		RF
541 /188 0	Water: Service, Lot 176 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	9.7	114.9	96	95	-2 / 2	DPMP		RF
542 /188 1	Water: Service, Lot 175 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	9.3	115.8	96	95	-2 / 2	DPMP		RF
543 /188 2	Water: Service, Lot 174 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	9.2	114.9	96	95	-2 / 2	DPMP		RF
544 /188 3	Water: Service, Lot 173 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	9.4	115.7	96	95	-2 / 2	DPMP		RF
545 /188 4	Water: Service, Lot 172 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	9.1	115.4	96	95	-2 / 2	DPMP		RF
546 /188 5	Water: Service, Lot 171 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	9.4	116.7	97	95	-2 / 2	DPMP		RF



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Rolling Hills Ranch North F1
Peyton, 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
547 /188 6	Water: Service, Lot 170 on Sunrise Ridge Dr.	-	At Grade	05/21/2025	P2	9.2	115.8	96	95	-2 / 2	DPMP		RF

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 D1557 - B	SW	7.5	125.8
P1	ASTM D1557 - B	SC	8.5	127.5
P2	ASTM D1557 - A	ML	10.1	120.1
P6	ASTM D1557 - A	SM	8.2	126.8
P4	ASTM D1557 - B	SC	8.2	124.7
P5	ASTM D1557 - A	SM	11.3	120.5

05/29/2025

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
131 /188 6 7	Sanitary Sewer: Service, Lot 35 on Horn Hill Dr.	10	Below Grade	05/22/2025	P4	9.6	121.8	98	95	-2 / 2	DPMP		RF
131 /188 7 8	Sanitary Sewer: Service, Lot 34 on Horn Hill Dr.	4	Below Grade	05/22/2025	P4	9.3	118.3	95	95	-2 / 2	DPMP		RF
131 /188 8 9	Sanitary Sewer: Main, STA 22 + 50 on Horn Hill Dr.	4	Below Grade	05/22/2025	P4	9.8	119.3	96	95	-2 / 2	DPMP		RF
131 /189 9 0	Sanitary Sewer: Service, Lot 33 on Horn Hill Dr.	4	Below Grade	05/22/2025	P4	9.5	118.4	95	95	-2 / 2	DPMP		RF
132 /189 0 1	Sanitary Sewer: Service, Lot 32 on Horn Hill Dr.	4	Below Grade	05/22/2025	P4	9.9	119.2	96	95	-2 / 2	DPMP		RF
132 /189 1 2	Sanitary Sewer: Service, Lot 35 on Horn Hill Dr.	8	Below Grade	05/22/2025	P4	9.2	118.6	95	95	-2 / 2	DPMP		RF
132 /189 2 3	Sanitary Sewer: Service, Lot 35 on Horn Hill Dr.	6	Below Grade	05/22/2025	P4	9.4	119.7	96	95	-2 / 2	DPMP		RF
132 /189 3 4	Sanitary Sewer: Service, Lot 95 on Tapeats Dr.	6	Below Grade	05/22/2025	P5	11.8	115.9	96	95	-2 / 2	DPMP		RF
132 /189 4 5	Sanitary Sewer: Service, Lot 96 on Tapeats Dr.	6	Below Grade	05/22/2025	P5	11.3	114.3	95	95	-2 / 2	DPMP		RF
132 /189 5 6	Sanitary Sewer: Manhole 11, STA 14 + 40 on Tapeats Dr.	6	Below Grade	05/22/2025	P5	11.4	115.8	96	95	-2 / 2	DPMP		RF
132 /189 6 7	Sanitary Sewer: Service, Lot 94 on Tapeats Dr.	6	Below Grade	05/22/2025	P5	12.1	114.2	95	95	-2 / 2	DPMP		RF
132 /189 7 8	Sanitary Sewer: Service, Lot 97 on Tapeats Dr.	6	Below Grade	05/22/2025	P5	11.9	114.9	95	95	-2 / 2	DPMP		RF
132 /189 8 9	Sanitary Sewer: Service, Lot 37 on Horn Hill Dr.	10	Below Grade	05/22/2025	P4	9.7	121.8	98	95	-2 / 2	DPMP		RF



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Peyton, 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
132 /190 9 0	Sanitary Sewer: Service, Lot 36 on Horn Hill Dr.	10	Below Grade	05/22/2025	P4	9.4	121.9	98	95	-2 / 2	DPMP		RF
133 /190 0 1	Sanitary Sewer: Manhole 5, STA 20 + 93 on Horn Hill Dr.	10	Below Grade	05/22/2025	P4	9.7	122.2	98	95	-2 / 2	DPMP		RF
133 /190 1 2	Sanitary Sewer: Service, Lot 92 on Tapeats Dr.	2	Below Grade	05/27/2025	P5	12.7	114.7	95	95	-2 / 2	DPMP		RF
133 /190 2 3	Sanitary Sewer: Service, Lot 93 on Tapeats Dr.	2	Below Grade	05/27/2025	P5	12.3	115.2	96	95	-2 / 2	DPMP		RF
133 /190 3 4	Sanitary Sewer: Main, STA 13 + 00 on Tapeats Dr.	2	Below Grade	05/27/2025	P5	12.4	115.2	96	95	-2 / 2	DPMP		RF
133 /190 4 5	Sanitary Sewer: Service, Lot 99 on Tapeats Dr.	2	Below Grade	05/27/2025	P5	13.3	114.6	95	95	-2 / 2	DPMP		RF
133 /190 5 6	Sanitary Sewer: Service, Lot 98 on Tapeats Dr.	2	Below Grade	05/27/2025	P5	11.8	114.3	95	95	-2 / 2	DPMP		RF
133 /190 6 7	Sanitary Sewer: Service, Lot 76 on Bright Angel Dr.	10	Below Grade	05/27/2025	P7	14.3	109.1	98	95	-2 / 2	DPMP		RF
133 /190 7 8	Sanitary Sewer: Service, Lot 87 on Bright Angel Dr.	10	Below Grade	05/27/2025	P7	14.6	109.7	98	95	-2 / 2	DPMP		RF
133 /190 8 9	Sanitary Sewer: Service, Lot 88 on Bright Angel Dr.	10	Below Grade	05/27/2025	P4	10.1	121.8	98	95	-2 / 2	DPMP		RF
133 /191 9 0	Sanitary Sewer: Service, Lot 75 on Bright Angel Dr.	10	Below Grade	05/27/2025	P4	9.9	122.1	98	95	-2 / 2	DPMP		RF
134 /191 0 1	Sanitary Sewer: Manhole 5, STA 20 + 93 on Horn Hill Dr.	8	Below Grade	05/27/2025	P4	10.2	117.8	95	95	-2 / 2	DPMP		RF
134 /191 1 2	Sanitary Sewer: Service, Lot 36 on Horn Hill Dr.	8	Below Grade	05/27/2025	P4	9.9	120.8	97	95	-2 / 2	DPMP		RF



Entech Engineering
505 Elkton Dr.
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Phone: 719-531-5599

Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
134 /191 2 3	Sanitary Sewer: Service, Lot 37 on Horn Hill Dr.	8	Below Grade	05/27/2025	P4	9.9	118.2	95	95	-2 / 2	DPMP		RF
134 /191 3 4	Sanitary Sewer: Service, Lot 38 on Horn Hill Dr.	10	Below Grade	05/27/2025	P4	9.8	122.2	98	95	-2 / 2	DPMP		RF
134 /191 4 5	Sanitary Sewer: Main, STA 19 + 50 on Horn Hill Dr.	10	Below Grade	05/27/2025	P4	10.2	121.6	98	95	-2 / 2	DPMP		RF
134 /191 5 6	Sanitary Sewer: Service, Lot 39 on Horn Hill Dr.	10	Below Grade	05/27/2025	P4	9.8	121.9	98	95	-2 / 2	DPMP		RF
134 /191 6 7	Sanitary Sewer: Service, Lot 40 on Horn Hill Dr.	10	Below Grade	05/27/2025	P4	10.2	122.3	98	95	-2 / 2	DPMP		RF
134 /191 7 8	Sanitary Sewer: Service, Lot 35 on Horn Hill Dr.	4	Below Grade	05/27/2025	P4	10.2	118.5	95	95	-2 / 2	DPMP		RF
134 /191 8 9	Sanitary Sewer: Service, Lot 34 on Horn Hill Dr.	2	Below Grade	05/27/2025	P4	9.7	119.8	96	95	-2 / 2	DPMP		RF
134 /192 9 0	Sanitary Sewer: Main, STA 22 + 50 on Horn Hill Dr.	2	Below Grade	05/27/2025	P4	10.1	118.3	95	95	-2 / 2	DPMP		RF
135 /192 0 1	Sanitary Sewer: Service, Lot 33 on Horn Hill Dr.	2	Below Grade	05/27/2025	P4	10.2	119.2	96	95	-2 / 2	DPMP		RF
135 /192 1 2	Sanitary Sewer: Service, Lot 36 on Horn Hill Dr.	6	Below Grade	05/27/2025	P4	9.4	119.2	96	95	-2 / 2	DPMP		RF
135 /192 2 3	Sanitary Sewer: Manhole 5, STA 20 + 93 on Horn Hill Dr.	6	Below Grade	05/27/2025	P4	9.6	119.3	96	95	-2 / 2	DPMP		RF
135 /192 3 4	Sanitary Sewer: Service, Lot 77 on Bright Angel Dr.	10	Below Grade	05/27/2025	P7	14.3	109.1	98	95	-1 / 3	DPMP		RF
135 /192 4 5	Sanitary Sewer: Service, Lot 86 on Bright Angel Dr.	10	Below Grade	05/27/2025	P7	14.3	110.7	99	95	-1 / 3	DPMP		RF



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Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
135 /192 5 6	Sanitary Sewer: Main, STA 11 + 50 on Bright Angel Dr.	10	Below Grade	05/27/2025	P7	13.3	109.9	98	95	-1 / 3	DPMP		RF
135 /192 6 7	Sanitary Sewer: Service, Lot 76 on Bright Angel Dr.	8	Below Grade	05/27/2025	P7	13.8	106.6	95	95	-1 / 3	DPMP		RF
135 /192 7 8	Sanitary Sewer: Service, Lot 75 on Bright Angel Dr.	8	Below Grade	05/27/2025	P4	10.2	118.5	95	95	-2 / 2	DPMP		RF
135 /192 8 9	Sanitary Sewer: Service, Lot 87 on Bright Angel Dr.	8	Below Grade	05/27/2025	P7	14.2	107.3	96	95	-1 / 3	DPMP		RF
135 /193 9 0	Sanitary Sewer: Service, Lot 88.on Bright Angel Dr.	8	Below Grade	05/27/2025	P4	10.2	119.4	96	95	-2 / 2	DPMP		RF
136 /193 0 1	Sanitary Sewer: Service, Lot 40 on Horn Hill Dr.	8	Below Grade	05/28/2025	P4	10.1	118.2	95	95	-2 / 2	DPMP		RF
136 /193 1 2	Sanitary Sewer: Service, Lot 39 on Horn Hill Dr.	8	Below Grade	05/28/2025	P4	10.2	119.4	96	95	-2 / 2	DPMP		RF
136 /193 2 3	Sanitary Sewer: Main, STA 19 + 50 on Horn Hill Dr.	8	Below Grade	05/28/2025	P4	10.1	118.9	95	95	-2 / 2	DPMP		RF
136 /193 3 4	Sanitary Sewer: Service, Lot 38 on Horn Hill Dr.	8	Below Grade	05/28/2025	P4	10.0	119.5	96	95	-2 / 2	DPMP		RF
136 /193 4 5	Sanitary Sewer: Service, Lot 77 on Bright Angel Dr.	8	Below Grade	05/28/2025	P7	14.2	107.1	96	95	-1 / 3	DPMP		RF
136 /193 5 6	Sanitary Sewer: Service, Lot 86 on Bright Angel Dr.	8	Below Grade	05/28/2025	P7	14.4	108.2	97	95	-1 / 3	DPMP		RF
136 /193 6 7	Sanitary Sewer: Main, STA 11 + 50 on Bright Angel Dr.	8	Below Grade	05/28/2025	P7	14.1	107.8	96	95	-1 / 3	DPMP		RF
136 /193 7 8	Sanitary Sewer: Service, Lot 76 on Bright Angel Dr.	6	Below Grade	05/28/2025	P7	13.8	107.4	96	95	-1 / 3	DPMP		RF



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Soil Density Report

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
136 /193 8 9	Sanitary Sewer: Service, Lot 75 on Bright Angel Dr.	6	Below Grade	05/28/2025	P4	9.8	118.7	95	95	-2 / 2	DPMP		RF
136 /194 9 0	Sanitary Sewer: Service, Lot 87 on Bright Angel Dr.	6	Below Grade	05/28/2025	P7	13.9	107.1	96	95	-1 / 3	DPMP		RF
137 /194 0 1	Sanitary Sewer: Service, Lot 88 on Bright Angel Dr.	6	Below Grade	05/28/2025	P4	9.9	119.3	96	95	-2 / 2	DPMP		RF
137 /194 1 2	Sanitary Sewer: Service, Lot 40 on Horn Hill Dr.	6	Below Grade	05/28/2025	P4	9.9	118.7	95	95	-2 / 2	DPMP		RF
137 /194 2 3	Sanitary Sewer: Service, Lot 39 on Horn Hill Dr.	6	Below Grade	05/28/2025	P4	10.1	119.5	96	95	-2 / 2	DPMP		RF
137 /194 3 4	Sanitary Sewer: Main, STA 19 + 50 on Horn Hill Dr.	6	Below Grade	05/28/2025	P4	9.9	121.4	97	95	-2 / 2	DPMP		RF
137 /194 4 5	Sanitary Sewer: Service, Lot 38 on Horn Hill Dr.	6	Below Grade	05/28/2025	P4	10.1	119.0	95	95	-2 / 2	DPMP		RF
137 /194 5 6	Sanitary Sewer: Service, Lot 37 on Horn Hill Dr.	6	Below Grade	05/28/2025	P4	10.1	120.2	96	95	-2 / 2	DPMP		RF
137 /194 6 7	Sanitary Sewer: Service, Lot 36 on Horn Hill Dr.	4	Below Grade	05/28/2025	P4	9.8	118.7	95	95	-2 / 2	DPMP		RF
137 /194 7 8	Sanitary Sewer: Manhole 5, STA 20 + 93 on Horn Hill Dr.	4	Below Grade	05/28/2025	P4	9.9	119.2	96	95	-2 / 2	DPMP		RF
137 /194 8 9	Sanitary Sewer: Service, Lot 95 on Tapeats Dr.	4	Below Grade	05/28/2025	P5	12.3	115.9	96	95	-2 / 2	DPMP		RF
137 /195 9 0	Sanitary Sewer: Service, Lot 94 on Tapeats Dr.	4	Below Grade	05/28/2025	P5	13.0	116.1	96	95	-2 / 2	DPMP		RF
138 /195 0 1	Sanitary Sewer: Service, Lot 97 on Tapeats Dr.	4	Below Grade	05/28/2025	P5	12.3	115.9	96	95	-2 / 2	DPMP		RF



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Soil Density Report

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
138 /195 1 2	Sanitary Sewer: Service, Lot 96 on Tapeats Dr.	4	Below Grade	05/28/2025	P5	12.9	115.5	96	95	-2 / 2	DPMP		RF
138 /195 2 3	Sanitary Sewer: Manhole 11, STA 14 + 40 on Tapeats Dr.	4	Below Grade	05/28/2025	P5	11.9	115.0	95	95	-2 / 2	DPMP		RF
138 /195 3 4	Sanitary Sewer: Manhole 6, STA 17 + 93 on Horn Hill Dr.	10	Below Grade	05/28/2025	P4	9.8	122.1	98	95	-2 / 2	DPMP		RF
138 /195 4 5	Sanitary Sewer: Service, Lot 42 on Horn Hill Dr.	10	Below Grade	05/28/2025	P4	10.1	122.4	98	95	-2 / 2	DPMP		RF
138 /195 5 6	Sanitary Sewer: Service, Lot 41 on Horn Hill Dr.	10	Below Grade	05/28/2025	P4	10.0	122.3	98	95	-2 / 2	DPMP		RF

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 - B	SC	8.2	124.7
P5	ASTM D1557 - A	SM	11.3	120.5
P7	ASTM D698 - A	CL	13.7	111.8

05/30/2025

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
138 /195 6 7	Sanitary Sewer: Service, Lot 41 on Horn Hill Dr.	8	Below Grade	05/29/2025	P4	9.9	118.1	95	95	-2 / 2	DPMP		RF
138 /195 7 8	Sanitary Sewer: Manhole 6, STA 17 + 93 on Horn Hill Dr.	8	Below Grade	05/29/2025	P4	10.2	117.9	95	95	-2 / 2	DPMP		RF
138 /195 8 9	Sanitary Sewer: Service, Lot 42 on Horn Hill Dr.	8	Below Grade	05/29/2025	P4	10.0	118.3	95	95	-2 / 2	DPMP		RF
138 /196 9 0	Sanitary Sewer: Service, Lot 43 on Horn Hill Dr.	10	Below Grade	05/29/2025	P4	10.2	121.8	98	95	-2 / 2	DPMP		RF
139 /196 0 1	Sanitary Sewer: Main, STA 18 + 50 on Horn Hill Dr.	10	Below Grade	05/29/2025	P4	10.1	121.6	98	95	-2 / 2	DPMP		RF
139 /196 1 2	Sanitary Sewer: Main, STA 11 + 50 on Bright Angel Dr.	6	Below Grade	05/29/2025	P7	14.5	108.6	97	95	-1 / 3	DPMP		RF
139 /196 2 3	Sanitary Sewer: Service, Lot 76 on Bright Angel Dr.	4	Below Grade	05/29/2025	P7	14.0	107.2	96	95	-1 / 3	DPMP		RF
139 /196 3 4	Sanitary Sewer: Service, Lot 75 on Bright Angel Dr.	4	Below Grade	05/29/2025	P4	10.1	118.4	95	95	-2 / 2	DPMP		RF
139 /196 4 5	Sanitary Sewer: Service, Lot 88 on Bright Angel Dr.	4	Below Grade	05/29/2025	P4	10.1	119.8	96	95	-2 / 2	DPMP		RF
139 /196 5 6	Sanitary Sewer: Service, Lot 87 on Bright Angel Dr.	4	Below Grade	05/29/2025	P7	14.1	106.9	96	95	-1 / 3	DPMP		RF
139 /196 6 7	Sanitary Sewer: Service, Lot 77 on Bright Angel Dr.	6	Below Grade	05/29/2025	P7	14.3	106.3	95	95	-1 / 3	DPMP		RF
139 /196 7 8	Sanitary Sewer: Service, Lot 86 on Bright Angel Dr.	6	Below Grade	05/29/2025	P7	14.4	106.7	95	95	-1 / 3	DPMP		RF
139 /196 8 9	Sanitary Sewer: Service, Lot 44 on Horn Hill Dr.	10	Below Grade	05/29/2025	P4	10.1	121.6	98	95	-2 / 2	DPMP		RF



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Soil Density Report

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Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
139 /197 9 0	Sanitary Sewer: Main, STA 18 + 50 on Horn Hill Dr.	8	Below Grade	05/29/2025	P4	9.9	118.4	95	95	-2 / 2	DPMP		RF
140 /197 0 1	Sanitary Sewer: Service, Lot 43 on Horn Hill Dr.	8	Below Grade	05/29/2025	P4	10.2	118.3	95	95	-2 / 2	DPMP		RF
140 /197 1 2	Sanitary Sewer: Service, Lot 42 on Horn Hill Dr.	6	Below Grade	05/29/2025	P4	10.1	118.1	95	95	-2 / 2	DPMP		RF
140 /197 2 3	Sanitary Sewer: Service, Lot 41 on Horn Hill Dr.	6	Below Grade	05/29/2025	P4	10.2	117.9	95	95	-2 / 2	DPMP		RF
140 /197 3 4	Sanitary Sewer: Service, Lot 40 on Horn Hill Dr.	4	Below Grade	05/29/2025	P4	9.9	118.4	95	95	-2 / 2	DPMP		RF
140 /197 4 5	Sanitary Sewer: Service, Lot 39 on Horn Hill Dr.	4	Below Grade	05/29/2025	P4	10.2	118.6	95	95	-2 / 2	DPMP		RF
140 /197 5 6	Sanitary Sewer: Main, STA 19 + 50 on Horn Hill Dr.	4	Below Grade	05/29/2025	P4	9.8	118.8	95	95	-2 / 2	DPMP		RF
140 /197 6 7	Sanitary Sewer: Service, Lot 38 on Horn Hill Dr.	4	Below Grade	05/29/2025	P4	10.1	117.8	95	95	-2 / 2	DPMP		RF
140 /197 7 8	Sanitary Sewer: Service, Lot 37 on Horn Hill Dr.	4	Below Grade	05/29/2025	P4	10.0	119.2	96	95	-2 / 2	DPMP		RF
140 /197 8 9	Sanitary Sewer: Service, Lot 87 on Bright Angel Dr.	2	Below Grade	05/29/2025	P7	14.2	107.2	96	95	-1 / 3	DPMP		RF
140 /198 9 0	Sanitary Sewer: Service, Lot 88 on Bright Angel Dr.	2	Below Grade	05/29/2025	P4	9.9	119.2	96	95	-2 / 2	DPMP		RF
141 /198 0 1	Sanitary Sewer: Service, Lot 75 on Bright Angel Dr.	2	Below Grade	05/29/2025	P4	10.1	119.8	96	95	-2 / 2	DPMP		RF
141 /198 1 2	Sanitary Sewer: Service, Lot 76 on Bright Angel Dr.	2	Below Grade	05/29/2025	P7	14.2	107.6	96	95	-1 / 3	DPMP		RF



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Soil Density Report

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
141 /198 2 3	Sanitary Sewer: Main, STA 11 + 50 on Bright Angel Dr.	4	Below Grade	05/29/2025	P7	14.9	106.9	96	95	-1 / 3	DPMP		RF
141 /198 3 4	Sanitary Sewer: Service, Lot 77 on Bright Angel Dr.	4	Below Grade	05/29/2025	P7	13.8	107.2	96	95	-1 / 3	DPMP		RF
141 /198 4 5	Sanitary Sewer: Service, Lot 86 on Bright Angel Dr.	4	Below Grade	05/29/2025	P7	14.3	108.6	97	95	-1 / 3	DPMP		RF
141 /198 5 6	Sanitary Sewer: Service, Lot 44 on Horn Hill Dr.	8	Below Grade	05/29/2025	P4	9.7	117.8	95	95	-2 / 2	DPMP		RF
141 /198 6 7	Sanitary Sewer: Main, STA 18 + 50 on Horn Hill Dr.	6	Below Grade	05/29/2025	P4	10.2	118.6	95	95	-2 / 2	DPMP		RF
141 /198 7 8	Sanitary Sewer: Service, Lot 43 on Horn Hill Dr.	6	Below Grade	05/29/2025	P4	10.0	118.4	95	95	-2 / 2	DPMP		RF
141 /198 8 9	Sanitary Sewer: Service, Lot 95 on Tapeats Dr.	2	Below Grade	05/29/2025	P5	12.5	115.1	96	95	-2 / 2	DPMP		RF
141 /199 9 0	Sanitary Sewer: Service, Lot 96 on Tapeats Dr.	2	Below Grade	05/29/2025	P5	11.9	115.6	96	95	-2 / 2	DPMP		RF
142 /199 0 1	Sanitary Sewer: Service, Lot 97 on Tapeats Dr.	2	Below Grade	05/29/2025	P5	11.7	116.1	96	95	-2 / 2	DPMP		RF
142 /199 1 2	Sanitary Sewer: Service, Lot 94 on Tapeats Dr.	2	Below Grade	05/29/2025	P5	11.8	114.7	95	95	-2 / 2	DPMP		RF
142 /199 2 3	Sanitary Sewer: Main, STA 11 + 50 on Bright Angel Dr.	2	Below Grade	05/30/2025	P7	14.4	107.6	96	95	-1 / 3	DPMP		RF
142 /199 3 4	Sanitary Sewer: Manhole 5, STA 20 + 93 on Horn Hill Dr.	2	Below Grade	05/30/2025	P4	10.1	119.1	96	95	-2 / 2	DPMP		RF
142 /199 4 5	Sanitary Sewer: Manhole 11, STA 14 + 40 on Tapeats Dr.	2	Below Grade	05/30/2025	P5	12.5	115.6	96	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
142 /199 5 6	Sanitary Sewer: Service, Lot 46 on Redwall Dr.	10	Below Grade	05/30/2025	P4	8.9	122.4	98	95	-2 / 2	DPMP		RF
142 /199 6 7	Sanitary Sewer: Manhole 7, STA 14 + 92 on Redwall Dr.	10	Below Grade	05/30/2025	P4	9.9	121.8	98	95	-2 / 2	DPMP		RF
142 /199 7 8	Sanitary Sewer: Service, Lot 45 on Horn Hill Dr.	10	Below Grade	05/30/2025	P4	10.1	122.6	98	95	-2 / 2	DPMP		RF
142 /199 8 9	Sanitary Sewer: Service, Lot 44 on Horn Hill Dr.	6	Below Grade	05/30/2025	P4	9.7	118.4	95	95	-2 / 2	DPMP		RF
142 /200 9 0	Sanitary Sewer: Main, STA 18 + 50 on Horn Hill Dr.	4	Below Grade	05/30/2025	P4	10.2	119.5	96	95	-2 / 2	DPMP		RF
143 /200 0 1	Sanitary Sewer: Service, Lot 43 on Horn Hill Dr.	4	Below Grade	05/30/2025	P4	9.8	118.2	95	95	-2 / 2	DPMP		RF
143 /200 1 2	Sanitary Sewer: Service, Lot 42 on Horn Hill Dr.	4	Below Grade	05/30/2025	P4	9.8	119.2	96	95	-2 / 2	DPMP		RF
143 /200 2 3	Sanitary Sewer: Service, Lot 41 on Horn Hill Dr.	4	Below Grade	05/30/2025	P4	9.6	119.1	96	95	-2 / 2	DPMP		RF
143 /200 3 4	Sanitary Sewer: Service, Lot 40 on Horn Hill Dr.	2	Below Grade	05/30/2025	P4	10.2	118.7	95	95	-2 / 2	DPMP		RF
143 /200 4 5	Sanitary Sewer: Service, Lot 39 on Horn Hill Dr.	2	Below Grade	05/30/2025	P4	9.7	119.3	96	95	-2 / 2	DPMP		RF
143 /200 5 6	Sanitary Sewer: Main, STA 19 + 50 on Horn Hill Dr.	2	Below Grade	05/30/2025	P4	10.0	119.2	96	95	-2 / 2	DPMP		RF
143 /200 6 7	Sanitary Sewer: Service, Lot 38 on Horn Hill Dr.	2	Below Grade	05/30/2025	P4	9.9	119.2	96	95	-2 / 2	DPMP		RF
143 /200 7 8	Sanitary Sewer: Service, Lot 37 on Horn Hill Dr.	2	Below Grade	05/30/2025	P4	9.7	119.1	96	95	-2 / 2	DPMP		RF



Entech Engineering
505 Elkton Dr.
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Phone: 719-531-5599

Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
143 /200 8 9	Sanitary Sewer: Service, Lot 78 on Bright Angel Dr.	10	Below Grade	05/30/2025	P7	13.4	109.2	98	95	-1 / 3	DPMP		RF
143 /201 9 0	Sanitary Sewer: Service, Lot 85 on Bright Angel Dr.	10	Below Grade	05/30/2025	P7	12.8	109.4	98	95	-1 / 3	DPMP		RF
144 /201 0 1	Sanitary Sewer: Service, Lot 86 on Bright Angel Dr.	2	Below Grade	05/30/2025	P7	14.2	106.8	96	95	-1 / 3	DPMP		RF
144 /201 1 2	Sanitary Sewer: Service, Lot 77 on Bright Angel Dr.	2	Below Grade	05/30/2025	P7	13.9	109.9	98	95	-1 / 3	DPMP		RF
144 /201 2 3	Sanitary Sewer: Service, Lot 79 on Bright Angel Dr.	10	Below Grade	05/30/2025	P4	9.6	122.2	98	95	-2 / 2	DPMP		RF
144 /201 3 4	Sanitary Sewer: Service, Lot 84 on Bright Angel Dr.	10	Below Grade	05/30/2025	P4	9.9	121.8	98	95	-2 / 2	DPMP		RF
144 /201 4 5	Sanitary Sewer: Main, STA 13 + 00 on Bright Angel Dr.	10	Below Grade	05/30/2025	P4	9.1	122.5	98	95	-2 / 2	DPMP		RF
144 /201 5 6	Sanitary Sewer: Service, Lot 78 on Bright Angel Dr.	8	Below Grade	06/02/2025	P7	14.4	107.8	96	95	-1 / 3	DPMP		RF
144 /201 6 7	Sanitary Sewer: Service, Lot 85 on Bright Angel Dr.	8	Below Grade	06/02/2025	P7	14.7	107.9	97	95	-1 / 3	DPMP		RF
144 /201 7 8	Sanitary Sewer: Service, Lot 84 on Bright Angel Dr.	8	Below Grade	06/02/2025	P4	9.8	119.6	96	95	-2 / 2	DPMP		RF
144 /201 8 9	Sanitary Sewer: Service, Lot 79 on Bright Angel Dr.	8	Below Grade	06/02/2025	P4	10.0	119.2	96	95	-2 / 2	DPMP		RF
144 /202 9 0	Sanitary Sewer: Main, STA 13 + 00 on Bright Angel Dr.	8	Below Grade	06/02/2025	P4	9.8	120.1	96	95	-2 / 2	DPMP		RF
145 /202 0 1	Sanitary Sewer: Service, Lot 83 on Bright Angel Dr.	10	Below Grade	06/02/2025	P4	9.1	121.9	98	95	-2 / 2	DPMP		RF



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Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
145 /202 1 2	Sanitary Sewer: Service, Lot 85 on Bright Angel Dr.	6	Below Grade	06/02/2025	P7	15.1	107.8	96	95	-1 / 3	DPMP		RF
145 /202 2 3	Sanitary Sewer: Service, Lot 78 on Bright Angel Dr.	6	Below Grade	06/02/2025	P7	15.2	107.4	96	95	-1 / 3	DPMP		RF

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 - B	SC	8.2	124.7
P7	ASTM D698 - A	CL	13.7	111.8
P5	ASTM D1557 - A	SM	11.3	120.5

06/05/2025

Reviewed by: Joey Goode, PE



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Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
145 /202 3 4	Sanitary Sewer: Service, Lot 80 on Bright Angel Dr.	10	Below Grade	06/03/2025	P4	9.9	122.5	98	95	-2 / 2	DPMP		RF
145 /202 4 5	Sanitary Sewer: Service, Lot 83 on Bright Angel Dr.	8	Below Grade	06/03/2025	P4	9.4	118.6	95	95	-2 / 2	DPMP		RF
145 /202 5 6	Sanitary Sewer: Main, STA 13 + 00 on Bright Angel Dr.	6	Below Grade	06/03/2025	P4	10.1	117.8	95	95	-2 / 2	DPMP		RF
145 /202 6 7	Sanitary Sewer: Service, Lot 84 on Bright Angel Dr.	6	Below Grade	06/03/2025	P4	10.0	118.1	95	95	-2 / 2	DPMP		RF
145 /202 7 8	Sanitary Sewer: Service, Lot 79 on Bright Angel Dr.	6	Below Grade	06/03/2025	P4	10.2	117.9	95	95	-2 / 2	DPMP		RF
145 /202 8 9	Sanitary Sewer: Service, Lot 81 on Bright Angel Dr.	10	Below Grade	06/03/2025	P4	9.8	122.4	98	95	-2 / 2	DPMP		RF
145 /203 9 0	Sanitary Sewer: Service, Lot 82 on Bright Angel Dr.	10	Below Grade	06/03/2025	P4	10.1	121.9	98	95	-2 / 2	DPMP		RF
146 /203 0 1	Sanitary Sewer: Manhole 10, STA 14 + 40 on Bright Angel Dr.	10	Below Grade	06/03/2025	P4	9.8	122.1	98	95	-2 / 2	DPMP		RF
146 /203 1 2	Sanitary Sewer: Service, Lot 80 on Bright Angel Dr.	8	Below Grade	06/04/2025	P4	10.1	118.5	95	95	-2 / 2	DPMP		RF
146 /203 2 3	Sanitary Sewer: Service, Lot 79 on Bright Angel Dr.	4	Below Grade	06/04/2025	P4	10.1	118.6	95	95	-2 / 2	DPMP		RF
146 /203 3 4	Sanitary Sewer: Main, STA 13 + 00 on Bright Angel Dr.	4	Below Grade	06/04/2025	P4	10.1	118.3	95	95	-2 / 2	DPMP		RF
146 /203 4 5	Sanitary Sewer: Service, Lot 84 on Bright Angel Dr.	4	Below Grade	06/04/2025	P4	9.9	118.6	95	95	-2 / 2	DPMP		RF
146 /203 5 6	Sanitary Sewer: Service, Lot 85 on Bright Angel Dr.	4	Below Grade	06/04/2025	P7	12.9	106.8	96	95	-1 / 3	DPMP		RF



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Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
146 /203 6 7	Sanitary Sewer: Service, Lot 78 on Bright Angel Dr.	4	Below Grade	06/04/2025	P7	13.2	105.8	95	95	-1 / 3	DPMP		RF
146 /203 7 8	Sanitary Sewer: Service, Lot 78 on Bright Angel Dr.	2	Below Grade	06/05/2025	P7	12.9	107.2	96	95	-1 / 3	DPMP		RF
146 /203 8 9	Sanitary Sewer: Service, Lot 85 on Bright Angel Dr.	2	Below Grade	06/05/2025	P7	13.1	107.1	96	95	-1 / 3	DPMP		RF
146 /204 9 0	Sanitary Sewer: Main, STA 13 + 00 on Bright Angel Dr.	2	Below Grade	06/05/2025	P4	10.1	120.9	97	95	-2 / 2	DPMP		RF
147 /204 0 1	Sanitary Sewer: Service, Lot 84 on Bright Angel Dr.	2	Below Grade	06/05/2025	P4	10.2	119.5	96	95	-2 / 2	DPMP		RF
147 /204 1 2	Sanitary Sewer: Service, Lot 79 on Bright Angel Dr.	2	Below Grade	06/05/2025	P4	9.8	118.3	95	95	-2 / 2	DPMP		RF
147 /204 2 3	Sanitary Sewer: Service, Lot 80 on Bright Angel Dr.	6	Below Grade	06/05/2025	P4	10.2	119.1	96	95	-2 / 2	DPMP		RF
147 /204 3 4	Sanitary Sewer: Service, Lot 83 on Bright Angel Dr.	6	Below Grade	06/05/2025	P4	9.7	118.9	95	95	-2 / 2	DPMP		RF
147 /204 4 5	Sanitary Sewer: Service, Lot 81 on Bright Angel Dr.	8	Below Grade	06/05/2025	P4	10.1	119.3	96	95	-2 / 2	DPMP		RF
147 /204 5 6	Sanitary Sewer: Service, Lot 82 on Bright Angel Dr.	8	Below Grade	06/05/2025	P4	10.2	119.4	96	95	-2 / 2	DPMP		RF
147 /204 6 7	Sanitary Sewer: Manhole 10, STA 14 + 40 on Bright Angel Dr.	8	Below Grade	06/05/2025	P4	10.2	120.2	96	95	-2 / 2	DPMP		RF
147 /204 7 8	Sanitary Sewer: Service, Lot 61 on Temple Butte Dr.	10	Below Grade	06/05/2025	P4	10.2	122.7	98	95	-2 / 2	DPMP		RF
147 /204 8 9	Sanitary Sewer: Service, Lot 74 on Temple Butte Dr.	10	Below Grade	06/05/2025	P4	10.0	122.6	98	95	-2 / 2	DPMP		RF



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Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
147 /205 9 0	Sanitary Sewer: Service, Lot 82 on Bright Angel Dr.	6	Below Grade	06/06/2025	P4	10.2	119.4	96	95	-2 / 2	DPMP		RF
148 /205 0 1	Sanitary Sewer: Manhole 10, STA 14 + 40 on Bright Angel Dr.	6	Below Grade	06/06/2025	P4	10.1	119.3	96	95	-2 / 2	DPMP		RF
148 /205 1 2	Sanitary Sewer: Service, Lot 81 on Bright Angel Dr.	6	Below Grade	06/06/2025	P4	10.2	120.1	96	95	-2 / 2	DPMP		RF
148 /205 2 3	Sanitary Sewer: Service, Lot 73 on Temple Butte Dr.	10	Below Grade	06/06/2025	P4	10.1	122.2	98	95	-2 / 2	DPMP		RF
148 /205 3 4	Sanitary Sewer: Service, Lot 62 on Temple Butte Dr.	10	Below Grade	06/06/2025	P4	10.0	121.9	98	95	-2 / 2	DPMP		RF
148 /205 4 5	Sanitary Sewer: Main, STA 11 + 50 on Temple Butte Dr.	10	Below Grade	06/06/2025	P4	10.2	121.7	98	95	-2 / 2	DPMP		RF
148 /205 5 6	Sanitary Sewer: Service, Lot 83 on Bright Angel Dr.	4	Below Grade	06/06/2025	P4	10.1	119.5	96	95	-2 / 2	DPMP		RF
148 /205 6 7	Sanitary Sewer: Manhole 6, STA 17 + 93 on Horn Hill Dr.	6	Below Grade	06/06/2025	P4	9.8	119.4	96	95	-2 / 2	DPMP		RF
148 /205 7 8	Sanitary Sewer: Service, Lot 61 on Temple Butte Dr.	8	Below Grade	06/06/2025	P4	10.2	119.9	96	95	-2 / 2	DPMP		RF
148 /205 8 9	Sanitary Sewer: Service, Lot 74 on Temple Butte Dr.	8	Below Grade	06/06/2025	P4	10.2	119.4	96	95	-2 / 2	DPMP		RF
148 /206 9 0	Sanitary Sewer: Service, Lot 73 on Temple Butte Dr.	8	Below Grade	06/06/2025	P4	10.1	119.7	96	95	-2 / 2	DPMP		RF
149 /206 0 1	Sanitary Sewer: Service, Lot 62 on Temple Butte Dr.	8	Below Grade	06/06/2025	P4	9.8	120.7	97	95	-2 / 2	DPMP		RF
149 /206 1 2	Sanitary Sewer: Main, STA 11 + 50 on Temple Butte Dr.	8	Below Grade	06/06/2025	P4	9.9	119.2	96	95	-2 / 2	DPMP		RF



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Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
149 /206 2 3	Sanitary Sewer: Service, Lot 45 on Horn Hill Dr.	8	Below Grade	06/06/2025	P4	10.1	119.3	96	95	-2 / 2	DPMP		RF
149 /206 3 4	Sanitary Sewer: Service, Lot 46 on Redwall Dr.	8	Below Grade	06/06/2025	P4	10.1	119.8	96	95	-2 / 2	DPMP		RF
149 /206 4 5	Sanitary Sewer: Manhole 7, STA 14 + 92 on Redwall Dr.	8	Below Grade	06/06/2025	P4	10.2	119.3	96	95	-2 / 2	DPMP		RF
149 /206 5 6	Sanitary Sewer: Service, Lot 63 on Temple Butte Dr.	10	Below Grade	06/06/2025	P4	10.1	122.4	98	95	-2 / 2	DPMP		RF
149 /206 6 7	Sanitary Sewer: Service, Lot 72 on Temple Butte Dr.	10	Below Grade	06/06/2025	P4	10.0	121.8	98	95	-2 / 2	DPMP		RF

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 - B	SC	8.2	124.7
P7	ASTM D698 - A	CL	13.7	111.8

06/13/2025

Reviewed by: Joey Goode, PE



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Soil Density Report

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
149 /206 7 8	Sanitary Sewer: Service, Lot 83 on Bright Angel Dr.	2	Below Grade	06/09/2025	P4	9.8	119.2	96	95	-2 / 2	DPMP		RF
149 /206 8 9	Sanitary Sewer: Service, Lot 81 on Bright Angel Dr.	4	Below Grade	06/09/2025	P4	10.1	119.3	96	95	-2 / 2	DPMP		RF
149 /207 9 0	Sanitary Sewer: Service, Lot 82 on Bright Angel Dr.	4	Below Grade	06/09/2025	P4	9.9	118.7	95	95	-2 / 2	DPMP		RF
17 /207 1	Storm Water: Manhole J-15, STA 27 + 75 on Shelter Creek Dr.	4	Below Grade	06/09/2025	P2	11.2	115.4	96	95	-2 / 2	DPMP		RF
18 /207 2	Storm Water: Manhole J-15, STA 27 + 75 on Shelter Creek Dr.	2	Below Grade	06/09/2025	P2	10.9	114.8	96	95	-2 / 2	DPMP		RF
150 /207 0 3	Sanitary Sewer: Service, Lot 64 on Temple Butte Dr.	10	Below Grade	06/10/2025	P4	9.8	121.7	98	95	-2 / 2	DPMP		RF
150 /207 1 4	Sanitary Sewer: Service, Lot 71 on Temple Butte Dr.	10	Below Grade	06/10/2025	P4	10.1	121.6	98	95	-2 / 2	DPMP		RF
150 /207 2 5	Sanitary Sewer: Service, Lot 72 on Temple Butte Dr.	8	Below Grade	06/10/2025	P4	9.5	118.6	95	95	-2 / 2	DPMP		RF
150 /207 3 6	Sanitary Sewer: Service, Lot 63 on Temple Butte Dr.	8	Below Grade	06/10/2025	P4	9.8	118.1	95	95	-2 / 2	DPMP		RF
150 /207 4 7	Sanitary Sewer: Main, STA 11 + 50 on Temple Butte Dr.	6	Below Grade	06/10/2025	P4	9.7	119.2	96	95	-2 / 2	DPMP		RF
150 /207 5 8	Sanitary Sewer: Service, Lot 62 on Temple Butte Dr.	6	Below Grade	06/10/2025	P4	10.2	118.7	95	95	-2 / 2	DPMP		RF
150 /207 6 9	Sanitary Sewer: Service, Lot 73 on Temple Butte Dr.	6	Below Grade	06/10/2025	P4	9.7	119.1	96	95	-2 / 2	DPMP		RF
150 /208 7 0	Sanitary Sewer: Service, Lot 74 on Temple Butte Dr.	6	Below Grade	06/10/2025	P4	10.0	119.3	96	95	-2 / 2	DPMP		RF
150 /208 8 1	Sanitary Sewer: Service, Lot 61 on Temple Butte Dr.	6	Below Grade	06/10/2025	P4	10.1	118.7	95	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
150 /208 9 2	Sanitary Sewer: Service, Lot 81 on Bright Angel Dr.	2	Below Grade	06/10/2025	P4	9.8	119.2	96	95	-2 / 2	DPMP		RF
151 /208 0 3	Sanitary Sewer: Service, Lot 82 on Bright Angel Dr.	2	Below Grade	06/10/2025	P4	9.4	118.6	95	95	-2 / 2	DPMP		RF
151 /208 1 4	Sanitary Sewer: Manhole 10, STA 14+ 40 on Bright Angel Dr.	4	Below Grade	06/10/2025	P4	9.6	119.6	96	95	-2 / 2	DPMP		RF
151 /208 2 5	Sanitary Sewer: Service, Lot 80 on Bright Angel Dr.	4	Below Grade	06/10/2025	P4	9.4	119.2	96	95	-2 / 2	DPMP		RF
151 /208 3 6	Sanitary Sewer: Service, Lot 79 on Bright Angel Dr.	-	At Grade	06/10/2025	P4	9.1	118.7	95	95	-2 / 2	DPMP		RF
151 /208 4 7	Sanitary Sewer: Service, Lot 78 on Bright Angel Dr.	-	At Grade	06/10/2025	P7	12.9	106.2	95	95	-1 / 3	DPMP		RF
151 /208 5 8	Sanitary Sewer: Service, Lot 77 on Bright Angel Dr.	-	At Grade	06/10/2025	P7	12.9	106.4	95	95	-1 / 3	DPMP		RF
151 /208 6 9	Sanitary Sewer: Service, Lot 76 on Bright Angel Dr.	-	At Grade	06/10/2025	P7	13.2	107.3	96	95	-1 / 3	DPMP		RF
151 /209 7 0	Sanitary Sewer: Service, Lot 75 on Bright Angel Dr.	-	At Grade	06/10/2025	P4	9.4	118.8	95	95	-2 / 2	DPMP		RF
151 /209 8 1	Sanitary Sewer: Service, Lot 88 on Bright Angel Dr.	-	At Grade	06/10/2025	P4	9.4	118.6	95	95	-2 / 2	DPMP		RF
151 /209 9 2	Sanitary Sewer: Service, Lot 87 on Bright Angel Dr.	-	At Grade	06/10/2025	P7	13.1	106.8	96	95	-1 / 3	DPMP		RF
152 /209 0 3	Sanitary Sewer: Main, STA 11 + 50 on Bright Angel Dr.	-	At Grade	06/10/2025	P7	13.4	107.2	96	95	-1 / 3	DPMP		RF
152 /209 1 4	Sanitary Sewer: Service, Lot 86 on Bright Angel Dr.	-	At Grade	06/10/2025	P7	13.8	107.6	96	95	-1 / 3	DPMP		RF
152 /209 2 5	Sanitary Sewer: Service, Lot 85 on Bright Angel Dr.	-	At Grade	06/10/2025	P7	13.2	108.1	97	95	-1 / 3	DPMP		RF



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Soil Density Report

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
152 /209 3 6	Sanitary Sewer: Service, Lot 84 on Bright Angel Dr.	-	At Grade	06/10/2025	P4	9.9	118.3	95	95	-2 / 2	DPMP		RF
152 /209 4 7	Sanitary Sewer: Main, STA 13 + 00 on Bright Angel Dr.	-	At Grade	06/10/2025	P4	9.4	119.7	96	95	-2 / 2	DPMP		RF
152 /209 5 8	Sanitary Sewer: Service, Lot 83 on Bright Angel Dr.	-	At Grade	06/10/2025	P4	10.1	119.2	96	95	-2 / 2	DPMP		RF
152 /209 6 9	Sanitary Sewer: Manhole 10, STA 14 + 40 on Bright Angel Dr.	2	At Grade	06/10/2025	P4	10.1	119.9	96	95	-2 / 2	DPMP		RF
152 /210 7 0	Sanitary Sewer: Service, Lot 80 on Bright Angel Dr.	2	Below Grade	06/10/2025	P4	9.8	118.5	95	95	-2 / 2	DPMP		RF
152 /210 8 1	Sanitary Sewer: Service, Lot 32 on Horn Hill Dr.	2	Below Grade	06/10/2025	P4	9.2	119.7	96	95	-2 / 2	DPMP		RF
152 /210 9 2	Sanitary Sewer: Service, Lot 35 on Horn Hill Dr.	2	Below Grade	06/10/2025	P4	9.6	119.5	96	95	-2 / 2	DPMP		RF
153 /210 0 3	Sanitary Sewer: Service, Lot 36 on Horn Hill Dr.	2	Below Grade	06/10/2025	P4	9.8	118.8	95	95	-2 / 2	DPMP		RF
153 /210 1 4	Sanitary Sewer: Service, Lot 72 on Temple Butte Dr.	6	Below Grade	06/10/2025	P4	9.7	118.3	95	95	-2 / 2	DPMP		RF
153 /210 2 5	Sanitary Sewer: Service, Lot 63 on Temple Butte Dr.	6	Below Grade	06/10/2025	P4	9.6	119.0	95	95	-2 / 2	DPMP		RF
153 /210 3 6	Sanitary Sewer: Main, STA 11 + 50 on Temple Butte Dr.	4	Below Grade	06/10/2025	P4	10.1	120.2	96	95	-2 / 2	DPMP		RF
153 /210 4 7	Sanitary Sewer: Service, Lot 73 on Temple Butte Dr.	4	Below Grade	06/10/2025	P4	9.3	118.8	95	95	-2 / 2	DPMP		RF
153 /210 5 8	Sanitary Sewer: Service, Lot 62 on Temple Butte Dr.	4	Below Grade	06/10/2025	P4	10.2	119.5	96	95	-2 / 2	DPMP		RF
153 /210 6 9	Sanitary Sewer: Service, Lot 61 on Temple Butte Dr.	4	Below Grade	06/10/2025	P4	9.9	119.4	96	95	-2 / 2	DPMP		RF



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

Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
153 $\frac{211}{70}$	Sanitary Sewer: Service, Lot 74 on Temple Butte Dr.	4	Below Grade	06/10/2025	P4	10.1	118.6	95	95	-2 / 2	DPMP		RF
153 $\frac{211}{81}$	Sanitary Sewer: Main, STA 13 + 00 on Temple Butte Dr.	10	Below Grade	06/10/2025	P4	9.9	122.7	98	95	-2 / 2	DPMP		RF
153 $\frac{211}{92}$	Sanitary Sewer: Service, Lot 70 on Temple Butte Dr.	10	Below Grade	06/10/2025	P4	9.6	122.3	98	95	-2 / 2	DPMP		RF
154 $\frac{211}{03}$	Sanitary Sewer: Service, Lot 65 on Temple Butte Dr.	10	Below Grade	06/10/2025	P4	9.8	120.7	97	95	-2 / 2	DPMP		RF
154 $\frac{211}{14}$	Sanitary Sewer: Service, Lot 64 on Temple Butte Dr.	8	Below Grade	06/10/2025	P4	9.5	119.2	96	95	-2 / 2	DPMP		RF
154 $\frac{211}{25}$	Sanitary Sewer: Service, Lot 71 on Temple Butte Dr.	8	Below Grade	06/10/2025	P4	9.7	118.6	95	95	-2 / 2	DPMP		RF
19 $\frac{211}{6}$	Storm Water: Manhole J-15, STA 27 + 75 on Shelter Creek Dr.	-	At Grade	06/10/2025	P2	10.6	115.2	96	95	-2 / 2	DPMP		RF
20 $\frac{211}{7}$	Storm Water: Manhole J-14, STA 30 + 99 on Shelter Creek Dr.	4	Below Grade	06/11/2025	P3	9.3	120.5	96	95	-2 / 2	DPMP		RF
21 $\frac{211}{8}$	Storm Water: Manhole J-14, STA 30 + 99 on Shelter Creek Dr.	2	Below Grade	06/11/2025	P3	9.1	119.8	95	95	-2 / 2	DPMP		RF
154 $\frac{211}{39}$	Sanitary Sewer: Service, Lot 66 on Temple Butte Dr.	10	Below Grade	06/11/2025	P4	9.7	121.8	98	95	-2 / 2	DPMP		RF
154 $\frac{212}{40}$	Sanitary Sewer: Service, Lot 69 on Temple Butte Dr.	10	Below Grade	06/11/2025	P4	9.4	122.1	98	95	-2 / 2	DPMP		RF
22 $\frac{212}{1}$	Storm Water: Manhole J-13, STA 33 + 99 on Shelter Creek Dr.	4	Below Grade	06/11/2025	P3	9.3	119.6	95	95	-2 / 2	DPMP		RF
23 $\frac{212}{2}$	Storm Water: Manhole J-13, STA 33 + 99 on Shelter Creek Dr.	2	Below Grade	06/11/2025	P3	9.4	119.7	95	95	-2 / 2	DPMP		RF
154 $\frac{212}{53}$	Sanitary Sewer: Service, Lot 95 on Tapeats Dr.	-	At Grade	06/11/2025	P5	9.8	115.2	96	95	-2 / 2	DPMP		RF
154 $\frac{212}{64}$	Sanitary Sewer: Service, Lot 94 on Tapeats Dr.	-	At Grade	06/11/2025	P5	10.1	115.9	96	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
154 $\frac{212}{75}$	Sanitary Sewer: Service, Lot 93 on Tapeats Dr.	-	At Grade	06/11/2025	P5	9.7	116.7	97	95	-2 / 2	DPMP		RF
154 $\frac{212}{86}$	Sanitary Sewer: Service, Lot 92 on Tapeats Dr.	-	At Grade	06/11/2025	P5	9.9	115.5	96	95	-2 / 2	DPMP		RF
154 $\frac{212}{97}$	Sanitary Sewer: Service, Lot 91 on Tapeats Dr.	-	At Grade	06/11/2025	P5	10.3	116.1	96	95	-2 / 2	DPMP		RF
155 $\frac{212}{08}$	Sanitary Sewer: Service, Lot 90 on Tapeats Dr.	-	At Grade	06/11/2025	P5	9.7	115.8	96	95	-2 / 2	DPMP		RF
155 $\frac{212}{19}$	Sanitary Sewer: Service, Lot 89 on Tapeats Dr.	-	At Grade	06/11/2025	P5	9.6	116.2	96	95	-2 / 2	DPMP		RF
155 $\frac{213}{20}$	Sanitary Sewer: Service, Lot 102 on Tapeats Dr.	-	At Grade	06/11/2025	P5	9.8	116.1	96	95	-2 / 2	DPMP		RF
155 $\frac{213}{31}$	Sanitary Sewer: Service, Lot 101 on Tapeats Dr.	-	At Grade	06/11/2025	P5	9.3	116.6	97	95	-2 / 2	DPMP		RF
155 $\frac{213}{42}$	Sanitary Sewer: Main, STA 11 + 50 on Tapeats Dr.	-	At Grade	06/11/2025	P5	9.4	116.3	97	95	-2 / 2	DPMP		RF
155 $\frac{213}{53}$	Sanitary Sewer: Service, Lot 100 on Tapeats Dr.	-	At Grade	06/11/2025	P5	9.7	115.8	96	95	-2 / 2	DPMP		RF
155 $\frac{213}{64}$	Sanitary Sewer: Service, Lot 99 on Tapeats Dr.	-	At Grade	06/11/2025	P5	9.6	115.3	96	95	-2 / 2	DPMP		RF
155 $\frac{213}{75}$	Sanitary Sewer: Main, STA 13 + 00 on Tapeats Dr.	-	At Grade	06/11/2025	P5	9.6	114.8	95	95	-2 / 2	DPMP		RF
155 $\frac{213}{86}$	Sanitary Sewer: Service, Lot 98 on Tapeats Dr.	-	At Grade	06/11/2025	P5	9.7	115.1	96	95	-2 / 2	DPMP		RF
155 $\frac{213}{97}$	Sanitary Sewer: Service, Lot 97 on Tapeats Dr.	-	At Grade	06/11/2025	P5	9.4	116.5	97	95	-2 / 2	DPMP		RF
156 $\frac{213}{08}$	Sanitary Sewer: Service, Lot 96 on Tapeats Dr.	-	At Grade	06/11/2025	P5	9.3	116.7	97	95	-2 / 2	DPMP		RF



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Soil Density Report

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
156 /213 1 9	Sanitary Sewer: Manhole 11, STA 14 + 40 on Tapeats Dr.	-	At Grade	06/11/2025	P5	9.6	116.8	97	95	-2 / 2	DPMP		RF
156 /214 2 0	Sanitary Sewer: Manhole 10, STA 14 + 40 on Bright Angel Dr.	-	At Grade	06/11/2025	P4	10.0	119.9	96	95	-2 / 2	DPMP		RF
156 /214 3 1	Sanitary Sewer: Service, Lot 81 on Bright Angel Dr.	-	At Grade	06/11/2025	P4	9.8	119.6	96	95	-2 / 2	DPMP		RF
156 /214 4 2	Sanitary Sewer: Service, Lot 80 on Bright Angel Dr.	-	At Grade	06/11/2025	P4	9.7	120.1	96	95	-2 / 2	DPMP		RF
156 /214 5 3	Sanitary Sewer: Service, Lot 82 on Bright Angel Dr.	-	At Grade	06/11/2025	P4	9.4	118.7	95	95	-2 / 2	DPMP		RF
24 /214 4	Storm Water: Manhole J-14, STA 30 + 99 on Shelter Creek Dr.	-	At Grade	06/11/2025	P3	9.2	120.1	96	95	-2 / 2	DPMP		RF
156 /214 6 5	Sanitary Sewer: Service, Lot 66 on Temple Butte Dr.	8	Below Grade	06/11/2025	P4	9.6	118.9	95	95	-2 / 2	DPMP		RF
156 /214 7 6	Sanitary Sewer: Service, Lot 69 on Temple Butte Dr.	8	Below Grade	06/11/2025	P4	9.3	119.6	96	95	-2 / 2	DPMP		RF
156 /214 8 7	Sanitary Sewer: Service, Lot 70 on Temple Butte Dr.	8	Below Grade	06/11/2025	P4	9.2	118.9	95	95	-2 / 2	DPMP		RF
156 /214 9 8	Sanitary Sewer: Service, Lot 65 on Temple Butte Dr.	8	Below Grade	06/11/2025	P4	9.1	119.3	96	95	-2 / 2	DPMP		RF
157 /214 0 9	Sanitary Sewer: Main, STA 13 + 00 on Temple Butte Dr.	8	Below Grade	06/11/2025	P4	9.5	120.1	96	95	-2 / 2	DPMP		RF
157 /215 1 0	Sanitary Sewer: Service, Lot 64 on Temple Butte Dr.	6	Below Grade	06/11/2025	P4	8.9	119.4	96	95	-2 / 2	DPMP		RF
157 /215 2 1	Sanitary Sewer: Service, Lot 71 on Temple Butte Dr.	6	Below Grade	06/11/2025	P4	9.7	120.2	96	95	-2 / 2	DPMP		RF

Remarks

DP/MP : Density Pass / Moisture Pass

Comments

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



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Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, CO

Proctor Data

Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)
P4	ASTM D1557 - B	SC	8.2	124.7
P2	ASTM D1557 - A	ML	10.1	120.1
P7	ASTM D698 - A	CL	13.7	111.8
P3	ASTM D1557 - B	SW	7.5	125.8
P5	ASTM D1557 - A	SM	11.3	120.5

06/19/2025

Reviewed by: Joey Goode, PE



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
25 / 215 2	Storm Water: Manhole J-13, STA 33 + 99 on Shelter Creek Dr.	-	At Grade	06/12/2025	P3	9.2	120.7	96	95	-2 / 2	DPMP		RF
26 / 215 3	Storm Water: Inlet 11 on the lot side, STA 78 + 69 on Sunrise Ridge Dr.	4	Below Grade	06/12/2025	P2	11.6	115.4	96	95	-2 / 2	DPMP		RF
27 / 215 4	Storm Water: Inlet 11 on the street side, STA 78 + 69 on Sunrise Ridge Dr.	4	Below Grade	06/12/2025	P2	11.5	114.9	96	95	-2 / 2	DPMP		RF
28 / 215 5	Storm Water: Inlet 11 on the northeast corner, STA 78 + 69 on Sunrise Ridge Dr.	2	Below Grade	06/12/2025	P2	11.9	115.8	96	95	-2 / 2	DPMP		RF
29 / 215 6	Storm Water: Inlet 11 on the street side, STA 78 + 69 on Sunrise Ridge Dr.	2	Below Grade	06/12/2025	P2	10.7	114.2	95	95	-2 / 2	DPMP		RF
30 / 215 7	Storm Water: Inlet 12 on the street side, STA 19 + 60 on Crystal Falls Dr.	4	Below Grade	06/12/2025	P3	9.3	121.0	96	95	-2 / 2	DPMP		RF
31 / 215 8	Storm Water: Inlet 12 on the lot side, STA 19 + 60 on Crystal Falls Dr.	4	Below Grade	06/12/2025	P3	9.4	119.9	95	95	-2 / 2	DPMP		RF
157 / 215 3 9	Sanitary Sewer: Main, STA 13 + 00 on Temple Butte Dr.	6	Below Grade	06/12/2025	P4	8.9	118.5	95	95	-2 / 2	DPMP		RF
157 / 216 4 0	Sanitary Sewer: Service, Lot 65 on Temple Butte Dr.	6	Below Grade	06/12/2025	P4	9.7	119.3	96	95	-2 / 2	DPMP		RF
157 / 216 5 1	Sanitary Sewer: Service, Lot 70 on Temple Butte Dr.	6	Below Grade	06/12/2025	P4	9.0	119.3	96	95	-2 / 2	DPMP		RF
157 / 216 6 2	Sanitary Sewer: Service, Lot 69 on Temple Butte Dr.	6	Below Grade	06/12/2025	P4	9.1	119.6	96	95	-2 / 2	DPMP		RF
157 / 216 7 3	Sanitary Sewer: Service, Lot 66 on Temple Butte Dr.	6	Below Grade	06/12/2025	P4	9.4	119.1	96	95	-2 / 2	DPMP		RF
157 / 216 8 4	Sanitary Sewer: Service, Lot 68 on Temple Butte Dr.	10	Below Grade	06/12/2025	P4	8.7	121.8	98	95	-2 / 2	DPMP		RF
157 / 216 9 5	Sanitary Sewer: Service, Lot 67 on Temple Butte Dr.	10	Below Grade	06/12/2025	P4	9.5	121.7	98	95	-2 / 2	DPMP		RF



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Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
158 / 216 0 6	Sanitary Sewer: Manhole 9, STA 14 + 40 on Temple Butte Dr.	10	Below Grade	06/12/2025	P4	9.2	121.8	98	95	-2 / 2	DPMP		RF
32 / 216 7	Storm Water: Inlet 12 on the street side, STA 19 + 60 on Crystal Falls Dr.	2	Below Grade	06/12/2025	P3	9.2	120.4	96	95	-2 / 2	DPMP		RF
33 / 216 8	Storm Water: Inlet 12 on the lot side, STA 19 + 60 on Crystal Falls Dr.	2	Below Grade	06/12/2025	P3	9.5	120.5	96	95	-2 / 2	DPMP		RF
34 / 216 9	Storm Water: Inlet 13 on the lot side, STA 24 + 16 on House Rock Dr.	4	Below Grade	06/12/2025	P1	10.3	122.4	96	95	-2 / 2	DPMP		RF
35 / 217 0	Storm Water: Inlet 13 on the street side, STA 24 + 16 on House Rock Dr.	4	Below Grade	06/12/2025	P1	10.2	121.9	96	95	-2 / 2	DPMP		RF
36 / 217 1	Storm Water: Inlet 13 on the street side, STA 24 + 16 on House Rock Dr.	2	Below Grade	06/12/2025	P1	10.2	121.3	95	95	-2 / 2	DPMP		RF
37 / 217 2	Storm Water: Inlet 13 on the lot side, STA 24 + 16 on House Rock Dr.	2	Below Grade	06/12/2025	P1	10.2	122.5	96	95	-2 / 2	DPMP		RF
548 / 217 3	Water: Service, Lot 126 on Sunrise Ridge Dr.	4	Below Grade	06/12/2025	P2	9.0	121.7	101	95	-2 / 2	DPMP		RF
549 / 217 4	Water: Service, Lot 189 on Crystal Falls Dr.	4	Below Grade	06/12/2025	P3	9.3	119.8	95	95	-2 / 2	DPMP		RF
550 / 217 5	Water: Service, Lot 224 on House Rock Dr.	4	Below Grade	06/12/2025	P1	9.7	122.2	96	95	-2 / 2	DPMP		RF
158 / 217 1 6	Sanitary Sewer: Service, Lot 48 on Redwall Dr.	10	Below Grade	06/12/2025	P2	10.7	117.1	98	95	-2 / 2	DPMP		RF
158 / 217 2 7	Sanitary Sewer: Service, Lot 60 on Redwall Dr.	10	Below Grade	06/12/2025	P2	11.2	117.4	98	95	-2 / 2	DPMP		RF
158 / 217 3 8	Sanitary Sewer: Service, Lot 47 on Redwall Dr.	10	Below Grade	06/12/2025	P2	11.3	117.8	98	95	-2 / 2	DPMP		RF
158 / 217 4 9	Sanitary Sewer: Service, Lot 45 on Horn Hill Dr.	6	Below Grade	06/12/2025	P4	9.7	118.6	95	95	-2 / 2	DPMP		RF
551 / 218 0	Water: Service, Lot 126 on Sunrise Ridge Dr.	2	Below Grade	06/12/2025	P2	10.8	115.2	96	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
552 / 218 1	Water: Service, Lot 189 on Crystal Falls Dr.	2	Below Grade	06/12/2025	P3	9.2	120.8	96	95	-2 / 2	DPMP		RF
553 / 218 2	Water: Service, Lot 224 on House Rock Dr.	2	Below Grade	06/12/2025	P1	8.8	120.6	95	95	-2 / 2	DPMP		RF
158 / 218 5 3	Sanitary Sewer: Service, Lot 72 on Temple Butte Dr.	4	Below Grade	06/13/2025	P4	9.4	117.8	95	95	-2 / 2	DPMP		RF
158 / 218 6 4	Sanitary Sewer: Service, Lot 63 on Temple Butte Dr.	4	Below Grade	06/13/2025	P4	9.4	118.2	95	95	-2 / 2	DPMP		RF
158 / 218 7 5	Sanitary Sewer: Service, Lot 64 on Temple Butte Dr.	4	Below Grade	06/13/2025	P4	9.8	118.8	95	95	-2 / 2	DPMP		RF
158 / 218 8 6	Sanitary Sewer: Service, Lot 71 on Temple Butte Dr.	4	Below Grade	06/13/2025	P4	9.9	119.4	96	95	-2 / 2	DPMP		RF

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 D1557 - B	SW	7.5	125.8
P2	ASTM D1557 - A	ML	10.1	120.1
P4	ASTM D1557 - B	SC	8.2	124.7
P1	ASTM D1557 - B	SC	8.5	127.5

06/20/2025

Reviewed by: Joey Goode, PE



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Meridian Ranch - Rolling Hills Ranch North F1
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Peyton, 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
159 / 218 9 7	Sanitary Sewer: Service, Lot 65 on Temple Butte Dr.	4	Below Grade	06/16/2025	P4	8.9	121.9	98	95	-2 / 2	DPMP		LM
159 / 218 0 8	Sanitary Sewer: Service, Lot 66 on Temple Butte Dr.	4	Below Grade	06/16/2025	P4	7.6	122.5	98	95	-2 / 2	DPMP		LM
159 / 218 1 9	Sanitary Sewer: Service, Lot 68 on Temple Butte Dr.	8	Below Grade	06/16/2025	P4	6.9	122.9	99	95	-2 / 2	DPMP		LM
159 / 219 2 0	Sanitary Sewer: Service, Lot 68 on Temple Butte Dr.	8	Below Grade	06/16/2025	P4	6.9	122.9	99	95	-2 / 2	DPMP		LM
159 / 219 3 1	Sanitary Sewer: Service, Lot 69 on Temple Butte Dr.	4	Below Grade	06/16/2025	P4	8.3	119.6	96	95	-2 / 2	DPMP		LM
159 / 219 4 2	Sanitary Sewer: Service, Lot 70 on Temple Butte Dr.	4	Below Grade	06/16/2025	P4	7.3	120.2	96	95	-2 / 2	DPMP		LM
159 / 219 5 3	Sanitary Sewer: Service, Lot 67 on Temple Butte Dr.	8	Below Grade	06/16/2025	P4	8.1	121.9	98	95	-2 / 2	DPMP		LM
159 / 219 6 4	Sanitary Sewer: Service, Lot 49 on Redwall Dr.	8	Below Grade	06/16/2025	P2	9.8	114.6	95	95	-2 / 2	DPMP		LM
159 / 219 7 5	Sanitary Sewer: Service, Lot 48 on Redwall Dr.	8	Below Grade	06/16/2025	P2	10.6	113.8	95	95	-2 / 2	DPMP		LM
159 / 219 8 6	Sanitary Sewer: Service, Lot 59 on Redwall Dr.	8	Below Grade	06/16/2025	P2	10.3	114.9	96	95	-2 / 2	DPMP		LM
11 / 219 7	Overlot: Tract A, STA 66 + 17 on Sunrise Ridge Dr.	6	Below Grade	06/17/2025	P3	8.9	120.8	96	95	-2 / 2	DPMP		RF
159 / 219 9 8	Sanitary Sewer: Service, Lot 63 on Temple Butte Dr.	2	Below Grade	06/17/2025	P4	8.8	119.8	96	95	-2 / 2	DPMP		RF
160 / 219 0 9	Sanitary Sewer: Service, Lot 72 on Temple Butte Dr.	2	Below Grade	06/17/2025	P4	8.7	120.3	97	95	-2 / 2	DPMP		RF
160 / 220 1 0	Sanitary Sewer: Main, STA 11 + 50 on Temple Butte Dr.	2	Below Grade	06/17/2025	P4	9.1	119.5	96	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
160 /220 2 1	Sanitary Sewer: Service, Lot 62 on Temple Butte Dr.	2	Below Grade	06/17/2025	P4	8.4	120.8	97	95	-2 / 2	DPMP		RF
160 /220 3 2	Sanitary Sewer: Service, Lot 73 on Temple Butte Dr.	2	Below Grade	06/17/2025	P4	9.6	119.7	96	95	-2 / 2	DPMP		RF
160 /220 4 3	Sanitary Sewer: Service, Lot 74 on Temple Butte Dr.	2	Below Grade	06/17/2025	P4	9.2	119.6	96	95	-2 / 2	DPMP		RF
160 /220 5 4	Sanitary Sewer: Service, Lot 61 on Temple Butte Dr.	2	Below Grade	06/17/2025	P4	8.7	119.3	96	95	-2 / 2	DPMP		RF
12 /220 5	Overlot: Tract A, STA 66 + 37 on Sunrise Ridge Dr.	5	Below Grade	06/17/2025	P3	9.2	120.2	96	95	-2 / 2	DPMP		RF
160 /220 6 6	Sanitary Sewer: Manhole 9, STA 14 + 40 on Temple Butte Dr.	8	Below Grade	06/17/2025	P4	9.4	119.9	96	95	-2 / 2	DPMP		RF
160 /220 7 7	Sanitary Sewer: Service, Lot 67 on Temple Butte Dr.	6	Below Grade	06/17/2025	P4	9.0	120.2	96	95	-2 / 2	DPMP		RF
160 /220 8 8	Sanitary Sewer: Service, Lot 68 on Temple Butte Dr.	6	Below Grade	06/17/2025	P4	8.7	120.8	97	95	-2 / 2	DPMP		RF
160 /220 9 9	Sanitary Sewer: Service, Lot 66 on Temple Butte Dr.	2	Below Grade	06/17/2025	P4	9.1	119.6	96	95	-2 / 2	DPMP		RF
161 /221 0 0	Sanitary Sewer: Main, STA 13 + 00 on Temple Butte Dr.	4	Below Grade	06/17/2025	P4	8.4	119.7	96	95	-2 / 2	DPMP		RF
161 /221 1 1	Sanitary Sewer: Service, Lot 70 on Temple Butte Dr.	2	Below Grade	06/17/2025	P4	9.2	119.2	96	95	-2 / 2	DPMP		RF
161 /221 2 2	Sanitary Sewer: Service, Lot 71 on Temple Butte Dr.	2	Below Grade	06/17/2025	P4	9.2	120.7	97	95	-2 / 2	DPMP		RF
161 /221 3 3	Sanitary Sewer: Service, Lot 64 on Temple Butte Dr.	2	Below Grade	06/17/2025	P4	8.7	118.9	95	95	-2 / 2	DPMP		RF
161 /221 4 4	Sanitary Sewer: Service, Lot 65 on Temple Butte Dr.	2	Below Grade	06/17/2025	P4	9.2	120.4	97	95	-2 / 2	DPMP		RF



Entech Engineering
505 Elkton Dr.
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Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
161 /221 5 5	Sanitary Sewer: Service, Lot 50 on Redwall Dr.	10	Below Grade	06/17/2025	P2	10.8	117.3	98	95	-2 / 2	DPMP		RF
161 /221 6 6	Sanitary Sewer: Service, Lot 58 on Redwall Dr.	10	Below Grade	06/17/2025	P2	11.3	117.7	98	95	-2 / 2	DPMP		RF
161 /221 7 7	Sanitary Sewer: Main, STA 13 + 00 on Redwall Dr.	8	Below Grade	06/17/2025	P2	11.7	115.2	96	95	-2 / 2	DPMP		RF
13 /221 8 8	Overlot: Tract A, STA 66 + 07 on Sunrise Ridge Dr.	4	Below Grade	06/17/2025	P3	9.1	120.7	96	95	-2 / 2	DPMP		RF
161 /221 8 9	Sanitary Sewer: Manhole 9, STA 14 + 40 on Temple Butte Dr.	6	Below Grade	06/17/2025	P4	8.8	120.6	97	95	-2 / 2	DPMP		RF
14 /222 0 0	Overlot: Tract A, STA 66 + 17 on Sunrise Ridge Dr.	3	Below Grade	06/18/2025	P3	8.7	121.4	97	95	-2 / 2	DPMP		RF
15 /222 1 1	Overlot: Tract A, STA 66 + 27 on Sunrise Ridge Dr.	3	Below Grade	06/18/2025	P3	9.3	120.1	96	95	-2 / 2	DPMP		RF
16 /222 2 2	Overlot: Tract A, STA 66 + 20 on Sunrise Ridge Dr.	2	Below Grade	06/18/2025	P3	8.6	120.9	96	95	-2 / 2	DPMP		RF
162 /222 0 3	Sanitary Sewer: Manhole 9, STA 14 + 40 on Temple Butte Dr.	4	Below Grade	06/18/2025	P4	8.7	119.5	96	95	-2 / 2	DPMP		RF
162 /222 1 4	Sanitary Sewer: Service, Lot 68 on Temple Butte Dr.	4	Below Grade	06/18/2025	P4	8.2	119.3	96	95	-2 / 2	DPMP		RF
162 /222 3 5	Sanitary Sewer: Service, Lot 67 on Temple Butte Dr.	4	Below Grade	06/18/2025	P4	8.5	118.8	95	95	-2 / 2	DPMP		RF
162 /222 4 6	Sanitary Sewer: Service, Lot 69 on Temple Butte Dr.	2	Below Grade	06/18/2025	P4	8.8	119.4	96	95	-2 / 2	DPMP		RF
162 /222 5 7	Sanitary Sewer: Main, STA 13 + 00 on Temple Butte Dr.	2	Below Grade	06/18/2025	P4	8.4	120.8	97	95	-2 / 2	DPMP		RF
161 /222 9 8	Sanitary Sewer: Service, Lot 50 on Redwall Dr.	8	Below Grade	06/18/2025	P2	10.1	116.3	97	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
162 222 2 9	Sanitary Sewer: Service, Lot 58 on Redwall Dr.	8	Below Grade	06/18/2025	P2	11.3	115.3	96	95	-2 / 2	DPMP		RF
162 223 6 0	Sanitary Sewer: Service, Lot 49 on Redwall Dr.	8	Below Grade	06/18/2025	P2	11.4	114.8	96	95	-2 / 2	DPMP		RF
162 223 7 1	Sanitary Sewer: Main, STA 13 + 50 on Redwall Dr.	8	Below Grade	06/18/2025	P2	11.7	115.7	96	95	-2 / 2	DPMP		RF
162 223 8 2	Sanitary Sewer: Service, Lot 59 on Redwall Dr.	8	Below Grade	06/18/2025	P2	11.9	115.8	96	95	-2 / 2	DPMP		RF
162 223 9 3	Sanitary Sewer: Service, Lot 60 on Redwall Dr.	8	Below Grade	06/18/2025	P2	11.9	115.8	96	95	-2 / 2	DPMP		RF
163 223 0 4	Sanitary Sewer: Service, Lot 47 on Redwall Dr.	8	Below Grade	06/18/2025	P2	11.7	115.8	96	95	-2 / 2	DPMP		RF
163 223 1 5	Sanitary Sewer: Service, Lot 46 on Redwall Dr.	6	Below Grade	06/18/2025	P4	8.9	119.3	96	95	-2 / 2	DPMP		RF
163 223 2 6	Sanitary Sewer: Manhole 7, STA 14 + 92 on Redwall Dr.	6	Below Grade	06/18/2025	P4	9.8	119.8	96	95	-2 / 2	DPMP		RF
22 223 7	Overlot: STA 65 + 95 on Sunrise Ridge Dr.	10	Below Grade	06/18/2025	P3	9.2	123.1	98	95	-2 / 2	DPMP		RF
23 223 8	Overlot: STA 66 + 00 on Sunrise Ridge Dr.	9	Below Grade	06/19/2025	P3	8.8	120.6	96	95	-2 / 2	DPMP		RF
163 223 3 9	Sanitary Sewer: Service, Lot 65 (RHN/F2) on Galeros Dr.	-	At Grade	06/19/2025	P6	9.2	121.2	96	95	-2 / 2	DPMP		RF
163 224 4 0	Sanitary Sewer: Service, Lot 64 (RHN/F2) on Galeros Dr.	-	At Grade	06/19/2025	P6	8.7	121.3	96	95	-2 / 2	DPMP		RF
163 224 5 1	Sanitary Sewer: Service, Lot 63 (RHN/F2) on Galeros Dr.	-	At Grade	06/19/2025	P6	8.9	122.7	97	95	-2 / 2	DPMP		RF
163 224 6 2	Sanitary Sewer: Main, STA 34 + 00 on Galeros Dr.	-	At Grade	06/19/2025	P6	8.4	122.2	96	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
163 / 224 7 3	Sanitary Sewer: Main, STA 33 + 00 on Galeros Dr.	-	At Grade	06/19/2025	P6	8.6	123.1	97	95	-2 / 2	DPMP		RF
24 / 224 4	Overlot: STA 65 + 30 on Sunrise Ridge Dr.	8	Below Grade	06/19/2025	P3	9.2	120.4	96	95	-2 / 2	DPMP		RF
25 / 224 5	Overlot: STA 65 + 80 on Sunrise Ridge Dr.	8	Below Grade	06/19/2025	P3	9.3	120.6	96	95	-2 / 2	DPMP		RF
163 / 224 8 6	Sanitary Sewer: Manhole 9, STA 14 + 40 on Temple Butte Dr.	2	Below Grade	06/19/2025	P4	8.7	118.9	95	95	-2 / 2	DPMP		RF
163 / 224 9 7	Sanitary Sewer: Service, Lot 67 on Temple Butte Dr.	2	Below Grade	06/19/2025	P4	8.4	119.1	96	95	-2 / 2	DPMP		RF
164 / 224 0 8	Sanitary Sewer: Service, Lot 68 on Temple Butte Dr.	2	Below Grade	06/19/2025	P4	9.1	119.4	96	95	-2 / 2	DPMP		RF
26 / 224 9	Overlot: STA 65 + 50 on Sunrise Ridge Dr.	7	Below Grade	06/19/2025	P3	8.3	120.7	96	95	-2 / 2	DPMP		RF
27 / 225 0	Overlot: STA 65 + 30 on Sunrise Ridge Dr.	6	Below Grade	06/19/2025	P3	8.9	121.0	96	95	-2 / 2	DPMP		RF
28 / 225 1	Overlot: STA 65 + 80 on Sunrise Ridge Dr.	6	Below Grade	06/19/2025	P3	8.6	122.1	97	95	-2 / 2	DPMP		RF
29 / 225 2	Overlot: Tract A, STA 66 + 27 on Sunrise Ridge Dr.	-	At Grade	06/19/2025	P3	8.4	123.4	98	95	-2 / 2	DPMP		RF
164 / 225 1 3	Sanitary Sewer: Service, Lot 59 on Redwall Dr.	6	Below Grade	06/19/2025	P2	11.9	115.6	96	95	-2 / 2	DPMP		RF
164 / 225 2 4	Sanitary Sewer: Service, Lot 48 on Redwall Dr.	6	Below Grade	06/19/2025	P2	11.9	115.7	96	95	-2 / 2	DPMP		RF
164 / 225 3 5	Sanitary Sewer: Service, Lot 60 on Redwall Dr.	6	Below Grade	06/19/2025	P2	10.8	116.6	97	95	-2 / 2	DPMP		RF
164 / 225 4 6	Sanitary Sewer: Service, Lot 47 on Redwall Dr.	6	Below Grade	06/19/2025	P2	11.9	115.4	96	95	-2 / 2	DPMP		RF
30 / 225 7	Overlot: STA 65 + 60 on Sunrise Ridge Dr.	5	Below Grade	06/19/2025	P3	9.0	120.8	96	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
31 / 225 8	Overlot: STA 65 + 20 on Sunrise Ridge Dr.	5	Below Grade	06/19/2025	P3	8.9	121.2	96	95	-2 / 2	DPMP		RF
32 / 225 9	Overlot: STA 65 + 50 on Sunrise Ridge Dr.	4	Below Grade	06/19/2025	P3	8.9	119.7	95	95	-2 / 2	DPMP		RF
164 / 226 5 0	Sanitary Sewer: Main, STA 12 + 00 on Redwall Dr.	12	Below Grade	06/19/2025	P2	10.3	117.8	98	95	-2 / 2	DPMP		RF
164 / 226 6 1	Sanitary Sewer: Service, Lot 56 on Redwall Dr.	12	Below Grade	06/19/2025	P2	11.1	118.1	98	95	-2 / 2	DPMP		RF
164 / 226 7 2	Sanitary Sewer: Service, Lot 51 on Redwall Dr.	12	Below Grade	06/19/2025	P2	11.5	117.7	98	95	-2 / 2	DPMP		RF
164 / 226 8 3	Sanitary Sewer: Service, Lot 57 on Redwall Dr.	12	Below Grade	06/19/2025	P2	11.4	117.4	98	95	-2 / 2	DPMP		RF
164 / 226 9 4	Sanitary Sewer: Service, Lot 50 on Redwall Dr.	6	Below Grade	06/19/2025	P2	10.9	117.6	98	95	-2 / 2	DPMP		RF
165 / 226 0 5	Sanitary Sewer: Service, Lot 58 on Redwall Dr.	6	Below Grade	06/19/2025	P2	11.3	114.4	95	95	-2 / 2	DPMP		RF
165 / 226 1 6	Sanitary Sewer: Main, STA 13 + 50 on Redwall Dr.	6	Below Grade	06/19/2025	P2	11.8	114.6	95	95	-2 / 2	DPMP		RF
165 / 226 2 7	Sanitary Sewer: Service, Lot 49 on Redwall Dr.	6	Below Grade	06/19/2025	P2	11.2	115.6	96	95	-2 / 2	DPMP		RF
165 / 226 3 8	Sanitary Sewer: Service, Lot 45 on Horn Hill Dr.	4	Below Grade	06/19/2025	P4	8.5	119.5	96	95	-2 / 2	DPMP		RF
165 / 226 4 9	Sanitary Sewer: Service, Lot 44 on Horn Hill Dr.	4	Below Grade	06/19/2025	P4	8.9	119.4	96	95	-2 / 2	DPMP		RF
165 / 227 5 0	Sanitary Sewer: Service, Lot 42 on Horn Hill Dr.	2	Below Grade	06/19/2025	P4	9.1	118.4	95	95	-2 / 2	DPMP		RF
33 / 227 1	Overlot: STA 65 + 75 on Sunrise Ridge Dr.	3	Below Grade	06/19/2025	P3	8.7	118.9	95	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
165 / 227 6 2	Sanitary Sewer: Main, STA 12 + 00 on Redwall Dr.	10	Below Grade	06/19/2025	P2	10.6	117.3	98	95	-2 / 2	DPMP		RF
165 / 227 7 3	Sanitary Sewer: Service, Lot 56 on Redwall Dr.	10	Below Grade	06/19/2025	P2	10.8	117.5	98	95	-2 / 2	DPMP		RF
165 / 227 8 4	Sanitary Sewer: Service, Lot 51 on Redwall Dr.	10	Below Grade	06/19/2025	P2	11.4	117.8	98	95	-2 / 2	DPMP		RF
165 / 227 9 5	Sanitary Sewer: Service, Lot 57 on Redwall Dr.	10	Below Grade	06/19/2025	P2	10.7	118.1	98	95	-2 / 2	DPMP		RF
34 / 227 6	Overlot: STA 65 + 50 on Sunrise Ridge Dr.	2	Below Grade	06/20/2025	P3	9.3	119.3	95	95	-2 / 2	DPMP		RF
35 / 227 7	Overlot: STA 66 + 00 on Sunrise Ridge Dr.	2	Below Grade	06/20/2025	P3	8.7	120.4	96	95	-2 / 2	DPMP		RF
166 / 227 0 8	Sanitary Sewer: Manhole 6, STA 17 + 93 on Horn Hill Dr.	4	Below Grade	06/20/2025	P4	9.1	119.3	96	95	-2 / 2	DPMP		RF
166 / 227 1 9	Sanitary Sewer: Service, Lot 45 on Horn Hill Dr.	2	Below Grade	06/20/2025	P4	9.5	119.8	96	95	-2 / 2	DPMP		RF
166 / 228 2 0	Sanitary Sewer: Service, Lot 44 on Horn Hill Dr.	2	Below Grade	06/20/2025	P4	9.9	118.9	95	95	-2 / 2	DPMP		RF
166 / 228 3 1	Sanitary Sewer: Main, STA 18 + 50 on Horn Hill Dr.	2	Below Grade	06/20/2025	P4	9.3	120.7	97	95	-2 / 2	DPMP		RF
166 / 228 4 2	Sanitary Sewer: Service, Lot 43 on Horn Hill Dr.	2	Below Grade	06/20/2025	P4	9.6	119.8	96	95	-2 / 2	DPMP		RF

Remarks

DP/MP : 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)
P4	ASTM D1557 - B	SC	8.2	124.7
P2	ASTM D1557 - A	ML	10.1	120.1
P3	ASTM D1557 - B	SW	7.5	125.8
P6	ASTM D1557 - A	SM	8.2	126.8

06/25/2025

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
38 / 228 3	Storm Water: Inlet 13, STA 24 + 16, street side on House Rock Dr.	-	At Grade	06/23/2025	P1	8.7	123.3	97	95	-2 / 2	DPMP		RF
39 / 228 4	Storm Water: Inlet 13, STA 24 + 16, lot side on House Rock Dr.	-	At Grade	06/23/2025	P1	8.6	122.1	96	95	-2 / 2	DPMP		RF
40 / 228 5	Storm Water: Inlet 12, STA 19 + 60, lot side on Crystal Falls Dr.	-	At Grade	06/23/2025	P3	8.2	120.7	96	95	-2 / 2	DPMP		RF
41 / 228 6	Storm Water: Inlet 12, STA 19 + 60, street side on Crystal Falls Dr.	-	At Grade	06/23/2025	P3	7.8	122.3	97	95	-2 / 2	DPMP		RF
42 / 228 7	Storm Water: Inlet 11, STA 78 + 60, street side on Sunrise Ridge Dr.	-	At Grade	06/23/2025	P2	9.6	117.8	98	95	-2 / 2	DPMP		RF
43 / 228 8	Storm Water: Inlet 11, STA 78 + 60, lot side on Sunrise Ridge Dr.	-	At Grade	06/23/2025	P2	9.6	117.9	98	95	-2 / 2	DPMP		RF
36 / 228 9	Overlot: STA 65 + 25 on Sunrise Ridge Dr.	-	At Grade	06/23/2025	P3	8.4	120.7	96	95	-2 / 2	DPMP		RF
166 / 229 5 0	Sanitary Sewer: Main, STA 62 + 25 on Sunrise Ridge Dr.	12	Below Grade	06/24/2025	P4	10.1	121.9	98	95	-2 / 2	DPMP		RF
166 / 229 6 1	Sanitary Sewer: Service, Lot 16 on Sunrise Ridge Dr.	12	Below Grade	06/24/2025	P4	9.8	122.3	98	95	-2 / 2	DPMP		RF
166 / 229 7 2	Sanitary Sewer: Service, Lot 17 on Sunrise Ridge Dr.	12	Below Grade	06/24/2025	P6	10.2	124.7	98	95	-2 / 2	DPMP		RF
166 / 229 8 3	Sanitary Sewer: Manhole 12, STA 31 + 85 on Galeros Dr.	8	Below Grade	06/24/2025	P4	9.9	119.4	96	95	-2 / 2	DPMP		RF
166 / 229 9 4	Sanitary Sewer: Service, Lot 56 on Redwall Dr.	8	Below Grade	06/24/2025	P2	10.9	115.6	96	95	-2 / 2	DPMP		RF
167 / 229 0 5	Sanitary Sewer: Main, STA 12 + 00 on Redwall Dr.	8	Below Grade	06/24/2025	P2	11.2	115.4	96	95	-2 / 2	DPMP		RF
167 / 229 1 6	Sanitary Sewer: Service, Lot 51 on Redwall Dr.	8	Below Grade	06/24/2025	P2	10.6	116.6	97	95	-2 / 2	DPMP		RF



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167 /229 2 7	Sanitary Sewer: Service, Lot 57 on Redwall Dr.	8	Below Grade	06/24/2025	P2	10.8	115.7	96	95	-2 / 2	DPMP		RF
167 /229 3 8	Sanitary Sewer: Main, STA 13 + 50 on Redwall Dr.	4	Below Grade	06/24/2025	P2	10.6	116.7	97	95	-2 / 2	DPMP		RF
167 /229 4 9	Sanitary Sewer: Service, Lot 49 on Redwall Dr.	4	Below Grade	06/24/2025	P2	10.4	115.7	96	95	-2 / 2	DPMP		RF
167 /230 5 0	Sanitary Sewer: Service, Lot 59 on Redwall Dr.	4	Below Grade	06/24/2025	P2	10.2	115.8	96	95	-2 / 2	DPMP		RF
167 /230 6 1	Sanitary Sewer: Service, Lot 18 on Galeros Dr.	-	At Grade	06/24/2025	P4	8.7	119.4	96	95	-2 / 2	DPMP		RF
167 /230 7 2	Sanitary Sewer: Service, Lot 19 on Galeros Dr.	-	At Grade	06/24/2025	P4	9.6	120.0	96	95	-2 / 2	DPMP		RF
167 /230 8 3	Sanitary Sewer: Main, STA 13 + 50 on Galeros Dr.	-	At Grade	06/24/2025	P4	8.6	120.7	97	95	-2 / 2	DPMP		RF
167 /230 9 4	Sanitary Sewer: Service, Lot 20 on Galeros Dr.	-	At Grade	06/24/2025	P4	8.9	120.9	97	95	-2 / 2	DPMP		RF
168 /230 0 5	Sanitary Sewer: Service, Lot 21 on Galeros Dr.	-	At Grade	06/24/2025	P4	9.8	119.3	96	95	-2 / 2	DPMP		RF
168 /230 1 6	Sanitary Sewer: Main, STA 29 + 00 on Galeros Dr.	-	At Grade	06/24/2025	P4	9.2	119.9	96	95	-2 / 2	DPMP		RF
168 /230 2 7	Sanitary Sewer: Main, STA 27 + 50 on Galeros Dr.	-	At Grade	06/24/2025	P4	8.6	120.7	97	95	-2 / 2	DPMP		RF
168 /230 3 8	Sanitary Sewer: Service, Lot 25 on Galeros Dr.	-	At Grade	06/24/2025	P4	9.0	119.4	96	95	-2 / 2	DPMP		RF
168 /230 4 9	Sanitary Sewer: Service, Lot 107 on Galeros Dr.	-	At Grade	06/24/2025	P4	9.4	119.8	96	95	-2 / 2	DPMP		RF
168 /231 5 0	Sanitary Sewer: Service, Lot 108 on Galeros Dr.	-	At Grade	06/24/2025	P4	9.1	119.5	96	95	-2 / 2	DPMP		RF



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Colorado Springs, CO 80907
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Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
168 /231 6 1	Sanitary Sewer: Service, Lot 109 on Galeros Dr.	-	At Grade	06/24/2025	P4	9.5	119.3	96	95	-2 / 2	DPMP		RF
168 /231 7 2	Sanitary Sewer: Manhole 12, STA 31 + 85 on Galeros Dr.	6	Below Grade	06/25/2025	P4	10.1	119.5	96	95	-2 / 2	DPMP		RF
168 /231 8 3	Sanitary Sewer: Main, STA 62 + 25 on Sunrise Ridge Dr.	10	Below Grade	06/25/2025	P4	9.9	122.1	98	95	-2 / 2	DPMP		RF
168 /231 9 4	Sanitary Sewer: Service, Lot 16 on Sunrise Ridge Dr.	10	Below Grade	06/25/2025	P4	9.9	121.7	98	95	-2 / 2	DPMP		RF
169 /231 0 5	Sanitary Sewer: Service, Lot 17 on Sunrise Ridge Dr.	10	Below Grade	06/25/2025	P6	10.1	124.5	98	95	-2 / 2	DPMP		RF
169 /231 1 6	Sanitary Sewer: Manhole 7, STA 14 + 92 on Redwall Dr.	4	Below Grade	06/26/2025	P4	10.1	119.3	96	95	-2 / 2	DPMP		RF
169 /231 2 7	Sanitary Sewer: Service, Lot 46 on Redwall Dr.	4	Below Grade	06/26/2025	P4	10.0	119.6	96	95	-2 / 2	DPMP		RF
169 /231 3 8	Sanitary Sewer: Service, Lot 47 on Redwall Dr.	4	Below Grade	06/26/2025	P2	10.8	115.1	96	95	-2 / 2	DPMP		RF
169 /231 4 9	Sanitary Sewer: Service, Lot 48 on Redwall Dr.	4	Below Grade	06/26/2025	P2	11.5	114.8	96	95	-2 / 2	DPMP		RF
169 /232 5 0	Sanitary Sewer: Service, Lot 60 on Redwall Dr.	4	Below Grade	06/26/2025	P2	11.3	115.3	96	95	-2 / 2	DPMP		RF
169 /232 6 1	Sanitary Sewer: Service, Lot 59 on Redwall Dr.	4	Below Grade	06/26/2025	P2	11.5	115.5	96	95	-2 / 2	DPMP		RF
169 /232 7 2	Sanitary Sewer: Service, Lot 50 on Redwall Dr.	4	Below Grade	06/26/2025	P2	10.8	115.6	96	95	-2 / 2	DPMP		RF
169 /232 8 3	Sanitary Sewer: Service, Lot 58 on Redwall Dr.	4	Below Grade	06/26/2025	P2	11.3	116.0	97	95	-2 / 2	DPMP		RF
169 /232 9 4	Sanitary Sewer: Service, Lot 55 on Redwall Dr.	14	Below Grade	06/26/2025	P2	11.8	117.9	98	95	-2 / 2	DPMP		RF



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250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
170 /232 0 5	Sanitary Sewer: Service, Lot 52 on Redwall Dr.	14	Below Grade	06/26/2025	P2	11.9	117.3	98	95	-2 / 2	DPMP		RF
170 /232 1 6	Sanitary Sewer: Main, STA 12 + 00 on Redwall Dr.	6	Below Grade	06/26/2025	P2	10.7	115.3	96	95	-2 / 2	DPMP		RF
170 /232 2 7	Sanitary Sewer: Service, Lot 56 on Redwall Dr.	6	Below Grade	06/26/2025	P2	10.9	116.5	97	95	-2 / 2	DPMP		RF
170 /232 3 8	Sanitary Sewer: Service, Lot 51 on Redwall Dr.	6	Below Grade	06/26/2025	P2	11.4	115.4	96	95	-2 / 2	DPMP		RF
170 /232 4 9	Sanitary Sewer: Service, Lot 57 on Redwall Dr.	6	Below Grade	06/26/2025	P2	10.5	116.1	97	95	-2 / 2	DPMP		RF
170 /233 5 0	Sanitary Sewer: Main, STA 13 + 50 on Redwall Dr.	2	Below Grade	06/26/2025	P2	11.6	114.9	96	95	-2 / 2	DPMP		RF
170 /233 6 1	Sanitary Sewer: Service, Lot 49 on Redwall Dr.	2	Below Grade	06/26/2025	P2	10.6	114.3	95	95	-2 / 2	DPMP		RF
170 /233 7 2	Sanitary Sewer: Service, Lot 59 on Redwall Dr.	2	Below Grade	06/26/2025	P2	11.2	114.7	96	95	-2 / 2	DPMP		RF
170 /233 8 3	Sanitary Sewer: Service, Lot 48 on Redwall Dr.	2	Below Grade	06/26/2025	P2	10.8	115.2	96	95	-2 / 2	DPMP		RF
170 /233 9 4	Sanitary Sewer: Service, Lot 60 on Redwall Dr.	2	Below Grade	06/26/2025	P2	11.2	114.7	96	95	-2 / 2	DPMP		RF
1 /233 5	Electric/Gas: Main, STA 16 + 25 on House Rock Dr.	-	At Grade	06/26/2025	P1	9.8	122.1	96	95	-2 / 2	DPMP		RF
2 /233 6	Electric/Gas: Main, STA 18 + 25 on House Rock Dr.	-	At Grade	06/26/2025	P1	9.8	122.5	96	95	-2 / 2	DPMP		RF
3 /233 7	Electric/Gas: Main, STA 20 + 25 on House Rock Dr.	-	At Grade	06/26/2025	P1	9.3	123.7	97	95	-2 / 2	DPMP		RF
4 /233 8	Electric/Gas: Main, STA 22 + 25 on House Rock Dr.	-	At Grade	06/26/2025	P1	8.9	123.3	97	95	-2 / 2	DPMP		RF
5 /233 9	Electric/Gas: Main, STA 23 + 55 on House Rock Dr.	-	At Grade	06/26/2025	P1	10.3	121.9	96	95	-2 / 2	DPMP		RF



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250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
171 /234 0 0	Sanitary Sewer: Service, Lot 68 on Temple Butte Dr.	-	At Grade	06/27/2025	P4	10.0	119.7	96	95	-2 / 2	DPMP		RF
171 /234 1 1	Sanitary Sewer: Service, Lot 69 on Temple Butte Dr.	-	At Grade	06/27/2025	P4	9.6	120.6	97	95	-2 / 2	DPMP		RF
171 /234 2 2	Sanitary Sewer: Service, Lot 70 on Temple Butte Dr.	-	At Grade	06/27/2025	P4	9.5	121.5	97	95	-2 / 2	DPMP		RF
171 /234 3 3	Sanitary Sewer: Main, STA 13 + 00 on Temple Butte Dr.	-	At Grade	06/27/2025	P4	9.8	119.4	96	95	-2 / 2	DPMP		RF
171 /234 4 4	Sanitary Sewer: Service, Lot 71 on Temple Butte Dr.	-	At Grade	06/27/2025	P4	9.3	119.1	96	95	-2 / 2	DPMP		RF
171 /234 5 5	Sanitary Sewer: Service, Lot 72 on Temple Butte Dr.	-	At Grade	06/27/2025	P4	9.3	120.4	97	95	-2 / 2	DPMP		RF
171 /234 6 6	Sanitary Sewer: Main, STA 11 + 50 on Temple Butte Dr.	-	At Grade	06/27/2025	P4	9.4	120.0	96	95	-2 / 2	DPMP		RF
171 /234 7 7	Sanitary Sewer: Manhole 9, STA 14 + 40 on Temple Butte Dr.	-	At Grade	06/27/2025	P4	9.7	121.1	97	95	-2 / 2	DPMP		RF
171 /234 8 8	Sanitary Sewer: Service, Lot 67 on Temple Butte Dr.	-	At Grade	06/27/2025	P4	9.5	119.8	96	95	-2 / 2	DPMP		RF
171 /234 9 9	Sanitary Sewer: Service, Lot 66 on Temple Butte Dr.	-	At Grade	06/27/2025	P4	9.6	120.4	97	95	-2 / 2	DPMP		RF
172 /235 0 0	Sanitary Sewer: Service, Lot 65 on Temple Butte Dr.	-	At Grade	06/27/2025	P4	9.2	119.7	96	95	-2 / 2	DPMP		RF
172 /235 1 1	Sanitary Sewer: Service, Lot 64 on Temple Butte Dr.	-	At Grade	06/27/2025	P4	8.9	120.2	96	95	-2 / 2	DPMP		RF
172 /235 2 2	Sanitary Sewer: Service, Lot 63 on Temple Butte Dr.	-	At Grade	06/27/2025	P4	9.7	119.9	96	95	-2 / 2	DPMP		RF
172 /235 3 3	Sanitary Sewer: Service, Lot 62 on Temple Butte Dr.	-	At Grade	06/27/2025	P4	9.5	121.1	97	95	-2 / 2	DPMP		RF



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250235
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Rolling Hills Ranch North F1
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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
172 235 4 4	Sanitary Sewer: Service, Lot 61 on Temple Butte Dr.	-	At Grade	06/27/2025	P4	9.6	119.5	96	95	-2 / 2	DPMP		RF
172 235 5 5	Sanitary Sewer: Service, Lot 74 on Temple Butte Dr.	-	At Grade	06/27/2025	P4	9.7	118.9	95	95	-2 / 2	DPMP		RF
172 235 6 6	Sanitary Sewer: Service, Lot 73 on Temple Butte Dr.	-	At Grade	06/27/2025	P4	9.6	120.2	96	95	-2 / 2	DPMP		RF
172 235 7 7	Sanitary Sewer: Manhole 4, STA 23 + 93 on Horn Hill Dr.	-	At Grade	06/27/2025	P4	9.2	120.3	97	95	-2 / 2	DPMP		RF
172 235 8 8	Sanitary Sewer: Service, Lot 31 on Horn Hill Dr.	-	At Grade	06/27/2025	P4	8.8	121.9	98	95	-2 / 2	DPMP		RF
172 235 9 9	Sanitary Sewer: Service, Lot 32 on Horn Hill Dr.	-	At Grade	06/27/2025	P4	9.1	119.2	96	95	-2 / 2	DPMP		RF
173 236 0 0	Sanitary Sewer: Service, Lot 33 on Horn Hill Dr.	-	At Grade	06/27/2025	P4	9.3	119.4	96	95	-2 / 2	DPMP		RF
173 236 1 1	Sanitary Sewer: Main, STA 22 + 50 on Horn Hill Dr.	-	At Grade	06/27/2025	P4	10.2	120.2	96	95	-2 / 2	DPMP		RF
173 236 2 2	Sanitary Sewer: Service, Lot 34 on Horn Hill Dr.	-	At Grade	06/27/2025	P4	9.6	121.2	97	95	-2 / 2	DPMP		RF

Remarks

DP/MP : 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 D1557 - B	SC	8.5	127.5
P3	ASTM D1557 - B	SW	7.5	125.8
P2	ASTM D1557 - A	ML	10.1	120.1
P4	ASTM D1557 - B	SC	8.2	124.7
P6	ASTM D1557 - A	SM	8.2	126.8

07/01/2025

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
173 / 236 3 3	Sanitary Sewer: Manhole 12, STA 31 + 85 on Galeros Dr.	4	Below Grade	06/30/2025	P4	9.6	121.1	97	95	-2 / 2	DPMP		RF
173 / 236 4 4	Sanitary Sewer: Service, Lot 17 on Sunrise Ridge Dr.	8	Below Grade	06/30/2025	P6	10.1	121.5	96	95	-2 / 2	DPMP		RF
173 / 236 5 5	Sanitary Sewer: Service, Lot 16 on Sunrise Ridge Dr.	8	Below Grade	06/30/2025	P4	9.9	119.9	96	95	-2 / 2	DPMP		RF
173 / 236 6 6	Sanitary Sewer: Manhole 7, STA 14 + 92 on Redwall Dr.	2	Below Grade	06/30/2025	P4	10.1	119.4	96	95	-2 / 2	DPMP		RF
173 / 236 7 7	Sanitary Sewer: Service, Lot 46 on Redwall Dr.	2	Below Grade	06/30/2025	P4	9.8	119.6	96	95	-2 / 2	DPMP		RF
173 / 236 8 8	Sanitary Sewer: Service, Lot 47 on Redwall Dr.	2	Below Grade	06/30/2025	P2	10.9	115.0	96	95	-2 / 2	DPMP		RF
173 / 236 9 9	Sanitary Sewer: Manhole 8, STA 10 + 75 on Redwall Dr.	14	Below Grade	06/30/2025	P4	9.7	122.5	98	95	-2 / 2	DPMP		RF
174 / 237 0 0	Sanitary Sewer: Service, Lot 53 on Redwall Dr.	14	Below Grade	06/30/2025	P4	9.9	122.4	98	95	-2 / 2	DPMP		RF
174 / 237 1 1	Sanitary Sewer: Service, Lot 54 on Redwall Dr.	14	Below Grade	06/30/2025	P4	9.8	121.7	98	95	-2 / 2	DPMP		RF
174 / 237 2 2	Sanitary Sewer: Service, Lot 55 on Redwall Dr.	12	Below Grade	06/30/2025	P2	11.7	118.1	98	95	-2 / 2	DPMP		RF
174 / 237 3 3	Sanitary Sewer: Service, Lot 52 on Redwall Dr.	12	Below Grade	06/30/2025	P2	11.2	117.3	98	95	-2 / 2	DPMP		RF
174 / 237 4 4	Sanitary Sewer: Main, STA 62 + 25 on Sunrise Ridge Dr.	8	Below Grade	06/30/2025	P4	10.2	119.1	96	95	-2 / 2	DPMP		RF
174 / 237 5 5	Sanitary Sewer: Service, Lot 16 on Sunrise Ridge Dr.	6	Below Grade	06/30/2025	P4	9.9	119.3	96	95	-2 / 2	DPMP		RF



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174 /237 6 6	Sanitary Sewer: Service, Lot 17 on Sunrise Ridge Dr.	6	Below Grade	06/30/2025	P6	10.1	121.6	96	95	-2 / 2	DPMP		RF
174 /237 7 7	Sanitary Sewer: Service, Lot 58 on Redwall Dr.	2	Below Grade	06/30/2025	P2	10.6	115.1	96	95	-2 / 2	DPMP		RF
174 /237 8 8	Sanitary Sewer: Manhole 8, STA 10 + 75 on Redwall Dr.	12	Below Grade	06/30/2025	P4	9.2	122.4	98	95	-2 / 2	DPMP		RF
174 /237 9 9	Sanitary Sewer: Service, Lot 54 on Redwall Dr.	12	Below Grade	06/30/2025	P4	9.7	122.1	98	95	-2 / 2	DPMP		RF
175 /238 0 0	Sanitary Sewer: Service, Lot 53 on Redwall Dr.	12	Below Grade	06/30/2025	P4	9.8	121.9	98	95	-2 / 2	DPMP		RF
175 /238 1 1	Sanitary Sewer: Service, Lot 55 on Redwall Dr.	10	Below Grade	06/30/2025	P2	11.2	113.5	95	95	-2 / 2	DPMP		RF
175 /238 2 2	Sanitary Sewer: Service, Lot 52 on Redwall Dr.	10	Below Grade	06/30/2025	P2	11.5	117.7	98	95	-2 / 2	DPMP		RF
175 /238 3 3	Sanitary Sewer: Main, STA 12 + 00 on Redwall Dr.	4	Below Grade	06/30/2025	P2	11.5	116.4	97	95	-2 / 2	DPMP		RF
175 /238 4 4	Sanitary Sewer: Service, Lot 56 on Redwall Dr.	4	Below Grade	06/30/2025	P2	11.4	115.3	96	95	-2 / 2	DPMP		RF
175 /238 5 5	Sanitary Sewer: Service, Lot 51 on Redwall Dr.	4	Below Grade	06/30/2025	P2	10.7	116.7	97	95	-2 / 2	DPMP		RF
175 /238 6 6	Sanitary Sewer: Service, Lot 57 on Redwall Dr.	4	Below Grade	06/30/2025	P2	11.3	114.9	96	95	-2 / 2	DPMP		RF
175 /238 7 7	Sanitary Sewer: Service, Lot 50 on Redwall Dr.	2	Below Grade	06/30/2025	P2	10.9	115.4	96	95	-2 / 2	DPMP		RF
6 /238 8 8	Electric/Gas: Main, STA 12 + 50 on House Rock Dr.	-	At Grade	07/01/2025	P2	9.7	115.5	96	95	-2 / 2	DPMP		RF
7 /238 9 9	Electric/Gas: Main, STA 10 + 50 on Crystal Falls Dr.	-	At Grade	07/01/2025	P2	9.3	114.9	96	95	-2 / 2	DPMP		RF



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8 /239 0	Electric/Gas: Main, STA 11 + 50 on Crystal Falls Dr.	-	At Grade	07/01/2025	P2	9.9	116.6	97	95	-2 / 2	DPMP		RF
44 /239 1	Storm Water: Main, Tract A, STA 10 + 95, east side on Sunrise Ridge Dr.	4	Below Grade	07/01/2025	P4	9.6	119.6	96	95	-2 / 2	DPMP		RF
45 /239 2	Storm Water: Main, Tract A, STA 11 + 05, west side on Sunrise Ridge Dr.	4	Below Grade	07/01/2025	P4	10.1	120.9	97	95	-2 / 2	DPMP		RF
9 /239 3	Electric/Gas: Main, STA 13 + 75 on Crystal Falls Dr.	-	At Grade	07/01/2025	P2	9.5	117.7	98	95	-2 / 2	DPMP		RF
10 /239 4	Electric/Gas: Main, STA 15 + 25 on Crystal Falls Dr.	-	At Grade	07/01/2025	P3	9.2	120.6	96	95	-2 / 2	DPMP		RF
175 /239 8 5	Sanitary Sewer: Manhole 12, STA 31 + 85 on Galeros Dr.	2	Below Grade	07/01/2025	P4	9.6	119.4	96	95	-2 / 2	DPMP		RF
175 /239 9 6	Sanitary Sewer: Main, STA 62 + 25 on Sunrise Ridge Dr.	6	Below Grade	07/01/2025	P4	9.9	119.8	96	95	-2 / 2	DPMP		RF
176 /239 0 7	Sanitary Sewer: Service, Lot 15 on Sunrise Ridge Dr.	12	Below Grade	07/01/2025	P4	10.2	122.7	98	95	-2 / 2	DPMP		RF
176 /239 1 8	Sanitary Sewer: Service, Lot 16 on Sunrise Ridge Dr.	4	Below Grade	07/01/2025	P4	9.7	120.2	96	95	-2 / 2	DPMP		RF
176 /239 2 9	Sanitary Sewer: Service, Lot 17 on Sunrise Ridge Dr.	4	Below Grade	07/01/2025	P6	9.5	121.3	96	95	-2 / 2	DPMP		RF
11 /240 0	Electric/Gas: Main, STA 17 + 00 on Crystal Falls Dr.	-	At Grade	07/01/2025	P2	9.3	115.6	96	95	-2 / 2	DPMP		RF
12 /240 1	Electric/Gas: Main, STA 18 + 75 on Crystal Falls Dr.	-	At Grade	07/01/2025	P2	8.7	117.4	98	95	-2 / 2	DPMP		RF
13 /240 2	Electric/Gas: Main, STA 10 + 50 on House Rock Dr.	-	At Grade	07/01/2025	P2	9.6	115.1	96	95	-2 / 2	DPMP		RF
14 /240 3	Electric/Gas: Main, STA 29 + 00 on Shelter Creek Dr.	-	At Grade	07/01/2025	P2	8.9	115.3	96	95	-2 / 2	DPMP		RF
176 /240 3 4	Sanitary Sewer: Service, Lot 17 on Sunrise Ridge Dr.	2	Below Grade	07/02/2025	P6	9.8	122.0	96	95	-2 / 2	DPMP		RF



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176 ²⁴⁰ / _{4 5}	Sanitary Sewer: Main, STA 16 + 25 on Sunrise Ridge Dr.	4	Below Grade	07/02/2025	P4	9.8	119.7	96	95	-2 / 2	DPMP		RF
176 ²⁴⁰ / _{5 6}	Sanitary Sewer: Service, Lot 15 on Sunrise Ridge Dr.	10	Below Grade	07/02/2025	P4	10.0	118.9	95	95	-2 / 2	DPMP		RF
176 ²⁴⁰ / _{6 7}	Sanitary Sewer: Service, Lot 15 on Sunrise Ridge Dr.	8	Below Grade	07/02/2025	P4	9.9	120.2	96	95	-2 / 2	DPMP		RF
176 ²⁴⁰ / _{7 8}	Sanitary Sewer: Service, Lot 41 on Horn Hill Dr.	2	Below Grade	07/02/2025	P4	8.7	119.4	96	95	-2 / 2	DPMP		RF
176 ²⁴⁰ / _{8 9}	Sanitary Sewer: Manhole 6, STA 17 + 93 on Horn Hill Dr.	2	Below Grade	07/02/2025	P4	9.1	119.6	96	95	-2 / 2	DPMP		RF
176 ²⁴¹ / _{9 0}	Sanitary Sewer: Manhole 3, STA 15 + 40 for the Utility Easement.	6	Below Grade	07/02/2025	P4	10.1	118.9	95	95	-2 / 2	DPMP		RF
177 ²⁴¹ / _{0 1}	Sanitary Sewer: Manhole 3, STA 15 + 40 for the Utility Easement.	4	Below Grade	07/02/2025	P4	9.9	119.2	96	95	-2 / 2	DPMP		RF
177 ²⁴¹ / _{1 2}	Sanitary Sewer: Manhole 3, STA 15 + 40 for the Utility Easement.	2	Below Grade	07/02/2025	P4	10.1	120.1	96	95	-2 / 2	DPMP		RF
177 ²⁴¹ / _{2 3}	Sanitary Sewer: Manhole 3, STA 15 + 40 for the Utility Easement.	-	At Grade	07/02/2025	P4	9.9	119.9	96	95	-2 / 2	DPMP		RF
177 ²⁴¹ / _{3 4}	Sanitary Sewer: Service, Lot 15 on Sunrise Ridge Dr.	6	Below Grade	07/03/2025	P4	10.1	119.5	96	95	-2 / 2	DPMP		RF
15 ²⁴¹ / ₅	Electric/Gas: Main, STA 78 + 75 on Sunrise Ridge Dr.	-	At Grade	07/03/2025	P2	9.4	116.8	97	95	-2 / 2	DPMP		RF
16 ²⁴¹ / ₆	Electric/Gas: Main, STA 78 + 25 on Sunrise Ridge Dr.	-	At Grade	07/03/2025	P2	8.8	117.1	98	95	-2 / 2	DPMP		RF
17 ²⁴¹ / ₇	Electric/Gas: Main, STA 76 + 50 on Sunrise Ridge Dr.	-	At Grade	07/03/2025	P2	8.1	116.9	97	95	-2 / 2	DPMP		RF
18 ²⁴¹ / ₈	Electric/Gas: Main, STA 74 + 75 on Sunrise Ridge Dr.	-	At Grade	07/03/2025	P2	8.9	116.4	97	95	-2 / 2	DPMP		RF
19 ²⁴¹ / ₉	Electric/Gas: Main, STA 72 + 75 on Sunrise Ridge Dr.	-	At Grade	07/03/2025	P2	8.4	118.2	98	95	-2 / 2	DPMP		RF



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

Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
20 /242 0	Electric/Gas: Main, STA 70 + 50 on Sunrise Ridge Dr.	-	At Grade	07/03/2025	P2	8.8	117.2	98	95	-2 / 2	DPMP		RF
177 /242 4 1	Sanitary Sewer: Service, Lot 35 on Horn Hill Dr.	-	At Grade	07/03/2025	P4	8.7	119.6	96	95	-2 / 2	DPMP		RF
177 /242 5 2	Sanitary Sewer: Service, Lot 36 on Horn Hill Dr.	-	At Grade	07/03/2025	P4	8.3	120.6	97	95	-2 / 2	DPMP		RF
177 /242 6 3	Sanitary Sewer: Manhole 5, STA 20 + 93 on Horn Hill Dr.	-	At Grade	07/03/2025	P4	7.9	121.4	97	95	-2 / 2	DPMP		RF
177 /242 7 4	Sanitary Sewer: Service, Lot 37 on Horn Hill Dr.	-	At Grade	07/03/2025	P4	8.3	122.6	98	95	-2 / 2	DPMP		RF
177 /242 8 5	Sanitary Sewer: Service, Lot 38 on Horn Hill Dr.	-	At Grade	07/03/2025	P4	8.5	119.8	96	95	-2 / 2	DPMP		RF
177 /242 9 6	Sanitary Sewer: Main, STA 19 + 50 on Horn Hill Dr.	-	At Grade	07/03/2025	P4	7.4	122.3	98	95	-2 / 2	DPMP		RF
178 /242 0 7	Sanitary Sewer: Service, Lot 39 on Horn Hill Dr.	-	At Grade	07/03/2025	P4	8.6	120.4	97	95	-2 / 2	DPMP		RF
178 /242 1 8	Sanitary Sewer: Service, Lot 40 on Horn Hill Dr.	-	At Grade	07/03/2025	P4	8.4	120.0	96	95	-2 / 2	DPMP		RF
178 /242 2 9	Sanitary Sewer: Service, Lot 41 on Horn Hill Dr.	-	At Grade	07/03/2025	P4	8.6	119.8	96	95	-2 / 2	DPMP		RF
178 /243 3 0	Sanitary Sewer: Manhole 6, STA 17 + 93 on Horn Hill Dr.	-	At Grade	07/03/2025	P4	7.4	121.4	97	95	-2 / 2	DPMP		RF
178 /243 4 1	Sanitary Sewer: Service, Lot 42 on Horn Hill Dr.	-	At Grade	07/03/2025	P4	8.3	119.8	96	95	-2 / 2	DPMP		RF
178 /243 5 2	Sanitary Sewer: Service, Lot 43 on Horn Hill Dr.	-	At Grade	07/03/2025	P4	9.1	119.4	96	95	-2 / 2	DPMP		RF
178 /243 6 3	Sanitary Sewer: Main, STA 18 + 50 on Horn Hill Dr.	-	At Grade	07/03/2025	P4	7.6	122.7	98	95	-2 / 2	DPMP		RF



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Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
178 /243 7 4	Sanitary Sewer: Service, Lot 44 on Horn Hill Dr.	-	At Grade	07/03/2025	P4	8.9	120.3	97	95	-2 / 2	DPMP		RF
178 /243 8 5	Sanitary Sewer: Service, Lot 45 on Horn Hill Dr.	-	At Grade	07/03/2025	P4	8.5	120.3	97	95	-2 / 2	DPMP		RF
178 /243 9 6	Sanitary Sewer: Manhole 7, STA 14 + 92 on Redwall Dr.	-	At Grade	07/03/2025	P4	8.6	120.8	97	95	-2 / 2	DPMP		RF
179 /243 0 7	Sanitary Sewer: Service, Lot 14 on Sunrise Ridge Dr.	12	Below Grade	07/03/2025	P4	9.3	122.1	98	95	-2 / 2	DPMP		RF

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 - B	SC	8.2	124.7
P6	ASTM D1557 - A	SM	8.2	126.8
P2	ASTM D1557 - A	ML	10.1	120.1
P3	ASTM D1557 - B	SW	7.5	125.8

07/11/2025

Reviewed by: Joey Goode, PE



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Project:

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Rolling Hills Ranch North F1
Peyton, 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
179 /243 1 8	Sanitary Sewer: Service, Lot 51 on Redwall Dr.	2	Below Grade	07/07/2025	P2	9.9	115.6	96	95	-2 / 2	DPMP		RF
179 /243 2 9	Sanitary Sewer: Service, Lot 57 on Redwall Dr.	2	Below Grade	07/07/2025	P2	10.0	115.2	96	95	-2 / 2	DPMP		RF
46 /244 0	Storm Water: Main, STA 11 + 40 in Tract A.	4	Below Grade	07/08/2025	P4	9.9	119.2	96	95	-2 / 2	DPMP		RF
47 /244 1	Storm Water: Main, STA 10 + 60 in Tract A.	4	Below Grade	07/08/2025	P4	9.7	119.4	96	95	-2 / 2	DPMP		RF
179 /244 3 2	Sanitary Sewer: Manhole 8, STA 10 + 75 on Redwall Dr.	10	Below Grade	07/08/2025	P4	9.8	122.7	98	95	-2 / 2	DPMP		RF
179 /244 4 3	Sanitary Sewer: Service, Lot 53 on Redwall Dr.	10	Below Grade	07/08/2025	P4	10.1	121.9	98	95	-2 / 2	DPMP		RF
179 /244 5 4	Sanitary Sewer: Service, Lot 54 on Redwall Dr.	10	Below Grade	07/08/2025	P4	9.6	122.3	98	95	-2 / 2	DPMP		RF
179 /244 6 5	Sanitary Sewer: Service, Lot 55 on Redwall Dr.	8	Below Grade	07/08/2025	P2	10.7	116.1	97	95	-2 / 2	DPMP		RF
179 /244 7 6	Sanitary Sewer: Service, Lot 52 on Redwall Dr.	8	Below Grade	07/08/2025	P2	10.1	115.2	96	95	-2 / 2	DPMP		RF
179 /244 8 7	Sanitary Sewer: Service, Lot 56 on Redwall Dr.	2	Below Grade	07/08/2025	P2	10.6	115.9	97	95	-2 / 2	DPMP		RF
179 /244 9 8	Sanitary Sewer: Main, STA 12 + 00.on Redwall Dr.	2	Below Grade	07/08/2025	P2	10.9	116.1	97	95	-2 / 2	DPMP		RF
180 /244 0 9	Sanitary Sewer: Service, Lot 13 on Sunrise Ridge Dr.	12	Below Grade	07/08/2025	P4	8.9	122.5	98	95	-2 / 2	DPMP		RF
180 /245 1 0	Sanitary Sewer: Service, Lot 14 on Sunrise Ridge Dr.	10	Below Grade	07/08/2025	P4	9.2	122.4	98	95	-2 / 2	DPMP		RF
180 /245 2 1	Sanitary Sewer: Service, Lot 15 on Sunrise Ridge Dr.	4	Below Grade	07/08/2025	P4	9.5	119.9	96	95	-2 / 2	DPMP		RF



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Soil Density Report

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
180 /245 3 2	Sanitary Sewer: Service, Lot 16 on Sunrise Ridge Dr.	2	Below Grade	07/08/2025	P4	10.1	118.4	95	95	-2 / 2	DPMP		RF
180 /245 4 3	Sanitary Sewer: Main, STA 62 + 25 on Sunrise Ridge Dr.	2	Below Grade	07/08/2025	P4	9.7	119.1	96	95	-2 / 2	DPMP		RF
180 /245 5 4	Sanitary Sewer: Service, Lot 52 on Redwall Dr.	6	Below Grade	07/09/2025	P2	10.4	116.1	97	95	-2 / 2	DPMP		RF
180 /245 6 5	Sanitary Sewer: Service, Lot 55 on Redwall Dr.	6	Below Grade	07/09/2025	P2	10.5	115.9	97	95	-2 / 2	DPMP		RF
180 /245 7 6	Sanitary Sewer: Manhole 8, STA 10 + 75 on Redwall Dr.	8	Below Grade	07/09/2025	P4	8.7	119.1	96	95	-2 / 2	DPMP		RF
180 /245 8 7	Sanitary Sewer: Service, Lot 53 on Redwall Dr.	8	Below Grade	07/09/2025	P4	8.9	119.5	96	95	-2 / 2	DPMP		RF
180 /245 9 8	Sanitary Sewer: Service, Lot 54 on Redwall Dr.	8	Below Grade	07/09/2025	P4	9.3	120.1	96	95	-2 / 2	DPMP		RF
181 /245 0 9	Sanitary Sewer: Manhole 8, STA 10 + 75 on Redwall Dr.	6	Below Grade	07/09/2025	P4	8.7	120.6	97	95	-2 / 2	DPMP		RF
181 /246 1 0	Sanitary Sewer: Service, Lot 54 on Redwall Dr.	6	Below Grade	07/09/2025	P4	8.8	119.4	96	95	-2 / 2	DPMP		RF
181 /246 2 1	Sanitary Sewer: Service, Lot 53 on Redwall Dr.	6	Below Grade	07/09/2025	P4	8.3	118.2	95	95	-2 / 2	DPMP		RF
181 /246 3 2	Sanitary Sewer: Service, Lot 52 on Redwall Dr.	4	Below Grade	07/09/2025	P2	10.5	115.1	96	95	-2 / 2	DPMP		RF
181 /246 4 3	Sanitary Sewer: Service, Lot 55 on Redwall Dr.	4	Below Grade	07/09/2025	P2	10.8	115.7	96	95	-2 / 2	DPMP		RF
48 /246 4	Storm Water: Inlet 8, STA 11 + 45 in Tract A, north side of the inlet.	4	Below Grade	07/09/2025	P4	8.7	119.3	96	95	-2 / 2	DPMP		RF
181 /246 5 5	Sanitary Sewer: Manhole 8, STA 10 + 75 on Redwall Dr.	4	Below Grade	07/09/2025	P4	8.6	119.3	96	95	-2 / 2	DPMP		RF



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Soil Density Report

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
181 ²⁴⁶ / _{6 6}	Sanitary Sewer: Service, Lot 54 on Redwall Dr.	4	Below Grade	07/09/2025	P4	8.9	119.5	96	95	-2 / 2	DPMP		RF
181 ²⁴⁶ / _{7 7}	Sanitary Sewer: Service, Lot 53 on Redwall Dr.	4	Below Grade	07/09/2025	P4	8.4	120.1	96	95	-2 / 2	DPMP		RF
181 ²⁴⁶ / _{8 8}	Sanitary Sewer: Service, Lot 52 on Redwall Dr.	2	Below Grade	07/09/2025	P2	10.8	116.3	97	95	-2 / 2	DPMP		RF
181 ²⁴⁶ / _{9 9}	Sanitary Sewer: Service, Lot 55 on Redwall Dr.	2	Below Grade	07/09/2025	P2	10.6	115.4	96	95	-2 / 2	DPMP		RF
182 ²⁴⁷ / _{0 0}	Sanitary Sewer: Service, Lot 54 on Redwall Dr.	2	Below Grade	07/10/2025	P4	8.6	119.4	96	95	-2 / 2	DPMP		RF
182 ²⁴⁷ / _{1 1}	Sanitary Sewer: Manhole 8, STA 10 + 75 on Redwall Dr.	2	Below Grade	07/10/2025	P4	8.4	120.8	97	95	-2 / 2	DPMP		RF
182 ²⁴⁷ / _{2 2}	Sanitary Sewer: Service, Lot 53 on Redwall Dr.	2	Below Grade	07/10/2025	P4	8.8	119.3	96	95	-2 / 2	DPMP		RF
51 ²⁴⁷ / _{3 3}	Storm Water: Manhole J11, STA 66 + 25 on Sunrise Ridge Dr. (STA 11 + 00 in Tract A).	4	Below Grade	07/10/2025	P4	9.0	119.3	96	95	-2 / 2	DPMP		RF
49 ²⁴⁷ / _{4 4}	Storm Water: Manhole J11, STA 66 + 25 on Sunrise Ridge Dr., street side of Inlet 8, STA 11 + 00 in Tract A.	4	Below Grade	07/10/2025	P4	9.9	119.2	96	95	-2 / 2	DPMP		RF
50 ²⁴⁷ / _{5 5}	Storm Water: Main, STA 11 + 40 in Tract A.	2	Below Grade	07/10/2025	P4	8.9	120.2	96	95	-2 / 2	DPMP		RF
52 ²⁴⁷ / _{6 6}	Storm Water: Inlet 9, STA 10 + 80 in Tract A, street side.	4	Below Grade	07/10/2025	P4	9.6	121.4	97	95	-2 / 2	DPMP		RF
53 ²⁴⁷ / _{7 7}	Storm Water: Main, STA 68 + 00 on Sunrise Ridge Dr.	2	Below Grade	07/10/2025	P3	7.9	120.7	96	95	-2 / 2	DPMP		RF
54 ²⁴⁷ / _{8 8}	Storm Water: Inlet 8, STA 11 + 30 in Tract A, north side.	2	Below Grade	07/10/2025	P4	9.8	118.4	95	95	-2 / 2	DPMP		RF
55 ²⁴⁷ / _{9 9}	Storm Water: Manhole J11, STA 66 + 25 on Sunrise Ridge Dr., street side of Inlet 8 (STA 11 + 00 in Tract A).	2	Below Grade	07/10/2025	P4	10.0	119.3	96	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
56 /248 0	Storm Water: Inlet 9, STA 10 + 80 in Tract A, street side.	2	Below Grade	07/10/2025	P4	9.7	121.3	97	95	-2 / 2	DPMP		RF
57 /248 1	Storm Water: Inlet 9, STA 10 + 80 in Tract A, south side.	4	Below Grade	07/10/2025	P4	9.3	119.6	96	95	-2 / 2	DPMP		RF
58 /248 2	Storm Water: Inlet 9, STA 10 + 80 in Tract A, south side.	2	Below Grade	07/10/2025	P4	8.7	120.9	97	95	-2 / 2	DPMP		RF
59 /248 3	Storm Water: Main, STA 10 + 60 in Tract A, south side.	2	Below Grade	07/10/2025	P4	9.9	119.7	96	95	-2 / 2	DPMP		RF
182 /248 4 4	Sanitary Sewer: Manhole 13, STA 60 + 50 on Sunrise Ridge Dr.	12	Below Grade	07/10/2025	P3	9.1	123.2	98	95	-2 / 2	DPMP		RF
182 /248 5 5	Sanitary Sewer: Service, Lot 13 on Sunrise Ridge Dr.	10	Below Grade	07/10/2025	P4	9.7	121.8	98	95	-2 / 2	DPMP		RF
182 /248 6 6	Sanitary Sewer: Service, Lot 14 on Sunrise Ridge Dr.	8	Below Grade	07/10/2025	P4	9.9	118.4	95	95	-2 / 2	DPMP		RF
182 /248 7 7	Sanitary Sewer: Service, Lot 15 on Sunrise Ridge Dr.	2	Below Grade	07/10/2025	P4	9.6	119.2	96	95	-2 / 2	DPMP		RF
182 /248 8 8	Sanitary Sewer: Manhole 13, STA 60 + 50 on Sunrise Ridge Dr.	10	Below Grade	07/11/2025	P3	8.9	121.1	96	95	-2 / 2	DPMP		RF
182 /248 9 9	Sanitary Sewer: Service, Lot 13 on Sunrise Ridge Dr.	8	Below Grade	07/11/2025	P4	9.2	118.6	95	95	-2 / 2	DPMP		RF
183 /249 0 0	Sanitary Sewer: Service, Lot 14 on Sunrise Ridge Dr.	6	Below Grade	07/11/2025	P4	9.9	119.5	96	95	-2 / 2	DPMP		RF
183 /249 1 1	Sanitary Sewer: Service, Lot 14 on Sunrise Ridge Dr.	4	Below Grade	07/11/2025	P4	9.3	119.8	96	95	-2 / 2	DPMP		RF

Remarks

DP/MP : Density Pass / Moisture Pass

Comments

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



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Soil Density Report

Client:

Tech Contractors
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San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, CO

Proctor Data

Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)
P2	ASTM D1557 - A	ML	10.1	120.1
P4	ASTM D1557 - B	SC	8.2	124.7
P3	ASTM D1557 - B	SW	7.5	125.8

07/18/2025

Reviewed by: Joey Goode, PE



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250235
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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
183 / 249 2 2	Sanitary Sewer: Service, Lot 54 on Redwall Dr.	-	At Grade	07/14/2025	P4	8.6	119.6	96	95	-2 / 2	DPMP		RF
183 / 249 3 3	Sanitary Sewer: Service, Lot 55 on Redwall Dr.	-	At Grade	07/14/2025	P2	9.7	116.3	97	95	-2 / 2	DPMP		RF
183 / 249 4 4	Sanitary Sewer: Service, Lot 56 on Redwall Dr.	-	At Grade	07/14/2025	P2	9.2	116.7	97	95	-2 / 2	DPMP		RF
183 / 249 5 5	Sanitary Sewer: Service, Lot 57 on Redwall Dr.	-	At Grade	07/14/2025	P2	9.2	115.8	96	95	-2 / 2	DPMP		RF
183 / 249 6 6	Sanitary Sewer: Service, Lot 58 on Redwall Dr.	-	At Grade	07/14/2025	P2	9.9	115.9	97	95	-2 / 2	DPMP		RF
183 / 249 7 7	Sanitary Sewer: Service, Lot 59 on Redwall Dr.	-	At Grade	07/14/2025	P2	9.4	115.6	96	95	-2 / 2	DPMP		RF
183 / 249 8 8	Sanitary Sewer: Service, Lot 60 on Redwall Dr.	-	At Grade	07/14/2025	P2	9.4	117.5	98	95	-2 / 2	DPMP		RF
183 / 249 9 9	Sanitary Sewer: Service, Lot 46 on Redwall Dr.	-	At Grade	07/14/2025	P4	9.1	119.7	96	95	-2 / 2	DPMP		RF
184 / 250 0 0	Sanitary Sewer: Service, Lot 47 on Redwall Dr.	-	At Grade	07/14/2025	P2	9.8	116.8	97	95	-2 / 2	DPMP		RF
184 / 250 1 1	Sanitary Sewer: Service, Lot 48 on Redwall Dr.	-	At Grade	07/14/2025	P2	9.3	116.7	97	95	-2 / 2	DPMP		RF
184 / 250 2 2	Sanitary Sewer: Main, STA 13 + 50 on Redwall Dr.	-	At Grade	07/14/2025	P2	8.9	116.3	97	95	-2 / 2	DPMP		RF
184 / 250 3 3	Sanitary Sewer: Service, Lot 49 on Redwall Dr.	-	At Grade	07/14/2025	P2	9.3	115.2	96	95	-2 / 2	DPMP		RF
184 / 250 4 4	Sanitary Sewer: Service, Lot 50 on Redwall Dr.	-	At Grade	07/14/2025	P2	9.4	116.1	97	95	-2 / 2	DPMP		RF



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Rolling Hills Ranch North F1
Peyton, 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
184 /250 5 5	Sanitary Sewer: Service, Lot 51 on Redwall Dr.	-	At Grade	07/14/2025	P2	9.5	116.8	97	95	-2 / 2	DPMP		RF
184 /250 6 6	Sanitary Sewer: Main, STA 12 + 00 on Redwall Dr.	-	At Grade	07/14/2025	P2	9.4	117.1	98	95	-2 / 2	DPMP		RF
184 /250 7 7	Sanitary Sewer: Service, Lot 52 on Redwall Dr.	-	At Grade	07/14/2025	P2	9.6	115.7	96	95	-2 / 2	DPMP		RF
184 /250 8 8	Sanitary Sewer: Service, Lot 53 on Redwall Dr.	-	At Grade	07/14/2025	P4	9.1	119.1	96	95	-2 / 2	DPMP		RF
60 /250 9	Storm Water: Main, STA 68 + 00 on Sunrise Ridge Dr.	-	At Grade	07/14/2025	P3	8.3	121.8	97	95	-2 / 2	DPMP		RF
61 /251 0	Storm Water: Manhole J11 (STA 66 + 25 on Sunrise Ridge Dr.) and street side of Inlet 8, STA 11 + 00 in Tract A.	-	At Grade	07/16/2025	P4	8.6	119.2	96	95	-2 / 2	DPMP		RF
62 /251 1	Storm Water: Manhole J11, STA 66 + 25 on Sunrise Ridge Dr.	-	At Grade	07/16/2025	P4	9.0	120.6	97	95	-2 / 2	DPMP		RF
63 /251 2	Storm Water: Inlet 9, STA 10 + 80, street side in Tract A.	-	At Grade	07/16/2025	P4	8.9	119.7	96	95	-2 / 2	DPMP		RF
64 /251 3	Storm Water: Inlet 9, STA 10 + 80, south side in Tract A.	-	At Grade	07/16/2025	P4	8.3	119.2	96	95	-2 / 2	DPMP		RF
65 /251 4	Storm Water: Main, STA 10 + 60 in Tract A.	-	At Grade	07/16/2025	P4	8.4	120.3	97	95	-2 / 2	DPMP		RF
66 /251 5	Storm Water: Main, STA 11 + 40, north side in Tract A.	-	At Grade	07/16/2025	P4	8.3	119.5	96	95	-2 / 2	DPMP		RF
67 /251 6	Storm Water: Inlet 8, STA 11 + 10, north side in Tract A.	-	At Grade	07/16/2025	P4	8.7	121.2	97	95	-2 / 2	DPMP		RF
68 /251 7	Storm Water: Main, STA 10 + 25 on Cardenas Dr.	2	Below Grade	07/16/2025	P3	7.9	120.4	96	95	-2 / 2	DPMP		RF
69 /251 8	Storm Water: Inlet 7, STA 10 + 48, street side on Cardenas Dr.	2	Below Grade	07/16/2025	P3	8.0	121.2	96	95	-2 / 2	DPMP		RF
70 /251 9	Storm Water: Inlet 7, STA 10 + 48, lot side on Cardenas Dr.	2	Below Grade	07/16/2025	P3	8.2	121.3	96	95	-2 / 2	DPMP		RF



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

Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
71 /252 0	Storm Water: Manhole 10174, STA 69 + 40, on Sunrise Ridge Dr.	4	Below Grade	07/16/2025	P3	8.6	120.8	96	95	-2 / 2	DPMP		RF
72 /252 1	Storm Water: Manhole 10174, STA 69 + 40, on Sunrise Ridge Dr.	2	Below Grade	07/16/2025	P3	8.8	120.3	96	95	-2 / 2	DPMP		RF
73 /252 2	Storm Water: Main, STA 65 + 00 on Sunrise Ridge Dr.	2	Below Grade	07/16/2025	P4	9.8	119.4	96	95	-2 / 2	DPMP		RF
184 /252 9 3	Sanitary Sewer: Service, Lot 14 on Sunrise Ridge Dr.	2	Below Grade	07/17/2025	P4	8.9	119.8	96	95	-2 / 2	DPMP		RF
185 /252 0 4	Sanitary Sewer: Service, Lot 13 on Sunrise Ridge Dr.	6	Below Grade	07/17/2025	P4	8.7	120.1	96	95	-2 / 2	DPMP		RF
185 /252 1 5	Sanitary Sewer: Service, Lot 12 on Sunrise Ridge Dr.	12	Below Grade	07/17/2025	P3	9.2	123.6	98	95	-2 / 2	DPMP		RF
185 /252 2 6	Sanitary Sewer: Manhole 13, STA 60 + 50 on Sunrise Ridge Dr.	8	Below Grade	07/17/2025	P3	9.2	121.0	96	95	-2 / 2	DPMP		RF
185 /252 3 7	Sanitary Sewer: Manhole 13, STA 60 + 50 on Sunrise Ridge Dr.	6	Below Grade	07/17/2025	P3	9.2	119.1	95	95	-2 / 2	DPMP		RF
185 /252 4 8	Sanitary Sewer: Service, Lot 12 on Sunrise Ridge Dr.	10	Below Grade	07/17/2025	P3	8.6	123.4	98	95	-2 / 2	DPMP		RF
185 /252 5 9	Sanitary Sewer: Service, Lot 11 on Sunrise Ridge Dr.	12	Below Grade	07/17/2025	P3	8.9	123.2	98	95	-2 / 2	DPMP		RF
185 /253 6 0	Sanitary Sewer: Main, STA 59 + 50 on Sunrise Ridge Dr.	12	Below Grade	07/17/2025	P3	8.3	123.7	98	95	-2 / 2	DPMP		RF
74 /253 1	Storm Water: Inlet 7, STA 10 + 48, lot side on Cardenas Dr.	-	At Grade	07/18/2025	P3	8.1	120.8	96	95	-2 / 2	DPMP		RF
75 /253 2	Storm Water: Inlet 7, STA 10 + 48, street side on Cardenas Dr.	-	At Grade	07/18/2025	P3	7.9	121.6	97	95	-2 / 2	DPMP		RF
76 /253 3	Storm Water: Main, STA 10 + 25, on Cardenas Dr.	-	At Grade	07/18/2025	P3	8.0	122.4	97	95	-2 / 2	DPMP		RF
77 /253 4	Storm Water: Manhole 10174, STA 69 + 40, on Sunrise Ridge Dr.	-	At Grade	07/18/2025	P3	8.6	121.1	96	95	-2 / 2	DPMP		RF



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Soil Density Report

Client:

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
185 /253 7 5	Sanitary Sewer: Manhole 8, STA 10 + 75, on Redwall Dr.	-	At Grade	07/18/2025	P4	8.6	119.7	96	95	-2 / 2	DPMP		RF
185 /253 8 6	Sanitary Sewer: Service, Lot 13 on Sunrise Ridge Dr.	4	At Grade	07/18/2025	P4	8.8	119.2	96	95	-2 / 2	DPMP		RF
185 /253 9 7	Sanitary Sewer: Service, Lot 12 on Sunrise Ridge Dr.	8	At Grade	07/18/2025	P3	8.0	120.9	96	95	-2 / 2	DPMP		RF
186 /253 0 8	Sanitary Sewer: Service, Lot 11 on Sunrise Ridge Dr.	10	At Grade	07/18/2025	P3	9.1	122.8	98	95	-2 / 2	DPMP		RF
186 /253 1 9	Sanitary Sewer: Main, STA 59 + 50 on Sunrise Ridge Dr.	10	At Grade	07/18/2025	P3	8.9	122.9	98	95	-2 / 2	DPMP		RF
186 /254 2 0	Sanitary Sewer: Manhole 13, STA 60 + 50 on Sunrise Ridge Dr.	4	At Grade	07/18/2025	P3	9.2	121.8	97	95	-2 / 2	DPMP		RF
186 /254 3 1	Sanitary Sewer: Service, Lot 12 on Sunrise Ridge Dr.	6	At Grade	07/18/2025	P3	8.7	120.3	96	95	-2 / 2	DPMP		RF
186 /254 4 2	Sanitary Sewer: Service, Lot 11 on Sunrise Ridge Dr.	8	At Grade	07/18/2025	P3	8.8	120.8	96	95	-2 / 2	DPMP		RF
186 /254 5 3	Sanitary Sewer: Service, Lot 10 on Sunrise Ridge Dr.	12	At Grade	07/18/2025	P3	8.3	122.6	98	95	-2 / 2	DPMP		RF
186 /254 6 4	Sanitary Sewer: Main, STA 59 + 50 on Sunrise Ridge Dr.	8	At Grade	07/18/2025	P3	8.4	121.7	97	95	-2 / 2	DPMP		RF

Remarks

DP/MP : Density Pass / Moisture Pass

Comments

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



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Client:

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, CO

Proctor Data

Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)
P4	ASTM D1557 - B	SC	8.2	124.7
P2	ASTM D1557 - A	ML		
P2	ASTM D1557 - A	ML	10.1	120.1
P3	ASTM D1557 - B	SW	7.5	125.8

07/22/2025

Reviewed by: Joey Goode, PE



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
186 / 254 7 5	Sanitary Sewer: Manhole 13, STA 60 + 50 on Sunrise Ridge Dr.	2	Below Grade	07/21/2025	P3	7.9	121.3	96	95	-2 / 2	DPMP		RF
186 / 254 8 6	Sanitary Sewer: Service, Lot 12 on Sunrise Ridge Dr.	4	Below Grade	07/21/2025	P3	8.2	120.5	96	95	-2 / 2	DPMP		RF
186 / 254 9 7	Sanitary Sewer: Service, Lot 13 on Sunrise Ridge Dr.	2	Below Grade	07/21/2025	P4	8.8	119.9	96	95	-2 / 2	DPMP		RF
21 / 254 8	Electric/Gas: Main, STA 10 + 67 on Cardenas Dr.	-	At Grade	07/21/2025	P2	9.9	118.1	98	95	-2 / 2	DPMP		RF
3 / 254 9	Other: Telecommunications/Main, STA 10 + 69 on Cardenas Dr.	-	At Grade	07/21/2025	P2	9.8	116.5	97	95	-2 / 2	DPMP		RF
4 / 255 0	Other: Telecommunications/Main, STA 69 + 10 on Sunrise Ridge Dr.	-	At Grade	07/21/2025	P3	7.6	120.3	96	95	-2 / 2	DPMP		RF
187 / 255 0 1	Sanitary Sewer: Service, Lot 11 on Sunrise Ridge Dr.	6	Below Grade	07/21/2025	P3	8.2	119.4	95	95	-2 / 2	DPMP		RF
187 / 255 1 2	Sanitary Sewer: Service, Lot 12 on Sunrise Ridge Dr.	2	Below Grade	07/21/2025	P3	8.1	119.1	95	95	-2 / 2	DPMP		RF
187 / 255 2 3	Sanitary Sewer: Service, Lot 11 on Sunrise Ridge Dr.	4	Below Grade	07/21/2025	P3	8.2	120.4	96	95	-2 / 2	DPMP		RF
187 / 255 3 4	Sanitary Sewer: Service, Lot 17 on Sunrise Ridge Dr.	-	At Grade	07/22/2025	P6	7.8	121.6	96	95	-2 / 2	DPMP		RF
187 / 255 4 5	Sanitary Sewer: Service, Lot 16 on Sunrise Ridge Dr.	-	At Grade	07/22/2025	P4	8.7	119.8	96	95	-2 / 2	DPMP		RF
187 / 255 5 6	Sanitary Sewer: Main, STA 62 + 25 on Sunrise Ridge Dr.	-	At Grade	07/22/2025	P4	8.2	121.3	97	95	-2 / 2	DPMP		RF
187 / 255 6 7	Sanitary Sewer: Service, Lot 15 on Sunrise Ridge Dr.	-	At Grade	07/22/2025	P4	8.7	120.3	97	95	-2 / 2	DPMP		RF
187 / 255 7 8	Sanitary Sewer: Service, Lot 14 on Sunrise Ridge Dr.	-	At Grade	07/22/2025	P4	8.5	119.7	96	95	-2 / 2	DPMP		RF



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Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
187 / 255 8 9	Sanitary Sewer: Main, STA 59 + 50 on Sunrise Ridge Dr.	6	At Grade	07/22/2025	P3	9.1	120.4	96	95	-2 / 2	DPMP		RF
187 / 256 9 0	Sanitary Sewer: Main, STA 59 + 50 on Sunrise Ridge Dr.	4	At Grade	07/22/2025	P3	8.3	120.7	96	95	-2 / 2	DPMP		RF
188 / 256 0 1	Sanitary Sewer: Main, STA 58 + 00 on Sunrise Ridge Dr.	12	At Grade	07/22/2025	P4	9.7	122.5	98	95	-2 / 2	DPMP		RF
188 / 256 1 2	Sanitary Sewer: Service, Lot 8 on Sunrise Ridge Dr.	12	At Grade	07/22/2025	P4	8.4	121.8	98	95	-2 / 2	DPMP		RF
188 / 256 2 3	Sanitary Sewer: Service, Lot 9 on Sunrise Ridge Dr.	12	At Grade	07/22/2025	P4	8.6	122.3	98	95	-2 / 2	DPMP		RF
188 / 256 3 4	Sanitary Sewer: Main, STA 58 + 00 on Sunrise Ridge Dr.	10	At Grade	07/22/2025	P4	8.5	121.9	98	95	-2 / 2	DPMP		RF
188 / 256 4 5	Sanitary Sewer: Service, Lot 10 on Sunrise Ridge Dr.	10	At Grade	07/22/2025	P3	8.3	122.6	98	95	-2 / 2	DPMP		RF
554 / 256 6	Water: Hydrant 9, STA 31 + 43 on Galeros Dr.	4	Below Grade	07/23/2025	P4	9.2	118.4	95	95	-2 / 2	DPMP		RF
555 / 256 7	Water: Hydrant 9, STA 31 + 43 on Galeros Dr.	2	Below Grade	07/23/2025	P4	9.5	118.2	95	95	-2 / 2	DPMP		RF
556 / 256 8	Water: Valve, STA 32 + 22 on Galeros Dr.	6	Below Grade	07/23/2025	P6	8.0	121.3	96	95	-2 / 2	DPMP		RF
557 / 256 9	Water: Valve, STA 32 + 22 on Galeros Dr.	4	Below Grade	07/23/2025	P6	9.3	120.4	95	95	-2 / 2	DPMP		RF
188 / 257 5 0	Sanitary Sewer: Service, Lot 11 on Sunrise Ridge Dr.	2	Below Grade	07/23/2025	P3	8.9	119.7	95	95	-2 / 2	DPMP		RF
559 / 257 1	Water: Valve, STA 32 + 22 on Galeros Dr.	2	Below Grade	07/23/2025	P6	9.3	121.2	96	95	-2 / 2	DPMP		RF
188 / 257 6 2	Sanitary Sewer: Main, STA 59 + 50 on Sunrise Ridge Dr.	2	Below Grade	07/23/2025	P3	8.1	120.3	96	95	-2 / 2	DPMP		RF
188 / 257 7 3	Sanitary Sewer: Service, Lot 10 on Sunrise Ridge Dr.	8	Below Grade	07/23/2025	P3	8.6	120.1	96	95	-2 / 2	DPMP		RF



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Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
188 / 257 8 4	Sanitary Sewer: Main, STA 58 + 00 on Sunrise Ridge Dr.	8	Below Grade	07/23/2025	P4	9.6	119.7	96	95	-2 / 2	DPMP		RF
188 / 257 9 5	Sanitary Sewer: Service, Lot 9 on Sunrise Ridge Dr.	10	Below Grade	07/23/2025	P4	8.6	120.7	97	95	-2 / 2	DPMP		RF
189 / 257 0 6	Sanitary Sewer: Service, Lot 8 on Sunrise Ridge Dr.	10	Below Grade	07/23/2025	P4	8.8	119.5	96	95	-2 / 2	DPMP		RF
560 / 257 7	Water: Valves, STA 31 + 75 on Galeros Dr.	6	Below Grade	07/23/2025	P4	9.1	119.6	96	95	-2 / 2	DPMP		RF
189 / 257 1 8	Sanitary Sewer: Service, Lot 10 on Sunrise Ridge Dr.	6	Below Grade	07/23/2025	P3	8.4	120.8	96	95	-2 / 2	DPMP		RF
189 / 257 2 9	Sanitary Sewer: Main, STA 58 + 00 on Sunrise Ridge Dr.	6	Below Grade	07/23/2025	P4	8.9	119.4	96	95	-2 / 2	DPMP		RF
189 / 258 3 0	Sanitary Sewer: Service, Lot 9 on Sunrise Ridge Dr.	8	Below Grade	07/23/2025	P4	9.1	119.8	96	95	-2 / 2	DPMP		RF
561 / 258 1	Water: Valves, STA 31 + 75 on Galeros Dr.	4	Below Grade	07/23/2025	P4	8.7	119.2	96	95	-2 / 2	DPMP		RF
562 / 258 2	Water: Main, STA 32 + 00 (lowering for Storm Water) on Galeros Dr.	6	Below Grade	07/23/2025	P4	9.7	119.8	96	95	-2 / 2	DPMP		RF
563 / 258 3	Water: Main, STA 33 + 50 on Galeros Dr.	4	Below Grade	07/23/2025	P6	9.7	123.2	97	95	-2 / 2	DPMP		RF
564 / 258 4	Water: Valves, STA 31 + 75 on Galeros Dr.	2	Below Grade	07/23/2025	P4	8.9	120.3	97	95	-2 / 2	DPMP		RF
565 / 258 5	Water: Main, STA 66 + 00 on Sunrise Ridge Dr.	4	Below Grade	07/23/2025	P3	7.8	120.1	96	95	-2 / 2	DPMP		RF
189 / 258 4 6	Sanitary Sewer: Service, STA Lot 10 on Sunrise Ridge Dr.	4	Below Grade	07/23/2025	P3	8.1	121.2	96	95	-2 / 2	DPMP		RF
189 / 258 5 7	Sanitary Sewer: Service, Lot 10 on Sunrise Ridge Dr.	2	Below Grade	07/24/2025	P3	8.6	120.7	96	95	-2 / 2	DPMP		RF
189 / 258 6 8	Sanitary Sewer: Main, STA 58 + 00 on Sunrise Ridge Dr.	4	Below Grade	07/24/2025	P4	9.4	119.4	96	95	-2 / 2	DPMP		RF



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Soil Density Report

Client:

Tech Contractors
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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
189 /258 7 9	Sanitary Sewer: Service, Lot 9 on Sunrise Ridge Dr.	6	Below Grade	07/24/2025	P4	8.6	120.4	97	95	-2 / 2	DPMP		RF
189 /259 8 0	Sanitary Sewer: Main, STA 58 + 00 on Sunrise Ridge Dr.	2	Below Grade	07/24/2025	P4	8.7	119.9	96	95	-2 / 2	DPMP		RF
189 /259 9 1	Sanitary Sewer: Service, Lot 9 on Sunrise Ridge Dr.	4	Below Grade	07/24/2025	P4	8.5	118.1	95	95	-2 / 2	DPMP		RF
566 /259 2	Water: Main, STA 33 + 50 on Galeros Dr.	2	Below Grade	07/24/2025	P6	8.7	121.8	96	95	-2 / 2	DPMP		RF
567 /259 3	Water: Main, STA 32 + 00 (lowering for Storm Water) on Galeros Dr.	4	Below Grade	07/24/2025	P4	8.5	119.8	96	95	-2 / 2	DPMP		RF
568 /259 4	Water: Main, STA 66 + 00 on Sunrise Ridge Dr.	2	Below Grade	07/24/2025	P3	9.1	120.3	96	95	-2 / 2	DPMP		RF
190 /259 0 5	Sanitary Sewer: Service, Lot 8 on Sunrise Ridge Dr.	8	Below Grade	07/24/2025	P4	8.3	120.6	97	95	-2 / 2	DPMP		RF
190 /259 1 6	Sanitary Sewer: Service, Lot 9 on Sunrise Ridge Dr.	2	Below Grade	07/24/2025	P4	8.0	119.3	96	95	-2 / 2	DPMP		RF
569 /259 7	Water: Main, STA 32 + 00 (lowering for Storm Water) on Galeros Dr.	2	Below Grade	07/24/2025	P4	8.8	120.2	96	95	-2 / 2	DPMP		RF
1 /259 8	Roadway Subgrade: STA 72 + 55, 3' south of future north curb, on Sunrise Ridge Dr.	2	Below Grade	07/25/2025	P2	9.4	115.4	96	95	-2 / 2	DPMP		RF
2 /259 9	Roadway Subgrade: STA 76 + 90, 3' north of future south curb, on Sunrise Ridge Dr.	2	Below Grade	07/25/2025	P2	9.7	117.6	98	95	-2 / 2	DPMP		RF
3 /260 0	Roadway Subgrade: STA 77 + 80, 3' north of future south curb, on Sunrise Ridge Dr.	2	Below Grade	07/25/2025	P2	8.3	117.7	98	95	-2 / 2	DPMP		RF
4 /260 1	Roadway Subgrade: STA 72 + 36, 3' south of future north curb, on Sunrise Ridge Dr.	-	At Grade	07/25/2025	P2	9.1	114.7	96	95	-2 / 2	DPMP		RF
5 /260 2	Roadway Subgrade: STA 78 + 13, 3' south of future north curb, on Sunrise Ridge Dr.	2	Below Grade	07/25/2025	P2	9.8	118.2	98	95	-2 / 2	DPMP		RF
6 /260 3	Roadway Subgrade: STA 77 + 85, 3' south of future north curb, on Sunrise Ridge Dr.	4	Below Grade	07/25/2025	P2	9.1	115.2	96	95	-2 / 2	DPMP		RF



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250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
7 / 260 4	Roadway Subgrade: STA 77 + 90, 3' south of future north curb, on Sunrise Ridge Dr.	2	Below Grade	07/25/2025	P2	8.7	117.9	98	95	-2 / 2	DPMP		RF
8 / 260 5	Roadway Subgrade: STA 78 + 00, 3' north of future south curb, on Sunrise Ridge Dr.	-	At Grade	07/25/2025	P2	8.5	118.1	98	95	-2 / 2	DPMP		RF
9 / 260 6	Roadway Subgrade: STA 76 + 75, 3' north of future south curb, on Sunrise Ridge Dr.	-	At Grade	07/25/2025	P2	8.2	117.8	98	95	-2 / 2	DPMP		RF

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 D1557 - B	SW	7.5	125.8
P4	ASTM D1557 - B	SC	8.2	124.7
P2	ASTM D1557 - A	ML	10.1	120.1
P6	ASTM D1557 - A	SM	8.2	126.8

08/01/2025

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
10 /2607	Roadway Subgrade: STA 78 + 25, 3' south of future north curb, on Sunrise Ridge Dr.	-	At Grade	07/28/2025	P2	8.7	116.5	97	95	-2 / 2	DPMP		RF
11 /2608	Roadway Subgrade: STA 77 + 25, 3' south of future north curb, on Sunrise Ridge Dr.	-	At Grade	07/28/2025	P2	8.6	117.9	98	95	-2 / 2	DPMP		RF
570 /2609	Water: Main, STA 66 + 00 on Sunrise Ridge Dr.	-	At Grade	07/28/2025	P3	7.9	120.9	96	95	-2 / 2	DPMP		RF
571 /2610	Water: Main, STA 33 + 50 on Galeros Dr.	-	At Grade	07/28/2025	P6	7.5	122.3	97	95	-2 / 2	DPMP		RF
572 /2611	Water: Valve, STA 32 + 22 on Galeros Dr.	-	At Grade	07/28/2025	P6	7.6	122.5	97	95	-2 / 2	DPMP		RF
573 /2612	Water: Main, STA 32 + 00 (lowering for Storm Water) on Galeros Dr.	-	At Grade	07/28/2025	P4	7.3	119.1	96	95	-2 / 2	DPMP		RF
190 /26123	Sanitary Sewer: Service, Lot 7 on Sunrise Ridge Dr.	14	Below Grade	07/28/2025	P4	7.9	122.7	98	95	-2 / 2	DPMP		RF
190 /26134	Sanitary Sewer: Service, Lot 7 on Sunrise Ridge Dr.	12	Below Grade	07/28/2025	P4	8.2	121.8	98	95	-2 / 2	DPMP		RF
190 /26145	Sanitary Sewer: Service, Lot 7 on Sunrise Ridge Dr.	10	Below Grade	07/28/2025	P4	7.2	122.4	98	95	-2 / 2	DPMP		RF
190 /26156	Sanitary Sewer: Service, Lot 6 on Sunrise Ridge Dr.	14	Below Grade	07/28/2025	P4	7.6	122.1	98	95	-2 / 2	DPMP		RF
190 /26167	Sanitary Sewer: Service, Lot 6 on Sunrise Ridge Dr.	12	Below Grade	07/28/2025	P4	7.8	121.7	98	95	-2 / 2	DPMP		RF
190 /26178	Sanitary Sewer: Service, Lot 7 on Sunrise Ridge Dr.	8	Below Grade	07/28/2025	P4	7.3	119.7	96	95	-2 / 2	DPMP		RF
12 /2619	Roadway Subgrade: STA 17 + 81, 2' north of the future south curb on House Rock Dr.	2	Below Grade	07/28/2025	P1	7.2	122.6	96	95	-2 / 2	DPMP		RF
13 /2620	Roadway Subgrade: STA 18 + 31, 3' north of the future south curb on House Rock Dr.	2	Below Grade	07/28/2025	P1	7.8	122.8	96	95	-2 / 2	DPMP		RF



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Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
14 /262 1	Roadway Subgrade: STA 20 + 75, 2' south of Manhole 23 on House Rock Dr.	2	Below Grade	07/28/2025	P1	8.2	122.5	96	95	-2 / 2	DPMP		RF
15 /262 2	Roadway Subgrade: STA 20 + 75, 2' north of Manhole 23 on House Rock Dr.	2	Below Grade	07/28/2025	P1	7.8	121.9	96	95	-2 / 2	DPMP		RF
190 /262 8 3	Sanitary Sewer: Service, Lot 7 on Sunrise Ridge Dr.	6	Below Grade	07/28/2025	P4	8.3	118.7	95	95	-2 / 2	DPMP		RF
190 /262 9 4	Sanitary Sewer: Service, Lot 6 on Sunrise Ridge Dr.	10	Below Grade	07/28/2025	P4	8.1	122.4	98	95	-2 / 2	DPMP		RF
191 /262 0 5	Sanitary Sewer: Main, STA 55 + 00 on Sunrise Ridge Dr.	14	Below Grade	07/28/2025	P4	7.9	122.1	98	95	-2 / 2	DPMP		RF
16 /262 6	Roadway Subgrade: STA 17 + 85, 2' north of the future south curb on House Rock Dr.	-	At Grade	07/28/2025	P1	7.3	122.6	96	95	-2 / 2	DPMP		RF
17 /262 7	Roadway Subgrade: STA 18 + 20, 2' north of the future south curb on House Rock Dr.	-	At Grade	07/28/2025	P1	7.8	121.8	96	95	-2 / 2	DPMP		RF
191 /262 1 8	Sanitary Sewer: Service, Lot 6 on Sunrise Ridge Dr.	8	Below Grade	07/28/2025	P4	8.7	119.6	96	95	-2 / 2	DPMP		RF
191 /262 2 9	Sanitary Sewer: Service, Lot 13 on Sunrise Ridge Dr.	-	At Grade	07/29/2025	P4	7.6	119.4	96	95	-2 / 2	DPMP		RF
191 /263 3 0	Sanitary Sewer: Manhole 13, STA 60 + 50 on Sunrise Ridge Dr.	-	At Grade	07/29/2025	P3	7.8	120.4	96	95	-2 / 2	DPMP		RF
191 /263 4 1	Sanitary Sewer: Service, Lot 12 on Sunrise Ridge Dr.	-	At Grade	07/29/2025	P3	6.2	122.8	98	95	-2 / 2	DPMP		RF
191 /263 5 2	Sanitary Sewer: Service, Lot 11 on Sunrise Ridge Dr.	-	At Grade	07/29/2025	P3	7.1	120.7	96	95	-2 / 2	DPMP		RF
191 /263 6 3	Sanitary Sewer: Service, Lot 10 on Sunrise Ridge Dr.	-	At Grade	07/29/2025	P3	7.4	120.3	96	95	-2 / 2	DPMP		RF
191 /263 7 4	Sanitary Sewer: Main, STA 58 + 00 on Sunrise Ridge Dr.	-	At Grade	07/29/2025	P4	7.6	119.9	96	95	-2 / 2	DPMP		RF
18 /263 5	Roadway Subgrade: STA 18 + 00, 3' north of the future south curb on House Rock Dr.	-	At Grade	07/29/2025	P1	8.5	122.1	96	95	-2 / 2	DPMP		RF



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Rolling Hills Ranch North F1
Peyton, CO

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19 /263 6	Roadway Subgrade: STA 20 + 74, 3' north of Manhole 23 on House Rock Dr.	-	At Grade	07/29/2025	P1	8.1	121.6	95	95	-2 / 2	DPMP		RF
191 /263 8 7	Sanitary Sewer: Manhole 14, STA 56 + 50 on Sunrise Ridge Dr.	12	Below Grade	07/29/2025	P4	7.3	121.7	98	95	-2 / 2	DPMP		RF
191 /263 9 8	Sanitary Sewer: Manhole 14, STA 56 + 50 on Sunrise Ridge Dr.	10	Below Grade	07/29/2025	P4	8.1	122.7	98	95	-2 / 2	DPMP		RF
192 /263 0 9	Sanitary Sewer: Manhole 14, STA 56 + 50 on Sunrise Ridge Dr.	8	Below Grade	07/29/2025	P4	8.4	119.8	96	95	-2 / 2	DPMP		RF
192 /264 1 0	Sanitary Sewer: Service, Lot 6 on Sunrise Ridge Dr.	6	Below Grade	07/29/2025	P4	7.4	120.7	97	95	-2 / 2	DPMP		RF
192 /264 2 1	Sanitary Sewer: Service, Lot 8 on Sunrise Ridge Dr.	6	Below Grade	07/29/2025	P4	8.6	119.5	96	95	-2 / 2	DPMP		RF
192 /264 3 2	Sanitary Sewer: Service, Lot 5 on Sunrise Ridge Dr.	14	Below Grade	07/29/2025	P4	8.0	121.8	98	95	-2 / 2	DPMP		RF
192 /264 4 3	Sanitary Sewer: Manhole 14, STA 56 + 50 on Sunrise Ridge Dr.	6	Below Grade	07/29/2025	P4	8.1	120.3	97	95	-2 / 2	DPMP		RF
192 /264 5 4	Sanitary Sewer: Main, STA 55 + 00 on Sunrise Ridge Dr.	12	Below Grade	07/30/2025	P4	7.9	122.3	98	95	-2 / 2	DPMP		RF
192 /264 6 5	Sanitary Sewer: Service, Lot 5 on Sunrise Ridge Dr.	12	Below Grade	07/30/2025	P4	8.4	119.2	96	95	-2 / 2	DPMP		RF
192 /264 7 6	Sanitary Sewer: Service, Lot 6 on Sunrise Ridge Dr.	4	Below Grade	07/30/2025	P4	7.8	119.4	96	95	-2 / 2	DPMP		RF
192 /264 8 7	Sanitary Sewer: Service, Lot 7 on Sunrise Ridge Dr.	4	Below Grade	07/30/2025	P4	8.1	120.3	97	95	-2 / 2	DPMP		RF
192 /264 9 8	Sanitary Sewer: Service, Lot 8 on Sunrise Ridge Dr.	4	Below Grade	07/30/2025	P4	7.4	119.7	96	95	-2 / 2	DPMP		RF
193 /264 0 9	Sanitary Sewer: Manhole 14, STA 56 + 50 on Sunrise Ridge Dr.	4	Below Grade	07/30/2025	P4	7.6	120.5	97	95	-2 / 2	DPMP		RF



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Project:

250235
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Rolling Hills Ranch North F1
Peyton, 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
193 /265 1 0	Sanitary Sewer: Service, Lot 8 on Sunrise Ridge Dr.	2	Below Grade	07/30/2025	P4	8.3	119.6	96	95	-2 / 2	DPMP		RF
193 /265 2 1	Sanitary Sewer: Service, Lot 7 on Sunrise Ridge Dr.	2	Below Grade	07/30/2025	P4	7.9	120.4	97	95	-2 / 2	DPMP		RF
193 /265 3 2	Sanitary Sewer: Manhole 14, STA 56 + 50 on Sunrise Ridge Dr.	2	Below Grade	07/30/2025	P4	8.3	121.3	97	95	-2 / 2	DPMP		RF
193 /265 4 3	Sanitary Sewer: Service, Lot 6 on Sunrise Ridge Dr.	2	Below Grade	07/30/2025	P4	8.2	119.9	96	95	-2 / 2	DPMP		RF
193 /265 5 4	Sanitary Sewer: Main, STA 55 + 00 on Sunrise Ridge Dr.	10	Below Grade	07/30/2025	P4	8.1	122.4	98	95	-2 / 2	DPMP		RF
193 /265 6 5	Sanitary Sewer: Service, Lot 5 on Sunrise Ridge Dr.	10	Below Grade	07/30/2025	P4	8.2	121.9	98	95	-2 / 2	DPMP		RF
193 /265 7 6	Sanitary Sewer: Service, Lot 4 on Sunrise Ridge Dr.	14	Below Grade	07/30/2025	P4	7.9	122.7	98	95	-2 / 2	DPMP		RF
193 /265 8 7	Sanitary Sewer: Service, Lot 3 on Sunrise Ridge Dr.	14	Below Grade	07/30/2025	P4	8.1	122.3	98	95	-2 / 2	DPMP		RF
574 /265 8	Water: Main, STA 31 + 75 on Galeros Dr.	8	Below Grade	07/30/2025	P4	8.6	120.6	97	95	-2 / 2	DPMP		RF
575 /265 9	Water: Main, STA 31 + 75 on Galeros Dr.	6	Below Grade	07/30/2025	P4	8.9	119.6	96	95	-2 / 2	DPMP		RF
576 /266 0	Water: Main, STA 31 + 75 on Galeros Dr.	4	Below Grade	07/30/2025	P4	8.9	119.6	96	95	-2 / 2	DPMP		RF
577 /266 1	Water: Main, STA 31 + 75 on Galeros Dr.	2	Below Grade	07/31/2025	P4	9.1	119.3	96	95	-2 / 2	DPMP		RF
193 /266 9 2	Sanitary Sewer: Main, STA 55 + 00 on Sunrise Ridge Dr.	8	Below Grade	07/31/2025	P4	8.4	120.9	97	95	-2 / 2	DPMP		RF
194 /266 0 3	Sanitary Sewer: Service, Lot 5 on Sunrise Ridge Dr.	8	Below Grade	07/31/2025	P4	8.9	119.6	96	95	-2 / 2	DPMP		RF



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Rolling Hills Ranch North F1
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194 /266 1 4	Sanitary Sewer: Service, Lot 4 on Sunrise Ridge Dr.	12	Below Grade	07/31/2025	P4	8.7	122.6	98	95	-2 / 2	DPMP		RF
194 /266 2 5	Sanitary Sewer: Service, Lot 3 on Sunrise Ridge Dr.	12	Below Grade	07/31/2025	P4	8.8	122.5	98	95	-2 / 2	DPMP		RF
194 /266 3 6	Sanitary Sewer: Service, Lot 2 on Sunrise Ridge Dr.	14	Below Grade	07/31/2025	P4	7.8	122.1	98	95	-2 / 2	DPMP		RF
194 /266 4 7	Sanitary Sewer: Service, Lot 1 on Sunrise Ridge Dr.	14	Below Grade	07/31/2025	P4	9.1	122.2	98	95	-2 / 2	DPMP		RF
194 /266 5 8	Sanitary Sewer: Manhole 15, STA 52 + 70 on Sunrise Ridge Dr.	14	Below Grade	07/31/2025	P4	9.4	122.5	98	95	-2 / 2	DPMP		RF
194 /266 6 9	Sanitary Sewer: Manhole 15, STA 52 + 70 on Sunrise Ridge Dr.	12	Below Grade	07/31/2025	P4	8.4	121.9	98	95	-2 / 2	DPMP		RF
194 /267 7 0	Sanitary Sewer: Service, Lot 1 on Sunrise Ridge Dr.	12	Below Grade	07/31/2025	P4	8.2	122.4	98	95	-2 / 2	DPMP		RF
194 /267 8 1	Sanitary Sewer: Service, Lot 2 on Sunrise Ridge Dr.	12	Below Grade	07/31/2025	P4	8.7	122.3	98	95	-2 / 2	DPMP		RF
194 /267 9 2	Sanitary Sewer: Service, Lot 3 on Sunrise Ridge Dr.	10	Below Grade	07/31/2025	P4	8.1	122.6	98	95	-2 / 2	DPMP		RF
195 /267 0 3	Sanitary Sewer: Service, Lot 4 on Sunrise Ridge Dr.	10	Below Grade	07/31/2025	P4	7.9	121.9	98	95	-2 / 2	DPMP		RF
195 /267 1 4	Sanitary Sewer: Service, Lot 5 on Sunrise Ridge Dr.	6	Below Grade	07/31/2025	P4	8.6	119.4	96	95	-2 / 2	DPMP		RF
195 /267 2 5	Sanitary Sewer: Main, STA 55 + 00 on Sunrise Ridge Dr.	6	Below Grade	07/31/2025	P4	8.7	120.5	97	95	-2 / 2	DPMP		RF
578 /267 6	Water: Main, STA 66 + 10, the lowering for Storm Water on Sunrise Ridge Dr.	8	Below Grade	08/01/2025	P3	7.9	120.6	96	95	-2 / 2	DPMP		RF
195 /267 3 7	Sanitary Sewer: Manhole 15, STA 52 + 70 on Sunrise Ridge Dr.	10	Below Grade	08/01/2025	P4	8.6	122.2	98	95	-2 / 2	DPMP		RF



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195 /267 4 8	Sanitary Sewer: Service, Lot 1 on Sunrise Ridge Dr.	10	Below Grade	08/01/2025	P4	8.2	121.7	98	95	-2 / 2	DPMP		RF
195 /267 5 9	Sanitary Sewer: Service, Lot 2 on Sunrise Ridge Dr.	10	Below Grade	08/01/2025	P4	8.4	122.4	98	95	-2 / 2	DPMP		RF
579 /268 0	Water: Main, STA 66 + 15, south of Water Main at the lowering for Storm Water on Sunrise Ridge Dr.	4	Below Grade	08/01/2025	P3	8.6	120.3	96	95	-2 / 2	DPMP		RF
580 /268 1	Water: Main, STA 66 + 20, north of the Water Main at the lowering for Storm Water on Sunrise Ridge Dr.	6	Below Grade	08/01/2025	P3	7.9	120.1	96	95	-2 / 2	DPMP		RF
581 /268 2	Water: Main, STA 66 + 05, at the lowering for Storm Water on Sunrise Ridge Dr.	4	Below Grade	08/01/2025	P3	7.9	120.7	96	95	-2 / 2	DPMP		RF
20 /268 3	Roadway Subgrade: STA 73 + 32, 3' north of the future south curb on Sunrise Ridge Dr.	1	Below Grade	08/01/2025	P2	9.7	117.7	98	95	-2 / 2	DPMP		RF
21 /268 4	Roadway Subgrade: STA 72 + 65, 3' north of the future south curb on Sunrise Ridge Dr.	1	Below Grade	08/01/2025	P2	10.7	117.0	97	95	-2 / 2	DPMP		RF
22 /268 5	Roadway Subgrade: STA 72 + 65, 3' north of the future south curb on Sunrise Ridge Dr.	1	Below Grade	08/01/2025	P2	10.7	117.0	97	95	-2 / 2	DPMP		RF
195 /268 6 6	Sanitary Sewer: Service, Lot 4 on Sunrise Ridge Dr.	8	Below Grade	08/01/2025	P4	9.1	120.1	96	95	-2 / 2	DPMP		RF
195 /268 7 7	Sanitary Sewer: Service, Lot 3 on Sunrise Ridge Dr.	8	Below Grade	08/01/2025	P4	8.9	119.8	96	95	-2 / 2	DPMP		RF
195 /268 8 8	Sanitary Sewer: Service, Lot 2 on Sunrise Ridge Dr.	8	Below Grade	08/01/2025	P4	8.8	120.4	97	95	-2 / 2	DPMP		RF
195 /268 9 9	Sanitary Sewer: Service, Lot 1 on Sunrise Ridge Dr.	8	Below Grade	08/01/2025	P4	8.6	119.2	96	95	-2 / 2	DPMP		RF
196 /269 0 0	Sanitary Sewer: Manhole 15, STA 52 + 70 on Sunrise Ridge Dr.	8	Below Grade	08/01/2025	P4	8.9	120.0	96	95	-2 / 2	DPMP		RF
23 /269 1	Roadway Subgrade: STA 72 + 65, 3' north of the future south curb on Sunrise Ridge Dr.	-	At Grade	08/01/2025	P2	8.7	116.6	97	95	-2 / 2	DPMP		RF



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24 /269 2	Roadway Subgrade: STA 73 + 32, 3' north of the future south curb on Sunrise Ridge Dr.	-	At Grade	08/01/2025	P2	8.6	117.4	98	95	-2 / 2	DPMP		RF
196 /269 1 3	Sanitary Sewer: Service, Lot 4 on Sunrise Ridge Dr.	6	Below Grade	08/01/2025	P4	9.2	120.3	97	95	-2 / 2	DPMP		RF
196 /269 2 4	Sanitary Sewer: Service, Lot 3 on Sunrise Ridge Dr.	6	Below Grade	08/01/2025	P4	8.7	119.8	96	95	-2 / 2	DPMP		RF
196 /269 3 5	Sanitary Sewer: Service, Lot 2 on Sunrise Ridge Dr.	6	Below Grade	08/01/2025	P4	8.3	120.2	96	95	-2 / 2	DPMP		RF
196 /269 4 6	Sanitary Sewer: Service, Lot 1 on Sunrise Ridge Dr.	6	Below Grade	08/01/2025	P4	9.1	120.2	96	95	-2 / 2	DPMP		RF
196 /269 5 7	Sanitary Sewer: Manhole 15, STA 52 + 70 on Sunrise Ridge Dr.	6	Below Grade	08/01/2025	P4	8.7	121.3	97	95	-2 / 2	DPMP		RF

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 D1557 - A	ML	10.1	120.1
P3	ASTM D1557 - B	SW	7.5	125.8
P6	ASTM D1557 - A	SM	8.2	126.8
P4	ASTM D1557 - B	SC	8.2	124.7
P1	ASTM D1557 - B	SC	8.5	127.5

08/06/2025

Reviewed by: Joey Goode, PE



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Test Results

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1 / 2698	Curb & Gutter: STA 19 + 50, 3' south of the future north curb on Crystal Falls Dr.	-	At Grade	08/04/2025	P3	7.7	123.6	98	95	-2 / 2	DPMP		RF
2 / 2699	Curb & Gutter: STA 18 + 50, 3' north of the future south curb on Crystal Falls Dr.	-	At Grade	08/04/2025	P2	9.6	116.1	97	95	-2 / 2	DPMP		RF
3 / 2700	Curb & Gutter: STA 17 + 50, 3' south of the future north curb on Crystal Falls Dr.	-	At Grade	08/04/2025	P2	8.2	117.4	98	95	-2 / 2	DPMP		RF
4 / 2701	Curb & Gutter: STA 16 + 50, 3' north of the future south curb on Crystal Falls Dr.	-	At Grade	08/04/2025	P2	8.7	117.0	97	95	-2 / 2	DPMP		RF
5 / 2702	Curb & Gutter: STA 15 + 50, 3' south of the future north curb on Crystal Falls Dr.	-	At Grade	08/04/2025	P3	8.8	122.6	98	95	-2 / 2	DPMP		RF
6 / 2703	Curb & Gutter: STA 14 + 50, 3' north of the future south curb on Crystal Falls Dr.	-	At Grade	08/04/2025	P3	6.9	120.8	96	95	-2 / 2	DPMP		RF
7 / 2704	Curb & Gutter: STA 13 + 50, 3' south of the future north curb on Crystal Falls Dr.	-	At Grade	08/04/2025	P2	8.9	115.7	96	95	-2 / 2	DPMP		RF
8 / 2705	Curb & Gutter: STA 12 + 50, 3' north of the future south curb on Crystal Falls Dr.	-	At Grade	08/04/2025	P2	9.2	116.8	97	95	-2 / 2	DPMP		RF
9 / 2706	Curb & Gutter: STA 11 + 50, 3' south of the future north curb on Crystal Falls Dr.	-	At Grade	08/04/2025	P2	8.8	117.5	98	95	-2 / 2	DPMP		RF
10 / 2707	Curb & Gutter: STA 10 + 50, 3' north of the future south curb on Crystal Falls Dr.	-	At Grade	08/04/2025	P2	8.5	117.3	98	95	-2 / 2	DPMP		RF
11 / 2708	Curb & Gutter: STA 15 + 50, 3' east of the future west curb on House Rock Dr.	-	At Grade	08/04/2025	P1	7.9	124.8	98	95	-2 / 2	DPMP		RF
12 / 2709	Curb & Gutter: STA 14 + 50, 3' west of the future east curb on House Rock Dr.	-	At Grade	08/04/2025	P1	8.0	124.8	98	95	-2 / 2	DPMP		RF
13 / 2710	Curb & Gutter: STA 13 + 50, 3' east of the future west curb on House Rock Dr.	-	At Grade	08/04/2025	P1	7.9	121.9	96	95	-2 / 2	DPMP		RF
14 / 2711	Curb & Gutter: STA 12 + 50, 3' west of the future east curb on House Rock Dr.	-	At Grade	08/04/2025	P2	8.6	117.7	98	95	-2 / 2	DPMP		RF



Entech Engineering
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Phone: 719-531-5599

Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
15 ²⁷¹ / ₂	Curb & Gutter: STA 11 + 50, 3' east of the future west curb on House Rock Dr.	-	At Grade	08/04/2025	P2	8.5	117.3	98	95	-2 / 2	DPMP		RF
16 ²⁷¹ / ₃	Curb & Gutter: STA 10 + 50, 3' west of the future east curb on House Rock Dr.	-	At Grade	08/04/2025	P2	9.2	117.2	98	95	-2 / 2	DPMP		RF
196 ²⁷¹ / _{6 4}	Sanitary Sewer: Manhole 15, STA 52 + 70 on Sunrise Ridge Dr.	4	Below Grade	08/04/2025	P4	6.4	119.3	96	95	-2 / 2	DPMP		RF
196 ²⁷¹ / _{7 5}	Sanitary Sewer: Service, Lot 1 on Sunrise Ridge Dr.	4	Below Grade	08/04/2025	P4	6.6	118.9	95	95	-2 / 2	DPMP		RF
196 ²⁷¹ / _{8 6}	Sanitary Sewer: Service, Lot 2 on Sunrise Ridge Dr.	4	Below Grade	08/04/2025	P4	6.7	119.6	96	95	-2 / 2	DPMP		RF
196 ²⁷¹ / _{9 7}	Sanitary Sewer: Service, Lot 3 on Sunrise Ridge Dr.	4	Below Grade	08/04/2025	P4	7.1	120.4	97	95	-2 / 2	DPMP		RF
197 ²⁷¹ / _{0 8}	Sanitary Sewer: Service, Lot 4 on Sunrise Ridge Dr.	4	Below Grade	08/04/2025	P4	8.1	119.2	96	95	-2 / 2	DPMP		RF
197 ²⁷¹ / _{1 9}	Sanitary Sewer: Service, Lot 5 on Sunrise Ridge Dr.	4	Below Grade	08/04/2025	P4	7.9	120.1	96	95	-2 / 2	DPMP		RF
197 ²⁷² / _{2 0}	Sanitary Sewer: Main, STA 55 + 00 on Sunrise Ridge Dr.	4	Below Grade	08/04/2025	P4	7.8	121.0	97	95	-2 / 2	DPMP		RF
41 ²⁷² / ₁	Roadway Subgrade: STA 78 + 70, 5' south of Inlet 11 on Sunrise Ridge Dr.	2	Below Grade	08/04/2025	P2	11.9	114.1	95	95	-2 / 2	DPMP		RF
42 ²⁷² / ₂	Roadway Subgrade: STA 78 + 75, 4' north of future south curb on Sunrise Ridge Dr.	2	Below Grade	08/04/2025	P2	10.9	116.2	97	95	-2 / 2	DPMP		RF
197 ²⁷² / _{3 3}	Sanitary Sewer: Main, STA 55 + 00 on Sunrise Ridge Dr.	2	Below Grade	08/04/2025	P4	6.4	119.6	96	95	-2 / 2	DPMP		RF
197 ²⁷² / _{4 4}	Sanitary Sewer: Service, Lot 5 on Sunrise Ridge Dr.	2	Below Grade	08/04/2025	P4	6.4	119.7	96	95	-2 / 2	DPMP		RF
197 ²⁷² / _{5 5}	Sanitary Sewer: Service, Lot 4 on Sunrise Ridge Dr.	2	Below Grade	08/04/2025	P4	7.3	120.3	97	95	-2 / 2	DPMP		RF



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197 /272 6 6	Sanitary Sewer: Service, Lot 3 on Sunrise Ridge Dr.	2	Below Grade	08/04/2025	P4	7.0	119.5	96	95	-2 / 2	DPMP		RF
197 /272 7 7	Sanitary Sewer: Service, Lot 2 on Sunrise Ridge Dr.	2	Below Grade	08/04/2025	P4	7.4	120.7	97	95	-2 / 2	DPMP		RF
43 /272 8	Roadway Subgrade: STA 78 + 70, 5' south of Inlet 11 on Sunrise Ridge Dr.	2	Below Grade	08/05/2025	P2	9.4	117.4	98	95	-2 / 2	DPMP		RF
582 /272 9	Water: Irrigation Service, STA 66 + 45 on Sunrise Ridge Dr.	4	Below Grade	08/05/2025	P3	8.8	119.4	95	95	-2 / 2	DPMP		RF
583 /273 0	Water: Main, STA 66 + 15, south of Water Main at the lowering for Storm Water on Sunrise Ridge Dr.	2	Below Grade	08/05/2025	P3	7.8	120.6	96	95	-2 / 2	DPMP		RF
584 /273 1	Water: Irrigation Service, STA 66 + 45 on Sunrise Ridge Dr.	2	Below Grade	08/05/2025	P3	7.4	119.4	95	95	-2 / 2	DPMP		RF
197 /273 8 2	Sanitary Sewer: Service, Lot 1 on Sunrise Ridge Dr.	2	Below Grade	08/05/2025	P4	7.2	120.1	96	95	-2 / 2	DPMP		RF
197 /273 9 3	Sanitary Sewer: Manhole 15, STA 52 + 70 on Sunrise Ridge Dr.	2	Below Grade	08/05/2025	P4	7.5	119.9	96	95	-2 / 2	DPMP		RF
44 /273 4	Roadway Subgrade: STA 78 + 80, 2' south of water valve on Sunrise Ridge Dr.	2	Below Grade	08/05/2025	P2	8.3	114.8	96	95	-2 / 2	DPMP		RF
198 /273 0 5	Sanitary Sewer: Main, STA 60 + 00 on Sunrise Ridge Dr.	12	Below Grade	08/05/2025	P3	7.8	123.1	98	95	-2 / 2	DPMP		RF
198 /273 1 6	Sanitary Sewer: Main, STA 60 + 00 on Sunrise Ridge Dr.	10	Below Grade	08/05/2025	P3	7.5	123.7	98	95	-2 / 2	DPMP		RF
198 /273 2 7	Sanitary Sewer: Main, STA 60 + 00 on Sunrise Ridge Dr.	8	Below Grade	08/05/2025	P3	8.4	120.6	96	95	-2 / 2	DPMP		RF
198 /273 3 8	Sanitary Sewer: Main, STA 60 + 00 on Sunrise Ridge Dr.	6	Below Grade	08/05/2025	P3	7.7	119.2	95	95	-2 / 2	DPMP		RF
198 /273 4 9	Sanitary Sewer: Main, STA 60 + 00 on Sunrise Ridge Dr.	4	Below Grade	08/06/2025	P3	7.6	120.5	96	95	-2 / 2	DPMP		RF
585 /274 0	Water: Main, STA 30 + 00 on Galeros Dr.	4	Below Grade	08/06/2025	P4	9.8	119.6	96	95	-2 / 2	DPMP		RF



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250235
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Rolling Hills Ranch North F1
Peyton, CO

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586 /274 1	Water: Main, STA 29 + 00 on Galeros Dr.	4	Below Grade	08/06/2025	P4	9.5	120.3	97	95	-2 / 2	DPMP		RF
587 /274 2	Water: Main, STA 30 + 00 on Galeros Dr.	2	Below Grade	08/06/2025	P4	9.0	119.4	96	95	-2 / 2	DPMP		RF
588 /274 3	Water: Main, STA 51 + 00 on Sunrise Ridge Dr.	4	Below Grade	08/06/2025	P4	8.1	119.8	96	95	-2 / 2	DPMP		RF
198 /274 5 4	Sanitary Sewer: Main, STA 60 + 00 on Sunrise Ridge Dr.	2	Below Grade	08/06/2025	P3	6.8	120.4	96	95	-2 / 2	DPMP		RF
589 /274 5	Water: Main, STA 29 + 00 on Sunrise Ridge Dr.	2	Below Grade	08/06/2025	P4	9.3	120.8	97	95	-2 / 2	DPMP		RF
45 /274 6	Roadway Subgrade: STA 34 + 32 on Shelter Creek Dr.	2	Below Grade	08/06/2025	P3	8.2	119.3	95	95	-2 / 2	DPMP		RF
590 /274 7	Water: Main, STA 51 + 00 on Sunrise Ridge Dr.	2	Below Grade	08/06/2025	P4	7.4	120.8	97	95	-2 / 2	DPMP		RF
19 /274 8	Curb & Gutter: STA 19 + 50, 3' north of the future south curb on Crystal Falls Dr.	-	At Grade	08/06/2025	P3	6.9	122.7	98	95	-2 / 2	DPMP		RF
20 /274 9	Curb & Gutter: STA 18 + 50, 3' south of the future north curb on Crystal Falls Dr.	-	At Grade	08/06/2025	P2	8.9	116.5	97	95	-2 / 2	DPMP		RF
21 /275 0	Curb & Gutter: STA 17 + 50, 3' north of the future south curb on Crystal Falls Dr.	-	At Grade	08/06/2025	P2	8.3	117.3	98	95	-2 / 2	DPMP		RF
22 /275 1	Curb & Gutter: STA 16 + 50, 3' south of the future north curb on Crystal Falls Dr.	-	At Grade	08/06/2025	P2	8.4	117.3	98	95	-2 / 2	DPMP		RF
23 /275 2	Curb & Gutter: STA 15 + 50, 3' north of the future south curb on Crystal Falls Dr.	-	At Grade	08/06/2025	P3	7.2	123.2	98	95	-2 / 2	DPMP		RF
24 /275 3	Curb & Gutter: STA 14 + 50, 3' south of the future north curb on Crystal Falls Dr.	-	At Grade	08/06/2025	P3	7.7	121.7	97	95	-2 / 2	DPMP		RF
25 /275 4	Curb & Gutter: STA 13 + 50, 3' north of the future south curb on Crystal Falls Dr.	-	At Grade	08/06/2025	P2	8.4	117.3	98	95	-2 / 2	DPMP		RF
26 /275 5	Curb & Gutter: STA 12 + 50, 3' south of the future north curb on Crystal Falls Dr.	-	At Grade	08/06/2025	P2	8.1	118.1	98	95	-2 / 2	DPMP		RF



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27 /275 6	Curb & Gutter: STA 11 + 50, 3' north of the future south curb on Crystal Falls Dr.	-	At Grade	08/06/2025	P2	8.3	117.3	98	95	-2 / 2	DPMP		RF
28 /275 7	Curb & Gutter: STA 10 + 50, 3' south of the future north curb on Crystal Falls Dr.	-	At Grade	08/06/2025	P2	8.6	117.3	98	95	-2 / 2	DPMP		RF
29 /275 8	Curb & Gutter: STA 15 + 50, 3' west of the future east curb on House Rock Dr.	-	At Grade	08/06/2025	P1	8.5	122.3	96	95	-2 / 2	DPMP		RF
30 /275 9	Curb & Gutter: STA 14 + 50, 3' east of the future west curb on House Rock Dr.	-	At Grade	08/06/2025	P1	8.2	123.6	97	95	-2 / 2	DPMP		RF
31 /276 0	Curb & Gutter: STA 13 + 50, 3' west of the future east curb on House Rock Dr.	-	At Grade	08/06/2025	P1	7.7	124.6	98	95	-2 / 2	DPMP		RF
32 /276 1	Curb & Gutter: STA 12 + 50, 3' east of the future west curb on House Rock Dr.	-	At Grade	08/06/2025	P2	8.3	116.8	97	95	-2 / 2	DPMP		RF
33 /276 2	Curb & Gutter: STA 11 + 50, 3' west of the future east curb on House Rock Dr.	-	At Grade	08/06/2025	P2	8.7	116.8	97	95	-2 / 2	DPMP		RF
34 /276 3	Curb & Gutter: STA 10 + 50, 3' east of the future west curb on House Rock Dr.	-	At Grade	08/06/2025	P2	8.3	117.4	98	95	-2 / 2	DPMP		RF
591 /276 4	Water: Main, STA 51 + 00 on Sunrise Ridge Dr.	-	At Grade	08/07/2025	P4	7.7	120.1	96	95	-2 / 2	DPMP		RF
592 /276 5	Water: Main, STA 12 + 00 on Redwall Dr.	4	Below Grade	08/07/2025	P2	9.2	114.8	96	95	-2 / 2	DPMP		RF
35 /276 6	Curb & Gutter: STA 70 + 00 on Sunrise Ridge Dr.	-	At Grade	08/08/2025	P2	8.4	116.7	97	95	-2 / 2	DPMP		RF
36 /276 7	Curb & Gutter: STA 72 + 00 on Sunrise Ridge Dr.	-	At Grade	08/08/2025	P2	8.6	117.1	98	95	-2 / 2	DPMP		RF
37 /276 8	Curb & Gutter: STA 74 + 00 on Sunrise Ridge Dr.	-	At Grade	08/08/2025	P2	8.4	118.2	98	95	-2 / 2	DPMP		RF
46 /276 9	Roadway Subgrade: STA 34 + 14 on Shelter Creek Dr.	4	Below Grade	08/08/2025	P3	7.8	120.2	96	95	-2 / 2	DPMP		RF
47 /277 0	Roadway Subgrade: STA 35 + 00 on Shelter Creek Dr.	4	Below Grade	08/08/2025	P3	7.9	120.8	96	95	-2 / 2	DPMP		RF



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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
593 /277 1	Water: Main, STA 25 + 00 on Horn Hill Dr.	4	Below Grade	08/08/2025	P4	9.7	119.4	96	95	-2 / 2	DPMP		RF
594 /277 2	Water: Main, STA 25 + 00 on Horn Hill Dr.	2	Below Grade	08/08/2025	P4	9.1	120.7	97	95	-2 / 2	DPMP		RF
48 /277 3	Roadway Subgrade: STA 34 + 14 on Shelter Creek Dr.	2	Below Grade	08/09/2025	P3	6.8	120.3	96	95	-2 / 2	DPMP		RF
49 /277 4	Roadway Subgrade: STA 35 + 00 on Shelter Creek Dr.	2	Below Grade	08/09/2025	P3	7.0	121.9	97	95	-2 / 2	DPMP		RF
50 /277 5	Roadway Subgrade: STA 34 + 00 on Shelter Creek Dr.	-	At Grade	08/09/2025	P3	7.4	122.3	97	95	-2 / 2	DPMP		RF

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 D1557 - B	SW	7.5	125.8
P2	ASTM D1557 - A	ML	10.1	120.1
P1	ASTM D1557 - B	SC	8.5	127.5
P4	ASTM D1557 - B	SC	8.2	124.7

08/13/2025

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
620 /2828	Water: Main, STA 12 + 50 on Bright Angel Dr.	4	Below Grade	08/18/2025	P7	12.8	107.5	96	95	-1 / 3	DPMP		RF
621 /2829	Water: Main, STA 12 + 50 on Bright Angel Dr.	2	Below Grade	08/18/2025	P7	12.7	108.0	97	95	-1 / 3	DPMP		RF
622 /2830	Water: Main, STA 12 + 00 on Temple Butte Dr.	4	Below Grade	08/18/2025	P4	9.5	119.6	96	95	-2 / 2	DPMP		RF
623 /2831	Water: Valves, STA 21 + 00 on Horn Hill Dr.	4	Below Grade	08/18/2025	P4	9.7	118.4	95	95	-2 / 2	DPMP		RF
624 /2832	Water: Main, STA 13 + 50 on Temple Butte Dr.	4	Below Grade	08/18/2025	P4	9.8	118.7	95	95	-2 / 2	DPMP		RF
625 /2833	Water: Main, STA 12 + 00 on Temple Butte Dr.	2	Below Grade	08/19/2025	P4	9.8	119.4	96	95	-2 / 2	DPMP		RF
626 /2834	Water: Main, STA 13 + 50 on Temple Butte Dr.	2	Below Grade	08/19/2025	P4	9.9	119.7	96	95	-2 / 2	DPMP		RF
627 /2835	Water: Main, STA 53 + 50 on Sunrise Ridge Dr.	4	Below Grade	08/19/2025	P4	8.3	120.6	97	95	-2 / 2	DPMP		RF
628 /2836	Water: Main, STA 12 + 00 on Tapeats Dr.	4	Below Grade	08/19/2025	P5	11.0	115.4	96	95	-2 / 2	DPMP		RF
629 /2837	Water: Main, STA 12 + 00 on Tapeats Dr.	2	Below Grade	08/20/2025	P5	11.1	115.3	96	95	-2 / 2	DPMP		RF
630 /2838	Water: Main, STA 12 + 50 on Bright Angel Dr.	-	At Grade	08/20/2025	P7	12.7	109.2	98	95	-1 / 3	DPMP		RF
631 /2839	Water: Main, STA 12 + 00 on Temple Butte Dr.	-	At Grade	08/20/2025	P4	8.8	119.3	96	95	-2 / 2	DPMP		RF
632 /2840	Water: Main, STA 13 + 50 on Temple Butte Dr.	-	At Grade	08/20/2025	P4	8.7	122.0	98	95	-2 / 2	DPMP		RF
633 /2841	Water: Main, STA 53 + 50 on Sunrise Ridge Dr.	2	Below Grade	08/20/2025	P4	8.7	119.3	96	95	-2 / 2	DPMP		RF



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634 /284 2	Water: Main, STA 13 + 50 on Tapeats Dr.	4	Below Grade	08/20/2025	P5	10.2	118.2	98	95	-2 / 2	DPMP		RF
635 /284 3	Water: Main, STA 13 + 50 on Tapeats Dr.	2	Below Grade	08/20/2025	P5	10.1	117.4	97	95	-2 / 2	DPMP		RF
636 /284 4	Water: Main, STA 12 + 00 on Tapeats Dr.	-	At Grade	08/20/2025	P5	10.2	116.7	97	95	-2 / 2	DPMP		RF
637 /284 5	Water: Main, STA 53 + 50 on Sunrise Ridge Dr.	-	At Grade	08/20/2025	P4	7.4	119.7	96	95	-2 / 2	DPMP		RF
54 /284 6	Curb & Gutter: STA 17 + 00, 3' south of the future north curb on House Rock Dr.	-	At Grade	08/20/2025	P1	7.2	121.9	96	95	-2 / 2	DPMP		RF
55 /284 7	Curb & Gutter: STA 19 + 00, 3' south of the future north curb on House Rock Dr.	-	At Grade	08/20/2025	P1	7.4	121.7	96	95	-2 / 2	DPMP		RF
56 /284 8	Curb & Gutter: STA 21 + 00, 3' south of the future north curb on House Rock Dr.	-	At Grade	08/20/2025	P1	7.6	122.3	96	95	-2 / 2	DPMP		RF
57 /284 9	Curb & Gutter: STA 23 + 00, 3' south of the future north curb on House Rock Dr.	-	At Grade	08/20/2025	P1	7.2	120.5	95	95	-2 / 2	DPMP		RF
58 /285 0	Curb & Gutter: STA 28 + 00, 3' east of the future west curb on Shelter Creek Dr.	-	At Grade	08/20/2025	P2	9.5	117.8	98	95	-2 / 2	DPMP		RF
59 /285 1	Curb & Gutter: STA 29 + 50, 3' east of the future west curb on Shelter Creek Dr.	-	At Grade	08/20/2025	P3	6.6	120.7	96	95	-2 / 2	DPMP		RF
60 /285 2	Curb & Gutter: STA 31 + 50, 3' east of the future west curb on Shelter Creek Dr.	-	At Grade	08/20/2025	P3	7.8	122.3	97	95	-2 / 2	DPMP		RF
61 /285 3	Curb & Gutter: STA 33 + 40, 3' east of the future west curb on Shelter Creek Dr.	-	At Grade	08/20/2025	P3	6.8	119.8	95	95	-2 / 2	DPMP		RF
62 /285 4	Curb & Gutter: STA 34 + 75, 3' east of the future west curb on Shelter Creek Dr.	-	At Grade	08/20/2025	P3	6.8	120.4	96	95	-2 / 2	DPMP		RF
63 /285 5	Curb & Gutter: STA 34 + 50, 3' west of the future east curb on Shelter Creek Dr.	-	At Grade	08/20/2025	P3	7.7	120.9	96	95	-2 / 2	DPMP		RF
64 /285 6	Curb & Gutter: STA 32 + 50, 3' west of the future east curb on Shelter Creek Dr.	-	At Grade	08/20/2025	P3	7.8	120.3	96	95	-2 / 2	DPMP		RF



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65 /285 7	Curb & Gutter: STA 30 + 50, 3' west of the future east curb on Shelter Creek Dr.	-	At Grade	08/20/2025	P2	8.9	115.5	96	95	-2 / 2	DPMP		RF
66 /285 8	Curb & Gutter: STA 28 + 50, 3' west of the future east curb on Shelter Creek Dr.	-	At Grade	08/20/2025	P2	9.3	115.7	96	95	-2 / 2	DPMP		RF
67 /285 9	Curb & Gutter: STA 24 + 00, 3' north of the future south curb on House Rock Dr.	-	At Grade	08/20/2025	P1	7.8	121.2	95	95	-2 / 2	DPMP		RF
68 /286 0	Curb & Gutter: STA 22 + 00, 3' north of the future south curb on House Rock Dr.	-	At Grade	08/20/2025	P1	6.8	122.4	96	95	-2 / 2	DPMP		RF
69 /286 1	Curb & Gutter: STA 20 + 00, 3' north of the future south curb on House Rock Dr.	-	At Grade	08/20/2025	P1	7.8	121.9	96	95	-2 / 2	DPMP		RF
70 /286 2	Curb & Gutter: STA 18 + 00, 3' north of the future south curb on House Rock Dr.	-	At Grade	08/20/2025	P1	7.4	122.3	96	95	-2 / 2	DPMP		RF
71 /286 3	Curb & Gutter: STA 16 + 50, 3' north of the future south curb on House Rock Dr.	-	At Grade	08/20/2025	P1	7.0	122.5	96	95	-2 / 2	DPMP		RF
638 /286 4	Water: Main, STA 27 + 80, lowering on Galeros Dr.	6	Below Grade	08/21/2025	P4	8.9	119.4	96	95	-2 / 2	DPMP		RF
639 /286 5	Water: Main, STA 56 + 50, on Sunrise Ridge Dr.	4	Below Grade	08/21/2025	P4	8.8	119.1	96	95	-2 / 2	DPMP		RF
640 /286 6	Water: Hydrant 10, STA 27 + 25 on Galeros Dr.	4	Below Grade	08/21/2025	P4	9.5	119.5	96	95	-2 / 2	DPMP		RF
641 /286 7	Water: Hydrant 10, STA 27 + 25 on Galeros Dr.	2	Below Grade	08/21/2025	P4	9.7	120.2	96	95	-2 / 2	DPMP		RF
642 /286 8	Water: Main, STA 56 + 50 on Sunrise Ridge Dr.	2	Below Grade	08/21/2025	P4	8.0	119.3	96	95	-2 / 2	DPMP		RF
643 /286 9	Water: Valve, STA 27 + 53 on Galeros Dr.	4	Below Grade	08/21/2025	P4	9.2	120.2	96	95	-2 / 2	DPMP		RF
644 /287 0	Water: Main, STA 26 + 50 on Horn Hill Dr.	4	Below Grade	08/21/2025	P4	8.5	120.1	96	95	-2 / 2	DPMP		RF
645 /287 1	Water: Valve, STA 27 + 53 on Galeros Dr.	2	Below Grade	08/21/2025	P4	8.2	119.6	96	95	-2 / 2	DPMP		RF



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

Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
199 / 287 7 2	Sanitary Sewer: Service, Lot 104 on Galeros Dr.	10	Below Grade	08/21/2025	P4	8.4	122.5	98	95	-2 / 2	DPMP		RF
646 / 287 3	Water: Valve, STA 28 + 00 on Galeros Dr.	4	Below Grade	08/21/2025	P4	9.1	118.5	95	95	-2 / 2	DPMP		RF
647 / 287 4	Water: Main, STA 26 + 50 on Horn Hill Dr.	2	Below Grade	08/21/2025	P4	7.1	122.6	98	95	-2 / 2	DPMP		RF
648 / 287 5	Water: Valves, STA 31 + 75 on Galeros Dr.	4	Below Grade	08/22/2025	P4	9.2	118.2	95	95	-2 / 2	DPMP		RF
649 / 287 6	Water: Valves, STA 31 + 75 on Galeros Dr.	2	Below Grade	08/22/2025	P4	9.3	120.1	96	95	-2 / 2	DPMP		RF
650 / 287 7	Water: Main, STA 62 + 50 on Sunrise Ridge Dr.	4	Below Grade	08/22/2025	P4	8.3	120.4	97	95	-2 / 2	DPMP		RF
199 / 287 8 8	Sanitary Sewer: Service, Lot 104 on Galeros Dr.	8	Below Grade	08/22/2025	P4	8.5	119.8	96	95	-2 / 2	DPMP		RF
651 / 287 9	Water: Main, lowering at STA 27 + 80 on Galeros Dr.	4	Below Grade	08/22/2025	P4	8.9	120.6	97	95	-2 / 2	DPMP		RF
652 / 288 0	Water: Valve, STA 28 + 00 on Galeros Dr.	2	Below Grade	08/22/2025	P4	9.9	120.8	97	95	-2 / 2	DPMP		RF
653 / 288 1	Water: Main, STA 62 + 50 on Sunrise Ridge Dr.	2	Below Grade	08/22/2025	P4	8.5	120.7	97	95	-2 / 2	DPMP		RF
654 / 288 2	Water: Hydrant 7, STA 14 + 73 on Tapeats Dr.	4	Below Grade	08/22/2025	P5	10.1	118.3	95	95	-2 / 2	DPMP		RF
199 / 288 9 3	Sanitary Sewer: Service, Lot 104 on Galeros Dr.	6	Below Grade	08/22/2025	P4	8.2	119.1	96	95	-2 / 2	DPMP		RF
655 / 288 4	Water: Main, STA 13 + 50 on Tapeats Dr.	-	At Grade	08/22/2025	P5	10.1	118.4	98	95	-2 / 2	DPMP		RF

Remarks

DP/MP : Density Pass / Moisture Pass

Comments

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



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Soil Density Report

Client:

Tech Contractors
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San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, CO

Proctor Data

Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)
P7	ASTM D698 - A	CL	13.7	111.8
P4	ASTM D1557 - B	SC	8.2	124.7
P5	ASTM D1557 - A	SM	11.3	120.5
P1	ASTM D1557 - B	SC	8.5	127.5
P2	ASTM D1557 - A	ML	10.1	120.1
P3	ASTM D1557 - B	SW	7.5	125.8

08/26/2025

Reviewed by: Joey Goode, PE



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
656 / 288 5	Water: Valves, STA 24 + 00 on Horn Hill Dr.	6	Below Grade	08/25/2025	P4	9.4	118.9	95	95	-2 / 2	DPMP		RF
657 / 288 6	Water: Main, STA 27 + 85 at the lowering for Storm Water on Galeros Dr.	2	Below Grade	08/25/2025	P4	9.5	121.4	97	95	-2 / 2	DPMP		RF
200 / 288 0 7	Sanitary Sewer: Service, Lot 104 on Galeros Dr.	4	Below Grade	08/25/2025	P4	10.1	119.7	96	95	-2 / 2	DPMP		RF
658 / 288 8	Water: Main, STA 59 + 50 on Sunrise Ridge Dr.	4	Below Grade	08/25/2025	P3	8.7	120.9	96	95	-2 / 2	DPMP		RF
200 / 288 1 9	Sanitary Sewer: Service, Lot 104 on Galeros Dr.	2	Below Grade	08/25/2025	P4	9.5	118.6	95	95	-2 / 2	DPMP		RF
659 / 289 0	Water: Main, STA 59 + 50 on Sunrise Ridge Dr.	2	Below Grade	08/25/2025	P3	8.4	119.9	95	95	-2 / 2	DPMP		RF
660 / 289 1	Water: Valves, STA 24 + 00 on Horn Hill Dr.	4	Below Grade	08/25/2025	P4	9.1	118.0	95	95	-2 / 2	DPMP		RF
661 / 289 2	Water: Hydrant 4 and Valve, STA 10 + 42 on Temple Butte Dr.	6	Below Grade	08/26/2025	P4	10.1	118.2	95	95	-2 / 2	DPMP		RF
662 / 289 3	Water: Main, STA 16 + 25 on Bright Angel Dr.	4	Below Grade	08/26/2025	P3	9.4	119.1	95	95	-2 / 2	DPMP		RF
663 / 289 4	Water: Main, STA 59 + 50 on Sunrise Ridge Dr.	-	At Grade	08/26/2025	P3	9.3	119.5	95	95	-2 / 2	DPMP		RF
664 / 289 5	Water: Hydrant 4 and Valve, STA 10 + 42 on Temple Butte Dr.	4	Below Grade	08/26/2025	P4	9.7	118.8	95	95	-2 / 2	DPMP		RF
665 / 289 6	Water: Valves, STA 24 + 00 on Horn Hill Dr.	2	Below Grade	08/26/2025	P4	9.9	118.3	95	95	-2 / 2	DPMP		RF
666 / 289 7	Water: Hydrant 4 and Valve, STA 10 + 42 on Temple Butte Dr.	2	Below Grade	08/26/2025	P4	9.7	119.0	95	95	-2 / 2	DPMP		RF
667 / 289 8	Water: Valves, STA 58 + 18 on Sunrise Ridge Dr.	6	Below Grade	08/26/2025	P4	9.8	118.6	95	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
668 /2899	Water: Valves, STA 18 + 00 on Horn Hill Dr.	6	Below Grade	08/26/2025	P4	9.5	119.1	96	95	-2 / 2	DPMP		RF
669 /2900	Water: Hydrant 8 and Valves, STA 10 + 42 on Tapeats Dr.	4	Below Grade	08/26/2025	P5	11.9	114.2	95	95	-2 / 2	DPMP		RF
670 /2901	Water: Valves, STA 21 + 00 on Horn Hill Dr.	2	Below Grade	08/26/2025	P4	9.9	118.6	95	95	-2 / 2	DPMP		RF
671 /2902	Water: Valves, STA 58 + 15 on Sunrise Ridge Dr.	4	Below Grade	08/26/2025	P4	10.1	118.1	95	95	-2 / 2	DPMP		RF
672 /2903	Water: Valves, STA 18 + 00 on Horn Hill Dr.	4	Below Grade	08/26/2025	P4	10.1	118.2	95	95	-2 / 2	DPMP		RF
673 /2904	Water: Hydrant 8 and Valves, STA 10 + 42 on Tapeats Dr.	2	Below Grade	08/26/2025	P5	12.3	114.8	95	95	-2 / 2	DPMP		RF
674 /2905	Water: Valves, STA 58 + 15 on Sunrise Ridge Dr.	2	Below Grade	08/26/2025	P4	9.9	119.3	96	95	-2 / 2	DPMP		RF
675 /2906	Water: Valves, STA 18 + 00 on Horn Hill Dr.	2	Below Grade	08/26/2025	P4	9.5	118.4	95	95	-2 / 2	DPMP		RF
676 /2907	Water: Main, STA 14 + 00 on Bright Angel Dr.	4	Below Grade	08/26/2025	P4	9.7	118.3	95	95	-2 / 2	DPMP		RF
677 /2908	Water: Hydrant 8 and Valves, STA 10 + 42 on Tapeats Dr.	2	Below Grade	08/27/2025	P5	12.1	114.2	95	95	-2 / 2	DPMP		RF
678 /2909	Water: Main, STA 14 + 00 on Bright Angel Dr.	2	Below Grade	08/27/2025	P4	9.8	120.4	97	95	-2 / 2	DPMP		RF
679 /2910	Water: Valve, STA 15 + 58 on Bright Angel Dr.	4	Below Grade	08/27/2025	P3	9.2	119.1	95	95	-2 / 2	DPMP		RF
680 /2911	Water: Valve, STA 15 + 58 on Bright Angel Dr.	2	Below Grade	08/27/2025	P3	8.9	119.6	95	95	-2 / 2	DPMP		RF
78 /2912	Storm Water: Inlet 13, STA 24 + 16 on House Rock Dr.	4	Below Grade	08/27/2025	P1	10.1	122.5	96	95	-2 / 2	DPMP		RF
79 /2913	Storm Water: Inlet 13, STA 24 + 16 on House Rock Dr.	2	Below Grade	08/27/2025	P1	10.1	122.4	96	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
681 /291 4	Water: Hydrant 3 and Valve, STA 14 + 73 on Temple Butte Dr.	4	Below Grade	08/27/2025	P4	9.9	118.4	95	95	-2 / 2	DPMP		RF
682 /291 5	Water: Main, STA 15 + 30, Lowering for Storm Water on Bright Angel Dr.	6	Below Grade	08/27/2025	P3	9.1	119.7	95	95	-2 / 2	DPMP		RF
683 /291 6	Water: Hydrant 2 and Valve, STA 13 + 95 on Redwall Dr.	6	Below Grade	08/27/2025	P2	11.9	115.0	96	95	-2 / 2	DPMP		RF
684 /291 7	Water: Hydrant 2 and Valve, STA 13 + 95 on Redwall Dr.	4	Below Grade	08/27/2025	P2	11.8	114.6	95	95	-2 / 2	DPMP		RF
685 /291 8	Water: Hydrant 3 and Valve, STA 14 + 73 on Temple Butte Dr.	2	Below Grade	08/27/2025	P4	9.3	120.1	96	95	-2 / 2	DPMP		RF
686 /291 9	Water: Valves, STA 55 + 10 on Sunrise Ridge Dr.	4	Below Grade	08/27/2025	P4	9.7	118.3	95	95	-2 / 2	DPMP		RF
687 /292 0	Water: Hydrant 2 and Valve, STA 13 + 95 on Redwall Dr.	2	Below Grade	08/27/2025	P2	11.8	115.1	96	95	-2 / 2	DPMP		RF
688 /292 1	Water: Valves, STA 55 + 10 on Sunrise Ridge Dr.	2	Below Grade	08/27/2025	P4	9.2	118.8	95	95	-2 / 2	DPMP		RF
689 /292 2	Water: Hydrant 5 and Valve, STA 14 + 73 on Bright Angel Dr.	4	Below Grade	08/27/2025	P4	9.0	118.2	95	95	-2 / 2	DPMP		RF
690 /292 3	Water: Valves, STA 61 + 15 on Sunrise Ridge Dr.	6	Below Grade	08/28/2025	P3	9.3	119.2	95	95	-2 / 2	DPMP		RF
691 /292 4	Water: Hydrant 2 and Valves, STA 13 + 95 on Redwall Dr.	2	Below Grade	08/28/2025	P2	11.8	114.4	95	95	-2 / 2	DPMP		RF
692 /292 5	Water: Valves, STA 61 + 15 on Sunrise Ridge Dr.	4	Below Grade	08/28/2025	P3	8.7	118.9	95	95	-2 / 2	DPMP		RF
693 /292 6	Water: Main, STA 14 + 85 on Redwall Dr.	4	Below Grade	08/28/2025	P4	10.0	118.6	95	95	-2 / 2	DPMP		RF
694 /292 7	Water: Main, STA 14 + 85 on Redwall Dr.	2	Below Grade	08/28/2025	P4	9.8	118.2	95	95	-2 / 2	DPMP		RF

Remarks

DP/MP : Density Pass / Moisture Pass

Comments

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



Entech Engineering
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Soil Density Report

Client:

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, CO

Proctor Data

Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)
P4	ASTM D1557 - B	SC	8.2	124.7
P3	ASTM D1557 - B	SW	7.5	125.8
P5	ASTM D1557 - A	SM	11.3	120.5
P1	ASTM D1557 - B	SC	8.5	127.5
P2	ASTM D1557 - A	ML	10.1	120.1

09/02/2025

Reviewed by: Joey Goode, PE



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
695 /2928	Water: Valves, STA 31 + 74 on Galeros Dr.	-	At Grade	09/02/2025	P4	9.8	120.4	97	95	-2 / 2	DPMP		RF
696 /2929	Water: Valve, STA 10 + 42 on Redwall Dr.	6	Below Grade	09/02/2025	P4	9.8	118.9	95	95	-2 / 2	DPMP		RF
697 /2930	Water: Hydrant 1, STA 10 + 42 on Redwall Dr.	4	Below Grade	09/02/2025	P4	9.8	118.1	95	95	-2 / 2	DPMP		RF
698 /2931	Water: Valves, STA 52 + 00 on Sunrise Ridge Dr.	6	Below Grade	09/02/2025	P4	10.1	118.3	95	95	-2 / 2	DPMP		RF
699 /2932	Water: Hydrant 1 and Valve, STA 10 + 42 on Redwall Dr.	2	Below Grade	09/02/2025	P4	10.0	118.1	95	95	-2 / 2	DPMP		RF
700 /2933	Water: Valves, STA 52 + 00 on Sunrise Ridge Dr.	4	Below Grade	09/02/2025	P4	9.6	120.3	97	95	-2 / 2	DPMP		RF
701 /2934	Water: Valves, STA 52 + 00 on Sunrise Ridge Dr.	2	Below Grade	09/02/2025	P4	9.8	119.5	96	95	-2 / 2	DPMP		RF
702 /2935	Water: Main, STA 15 + 25 on Redwall Dr.	4	Below Grade	09/02/2025	P4	9.8	118.3	95	95	-2 / 2	DPMP		RF
703 /2936	Water: Hydrant 1 and Valve, STA 10 + 42 on Redwall Dr.	-	At Grade	09/02/2025	P4	9.7	119.5	96	95	-2 / 2	DPMP		RF
51 /2937	Roadway Subgrade: STA 16 + 25 on House Rock Dr.	8	Below Grade	09/02/2025	P1	9.8	122.9	96	95	-2 / 2	DPMP		RF
80 /2938	Storm Water: Main, STA 65 + 00 on Sunrise Ridge Dr.	2	Below Grade	09/02/2025	P4	8.6	121.0	97	95	-2 / 2	DPMP		RF
52 /2939	Roadway Subgrade: STA 16 + 25 on House Rock Dr.	6	Below Grade	09/02/2025	P1	8.9	120.6	95	95	-2 / 2	DPMP		RF
53 /2940	Roadway Subgrade: STA 16 + 25 on House Rock Dr.	4	Below Grade	09/02/2025	P1	8.1	122.8	96	95	-2 / 2	DPMP		RF
54 /2941	Roadway Subgrade: STA 16 + 25 on House Rock Dr.	2	Below Grade	09/02/2025	P1	8.7	122.6	96	95	-2 / 2	DPMP		RF



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250235
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Rolling Hills Ranch North F1
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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
81 /294 2	Storm Water: Main, STA 65 + 00 on Sunrise Ridge Dr.	-	At Grade	09/02/2025	P4	8.9	120.7	97	95	-2 / 2	DPMP		RF
704 /294 3	Water: Hydrant 6 and Valve, STA 10 + 95 on Bright Angel Dr.	4	Below Grade	09/03/2025	P4	9.0	118.3	95	95	-2 / 2	DPMP		RF
705 /294 4	Water: Hydrant 6 and Valve, STA 10 + 95 on Bright Angel Dr.	2	Below Grade	09/03/2025	P4	9.2	118.7	95	95	-2 / 2	DPMP		RF
706 /294 5	Water: Valve, STA 10 + 50 on Bright Angel Dr.	4	Below Grade	09/03/2025	P4	9.8	119.1	96	95	-2 / 2	DPMP		RF
707 /294 6	Water: Valve, STA 10 + 50 on Bright Angel Dr.	2	Below Grade	09/03/2025	P4	9.2	118.4	95	95	-2 / 2	DPMP		RF
708 /294 7	Water: Valve, STA 27 + 25 on Galeros Dr.	2	Below Grade	09/04/2025	P4	9.8	118.6	95	95	-2 / 2	DPMP		RF
709 /294 8	Water: Hydrant 2 and Valve, STA 13 + 95 on Redwall Dr.	2	Below Grade	09/04/2025	P2	11.8	114.9	96	95	-2 / 2	DPMP		RF
710 /294 9	Water: Main, STA 15 + 25 on Redwall Dr.	2	Below Grade	09/04/2025	P4	10.0	116.4	97	95	-2 / 2	DPMP		RF
711 /295 0	Water: Hydrant 5 and Valve, STA 14 + 73 on Bright Angel Dr.	4	Below Grade	09/04/2025	P4	9.9	118.1	95	95	-2 / 2	DPMP		RF
712 /295 1	Water: Hydrant 5 and Valve, STA 14 + 73 on Bright Angel Dr.	2	Below Grade	09/04/2025	P4	9.8	119.2	96	95	-2 / 2	DPMP		RF
713 /295 2	Water: Valve, STA 16 + 75 on Bright Angel Dr.	2	Below Grade	09/04/2025	P3	9.2	119.3	95	95	-2 / 2	DPMP		RF
714 /295 3	Water: Valve, STA 16 + 75 on Bright Angel Dr.	2	Below Grade	09/04/2025	P3	9.4	119.8	95	95	-2 / 2	DPMP		RF
715 /295 4	Water: Valves, STA 61 + 15 on Sunrise Ridge Dr.	2	Below Grade	09/04/2025	P3	9.1	120.3	96	95	-2 / 2	DPMP		RF
82 /295 5	Storm Water: Main, STA 33 + 50 on Galeros Dr.	2	Below Grade	09/04/2025	P6	8.9	121.2	96	95	-2 / 2	DPMP		RF
716 /295 6	Water: Main, STA 14 + 30, lowering for Storm Water on Bright Angel Dr.	4	Below Grade	09/04/2025	P3	9.3	119.1	95	95	-2 / 2	DPMP		RF



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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
717 /2957	Water: Main, STA 16 + 25 on Bright Angel Dr.	2	Below Grade	09/04/2025	P3	9.2	120.1	96	95	-2 / 2	DPMP		RF
718 /2958	Water: Valves, STA 55 + 10 on Sunrise Ridge Dr.	2	Below Grade	09/04/2025	P4	9.0	118.5	95	95	-2 / 2	DPMP		RF
719 /2959	Water: Valves, STA 52 + 00 on Sunrise Ridge Dr.	-	At Grade	09/05/2025	P4	9.5	119.5	96	95	-2 / 2	DPMP		RF
720 /2960	Water: Hydrant 2 and Valve, STA 13 + 95 on Redwall Dr.	-	At Grade	09/05/2025	P2	11.7	115.3	96	95	-2 / 2	DPMP		RF
721 /2961	Water: Main, STA 14 + 85 on Redwall Dr.	-	At Grade	09/05/2025	P4	9.8	119.6	96	95	-2 / 2	DPMP		RF
722 /2962	Water: Main, STA 15 + 00 on Redwall Dr.	-	At Grade	09/05/2025	P4	9.8	119.7	96	95	-2 / 2	DPMP		RF
723 /2963	Water: Main, STA 15 + 25 on Redwall Dr.	-	At Grade	09/05/2025	P4	9.6	119.2	96	95	-2 / 2	DPMP		RF
724 /2964	Water: Valves, STA 18 + 00 on Horn Hill Dr.	-	At Grade	09/05/2025	P4	9.5	119.3	96	95	-2 / 2	DPMP		RF
725 /2965	Water: Hydrant 4 and Valve, STA 10 + 42 on Temple Butte Dr.	-	At Grade	09/05/2025	P4	9.7	120.2	96	95	-2 / 2	DPMP		RF
726 /2966	Water: Hydrant 7 and Valve, STA 14 + 73 on Tapeats Dr.	2	Below Grade	09/05/2025	P5	12.3	115.0	95	95	-2 / 2	DPMP		RF
727 /2967	Water: Valve, STA 13 + 95 on Redwall Dr.	-	At Grade	09/05/2025	P2	9.2	114.2	95	95	-2 / 2	DPMP		RF
200 /2968	Sanitary Sewer: Service, Lot 104 on Galeros Dr.	2	Below Grade	09/05/2025	P4	10.1	117.8	95	95	-2 / 2	DPMP		RF
728 /2969	Water: Valve, STA 27 + 53 on Galeros Dr.	-	At Grade	09/05/2025	P4	9.6	119.2	96	95	-2 / 2	DPMP		RF
729 /2970	Water: Main, STA 27 + 85, lowering for Storm Water on Galeros Dr.	-	At Grade	09/05/2025	P4	8.7	119.9	96	95	-2 / 2	DPMP		RF
83 /2971	Storm Water: Inlet 6, STA 32 + 28, curb side on Galeros Dr.	4	Below Grade	09/05/2025	P6	9.8	119.3	96	95	-2 / 2	DPMP		RF



Entech Engineering
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Phone: 719-531-5599

Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
84 /297 2	Storm Water: Inlet 6 and Manhole J8, STA 32 + 28, street side on Galeros Dr.	4	Below Grade	09/05/2025	P6	9.8	121.6	96	95	-2 / 2	DP/MP		RF

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 - B	SC	8.2	124.7
P1	ASTM D1557 - B	SC	8.5	127.5
P2	ASTM D1557 - A	ML	10.1	120.1
P3	ASTM D1557 - B	SW	7.5	125.8
P6	ASTM D1557 - A	SM	8.2	126.8
P5	ASTM D1557 - A	SM	11.3	120.5

09/10/2025

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
85 / 297 3	Storm Water: Main, STA 33 + 50 on Galeros Dr.	-	At Grade	09/08/2025	P6	8.8	121.6	96	95	-2 / 2	DPMP		RF
86 / 297 4	Storm Water: Main, STA 10 + 00 along the south Property Line of Lot 23 on Galeros Dr.	-	At Grade	09/08/2025	P4	8.6	120.4	97	95	-2 / 2	DPMP		RF
55 / 297 5	Roadway Subgrade: STA 19 + 25 on Crystal Falls Dr.	4	Below Grade	09/08/2025	P3	7.9	120.9	96	95	-2 / 2	DPMP		RF
56 / 297 6	Roadway Subgrade: STA 19 + 25 on Crystal Falls Dr.	2	Below Grade	09/08/2025	P3	6.3	121.3	96	95	-2 / 2	DPMP		RF
730 / 297 7	Water: Main, STA 15 + 35, lowering for Storm Water on Bright Angel Dr.	2	Below Grade	09/08/2025	P3	8.5	119.2	95	95	-2 / 2	DPMP		RF
87 / 297 8	Storm Water: Manhole J9, STA 31 + 95 Sunrise Ridge Dr.	4	Below Grade	09/08/2025	P4	9.7	119.3	96	95	-2 / 2	DPMP		RF
732 / 297 9	Water: Main, STA 62 + 50 Sunrise Ridge Dr.	-	At Grade	09/08/2025	P4	9.7	119.2	96	95	-2 / 2	DPMP		RF
733 / 298 0	Water: Valves, STA 61 + 15 Sunrise Ridge Dr.	-	At Grade	09/08/2025	P3	9.2	120.4	96	95	-2 / 2	DPMP		RF
734 / 298 1	Water: Hydrant 7 and Valve, STA 14 + 73 Tapeats Dr.	-	At Grade	09/08/2025	P5	10.8	116.2	96	95	-2 / 2	DPMP		RF
88 / 298 2	Storm Water: Inlet 6, STA 32 + 28, lot side on Galeros Dr.	2	Below Grade	09/08/2025	P6	9.7	121.8	96	95	-2 / 2	DPMP		RF
89 / 298 3	Storm Water: Inlet 6 (street side) and Manhole J8, STA 32 + 22 on Galeros Dr.	2	Below Grade	09/08/2025	P6	9.9	120.7	95	95	-2 / 2	DPMP		RF
72 / 298 4	Curb & Gutter: STA 67 + 89, 2' south of the future north curb on Sunrise Ridge Dr.	-	At Grade	09/08/2025	P2	8.7	116.3	97	95	-2 / 2	DPMP		RF
73 / 298 5	Curb & Gutter: STA 67 + 76, 1' south of the future north curb on Sunrise Ridge Dr.	-	At Grade	09/08/2025	P2	9.1	116.5	97	95	-2 / 2	DPMP		RF
74 / 298 6	Curb & Gutter: STA 68 + 56, 1' south of the future north curb on Sunrise Ridge Dr.	-	At Grade	09/08/2025	P2	8.8	116.3	97	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
75 /298 7	Curb & Gutter: STA 10 + 50, 1' west of the future east curb on House Rock Dr.	-	At Grade	09/08/2025	P2	8.3	115.8	96	95	-2 / 2	DPMP		RF
76 /298 8	Curb & Gutter: STA 12 + 61, 1' east of the future west curb on House Rock Dr.	-	At Grade	09/08/2025	P2	9.4	116.2	97	95	-2 / 2	DPMP		RF
77 /298 9	Curb & Gutter: STA 10 + 47, 2' east of the future west curb on House Rock Dr.	-	At Grade	09/08/2025	P2	9.6	117.1	98	95	-2 / 2	DPMP		RF
78 /299 0	Curb & Gutter: STA 12 + 68, 2' west of the future east curb on House Rock Dr.	-	At Grade	09/08/2025	P2	9.3	117.2	98	95	-2 / 2	DPMP		RF
79 /299 1	Curb & Gutter: STA 13 + 30, 2' west of the future east curb on House Rock Dr.	-	At Grade	09/08/2025	P2	9.5	116.8	97	95	-2 / 2	DPMP		RF
80 /299 2	Curb & Gutter: STA 10 + 47, 1' north of the future south curb on Crystal Falls Dr.	-	At Grade	09/08/2025	P2	9.1	117.6	98	95	-2 / 2	DPMP		RF
81 /299 3	Curb & Gutter: STA 10 + 36, 2' south of the future north curb on Crystal Falls Dr.	-	At Grade	09/08/2025	P2	10.4	115.3	96	95	-2 / 2	DPMP		RF
82 /299 4	Curb & Gutter: STA 15 + 33, 1' east of the future west curb on House Rock Dr.	-	At Grade	09/08/2025	P1	7.6	122.0	96	95	-2 / 2	DPMP		RF
83 /299 5	Curb & Gutter: STA 16 + 00, 2' west of the future east curb on House Rock Dr.	-	At Grade	09/08/2025	P1	7.7	123.2	97	95	-2 / 2	DPMP		RF
735 /299 6	Water: Hydrant 10 and Valve, STA 27 + 25 on Galeros Dr.	-	At Grade	09/09/2025	P4	9.1	118.9	95	95	-2 / 2	DPMP		RF
736 /299 7	Water: Main, STA 26 + 50 on Horn Hill Dr.	-	At Grade	09/09/2025	P4	8.9	119.7	96	95	-2 / 2	DPMP		RF
737 /299 8	Water: Valves, STA 21 + 00 on Horn Hill Dr.	-	At Grade	09/09/2025	P4	9.4	119.6	96	95	-2 / 2	DPMP		RF
738 /299 9	Water: Main, STA 14 + 00 on Bright Angel Dr.	-	At Grade	09/09/2025	P4	8.9	120.5	97	95	-2 / 2	DPMP		RF
739 /300 0	Water: Valves, STA 58 + 15 on Sunrise Ridge Dr.	-	At Grade	09/09/2025	P4	9.1	119.7	96	95	-2 / 2	DPMP		RF
740 /300 1	Water: Hydrant 8 and Valves, STA 10 + 42 on Tapeats Dr.	-	At Grade	09/09/2025	P5	11.8	115.3	96	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
741 /300 2	Water: Hydrant 3 and Valve, STA 14 + 73 on Temple Butte Dr.	-	At Grade	09/09/2025	P4	8.9	120.1	96	95	-2 / 2	DPMP		RF
742 /300 3	Water: Main, STA 56 + 50 on Sunrise Ridge Dr.	-	At Grade	09/09/2025	P4	9.1	120.9	97	95	-2 / 2	DPMP		RF
743 /300 4	Water: Valves, STA 55 + 00 on Sunrise Ridge Dr.	-	At Grade	09/09/2025	P4	8.9	120.1	96	95	-2 / 2	DPMP		RF
90 /300 5	Storm Water: Inlet 20 (lot side), STA 27 + 25 on Galeros Dr.	4	Below Grade	09/09/2025	P4	9.2	119.3	96	95	-2 / 2	DPMP		RF
91 /300 6	Storm Water: Inlet 19 (lot side), STA 27 + 25 on Galeros Dr.	4	Below Grade	09/09/2025	P4	10.1	118.7	95	95	-2 / 2	DPMP		RF
92 /300 7	Storm Water: Inlet 20 (lot side), STA 27 + 25 on Galeros Dr.	2	Below Grade	09/10/2025	P4	8.7	119.2	96	95	-2 / 2	DPMP		RF
744 /300 8	Water: Valve, STA 10 + 50 on Bright Angel Dr.	-	At Grade	09/10/2025	P4	8.6	118.6	95	95	-2 / 2	DPMP		RF
745 /300 9	Water: Hydrant 6 and Valve, STA 10 + 95 on Bright Angel Dr.	-	At Grade	09/10/2025	P4	8.4	119.1	96	95	-2 / 2	DPMP		RF
746 /301 0	Water: Hydrant 2 and Valves, STA 13 + 95 on Redwall Dr.	-	At Grade	09/10/2025	P2	10.2	114.9	96	95	-2 / 2	DPMP		RF
747 /301 1	Water: Valves, STA 31 + 75 on Galeros Dr.	-	At Grade	09/10/2025	P4	8.2	120.1	96	95	-2 / 2	DPMP		RF
93 /301 2	Storm Water: Inlet 20 (street side), STA 27 + 25 on Galeros Dr.	4	Below Grade	09/10/2025	P4	9.8	119.2	96	95	-2 / 2	DPMP		RF
94 /301 3	Storm Water: Inlet 19 (street side) and Manhole J24, STA 27 + 25 on Galeros Dr.	4	Below Grade	09/10/2025	P4	9.4	119.8	96	95	-2 / 2	DPMP		RF
95 /301 4	Storm Water: Inlet 19 (lot side), STA 27 + 25 on Galeros Dr.	2	Below Grade	09/10/2025	P4	8.8	117.8	95	95	-2 / 2	DPMP		RF
96 /301 5	Storm Water: Inlet 20 (street side), STA 27 + 25 on Galeros Dr.	2	Below Grade	09/10/2025	P4	9.6	120.2	96	95	-2 / 2	DPMP		RF
97 /301 6	Storm Water: Inlet 19 (street side) and Manhole J24, STA 27 + 25 on Galeros Dr.	2	Below Grade	09/10/2025	P4	9.6	118.5	95	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
748 /3017	Water: Service, Lot 17 on Sunrise Ridge Dr.	4	Below Grade	09/10/2025	P6	8.3	120.9	95	95	-2 / 2	DPMP		RF
749 /3018	Water: Service, Lot 16 on Sunrise Ridge Dr.	4	Below Grade	09/10/2025	P4	8.5	119.6	96	95	-2 / 2	DPMP		RF
750 /3019	Water: Service, Lot 15 on Sunrise Ridge Dr.	4	Below Grade	09/10/2025	P4	7.9	121.5	97	95	-2 / 2	DPMP		RF
751 /3020	Water: Service, Lot 14 on Sunrise Ridge Dr.	4	Below Grade	09/10/2025	P4	7.3	119.4	96	95	-2 / 2	DPMP		RF
752 /3021	Water: Service, Lot 13 on Sunrise Ridge Dr.	4	Below Grade	09/10/2025	P4	7.6	119.1	96	95	-2 / 2	DPMP		RF
753 /3022	Water: Service, Lot 12 on Sunrise Ridge Dr.	4	Below Grade	09/10/2025	P3	7.2	120.4	96	95	-2 / 2	DPMP		RF
754 /3023	Water: Service, Lot 11 on Sunrise Ridge Dr.	4	Below Grade	09/10/2025	P3	7.6	119.7	95	95	-2 / 2	DPMP		RF
755 /3024	Water: Service, Lot 10 on Sunrise Ridge Dr.	4	Below Grade	09/10/2025	P3	8.3	120.3	96	95	-2 / 2	DPMP		RF
756 /3025	Water: Service, Lot 17 on Sunrise Ridge Dr.	2	Below Grade	09/10/2025	P6	9.9	121.6	96	95	-2 / 2	DPMP		RF
757 /3026	Water: Service, Lot 16 on Sunrise Ridge Dr.	2	Below Grade	09/10/2025	P4	9.1	119.7	96	95	-2 / 2	DPMP		RF
758 /3027	Water: Service, Lot 15 on Sunrise Ridge Dr.	2	Below Grade	09/10/2025	P4	9.6	119.4	96	95	-2 / 2	DPMP		RF
759 /3028	Water: Service, Lot 14 on Sunrise Ridge Dr.	2	Below Grade	09/10/2025	P4	8.4	119.2	96	95	-2 / 2	DPMP		RF
760 /3029	Water: Service, Lot 13 on Sunrise Ridge Dr.	2	Below Grade	09/10/2025	P4	8.6	119.2	96	95	-2 / 2	DPMP		RF
761 /3030	Water: Service, Lot 12 on Sunrise Ridge Dr.	2	Below Grade	09/10/2025	P3	7.3	121.1	96	95	-2 / 2	DPMP		RF
762 /3031	Water: Service, Lot 11 on Sunrise Ridge Dr.	2	Below Grade	09/10/2025	P3	8.4	120.2	96	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
763 /303 2	Water: Service, Lot 10 on Sunrise Ridge Dr.	2	Below Grade	09/10/2025	P3	7.9	120.6	96	95	-2 / 2	DPMP		RF
84 /303 3	Curb & Gutter: STA 70 + 16, 2' south of the future north curb on Suneise Ridge Dr.	-	At Grade	09/10/2025	P2	9.3	116.6	97	95	-2 / 2	DPMP		RF
85 /303 4	Curb & Gutter: STA 70 + 02, 2' north of the future south curb on Sunrise Ridge Dr.	-	At Grade	09/10/2025	P2	9.4	116.4	97	95	-2 / 2	DPMP		RF
86 /303 5	Curb & Gutter: STA 10 + 27, 2' west of the future east curb on Cardenas Dr.	-	At Grade	09/10/2025	P3	7.8	121.4	97	95	-2 / 2	DPMP		RF
87 /303 6	Curb & Gutter: STA 10 + 29, 2' east of the future west curb on Cardenas Dr.	-	At Grade	09/10/2025	P3	7.3	120.7	96	95	-2 / 2	DPMP		RF
88 /303 7	Curb & Gutter: STA 11 + 00, 2' east of the future west curb on Cardenas Dr.	-	At Grade	09/10/2025	P3	8.8	121.3	96	95	-2 / 2	DPMP		RF

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)
P6	ASTM D1557 - A	SM	8.2	126.8
P4	ASTM D1557 - B	SC	8.2	124.7
P3	ASTM D1557 - B	SW	7.5	125.8
P5	ASTM D1557 - A	SM	11.3	120.5
P2	ASTM D1557 - A	ML	10.1	120.1
P1	ASTM D1557 - B	SC	8.5	127.5

09/16/2025

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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
764 /3038	Water: Service, Lot 9 on Sunrise Ridge Dr.	4	Below Grade	09/11/2025	P4	8.0	121.1	97	95	-2 / 2	DPMP		RF
765 /3039	Water: Service, Lot 7 on Sunrise Ridge Dr.	4	Below Grade	09/11/2025	P4	9.3	119.3	96	95	-2 / 2	DPMP		RF
766 /3040	Water: Service, Lot 17 on Sunrise Ridge Dr.	-	At Grade	09/11/2025	P6	9.2	120.6	95	95	-2 / 2	DPMP		RF
767 /3041	Water: Service, Lot 16 on Sunrise Ridge Dr.	-	At Grade	09/11/2025	P4	7.8	120.5	97	95	-2 / 2	DPMP		RF
768 /3042	Water: Service, Lot 15 on Sunrise Ridge Dr.	-	At Grade	09/11/2025	P4	7.5	119.9	96	95	-2 / 2	DPMP		RF
769 /3043	Water: Service, Lot 14 on Sunrise Ridge Dr.	-	At Grade	09/11/2025	P4	7.6	119.2	96	95	-2 / 2	DPMP		RF
770 /3044	Water: Service, Lot 9 on Sunrise Ridge Dr.	2	Below Grade	09/11/2025	P4	9.4	119.7	96	95	-2 / 2	DPMP		RF
771 /3045	Water: Service, Lot 8 on Sunrise Ridge Dr.	4	Below Grade	09/11/2025	P4	8.6	119.8	96	95	-2 / 2	DPMP		RF
89 /3046	Curb & Gutter: STA 17 + 25, 1' north of the future south curb on Crystal Falls Dr.	-	At Grade	09/11/2025	P2	10.3	115.2	96	95	-2 / 2	DPMP		RF
90 /3047	Curb & Gutter: STA 15 + 40, 1' north of the future south curb on Crystal Falls Dr.	-	At Grade	09/11/2025	P3	8.3	120.8	96	95	-2 / 2	DPMP		RF
772 /3048	Water: Service, Lot 5 on Crystal Falls Dr.	4	Below Grade	09/11/2025	P4	8.3	119.7	96	95	-2 / 2	DPMP		RF
773 /3049	Water: Service, Lot 6 on Crystal Falls Dr.	4	Below Grade	09/11/2025	P4	7.9	118.6	95	95	-2 / 2	DPMP		RF
774 /3050	Water: Service, Lot 8 on Sunrise Ridge Dr.	2	Below Grade	09/11/2025	P4	8.7	120.1	96	95	-2 / 2	DPMP		RF
775 /3051	Water: Service, Lot 7 on Sunrise Ridge Dr.	2	Below Grade	09/11/2025	P4	8.1	119.6	96	95	-2 / 2	DPMP		RF



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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
776 /305 2	Water: Service, Lot 6 on Sunrise Ridge Dr.	2	Below Grade	09/11/2025	P4	8.7	119.8	96	95	-2 / 2	DPMP		RF
777 /305 3	Water: Service, Lot 5 on Sunrise Ridge Dr.	2	Below Grade	09/11/2025	P4	8.5	120.2	96	95	-2 / 2	DPMP		RF
778 /305 4	Water: Service, Lot 4 on Sunrise Ridge Dr.	4	Below Grade	09/11/2025	P4	8.2	118.6	95	95	-2 / 2	DPMP		RF
779 /305 5	Water: Service, Lot 3 on Sunrise Ridge Dr.	4	Below Grade	09/11/2025	P4	7.9	119.1	96	95	-2 / 2	DPMP		RF
780 /305 6	Water: Service, Lot 4 on Sunrise Ridge Dr.	2	Below Grade	09/11/2025	P4	8.1	120.3	97	95	-2 / 2	DPMP		RF
781 /305 7	Water: Service, Lot 3 on Sunrise Ridge Dr.	2	Below Grade	09/11/2025	P4	8.2	119.4	96	95	-2 / 2	DPMP		RF
200 /305 3 8	Sanitary Sewer: Service, Lot 104 on Galeros Dr.	-	At Grade	09/12/2025	P4	8.1	119.5	96	95	-2 / 2	DPMP		RF
98 /305 9	Storm Water: Inlet 19 (lot side), STA 27 + 75 on Galeros Dr.	-	At Grade	09/12/2025	P4	7.6	119.8	96	95	-2 / 2	DPMP		RF
99 /306 0	Storm Water: Inlet 19 (street side) and Manhole J24, STA 27 + 75 on Galeros Dr.	-	At Grade	09/12/2025	P4	7.4	119.3	96	95	-2 / 2	DPMP		RF
100 /306 1	Storm Water: Inlet 20 (street side), STA 27 + 75 on Galeros Dr.	-	At Grade	09/12/2025	P4	7.8	118.3	95	95	-2 / 2	DPMP		RF
101 /306 2	Storm Water: Inlet 20 (lot side), STA 27 + 75 on Galeros Dr.	-	At Grade	09/12/2025	P4	7.7	119.7	96	95	-2 / 2	DPMP		RF
782 /306 3	Water: Valve, STA 28 + 00 on Galeros Dr.	-	At Grade	09/12/2025	P4	8.1	119.2	96	95	-2 / 2	DPMP		RF
783 /306 4	Water: Valves, STA 24 + 00 on Horn Hill Dr.	-	At Grade	09/12/2025	P4	8.6	118.2	95	95	-2 / 2	DPMP		RF
784 /306 5	Water: Valve, STA 16 + 75 on Bright Angel Dr.	-	At Grade	09/12/2025	P3	8.1	119.8	95	95	-2 / 2	DPMP		RF
785 /306 6	Water: Main, STA 16 + 25 on Bright Angel Dr.	-	At Grade	09/12/2025	P3	8.4	120.1	96	95	-2 / 2	DPMP		RF



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

Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
786 /306 7	Water: Valve, STA 15 + 58 on Bright Angel Dr.	-	At Grade	09/12/2025	P3	8.5	119.9	95	95	-2 / 2	DPMP		RF
787 /306 8	Water: Main, STA 15 + 30, lowering of Storm Water on Bright Angel Dr.	-	At Grade	09/12/2025	P3	7.7	122.2	97	95	-2 / 2	DPMP		RF
788 /306 9	Water: Hydrant 5 and Valve, STA 14 + 73, on Bright Angel Dr.	-	At Grade	09/12/2025	P4	8.1	120.7	97	95	-2 / 2	DPMP		RF
102 /307 0	Storm Water: Manhole J9, STA 31 + 95 on Sunrise Ridge Dr.	2	Below Grade	09/12/2025	P4	8.3	119.8	96	95	-2 / 2	DPMP		RF
103 /307 1	Storm Water: Main, STA 25 + 50 on Horn Hill Dr.	2	Below Grade	09/12/2025	P4	9.4	118.6	95	95	-2 / 2	DPMP		RF
789 /307 2	Water: Service, Lot 54 on Redwall Dr.	4	Below Grade	09/12/2025	P4	7.1	119.4	96	95	-2 / 2	DPMP		RF
790 /307 3	Water: Service, Lot 53 on Redwall Dr.	4	Below Grade	09/12/2025	P4	8.4	118.2	95	95	-2 / 2	DPMP		RF
791 /307 4	Water: Service, Lot 55 on Redwall Dr.	4	Below Grade	09/12/2025	P2	10.2	114.3	95	95	-2 / 2	DPMP		RF
792 /307 5	Water: Service, Lot 52 on Redwall Dr.	4	Below Grade	09/12/2025	P2	9.1	114.6	95	95	-2 / 2	DPMP		RF
793 /307 6	Water: Service, Lot 56 on Redwall Dr.	4	Below Grade	09/12/2025	P2	9.9	114.9	96	95	-2 / 2	DPMP		RF
794 /307 7	Water: Service, Lot 51 on Redwall Dr.	4	Below Grade	09/12/2025	P2	9.4	115.6	96	95	-2 / 2	DPMP		RF
795 /307 8	Water: Service, Lot 57 on Redwall Dr.	4	Below Grade	09/12/2025	P2	9.9	114.7	96	95	-2 / 2	DPMP		RF
796 /307 9	Water: Service, Lot 50 on Redwall Dr.	4	Below Grade	09/12/2025	P2	10.0	115.2	96	95	-2 / 2	DPMP		RF
797 /308 0	Water: Service, Lot 58 on Redwall Dr.	4	Below Grade	09/12/2025	P2	10.5	114.9	96	95	-2 / 2	DPMP		RF
798 /308 1	Water: Service, Lot 59 on Redwall Dr.	4	Below Grade	09/12/2025	P2	9.7	116.4	97	95	-2 / 2	DPMP		RF



Entech Engineering
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Soil Density Report

Client:

Tech Contractors
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San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
799 /308 2	Water: Service, Lot 53 on Redwall Dr.	2	Below Grade	09/12/2025	P4	8.5	119.4	96	95	-2 / 2	DPMP		RF
800 /308 3	Water: Service, Lot 52 on Redwall Dr.	2	Below Grade	09/12/2025	P2	9.7	115.7	96	95	-2 / 2	DPMP		RF
801 /308 4	Water: Service, Lot 51 on Redwall Dr.	2	Below Grade	09/12/2025	P2	9.9	115.3	96	95	-2 / 2	DPMP		RF
802 /308 5	Water: Service, Lot 50 on Redwall Dr.	2	Below Grade	09/12/2025	P2	9.5	115.2	96	95	-2 / 2	DPMP		RF
803 /308 6	Water: Service, Lot 49 on Redwall Dr.	4	Below Grade	09/12/2025	P2	10.1	114.6	95	95	-2 / 2	DPMP		RF
804 /308 7	Water: Service, Lot 48 on Redwall Dr.	4	Below Grade	09/12/2025	P2	10.4	114.4	95	95	-2 / 2	DPMP		RF
805 /308 8	Water: Service, Lot 60 on Redwall Dr.	4	Below Grade	09/12/2025	P2	10.9	114.9	96	95	-2 / 2	DPMP		RF
806 /308 9	Water: Service, Lot 47 on Redwall Dr.	4	Below Grade	09/12/2025	P2	9.8	115.3	96	95	-2 / 2	DPMP		RF
807 /309 0	Water: Service, Lot 46 on Redwall Dr.	4	Below Grade	09/12/2025	P4	9.0	119.4	96	95	-2 / 2	DPMP		RF
808 /309 1	Water: Service, Lot 58 on Redwall Dr.	2	Below Grade	09/12/2025	P2	9.8	115.3	96	95	-2 / 2	DPMP		RF
809 /309 2	Water: Service, Lot 57 on Redwall Dr.	2	Below Grade	09/12/2025	P2	9.6	115.8	96	95	-2 / 2	DPMP		RF
810 /309 3	Water: Service, Lot 56 on Redwall Dr.	2	Below Grade	09/12/2025	P2	9.4	114.6	95	95	-2 / 2	DPMP		RF
811 /309 4	Water: Service, Lot 55 on Redwall Dr.	2	Below Grade	09/12/2025	P2	9.3	115.1	96	95	-2 / 2	DPMP		RF
812 /309 5	Water: Service, Lot 54 on Redwall Dr.	2	Below Grade	09/12/2025	P4	9.1	119.4	96	95	-2 / 2	DPMP		RF
813 /309 6	Water: Service, Lot 42 on Horn Hill Dr.	4	Below Grade	09/12/2025	P4	8.6	118.9	95	95	-2 / 2	DPMP		RF



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Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
814 β 097	Water: Service, Lot 43 on Horn Hill Dr.	4	Below Grade	09/12/2025	P4	7.8	118.7	95	95	-2 / 2	DPMP		RF
815 β 098	Water: Service, Lot 44 on Horn Hill Dr.	4	Below Grade	09/12/2025	P4	9.9	118.9	95	95	-2 / 2	DPMP		RF
816 β 099	Water: Service, Lot 45 on Horn Hill Dr.	4	Below Grade	09/12/2025	P4	8.2	121.4	97	95	-2 / 2	DPMP		RF
817 β 100	Water: Service, Lot 59 on Redwall Dr.	2	Below Grade	09/12/2025	P2	10.1	115.4	96	95	-2 / 2	DPMP		RF
818 β 101	Water: Service, Lot 46 on Redwall Dr.	2	Below Grade	09/12/2025	P4	7.5	121.3	97	95	-2 / 2	DPMP		RF
819 β 102	Water: Service, Lot 47 on Redwall Dr.	2	Below Grade	09/12/2025	P2	10.9	114.7	96	95	-2 / 2	DPMP		RF
820 β 103	Water: Service, Lot 60 on Redwall Dr.	2	Below Grade	09/12/2025	P2	9.9	114.5	95	95	-2 / 2	DPMP		RF
821 β 104	Water: Service, Lot 48 on Redwall Dr.	2	Below Grade	09/12/2025	P2	9.4	115.6	96	95	-2 / 2	DPMP		RF
822 β 105	Water: Service, Lot 49 on Redwall Dr.	2	Below Grade	09/12/2025	P2	10.5	116.0	97	95	-2 / 2	DPMP		RF
823 β 106	Water: Service, Lot 42 on Horn Hill Dr.	2	Below Grade	09/12/2025	P4	9.3	119.2	96	95	-2 / 2	DPMP		RF
824 β 107	Water: Service, Lot 43 on Horn Hill Dr.	2	Below Grade	09/12/2025	P4	8.7	119.8	96	95	-2 / 2	DPMP		RF
825 β 108	Water: Service, Lot 44 on Horn Hill Dr.	2	Below Grade	09/12/2025	P4	8.5	120.9	97	95	-2 / 2	DPMP		RF
826 β 109	Water: Service, Lot 45 on Horn Hill Dr.	2	Below Grade	09/12/2025	P4	8.9	119.1	96	95	-2 / 2	DPMP		RF

Remarks

DP/MP : Density Pass / Moisture Pass

Comments

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



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Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, CO

Proctor Data

Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)
P4	ASTM D1557 - B	SC	8.2	124.7
P6	ASTM D1557 - A	SM	8.2	126.8
P2	ASTM D1557 - A	ML	10.1	120.1
P3	ASTM D1557 - B	SW	7.5	125.8

09/22/2025

Reviewed by: Joey Goode, PE



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
827 / 311 0	Water: Service, Lot 13 on Sunrise Ridge Dr.	-	At Grade	09/15/2025	P4	7.6	119.4	96	95	-2 / 2	DPMP		RF
828 / 311 1	Water: Service, Lot 12 on Sunrise Ridge Dr.	-	At Grade	09/15/2025	P3	6.6	122.1	97	95	-2 / 2	DPMP		RF
829 / 311 2	Water: Service, Lot 11 on Sunrise Ridge Dr.	-	At Grade	09/15/2025	P3	6.1	120.3	96	95	-2 / 2	DPMP		RF
830 / 311 3	Water: Service, Lot 10 on Sunrise Ridge Dr.	-	At Grade	09/15/2025	P3	6.1	120.6	96	95	-2 / 2	DPMP		RF
831 / 311 4	Water: Service, Lot 9 on Sunrise Ridge Dr.	-	At Grade	09/15/2025	P4	6.4	120.8	97	95	-2 / 2	DPMP		RF
832 / 311 5	Water: Service, Lot 8 on Sunrise Ridge Dr.	-	At Grade	09/15/2025	P4	6.5	119.2	96	95	-2 / 2	DPMP		RF
833 / 311 6	Water: Service, Lot 7 on Sunrise Ridge Dr.	-	At Grade	09/15/2025	P4	6.6	120.4	97	95	-2 / 2	DPMP		RF
834 / 311 7	Water: Service, Lot 6 on Sunrise Ridge Dr.	-	At Grade	09/15/2025	P4	6.4	122.6	98	95	-2 / 2	DPMP		RF
835 / 311 8	Water: Service, Lot 5 on Sunrise Ridge Dr.	-	At Grade	09/15/2025	P4	6.2	121.2	97	95	-2 / 2	DPMP		RF
836 / 311 9	Water: Service, Lot 4 on Sunrise Ridge Dr.	-	At Grade	09/15/2025	P4	6.3	119.3	96	95	-2 / 2	DPMP		RF
837 / 312 0	Water: Service, Lot 3 on Sunrise Ridge Dr.	-	At Grade	09/15/2025	P4	7.0	120.1	96	95	-2 / 2	DPMP		RF
104 / 312 1	Storm Water: Main, STA 25 + 50 on Horn Hill Dr.	-	At Grade	09/15/2025	P4	7.5	122.6	98	95	-2 / 2	DPMP		RF
105 / 312 2	Storm Water: Manhole J9, STA 31 + 95 on Sunrise Ridge Dr.	-	At Grade	09/15/2025	P4	7.8	119.7	96	95	-2 / 2	DPMP		RF
106 / 312 3	Storm Water: Inlet 6 (street side) and Manhole J8, STA 32 + 25 on Galeros Dr.	-	At Grade	09/15/2025	P6	8.3	119.9	95	95	-2 / 2	DPMP		RF



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Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
107 / 312 4	Storm Water: Inlet 6 (lot side), STA 32 + 25 on Galeros Dr.	-	At Grade	09/15/2025	P6	7.8	120.1	95	95	-2 / 2	DPMP		RF
57 / 312 5	Roadway Subgrade: STA 19 + 50 on Crystal Falls Dr., 10' north of south curb	-	At Grade	09/15/2025	P3	6.9	120.8	96	95	-2 / 2	DPMP		RF
58 / 312 6	Roadway Subgrade: STA 18 + 50 on Crystal Falls Dr., 12' south of north curb	-	At Grade	09/15/2025	P2	8.3	117.9	98	95	-2 / 2	DPMP		RF
59 / 312 7	Roadway Subgrade: STA 17 + 50 on Crystal Falls Dr., 5' north of south curb	-	At Grade	09/15/2025	P2	8.8	119.4	99	95	-2 / 2	DPMP		RF
60 / 312 8	Roadway Subgrade: STA 16 + 50 on Crystal Falls Dr., 8' south of north curb	-	At Grade	09/15/2025	P2	8.6	118.2	98	95	-2 / 2	DPMP		RF
61 / 312 9	Roadway Subgrade: STA 15 + 50 on Crystal Falls Dr., 13' north of south curb	-	At Grade	09/15/2025	P3	6.7	122.3	97	95	-2 / 2	DPMP		RF
62 / 313 0	Roadway Subgrade: STA 14 + 50 on Crystal Falls Dr., 3' south of north curb	-	At Grade	09/15/2025	P3	6.3	122.9	98	95	-2 / 2	DPMP		RF
63 / 313 1	Roadway Subgrade: STA 13 + 50 on Crystal Falls Dr., 5' north of south curb	-	At Grade	09/15/2025	P2	8.7	117.4	98	95	-2 / 2	DPMP		RF
64 / 313 2	Roadway Subgrade: STA 12 + 50 on Crystal Falls Dr., 10' south of north curb	-	At Grade	09/15/2025	P2	9.1	115.8	96	95	-2 / 2	DPMP		RF
65 / 313 3	Roadway Subgrade: STA 11 + 50 on Crystal Falls Dr., 7' north of south curb	-	At Grade	09/15/2025	P2	8.4	116.1	97	95	-2 / 2	DPMP		RF
66 / 313 4	Roadway Subgrade: STA 10 + 50 on Crystal Falls Dr., 10' south of north curb	-	At Grade	09/15/2025	P2	8.7	115.9	97	95	-2 / 2	DPMP		RF
67 / 313 5	Roadway Subgrade: STA 15 + 50 on House Rock Dr., 15' west of east curb	-	At Grade	09/15/2025	P1	7.7	122.1	96	95	-2 / 2	DPMP		RF
68 / 313 6	Roadway Subgrade: STA 14 + 50 on House Rock Dr., 10' east of west curb	-	At Grade	09/15/2025	P1	6.8	122.0	96	95	-2 / 2	DPMP		RF
69 / 313 7	Roadway Subgrade: STA 13 + 50 on House Rock Dr., 11' west of east curb	-	At Grade	09/15/2025	P1	7.9	123.4	97	95	-2 / 2	DPMP		RF
70 / 313 8	Roadway Subgrade: STA 12 + 50 on House Rock Dr., 13' east of west curb	-	At Grade	09/15/2025	P2	8.5	117.3	98	95	-2 / 2	DPMP		RF



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Soil Density Report

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
71 / 313 9	Roadway Subgrade: STA 11 + 50 on House Rock Dr., 5' west of east curb	-	At Grade	09/15/2025	P2	8.3	116.8	97	95	-2 / 2	DPMP		RF
72 / 314 0	Roadway Subgrade: STA 10 + 50 on House Rock Dr., 5' east of west curb	-	At Grade	09/15/2025	P2	8.6	117.8	98	95	-2 / 2	DPMP		RF
838 / 314 1	Water: Service, Lot 60 on Redwall Dr.	-	At Grade	09/15/2025	P2	8.6	115.6	96	95	-2 / 2	DPMP		RF
839 / 314 2	Water: Service, Lot 59 on Redwall Dr.	-	At Grade	09/15/2025	P2	9.4	115.0	96	95	-2 / 2	DPMP		RF
840 / 314 3	Water: Service, Lot 58 on Redwall Dr.	-	At Grade	09/15/2025	P2	9.4	115.7	96	95	-2 / 2	DPMP		RF
841 / 314 4	Water: Service, Lot 57 on Redwall Dr.	-	At Grade	09/15/2025	P2	8.9	116.5	97	95	-2 / 2	DPMP		RF
842 / 314 5	Water: Service, Lot 56 on Redwall Dr.	-	At Grade	09/15/2025	P2	8.4	115.1	96	95	-2 / 2	DPMP		RF
843 / 314 6	Water: Service, Lot 55 on Redwall Dr.	-	At Grade	09/15/2025	P2	8.9	114.5	95	95	-2 / 2	DPMP		RF
844 / 314 7	Water: Service, Lot 54 on Redwall Dr.	-	At Grade	09/15/2025	P4	7.7	119.3	96	95	-2 / 2	DPMP		RF
845 / 314 8	Water: Service, Lot 53 on Redwall Dr.	-	At Grade	09/15/2025	P4	8.5	117.9	95	95	-2 / 2	DPMP		RF
846 / 314 9	Water: Service, Lot 52 on Redwall Dr.	-	At Grade	09/15/2025	P2	8.1	115.6	96	95	-2 / 2	DPMP		RF
847 / 315 0	Water: Service, Lot 51 on Redwall Dr.	-	At Grade	09/15/2025	P2	8.7	115.3	96	95	-2 / 2	DPMP		RF
848 / 315 1	Water: Service, Lot 50 on Redwall Dr.	-	At Grade	09/15/2025	P2	8.7	116.2	97	95	-2 / 2	DPMP		RF
849 / 315 2	Water: Service, Lot 49 on Redwall Dr.	-	At Grade	09/15/2025	P2	8.7	115.4	96	95	-2 / 2	DPMP		RF
850 / 315 3	Water: Service, Lot 48 on Redwall Dr.	-	At Grade	09/15/2025	P2	8.1	115.6	96	95	-2 / 2	DPMP		RF



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Soil Density Report

Client:

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
851 /315 4	Water: Service, Lot 47 on Redwall Dr.	-	At Grade	09/15/2025	P2	8.8	114.7	96	95	-2 / 2	DPMP		RF
852 /315 5	Water: Service, Lot 46 on Redwall Dr.	-	At Grade	09/15/2025	P4	8.6	119.2	96	95	-2 / 2	DPMP		RF
853 /315 6	Water: Service, Lot 45 on Horn Hill Dr.	-	At Grade	09/15/2025	P4	7.4	119.7	96	95	-2 / 2	DPMP		RF
854 /315 7	Water: Service, Lot 44 on Horn Hill Dr.	-	At Grade	09/15/2025	P4	8.4	119.3	96	95	-2 / 2	DPMP		RF
855 /315 8	Water: Service, Lot 43 on Horn Hill Dr.	-	At Grade	09/15/2025	P4	7.6	119.6	96	95	-2 / 2	DPMP		RF
856 /315 9	Water: Service, Lot 42 on Horn Hill Dr.	-	At Grade	09/15/2025	P4	8.7	120.5	97	95	-2 / 2	DPMP		RF

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 - B	SC	8.2	124.7
P3	ASTM D1557 - B	SW	7.5	125.8
P6	ASTM D1557 - A	SM	8.2	126.8
P2	ASTM D1557 - A	ML	10.1	120.1
P1	ASTM D1557 - B	SC	8.5	127.5

09/29/2025

Reviewed by: Joey Goode, PE



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
857 / 316 0	Water: Service, Lot 73 on Temple Butte Dr.	4	At Grade	09/16/2025	P4	8.4	119.4	96	95	-2 / 2	DPMP		RF
858 / 316 1	Water: Service, Lot 62 on Temple Butte Dr.	4	At Grade	09/16/2025	P4	7.9	119.7	96	95	-2 / 2	DPMP		RF
859 / 316 2	Water: Service, Lot 61 on Temple Butte Dr.	4	At Grade	09/16/2025	P4	9.3	118.6	95	95	-2 / 2	DPMP		RF
860 / 316 3	Water: Service, Lot 74 on Temple Butte Dr.	4	At Grade	09/16/2025	P4	8.6	120.2	96	95	-2 / 2	DPMP		RF
861 / 316 4	Water: Service, Lot 72 on Temple Butte Dr.	4	At Grade	09/16/2025	P4	9.2	119.3	96	95	-2 / 2	DPMP		RF
862 / 316 5	Water: Service, Lot 63 on Temple Butte Dr.	4	At Grade	09/16/2025	P4	8.8	118.8	95	95	-2 / 2	DPMP		RF
863 / 316 6	Water: Service, Lot 71 on Temple Butte Dr.	4	At Grade	09/16/2025	P4	9.8	119.9	96	95	-2 / 2	DPMP		RF
864 / 316 7	Water: Service, Lot 64 on Temple Butte Dr.	4	At Grade	09/16/2025	P4	8.5	120.3	97	95	-2 / 2	DPMP		RF
865 / 316 8	Water: Service, Lot 70 on Temple Butte Dr.	4	At Grade	09/16/2025	P4	9.7	119.0	95	95	-2 / 2	DPMP		RF
866 / 316 9	Water: Service, Lot 65 on Temple Butte Dr.	4	At Grade	09/16/2025	P4	8.4	119.3	96	95	-2 / 2	DPMP		RF
867 / 317 0	Water: Service, Lot 74 on Temple Butte Dr.	2	At Grade	09/16/2025	P4	9.8	118.7	95	95	-2 / 2	DPMP		RF
868 / 317 1	Water: Service, Lot 61 on Temple Butte Dr.	2	At Grade	09/16/2025	P4	9.8	119.7	96	95	-2 / 2	DPMP		RF
869 / 317 2	Water: Service, Lot 62 on Temple Butte Dr.	2	At Grade	09/16/2025	P4	8.8	120.1	96	95	-2 / 2	DPMP		RF
870 / 317 3	Water: Service, Lot 73 on Temple Butte Dr.	2	At Grade	09/16/2025	P4	9.7	119.1	96	95	-2 / 2	DPMP		RF



Entech Engineering
505 Elkton Dr.
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Phone: 719-531-5599

Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
871 β 17 4	Water: Service, Lot 72 on Temple Butte Dr.	2	At Grade	09/16/2025	P4	9.4	120.1	96	95	-2 / 2	DPMP		RF
872 β 17 5	Water: Service, Lot 63 on Temple Butte Dr.	2	At Grade	09/16/2025	P4	8.4	119.2	96	95	-2 / 2	DPMP		RF
873 β 17 6	Water: Service, Lot 71 on Temple Butte Dr.	2	At Grade	09/16/2025	P4	8.7	119.8	96	95	-2 / 2	DPMP		RF
874 β 17 7	Water: Service, Lot 64 on Temple Butte Dr.	2	At Grade	09/16/2025	P4	8.5	118.3	95	95	-2 / 2	DPMP		RF
875 β 17 8	Water: Service, Lot 70 on Temple Butte Dr.	2	At Grade	09/16/2025	P4	8.6	118.6	95	95	-2 / 2	DPMP		RF
876 β 17 9	Water: Service, Lot 65 on Temple Butte Dr.	2	At Grade	09/16/2025	P4	8.0	118.4	95	95	-2 / 2	DPMP		RF
73 β 18 0	Roadway Subgrade: CTS, STA 19 + 75 on Crystal Falls Dr., 12' south of north curb in the westbound lane.	-	At Grade	09/16/2025	P8 (CTS)	8.6	126.4	99	95	-2 / 2	DPMP		RF
74 β 18 1	Roadway Subgrade: CTS, STA 17 + 75 on Crystal Falls Dr., 8' south of north curb in the westbound lane.	-	At Grade	09/16/2025	P8 (CTS)	9.1	122.9	96	95	-2 / 2	DPMP		RF
75 β 18 2	Roadway Subgrade: CTS, STA 15 + 75 on Crystal Falls Dr., 8' south of north curb in the westbound lane.	-	At Grade	09/16/2025	P8 (CTS)	8.8	126.3	99	95	-2 / 2	DPMP		RF
76 β 18 3	Roadway Subgrade: CTS, STA 18 + 75 on Crystal Falls Dr., 12' north of south curb in the eastbound lane.	-	At Grade	09/16/2025	P8 (CTS)	8.7	122.8	96	95	-2 / 2	DPMP		RF
77 β 18 4	Roadway Subgrade: CTS, STA 16 + 75 on Crystal Falls Dr., 5' north of south curb in the eastbound lane.	-	At Grade	09/16/2025	P8 (CTS)	8.9	122.9	96	95	-2 / 2	DPMP		RF
78 β 18 5	Roadway Subgrade: CTS, STA 14 + 75 on Crystal Falls Dr., 13' north of south curb in the eastbound lane.	-	At Grade	09/16/2025	P8 (CTS)	8.7	123.8	97	95	-2 / 2	DPMP		RF
79 β 18 6	Roadway Subgrade: CTS, STA 13 + 75 on Crystal Falls Dr., 9' south of north curb in the westbound lane.	-	At Grade	09/16/2025	P8 (CTS)	8.7	123.3	97	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
80 / 318 7	Roadway Subgrade: CTS, STA 12 + 75 on Crystal Falls Dr., 7' north of south curb in the eastbound lane.	-	At Grade	09/16/2025	P8 (CTS)	8.8	123.3	97	95	-2 / 2	DPMP		RF
81 / 318 8	Roadway Subgrade: CTS, STA 11 + 75 on Crystal Falls Dr., 7' south of north curb in the westbound lane.	-	At Grade	09/16/2025	P8 (CTS)	8.0	121.7	96	95	-2 / 2	DPMP		RF
82 / 318 9	Roadway Subgrade: CTS, STA 10 + 75 on Crystal Falls Dr., 10' north of south curb in the eastbound lane.	-	At Grade	09/16/2025	P8 (CTS)	8.9	124.9	98	95	-2 / 2	DPMP		RF
877 / 319 0	Water: Service, Lot 38 on Horn Hill Dr.	4	At Grade	09/16/2025	P4	9.8	118.8	95	95	-2 / 2	DPMP		RF
878 / 319 1	Water: Service, Lot 37 on Horn Hill Dr.	4	At Grade	09/16/2025	P4	9.0	119.2	96	95	-2 / 2	DPMP		RF
879 / 319 2	Water: Service, Lot 69 on Temple Butte Dr.	4	At Grade	09/16/2025	P4	9.7	119.3	96	95	-2 / 2	DPMP		RF
880 / 319 3	Water: Service, Lot 66 on Temple Butte Dr.	4	At Grade	09/16/2025	P4	8.4	118.5	95	95	-2 / 2	DPMP		RF
881 / 319 4	Water: Service, Lot 68 on Temple Butte Dr.	4	At Grade	09/16/2025	P4	7.7	119.8	96	95	-2 / 2	DPMP		RF
882 / 319 5	Water: Service, Lot 67 on Temple Butte Dr.	4	At Grade	09/16/2025	P4	7.6	119.7	96	95	-2 / 2	DPMP		RF
83 / 319 6	Roadway Subgrade: STA 78 + 75 on Sunrise Ridge Dr., 8' north of south curb in the eastbound lane.	-	At Grade	09/16/2025	P2	8.2	116.5	97	95	-2 / 2	DPMP		RF
84 / 319 7	Roadway Subgrade: STA 77 + 75 on Sunrise Ridge Dr., 10' south of north curb in the westbound lane.	-	At Grade	09/16/2025	P2	9.2	115.9	97	95	-2 / 2	DPMP		RF
85 / 319 8	Roadway Subgrade: STA 76 + 75 on Sunrise Ridge Dr., 5' north of south curb in the eastbound lane.	-	At Grade	09/16/2025	P2	9.4	117.5	98	95	-2 / 2	DPMP		RF
86 / 319 9	Roadway Subgrade: STA 75 + 75 on Sunrise Ridge Dr., 7' south of north curb in the westbound lane.	-	At Grade	09/16/2025	P2	8.6	114.7	96	95	-2 / 2	DPMP		RF



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250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
87 /320 0	Roadway Subgrade: STA 74 + 75 on Sunrise Ridge Dr., 14' north of south curb in the eastbound lane.	-	At Grade	09/16/2025	P2	9.2	114.9	96	95	-2 / 2	DPMP		RF
88 /320 1	Roadway Subgrade: STA 73 + 75 on Sunrise Ridge Dr., 8' south of north curb in the westbound lane.	-	At Grade	09/16/2025	P2	9.9	116.3	97	95	-2 / 2	DPMP		RF
89 /320 2	Roadway Subgrade: STA 72 + 75 on Sunrise Ridge Dr., 10' north of south curb in the eastbound lane.	-	At Grade	09/16/2025	P2	9.7	117.6	98	95	-2 / 2	DPMP		RF
90 /320 3	Roadway Subgrade: STA 71 + 75 on Sunrise Ridge Dr., 5' south of north curb in the westbound lane.	-	At Grade	09/16/2025	P2	9.6	114.7	96	95	-2 / 2	DPMP		RF
91 /320 4	Roadway Subgrade: STA 70 + 75 on Sunrise Ridge Dr., 9' north of south curb in the eastbound lane.	-	At Grade	09/16/2025	P2	9.6	116.2	97	95	-2 / 2	DPMP		RF
92 /320 5	Roadway Subgrade: STA 69 + 75 on Sunrise Ridge Dr., 10' south of north curb in the westbound lane.	-	At Grade	09/16/2025	P2	9.3	116.1	97	95	-2 / 2	DPMP		RF
93 /320 6	Roadway Subgrade: STA 10 + 35 on Cardenas Dr., 7' west of east curb in the northbound lane.	-	At Grade	09/16/2025	P3	6.6	120.1	96	95	-2 / 2	DPMP		RF
94 /320 7	Roadway Subgrade: STA 11 + 25 on Cardenas Dr., 5' east of west curb in the southbound lane.	-	At Grade	09/16/2025	P3	8.4	119.8	95	95	-2 / 2	DPMP		RF
95 /320 8	Roadway Subgrade: STA 68 + 75 on Cardenas Dr., 5' north of south curb in the eastbound lane.	-	At Grade	09/16/2025	P2	9.6	117.4	98	95	-2 / 2	DPMP		RF
96 /320 9	Roadway Subgrade: STA 67 + 75 on Cardenas Dr., 7' south of north curb in the westbound lane.	-	At Grade	09/16/2025	P2	8.6	115.7	96	95	-2 / 2	DPMP		RF
97 /321 0	Roadway Subgrade: STA 66 + 75 on Cardenas Dr., 12' north of south curb in the eastbound lane.	-	At Grade	09/16/2025	P3	8.0	120.3	96	95	-2 / 2	DPMP		RF
98 /321 1	Roadway Subgrade: STA 65 + 75 on Cardenas Dr., 15' south of north curb in the westbound lane.	-	At Grade	09/16/2025	P3	9.3	121.0	96	95	-2 / 2	DPMP		RF
99 /321 2	Roadway Subgrade: STA 16 + 00 on House Rock Dr., 15' north of south curb in the eastbound lane.	-	At Grade	09/16/2025	P1	7.6	124.1	97	95	-2 / 2	DPMP		RF



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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
100 /321 3	Roadway Subgrade: STA 18 + 00 on House Rock Dr., 7' north of south curb in the eastbound lane.	-	At Grade	09/16/2025	P1	7.8	122.9	96	95	-2 / 2	DPMP		RF
101 /321 4	Roadway Subgrade: STA 20 + 00 on House Rock Dr., 12' north of south curb in the eastbound lane.	-	At Grade	09/16/2025	P1	8.2	122.2	96	95	-2 / 2	DPMP		RF
102 /321 5	Roadway Subgrade: STA 22 + 00 on House Rock Dr., 10' north of south curb in the eastbound lane.	-	At Grade	09/16/2025	P1	7.8	121.4	95	95	-2 / 2	DPMP		RF
103 /321 6	Roadway Subgrade: STA 23 + 00 on House Rock Dr., 7' south of north curb in the westbound lane.	-	At Grade	09/16/2025	P1	8.4	121.1	95	95	-2 / 2	DPMP		RF
104 /321 7	Roadway Subgrade: STA 21 + 00 on House Rock Dr., 13' south of north curb in the westbound lane.	-	At Grade	09/16/2025	P1	7.5	123.1	97	95	-2 / 2	DPMP		RF
105 /321 8	Roadway Subgrade: STA 19 + 00 on House Rock Dr., 11' south of north curb in the westbound lane.	-	At Grade	09/16/2025	P1	8.1	122.0	96	95	-2 / 2	DPMP		RF
106 /321 9	Roadway Subgrade: STA 17 + 00 on House Rock Dr., 6' south of north curb in the westbound lane.	-	At Grade	09/16/2025	P1	7.1	120.5	95	95	-2 / 2	DPMP		RF

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 - B	SC	8.2	124.7
P8 (CTS)		SC	7.1	127.5
P2	ASTM D1557 - A	ML	10.1	120.1
P3	ASTM D1557 - B	SW	7.5	125.8
P1	ASTM D1557 - B	SC	8.5	127.5

09/29/2025

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
883 / 322 6	Water: Service, Lot 41 on Horn Hill Dr.	4	Below Grade	09/17/2025	P4	9.9	118.6	95	95	-2 / 2	DPMP		RF
884 / 322 7	Water: Service, Lot 40 on Horn Hill Dr.	4	Below Grade	09/17/2025	P4	8.6	119.6	96	95	-2 / 2	DPMP		RF
885 / 322 8	Water: Service, Lot 39 on Horn Hill Dr.	4	Below Grade	09/17/2025	P4	8.8	119.2	96	95	-2 / 2	DPMP		RF
886 / 322 9	Water: Service, Lot 88 on Bright Angel Dr.	4	Below Grade	09/17/2025	P4	9.9	119.2	96	95	-2 / 2	DPMP		RF
887 / 323 0	Water: Service, Lot 87 on Bright Angel Dr.	4	Below Grade	09/17/2025	P7	11.8	108.1	97	95	-2 / 2	DPMP		RF
888 / 323 1	Water: Service, Lot 76 on Bright Angel Dr.	4	Below Grade	09/17/2025	P7	11.7	108.4	97	95	-2 / 2	DPMP		RF
889 / 323 4	Water: Service, Lot 77 on Bright Angel Dr.	4	Below Grade	09/17/2025	P7	11.9	107.8	96	95	-2 / 2	DPMP		RF
890 / 323 5	Water: Service, Lot 86 on Bright Angel Dr.	4	Below Grade	09/17/2025	P7	11.9	109.9	98	95	-2 / 2	DPMP		RF
891 / 323 8	Water: Service, Lot 78 on Bright Angel Dr.	4	Below Grade	09/17/2025	P7	12.1	107.1	96	95	-2 / 2	DPMP		RF
892 / 324 0	Water: Service, Lot 85 on Bright Angel Dr.	4	Below Grade	09/17/2025	P7	11.9	106.8	96	95	-2 / 2	DPMP		RF
893 / 324 1	Water: Service, Lot 79 on Bright Angel Dr.	4	Below Grade	09/17/2025	P4	9.3	119.3	96	95	-2 / 2	DPMP		RF
894 / 324 2	Water: Service, Lot 84 on Bright Angel Dr.	4	Below Grade	09/17/2025	P4	7.8	122.6	98	95	-2 / 2	DPMP		RF
895 / 324 3	Water: Service, Lot 80 on Bright Angel Dr.	4	Below Grade	09/17/2025	P4	7.9	119.7	96	95	-2 / 2	DPMP		RF
896 / 324 4	Water: Service, Lot 84 on Bright Angel Dr.	4	Below Grade	09/17/2025	P4	9.8	118.4	95	95	-2 / 2	DPMP		RF



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897 /324 5	Water: Service, Lot 68 on Temple Butte Dr.	2	Below Grade	09/17/2025	P4	7.3	119.4	96	95	-2 / 2	DPMP		RF
898 /324 6	Water: Service, Lot 67 on Temple Butte Dr.	2	Below Grade	09/17/2025	P4	7.8	119.9	96	95	-2 / 2	DPMP		RF
899 /324 7	Water: Service, Lot 66 on Temple Butte Dr.	2	Below Grade	09/17/2025	P4	7.3	119.3	96	95	-2 / 2	DPMP		RF
900 /324 8	Water: Service, Lot 69 on Temple Butte Dr.	2	Below Grade	09/17/2025	P4	9.4	120.2	96	95	-2 / 2	DPMP		RF
901 /324 9	Water: Service, Lot 41 on Horn Hill Dr.	2	Below Grade	09/17/2025	P4	9.6	118.4	95	95	-2 / 2	DPMP		RF
902 /325 0	Water: Service, Lot 40 on Horn Hill Dr.	2	Below Grade	09/17/2025	P4	9.9	120.2	96	95	-2 / 2	DPMP		RF
903 /325 1	Water: Service, Lot 39 on Horn Hill Dr.	2	Below Grade	09/17/2025	P4	8.1	119.9	96	95	-2 / 2	DPMP		RF
904 /325 2	Water: Service, Lot 38 on Horn Hill Dr.	2	Below Grade	09/17/2025	P4	9.8	118.6	95	95	-2 / 2	DPMP		RF
905 /325 3	Water: Service, Lot 37 on Horn Hill Dr.	2	Below Grade	09/17/2025	P4	8.5	119.7	96	95	-2 / 2	DPMP		RF
906 /325 4	Water: Service, Lot 88 on Bright Angel Dr.	2	Below Grade	09/17/2025	P4	9.8	120.2	96	95	-2 / 2	DPMP		RF
907 /325 5	Water: Service, Lot 76 on Bright Angel Dr.	2	Below Grade	09/17/2025	P7	12.9	107.6	96	95	-1 / 3	DPMP		RF
908 /325 6	Water: Service, Lot 87 on Bright Angel Dr.	2	Below Grade	09/17/2025	P7	12.8	109.9	98	95	-1 / 3	DPMP		RF
909 /325 7	Water: Service, Lot 77 on Bright Angel Dr.	2	Below Grade	09/17/2025	P7	12.9	108.4	97	95	-1 / 3	DPMP		RF
910 /325 8	Water: Service, Lot 86 on Bright Angel Dr.	2	Below Grade	09/17/2025	P7	13.1	109.4	98	95	-1 / 3	DPMP		RF
911 /325 9	Water: Service, Lot 78 on Bright Angel Dr.	2	Below Grade	09/17/2025	P7	13.4	107.6	96	95	-1 / 3	DPMP		RF



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912 β 260	Water: Service, Lot 85 on Bright Angel Dr.	2	Below Grade	09/17/2025	P7	12.9	109.0	98	95	-1 / 3	DPMP		RF
913 β 261	Water: Service, Lot 79 on Bright Angel Dr.	2	Below Grade	09/17/2025	P4	8.9	119.6	96	95	-2 / 2	DPMP		RF
914 β 262	Water: Service, Lot 84 on Bright Angel Dr.	2	Below Grade	09/17/2025	P4	9.8	118.7	95	95	-2 / 2	DPMP		RF
915 β 263	Water: Service, Lot 83 on Bright Angel Dr.	2	Below Grade	09/17/2025	P4	7.7	120.5	97	95	-2 / 2	DPMP		RF
916 β 264	Water: Service, Lot 80 on Bright Angel Dr.	2	Below Grade	09/17/2025	P4	8.8	119.7	96	95	-2 / 2	DPMP		RF
917 β 279	Water: Service, Lot 33 on Horn Hill Dr.	4	Below Grade	09/18/2025	P4	8.7	119.2	96	95	-2 / 2	DPMP		RF
918 β 280	Water: Service, Lot 36 on Horn Hill Dr.	4	Below Grade	09/18/2025	P4	8.8	119.6	96	95	-2 / 2	DPMP		RF
919 β 281	Water: Service, Lot 35 on Horn Hill Dr.	4	Below Grade	09/18/2025	P4	9.0	119.9	96	95	-2 / 2	DPMP		RF
920 β 282	Water: Service, Lot 34 on Horn Hill Dr.	4	Below Grade	09/18/2025	P4	8.9	118.4	95	95	-2 / 2	DPMP		RF
921 β 283	Water: Service, Lot 67 on Temple Butte Dr.	-	At Grade	09/18/2025	P4	8.9	120.6	97	95	-2 / 2	DPMP		RF
922 β 284	Water: Service, Lot 66 on Temple Butte Dr.	-	At Grade	09/18/2025	P4	8.4	120.7	97	95	-2 / 2	DPMP		RF
923 β 285	Water: Service, Lot 65 on Temple Butte Dr.	-	At Grade	09/18/2025	P4	8.9	120.1	96	95	-2 / 2	DPMP		RF
924 β 286	Water: Service, Lot 64 on Temple Butte Dr.	-	At Grade	09/18/2025	P4	8.6	119.8	96	95	-2 / 2	DPMP		RF
925 β 287	Water: Service, Lot 95 on Tapeats Dr.	4	Below Grade	09/18/2025	P5	11.7	116.2	96	95	-2 / 2	DPMP		RF
926 β 288	Water: Service, Lot 94 on Tapeats Dr.	4	Below Grade	09/18/2025	P5	10.8	117.2	97	95	-2 / 2	DPMP		RF



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927 /328 9	Water: Service, Lot 98 on Tapeats Dr.	4	Below Grade	09/18/2025	P5	10.5	116.1	96	95	-2 / 2	DPMP		RF
928 /329 0	Water: Service, Lot 93 on Tapeats Dr.	4	Below Grade	09/18/2025	P5	11.1	117.4	97	95	-2 / 2	DPMP		RF
929 /329 1	Water: Service, Lot 99 on Tapeats Dr.	4	Below Grade	09/18/2025	P5	11.1	116.3	97	95	-2 / 2	DPMP		RF
930 /329 2	Water: Service, Lot 92 on Tapeats Dr.	4	Below Grade	09/18/2025	P5	10.6	115.1	96	95	-2 / 2	DPMP		RF
931 /329 3	Water: Service, Lot 100 on Tapeats Dr.	4	Below Grade	09/18/2025	P5	10.3	114.7	95	95	-2 / 2	DPMP		RF
932 /329 4	Water: Service, Lot 91 on Tapeats Dr.	4	Below Grade	09/18/2025	P5	10.8	115.2	96	95	-2 / 2	DPMP		RF
933 /329 5	Water: Service, Lot 101 on Tapeats Dr.	4	Below Grade	09/18/2025	P5	10.7	114.6	95	95	-2 / 2	DPMP		RF
934 /329 6	Water: Service, Lot 90 on Tapeats Dr.	4	Below Grade	09/18/2025	P5	11.1	116.3	97	95	-2 / 2	DPMP		RF
935 /329 7	Water: Service, Lot 102 on Tapeats Dr.	4	Below Grade	09/18/2025	P5	10.0	115.8	96	95	-2 / 2	DPMP		RF
936 /329 8	Water: Service, Lot 89 on Tapeats Dr.	4	Below Grade	09/18/2025	P5	10.8	116.8	97	95	-2 / 2	DPMP		RF
937 /329 9	Water: Service, Lot 82 on Bright Angel Dr.	4	Below Grade	09/18/2025	P4	7.8	120.2	96	95	-2 / 2	DPMP		RF
938 /330 0	Water: Service, Lot 81 on Bright Angel Dr.	4	Below Grade	09/18/2025	P4	8.7	119.6	96	95	-2 / 2	DPMP		RF
939 /330 4	Water: Service, Lot 93 on Tapeats Dr.	2	Below Grade	09/18/2025	P5	10.8	115.8	96	95	-2 / 2	DPMP		RF
940 /330 5	Water: Service, Lot 98 on Tapeats Dr.	2	Below Grade	09/18/2025	P5	10.7	115.1	96	95	-2 / 2	DPMP		RF
941 /330 6	Water: Service, Lot 99 on Tapeats Dr.	2	Below Grade	09/18/2025	P5	10.5	115.4	96	95	-2 / 2	DPMP		RF



Entech Engineering
505 Elkton Dr.
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Phone: 719-531-5599

Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
942 /3307	Water: Service, Lot 92 on Tapeats Dr.	2	Below Grade	09/18/2025	P5	10.8	115.9	96	95	-2 / 2	DPMP		RF
943 /3308	Water: Service, Lot 100 on Tapeats Dr.	2	Below Grade	09/18/2025	P5	10.5	115.8	96	95	-2 / 2	DPMP		RF
944 /3309	Water: Service, Lot 91 on Tapeats Dr.	2	Below Grade	09/18/2025	P5	10.3	115.2	96	95	-2 / 2	DPMP		RF
945 /3310	Water: Service, Lot 101 on Tapeats Dr.	2	Below Grade	09/18/2025	P5	10.3	115.1	96	95	-2 / 2	DPMP		RF
946 /3311	Water: Service, Lot 90 on Tapeats Dr.	2	Below Grade	09/18/2025	P5	10.4	115.8	96	95	-2 / 2	DPMP		RF
947 /3312	Water: Service, Lot 102 on Tapeats Dr.	2	Below Grade	09/18/2025	P5	10.9	116.4	97	95	-2 / 2	DPMP		RF
948 /3313	Water: Service, Lot 89 on Tapeats Dr.	2	Below Grade	09/18/2025	P5	10.6	116.7	97	95	-2 / 2	DPMP		RF
949 /3314	Water: Service, Lot 82 on Bright Angel Dr.	2	Below Grade	09/18/2025	P4	8.1	120.6	97	95	-2 / 2	DPMP		RF
950 /3315	Water: Service, Lot 81 on Bright Angel Dr.	2	Below Grade	09/18/2025	P4	7.9	120.6	97	95	-2 / 2	DPMP		RF
951 /3317	Water: Service, Lot 96 on Tapeats Dr.	4	Below Grade	09/18/2025	P5	10.0	115.2	96	95	-2 / 2	DPMP		RF
952 /3318	Water: Service, Lot 95 on Tapeats Dr.	2	Below Grade	09/18/2025	P5	11.0	115.3	96	95	-2 / 2	DPMP		RF
953 /3319	Water: Service, Lot 97 on Tapeats Dr.	4	Below Grade	09/18/2025	P5	11.5	115.7	96	95	-2 / 2	DPMP		RF
954 /3320	Water: Service, Lot 94 on Tapeats Dr.	2	Below Grade	09/18/2025	P5	10.1	115.5	96	95	-2 / 2	DPMP		RF

Remarks

DP/MP : Density Pass / Moisture Pass

Comments

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



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Soil Density Report

Client:

Tech Contractors
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San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, CO

Proctor Data

Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)
P4	ASTM D1557 - B	SC	8.2	124.7
P7	ASTM D698 - A	CL	13.7	111.8
P5	ASTM D1557 - A	SM	11.3	120.5

09/30/2025

Reviewed by: Joey Goode, PE



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Soil Density Report

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San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
108 /331 6	Storm Water: Main, STA 63 + 00 on Sunrise Ridge Dr.	2	Below Grade	09/18/2025	P4	9.7	118.6	95	95	-2 / 2	DPMP		RF
955 /333 6	Water: Service, Lot 63 on Temple Butte Dr.	-	At Grade	09/19/2025	P4	8.1	121.3	97	95	-2 / 2	DPMP		RF
956 /333 7	Water: Service, Lot 62 on Temple Butte Dr.	-	At Grade	09/19/2025	P4	8.6	119.6	96	95	-2 / 2	DPMP		RF
957 /333 8	Water: Service, Lot 61 on Temple Butte Dr.	-	At Grade	09/19/2025	P4	8.3	120.1	96	95	-2 / 2	DPMP		RF
958 /333 9	Water: Service, Lot 74 on Temple Butte Dr.	-	At Grade	09/19/2025	P4	7.9	120.6	97	95	-2 / 2	DPMP		RF
959 /334 0	Water: Service, Lot 73 on Temple Butte Dr.	-	At Grade	09/19/2025	P4	8.2	119.7	96	95	-2 / 2	DPMP		RF
960 /334 1	Water: Service, Lot 72 on Temple Butte Dr.	-	At Grade	09/19/2025	P4	8.3	120.4	97	95	-2 / 2	DPMP		RF
961 /334 2	Water: Service, Lot 71 on Temple Butte Dr.	-	At Grade	09/19/2025	P4	7.9	120.1	96	95	-2 / 2	DPMP		RF
962 /334 3	Water: Service, Lot 70 on Temple Butte Dr.	-	At Grade	09/19/2025	P4	8.5	119.8	96	95	-2 / 2	DPMP		RF
963 /334 4	Water: Service, Lot 69 on Temple Butte Dr.	-	At Grade	09/19/2025	P4	8.6	120.3	97	95	-2 / 2	DPMP		RF
964 /334 5	Water: Service, Lot 68 on Temple Butte Dr.	-	At Grade	09/19/2025	P4	7.8	119.1	96	95	-2 / 2	DPMP		RF
965 /334 6	Water: Service, Lot 33 on Horn Hill Dr.	2	Below Grade	09/19/2025	P4	8.7	119.2	96	95	-2 / 2	DPMP		RF
966 /334 7	Water: Service, Lot 32 on Horn Hill Dr.	4	Below Grade	09/19/2025	P4	8.9	119.5	96	95	-2 / 2	DPMP		RF
967 /334 8	Water: Service, Lot 31 on Horn Hill Dr.	4	Below Grade	09/19/2025	P4	8.7	120.7	97	95	-2 / 2	DPMP		RF



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Soil Density Report

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
968 /334 9	Water: Service, Lot 30 on Horn Hill Dr.	4	Below Grade	09/19/2025	P4	8.8	118.6	95	95	-2 / 2	DPMP		RF
969 /335 0	Water: Service, Lot 29 on Horn Hill Dr.	4	Below Grade	09/19/2025	P4	8.7	119.6	96	95	-2 / 2	DPMP		RF
970 /335 1	Water: Service, Lot 28 on Horn Hill Dr.	4	Below Grade	09/19/2025	P4	8.6	119.8	96	95	-2 / 2	DPMP		RF
971 /335 2	Water: Service, Lot 27 on Horn Hill Dr.	4	Below Grade	09/19/2025	P4	8.4	119.1	96	95	-2 / 2	DPMP		RF
972 /335 3	Water: Service, Lot 26 on Horn Hill Dr.	4	Below Grade	09/19/2025	P4	9.3	120.3	97	95	-2 / 2	DPMP		RF
973 /335 4	Water: Service, Lot 103 on Galeros Dr.	4	Below Grade	09/19/2025	P4	9.4	119.1	96	95	-2 / 2	DPMP		RF
974 /335 5	Water: Service, Lot 23 on Galeros Dr.	4	Below Grade	09/19/2025	P4	9.3	119.2	96	95	-2 / 2	DPMP		RF
975 /335 6	Water: Service, Lot 104 on Galeros Dr.	4	Below Grade	09/19/2025	P4	8.9	120.5	97	95	-2 / 2	DPMP		RF
976 /335 7	Water: Service, Lot 22 on Galeros Dr.	4	Below Grade	09/19/2025	P4	8.3	119.8	96	95	-2 / 2	DPMP		RF
977 /335 8	Water: Service, Lot 105 on Galeros Dr.	4	Below Grade	09/19/2025	P4	8.9	120.0	96	95	-2 / 2	DPMP		RF
978 /335 9	Water: Service, Lot 21 on Galeros Dr.	4	Below Grade	09/19/2025	P4	9.4	119.6	96	95	-2 / 2	DPMP		RF
979 /336 0	Water: Service, Lot 106 on Galeros Dr.	4	Below Grade	09/19/2025	P4	9.2	120.3	97	95	-2 / 2	DPMP		RF
980 /336 1	Water: Service, Lot 20 on Galeros Dr.	4	Below Grade	09/19/2025	P4	9.3	119.6	96	95	-2 / 2	DPMP		RF
981 /336 2	Water: Service, Lot 107 on Galeros Dr.	4	Below Grade	09/19/2025	P4	9.5	118.3	95	95	-2 / 2	DPMP		RF
982 /336 3	Water: Service, Lot 36 on Horn Hill Dr.	2	Below Grade	09/19/2025	P4	8.7	118.6	95	95	-2 / 2	DPMP		RF



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Soil Density Report

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
983 /336 4	Water: Service, Lot 35 on Horn Hill Dr.	2	Below Grade	09/19/2025	P4	8.3	119.4	96	95	-2 / 2	DPMP		RF
984 /336 5	Water: Service, Lot 34 on Horn Hill Dr.	2	Below Grade	09/19/2025	P4	8.1	120.3	97	95	-2 / 2	DPMP		RF
985 /336 6	Water: Service, Lot 31 on Horn Hill Dr.	2	Below Grade	09/19/2025	P4	8.9	120.0	96	95	-2 / 2	DPMP		RF
986 /336 7	Water: Service, Lot 30 on Horn Hill Dr.	2	Below Grade	09/19/2025	P4	9.2	120.7	97	95	-2 / 2	DPMP		RF
987 /336 8	Water: Service, Lot 29 on Horn Hill Dr.	2	Below Grade	09/19/2025	P4	8.8	120.7	97	95	-2 / 2	DPMP		RF
988 /336 9	Water: Service, Lot 28 on Horn Hill Dr.	2	Below Grade	09/19/2025	P4	8.5	119.8	96	95	-2 / 2	DPMP		RF
989 /337 0	Water: Service, Lot 27 on Horn Hill Dr.	2	Below Grade	09/19/2025	P4	8.8	119.8	96	95	-2 / 2	DPMP		RF
990 /337 1	Water: Service, Lot 26 on Horn Hill Dr.	2	Below Grade	09/19/2025	P4	8.7	120.2	96	95	-2 / 2	DPMP		RF
991 /337 2	Water: Service, Lot 103 on Galeros Dr.	2	Below Grade	09/19/2025	P4	9.1	119.8	96	95	-2 / 2	DPMP		RF
992 /337 3	Water: Service, Lot 25 on Galeros Dr.	4	Below Grade	09/19/2025	P4	8.5	119.7	96	95	-2 / 2	DPMP		RF
993 /337 4	Water: Service, Lot 24 on Galeros Dr.	4	Below Grade	09/19/2025	P4	8.1	117.9	95	95	-2 / 2	DPMP		RF
994 /337 5	Water: Service, Lot 104 on Galeros Dr.	2	Below Grade	09/19/2025	P4	8.6	119.4	96	95	-2 / 2	DPMP		RF
995 /337 6	Water: Service, Lot 23 on Galeros Dr.	2	Below Grade	09/19/2025	P4	8.4	119.8	96	95	-2 / 2	DPMP		RF
996 /337 7	Water: Service, Lot 22 on Galeros Dr.	2	Below Grade	09/19/2025	P4	8.7	120.4	97	95	-2 / 2	DPMP		RF
997 /337 8	Water: Service, Lot 105 on Galeros Dr.	2	Below Grade	09/19/2025	P4	9.2	119.3	96	95	-2 / 2	DPMP		RF



Entech Engineering
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Colorado Springs, CO 80907
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Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
998 / 337 9	Water: Service, Lot 106 on Galeros Dr.	2	Below Grade	09/19/2025	P4	8.5	119.2	96	95	-2 / 2	DPMP		RF
999 / 338 0	Water: Service, Lot 21 on Galeros Dr.	2	Below Grade	09/19/2025	P4	8.9	119.1	96	95	-2 / 2	DPMP		RF
100 / 338 0 1	Water: Service, Lot 20 on Galeros Dr.	2	Below Grade	09/19/2025	P4	8.3	119.6	96	95	-2 / 2	DPMP		RF
100 / 338 1 2	Water: Service, Lot 107 on Galeros Dr.	2	Below Grade	09/19/2025	P4	7.8	119.4	96	95	-2 / 2	DPMP		RF
100 / 338 2 3	Water: Service, Lot 19 on Galeros Dr.	4	Below Grade	09/19/2025	P4	8.4	119.7	96	95	-2 / 2	DPMP		RF
100 / 338 3 4	Water: Service, Lot 108 on Galeros Dr.	4	Below Grade	09/19/2025	P4	9.1	120.4	97	95	-2 / 2	DPMP		RF
100 / 338 4 5	Water: Service, Lot 109 on Galeros Dr.	4	Below Grade	09/19/2025	P4	8.7	119.3	96	95	-2 / 2	DPMP		RF
100 / 338 5 6	Water: Service, Lot 18 on Galeros Dr.	4	Below Grade	09/19/2025	P4	8.9	120.2	96	95	-2 / 2	DPMP		RF
100 / 338 6 7	Water: Service, Lot 32 on Horn Hill Dr.	2	Below Grade	09/19/2025	P4	8.3	120.2	96	95	-2 / 2	DPMP		RF
100 / 338 7 8	Water: Service, Lot 108 on Galeros Dr.	2	Below Grade	09/19/2025	P4	8.8	120.3	97	95	-2 / 2	DPMP		RF
100 / 338 8 9	Water: Service, Lot 19 on Galeros Dr.	2	Below Grade	09/19/2025	P4	8.9	119.9	96	95	-2 / 2	DPMP		RF
100 / 339 9 0	Water: Service, Lot 18 on Galeros Dr.	2	Below Grade	09/19/2025	P4	8.5	121.6	98	95	-2 / 2	DPMP		RF
101 / 339 0 1	Water: Service, Lot 109 on Galeros Dr.	2	Below Grade	09/19/2025	P4	8.9	120.6	97	95	-2 / 2	DPMP		RF
101 / 339 1 2	Water: Service, Lot 96 on Tapeats Dr.	2	Below Grade	09/19/2025	P5	11.1	114.4	95	95	-2 / 2	DPMP		RF



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Soil Density Report

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
101 /339 2 3	Water: Service, Lot 97 on Tapeats Dr.	2	Below Grade	09/19/2025	P5	11.6	115.8	96	95	-2 / 2	DPMP		RF
101 /339 4 5	Water: Service, Lot 82 on Bright Angel Dr.	-	At Grade	09/22/2025	P4	7.5	123.1	99	95	-2 / 2	DPMP		RF
101 /339 5 6	Water: Service, Lot 83 on Bright Angel Dr.	-	At Grade	09/22/2025	P4	7.4	120.9	97	95	-2 / 2	DPMP		RF
101 /339 6 7	Water: Service, Lot 84 on Bright Angel Dr.	-	At Grade	09/22/2025	P4	7.6	120.2	96	95	-2 / 2	DPMP		RF
101 /339 7 8	Water: Service, Lot 85 on Bright Angel Dr.	-	At Grade	09/22/2025	P7	12.8	109.2	98	95	-1 / 3	DPMP		RF
101 /339 8 9	Water: Service, Lot 86 on Bright Angel Dr.	-	At Grade	09/22/2025	P7	13.0	109.6	98	95	-1 / 3	DPMP		RF
101 /340 9 0	Water: Service, Lot 87 on Bright Angel Dr.	-	At Grade	09/22/2025	P7	12.9	110.7	99	95	-1 / 3	DPMP		RF
102 /340 0 1	Water: Service, Lot 88 on Bright Angel Dr.	-	At Grade	09/22/2025	P4	10.1	121.3	97	95	-2 / 2	DPMP		RF
102 /340 1 2	Water: Service, Lot 76 on Bright Angel Dr.	-	At Grade	09/22/2025	P7	13.2	108.9	97	95	-1 / 3	DPMP		RF
102 /340 2 3	Water: Service, Lot 77 on Bright Angel Dr.	-	At Grade	09/22/2025	P7	12.8	109.9	98	95	-1 / 3	DPMP		RF
102 /340 3 4	Water: Service, Lot 78 on Bright Angel Dr.	-	At Grade	09/22/2025	P7	13.1	109.7	98	95	-1 / 3	DPMP		RF
102 /340 4 5	Water: Service, Lot 79 on Bright Angel Dr.	-	At Grade	09/22/2025	P4	7.9	120.1	96	95	-2 / 2	DPMP		RF
102 /340 5 6	Water: Service, Lot 80 on Bright Angel Dr.	-	At Grade	09/22/2025	P4	8.1	119.4	96	95	-2 / 2	DPMP		RF
102 /340 6 7	Water: Service, Lot 81 on Bright Angel Dr.	-	At Grade	09/22/2025	P4	7.0	122.3	98	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
102 /340 7 8	Water: Service, Lot 1 on Sunrise Ridge Dr.	4	Below Grade	09/22/2025	P4	7.9	120.3	97	95	-2 / 2	DPMP		RF
102 /340 8 9	Water: Service, Lot 2 on Sunrise Ridge Dr.	4	Below Grade	09/22/2025	P4	7.9	120.2	96	95	-2 / 2	DPMP		RF
102 /341 9 0	Water: Service, Lot 1 on Sunrise Ridge Dr.	2	Below Grade	09/22/2025	P4	7.7	119.9	96	95	-2 / 2	DPMP		RF
103 /341 0 1	Water: Service, Lot 2 on Sunrise Ridge Dr.	2	Below Grade	09/22/2025	P4	7.2	120.2	96	95	-2 / 2	DPMP		RF
103 /341 1 2	Water: Service, Lot 1 on Sunrise Ridge Dr.	-	At Grade	09/22/2025	P4	7.8	120.6	97	95	-2 / 2	DPMP		RF
103 /341 2 3	Water: Service, Lot 2 on Sunrise Ridge Dr.	-	At Grade	09/22/2025	P4	7.7	120.1	96	95	-2 / 2	DPMP		RF

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 - B	SC	8.2	124.7
P5	ASTM D1557 - A	SM	11.3	120.5
P7	ASTM D698 - A	CL	13.7	111.8

09/30/2025

Reviewed by: Joey Goode, PE



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250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
107 / 322 0	Roadway Subgrade: CTS, STA 10 + 50 on House Rock Dr., 8' west of east curb in the northbound lane.	-	At Grade	09/17/2025	P8 (CTS)	8.8	123.3	97	95	-2 / 2	DPMP		RF
108 / 322 1	Roadway Subgrade: CTS, STA 12 + 50 on House Rock Dr., 11' west of east curb in the northbound lane.	-	At Grade	09/17/2025	P8 (CTS)	9.0	121.7	96	95	-2 / 2	DPMP		RF
109 / 322 2	Roadway Subgrade: CTS, STA 14 + 50 on House Rock Dr., 8' west of east curb in the northbound lane.	-	At Grade	09/17/2025	P8 (CTS)	8.8	122.2	96	95	-2 / 2	DPMP		RF
110 / 322 3	Roadway Subgrade: CTS, STA 15 + 50 on House Rock Dr., 5' east of west curb in the southbound lane.	-	At Grade	09/17/2025	P8 (CTS)	8.6	122.3	96	95	-2 / 2	DPMP		RF
111 / 322 4	Roadway Subgrade: CTS, STA 13 + 50 on House Rock Dr., 10' east of west curb in the southbound lane.	-	At Grade	09/17/2025	P8 (CTS)	8.8	121.7	96	95	-2 / 2	DPMP		RF
112 / 322 5	Roadway Subgrade: CTS, STA 11 + 50 on House Rock Dr., 13' east of west curb in the southbound lane.	-	At Grade	09/17/2025	P8 (CTS)	8.5	122.6	96	95	-2 / 2	DPMP		RF
113 / 323 2	Roadway Subgrade: STA 27 + 00 on Shelter Creek Dr., northbound lane.	-	At Grade	09/17/2025	P1	9.0	124.4	98	95	-2 / 2	DPMP		RR
114 / 323 3	Roadway Subgrade: STA 29 + 00 on Shelter Creek Dr., southbound lane.	-	At Grade	09/17/2025	P2	8.4	118.1	98	95	-2 / 2	DPMP		RR
115 / 323 6	Roadway Subgrade: STA 31 + 00 on Shelter Creek Dr., northbound lane.	-	At Grade	09/17/2025	P3	8.6	123.9	99	95	-2 / 2	DPMP		RR
116 / 323 7	Roadway Subgrade: STA 33 + 00 on Shelter Creek Dr., southbound lane.	-	At Grade	09/17/2025	P3	8.8	123.7	98	95	-2 / 2	DPMP		RR
117 / 323 9	Roadway Subgrade: STA 35 + 00 on Shelter Creek Dr., northbound lane.	-	At Grade	09/17/2025	P3	8.1	124.9	99	95	-2 / 2	DPMP		RR
118 / 326 5	Roadway Subgrade: CTS, STA 65 + 50 on Sunrise Ridge Dr., 10' north of south curb in the eastbound lane.	-	At Grade	09/17/2025	P8 (CTS)	8.5	123.2	97	95	-2 / 2	DPMP		RF



Entech Engineering
505 Elkton Dr.
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Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
119 /326 6	Roadway Subgrade: CTS, STA 67 + 50 on Sunrise Ridge Dr., 7' north of south curb in the eastbound lane.	-	At Grade	09/17/2025	P8 (CTS)	8.8	124.0	97	95	-2 / 2	DPMP		RF
120 /326 7	Roadway Subgrade: CTS, STA 68 + 50 on Sunrise Ridge Dr., 13' south of north curb in the westbound lane.	-	At Grade	09/17/2025	P8 (CTS)	9.0	122.3	96	95	-2 / 2	DPMP		RF
121 /326 8	Roadway Subgrade: CTS, STA 66 + 50 on Sunrise Ridge Dr., 10' south of north curb in the westbound lane.	-	At Grade	09/17/2025	P8 (CTS)	8.9	122.9	96	95	-2 / 2	DPMP		RF
122 /326 9	Roadway Subgrade: CTS, STA 11 + 25 on Cardenas Dr., 10' west of east curb in the northbound lane.	-	At Grade	09/17/2025	P8 (CTS)	8.9	123.2	97	95	-2 / 2	DPMP		RF
123 /327 0	Roadway Subgrade: CTS, STA 10 + 50 on Cardenas Dr., 4' east of west curb in the southbound lane.	-	At Grade	09/17/2025	P8 (CTS)	8.1	123.1	97	95	-2 / 2	DPMP		RF
124 /327 1	Roadway Subgrade: CTS, STA 69 + 50 on Sunrise Ridge Dr., 11' north of south curb in the eastbound lane.	-	At Grade	09/17/2025	P8 (CTS)	8.7	123.9	97	95	-2 / 2	DPMP		RF
125 /327 2	Roadway Subgrade: CTS, STA 71 + 50 on Sunrise Ridge Dr., 13' north of south curb in the eastbound lane.	-	At Grade	09/17/2025	P8 (CTS)	8.9	122.2	96	95	-2 / 2	DPMP		RF
126 /327 3	Roadway Subgrade: CTS, STA 73 + 50 on Sunrise Ridge Dr., 5' north of south curb in the eastbound lane.	-	At Grade	09/17/2025	P8 (CTS)	8.8	121.9	96	95	-2 / 2	DPMP		RF
127 /327 4	Roadway Subgrade: CTS, STA 75 + 50 on Sunrise Ridge Dr., 12' north of south curb in the eastbound lane.	-	At Grade	09/17/2025	P8 (CTS)	9.0	123.4	97	95	-2 / 2	DPMP		RF
128 /327 5	Roadway Subgrade: CTS, STA 76 + 50 on Sunrise Ridge Dr., 10' south of north curb in the westbound lane.	-	At Grade	09/17/2025	P8 (CTS)	8.9	123.3	97	95	-2 / 2	DPMP		RF
129 /327 6	Roadway Subgrade: CTS, STA 74 + 50 on Sunrise Ridge Dr., 5' south of north curb in the westbound lane.	-	At Grade	09/17/2025	P8 (CTS)	8.9	122.4	96	95	-2 / 2	DPMP		RF
130 /327 7	Roadway Subgrade: CTS, STA 72 + 50 on Sunrise Ridge Dr., 12' south of north curb in the westbound lane.	-	At Grade	09/17/2025	P8 (CTS)	8.7	121.7	96	95	-2 / 2	DPMP		RF



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250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
131 /327 8	Roadway Subgrade: CTS, STA 70 + 50 on Sunrise Ridge Dr., 15' south of north curb in the westbound lane.	-	At Grade	09/17/2025	P8 (CTS)	8.9	122.4	96	95	-2 / 2	DPMP		RF
132 /330 1	Roadway Subgrade: CTS, STA 77 + 50 on Sunrise Ridge Dr., 11' north of south curb in the eastbound lane.	-	At Grade	09/18/2025	P8 (CTS)	9.1	123.6	97	95	-2 / 2	DPMP		RF
133 /330 2	Roadway Subgrade: CTS, STA 78 + 50 on Sunrise Ridge Dr., 6' south of north curb in the westbound lane.	-	At Grade	09/18/2025	P8 (CTS)	8.9	121.9	96	95	-2 / 2	DPMP		RF
134 /330 3	Roadway Subgrade: CTS, STA 34 + 50 on Shelter Creek Dr., 11' west of east curb in the northbound lane.	-	At Grade	09/18/2025	P8 (CTS)	8.7	123.8	97	95	-2 / 2	DPMP		RF
135 /332 1	Roadway Subgrade: CTS, STA 28 + 50 on Shelter Creek Dr., 8' west of east curb in the northbound lane.	-	At Grade	09/18/2025	P8 (CTS)	9.0	122.5	96	95	-2 / 2	DPMP		RF
136 /332 2	Roadway Subgrade: CTS, STA 30 + 50 on Shelter Creek Dr., 13' west of east curb in the northbound lane.	-	At Grade	09/18/2025	P8 (CTS)	8.9	122.2	96	95	-2 / 2	DPMP		RF
137 /332 3	Roadway Subgrade: CTS, STA 32 + 50 on Shelter Creek Dr., 5' west of east curb in the northbound lane.	-	At Grade	09/18/2025	P8 (CTS)	9.1	122.5	96	95	-2 / 2	DPMP		RF
138 /332 4	Roadway Subgrade: CTS, STA 33 + 50 on Shelter Creek Dr., 10' east of west curb in the southbound lane.	-	At Grade	09/18/2025	P8 (CTS)	8.9	122.7	96	95	-2 / 2	DPMP		RF
139 /332 5	Roadway Subgrade: CTS, STA 31 + 50 on Shelter Creek Dr., 7' east of west curb in the southbound lane.	-	At Grade	09/18/2025	P8 (CTS)	8.8	123.1	97	95	-2 / 2	DPMP		RF
140 /332 6	Roadway Subgrade: CTS, STA 29 + 50 on Shelter Creek Dr., 14' east of west curb in the southbound lane.	-	At Grade	09/18/2025	P8 (CTS)	8.7	123.6	97	95	-2 / 2	DPMP		RF
141 /332 7	Roadway Subgrade: CTS, STA 23 + 00 on House Rock Dr., 15' south of north curb in the westbound lane.	-	At Grade	09/18/2025	P8 (CTS)	9.0	122.8	96	95	-2 / 2	DPMP		RF
142 /332 8	Roadway Subgrade: CTS, STA 21 + 00 on House Rock Dr., 6' south of north curb in the westbound lane.	-	At Grade	09/18/2025	P8 (CTS)	8.9	122.7	96	95	-2 / 2	DPMP		RF



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Rolling Hills Ranch North F1
Peyton, 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
143 /3329	Roadway Subgrade: CTS, STA 19 + 00 on House Rock Dr., 11' south of north curb in the westbound lane.	-	At Grade	09/18/2025	P8 (CTS)	8.7	123.2	97	95	-2 / 2	DPMP		RF
144 /3330	Roadway Subgrade: CTS, STA 17 + 00 on House Rock Dr., 5' south of north curb in the westbound lane.	-	At Grade	09/18/2025	P8 (CTS)	8.9	122.8	96	95	-2 / 2	DPMP		RF
145 /3331	Roadway Subgrade: CTS, STA 16 + 00 on House Rock Dr., 15' north of south curb in the eastbound lane.	-	At Grade	09/18/2025	P8 (CTS)	8.4	123.8	97	95	-2 / 2	DPMP		RF
146 /3332	Roadway Subgrade: CTS, STA 18 + 00 on House Rock Dr., 10' north of south curb in the eastbound lane.	-	At Grade	09/18/2025	P8 (CTS)	9.1	125.0	98	95	-2 / 2	DPMP		RF
147 /3333	Roadway Subgrade: CTS, STA 20 + 00 on House Rock Dr., 11' north of south curb in the eastbound lane.	-	At Grade	09/18/2025	P8 (CTS)	8.9	122.4	96	95	-2 / 2	DPMP		RF
148 /3334	Roadway Subgrade: CTS, STA 22 + 00 on House Rock Dr., 4' north of south curb in the eastbound lane.	-	At Grade	09/18/2025	P8 (CTS)	8.9	122.9	96	95	-2 / 2	DPMP		RF
149 /3335	Roadway Subgrade: CTS, STA 24 + 00 on House Rock Dr., 14' north of south curb in the eastbound lane.	-	At Grade	09/18/2025	P8 (CTS)	8.7	120.9	95	95	-2 / 2	DPMP		RF

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)
P8 (CTS)		SC	7.1	127.5
P1	ASTM D1557 - B	SC	8.5	127.5
P2	ASTM D1557 - A	ML	10.1	120.1
P3	ASTM D1557 - B	SW	7.5	125.8



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A handwritten signature in blue ink, appearing to read "Joey Goode".

09/30/2025

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
91 ₃₄₁ 4	Curb & Gutter: STA 66 + 20, 2' south of Inlet 8 on Sunrise Ridge Dr.	-	At Grade	09/22/2025	P4	8.9	119.4	96	95	-2 / 2	DPMP		RF
92 ₃₄₁ 5	Curb & Gutter: STA 66 + 20, 2' north of Inlet 9 on Sunrise Ridge Dr.	-	At Grade	09/22/2025	P4	8.5	119.2	96	95	-2 / 2	DPMP		RF
93 ₃₄₁ 6	Curb & Gutter: STA 10 + 48, 2' west of Inlet 7 on Cardenas Dr.	-	At Grade	09/22/2025	P3	8.1	120.1	96	95	-2 / 2	DPMP		RF
109 ₃₄₁ 7	Storm Water: Main, STA 61 + 00 on Sunrise Ridge Dr.	2	Below Grade	09/23/2025	P3	7.7	119.5	95	95	-2 / 2	DPMP		RF
110 ₃₄₁ 8	Storm Water: Main, STA 23 + 00 on Horn Hill Dr.	2	Below Grade	09/23/2025	P4	9.8	119.7	96	95	-2 / 2	DPMP		RF
103 ₃₄₁ 3 9	Water: Service, Lot 65 on Galeros Dr.	4	Below Grade	09/23/2025	P6	8.2	121.6	96	95	-2 / 2	DPMP		RF
103 ₃₄₂ 4 0	Water: Service, Lot 64 on Galeros Dr.	4	Below Grade	09/23/2025	P6	8.6	121.7	96	95	-2 / 2	DPMP		RF
103 ₃₄₂ 5 1	Water: Service, Lot 63 on Galeros Dr.	4	Below Grade	09/23/2025	P6	8.8	121.9	96	95	-2 / 2	DPMP		RF
103 ₃₄₂ 6 2	Water: Service, Lot 65 on Galeros Dr.	2	Below Grade	09/23/2025	P6	8.5	120.5	95	95	-2 / 2	DPMP		RF
103 ₃₄₂ 7 3	Water: Service, Lot 64 on Galeros Dr.	2	Below Grade	09/23/2025	P6	9.1	121.1	96	95	-2 / 2	DPMP		RF
103 ₃₄₂ 8 4	Water: Service, Lot 63 on Galeros Dr.	2	Below Grade	09/23/2025	P6	9.5	120.2	95	95	-2 / 2	DPMP		RF
22 ₃₄₂ 5	Electric/Gas: STA 26 + 49 on Shelter Creek Dr.	-	At Grade	09/23/2025	P3	8.2	120.4	96	95	-2 / 2	DPMP		RF
111 ₃₄₂ 6	Storm Water: Main, STA 61 + 00 on Sunrise Ridge Dr.	-	At Grade	09/23/2025	P3	8.4	120.3	96	95	-2 / 2	DPMP		RF
112 ₃₄₂ 7	Storm Water: Main, STA 63 + 00 on Sunrise Ridge Dr.	-	At Grade	09/23/2025	P4	7.9	121.2	97	95	-2 / 2	DPMP		RF



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250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
113 /342 8	Storm Water: Main, STA 22 + 00 on Horn Hill Dr.	2	Below Grade	09/23/2025	P4	8.6	119.1	96	95	-2 / 2	DPMP		RF
103 /342 9 9	Water: Service, Lot 95 on Tapeats Dr.	-	At Grade	09/24/2025	P5	11.7	115.4	96	95	-2 / 2	DPMP		RF
104 /343 0 0	Water: Service, Lot 94 on Tapeats Dr.	-	At Grade	09/24/2025	P5	10.8	114.2	95	95	-2 / 2	DPMP		RF
104 /343 1 1	Water: Service, Lot 93 on Tapeats Dr.	-	At Grade	09/24/2025	P5	11.1	115.1	96	95	-2 / 2	DPMP		RF
104 /343 2 2	Water: Service, Lot 92 on Tapeats Dr.	-	At Grade	09/24/2025	P5	10.7	115.4	96	95	-2 / 2	DPMP		RF
104 /343 3 3	Water: Service, Lot 91 on Tapeats Dr.	-	At Grade	09/24/2025	P5	11.5	115.6	96	95	-2 / 2	DPMP		RF
104 /343 4 4	Water: Service, Lot 90 on Tapeats Dr.	-	At Grade	09/24/2025	P5	11.7	116.1	96	95	-2 / 2	DPMP		RF
104 /343 5 5	Water: Service, Lot 89 on Tapeats Dr.	-	At Grade	09/24/2025	P5	11.3	116.6	97	95	-2 / 2	DPMP		RF
114 /343 6	Storm Water: Main, STA 22 + 00 on Horn Hill Dr.	-	At Grade	09/24/2025	P4	8.3	120.2	96	95	-2 / 2	DPMP		RF
115 /343 7	Storm Water: Main, STA 23 + 00 on Horn Hill Dr.	-	At Grade	09/24/2025	P4	7.8	121.2	97	95	-2 / 2	DPMP		RF
104 /343 6 8	Water: Service, Lot 102 on Tapeats Dr.	-	At Grade	09/24/2025	P5	11.6	116.1	96	95	-2 / 2	DPMP		RF
104 /343 7 9	Water: Service, Lot 101 on Tapeats Dr.	-	At Grade	09/24/2025	P5	11.1	115.7	96	95	-2 / 2	DPMP		RF
104 /344 8 0	Water: Service, Lot 100 on Tapeats Dr.	-	At Grade	09/24/2025	P5	10.8	116.0	96	95	-2 / 2	DPMP		RF
104 /344 9 1	Water: Service, Lot 99 on Tapeats Dr.	-	At Grade	09/24/2025	P5	11.3	115.4	96	95	-2 / 2	DPMP		RF



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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
105 /344 0 2	Water: Service, Lot 98 on Tapeats Dr.	-	At Grade	09/24/2025	P5	10.9	116.2	96	95	-2 / 2	DPMP		RF
105 /344 1 3	Water: Service, Lot 97 on Tapeats Dr.	-	At Grade	09/24/2025	P5	11.3	115.1	96	95	-2 / 2	DPMP		RF
105 /344 2 4	Water: Service, Lot 96 on Tapeats Dr.	-	At Grade	09/24/2025	P5	11.4	115.8	96	95	-2 / 2	DPMP		RF
94 /344 5	Curb & Gutter: STA 78 + 60, 2' south of Inlet 11 on Sunrise Ridge Dr.	-	At Grade	09/24/2025	P2	9.1	115.1	96	95	-2 / 2	DPMP		RF
95 /344 6	Curb & Gutter: STA 78 + 80, 2' north of future south curb on Sunrise Ridge Dr.	-	At Grade	09/24/2025	P2	9.4	114.8	96	95	-2 / 2	DPMP		RF
116 /344 7	Storm Water: Main, STA 59 + 00 on Sunrise Ridge Dr.	2	Below Grade	09/24/2025	P3	7.8	120.8	96	95	-2 / 2	DPMP		RF
105 /344 3 8	Water: Service, Lot 41 on Horn Hill Dr.	-	At Grade	09/24/2025	P4	8.4	120.7	97	95	-2 / 2	DPMP		RF
105 /344 4 9	Water: Service, Lot 40 on Horn Hill Dr.	-	At Grade	09/24/2025	P4	8.1	120.0	96	95	-2 / 2	DPMP		RF
105 /345 5 0	Water: Service, Lot 39 on Horn Hill Dr.	-	At Grade	09/24/2025	P4	8.8	119.7	96	95	-2 / 2	DPMP		RF
105 /345 6 1	Water: Service, Lot 38 on Horn Hill Dr.	-	At Grade	09/24/2025	P4	7.8	120.6	97	95	-2 / 2	DPMP		RF
105 /345 7 2	Water: Service, Lot 37 on Horn Hill Dr.	-	At Grade	09/24/2025	P4	8.1	121.1	97	95	-2 / 2	DPMP		RF
105 /345 8 3	Water: Service, Lot 36 on Horn Hill Dr.	-	At Grade	09/24/2025	P4	8.7	118.6	95	95	-2 / 2	DPMP		RF
105 /345 9 4	Water: Service, Lot 35 on Horn Hill Dr.	-	At Grade	09/24/2025	P4	8.6	119.3	96	95	-2 / 2	DPMP		RF
106 /345 0 5	Water: Service, Lot 34 on Horn Hill Dr.	-	At Grade	09/24/2025	P4	7.9	120.1	96	95	-2 / 2	DPMP		RF



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106 /345 1 6	Water: Service, Lot 33 on Horn Hill Dr.	-	At Grade	09/24/2025	P4	8.1	119.4	96	95	-2 / 2	DPMP		RF
106 /345 2 7	Water: Service, Lot 32 on Horn Hill Dr.	-	At Grade	09/24/2025	P4	8.6	120.2	96	95	-2 / 2	DPMP		RF
106 /345 3 8	Water: Service, Lot 31 on Horn Hill Dr.	-	At Grade	09/24/2025	P4	8.1	122.5	98	95	-2 / 2	DPMP		RF
106 /345 4 9	Water: Service, Lot 30 on Horn Hill Dr.	-	At Grade	09/24/2025	P4	8.6	120.2	96	95	-2 / 2	DPMP		RF
117 /346 0	Storm Water: Main, STA 59 + 00 on Sunrise Ridge Dr.	-	At Grade	09/24/2025	P3	8.0	120.9	96	95	-2 / 2	DPMP		RF
106 /346 5 1	Water: Service, Lot 25 on Galeros Dr.	-	At Grade	09/24/2025	P4	8.7	120.8	97	95	-2 / 2	DPMP		RF
106 /346 6 2	Water: Service, Lot 24 on Galeros Dr.	-	At Grade	09/24/2025	P4	8.6	121.2	97	95	-2 / 2	DPMP		RF
96 /346 3	Curb & Gutter: STA 19 + 75, 2' north of future south curb on Crystal Falls Dr.	-	At Grade	09/25/2025	P3	7.9	120.7	96	95	-2 / 2	DPMP		RF
97 /346 4	Curb & Gutter: STA 31 + 12, 2' west of future east curb on Shelter Creek Dr.	-	At Grade	09/25/2025	P3	8.6	120.9	96	95	-2 / 2	DPMP		RF
98 /346 5	Curb & Gutter: STA 19 + 88, 2' south of future north curb on Crystal Falls Dr.	-	At Grade	09/25/2025	P3	8.7	120.8	96	95	-2 / 2	DPMP		RF
106 /346 7 6	Water: Service, Lot 63 on Galeros Dr.	-	At Grade	09/25/2025	P6	7.9	121.5	96	95	-2 / 2	DPMP		RF
106 /346 8 7	Water: Service, Lot 64 on Galeros Dr.	-	At Grade	09/25/2025	P6	7.9	121.3	96	95	-2 / 2	DPMP		RF
106 /346 9 8	Water: Service, Lot 65 on Galeros Dr.	-	At Grade	09/25/2025	P6	8.5	120.2	95	95	-2 / 2	DPMP		RF
107 /346 0 9	Water: Service, Lot 109 on Galeros Dr.	-	At Grade	09/25/2025	P4	7.9	119.4	96	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
107 /347 1 0	Water: Service, Lot 108 on Galeros Dr.	-	At Grade	09/25/2025	P4	7.9	119.7	96	95	-2 / 2	DPMP		RF
107 /347 2 1	Water: Service, Lot 107 on Galeros Dr.	-	At Grade	09/25/2025	P4	8.3	120.4	97	95	-2 / 2	DPMP		RF
107 /347 3 2	Water: Service, Lot 106 on Galeros Dr.	-	At Grade	09/25/2025	P4	8.6	119.2	96	95	-2 / 2	DPMP		RF
107 /347 4 3	Water: Service, Lot 105 on Galeros Dr.	-	At Grade	09/25/2025	P4	7.7	120.4	97	95	-2 / 2	DPMP		RF
107 /347 5 4	Water: Service, Lot 104 on Galeros Dr.	-	At Grade	09/25/2025	P4	7.4	121.2	97	95	-2 / 2	DPMP		RF
107 /347 6 5	Water: Service, Lot 103 on Galeros Dr.	-	At Grade	09/25/2025	P4	8.2	120.5	97	95	-2 / 2	DPMP		RF
107 /347 7 6	Water: Service, Lot 23 on Galeros Dr.	-	At Grade	09/25/2025	P4	8.0	119.1	96	95	-2 / 2	DPMP		RF
107 /347 8 7	Water: Service, Lot 22 on Galeros Dr.	-	At Grade	09/25/2025	P4	8.3	119.6	96	95	-2 / 2	DPMP		RF
107 /347 9 8	Water: Service, Lot 21 on Galeros Dr.	-	At Grade	09/25/2025	P4	8.1	120.3	97	95	-2 / 2	DPMP		RF
108 /347 0 9	Water: Service, Lot 20 on Galeros Dr.	-	At Grade	09/25/2025	P4	7.8	119.7	96	95	-2 / 2	DPMP		RF
108 /348 1 0	Water: Service, Lot 19 on Galeros Dr.	-	At Grade	09/25/2025	P4	7.9	119.8	96	95	-2 / 2	DPMP		RF
99 /348 1	Curb & Gutter: Crossspan, STA 10 + 15, 25' north of south curb on Crystal Falls Dr.	-	At Grade	09/25/2025	P1	6.6	125.3	98	95	-2 / 2	DPMP		RF
100 /348 2	Curb & Gutter: STA 19 + 60, 2' south of Inlet 12 on Crystal Falls Dr.	-	At Grade	09/25/2025	P3	8.9	120.8	96	95	-2 / 2	DPMP		RF
118 /348 3	Storm Water: Manhole J22, STA 24 + 42 on Horn Hill Dr.	4	At Grade	09/25/2025	P4	9.2	119.7	96	95	-2 / 2	DPMP		RF



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Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
101 /348 4	Curb & Gutter: STA 26 + 50, 3' west of future east curb on Shelter Creek Dr.	-	At Grade	09/25/2025	P3	6.9	122.0	97	95	-2 / 2	DPMP		RF
102 /348 5	Curb & Gutter: STA 27 + 00, 3' east of future west curb on Shelter Creek Dr.	-	At Grade	09/25/2025	P1	7.6	121.8	96	95	-2 / 2	DPMP		RF
119 /348 6	Storm Water: Main, STA 16 + 50 on Bright Angel Dr.	2	Below Grade	09/26/2025	P3	9.2	120.3	96	95	-2 / 2	DPMP		RF
108 /348 2 7	Water: Service, Lot 29 on Horn Hill Dr.	-	At Grade	09/26/2025	P4	7.2	120.1	96	95	-2 / 2	DPMP		RF
108 /348 3 8	Water: Service, Lot 28 on Horn Hill Dr.	-	At Grade	09/26/2025	P4	8.2	119.3	96	95	-2 / 2	DPMP		RF
108 /348 4 9	Water: Service, Lot 27 on Horn Hill Dr.	-	At Grade	09/26/2025	P4	8.4	120.4	97	95	-2 / 2	DPMP		RF
1 /349 0	Sidewalk Subgrade: STA 76 + 62, 10' north of the north curb on Sunrise Ridge Dr.	-	At Grade	09/26/2025	P2	8.6	118.1	98	95	-2 / 2	DPMP		RF

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 - B	SC	8.2	124.7
P3	ASTM D1557 - B	SW	7.5	125.8
P6	ASTM D1557 - A	SM	8.2	126.8
P5	ASTM D1557 - A	SM	11.3	120.5
P2	ASTM D1557 - A	ML	10.1	120.1
P1	ASTM D1557 - B	SC	8.5	127.5

10/01/2025

Reviewed by: Joey Goode, PE



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Rolling Hills Ranch North F1
Peyton, 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
108 /349 5 1	Water: Service, Lot 75 on Bright Angel Dr.	4	Below Grade	09/29/2025	P4	8.8	119.4	96	95	-2 / 2	DPMP		RF
108 /349 6 2	Water: Service, Lot 75 on Bright Angel Dr.	2	Below Grade	09/29/2025	P4	8.3	120.9	97	95	-2 / 2	DPMP		RF
103 /349 3	Curb & Gutter: STA 24 + 16, 2' south of Inlet 13 on House Rock Dr.	-	At Grade	09/29/2025	P1	8.9	120.7	95	95	-2 / 2	DPMP		RF
104 /349 4	Curb & Gutter: STA 24 + 32, 2' north of future south curb on House Rock Dr.	-	At Grade	09/29/2025	P1	8.4	120.6	95	95	-2 / 2	DPMP		RF
120 /349 5	Storm Water: Manhole J22, STA 24 + 42 on Horn Hill Dr.	2	Below Grade	09/30/2025	P4	8.7	118.9	95	95	-2 / 2	DPMP		RF
121 /349 6	Storm Water: Manhole J7A, STA 58 + 25 on Sunrise Ridge Dr.	4	Below Grade	09/30/2025	P3	7.9	119.2	95	95	-2 / 2	DPMP		RF
122 /349 7	Storm Water: Manhole J21, STA 21 + 20 on Horn Hill Dr.	4	Below Grade	09/30/2025	P4	9.8	119.4	96	95	-2 / 2	DPMP		RF
105 /349 8	Curb & Gutter: STA 26 + 30, 2' east of the future west curb on Shelter Creek Dr.	-	At Grade	09/30/2025	P1	9.8	120.5	95	95	-2 / 2	DPMP		RF
106 /349 9	Curb & Gutter: STA 26 + 75, 2' west of the future east curb on Shelter Creek Dr.	-	At Grade	09/30/2025	P3	8.9	120.3	96	95	-2 / 2	DPMP		RF
123 /350 0	Storm Water: Manhole J21, STA 21 + 20 on Horn Hill Dr.	2	Below Grade	09/30/2025	P4	9.8	118.8	95	95	-2 / 2	DPMP		RF
124 /350 1	Storm Water: Inlet 18 (Lot side), STA 15 + 55 on Bright Angel Dr.	4	Below Grade	09/30/2025	P4	9.4	119.3	96	95	-2 / 2	DPMP		RF
125 /350 2	Storm Water: Manhole J6 and Inlet 18 (street side), STA 15 + 55 on Bright Angel Dr.	4	Below Grade	09/30/2025	P4	9.7	119.4	96	95	-2 / 2	DPMP		RF
126 /350 3	Storm Water: Manhole J7A, STA 58 + 25 on Sunrise Ridge Dr.	2	Below Grade	09/30/2025	P3	7.5	120.3	96	95	-2 / 2	DPMP		RF
127 /350 4	Storm Water: Manhole J7B, STA 59 + 92 on Sunrise Ridge Dr.	4	Below Grade	09/30/2025	P3	8.6	120.3	96	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
128 /350 5	Storm Water: Inlet 5 (street side), STA 10 + 55 on Bright Angel Dr.	4	Below Grade	09/30/2025	P4	9.8	119.7	96	95	-2 / 2	DPMP		RF
129 /350 6	Storm Water: Inlet 5 (lot side), STA 10 + 55 on Bright Angel Dr.	4	Below Grade	09/30/2025	P4	8.9	119.6	96	95	-2 / 2	DPMP		RF
130 /350 7	Storm Water: Manhole J7B, STA 59 + 92 on Sunrise Ridge Dr.	2	Below Grade	09/30/2025	P3	8.0	120.9	96	95	-2 / 2	DPMP		RF
131 /350 8	Storm Water: Inlet 18 (Lot side), STA 15 + 55 on Bright Angel Dr.	2	Below Grade	09/30/2025	P4	8.2	119.7	96	95	-2 / 2	DPMP		RF
132 /350 9	Storm Water: Inlet 5 (lot side), STA 10 + 55 on Bright Angel Dr.	2	Below Grade	09/30/2025	P4	8.6	119.9	96	95	-2 / 2	DPMP		RF
133 /351 0	Storm Water: Manhole J21, STA 21 + 20 on Horn Hill Dr.	-	At Grade	09/30/2025	P4	8.8	119.4	96	95	-2 / 2	DPMP		RF
134 /351 1	Storm Water: Manhole J22, STA 24 + 42 on Horn Hill Dr.	-	At Grade	09/30/2025	P4	8.6	120.8	97	95	-2 / 2	DPMP		RF
135 /351 2	Storm Water: Manhole J23, STA 26 + 80 on Horn Hill Dr.	4	Below Grade	09/30/2025	P4	8.6	119.8	96	95	-2 / 2	DPMP		RF
136 /351 3	Storm Water: Inlet 5 (street side), STA 10 + 55 on Bright Angel Dr.	2	Below Grade	10/01/2025	P4	9.6	119.8	96	95	-2 / 2	DPMP		RF
137 /351 4	Storm Water: Inlet 18 (street side) and Manhole 6, STA 15 + 55 on Bright Angel Dr.	2	Below Grade	10/01/2025	P4	8.9	119.1	96	95	-2 / 2	DPMP		RF
138 /351 5	Storm Water: Manhole J7B, STA 59 + 92 on Sunrise Ridge Dr.	-	At Grade	10/01/2025	P3	7.7	120.6	96	95	-2 / 2	DPMP		RF
139 /351 6	Storm Water: Main, STA 16 + 50 on Bright Angel Dr.	-	At Grade	10/01/2025	P3	8.8	120.4	96	95	-2 / 2	DPMP		RF
140 /351 7	Storm Water: Inlet 5 (lot side), STA 10 + 45 on Bright Angel Dr.	-	At Grade	10/01/2025	P4	8.6	121.3	97	95	-2 / 2	DPMP		RF
141 /351 8	Storm Water: Inlet 5 (street side), STA 10 + 45 on Bright Angel Dr.	-	At Grade	10/01/2025	P4	8.9	120.1	96	95	-2 / 2	DPMP		RF
108 /351 7 9	Water: Service, Lot 75 on Bright Angel Dr.	-	At Grade	10/01/2025	P4	8.0	119.9	96	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
142 /352 0	Storm Water: Manhole J7A, STA 58 + 25 on Sunrise Ridge Dr.	-	At Grade	10/01/2025	P3	6.7	120.8	96	95	-2 / 2	DPMP		RF
143 /352 1	Storm Water: Manhole J23, STA 26 + 80 on Horn Hill Dr.	2	Below Grade	10/01/2025	P4	7.8	120.6	97	95	-2 / 2	DPMP		RF
108 /352 8 2	Water: Service, Lot 24 on Galeros Dr.	-	At Grade	10/01/2025	P4	9.6	120.1	96	95	-2 / 2	DPMP		RF
144 /352 3	Storm Water: Manhole J23, STA 26 + 80 on Horn Hill Dr.	-	At Grade	10/03/2025	P4	7.6	120.0	96	95	-2 / 2	DPMP		RF

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 - B	SC	8.2	124.7
P1	ASTM D1557 - B	SC	8.5	127.5
P3	ASTM D1557 - B	SW	7.5	125.8

10/08/2025

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
145 / 352 4	Storm Water: Manhole J26 and Inlet 18 (street side), STA 15 + 55 on Bright Angel Dr.	-	At Grade	10/06/2025	P4	8.8	119.3	96	95	-2 / 2	DPMP		RF
146 / 352 5	Storm Water: Inlet 18 (lot side), STA 15 + 55 on Bright Angel Dr.	-	At Grade	10/06/2025	P4	8.9	119.9	96	95	-2 / 2	DPMP		RF
108 / 352 9 6	Water: Service, Lot 18 on Galeros Dr.	-	At Grade	10/09/2025	P4	6.8	122.6	98	95	-2 / 2	DPMP		RF
109 / 352 0 7	Water: Service, Lot 25 on Galeros Dr.	-	At Grade	10/09/2025	P4	7.8	120.8	97	95	-2 / 2	DPMP		RF
109 / 352 1 8	Water: Service, Lot 26 on Horn Hill Dr.	-	At Grade	10/09/2025	P4	8.1	120.5	97	95	-2 / 2	DPMP		RF
150 / 352 9	Roadway Subgrade: STA 26 + 00, 5' west from the east curb in the northbound lane on Shelter Creek Dr.	-	At Grade	10/09/2025	P3	8.0	120.2	96	95	-2 / 2	DPMP		RF
151 / 353 0	Roadway Subgrade: STA 27 + 50, 12' west from the east curb in the northbound lane on Shelter Creek Dr.	-	At Grade	10/09/2025	P2	8.4	116.4	97	95	-2 / 2	DPMP		RF
152 / 353 1	Roadway Subgrade: STA 24 + 25, 5' south of the north curb in the westbound lane on House Rock Dr.	-	At Grade	10/09/2025	P1	7.8	122.4	96	95	-2 / 2	DPMP		RF
153 / 353 2	Roadway Subgrade: STA 27 + 00, 10' east of the west curb in the southbound lane on Shelter Creek Dr.	-	At Grade	10/09/2025	P1	8.6	123.3	97	95	-2 / 2	DPMP		RF
154 / 353 3	Roadway Subgrade: CTS, STA 26 + 75, 8' east of the west curb in the southbound lane on Shelter Creek Dr.	-	At Grade	10/09/2025	P8 (CTS)	8.9	122.5	96	95	-2 / 2	DPMP		RF
155 / 353 4	Roadway Subgrade: CTS, STA 24 + 20, 11' north of the south curb in the eastbound lane on House Rock Dr.	-	At Grade	10/09/2025	P8 (CTS)	8.7	123.4	97	95	-2 / 2	DPMP		RF
156 / 353 5	Roadway Subgrade: CTS, STA 27 + 25, 10' west of the east curb in the northbound lane on Shelter Creek Dr.	-	At Grade	10/10/2025	P8 (CTS)	9.1	122.5	96	95	-2 / 2	DPMP		RF



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250235
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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
157 /353 6	Roadway Subgrade: CTS, STA 27 + 75, 10' east of the west curb in the southbound lane on Shelter Creek Dr.	-	At Grade	10/10/2025	P8 (CTS)	8.8	122.3	96	95	-2 / 2	DP/MP		RF

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 - B	SC	8.2	124.7
P3	ASTM D1557 - B	SW	7.5	125.8
P2	ASTM D1557 - A	ML	10.1	120.1
P1	ASTM D1557 - B	SC	8.5	127.5
P8 (CTS)		SC	7.1	127.5

10/17/2025

Reviewed by: Joey Goode, PE



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Test Results

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2 / 353 7	Sidewalk Subgrade: STA 10 + 55, 10' west of the west curb on House Rock Dr.	-	At Grade	10/13/2025	P2	9.1	115.3	96	95	-2 / 2	DPMP		RF
3 / 353 8	Sidewalk Subgrade: STA 12 + 55, 8' west of the west curb on House Rock Dr.	-	At Grade	10/13/2025	P2	8.9	116.2	97	95	-2 / 2	DPMP		RF
4 / 353 9	Sidewalk Subgrade: STA 14 + 55, 10' west of the west curb on House Rock Dr.	-	At Grade	10/13/2025	P1	7.8	121.9	96	95	-2 / 2	DPMP		RF
5 / 354 0	Sidewalk Subgrade: STA 16 + 55, 12' south of the south curb on House Rock Dr.	-	At Grade	10/13/2025	P1	6.6	122.5	96	95	-2 / 2	DPMP		RF
6 / 354 1	Sidewalk Subgrade: STA 18 + 55, 10' south of the south curb on House Rock Dr.	-	At Grade	10/13/2025	P1	7.2	122.6	96	95	-2 / 2	DPMP		RF
7 / 354 2	Sidewalk Subgrade: STA 20 + 55, 8' south of the south curb on House Rock Dr.	-	At Grade	10/13/2025	P1	8.0	122.7	96	95	-2 / 2	DPMP		RF
8 / 354 3	Sidewalk Subgrade: STA 22 + 55, 10' south of the south curb on House Rock Dr.	-	At Grade	10/13/2025	P1	6.6	122.4	96	95	-2 / 2	DPMP		RF
9 / 354 4	Sidewalk Subgrade: STA 24 + 00, 10' north of the north curb on House Rock Dr.	-	At Grade	10/13/2025	P1	7.5	121.3	95	95	-2 / 2	DPMP		RF
10 / 354 5	Sidewalk Subgrade: STA 22 + 00, 10' north of the north curb on House Rock Dr.	-	At Grade	10/13/2025	P1	7.3	122.3	96	95	-2 / 2	DPMP		RF
11 / 354 6	Sidewalk Subgrade: STA 20 + 00, 8' north of the north curb on House Rock Dr.	-	At Grade	10/13/2025	P1	6.7	120.8	95	95	-2 / 2	DPMP		RF
12 / 354 7	Sidewalk Subgrade: STA 18 + 00, 11' north of the north curb on House Rock Dr.	-	At Grade	10/13/2025	P1	7.5	122.6	96	95	-2 / 2	DPMP		RF
13 / 354 8	Sidewalk Subgrade: STA 11 + 00, 10' south of the south curb on Crystal Falls Dr.	-	At Grade	10/13/2025	P2	8.4	115.5	96	95	-2 / 2	DPMP		RF
14 / 354 9	Sidewalk Subgrade: STA 13 + 00, 11' south of the south curb on Crystal Falls Dr.	-	At Grade	10/13/2025	P2	8.6	116.5	97	95	-2 / 2	DPMP		RF
15 / 355 0	Sidewalk Subgrade: STA 15 + 00, 12' south of the south curb on Crystal Falls Dr.	-	At Grade	10/13/2025	P2	9.6	116.3	97	95	-2 / 2	DPMP		RF



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16 /355 1	Sidewalk Subgrade: STA 17 + 00, 8' south of the south curb on Crystal Falls Dr.	-	At Grade	10/13/2025	P2	9.7	116.1	97	95	-2 / 2	DPMP		RF
17 /355 2	Sidewalk Subgrade: STA 19 + 00, 10' south of the south curb on Crystal Falls Dr.	-	At Grade	10/13/2025	P2	8.7	115.5	96	95	-2 / 2	DPMP		RF
18 /355 3	Sidewalk Subgrade: STA 30 + 00, 8' west of the west curb on Shelter Creek Dr.	-	At Grade	10/13/2025	P2	8.7	117.0	97	95	-2 / 2	DPMP		RF
19 /355 4	Sidewalk Subgrade: STA 28 + 00, 10' west of the west curb on Shelter Creek Dr.	-	At Grade	10/13/2025	P2	8.8	117.6	98	95	-2 / 2	DPMP		RF
20 /355 5	Sidewalk Subgrade: STA 30 + 00, 10' east of the east curb on Shelter Creek Dr.	-	At Grade	10/13/2025	P2	8.4	116.7	97	95	-2 / 2	DPMP		RF
21 /355 6	Sidewalk Subgrade: STA 32 + 00, 11' east of the east curb on Shelter Creek Dr.	-	At Grade	10/13/2025	P3	9.0	122.3	97	95	-2 / 2	DPMP		RF
22 /355 7	Sidewalk Subgrade: STA 34 + 00, 8' east of the east curb on Shelter Creek Dr.	-	At Grade	10/13/2025	P3	7.9	122.2	97	95	-2 / 2	DPMP		RF
23 /355 8	Sidewalk Subgrade: STA 34 + 50, 10' west of the west curb on Shelter Creek Dr.	-	At Grade	10/13/2025	P3	8.2	121.8	97	95	-2 / 2	DPMP		RF
24 /355 9	Sidewalk Subgrade: STA 32 + 50, 8' west of the west curb on Shelter Creek Dr.	-	At Grade	10/13/2025	P3	7.6	121.1	96	95	-2 / 2	DPMP		RF
25 /356 0	Sidewalk Subgrade: STA 19 + 50, 10' north of the north curb on Crystal Falls Dr.	-	At Grade	10/13/2025	P3	7.3	120.5	96	95	-2 / 2	DPMP		RF
26 /356 1	Sidewalk Subgrade: STA 17 + 50, 12' north of the north curb on Crystal Falls Dr.	-	At Grade	10/13/2025	P2	8.8	116.6	97	95	-2 / 2	DPMP		RF
27 /356 2	Sidewalk Subgrade: STA 15 + 50, 8' north of the north curb on Crystal Falls Dr.	-	At Grade	10/13/2025	P3	7.9	120.7	96	95	-2 / 2	DPMP		RF
28 /356 3	Sidewalk Subgrade: STA 13 + 50, 10' north of the north curb on Crystal Falls Dr.	-	At Grade	10/13/2025	P2	8.2	114.9	96	95	-2 / 2	DPMP		RF
29 /356 4	Sidewalk Subgrade: STA 11 + 50, 8' north of the north curb on Crystal Falls Dr.	-	At Grade	10/13/2025	P2	8.2	115.4	96	95	-2 / 2	DPMP		RF
30 /356 5	Sidewalk Subgrade: STA 11 + 50, 10' east of the east curb on House Rock Dr.	-	At Grade	10/13/2025	P2	8.2	115.6	96	95	-2 / 2	DPMP		RF



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Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
31 /356 6	Sidewalk Subgrade: STA 65 + 50, 9' south of the south curb on Sunrise Ridge Dr.	-	At Grade	10/14/2025	P3	6.8	121.7	97	95	-2 / 2	DPMP		RF
32 /356 7	Sidewalk Subgrade: STA 67 + 50, 10' south of the south curb on Sunrise Ridge Dr.	-	At Grade	10/14/2025	P3	7.8	120.8	96	95	-2 / 2	DPMP		RF
33 /356 8	Sidewalk Subgrade: STA 69 + 50, 11' south of the south curb on Sunrise Ridge Dr.	-	At Grade	10/14/2025	P2	8.4	114.9	96	95	-2 / 2	DPMP		RF
34 /356 9	Sidewalk Subgrade: STA 71 + 50, 9' south of the south curb on Sunrise Ridge Dr.	-	At Grade	10/14/2025	P2	8.3	115.9	97	95	-2 / 2	DPMP		RF
35 /357 0	Sidewalk Subgrade: STA 73 + 50, 10' south of the south curb on Sunrise Ridge Dr.	-	At Grade	10/14/2025	P2	9.1	118.1	98	95	-2 / 2	DPMP		RF
36 /357 1	Sidewalk Subgrade: STA 75 + 50, 8' south of the south curb on Sunrise Ridge Dr.	-	At Grade	10/14/2025	P2	9.3	116.1	97	95	-2 / 2	DPMP		RF
37 /357 2	Sidewalk Subgrade: STA 77 + 50, 8' south of the south curb on Sunrise Ridge Dr.	-	At Grade	10/14/2025	P2	9.0	117.3	98	95	-2 / 2	DPMP		RF
38 /357 3	Sidewalk Subgrade: STA 78 + 50, 11' north of the north curb on Sunrise Ridge Dr.	-	At Grade	10/14/2025	P2	9.7	115.8	96	95	-2 / 2	DPMP		RF
39 /357 4	Sidewalk Subgrade: STA 76 + 50, 11' north of the north curb on Sunrise Ridge Dr.	-	At Grade	10/14/2025	P2	8.3	114.9	96	95	-2 / 2	DPMP		RF
40 /357 5	Sidewalk Subgrade: STA 74 + 50, 10' north of the north curb on Sunrise Ridge Dr.	-	At Grade	10/14/2025	P2	8.5	115.1	96	95	-2 / 2	DPMP		RF
41 /357 6	Sidewalk Subgrade: STA 72 + 50, 11' north of the north curb on Sunrise Ridge Dr.	-	At Grade	10/14/2025	P2	8.2	115.7	96	95	-2 / 2	DPMP		RF
42 /357 7	Sidewalk Subgrade: STA 70 + 50, 9' north of the north curb on Sunrise Ridge Dr.	-	At Grade	10/14/2025	P2	9.4	116.7	97	95	-2 / 2	DPMP		RF
43 /357 8	Sidewalk Subgrade: STA 11 + 10, 10' east of the east curb on Cardenas Dr.	-	At Grade	10/14/2025	P3	7.5	120.8	96	95	-2 / 2	DPMP		RF
44 /357 9	Sidewalk Subgrade: STA 10 + 70, 11' west of the west curb on Cardenas Dr.	-	At Grade	10/14/2025	P3	7.3	120.6	96	95	-2 / 2	DPMP		RF
45 /358 0	Sidewalk Subgrade: STA 68 + 50, 9' north of the north curb on Sunrise Ridge Dr.	-	At Grade	10/14/2025	P2	8.3	115.0	96	95	-2 / 2	DPMP		RF



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Rolling Hills Ranch North F1
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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
46 /358 1	Sidewalk Subgrade: STA 66 + 50, 11' north of the north curb on Sunrise Ridge Dr.	-	At Grade	10/14/2025	P3	7.1	123.1	98	95	-2 / 2	DPMP		RF
47 /358 2	Sidewalk Subgrade: STA 14 + 50, 10' east of the east curb on House Rock Dr.	-	At Grade	10/14/2025	P1	8.9	122.4	96	95	-2 / 2	DPMP		RF
48 /358 3	Sidewalk Subgrade: STA 16 + 00, 8' north of the north curb on House Rock Dr.	-	At Grade	10/14/2025	P1	7.4	122.0	96	95	-2 / 2	DPMP		RF
158 /358 4	Roadway Subgrade: Repair, STA 28 + 85, 5' east of the west curb in the southbound lane on House Rock Dr.	2	Below Grade	10/16/2025	P1	9.6	122.1	96	95	-2 / 2	DPMP		RF
159 /358 5	Roadway Subgrade: CTS, STA 28 + 80, 7' east of the west curb in the southbound lane on House Rock Dr.	-	At Grade	10/16/2025	P8 (CTS)	8.8	121.9	96	95	-2 / 2	DPMP		RF

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 D1557 - A	ML	10.1	120.1
P1	ASTM D1557 - B	SC	8.5	127.5
P3	ASTM D1557 - B	SW	7.5	125.8
P8 (CTS)		SC	7.1	127.5

10/23/2025

Reviewed by: Joey Goode, PE



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250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
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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
23 /358 6	Electric/Gas: STA 11 + 50, 10' west of the east future curb on Redwall Dr.	-	At Grade	11/10/2025	P2	8.7	115.6	96	95	-2 / 2	DPMP		RF
24 /358 7	Electric/Gas: STA 14 + 25, 15' west of the east future curb on Redwall Dr.	-	At Grade	11/10/2025	P2	8.6	115.2	96	95	-2 / 2	DPMP		RF
25 /358 8	Electric/Gas: STA 13 + 80, 30' west of the future east curb on Temple Butte Dr.	-	At Grade	11/10/2025	P4	7.9	118.9	95	95	-2 / 2	DPMP		RF

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 D1557 - A	ML	10.1	120.1
P4	ASTM D1557 - B	SC	8.2	124.7

11/19/2025

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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 /3589	Electric/Gas: STA 32 + 15, 15' east of the east future curb on Galeros Dr.	-	At Grade	11/24/2025	P4	9.7	119.1	96	95	-2 / 2	DPMP		RF
27 /3590	Electric/Gas: STA 15 + 50, 18' east of the west future curb on Bright Angel Dr.	-	At Grade	11/24/2025	P4	10.1	119.1	96	95	-2 / 2	DPMP		RF

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 - B	SC	8.2	124.7

12/04/2025

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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
28 /359 1	Electric/Gas: STA 10 + 55, 25' east of the west future curb on Redwall Dr.	-	At Grade	12/17/2025	P4	9.2	120.5	97	95	-2 / 2	DPMP		RF
29 /359 2	Electric/Gas: STA 14 + 55, 20' east of the west future curb on Temple Butte Dr.	-	At Grade	12/17/2025	P4	8.8	120.1	96	95	-2 / 2	DPMP		RF
30 /359 3	Electric/Gas: STA 14 + 55, 10' east of the west future curb on Bright Angel Dr.	-	At Grade	12/17/2025	P4	7.8	119.4	96	95	-2 / 2	DPMP		RF
31 /359 4	Electric/Gas: STA 14 + 55, 20' east of the west future curb on Tapeats Dr.	-	At Grade	12/17/2025	P5	9.3	116.5	97	95	-2 / 2	DPMP		RF
32 /359 5	Electric/Gas: STA 31 + 45, 10' west of the east future curb on Galeros Dr.	-	At Grade	12/17/2025	P4	8.8	119.7	96	95	-2 / 2	DPMP		RF

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 - B	SC	8.2	124.7
P5	ASTM D1557 - A	SM	11.3	120.5

12/26/2025

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Meridian Ranch - Rolling Hills Ranch North F1
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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
107 /359 6	Curb & Gutter: STA 22 + 75 on the west side.	-	At Grade	03/26/2026	P4	6.5	120.1	96	95	-2 / 2	DPMP		RF
160 /359 7	Roadway Subgrade: STA 23 + 00, eastbound lane.	-	At Grade	03/26/2026	P4	6.9	121.3	97	95	-2 / 2	DPMP		RF
109 /359 8	Curb & Gutter: STA 63 + 25, 3' north of the future south curb on Sunrise Ridge Dr.	2	Below Grade	03/31/2026	P4	8.3	119.9	96	95	-2 / 2	DPMP		RF
110 /359 9	Curb & Gutter: STA 62 + 61, 4' north of the future south curb on Sunrise Ridge Dr.	2	Below Grade	03/31/2026	P4	8.8	121.1	97	95	-2 / 2	DPMP		RF
111 /360 0	Curb & Gutter: STA 57 + 77, 1' north of the future south curb on Sunrise Ridge Dr.	1	Below Grade	03/31/2026	P4	8.4	120.8	97	95	-2 / 2	DPMP		RF
108 /360 1	Curb & Gutter: STA 56 + 25, 3' north of the future south curb on Sunrise Ridge Dr.	1	Below Grade	03/31/2026	P4	9.5	118.4	95	95	-2 / 2	DPMP		RF
112 /360 2	Curb & Gutter: STA 55 + 44, 3' north of the future south curb on Sunrise Ridge Dr.	1	Below Grade	03/31/2026	P4	8.6	121.8	98	95	-2 / 2	DPMP		RF
113 /360 3	Curb & Gutter: STA 13 + 95, 2' east of the future west curb on Redwall Dr.	1	Below Grade	03/31/2026	P2	10.8	115.3	96	95	-2 / 2	DPMP		RF
114 /360 4	Curb & Gutter: STA 10 + 42, 2' west of the future east curb on Temple Butte Dr.	1	Below Grade	03/31/2026	P4	9.8	119.3	96	95	-2 / 2	DPMP		RF
115 /360 5	Curb & Gutter: STA 10 + 71, 2' west of the future east curb on Bright Angel Dr.	1	Below Grade	03/31/2026	P4	8.9	118.1	95	95	-2 / 2	DPMP		RF
116 /360 6	Curb & Gutter: STA 52 + 00, 3' south of the future north curb on Sunrise Ridge Dr.	2	Below Grade	03/31/2026	P4	6.9	119.6	96	95	-2 / 2	DPMP		RF
117 /360 7	Curb & Gutter: STA 10 + 37, 3' east of the future west curb on Bright Angel Dr.	2	Below Grade	03/31/2026	P4	9.3	119.7	96	95	-2 / 2	DPMP		RF
118 /360 8	Curb & Gutter: STA 14 + 78, 3' west of the future east curb on Bright Angel Dr.	2	Below Grade	03/31/2026	P4	10.1	118.9	95	95	-2 / 2	DPMP		RF
119 /360 9	Curb & Gutter: STA 18 + 00, 3' north of the future south curb on Horn Hill Dr.	1	Below Grade	03/31/2026	P4	8.2	118.3	95	95	-2 / 2	DPMP		RF



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Project:

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Meridian Ranch - Rolling Hills Ranch North F1
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Peyton, 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
120 /361 0	Curb & Gutter: STA 63 + 25, 3' north of the future south curb on Sunrise Ridge Dr.	-	At Grade	04/01/2026	P4	6.7	120.8	97	95	-2 / 2	DPMP		RF
121 /361 1	Curb & Gutter: STA 62 + 61, 3' north of the future south curb on Sunrise Ridge Dr.	-	At Grade	04/01/2026	P4	6.6	119.2	96	95	-2 / 2	DPMP		RF
122 /361 2	Curb & Gutter: STA 57 + 77, 2' north of the future south curb on Sunrise Ridge Dr.	-	At Grade	04/01/2026	P4	7.1	121.3	97	95	-2 / 2	DPMP		RF
123 /361 3	Curb & Gutter: STA 56 + 25, 3' north of the future south curb on Sunrise Ridge Dr.	-	At Grade	04/01/2026	P4	6.9	121.6	98	95	-2 / 2	DPMP		RF
124 /361 4	Curb & Gutter: STA 55 + 44, 3' north of the future south curb on Sunrise Ridge Dr.	-	At Grade	04/01/2026	P4	6.4	118.8	95	95	-2 / 2	DPMP		RF
125 /361 5	Curb & Gutter: STA 52 + 00, 3' south of the future north curb on Sunrise Ridge Dr.	-	At Grade	04/01/2026	P4	6.5	119.5	96	95	-2 / 2	DPMP		RF
126 /361 6	Curb & Gutter: STA 11 + 75, 3' east of the future west curb on Bright Angel Dr.	-	At Grade	04/01/2026	P7	12.9	108.3	97	95	-1 / 3	DPMP		RF
127 /361 7	Curb & Gutter: STA 13 + 25, 3' east of the future west curb on Bright Angel Dr.	-	At Grade	04/01/2026	P4	7.0	121.1	97	95	-2 / 2	DPMP		RF
128 /361 8	Curb & Gutter: STA 12 + 25, 4' west of the future east curb on Bright Angel Dr.	-	At Grade	04/01/2026	P7	12.9	108.4	97	95	-1 / 3	DPMP		RF
129 /361 9	Curb & Gutter: STA 28 + 25, 3' west of the future east curb on Galeros Dr.	-	At Grade	04/01/2026	P4	8.2	120.1	96	95	-2 / 2	DPMP		RF
130 /362 0	Curb & Gutter: STA 29 + 25, 3' east of the future west curb on Galeros Dr.	-	At Grade	04/01/2026	P4	9.2	118.9	95	95	-2 / 2	DPMP		RF
131 /362 1	Curb & Gutter: STA 31 + 45, 3' west of the future east curb on Galeros Dr.	2	Below Grade	04/02/2026	P4	9.6	118.1	95	95	-2 / 2	DPMP		RF
132 /362 2	Curb & Gutter: STA 10 + 42, 2' west of the future east curb on Temple Butte Dr.	-	At Grade	04/02/2026	P4	7.6	119.1	96	95	-2 / 2	DPMP		RF
133 /362 3	Curb & Gutter: STA 13 + 95, 3' east of the future west curb on Redwall Dr.	-	At Grade	04/02/2026	P2	9.7	115.2	96	95	-2 / 2	DPMP		RF

Remarks

DP/MP : Density Pass / Moisture Pass

Comments

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



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Peyton, CO

Proctor Data

Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)
P4	ASTM D1557 - B	SC	8.2	124.7
P2	ASTM D1557 - A	ML	10.1	120.1
P7	ASTM D698 - A	CL	13.7	111.8

04/07/2026

Reviewed by: Joey Goode, PE



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Test Results

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134 /362 4	Curb & Gutter: STA 51 + 50, south curb on Sunrise Ridge Dr.	-	At Grade	04/09/2026	P4	7.2	120.6	97	95	-2 / 2	DPMP		RF
135 /362 5	Curb & Gutter: STA 53 + 50, south curb on Sunrise Ridge Dr.	-	At Grade	04/09/2026	P4	7.1	121.1	97	95	-2 / 2	DPMP		RF
136 /362 6	Curb & Gutter: STA 55 + 50, south curb on Sunrise Ridge Dr.	-	At Grade	04/09/2026	P4	6.9	120.2	96	95	-2 / 2	DPMP		RF
137 /362 7	Curb & Gutter: STA 57 + 50, south curb on Sunrise Ridge Dr.	-	At Grade	04/09/2026	P4	6.7	121.4	97	95	-2 / 2	DPMP		RF
138 /362 8	Curb & Gutter: STA 59 + 50, south curb on Sunrise Ridge Dr.	-	At Grade	04/09/2026	P3	7.8	120.2	96	95	-2 / 2	DPMP		RF
139 /362 9	Curb & Gutter: STA 61 + 50, south curb on Sunrise Ridge Dr.	-	At Grade	04/09/2026	P3	6.8	121.9	97	95	-2 / 2	DPMP		RF
140 /363 0	Curb & Gutter: STA 63 + 50, south curb on Sunrise Ridge Dr.	-	At Grade	04/09/2026	P4	7.4	120.6	97	95	-2 / 2	DPMP		RF
141 /363 1	Curb & Gutter: STA 65 + 45, south curb on Sunrise Ridge Dr.	-	At Grade	04/09/2026	P4	7.3	120.6	97	95	-2 / 2	DPMP		RF
142 /363 2	Curb & Gutter: STA 65 + 25, north curb on Sunrise Ridge Dr.	-	At Grade	04/09/2026	P4	6.5	119.7	96	95	-2 / 2	DPMP		RF
143 /363 3	Curb & Gutter: STA 63 + 68, north curb on Sunrise Ridge Dr.	-	At Grade	04/09/2026	P4	6.9	120.4	97	95	-2 / 2	DPMP		RF
144 /363 4	Curb & Gutter: STA 62 + 00, north curb on Sunrise Ridge Dr.	-	At Grade	04/09/2026	P4	7.1	121.5	97	95	-2 / 2	DPMP		RF
145 /363 5	Curb & Gutter: STA 60 + 00, north curb on Sunrise Ridge Dr.	-	At Grade	04/09/2026	P3	6.9	122.9	98	95	-2 / 2	DPMP		RF
146 /363 6	Curb & Gutter: STA 58 + 45, north curb on Sunrise Ridge Dr.	-	At Grade	04/09/2026	P4	6.3	119.1	96	95	-2 / 2	DPMP		RF
147 /363 7	Curb & Gutter: STA 56 + 00, north curb on Sunrise Ridge Dr.	-	At Grade	04/09/2026	P4	6.4	121.3	97	95	-2 / 2	DPMP		RF



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148 /363 8	Curb & Gutter: STA 54 + 00, north curb on Sunrise Ridge Dr.	-	At Grade	04/09/2026	P4	7.5	120.8	97	95	-2 / 2	DPMP		RF
149 /363 9	Curb & Gutter: STA 52 + 00, north curb on Sunrise Ridge Dr.	-	At Grade	04/09/2026	P4	6.4	119.3	96	95	-2 / 2	DPMP		RF
150 /364 0	Curb & Gutter: STA 51 + 00, north curb on Sunrise Ridge Dr.	-	At Grade	04/09/2026	P4	6.4	121.1	97	95	-2 / 2	DPMP		RF
151 /364 1	Curb & Gutter: STA 11 + 00, west curb on Redwall Dr.	-	At Grade	04/09/2026	P4	6.9	119.8	96	95	-2 / 2	DPMP		RF
152 /364 2	Curb & Gutter: STA 13 + 00, west curb on Redwall Dr.	-	At Grade	04/09/2026	P2	8.5	116.8	97	95	-2 / 2	DPMP		RF
153 /364 3	Curb & Gutter: STA 15 + 00, west curb on Redwall Dr.	-	At Grade	04/09/2026	P4	7.4	119.5	96	95	-2 / 2	DPMP		RF
154 /364 4	Curb & Gutter: STA 14 + 25, east curb on Redwall Dr.	-	At Grade	04/09/2026	P2	8.9	115.6	96	95	-2 / 2	DPMP		RF
155 /364 5	Curb & Gutter: STA 12 + 50, east curb on Redwall Dr.	-	At Grade	04/09/2026	P2	8.1	115.8	96	95	-2 / 2	DPMP		RF
156 /364 6	Curb & Gutter: STA 10 + 50, east curb on Redwall Dr.	-	At Grade	04/09/2026	P4	7.5	122.4	98	95	-2 / 2	DPMP		RF

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 - B	SC	8.2	124.7
P3	ASTM D1557 - B	SW	7.5	125.8
P2	ASTM D1557 - A	ML	10.1	120.1



Entech Engineering
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Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, CO

A handwritten signature in blue ink, appearing to read "Joey Goode".

04/18/2026

Reviewed by: Joey Goode, PE



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Rolling Hills Ranch North F1
Peyton, 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
157 /364 7	Curb & Gutter: STA 15 + 48, south side of Horn Hill Dr.	-	At Grade	04/13/2026	P4	6.5	121.3	97	95	-2 / 2	DPMP		RF
158 /364 8	Curb & Gutter: STA 17 + 00, south side of Horn Hill Dr.	-	At Grade	04/13/2026	P4	6.7	120.8	97	95	-2 / 2	DPMP		RF
159 /364 9	Curb & Gutter: STA 19 + 00, south side of Horn Hill Dr.	-	At Grade	04/13/2026	P4	6.8	119.4	96	95	-2 / 2	DPMP		RF
160 /365 0	Curb & Gutter: STA 21 + 00, south side of Horn Hill Dr.	-	At Grade	04/13/2026	P4	7.3	120.1	96	95	-2 / 2	DPMP		RF
161 /365 1	Curb & Gutter: STA 23 + 00, south side of Horn Hill Dr.	-	At Grade	04/13/2026	P4	6.6	119.1	96	95	-2 / 2	DPMP		RF
162 /365 2	Curb & Gutter: STA 25 + 00, south side of Horn Hill Dr.	-	At Grade	04/13/2026	P4	7.3	120.9	97	95	-2 / 2	DPMP		RF
163 /365 3	Curb & Gutter: STA 27 + 00, east side of Galeros Dr.	-	At Grade	04/13/2026	P4	6.6	122.2	98	95	-2 / 2	DPMP		RF
164 /365 4	Curb & Gutter: STA 29 + 00, east side of Galeros Dr.	-	At Grade	04/13/2026	P4	6.8	119.7	96	95	-2 / 2	DPMP		RF
165 /365 5	Curb & Gutter: STA 31 + 00, east side of Galeros Dr.	-	At Grade	04/13/2026	P4	8.3	121.9	98	95	-2 / 2	DPMP		RF
166 /365 6	Curb & Gutter: STA 31 + 25, west side of Galeros Dr.	-	At Grade	04/13/2026	P4	7.1	120.8	97	95	-2 / 2	DPMP		RF
167 /365 7	Curb & Gutter: STA 30 + 00, west side of Galeros Dr.	-	At Grade	04/13/2026	P4	8.2	119.1	96	95	-2 / 2	DPMP		RF
168 /365 8	Curb & Gutter: STA 28 + 00, west side of Galeros Dr.	-	At Grade	04/13/2026	P4	7.3	122.2	98	95	-2 / 2	DPMP		RF
169 /365 9	Curb & Gutter: STA 26 + 00, north side of Horn Hill Dr.	-	At Grade	04/13/2026	P4	6.7	121.3	97	95	-2 / 2	DPMP		RF
170 /366 0	Curb & Gutter: STA 24 + 30, north side of Horn Hill Dr.	-	At Grade	04/13/2026	P4	6.5	120.5	97	95	-2 / 2	DPMP		RF



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Soil Density Report

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
171 /366 1	Curb & Gutter: STA 22 + 00, north side of Horn Hill Dr.	-	At Grade	04/13/2026	P4	7.0	119.7	96	95	-2 / 2	DPMP		RF
172 /366 2	Curb & Gutter: STA 20 + 00, north side of Horn Hill Dr.	-	At Grade	04/13/2026	P4	6.4	118.8	95	95	-2 / 2	DPMP		RF
173 /366 3	Curb & Gutter: STA 18 + 29, north side of Horn Hill Dr.	-	At Grade	04/13/2026	P4	7.9	117.9	95	95	-2 / 2	DPMP		RF
174 /366 4	Curb & Gutter: STA 16 + 00, north side of Horn Hill Dr.	-	At Grade	04/13/2026	P4	8.8	118.1	95	95	-2 / 2	DPMP		RF
175 /366 5	Curb & Gutter: STA 14 + 50, east side of Tapeats Dr.	-	At Grade	04/13/2026	P5	9.4	115.6	96	95	-2 / 2	DPMP		RF
176 /366 6	Curb & Gutter: STA 12 + 50, east side of Tapeats Dr.	-	At Grade	04/13/2026	P5	9.4	115.5	96	95	-2 / 2	DPMP		RF
177 /366 7	Curb & Gutter: STA 10 + 50, east side of Tapeats Dr.	-	At Grade	04/13/2026	P5	9.8	116.4	97	95	-2 / 2	DPMP		RF
178 /366 8	Curb & Gutter: STA 11 + 00, west side of Tapeats Dr.	-	At Grade	04/13/2026	P5	10.1	116.2	96	95	-2 / 2	DPMP		RF
179 /366 9	Curb & Gutter: STA 13 + 00, west side of Tapeats Dr.	-	At Grade	04/13/2026	P5	9.5	114.7	95	95	-2 / 2	DPMP		RF
180 /367 0	Curb & Gutter: STA 14 + 75, west side of Tapeats Dr.	-	At Grade	04/13/2026	P5	9.7	114.9	95	95	-2 / 2	DPMP		RF
181 /367 1	Curb & Gutter: STA 10 + 37, east side of Redwall Dr.	-	At Grade	04/13/2026	P4	7.2	120.7	97	95	-2 / 2	DPMP		RF
182 /367 2	Curb & Gutter: STA 52 + 40, south side of Sunrise Ridge Dr.	-	At Grade	04/13/2026	P4	6.4	119.8	96	95	-2 / 2	DPMP		RF
183 /367 3	Curb & Gutter: STA 51 + 70, north side of Sunrise Ridge Dr.	-	At Grade	04/13/2026	P4	6.8	120.3	97	95	-2 / 2	DPMP		RF
184 /367 4	Curb & Gutter: STA 10 + 37, west side of Redwall Dr.	-	At Grade	04/13/2026	P4	7.5	120.8	97	95	-2 / 2	DPMP		RF
185 /367 5	Curb & Gutter: STA 14 + 75, west side of Temple Butte Dr.	-	At Grade	04/14/2026	P4	6.6	121.4	97	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
186 /367 6	Curb & Gutter: STA 14 + 61, east side of Temple Butte Dr.	-	At Grade	04/14/2026	P4	7.2	120.1	96	95	-2 / 2	DPMP		RF
187 /367 7	Curb & Gutter: STA 16 + 00, west side of Bright Angel Dr.	-	At Grade	04/15/2026	P3	6.6	120.1	96	95	-2 / 2	DPMP		RF
188 /367 8	Curb & Gutter: STA 15 + 50, east side of Bright Angel Dr.	-	At Grade	04/15/2026	P3	6.7	123.7	98	95	-2 / 2	DPMP		RF
189 /367 9	Curb & Gutter: STA 14 + 60, west side of Temple Butte Dr.	-	At Grade	04/15/2026	P4	6.6	119.1	96	95	-2 / 2	DPMP		RF
190 /368 0	Curb & Gutter: STA 12 + 50, west side of Temple Butte Dr.	-	At Grade	04/15/2026	P4	7.2	121.8	98	95	-2 / 2	DPMP		RF
191 /368 1	Curb & Gutter: STA 10+ 25, west side of Temple Butte Dr.	-	At Grade	04/15/2026	P4	6.7	121.3	97	95	-2 / 2	DPMP		RF
192 /368 2	Curb & Gutter: STA 11 + 00, east side of Temple Butte Dr.	-	At Grade	04/15/2026	P4	6.8	122.3	98	95	-2 / 2	DPMP		RF
193 /368 3	Curb & Gutter: STA 13 + 00, east side of Temple Butte Dr.	-	At Grade	04/15/2026	P4	7.5	120.3	97	95	-2 / 2	DPMP		RF
194 /368 4	Curb & Gutter: STA 14 + 75, west side of Bright Angel Dr.	-	At Grade	04/15/2026	P4	6.8	120.8	97	95	-2 / 2	DPMP		RF
195 /368 5	Curb & Gutter: STA 13 + 00, west side of Bright Angel Dr.	-	At Grade	04/15/2026	P4	7.2	119.5	96	95	-2 / 2	DPMP		RF
196 /368 6	Curb & Gutter: STA 11 + 00, west side of Bright Angel Dr.	-	At Grade	04/15/2026	P4	6.4	120.2	96	95	-2 / 2	DPMP		RF
197 /368 7	Curb & Gutter: STA 10 + 50, east side of Bright Angel Dr.	-	At Grade	04/15/2026	P4	6.9	121.0	97	95	-2 / 2	DPMP		RF
198 /368 8	Curb & Gutter: STA 12 + 50, east side of Bright Angel Dr.	-	At Grade	04/15/2026	P7	12.7	111.1	99	95	-1 / 3	DPMP		RF
199 /368 9	Curb & Gutter: STA 14 + 50, east side of Bright Angel Dr.	-	At Grade	04/15/2026	P4	7.0	119.9	96	95	-2 / 2	DPMP		RF
200 /369 0	Curb & Gutter: STA 32 + 25, east side of Galeros Dr.	-	At Grade	04/15/2026	P4	6.9	120.6	97	95	-2 / 2	DPMP		RF



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Soil Density Report

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
201 /369 1	Curb & Gutter: STA 33 + 00, west side of Galeros Dr.	-	At Grade	04/15/2026	P6	6.6	119.8	95	95	-2 / 2	DPMP		RF

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 - B	SC	8.2	124.7
P5	ASTM D1557 - A	SM	11.3	120.5
P3	ASTM D1557 - B	SW	7.5	125.8
P7	ASTM D698 - A	CL	13.7	111.8
P6	ASTM D1557 - A	SM	8.2	126.8

04/20/2026

Reviewed by: Joey Goode, PE



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
49 /369 2	Sidewalk Subgrade: STA 55 + 70, north of Sunrise Ridge Dr.	-	At Grade	04/23/2026	P4	6.9	121.1	97	95	-2 / 2	DPMP		RF
164 /369 3	Roadway Subgrade: STA 56 + 20 on Sunrise Ridge Dr., westbound lane.	-	At Grade	04/23/2026	P4	7.0	122.5	98	95	-2 / 2	DPMP		RF
165 /369 4	Roadway Subgrade: STA 33 + 50 on Galeros Dr., northbound lane.	-	At Grade	04/27/2026	P6	6.3	123.1	97	95	-2 / 2	DPMP		RF
166 /369 5	Roadway Subgrade: STA 32 + 50 on Galeros Dr., southbound lane.	-	At Grade	04/27/2026	P6	6.6	123.2	97	95	-2 / 2	DPMP		RF
167 /369 6	Roadway Subgrade: STA 65 + 00 on Sunrise Ridge Dr., westbound lane.	-	At Grade	04/27/2026	P3	6.2	123.3	98	95	-2 / 2	DPMP		RF
168 /369 7	Roadway Subgrade: STA 61 + 00 on Sunrise Ridge Dr., westbound lane.	-	At Grade	04/27/2026	P3	7.1	121.6	97	95	-2 / 2	DPMP		RF
169 /369 8	Roadway Subgrade: STA 15 + 50 on Bright Angel Dr., northbound lane.	-	At Grade	04/27/2026	P3	6.5	122.0	97	95	-2 / 2	DPMP		RF
170 /369 9	Roadway Subgrade: STA 16 + 00 on Bright Angel Dr., southbound lane.	-	At Grade	04/27/2026	P3	5.6	120.7	96	95	-2 / 2	DPMP		RF
171 /370 0	Roadway Subgrade: STA 57 + 00 on Sunrise Ridge Dr., westbound lane.	-	At Grade	04/27/2026	P4	7.1	120.8	97	95	-2 / 2	DPMP		RF
172 /370 1	Roadway Subgrade: STA 53 + 00 on Sunrise Ridge Dr., westbound lane.	-	At Grade	04/27/2026	P4	7.4	122.7	98	95	-2 / 2	DPMP		RF
173 /370 2	Roadway Subgrade: STA 51 + 00 on Sunrise Ridge Dr., eastbound lane.	-	At Grade	04/27/2026	P4	6.9	119.9	96	95	-2 / 2	DPMP		RF
174 /370 3	Roadway Subgrade: STA 55 + 00 on Sunrise Ridge Dr., eastbound lane.	-	At Grade	04/27/2026	P4	7.2	120.8	97	95	-2 / 2	DPMP		RF
175 /370 4	Roadway Subgrade: STA 59 + 00 on Sunrise Ridge Dr., eastbound lane.	-	At Grade	04/27/2026	P3	6.6	121.9	97	95	-2 / 2	DPMP		RF
176 /370 5	Roadway Subgrade: STA 63 + 00 on Sunrise Ridge Dr., eastbound lane.	-	At Grade	04/27/2026	P4	6.9	121.9	98	95	-2 / 2	DPMP		RF



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Peyton, 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
177 /370 6	Roadway Subgrade: STA 31 + 00 on Galeros Dr., northbound lane.	-	At Grade	04/27/2026	P4	6.7	121.1	97	95	-2 / 2	DPMP		RF
178 /370 7	Roadway Subgrade: STA 29 + 00 on Galeros Dr., northbound lane.	-	At Grade	04/27/2026	P4	7.6	120.8	97	95	-2 / 2	DPMP		RF
179 /370 8	Roadway Subgrade: STA 27 + 50 on Galeros Dr., southbound lane.	-	At Grade	04/27/2026	P4	7.1	120.3	97	95	-2 / 2	DPMP		RF
180 /370 9	Roadway Subgrade: STA 30 + 50 on Galeros Dr., southbound lane.	-	At Grade	04/27/2026	P4	6.8	119.3	96	95	-2 / 2	DPMP		RF
181 /371 0	Roadway Subgrade: STA 15 + 50 on Horn Hill Dr., eastbound lane.	-	At Grade	04/27/2026	P4	6.7	119.9	96	95	-2 / 2	DPMP		RF
182 /371 1	Roadway Subgrade: STA 19 + 50 on Horn Hill Dr., eastbound lane.	-	At Grade	04/27/2026	P4	6.7	118.5	95	95	-2 / 2	DPMP		RF
183 /371 2	Roadway Subgrade: STA 23 + 50 on Horn Hill Dr., eastbound lane.	-	At Grade	04/27/2026	P4	6.2	121.2	97	95	-2 / 2	DPMP		RF
184 /371 3	Roadway Subgrade: STA 26 + 00 on Horn Hill Dr., eastbound lane.	-	At Grade	04/27/2026	P4	7.0	119.4	96	95	-2 / 2	DPMP		RF
185 /371 4	Roadway Subgrade: STA 26 + 50 on Horn Hill Dr., westbound lane.	-	At Grade	04/27/2026	P4	6.5	120.7	97	95	-2 / 2	DPMP		RF
186 /371 5	Roadway Subgrade: STA 22 + 50 on Horn Hill Dr., westbound lane.	-	At Grade	04/27/2026	P4	7.2	122.5	98	95	-2 / 2	DPMP		RF
187 /371 6	Roadway Subgrade: STA 18 + 50 on Horn Hill Dr., westbound lane.	-	At Grade	04/27/2026	P4	6.3	120.3	97	95	-2 / 2	DPMP		RF
188 /371 7	Roadway Subgrade: STA 16 + 00 on Horn Hill Dr., westbound lane.	-	At Grade	04/27/2026	P4	7.8	120.9	97	95	-2 / 2	DPMP		RF
189 /371 8	Roadway Subgrade: STA 10 + 50 on Redwall Dr., southbound lane.	-	At Grade	04/28/2026	P4	7.1	122.6	98	95	-2 / 2	DPMP		RF
190 /371 9	Roadway Subgrade: STA 13 + 00 on Redwall Dr., southbound lane.	-	At Grade	04/28/2026	P2	8.2	116.6	97	95	-2 / 2	DPMP		RF
191 /372 0	Roadway Subgrade: STA 14 + 50 on Redwall Dr., northbound lane.	-	At Grade	04/28/2026	P2	8.3	114.7	96	95	-2 / 2	DPMP		RF



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Rolling Hills Ranch North F1
Peyton, 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
192 /372 1	Roadway Subgrade: STA 12 + 00 on Redwall Dr., northbound lane.	-	At Grade	04/28/2026	P2	8.7	115.3	96	95	-2 / 2	DPMP		RF
193 /372 2	Roadway Subgrade: STA 14 + 50 on Bright Angel Dr., southbound lane.	-	At Grade	04/28/2026	P4	6.5	120.6	97	95	-2 / 2	DPMP		RF
194 /372 3	Roadway Subgrade: STA 11 + 50 on Bright Angel Dr., southbound lane.	-	At Grade	04/28/2026	P4	7.8	119.5	96	95	-2 / 2	DPMP		RF
195 /372 4	Roadway Subgrade: STA 10 + 50 on Bright Angel Dr., northbound lane.	-	At Grade	04/28/2026	P4	6.3	121.0	97	95	-2 / 2	DPMP		RF
196 /372 5	Roadway Subgrade: STA 13 + 00 on Bright Angel Dr., northbound lane.	-	At Grade	04/28/2026	P4	7.3	119.3	96	95	-2 / 2	DPMP		RF
197 /372 6	Roadway Subgrade: CTS, STA 31 + 50 on Galeros Dr., southbound lane.	-	At Grade	04/28/2026	P8 (CTS)	8.9	122.3	96	95	-2 / 2	DPMP		RF
198 /372 7	Roadway Subgrade: CTS, STA 28 + 50 on Galeros Dr., southbound lane.	-	At Grade	04/28/2026	P8 (CTS)	9.1	124.2	97	95	-2 / 2	DPMP		RF
199 /372 8	Roadway Subgrade: CTS, STA 28 + 00 on Galeros Dr., northbound lane.	-	At Grade	04/28/2026	P8 (CTS)	8.2	122.7	96	95	-2 / 2	DPMP		RF
200 /372 9	Roadway Subgrade: CTS, STA 31 + 00 on Galeros Dr., northbound lane.	-	At Grade	04/28/2026	P8 (CTS)	8.4	123.6	97	95	-2 / 2	DPMP		RF
201 /373 0	Roadway Subgrade: STA 14 + 50 on Temple Butte Dr., southbound lane.	-	At Grade	04/28/2026	P4	6.6	120.7	97	95	-2 / 2	DPMP		RF
202 /373 1	Roadway Subgrade: STA 11 + 50 on Temple Butte Dr., southbound lane.	-	At Grade	04/28/2026	P4	7.9	119.6	96	95	-2 / 2	DPMP		RF
203 /373 2	Roadway Subgrade: STA 10 + 50 on Temple Butte Dr., northbound lane.	-	At Grade	04/28/2026	P4	7.1	119.4	96	95	-2 / 2	DPMP		RF
204 /373 3	Roadway Subgrade: STA 13 + 00 on Temple Butte Dr., northbound lane.	-	At Grade	04/28/2026	P4	6.8	121.6	98	95	-2 / 2	DPMP		RF
205 /373 4	Roadway Subgrade: CTS, STA 25 + 50 on Horn Hill Dr., westbound lane.	-	At Grade	04/28/2026	P8 (CTS)	8.7	122.3	96	95	-2 / 2	DPMP		RF
206 /373 5	Roadway Subgrade: CTS, STA 25 + 00 on Horn Hill Dr., eastbound lane.	-	At Grade	04/28/2026	P8 (CTS)	8.7	122.1	96	95	-2 / 2	DPMP		RF



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207 /373 6	Roadway Subgrade: CTS, STA 22 + 50 on Horn Hill Dr., westbound lane.	-	At Grade	04/28/2026	P8 (CTS)	8.3	122.7	96	95	-2 / 2	DPMP		RF
208 /373 7	Roadway Subgrade: CTS, STA 22 + 00 on Horn Hill Dr., eastbound lane.	-	At Grade	04/28/2026	P8 (CTS)	8.6	122.0	96	95	-2 / 2	DPMP		RF
209 /373 8	Roadway Subgrade: CTS, STA 19 + 50 on Horn Hill Dr., westbound lane.	-	At Grade	04/28/2026	P8 (CTS)	9.1	123.3	97	95	-2 / 2	DPMP		RF
210 /373 9	Roadway Subgrade: CTS, STA 19 + 00 on Horn Hill Dr., eastbound lane.	-	At Grade	04/28/2026	P8 (CTS)	8.7	122.4	96	95	-2 / 2	DPMP		RF
211 /374 0	Roadway Subgrade: CTS, STA 16 + 50 on Horn Hill Dr., westbound lane.	-	At Grade	04/28/2026	P8 (CTS)	7.6	123.8	97	95	-2 / 2	DPMP		RF
212 /374 1	Roadway Subgrade: CTS, STA 16 + 00 on Horn Hill Dr., eastbound lane.	-	At Grade	04/28/2026	P8 (CTS)	8.4	123.4	97	95	-2 / 2	DPMP		RF
213 /374 2	Roadway Subgrade: CTS, STA 13 + 50 on Redwall Dr., northbound lane.	-	At Grade	04/28/2026	P8 (CTS)	8.8	124.1	97	95	-2 / 2	DPMP		RF
214 /374 3	Roadway Subgrade: CTS, STA 13 + 00 on Redwall Dr., southbound lane.	-	At Grade	04/28/2026	P8 (CTS)	8.4	121.7	96	95	-2 / 2	DPMP		RF
215 /374 4	Roadway Subgrade: CTS, STA 11 + 00 on Redwall Dr., southbound lane.	-	At Grade	04/28/2026	P8 (CTS)	8.7	122.6	96	95	-2 / 2	DPMP		RF
216 /374 5	Roadway Subgrade: CTS, STA 10 + 50 on Redwall Dr., northbound lane.	-	At Grade	04/28/2026	P8 (CTS)	9.1	124.2	97	95	-2 / 2	DPMP		RF
217 /374 6	Roadway Subgrade: STA 14 + 50 on Tapeats Dr., southbound lane.	-	At Grade	04/29/2026	P5	9.3	117.4	97	95	-2 / 2	DPMP		RF
218 /374 7	Roadway Subgrade: STA 11 + 50 on Tapeats Dr., southbound lane.	-	At Grade	04/29/2026	P5	9.7	116.8	97	95	-2 / 2	DPMP		RF
219 /374 8	Roadway Subgrade: STA 10 + 50 on Tapeats Dr., northbound lane.	-	At Grade	04/29/2026	P5	10.3	115.7	96	95	-2 / 2	DPMP		RF
220 /374 9	Roadway Subgrade: STA 13 + 00 on Tapeats Dr., northbound lane.	-	At Grade	04/29/2026	P5	9.8	115.2	96	95	-2 / 2	DPMP		RF
221 /375 0	Roadway Subgrade: CTS, STA 14 + 00 on Bright Angel Dr., northbound lane.	-	At Grade	04/29/2026	P8 (CTS)	6.9	123.6	97	95	-2 / 2	DPMP		RF



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Soil Density Report

Client:

Tech Contractors
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San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
222 /375 1	Roadway Subgrade: CTS, STA 11 + 50 on Bright Angel Dr., northbound lane.	-	At Grade	04/29/2026	P8 (CTS)	8.8	123.8	97	95	-2 / 2	DPMP		RF
223 /375 2	Roadway Subgrade: CTS, STA 11 + 00 on Bright Angel Dr., southbound lane.	-	At Grade	04/29/2026	P8 (CTS)	8.7	122.1	96	95	-2 / 2	DPMP		RF
224 /375 3	Roadway Subgrade: CTS, STA 14 + 00 on Bright Angel Dr., southbound lane.	-	At Grade	04/29/2026	P8 (CTS)	7.9	124.1	97	95	-2 / 2	DPMP		RF
225 /375 4	Roadway Subgrade: CTS, STA 10 + 40 on Temple Butte Dr., northbound lane.	-	At Grade	04/29/2026	P8 (CTS)	8.6	121.8	96	95	-2 / 2	DPMP		RF
226 /375 5	Roadway Subgrade: CTS, STA 11 + 50 on Temple Butte Dr., southbound lane.	-	At Grade	04/29/2026	P8 (CTS)	8.9	123.5	97	95	-2 / 2	DPMP		RF
227 /375 6	Roadway Subgrade: CTS, STA 14 + 50 on Temple Butte Dr., southbound lane.	-	At Grade	04/29/2026	P8 (CTS)	8.6	124.2	97	95	-2 / 2	DPMP		RF
228 /375 7	Roadway Subgrade: CTS, STA 13 + 50 on Temple Butte Dr., northbound lane.	-	At Grade	04/29/2026	P8 (CTS)	8.8	123.8	97	95	-2 / 2	DPMP		RF
229 /375 8	Roadway Subgrade: CTS, STA 14 + 00 on Tapeats Dr., southbound lane.	-	At Grade	04/29/2026	P8 (CTS)	9.1	125.2	98	95	-2 / 2	DPMP		RF
230 /375 9	Roadway Subgrade: CTS, STA 11 + 00 on Tapeats Dr., southbound lane.	-	At Grade	04/29/2026	P8 (CTS)	8.6	123.4	97	95	-2 / 2	DPMP		RF
231 /376 0	Roadway Subgrade: CTS, STA 10 + 25 on Tapeats Dr., northbound lane.	-	At Grade	04/29/2026	P8 (CTS)	8.4	124.1	97	95	-2 / 2	DPMP		RF
232 /376 1	Roadway Subgrade: CTS, STA 13 + 00 on Tapeats Dr., northbound lane.	-	At Grade	04/29/2026	P8 (CTS)	8.4	124.8	98	95	-2 / 2	DPMP		RF

Remarks

DP/MP : Density Pass / Moisture Pass

Comments

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



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Soil Density Report

Client:

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San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, CO

Proctor Data

Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)
P4	ASTM D1557 - B	SC	8.2	124.7
P6	ASTM D1557 - A	SM	8.2	126.8
P3	ASTM D1557 - B	SW	7.5	125.8
P2	ASTM D1557 - A	ML	10.1	120.1
P8 (CTS)		SC	7.1	127.5
P5	ASTM D1557 - A	SM	11.3	120.5

05/04/2026

Reviewed by: Joey Goode, PE



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
233 /376 2	Roadway Subgrade: CTS, STA 51 + 00 on Sunrise Ridge Dr., eastbound lane.	-	At Grade	05/04/2026	P8 (CTS)	7.6	123.9	97	95	-2 / 2	DPMP		RF
234 /376 3	Roadway Subgrade: CTS, STA 54 + 00 on Sunrise Ridge Dr., eastbound lane.	-	At Grade	05/04/2026	P8 (CTS)	8.9	124.4	98	95	-2 / 2	DPMP		RF
235 /376 4	Roadway Subgrade: CTS, STA 57 + 00 on Sunrise Ridge Dr., eastbound lane.	-	At Grade	05/04/2026	P8 (CTS)	8.8	122.1	96	95	-2 / 2	DPMP		RF
236 /376 5	Roadway Subgrade: CTS, STA 60 + 00 on Sunrise Ridge Dr., eastbound lane.	-	At Grade	05/04/2026	P8 (CTS)	7.8	124.3	98	95	-2 / 2	DPMP		RF
237 /376 6	Roadway Subgrade: CTS, STA 63 + 00 on Sunrise Ridge Dr., eastbound lane.	-	At Grade	05/04/2026	P8 (CTS)	9.0	124.2	97	95	-2 / 2	DPMP		RF
238 /376 7	Roadway Subgrade: CTS, STA 65 + 00 Sunrise Ridge Dr., westbound lane.	-	At Grade	05/04/2026	P8 (CTS)	8.6	124.7	98	95	-2 / 2	DPMP		RF
239 /376 8	Roadway Subgrade: CTS, STA 62 + 00 on Sunrise Ridge Dr., westbound lane.	-	At Grade	05/04/2026	P8 (CTS)	7.5	123.9	97	95	-2 / 2	DPMP		RF
240 /376 9	Roadway Subgrade: CTS, STA 59 + 00 on Sunrise Ridge Dr., westbound lane.	-	At Grade	05/04/2026	P8 (CTS)	8.7	122.4	96	95	-2 / 2	DPMP		RF
241 /377 0	Roadway Subgrade: CTS, STA 56 + 00 on Sunrise Ridge Dr., westbound lane.	-	At Grade	05/04/2026	P8 (CTS)	8.7	123.4	97	95	-2 / 2	DPMP		RF
242 /377 1	Roadway Subgrade: CTS, STA 51 + 25 on Sunrise Ridge Dr., westbound lane.	-	At Grade	05/04/2026	P8 (CTS)	8.9	124.1	97	95	-2 / 2	DPMP		RF
243 /377 2	Roadway Subgrade: CTS, STA 53 + 00 on Sunrise Ridge Dr., westbound lane.	-	At Grade	05/04/2026	P8 (CTS)	9.0	121.5	95	95	-2 / 2	DPMP		RF
244 /377 3	Roadway Subgrade: CTS, STA 15 + 75 on Bright Angel Dr., southbound lane.	-	At Grade	05/04/2026	P8 (CTS)	8.9	123.6	97	95	-2 / 2	DPMP		RF
245 /377 4	Roadway Subgrade: CTS, STA 16 + 25 on Bright Angel Dr., northbound lane.	-	At Grade	05/04/2026	P8 (CTS)	7.6	125.5	98	95	-2 / 2	DPMP		RF
246 /377 5	Roadway Subgrade: CTS, STA 33 + 50 on Galeros Dr., southbound lane.	-	At Grade	05/04/2026	P8 (CTS)	7.6	122.6	96	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
247 /377 6	Roadway Subgrade: CTS, STA 34 + 75 on Galeros Dr., northbound lane.	-	At Grade	05/04/2026	P8 (CTS)	8.3	125.1	98	95	-2 / 2	DPMP		RF

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)
P8 (CTS)		SC	7.1	127.5

05/13/2026

Reviewed by: Joey Goode, PE



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Soil Density Report

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
50 /377 7	Sidewalk Subgrade: STA 51 + 35 south side of Sunrise Ridge Dr.	-	At Grade	05/19/2026	P4	8.6	120.2	96	95	-2 / 2	DPMP		RF
51 /377 8	Sidewalk Subgrade: STA 50 + 80 north side of Sunrise Ridge Dr.	-	At Grade	05/19/2026	P4	9.3	118.7	95	95	-2 / 2	DPMP		RF

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 - B	SC	8.2	124.7

06/04/2026

Reviewed by: Joey Goode, PE



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Project:

250235
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Rolling Hills Ranch North F1
Peyton, 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
52 /377 9	Sidewalk Subgrade: STA 64 + 85 south side of Sunrise Ridge Dr.	-	At Grade	06/11/2026	P3	5.6	121.6	97	95	-2 / 2	DPMP		RF
53 /378 0	Sidewalk Subgrade: STA 31 + 20 east side of Galeros Dr.	-	At Grade	06/11/2026	P4	6.4	121.1	97	95	-2 / 2	DPMP		RF
54 /378 1	Sidewalk Subgrade: STA 30 + 00 east side of Galeros Dr.	-	At Grade	06/11/2026	P4	6.5	120.9	97	95	-2 / 2	DPMP		RF
55 /378 2	Sidewalk Subgrade: STA 28 + 50 east side of Galeros Dr.	-	At Grade	06/11/2026	P4	7.3	122.2	98	95	-2 / 2	DPMP		RF
56 /378 3	Sidewalk Subgrade: STA 27 + 00 east side of Galeros Dr.	-	At Grade	06/11/2026	P4	7.6	118.3	95	95	-2 / 2	DPMP		RF
57 /378 4	Sidewalk Subgrade: STA 25 + 50 south side of Horn Hill Dr.	-	At Grade	06/11/2026	P4	6.4	121.4	97	95	-2 / 2	DPMP		RF
58 /378 5	Sidewalk Subgrade: STA 24 + 00 south side of Horn Hill Dr.	-	At Grade	06/11/2026	P4	6.6	122.3	98	95	-2 / 2	DPMP		RF
59 /378 6	Sidewalk Subgrade: STA 22 + 50 south side of Horn Hill Dr.	-	At Grade	06/11/2026	P4	6.7	122.3	98	95	-2 / 2	DPMP		RF
60 /378 7	Sidewalk Subgrade: STA 21 + 00 south side of Horn Hill Dr.	-	At Grade	06/11/2026	P4	6.3	122.7	98	95	-2 / 2	DPMP		RF
61 /378 8	Sidewalk Subgrade: STA 19 + 50 south side of Horn Hill Dr.	-	At Grade	06/11/2026	P4	6.4	119.6	96	95	-2 / 2	DPMP		RF
62 /378 9	Sidewalk Subgrade: STA 18 + 00 south side of Horn Hill Dr.	-	At Grade	06/11/2026	P4	7.2	119.3	96	95	-2 / 2	DPMP		RF
63 /379 0	Sidewalk Subgrade: STA 16 + 50 south side of Horn Hill Dr.	-	At Grade	06/11/2026	P4	6.7	120.8	97	95	-2 / 2	DPMP		RF
64 /379 1	Sidewalk Subgrade: STA 15 + 00 south side of Horn Hill Dr.	-	At Grade	06/11/2026	P4	6.6	121.5	97	95	-2 / 2	DPMP		RF

Remarks

DP/MP : Density Pass / Moisture Pass

Comments

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



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Soil Density Report

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, CO

Proctor Data

Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)
P3	ASTM D1557 - B	SW	7.5	125.8
P4	ASTM D1557 - B	SC	8.2	124.7

06/21/2026

Reviewed by: Joey Goode, PE



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Soil Density Report

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
65 /379 2	Sidewalk Subgrade: STA 13 + 50 west side of Redwall Dr.	-	At Grade	06/15/2026	P2	8.4	116.8	97	95	-2 / 2	DPMP		RF
66 /379 3	Sidewalk Subgrade: STA 12 + 00 west side of Redwall Dr.	-	At Grade	06/15/2026	P2	8.6	115.8	96	95	-2 / 2	DPMP		RF
67 /379 4	Sidewalk Subgrade: STA 10 + 75 west side of Redwall Dr.	-	At Grade	06/15/2026	P4	8.4	119.8	96	95	-2 / 2	DPMP		RF
68 /379 5	Sidewalk Subgrade: STA 52 + 50 north side of Sunrise Ridge Dr.	-	At Grade	06/15/2026	P4	8.2	119.7	96	95	-2 / 2	DPMP		RF
69 /379 6	Sidewalk Subgrade: STA 54 + 00 north side of Sunrise Ridge Dr.	-	At Grade	06/15/2026	P4	7.7	117.9	95	95	-2 / 2	DPMP		RF
70 /379 7	Sidewalk Subgrade: STA 55 + 50 north side of Sunrise Ridge Dr.	-	At Grade	06/15/2026	P4	7.2	120.2	96	95	-2 / 2	DPMP		RF
71 /379 8	Sidewalk Subgrade: STA 57 + 00 north side of Sunrise Ridge Dr.	-	At Grade	06/15/2026	P4	7.6	121.1	97	95	-2 / 2	DPMP		RF
72 /379 9	Sidewalk Subgrade: STA16 + 00 west side of Bright Angel Dr.	-	At Grade	06/16/2026	P3	5.8	120.9	96	95	-2 / 2	DPMP		RF
73 /380 0	Sidewalk Subgrade: STA 16 + 25 east side of Bright Angel Dr.	-	At Grade	06/16/2026	P3	5.9	121.4	97	95	-2 / 2	DPMP		RF
74 /380 1	Sidewalk Subgrade: STA 58 + 50 north side of Sunrise Ridge Dr.	-	At Grade	06/16/2026	P3	5.6	120.5	96	95	-2 / 2	DPMP		RF
75 /380 2	Sidewalk Subgrade: STA 60 + 00 north side of Sunrise Ridge Dr.	-	At Grade	06/16/2026	P3	5.7	119.7	95	95	-2 / 2	DPMP		RF
76 /380 3	Sidewalk Subgrade: STA 61 + 50 north side of Sunrise Ridge Dr.	-	At Grade	06/16/2026	P4	6.3	119.4	96	95	-2 / 2	DPMP		RF
77 /380 4	Sidewalk Subgrade: STA 63 + 00 north side of Sunrise Ridge Dr.	-	At Grade	06/16/2026	P4	6.3	121.3	97	95	-2 / 2	DPMP		RF
78 /380 5	Sidewalk Subgrade: STA 32 + 75 west side of Galeros Dr.	-	At Grade	06/17/2026	P4	6.6	121.1	97	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
79 /380 6	Sidewalk Subgrade: STA 33 + 00 east side of Galeros Dr.	-	At Grade	06/17/2026	P4	7.1	120.4	97	95	-2 / 2	DPMP		RF
80 /380 7	Sidewalk Subgrade: STA 64 + 70 north side of Sunrise Ridge Dr.	-	At Grade	06/17/2026	P4	7.1	122.2	98	95	-2 / 2	DPMP		RF
81 /380 8	Sidewalk Subgrade: STA 62 + 00 south side of Sunrise Ridge Dr.	-	At Grade	06/17/2026	P4	7.5	120.3	97	95	-2 / 2	DPMP		RF
82 /380 9	Sidewalk Subgrade: STA 63 + 50 south side of Sunrise Ridge Dr.	-	At Grade	06/17/2026	P4	6.5	119.7	96	95	-2 / 2	DPMP		RF
83 /381 0	Sidewalk Subgrade: STA 31 + 00 west side of Galeros Dr.	-	At Grade	06/17/2026	P4	6.8	121.9	98	95	-2 / 2	DPMP		RF
84 /381 1	Sidewalk Subgrade: STA 29 + 50 west side of Galeros Dr.	-	At Grade	06/17/2026	P4	7.3	119.2	96	95	-2 / 2	DPMP		RF
85 /381 2	Sidewalk Subgrade: STA 28 + 00 west side of Galeros Dr.	-	At Grade	06/17/2026	P4	6.3	120.4	97	95	-2 / 2	DPMP		RF
86 /381 3	Sidewalk Subgrade: STA 14 + 10 east side of Tapeats Dr.	-	At Grade	06/17/2026	P5	9.4	117.2	97	95	-2 / 2	DPMP		RF
87 /381 4	Sidewalk Subgrade: STA 12 + 50 east side of Tapeats Dr.	-	At Grade	06/17/2026	P5	9.6	116.2	96	95	-2 / 2	DPMP		RF
88 /381 5	Sidewalk Subgrade: STA 11 + 00 east side of Tapeats Dr.	-	At Grade	06/17/2026	P5	9.5	116.0	96	95	-2 / 2	DPMP		RF
89 /381 6	Sidewalk Subgrade: STA 24 + 50 north side of Horn Hill Dr.	-	At Grade	06/17/2026	P4	7.6	119.6	96	95	-2 / 2	DPMP		RF
90 /381 7	Sidewalk Subgrade: STA 26 + 00 north side of Horn Hill Dr.	-	At Grade	06/17/2026	P4	7.1	119.1	96	95	-2 / 2	DPMP		RF
91 /381 8	Sidewalk Subgrade: STA 60+ 50 south side of Sunrise Ridge Dr.	-	At Grade	06/18/2026	P3	5.6	121.5	97	95	-2 / 2	DPMP		RF
92 /381 9	Sidewalk Subgrade: STA 59 + 00 south side of Sunrise Ridge Dr.	-	At Grade	06/18/2026	P3	5.8	121.8	97	95	-2 / 2	DPMP		RF
93 /382 0	Sidewalk Subgrade: STA 14 + 00 east side of Bright Angel Dr.	-	At Grade	06/18/2026	P4	6.8	119.5	96	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
94 /382 1	Sidewalk Subgrade: STA 12 + 50 east side of Bright Angel Dr.	-	At Grade	06/18/2026	P7	12.8	108.4	97	95	-1 / 3	DPMP		RF
95 /382 2	Sidewalk Subgrade: STA 11 + 00 east side of Bright Angel Dr.	-	At Grade	06/18/2026	P4	6.4	120.6	97	95	-2 / 2	DPMP		RF
96 /382 3	Sidewalk Subgrade: STA 14 + 60 west side of Tapeats Dr.	-	At Grade	06/19/2026	P5	9.4	115.4	96	95	-2 / 2	DPMP		RF
97 /382 4	Sidewalk Subgrade: STA 13 + 00 west side of Tapeats Dr.	-	At Grade	06/19/2026	P5	9.7	116.0	96	95	-2 / 2	DPMP		RF
98 /382 5	Sidewalk Subgrade: STA 11 + 50 west side of Tapeats Dr.	-	At Grade	06/19/2026	P5	9.3	116.4	97	95	-2 / 2	DPMP		RF
99 /382 6	Sidewalk Subgrade: STA 23 + 40 north side of Horn Hill Dr.	-	At Grade	06/19/2026	P4	6.6	120.2	96	95	-2 / 2	DPMP		RF
100 /382 7	Sidewalk Subgrade: STA 22 + 00 north side of Horn Hill Dr.	-	At Grade	06/19/2026	P4	7.7	119.8	96	95	-2 / 2	DPMP		RF

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 D1557 - A	ML	10.1	120.1
P4	ASTM D1557 - B	SC	8.2	124.7
P3	ASTM D1557 - B	SW	7.5	125.8
P5	ASTM D1557 - A	SM	11.3	120.5
P7	ASTM D698 - A	CL	13.7	111.8

06/23/2026

Reviewed by: Joey Goode, PE



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

Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
101 /3828	Sidewalk Subgrade: STA 14 + 50 west side of Bright Angel Dr.	-	At Grade	06/22/2026	P4	6.9	122.2	98	95	-2 / 2	DPMP		RF
102 /3829	Sidewalk Subgrade: STA 13 + 00 west side of Bright Angel Dr.	-	At Grade	06/22/2026	P4	6.6	122.0	98	95	-2 / 2	DPMP		RF
103 /3830	Sidewalk Subgrade: STA 11 + 50 west side of Bright Angel Dr.	-	At Grade	06/22/2026	P7	12.8	109.9	98	95	-1 / 3	DPMP		RF
104 /3831	Sidewalk Subgrade: STA 20 + 50 north side of Horn Hill Dr.	-	At Grade	06/22/2026	P4	7.4	120.4	97	95	-2 / 2	DPMP		RF
105 /3832	Sidewalk Subgrade: STA 19 + 00 north side of Horn Hill Dr.	-	At Grade	06/22/2026	P4	6.4	122.7	98	95	-2 / 2	DPMP		RF
106 /3833	Sidewalk Subgrade: STA 10 + 50 east side of Temple Butte Dr.	-	At Grade	06/22/2026	P4	6.4	122.3	98	95	-2 / 2	DPMP		RF
107 /3834	Sidewalk Subgrade: STA 12 + 00 east side of Temple Butte Dr.	-	At Grade	06/22/2026	P4	7.1	121.2	97	95	-2 / 2	DPMP		RF
108 /3835	Sidewalk Subgrade: STA 13 + 50 east side of Temple Butte Dr.	-	At Grade	06/22/2026	P4	6.7	122.3	98	95	-2 / 2	DPMP		RF
109 /3836	Sidewalk Subgrade: STA 55 + 50 south side of Sunrise Ridge Dr.	-	At Grade	06/22/2026	P4	6.5	120.8	97	95	-2 / 2	DPMP		RF
110 /3837	Sidewalk Subgrade: STA 57 + 00 south side of Sunrise Ridge Dr.	-	At Grade	06/22/2026	P4	7.9	122.6	98	95	-2 / 2	DPMP		RF
111 /3838	Sidewalk Subgrade: STA 52 + 75 south side of Sunrise Ridge Dr.	-	At Grade	06/24/2026	P4	6.4	121.3	97	95	-2 / 2	DPMP		RF
112 /3839	Sidewalk Subgrade: STA 54 + 40 south side of Sunrise Ridge Dr.	-	At Grade	06/24/2026	P4	7.6	120.8	97	95	-2 / 2	DPMP		RF
113 /3840	Sidewalk Subgrade: STA 10 + 60 east side of Redwall Dr.	-	At Grade	06/25/2026	P4	6.2	121.4	97	95	-2 / 2	DPMP		RF
114 /3841	Sidewalk Subgrade: STA 12 + 00 east side of Redwall Dr.	-	At Grade	06/25/2026	P2	8.8	115.9	97	95	-2 / 2	DPMP		RF



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Soil Density Report

Client:

Tech Contractors
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San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
115 /384 2	Sidewalk Subgrade: STA 13 + 50 east side of Redwall Dr.	-	At Grade	06/25/2026	P2	8.2	116.1	97	95	-2 / 2	DPMP		RF
116 /384 3	Sidewalk Subgrade: STA 15 + 50 north side of Horn Hill Dr.	-	At Grade	06/25/2026	P4	7.3	121.3	97	95	-2 / 2	DPMP		RF
117 /384 4	Sidewalk Subgrade: STA 17 + 00 north side of Horn Hill Dr.	-	At Grade	06/25/2026	P4	8.5	120.9	97	95	-2 / 2	DPMP		RF
118 /384 5	Sidewalk Subgrade: STA 10 + 75 west side of Temple Butte Dr.	-	At Grade	06/25/2026	P4	8.1	121.4	97	95	-2 / 2	DPMP		RF
119 /384 6	Sidewalk Subgrade: STA 12 + 00 west side of Temple Butte Dr.	-	At Grade	06/25/2026	P4	7.7	121.0	97	95	-2 / 2	DPMP		RF
120 /384 7	Sidewalk Subgrade: STA 13 + 50 west side of Temple Butte Dr.	-	At Grade	06/25/2026	P4	8.1	120.7	97	95	-2 / 2	DPMP		RF

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 - B	SC	8.2	124.7
P7	ASTM D698 - A	CL	13.7	111.8
P2	ASTM D1557 - A	ML	10.1	120.1

07/07/2026

Reviewed by: Joey Goode, PE



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Soil Density Report

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
1 / 1	Sanitary Sewer: Manhole 16, STA 27 + 56 on Shelter Creek Dr.	10	Below Grade	02/25/2025	P1	10.2	125.2	98	98	-2 / 2	DPMP		RF
2 / 2	Sanitary Sewer: Service, Lot 224, on House Rock Rd.	10	Below Grade	02/25/2025	P1	10.1	125.2	98	98	-2 / 2	DPMP		RF
3 / 3	Sanitary Sewer: Service, Lot 142 on House Rock Rd.	10	Below Grade	02/25/2025	P1	9.3	125.4	98	98	-2 / 2	DPMP		RF
4 / 4	Sanitary Sewer: Service, Lot 225, on House Rock Rd.	10	Below Grade	02/25/2025	P1	9.3	125.3	98	98	-2 / 2	DPMP		RF
5 / 5	Sanitary Sewer: Main, STA 24 + 00 on House Rock Rd.	10	Below Grade	02/25/2025	P1	10.3	124.9	98	98	-2 / 2	DPMP		RF
6 / 6	Sanitary Sewer: Service, Lot 142 on House Rock Dr.	8	Below Grade	02/25/2025	P1	8.9	121.1	95	95	-2 / 2	DPMP		RF
7 / 7	Sanitary Sewer: Service, Lot 224 on House Rock Dr.	8	Below Grade	02/25/2025	P1	9.7	120.6	95	95	-2 / 2	DPMP		RF
8 / 8	Sanitary Sewer: Service, Lot 225 on House Rock Dr.	8	Below Grade	02/25/2025	P1	9.7	120.6	95	95	-2 / 2	DPMP		RF
9 / 9	Sanitary Sewer: Main, STA 24 + 00 on House Rock Dr.	8	Below Grade	02/25/2025	P1	9.3	120.7	95	95	-2 / 2	DPMP		RF
10 / 10	Sanitary Sewer: Manhole 22, STA 23 + 37 on House Rock Dr.	10	Below Grade	02/25/2025	P1	10.3	124.7	98	95	-2 / 2	DPMP		RF
11 / 11	Sanitary Sewer: Service, Lot 142 on House Rock Dr.	6	Below Grade	02/25/2025	P1	9.8	120.6	95	95	-2 / 2	DPMP		RF
12 / 12	Sanitary Sewer: Service, Lot 224 on House Rock Dr.	6	Below Grade	02/25/2025	P1	9.6	121.4	95	95	-2 / 2	DPMP		RF
13 / 13	Sanitary Sewer: Main, STA 24 + 00 on House Rock Dr.	6	Below Grade	02/25/2025	P1	10.3	121.5	95	95	-2 / 2	DPMP		RF
14 / 14	Sanitary Sewer: Service, Lot 225 on House Rock Dr.	6	Below Grade	02/25/2025	P1	9.4	120.7	95	95	-2 / 2	DPMP		RF



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Soil Density Report

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
15 / 15	Sanitary Sewer: Manhole 22, STA 23 + 37 on House Rock Dr.	8	Below Grade	02/25/2025	P1	8.4	121.6	95	95	-2 / 2	DPMP		RF
16 / 16	Sanitary Sewer: Service, Lot 143 on House Rock Dr.	10	Below Grade	02/25/2025	P1	8.8	124.7	98	95	-2 / 2	DPMP		RF
17 / 17	Sanitary Sewer: Service, Lot 224 on House Rock Dr.	4	Below Grade	02/25/2025	P1	8.9	121.3	95	95	-2 / 2	DPMP		RF
18 / 18	Sanitary Sewer: Service, Lot 142 on House Rock Dr.	4	Below Grade	02/25/2025	P1	8.9	120.9	95	95	-2 / 2	DPMP		RF
19 / 19	Sanitary Sewer: Main, STA 24 + 00 on House Rock Dr.	4	Below Grade	02/25/2025	P1	8.6	121.3	95	95	-2 / 2	DPMP		RF
20 / 20	Sanitary Sewer: Service, Lot 142 on House Rock Dr.	2	Below Grade	02/25/2025	P1	9.2	120.7	95	95	-2 / 2	DPMP		RF
21 / 21	Sanitary Sewer: Main, STA 24 + 00 on House Rock Dr.	2	Below Grade	02/25/2025	P1	8.7	120.9	95	95	-2 / 2	DPMP		RF
22 / 22	Sanitary Sewer: Service, Lot 224 on House Rock Dr.	2	Below Grade	02/25/2025	P1	10.2	121.6	95	95	-2 / 2	DPMP		RF
23 / 23	Sanitary Sewer: Service, Lot 225 on House Rock Dr.	4	Below Grade	02/25/2025	P1	9.2	120.9	95	95	-2 / 2	DPMP		RF
24 / 24	Sanitary Sewer: Manhole 22, STA 23 + 37 on House Rock Dr.	6	Below Grade	02/25/2025	P1	8.7	121.1	95	95	-2 / 2	DPMP		RF
25 / 25	Sanitary Sewer: Service, Lot 143 on House Rock Dr.	8	Below Grade	02/25/2025	P1	10.0	121.4	95	95	-2 / 2	DPMP		RF
26 / 26	Sanitary Sewer: Service, Lot 143 on House Rock Dr.	6	Below Grade	02/25/2025	P1	9.3	120.8	95	95	-2 / 2	DPMP		RF
27 / 27	Sanitary Sewer: Service, Lot 143 on House Rock Dr.	4	Below Grade	02/26/2025	P1	9.5	120.8	95	95	-2 / 2	DPMP		RF
28 / 28	Sanitary Sewer: Service, Lot 225 on House Rock Dr.	2	Below Grade	02/26/2025	P1	9.7	120.7	95	95	-2 / 2	DPMP		RF
29 / 29	Sanitary Sewer: Service, Lot 143 on House Rock Dr.	2	Below Grade	02/26/2025	P1	9.2	122.3	96	95	-2 / 2	DPMP		RF



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Soil Density Report

Client:

Tech Contractors
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San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
30 / 30	Sanitary Sewer: Manhole 22, STA 23 + 37 on House Rock Dr.	4	Below Grade	02/26/2025	P1	10.3	120.6	95	95	-2 / 2	DPMP		RF
31 / 31	Sanitary Sewer: Service, Lot 226 on House Rock Dr.	10	Below Grade	02/26/2025	P1	8.4	124.3	98	95	-2 / 2	DPMP		RF
32 / 32	Sanitary Sewer: Service, Lot 226 on House Rock Dr.	8	Below Grade	02/26/2025	P1	9.2	120.8	95	95	-2 / 2	DPMP		RF
33 / 33	Sanitary Sewer: Service, Lot 226 on House Rock Dr.	6	Below Grade	02/26/2025	P1	8.9	121.3	95	95	-2 / 2	DPMP		RF
34 / 34	Sanitary Sewer: Service, Lot 226 on House Rock Dr.	4	Below Grade	02/27/2025	P1	8.9	120.6	95	95	-2 / 2	DPMP		RF
35 / 35	Sanitary Sewer: Service, Lot 227 on House Rock Dr.	10	Below Grade	02/27/2025	P1	7.9	124.3	98	98	-2 / 2	DPMP		RF
36 / 36	Sanitary Sewer: Service, Lot 144 on House Rock Dr.	10	Below Grade	02/27/2025	P1	7.1	124.4	98	98	-2 / 2	DPMP		RF
37 / 37	Sanitary Sewer: Manhole 22, STA 23 + 37 on House Rock Dr.	2	Below Grade	02/27/2025	P1	9.8	120.5	95	95	-2 / 2	DPMP		RF
38 / 38	Sanitary Sewer: Service, Lot 227 on House Rock Dr.	8	Below Grade	02/27/2025	P1	8.7	120.5	95	95	-2 / 2	DPMP		RF
39 / 39	Sanitary Sewer: Service, Lot 144 on House Rock Dr.	8	Below Grade	02/27/2025	P1	9.6	121.3	95	95	-2 / 2	DPMP		RF
40 / 40	Sanitary Sewer: Service, Lot 144 on House Rock Dr.	6	Below Grade	02/27/2025	P1	9.1	120.7	95	95	-2 / 2	DPMP		RF
41 / 41	Sanitary Sewer: Service, Lot 227 on House Rock Dr.	6	Below Grade	02/27/2025	P1	9.3	121.1	95	95	-2 / 2	DPMP		RF
42 / 42	Sanitary Sewer: Service, Lot 228 on House Rock Dr.	10	Below Grade	02/27/2025	P1	8.1	124.7	98	95	-2 / 2	DPMP		RF
43 / 43	Sanitary Sewer: Main, STA 22+ 00 on House Rock Dr.	10	Below Grade	02/27/2025	P1	8.2	125.2	98	95	-2 / 2	DPMP		RF
44 / 44	Sanitary Sewer: Service, Lot 145 on House Rock Dr.	10	Below Grade	02/27/2025	P1	9.6	124.8	98	95	-2 / 2	DPMP		RF



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Soil Density Report

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
45 / 45	Sanitary Sewer: Service, Lot 229 on House Rock Dr.	10	Below Grade	02/27/2025	P1	8.3	124.5	98	95	-2 / 2	DPMP		RF
46 / 46	Sanitary Sewer: Service, Lot 228 on House Rock Dr.	8	Below Grade	02/27/2025	P1	8.2	124.5	98	95	-2 / 2	DPMP		RF
47 / 47	Sanitary Sewer: Main, STA 22 + 00 on House Rock Dr.	8	Below Grade	02/27/2025	P1	8.3	120.6	95	95	-2 / 2	DPMP		RF
48 / 48	Sanitary Sewer: Service, Lot 145 on House Rock Dr.	8	Below Grade	02/27/2025	P1	8.8	120.8	95	95	-2 / 2	DPMP		RF
49 / 49	Sanitary Sewer: Service, Lot 229 on House Rock Dr.	8	Below Grade	02/27/2025	P1	10.3	120.6	95	95	-2 / 2	DPMP		RF
50 / 50	Sanitary Sewer: Service, Lot 146 on House Rock Dr.	10	Below Grade	02/28/2025	P1	9.1	125.1	98	98	-2 / 2	DPMP		RF
51 / 51	Sanitary Sewer: Service, Lot 229 on House Rock Dr.	6	Below Grade	02/28/2025	P1	10.3	120.5	95	95	-2 / 2	DPMP		RF
52 / 52	Sanitary Sewer: Service, Lot 145 on House Rock Dr.	6	Below Grade	02/28/2025	P1	9.1	120.6	95	95	-2 / 2	DPMP		RF
53 / 53	Sanitary Sewer: Main, STA 22 + 00 on House Rock Dr.	6	Below Grade	02/28/2025	P1	9.3	121.0	95	95	-2 / 2	DPMP		RF
54 / 54	Sanitary Sewer: Service, Lot 228 on House Rock Dr.	6	Below Grade	02/28/2025	P1	8.3	120.7	95	95	-2 / 2	DPMP		RF
55 / 55	Sanitary Sewer: Service, Lot 144 on House Rock Dr.	4	Below Grade	02/28/2025	P1	9.3	120.8	95	95	-2 / 2	DPMP		RF
56 / 56	Sanitary Sewer: Service, Lot 227 on House Rock Dr.	4	Below Grade	02/28/2025	P1	8.0	121.9	96	95	-2 / 2	DPMP		RF
57 / 57	Sanitary Sewer: Service, Lot 226 on House Rock Dr.	2	Below Grade	02/28/2025	P1	9.8	120.6	95	95	-2 / 2	DPMP		RF
58 / 58	Sanitary Sewer: Service, Lot 144 on House Rock Dr.	2	Below Grade	02/28/2025	P1	8.9	121.3	95	95	-2 / 2	DPMP		RF
59 / 59	Sanitary Sewer: Service, Lot 228 on House Rock Dr.	4	Below Grade	02/28/2025	P1	7.9	120.5	95	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
60 / 60	Sanitary Sewer: Service, Lot 145 on House Rock Dr.	4	Below Grade	02/28/2025	P1	9.7	121.6	95	95	-2 / 2	DPMP		RF
61 / 61	Sanitary Sewer: Main, STA 22 + 00 on House Rock Dr.	4	Below Grade	02/28/2025	P1	7.8	120.6	95	95	-2 / 2	DPMP		RF
62 / 62	Sanitary Sewer: Service, Lot 229 on House Rock Dr.	4	Below Grade	02/28/2025	P1	9.4	120.8	95	95	-2 / 2	DPMP		RF
63 / 63	Sanitary Sewer: Service, Lot 146 on House Rock Dr.	8	Below Grade	02/28/2025	P1	8.2	121.8	96	95	-2 / 2	DPMP		RF
64 / 64	Sanitary Sewer: Service, Lot 226 on House Rock Dr.	-	At Grade	03/01/2025	P1	7.3	121.3	95	95	-2 / 2	DPMP		RF
65 / 65	Sanitary Sewer: Manhole 22, STA 24 + 37 on House Rock Dr.	-	At Grade	03/01/2025	P1	7.8	120.8	95	95	-2 / 2	DPMP		RF
66 / 66	Sanitary Sewer: Service, Lot 225 on House Rock Dr.	-	At Grade	03/01/2025	P1	8.2	121.6	95	95	-2 / 2	DPMP		RF
67 / 67	Sanitary Sewer: Main, STA 24 + 00 on House Rock Dr.	-	At Grade	03/01/2025	P1	8.8	122.5	96	95	-2 / 2	DPMP		RF
68 / 68	Sanitary Sewer: Service, Lot 142 on House Rock Dr.	-	At Grade	03/01/2025	P1	7.6	122.6	96	95	-2 / 2	DPMP		RF
69 / 69	Sanitary Sewer: Service, Lot 224 on House Rock Dr.	-	At Grade	03/01/2025	P1	8.9	120.6	95	95	-2 / 2	DPMP		RF
70 / 70	Sanitary Sewer: Service, Lot 227 on House Rock Dr.	2	Below Grade	03/01/2025	P1	8.3	120.7	95	95	-2 / 2	DPMP		RF
71 / 71	Sanitary Sewer: Service, Lot 228 on House Rock Dr.	2	Below Grade	03/01/2025	P1	8.5	121.1	95	95	-2 / 2	DPMP		RF
72 / 72	Sanitary Sewer: Main, STA 22 + 00 on House Rock Dr.	2	Below Grade	03/01/2025	P1	7.8	120.7	95	95	-2 / 2	DPMP		RF
73 / 73	Sanitary Sewer: Service, Lot 145 on House Rock Dr.	2	Below Grade	03/01/2025	P1	8.1	121.3	95	95	-2 / 2	DPMP		RF
74 / 74	Sanitary Sewer: Service, Lot 229 on House Rock Dr.	2	Below Grade	03/01/2025	P1	8.7	120.7	95	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
75 / 75	Sanitary Sewer: Service, Lot 146 on House Rock Dr.	6	Below Grade	03/01/2025	P1	8.7	121.1	95	95	-2 / 2	DPMP		RF
76 / 76	Sanitary Sewer: Manhole 23, STA 20 + 75 on House Rock Dr.	10	Below Grade	03/01/2025	P1	10.2	124.8	98	95	-2 / 2	DPMP		RF
77 / 77	Sanitary Sewer: Service, Lot 230 on House Rock Dr.	10	Below Grade	03/01/2025	P1	9.1	125.5	98	95	-2 / 2	DPMP		RF
78 / 78	Sanitary Sewer: Service, Lot 147 on House Rock Dr.	10	Below Grade	03/01/2025	P1	10.4	124.8	98	95	-2 / 2	DPMP		RF

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 D1557 - B	SC	8.5	127.5

03/07/2025

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
79 / 79	Sanitary Sewer: Service, Lot 146 on House Rock Dr.	4	Below Grade	03/03/2025	P1	10.0	120.7	95	95	-2 / 2	DPMP		RF
80 / 80	Sanitary Sewer: Service, Lot 230 on House Rock Dr.	8	Below Grade	03/03/2025	P1	9.8	121.2	95	95	-2 / 2	DPMP		RF
81 / 81	Sanitary Sewer: Service, Lot 147 on House Rock Dr.	8	Below Grade	03/03/2025	P1	9.2	122.3	96	95	-2 / 2	DPMP		RF
82 / 82	Sanitary Sewer: Service, Lot 231 on House Rock Dr.	10	Below Grade	03/03/2025	P1	9.4	124.7	98	98	-2 / 2	DPMP		RF
83 / 83	Sanitary Sewer: Manhole 23, STA 20 + 75 on House Rock Dr.	8	Below Grade	03/03/2025	P1	9.2	120.7	95	95	-2 / 2	DPMP		RF
84 / 84	Sanitary Sewer: Service, Lot 148 on House Rock Dr.	10	Below Grade	03/03/2025	P1	9.7	124.5	98	98	-2 / 2	DPMP		RF
85 / 85	Sanitary Sewer: Service, Lot 232 on House Rock Dr.	10	Below Grade	03/03/2025	P1	9.4	124.8	98	98	-2 / 2	DPMP		RF
86 / 86	Sanitary Sewer: Service, Lot 149 on House Rock Dr.	10	Below Grade	03/03/2025	P1	9.5	124.3	98	98	-2 / 2	DPMP		RF
87 / 87	Sanitary Sewer: Service, Lot 231 on House Rock Dr.	8	Below Grade	03/03/2025	P1	9.3	120.7	95	95	-2 / 2	DPMP		RF
88 / 88	Sanitary Sewer: Service, Lot 148 on House Rock Dr.	8	Below Grade	03/03/2025	P1	8.7	121.5	95	95	-2 / 2	DPMP		RF
89 / 89	Sanitary Sewer: Service, Lot 232 on House Rock Dr.	8	Below Grade	03/03/2025	P1	9.4	121.8	96	95	-2 / 2	DPMP		RF
90 / 90	Sanitary Sewer: Service, Lot 149 on House Rock Dr.	8	Below Grade	03/03/2025	P1	9.5	121.4	95	95	-2 / 2	DPMP		RF
91 / 91	Sanitary Sewer: Service, Lot 143 on House Rock Dr.	-	At Grade	03/03/2025	P1	8.3	120.7	95	95	-2 / 2	DPMP		RF
92 / 92	Sanitary Sewer: Service, Lot 144 on House Rock Dr.	-	At Grade	03/03/2025	P1	9.4	121.6	95	95	-2 / 2	DPMP		RF



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

Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
93 / 93	Sanitary Sewer: Service, Lot 227 on House Rock Dr.	-	At Grade	03/03/2025	P1	10.1	120.7	95	95	-2 / 2	DPMP		RF
94 / 94	Sanitary Sewer: Service, Lot 228 on House Rock Dr.	-	At Grade	03/03/2025	P1	9.3	120.9	95	95	-2 / 2	DPMP		RF
95 / 95	Sanitary Sewer: Main, STA 22 + 00 on House Rock Dr.	-	At Grade	03/03/2025	P1	8.6	121.2	95	95	-2 / 2	DPMP		RF
96 / 96	Sanitary Sewer: Service, Lot 145 on House Rock Dr.	-	At Grade	03/03/2025	P1	8.1	121.7	96	95	-2 / 2	DPMP		RF
97 / 97	Sanitary Sewer: Service, Lot 146 on House Rock Dr.	2	Below Grade	03/03/2025	P1	9.5	121.1	95	95	-2 / 2	DPMP		RF
98 / 98	Sanitary Sewer: Service, Lot 230 on House Rock Dr.	6	Below Grade	03/03/2025	P1	8.6	121.2	95	95	-2 / 2	DPMP		RF
99 / 99	Sanitary Sewer: Service, Lot 147 on House Rock Dr.	6	Below Grade	03/03/2025	P1	9.6	120.7	95	95	-2 / 2	DPMP		RF
100 / 100	Sanitary Sewer: Manhole 23, STA 20 + 75 on House Rock Dr.	6	Below Grade	03/03/2025	P1	10.0	120.9	95	95	-2 / 2	DPMP		RF
101 / 101	Sanitary Sewer: Service, Lot 148 on House Rock Dr.	6	Below Grade	03/03/2025	P1	9.5	121.5	95	95	-2 / 2	DPMP		RF
102 / 102	Sanitary Sewer: Manhole 23, 20 + 75 House Rock Dr.	4	Below Grade	03/03/2025	P1	8.5	121.4	95	95	-2 / 2	DPMP		RF
103 / 103	Sanitary Sewer: Service, Lot 231 on House Rock Dr.	6	Below Grade	03/03/2025	P1	8.5	120.7	95	95	-2 / 2	DPMP		RF
104 / 104	Sanitary Sewer: Service, Lot 232 on House Rock Dr.	6	Below Grade	03/03/2025	P1	8.9	121.0	95	95	-2 / 2	DPMP		RF
105 / 105	Sanitary Sewer: Service, Lot 149 on House Rock Dr.	6	Below Grade	03/03/2025	P1	8.4	120.8	95	95	-2 / 2	DPMP		RF
106 / 106	Sanitary Sewer: Service, Lot 233 on House Rock Dr.	10	Below Grade	03/03/2025	P1	8.8	124.3	98	98	-2 / 2	DPMP		RF
107 / 107	Sanitary Sewer: Main, STA 19 + 50 on House Rock Dr.	10	Below Grade	03/03/2025	P1	8.9	124.9	98	98	-2 / 2	DPMP		RF



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Soil Density Report

Client:

Tech Contractors
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San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
108 /108	Sanitary Sewer: Service, Lot 150 on House Rock Dr.	10	Below Grade	03/03/2025	P1	8.8	125.3	98	98	-2 / 2	DPMP		RF
109 /109	Sanitary Sewer: Service, Lot 151 on House Rock Dr.	10	Below Grade	03/03/2025	P1	9.3	124.3	98	98	-2 / 2	DPMP		RF
110 /110	Sanitary Sewer: Service, Lot 234 on House Rock Dr.	10	Below Grade	03/03/2025	P1	9.4	124.3	98	98	-2 / 2	DPMP		RF
111 /111	Sanitary Sewer: Service, Lot 235 on House Rock Dr.	10	Below Grade	03/03/2025	P1	8.5	124.3	98	98	-2 / 2	DPMP		RF
112 /112	Sanitary Sewer: Service, Lot 152 on House Rock Dr.	10	Below Grade	03/03/2025	P1	9.2	124.6	98	98	-2 / 2	DPMP		RF
113 /113	Sanitary Sewer: Main, STA 19 + 50 on House Rock Dr.	8	Below Grade	03/05/2025	P1	9.5	120.8	95	95	-2 / 2	DPMP		RF
114 /114	Sanitary Sewer: Service, Lot 233 on House Rock Dr.	8	Below Grade	03/05/2025	P1	9.4	121.3	95	95	-2 / 2	DPMP		RF
115 /115	Sanitary Sewer: Service, Lot 150 on House Rock Dr.	8	Below Grade	03/05/2025	P1	9.1	121.3	95	95	-2 / 2	DPMP		RF
116 /116	Sanitary Sewer: Service, Lot 234 on House Rock Dr.	8	Below Grade	03/05/2025	P1	9.4	120.5	95	95	-2 / 2	DPMP		RF
117 /117	Sanitary Sewer: Service, Lot 151 on House Rock Dr.	8	Below Grade	03/05/2025	P1	9.0	121.4	95	95	-2 / 2	DPMP		RF
118 /118	Sanitary Sewer: Service, Lot 235 on House Rock Dr.	8	Below Grade	03/05/2025	P1	9.1	120.7	95	95	-2 / 2	DPMP		RF
119 /119	Sanitary Sewer: Service, Lot 152 on House Rock Dr.	8	Below Grade	03/05/2025	P1	9.8	121.0	95	95	-2 / 2	DPMP		RF
120 /120	Sanitary Sewer: Service, Lot 235 on House Rock Dr.	6	Below Grade	03/05/2025	P1	8.6	121.2	95	95	-2 / 2	DPMP		RF
121 /121	Sanitary Sewer: Service, Lot 152 on House Rock Dr.	6	Below Grade	03/05/2025	P1	9.3	120.8	95	95	-2 / 2	DPMP		RF
122 /122	Sanitary Sewer: Service, Lot 151 on House Rock Dr.	6	Below Grade	03/05/2025	P1	9.6	121.4	95	95	-2 / 2	DPMP		RF



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Soil Density Report

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
123 /123	Sanitary Sewer: Service, Lot 234 on House Rock Dr.	6	Below Grade	03/05/2025	P1	9.3	122.3	96	95	-2 / 2	DPMP		RF
124 /124	Sanitary Sewer: Service, Lot 150 on House Rock Dr.	6	Below Grade	03/05/2025	P1	9.3	120.8	95	95	-2 / 2	DPMP		RF
125 /125	Sanitary Sewer: Main, STA 19 + 50 on House Rock Dr.	6	Below Grade	03/05/2025	P1	10.1	120.6	95	95	-2 / 2	DPMP		RF
126 /126	Sanitary Sewer: Service, Lot 233 on House Rock Dr.	6	Below Grade	03/05/2025	P1	9.5	121.0	95	95	-2 / 2	DPMP		RF
127 /127	Sanitary Sewer: Service, Lot 149 on House Rock Dr.	4	Below Grade	03/05/2025	P1	9.8	121.2	95	95	-2 / 2	DPMP		RF
128 /128	Sanitary Sewer: Service, Lot 232 on House Rock Dr.	4	Below Grade	03/05/2025	P1	10.3	121.3	95	95	-2 / 2	DPMP		RF
129 /129	Sanitary Sewer: Service, Lot 148 on House Rock Dr.	4	Below Grade	03/05/2025	P1	9.7	120.8	95	95	-2 / 2	DPMP		RF
130 /130	Sanitary Sewer: Service, Lot 231 on House Rock Dr.	4	Below Grade	03/05/2025	P1	8.8	122.2	96	95	-2 / 2	DPMP		RF
131 /131	Sanitary Sewer: Service, Lot 147 on House Rock Dr.	4	Below Grade	03/05/2025	P1	9.6	121.2	95	95	-2 / 2	DPMP		RF
132 /132	Sanitary Sewer: Service, Lot 230 on House Rock Dr.	4	Below Grade	03/05/2025	P1	8.9	120.7	95	95	-2 / 2	DPMP		RF
133 /133	Sanitary Sewer: Service, Lot 230 on House Rock Dr.	2	Below Grade	03/06/2025	P1	9.1	120.8	95	95	-2 / 2	DPMP		RF
134 /134	Sanitary Sewer: Service, Lot 147 on House Rock Dr.	2	Below Grade	03/06/2025	P1	9.2	121.2	95	95	-2 / 2	DPMP		RF
135 /135	Sanitary Sewer: Manhole 23, STA 20 + 75 on House Rock Dr.	2	Below Grade	03/06/2025	P1	9.2	121.6	95	95	-2 / 2	DPMP		RF
136 /136	Sanitary Sewer: Service, Lot 231 on House Rock Dr.	2	Below Grade	03/06/2025	P1	9.5	120.7	95	95	-2 / 2	DPMP		RF
137 /137	Sanitary Sewer: Service, Lot 148 on House Rock Dr.	2	Below Grade	03/06/2025	P1	8.9	121.4	95	95	-2 / 2	DPMP		RF



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Soil Density Report

Client:

Tech Contractors
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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
138 /138	Sanitary Sewer: Service, Lot 232 on House Rock Dr.	2	Below Grade	03/06/2025	P1	8.9	121.0	95	95	-2 / 2	DPMP		RF
139 /139	Sanitary Sewer: Service, Lot 149 on House Rock Dr.	2	Below Grade	03/06/2025	P1	8.4	121.4	95	95	-2 / 2	DPMP		RF
140 /140	Sanitary Sewer: Service, Lot 233 on House Rock Dr.	4	Below Grade	03/06/2025	P1	9.1	121.5	95	95	-2 / 2	DPMP		RF
141 /141	Sanitary Sewer: Service, Lot 150 on House Rock Dr.	4	Below Grade	03/06/2025	P1	8.9	121.1	95	95	-2 / 2	DPMP		RF
142 /142	Sanitary Sewer: Main, STA 19 + 50 on House Rock Dr.	4	Below Grade	03/06/2025	P1	9.4	120.7	95	95	-2 / 2	DPMP		RF
143 /143	Sanitary Sewer: Service, Lot 234 on House Rock Dr.	4	Below Grade	03/06/2025	P1	9.5	121.2	95	95	-2 / 2	DPMP		RF
144 /144	Sanitary Sewer: Service, Lot 151 on House Rock Dr.	4	Below Grade	03/06/2025	P1	9.2	121.2	95	95	-2 / 2	DPMP		RF
145 /145	Sanitary Sewer: Service, Lot 152 on House Rock Dr.	4	Below Grade	03/06/2025	P1	9.1	120.9	95	95	-2 / 2	DPMP		RF
146 /146	Sanitary Sewer: Service, Lot 235 on House Rock Dr.	4	Below Grade	03/06/2025	P1	9.0	121.5	95	95	-2 / 2	DPMP		RF
147 /147	Sanitary Sewer: Service, Lot 150 on House Rock Dr.	2	Below Grade	03/07/2025	P1	9.1	120.6	95	95	-2 / 2	DPMP		RF
148 /148	Sanitary Sewer: Main, STA 19 + 50 on House Rock Dr.	2	Below Grade	03/07/2025	P1	9.5	121.7	96	95	-2 / 2	DPMP		RF
149 /149	Sanitary Sewer: Service, Lot 233 on House Rock Dr.	2	Below Grade	03/07/2025	P1	9.1	121.0	95	95	-2 / 2	DPMP		RF
150 /150	Sanitary Sewer: Service, Lot 151 on House Rock Dr.	2	Below Grade	03/07/2025	P1	8.9	120.9	95	95	-2 / 2	DPMP		RF
151 /151	Sanitary Sewer: Service, Lot 234 on House Rock Dr.	2	Below Grade	03/07/2025	P1	9.2	121.1	95	95	-2 / 2	DPMP		RF
152 /152	Sanitary Sewer: Service, Lot 235 on House Rock Dr.	2	Below Grade	03/07/2025	P1	8.8	121.7	96	95	-2 / 2	DPMP		RF



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Soil Density Report

Client:

Tech Contractors
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San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
153 /153	Sanitary Sewer: Service, Lot 152 on House Rock Dr.	2	Below Grade	03/07/2025	P1	9.9	120.8	95	95	-2 / 2	DPMP		RF
154 /154	Sanitary Sewer: Service, Lot 238 on House Rock Dr.	10	Below Grade	03/08/2025	P1	8.6	124.3	98	98	-2 / 2	DPMP		RF
155 /155	Sanitary Sewer: Service, Lot 155 on House Rock Dr.	10	Below Grade	03/08/2025	P1	8.5	124.3	98	98	-2 / 2	DPMP		RF
156 /156	Sanitary Sewer: Service, Lot 154 on House Rock Dr.	10	Below Grade	03/08/2025	P1	9.3	124.7	98	98	-2 / 2	DPMP		RF
157 /157	Sanitary Sewer: Service, Lot 237 on House Rock Dr.	10	Below Grade	03/08/2025	P1	9.1	124.3	98	98	-2 / 2	DPMP		RF
158 /158	Sanitary Sewer: Service, Lot 153 on House Rock Dr.	10	Below Grade	03/08/2025	P1	8.5	125.4	98	98	-2 / 2	DPMP		RF
159 /159	Sanitary Sewer: Main, STA 18 + 00 on House Rock Dr.	10	Below Grade	03/08/2025	P1	9.1	125.5	98	98	-2 / 2	DPMP		RF
160 /160	Sanitary Sewer: Service, Lot 236 on House Rock Dr.	10	Below Grade	03/08/2025	P1	9.5	124.6	98	98	-2 / 2	DPMP		RF

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 D1557 - B	SC	8.5	127.5

03/13/2025

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
161 /161	Sanitary Sewer: Service, Lot 236 on House Rock Dr.	8	Below Grade	03/11/2025	P1	8.1	120.6	95	95	-2 / 2	DPMP		RF
162 /162	Sanitary Sewer: Service, Lot 153 on House Rock Dr.	8	Below Grade	03/11/2025	P1	8.6	121.1	95	95	-2 / 2	DPMP		RF
163 /163	Sanitary Sewer: Main, STA 18 + 00 on House Rock Dr.	8	Below Grade	03/11/2025	P1	8.8	120.7	95	95	-2 / 2	DPMP		RF
164 /164	Sanitary Sewer: Service, Lot 154 on House Rock Dr.	8	Below Grade	03/11/2025	P1	9.4	120.8	95	95	-2 / 2	DPMP		RF
165 /165	Sanitary Sewer: Service, Lot 237 on House Rock Dr.	8	Below Grade	03/11/2025	P1	9.1	120.6	95	95	-2 / 2	DPMP		RF
166 /166	Sanitary Sewer: Service, Lot 155 on House Rock Dr.	8	Below Grade	03/11/2025	P1	9.8	121.4	95	95	-2 / 2	DPMP		RF
167 /167	Sanitary Sewer: Service, Lot 238 on House Rock Dr.	8	Below Grade	03/11/2025	P1	8.9	120.8	95	95	-2 / 2	DPMP		RF
168 /168	Sanitary Sewer: Service, Lot 156 on House Rock Dr.	10	Below Grade	03/11/2025	P1	9.6	124.9	98	98	-2 / 2	DPMP		RF
169 /169	Sanitary Sewer: Main, STA 16 + 50 on House Rock Dr.	10	Below Grade	03/11/2025	P1	9.2	124.4	98	98	-2 / 2	DPMP		RF
170 /170	Sanitary Sewer: Service, Lot 239 on House Rock Dr.	10	Below Grade	03/11/2025	P1	9.1	124.8	98	98	-2 / 2	DPMP		RF
171 /171	Sanitary Sewer: Service, Lot 157 on House Rock Dr.	10	Below Grade	03/11/2025	P1	9.3	124.3	98	98	-2 / 2	DPMP		RF
172 /172	Sanitary Sewer: Manhole 24, STA 15 + 87 on House Rock Dr.	10	Below Grade	03/11/2025	P1	8.6	124.8	98	98	-2 / 2	DPMP		RF
173 /173	Sanitary Sewer: Service, Lot 158 on House Rock Dr.	10	Below Grade	03/11/2025	P1	9.1	124.6	98	98	-2 / 2	DPMP		RF
174 /174	Sanitary Sewer: Service, Lot 159 on House Rock Dr.	10	Below Grade	03/11/2025	P1	8.7	125.1	98	98	-2 / 2	DPMP		RF



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175 /175	Sanitary Sewer: Service, Lot 147 on House Rock Dr.	-	At Grade	03/12/2025	P1	8.1	120.8	95	95	-2 / 2	DPMP		RF
176 /176	Sanitary Sewer: Service, Lot 148 on House Rock Dr.	-	At Grade	03/12/2025	P1	8.1	121.5	95	95	-2 / 2	DPMP		RF
177 /177	Sanitary Sewer: Service, Lot 149 on House Rock Dr.	-	At Grade	03/12/2025	P1	8.7	120.7	95	95	-2 / 2	DPMP		RF
178 /178	Sanitary Sewer: Manhole 23, STA 20 + 75 on House Rock Dr.	-	At Grade	03/12/2025	P1	8.5	121.5	95	95	-2 / 2	DPMP		RF
179 /179	Sanitary Sewer: Service, Lot 230 on House Rock Dr.	-	At Grade	03/12/2025	P1	8.8	120.6	95	95	-2 / 2	DPMP		RF
180 /180	Sanitary Sewer: Service, Lot 231 on House Rock Dr.	-	At Grade	03/12/2025	P1	8.4	120.9	95	95	-2 / 2	DPMP		RF
181 /181	Sanitary Sewer: Service, Lot 232 on House Rock Dr.	-	At Grade	03/12/2025	P1	8.9	121.7	96	95	-2 / 2	DPMP		RF
182 /182	Sanitary Sewer: Service, Lot 153 on House Rock Dr.	6	Below Grade	03/12/2025	P1	9.4	121.4	95	95	-2 / 2	DPMP		RF
183 /183	Sanitary Sewer: Main, STA 18 + 00 on House Rock Dr.	6	Below Grade	03/12/2025	P1	8.5	121.2	95	95	-2 / 2	DPMP		RF
184 /184	Sanitary Sewer: Service, Lot 236 on House Rock Dr.	6	Below Grade	03/12/2025	P1	8.3	120.7	95	95	-2 / 2	DPMP		RF
185 /185	Sanitary Sewer: Service, Lot 237 on House Rock Dr.	6	Below Grade	03/12/2025	P1	8.7	120.7	95	95	-2 / 2	DPMP		RF
186 /186	Sanitary Sewer: Service, Lot 155 on House Rock Dr.	6	Below Grade	03/12/2025	P1	8.6	121.3	95	95	-2 / 2	DPMP		RF
187 /187	Sanitary Sewer: Service, Lot 238 on House Rock Dr.	6	Below Grade	03/12/2025	P1	8.5	120.8	95	95	-2 / 2	DPMP		RF
188 /188	Sanitary Sewer: Service, Lot 154 on House Rock Dr.	6	Below Grade	03/12/2025	P1	8.3	124.6	98	95	-2 / 2	DPMP		RF
189 /189	Sanitary Sewer: Service, Lot 156 on House Rock Dr.	8	Below Grade	03/12/2025	P1	9.6	120.8	95	95	-2 / 2	DPMP		RF



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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
190 /190	Sanitary Sewer: Main, STA 16 + 50 on House Rock Dr.	8	Below Grade	03/12/2025	P1	8.3	121.2	95	95	-2 / 2	DPMP		RF
191 /191	Sanitary Sewer: Service, Lot 239 on House Rock Dr.	8	Below Grade	03/12/2025	P1	8.8	120.9	95	95	-2 / 2	DPMP		RF
192 /192	Sanitary Sewer: Service, Lot 157 on House Rock Dr.	8	Below Grade	03/12/2025	P1	9.8	120.7	95	95	-2 / 2	DPMP		RF
193 /193	Sanitary Sewer: Service, Lot 158 on House Rock Dr.	8	Below Grade	03/12/2025	P1	8.7	121.2	95	95	-2 / 2	DPMP		RF
194 /194	Sanitary Sewer: Manhole 24, STA 15 + 87 on House Rock Dr.	8	Below Grade	03/12/2025	P1	9.2	120.5	95	95	-2 / 2	DPMP		RF
195 /195	Sanitary Sewer: Service, Lot 159 on House Rock Dr.	8	Below Grade	03/12/2025	P1	9.3	120.7	95	95	-2 / 2	DPMP		RF
196 /196	Sanitary Sewer: Service, Lot 160 on House Rock Dr.	10	Below Grade	03/12/2025	P1	9.4	124.5	98	98	-2 / 2	DPMP		RF
197 /197	Sanitary Sewer: Service, Lot 161 on House Rock Dr.	10	Below Grade	03/12/2025	P1	9.0	124.8	98	98	-2 / 2	DPMP		RF
198 /198	Sanitary Sewer: Service, Lot 153 on House Rock Dr.	4	Below Grade	03/12/2025	P1	8.9	121.3	95	95	-2 / 2	DPMP		RF
199 /199	Sanitary Sewer: Main, STA 18 + 00 on House Rock Dr.	4	Below Grade	03/12/2025	P1	9.1	121.5	95	95	-2 / 2	DPMP		RF
200 /200	Sanitary Sewer: Service, Lot 236 on House Rock Dr.	4	Below Grade	03/12/2025	P1	9.3	121.4	95	95	-2 / 2	DPMP		RF
201 /201	Sanitary Sewer: Service, Lot 237 on House Rock Dr.	4	Below Grade	03/12/2025	P1	8.8	121.5	95	95	-2 / 2	DPMP		RF
202 /202	Sanitary Sewer: Service, Lot 154 on House Rock Dr.	4	Below Grade	03/12/2025	P1	8.7	121.5	95	95	-2 / 2	DPMP		RF
203 /203	Sanitary Sewer: Service, Lot 155 on House Rock Dr.	4	Below Grade	03/12/2025	P1	9.1	120.9	95	95	-2 / 2	DPMP		RF
204 /204	Sanitary Sewer: Service, Lot 238 on House Rock Dr.	4	Below Grade	03/12/2025	P1	8.3	121.6	95	95	-2 / 2	DPMP		RF



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

Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
205 /205	Sanitary Sewer: Service, Lot 156 on House Rock Dr.	6	Below Grade	03/12/2025	P1	8.6	120.8	95	95	-2 / 2	DPMP		RF
206 /206	Sanitary Sewer: Main, STA 16 + 50 on House Rock Dr.	6	Below Grade	03/12/2025	P1	8.5	121.1	95	95	-2 / 2	DPMP		RF
207 /207	Sanitary Sewer: Service, Lot 239 on House Rock Dr.	6	Below Grade	03/12/2025	P1	8.3	121.7	96	95	-2 / 2	DPMP		RF
208 /208	Sanitary Sewer: Service, Lot 157 on House Rock Dr.	6	Below Grade	03/12/2025	P1	8.2	121.1	95	95	-2 / 2	DPMP		RF
209 /209	Sanitary Sewer: Service, Lot 158 on House Rock Dr.	6	Below Grade	03/12/2025	P1	8.2	121.2	95	95	-2 / 2	DPMP		RF
210 /210	Sanitary Sewer: Service, Lot 159 on House Rock Dr.	6	Below Grade	03/12/2025	P1	8.9	120.8	95	95	-2 / 2	DPMP		RF
211 /211	Sanitary Sewer: Manhole 24, STA 15 + 87 on House Rock Dr.	6	Below Grade	03/12/2025	P1	8.6	121.2	95	95	-2 / 2	DPMP		RF
212 /212	Sanitary Sewer: Service, Lot 160 on House Rock Dr.	8	Below Grade	03/12/2025	P1	8.3	120.7	95	95	-2 / 2	DPMP		RF
213 /213	Sanitary Sewer: Service, Lot 161 on House Rock Dr.	8	Below Grade	03/12/2025	P1	8.9	121.2	95	95	-2 / 2	DPMP		RF
214 /214	Sanitary Sewer: Service, Lot 162 on House Rock Dr.	10	Below Grade	03/12/2025	P1	8.5	124.8	98	98	-2 / 2	DPMP		RF
215 /215	Sanitary Sewer: Service, Lot 163 on House Rock Dr.	10	Below Grade	03/12/2025	P1	8.7	125.3	98	98	-2 / 2	DPMP		RF
216 /216	Sanitary Sewer: Service, Lot 164 on House Rock Dr.	10	Below Grade	03/12/2025	P1	8.3	124.4	98	98	-2 / 2	DPMP		RF
217 /217	Sanitary Sewer: Main, STA 14 + 50 on House Rock Dr.	10	Below Grade	03/12/2025	P1	8.7	125.3	98	98	-2 / 2	DPMP		RF
218 /218	Sanitary Sewer: Service, Lot 146 on House Rock Dr.	-	At Grade	03/13/2025	P1	7.9	121.2	95	95	-2 / 2	DPMP		RF
219 /219	Sanitary Sewer: Service, Lot 229 on House Rock Dr.	-	At Grade	03/13/2025	P1	8.2	121.3	95	95	-2 / 2	DPMP		RF



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Soil Density Report

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
220 /220	Sanitary Sewer: Service, Lot 164 on House Rock Dr.	8	Below Grade	03/13/2025	P1	8.5	120.8	95	95	-2 / 2	DPMP		RF
221 /221	Sanitary Sewer: Service, Lot 163 on House Rock Dr.	8	Below Grade	03/13/2025	P1	8.3	121.0	95	95	-2 / 2	DPMP		RF
222 /222	Sanitary Sewer: Main, STA 14 + 50 on House Rock Dr.	8	Below Grade	03/13/2025	P1	8.6	120.9	95	95	-2 / 2	DPMP		RF
223 /223	Sanitary Sewer: Service, Lot 162 on House Rock Dr.	8	Below Grade	03/13/2025	P1	8.8	120.6	95	95	-2 / 2	DPMP		RF
224 /224	Sanitary Sewer: Service, Lot 161 on House Rock Dr.	6	Below Grade	03/13/2025	P1	8.5	121.1	95	95	-2 / 2	DPMP		RF
225 /225	Sanitary Sewer: Service, Lot 160 on House Rock Dr.	6	Below Grade	03/13/2025	P1	7.9	121.6	95	95	-2 / 2	DPMP		RF
226 /226	Sanitary Sewer: Service, Lot 156 on House Rock Dr.	4	Below Grade	03/13/2025	P1	8.5	121.4	95	95	-2 / 2	DPMP		RF
227 /227	Sanitary Sewer: Main, STA 16 + 50 on House Rock Dr.	4	Below Grade	03/13/2025	P1	8.1	120.8	95	95	-2 / 2	DPMP		RF
228 /228	Sanitary Sewer: Manhole 24, STA 15 + 87 on House Rock Dr.	4	Below Grade	03/13/2025	P1	7.8	121.3	95	95	-2 / 2	DPMP		RF
229 /229	Sanitary Sewer: Service, Lot 239 on House Rock Dr.	4	Below Grade	03/13/2025	P1	8.4	121.3	95	95	-2 / 2	DPMP		RF
230 /230	Sanitary Sewer: Service, Lot 157 on House Rock Dr.	4	Below Grade	03/13/2025	P1	7.9	122.4	96	95	-2 / 2	DPMP		RF
231 /231	Sanitary Sewer: Service, Lot 158 on House Rock Dr.	4	Below Grade	03/13/2025	P1	8.1	121.2	95	95	-2 / 2	DPMP		RF
232 /232	Sanitary Sewer: Service, Lot 159 on House Rock Dr.	4	Below Grade	03/13/2025	P1	7.8	121.0	95	95	-2 / 2	DPMP		RF
233 /233	Sanitary Sewer: Service, Lot 153 on House Rock Dr.	2	Below Grade	03/14/2025	P1	8.4	121.2	95	95	-2 / 2	DPMP		RF
234 /234	Sanitary Sewer: Main, STA 18 + 00 on House Rock Dr.	2	Below Grade	03/14/2025	P1	8.5	121.8	96	95	-2 / 2	DPMP		RF



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Soil Density Report

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
235 /235	Sanitary Sewer: Service, Lot 157 on House Rock Dr.	2	Below Grade	03/14/2025	P1	8.5	120.9	95	95	-2 / 2	DPMP		RF
236 /236	Sanitary Sewer: Service, Lot 158 on House Rock Dr.	2	Below Grade	03/14/2025	P1	8.4	121.6	95	95	-2 / 2	DPMP		RF
237 /237	Sanitary Sewer: Service, Lot 239 on House Rock Dr.	2	Below Grade	03/14/2025	P1	8.9	121.1	95	95	-2 / 2	DPMP		RF
238 /238	Sanitary Sewer: Service, Lot 159 on House Rock Dr.	2	Below Grade	03/14/2025	P1	8.3	120.7	95	95	-2 / 2	DPMP		RF
239 /239	Sanitary Sewer: Manhole 24, STA 15 + 87 on House Rock Dr.	2	Below Grade	03/14/2025	P1	8.1	120.8	95	95	-2 / 2	DPMP		RF
240 /240	Sanitary Sewer: Service, Lot 160 on House Rock Dr.	4	Below Grade	03/14/2025	P1	8.3	121.2	95	95	-2 / 2	DPMP		RF
241 /241	Sanitary Sewer: Service, Lot 161 on House Rock Dr.	4	Below Grade	03/14/2025	P1	8.3	122.1	96	95	-2 / 2	DPMP		RF
242 /242	Sanitary Sewer: Service, Lot 162 on House Rock Dr.	6	Below Grade	03/14/2025	P1	9.3	120.6	95	95	-2 / 2	DPMP		RF
243 /243	Sanitary Sewer: Main, STA 14 + 50 on House Rock Dr.	6	Below Grade	03/14/2025	P1	9.7	120.9	95	95	-2 / 2	DPMP		RF
244 /244	Sanitary Sewer: Service, Lot 163 on House Rock Dr.	6	Below Grade	03/14/2025	P1	9.2	121.3	95	95	-2 / 2	DPMP		RF
245 /245	Sanitary Sewer: Service, Lot 164 on House Rock Dr.	6	Below Grade	03/14/2025	P1	8.8	120.7	95	95	-2 / 2	DPMP		RF
246 /246	Sanitary Sewer: Service, Lot 165 on House Rock Dr.	10	Below Grade	03/14/2025	P1	8.7	124.6	98	98	-2 / 2	DPMP		RF
247 /247	Sanitary Sewer: Service, Lot 207 on Crystal Falls Dr.	10	Below Grade	03/14/2025	P1	8.1	124.9	98	98	-2 / 2	DPMP		RF
248 /248	Sanitary Sewer: Service, Lot 206 on Crystal Falls Dr.	10	Below Grade	03/14/2025	P1	8.5	124.3	98	98	-2 / 2	DPMP		RF
249 /249	Sanitary Sewer: Service, Lot 208 on Crystal Falls Dr.	10	Below Grade	03/14/2025	P1	8.4	125.1	98	98	-2 / 2	DPMP		RF



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Soil Density Report

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
250 /250	Sanitary Sewer: Service, Lot 205 on Crystal Falls Dr.	10	Below Grade	03/14/2025	P1	8.3	124.5	98	98	-2 / 2	DP/MP		RF

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 D1557 - B	SC	8.5	127.5

03/20/2025

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
251 /251	Sanitary Sewer: Service, Lot 236 on House Rock Dr.	2	Below Grade	03/15/2025	P1	7.9	120.7	95	95	-2 / 2	DPMP		RF
252 /252	Sanitary Sewer: Service, Lot 237 on House Rock Dr.	2	Below Grade	03/15/2025	P1	7.9	121.9	96	95	-2 / 2	DPMP		RF
253 /253	Sanitary Sewer: Service, Lot 154 on House Rock Dr.	2	Below Grade	03/15/2025	P1	8.2	121.2	95	95	-2 / 2	DPMP		RF
254 /254	Sanitary Sewer: Service, Lot 155 on House Rock Dr.	2	Below Grade	03/15/2025	P1	7.7	121.6	95	95	-2 / 2	DPMP		RF
255 /255	Sanitary Sewer: Service, Lot 238 on House Rock Dr.	2	Below Grade	03/15/2025	P1	7.9	121.7	96	95	-2 / 2	DPMP		RF
256 /256	Sanitary Sewer: Service, Lot 156 on House Rock Dr.	2	Below Grade	03/15/2025	P1	8.3	120.8	95	95	-2 / 2	DPMP		RF
257 /257	Sanitary Sewer: Main, STA 16 + 50 on House Rock Dr.	2	Below Grade	03/15/2025	P1	8.1	121.3	95	95	-2 / 2	DPMP		RF
258 /258	Sanitary Sewer: Service, Lot 203 on Crystal Falls Dr.	10	Below Grade	03/15/2025	P1	8.1	124.4	98	98	-2 / 2	DPMP		RF
259 /259	Sanitary Sewer: Service, Lot 204 on Crystal Falls Dr.	10	Below Grade	03/15/2025	P1	8.6	125.1	98	98	-2 / 2	DPMP		RF
260 /260	Sanitary Sewer: Service, Lot 210 on Crystal Falls Dr.	10	Below Grade	03/15/2025	P1	8.2	124.8	98	98	-2 / 2	DPMP		RF
261 /261	Sanitary Sewer: Main, STA 11 + 50 on Crystal Falls Dr.	10	Below Grade	03/15/2025	P1	8.3	125.2	98	98	-2 / 2	DPMP		RF
262 /262	Sanitary Sewer: Service, Lot 209 on Crystal Falls Dr.	10	Below Grade	03/15/2025	P1	8.1	124.3	98	98	-2 / 2	DPMP		RF
263 /263	Sanitary Sewer: Service, Lot 161 on House Rock Dr.	2	Below Grade	03/17/2025	P1	8.2	121.2	95	95	-2 / 2	DPMP		RF
264 /264	Sanitary Sewer: Main, STA 14 + 50 on House Rock Dr.	4	Below Grade	03/17/2025	P1	8.6	120.9	95	95	-2 / 2	DPMP		RF



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Project:

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Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
265 /265	Sanitary Sewer: Service, Lot 162 on House Rock Dr.	4	Below Grade	03/17/2025	P1	8.8	121.1	95	95	-2 / 2	DPMP		RF
266 /266	Sanitary Sewer: Service, Lot 150 on House Rock Dr.	-	At Grade	03/17/2025	P1	8.6	121.2	95	95	-2 / 2	DPMP		RF
267 /267	Sanitary Sewer: Service, Lot 151 on House Rock Dr.	-	At Grade	03/17/2025	P1	7.9	121.7	96	95	-2 / 2	DPMP		RF
268 /268	Sanitary Sewer: Main, STA 19 + 50 on House Rock Dr.	-	At Grade	03/17/2025	P1	7.3	123.7	97	95	-2 / 2	DPMP		RF
269 /269	Sanitary Sewer: Service, Lot 164 on House Rock Dr.	4	At Grade	03/17/2025	P1	8.3	120.7	95	95	-2 / 2	DPMP		RF
270 /270	Sanitary Sewer: Service, Lot 163 on House Rock Dr.	4	At Grade	03/17/2025	P1	8.8	121.5	95	95	-2 / 2	DPMP		RF
271 /271	Sanitary Sewer: Service, Lot 160 on House Rock Dr.	2	Below Grade	03/17/2025	P1	7.8	121.2	95	95	-2 / 2	DPMP		RF
272 /272	Sanitary Sewer: Service, Lot 164 on House Rock Dr.	2	Below Grade	03/17/2025	P1	8.0	121.3	95	95	-2 / 2	DPMP		RF
273 /273	Sanitary Sewer: Service, Lot 163 on House Rock Dr.	2	Below Grade	03/17/2025	P1	8.1	121.1	95	95	-2 / 2	DPMP		RF
274 /274	Sanitary Sewer: Main, STA 14 + 50 on House Rock Dr.	2	Below Grade	03/17/2025	P1	8.3	120.8	95	95	-2 / 2	DPMP		RF
275 /275	Sanitary Sewer: Service, Lot 162 on House Rock Dr.	2	Below Grade	03/17/2025	P1	8.5	121.3	95	95	-2 / 2	DPMP		RF
276 /276	Sanitary Sewer: Service, Lot 205 on Crystal Falls Dr.	8	Below Grade	03/17/2025	P1	8.1	120.7	95	95	-2 / 2	DPMP		RF
277 /277	Sanitary Sewer: Service, Lot 206 on Crystal Falls Dr.	8	Below Grade	03/17/2025	P1	8.3	120.9	95	95	-2 / 2	DPMP		RF
278 /278	Sanitary Sewer: Service, Lot 207 on Crystal Falls Dr.	8	Below Grade	03/17/2025	P1	8.2	121.3	95	95	-2 / 2	DPMP		RF
279 /279	Sanitary Sewer: Service, Lot 204 on Crystal Falls Dr.	8	Below Grade	03/17/2025	P1	8.3	121.2	95	95	-2 / 2	DPMP		RF



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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
280 /280	Sanitary Sewer: Main, STA 11 + 50 on Crystal Falls Dr.	8	Below Grade	03/17/2025	P1	8.0	121.3	95	95	-2 / 2	DPMP		RF
281 /281	Sanitary Sewer: Service, Lot 209 on Crystal Falls Dr.	8	Below Grade	03/17/2025	P1	8.5	121.4	95	95	-2 / 2	DPMP		RF
282 /282	Sanitary Sewer: Service, Lot 208 on Crystal Falls Dr.	8	Below Grade	03/17/2025	P1	8.2	120.6	95	95	-2 / 2	DPMP		RF
283 /283	Sanitary Sewer: Service, Lot 210 on Crystal Falls Dr.	8	Below Grade	03/18/2025	P1	8.2	120.6	95	95	-2 / 2	DPMP		RF
284 /284	Sanitary Sewer: Service, Lot 152 on House Rock Dr.	-	At Grade	03/18/2025	P1	8.1	121.4	95	95	-2 / 2	DPMP		RF
285 /285	Sanitary Sewer: Service, Lot 153 on House Rock Dr.	-	At Grade	03/18/2025	P1	8.5	120.8	95	95	-2 / 2	DPMP		RF
286 /286	Sanitary Sewer: Main, STA 18 + 00 on House Rock Dr.	-	At Grade	03/18/2025	P1	7.9	123.8	97	95	-2 / 2	DPMP		RF
287 /287	Sanitary Sewer: Service, Lot 154 on House Rock Dr.	-	At Grade	03/18/2025	P1	7.8	121.5	95	95	-2 / 2	DPMP		RF
288 /288	Sanitary Sewer: Service, Lot 155 on House Rock Dr.	-	At Grade	03/18/2025	P1	7.7	121.3	95	95	-2 / 2	DPMP		RF
289 /289	Sanitary Sewer: Service, Lot 156 on House Rock Dr.	-	At Grade	03/18/2025	P1	7.9	120.8	95	95	-2 / 2	DPMP		RF
290 /290	Sanitary Sewer: Main, STA 16 + 50 on House Rock Dr.	-	At Grade	03/18/2025	P1	8.2	122.3	96	95	-2 / 2	DPMP		RF
291 /291	Sanitary Sewer: Service, Lot 157 on House Rock Dr.	-	At Grade	03/18/2025	P1	8.3	121.8	96	95	-2 / 2	DPMP		RF
292 /292	Sanitary Sewer: Service, Lot 158 on House Rock Dr.	-	At Grade	03/18/2025	P1	7.9	122.3	96	95	-2 / 2	DPMP		RF
293 /293	Sanitary Sewer: Manhole 24, STA 15 + 87 on House Rock Dr.	-	At Grade	03/18/2025	P1	8.1	121.2	95	95	-2 / 2	DPMP		RF
294 /294	Sanitary Sewer: Service, Lot 159 on House Rock Dr.	-	At Grade	03/18/2025	P1	8.5	121.4	95	95	-2 / 2	DPMP		RF



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295 /295	Sanitary Sewer: Service, Lot 160 on House Rock Dr.	-	At Grade	03/18/2025	P1	8.2	121.1	95	95	-2 / 2	DPMP		RF
296 /296	Sanitary Sewer: Service, Lot 161 on House Rock Dr.	-	At Grade	03/18/2025	P1	7.7	120.8	95	95	-2 / 2	DPMP		RF
297 /297	Sanitary Sewer: Service, Lot 206 on Crystal Falls Dr.	6	Below Grade	03/18/2025	P1	8.5	121.1	95	95	-2 / 2	DPMP		RF
298 /298	Sanitary Sewer: Service, Lot 207 on Crystal Falls Dr.	6	Below Grade	03/18/2025	P1	8.3	120.8	95	95	-2 / 2	DPMP		RF
299 /299	Sanitary Sewer: Service, Lot 205 on Crystal Falls Dr.	6	Below Grade	03/18/2025	P1	8.6	120.9	95	95	-2 / 2	DPMP		RF
300 /300	Sanitary Sewer: Service, Lot 204 on Crystal Falls Dr.	6	Below Grade	03/18/2025	P1	9.2	121.5	95	95	-2 / 2	DPMP		RF
301 /301	Sanitary Sewer: Service, Lot 209 on Crystal Falls Dr.	6	Below Grade	03/18/2025	P1	8.9	121.1	95	95	-2 / 2	DPMP		RF
302 /302	Sanitary Sewer: Main, STA 11 + 50 on Crystal Falls Dr.	6	Below Grade	03/18/2025	P1	8.5	120.8	95	95	-2 / 2	DPMP		RF
303 /303	Sanitary Sewer: Service, Lot 210 on Crystal Falls Dr.	6	Below Grade	03/18/2025	P1	9.0	121.1	95	95	-2 / 2	DPMP		RF
304 /304	Sanitary Sewer: Service, Lot 203 on Crystal Falls Dr.	8	Below Grade	03/18/2025	P1	7.9	120.9	95	95	-2 / 2	DPMP		RF
305 /305	Sanitary Sewer: Service, Lot 211 on Crystal Falls Dr.	10	Below Grade	03/18/2025	P1	8.6	124.6	98	98	-2 / 2	DPMP		RF
306 /306	Sanitary Sewer: Service, Lot 212 on Crystal Falls Dr.	10	Below Grade	03/18/2025	P1	8.7	124.8	98	98	-2 / 2	DPMP		RF
307 /307	Sanitary Sewer: Main, STA 13 + 00 on Crystal Falls Dr.	10	Below Grade	03/18/2025	P1	8.4	125.5	98	98	-2 / 2	DPMP		RF
308 /308	Sanitary Sewer: Service, Lot 202 on Crystal Falls Dr.	10	Below Grade	03/18/2025	P1	8.2	124.9	98	98	-2 / 2	DPMP		RF
309 /309	Sanitary Sewer: Service, Lot 213 on Crystal Falls Dr.	10	Below Grade	03/18/2025	P1	8.4	125.1	98	98	-2 / 2	DPMP		RF



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

Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
310 /310	Sanitary Sewer: Service, Lot 201 on Crystal Falls Dr.	10	Below Grade	03/18/2025	P1	8.2	124.6	98	98	-2 / 2	DPMP		RF
311 /311	Sanitary Sewer: Service, Lot 208 on Crystal Falls Dr.	6	Below Grade	03/18/2025	P1	8.7	121.2	95	95	-2 / 2	DPMP		RF

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 D1557 - B	SC	8.5	127.5

03/24/2025

Reviewed by: Joey Goode, PE



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Project:

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Rolling Hills Ranch North F1
Peyton, 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
325 /325	Sanitary Sewer: Main, STA 13 + 00 on Crystal Falls Dr.	8	Below Grade	03/20/2025	P2	10.9	114.5	95	95	-2 / 2	DPMP		RF
326 /326	Sanitary Sewer: Service, Lot 213 on Crystal Falls Dr.	8	Below Grade	03/20/2025	P2	10.7	114.3	95	95	-2 / 2	DPMP		RF
327 /327	Sanitary Sewer: Service, Lot 200 on Crystal Falls Dr.	10	Below Grade	03/20/2025	P2	10.8	117.2	98	98	-2 / 2	DPMP		RF
328 /328	Sanitary Sewer: Service, Lot 214 on Crystal Falls Dr.	10	Below Grade	03/20/2025	P2	9.9	117.4	98	98	-2 / 2	DPMP		RF
329 /329	Sanitary Sewer: Service, Lot 199 on Crystal Falls Dr.	10	Below Grade	03/20/2025	P2	10.2	117.3	98	98	-2 / 2	DPMP		RF
330 /330	Sanitary Sewer: Manhole 30, STA 14 + 60 on Crystal Falls Dr.	10	Below Grade	03/20/2025	P2	10.3	117.1	98	95	-2 / 2	DPMP		RF
331 /331	Sanitary Sewer: Service, Lot 215 on Crystal Falls Dr.	10	Below Grade	03/20/2025	P2	10.7	117.3	98	98	-2 / 2	DPMP		RF
332 /332	Sanitary Sewer: Service, Lot 207 on Crystal Falls Dr.	2	Below Grade	03/20/2025	P2	9.0	113.6	95	95	-2 / 2	DPMP		RF
333 /333	Sanitary Sewer: Service, Lot 206 on Crystal Falls Dr.	2	Below Grade	03/20/2025	P2	9.9	113.7	95	95	-2 / 2	DPMP		RF
334 /334	Sanitary Sewer: Service, Lot 208 on Crystal Falls Dr.	2	Below Grade	03/20/2025	P2	9.3	114.9	96	95	-2 / 2	DPMP		RF
335 /335	Sanitary Sewer: Service, Lot 205 on Crystal Falls Dr.	2	Below Grade	03/20/2025	P2	10.2	113.9	95	95	-2 / 2	DPMP		RF
336 /336	Sanitary Sewer: Service, Lot 209 on Crystal Falls Dr.	2	Below Grade	03/20/2025	P2	9.9	114.4	95	95	-2 / 2	DPMP		RF
337 /337	Sanitary Sewer: Main, STA 11 + 50 on Crystal Falls Dr.	2	Below Grade	03/20/2025	P2	10.2	115.3	96	95	-2 / 2	DPMP		RF
338 /338	Sanitary Sewer: Service, Lot 222 on Crystal Falls Dr.	10	Below Grade	03/20/2025	P2	9.5	118.2	98	98	-2 / 2	DPMP		RF



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Soil Density Report

Client:

Tech Contractors
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San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
339 /339	Sanitary Sewer: Service, Lot 191 on Crystal Falls Dr.	10	Below Grade	03/20/2025	P2	10.9	118.1	98	98	-2 / 2	DPMP		RF
340 /340	Sanitary Sewer: Service, Lot 204 on Crystal Falls Dr.	2	Below Grade	03/20/2025	P2	8.9	113.6	95	95	-2 / 2	DPMP		RF
341 /341	Sanitary Sewer: Service, Lot 210 on Crystal Falls Dr.	2	Below Grade	03/20/2025	P2	9.6	113.6	95	95	-2 / 2	DPMP		RF
342 /342	Sanitary Sewer: Service, Lot 203 on Crystal Falls Dr.	4	Below Grade	03/20/2025	P2	10.1	116.5	97	95	-2 / 2	DPMP		RF
343 /343	Sanitary Sewer: Service, Lot 191 on Crystal Falls Dr.	8	Below Grade	03/20/2025	P2	9.7	115.3	96	95	-2 / 2	DPMP		RF
344 /344	Sanitary Sewer: Service, Lot 222 on Crystal Falls Dr.	8	Below Grade	03/20/2025	P2	9.8	114.2	95	95	-2 / 2	DPMP		RF
345 /345	Sanitary Sewer: Service, Lot 211 on Crystal Falls Dr.	6	Below Grade	03/20/2025	P2	9.8	115.1	96	95	-2 / 2	DPMP		RF
346 /346	Sanitary Sewer: Service, Lot 212 on Crystal Falls Dr.	6	Below Grade	03/20/2025	P2	10.2	114.4	95	95	-2 / 2	DPMP		RF
347 /347	Sanitary Sewer: Main, STA 13 + 00 on Crystal Falls Dr.	6	Below Grade	03/20/2025	P2	9.8	115.4	96	95	-2 / 2	DPMP		RF
348 /348	Sanitary Sewer: Service, Lot 202 on Crystal Falls Dr.	6	Below Grade	03/20/2025	P2	9.6	114.1	95	95	-2 / 2	DPMP		RF
349 /349	Sanitary Sewer: Service, Lot 201 on Crystal Falls Dr.	6	Below Grade	03/20/2025	P2	10.5	114.4	95	95	-2 / 2	DPMP		RF
350 /350	Sanitary Sewer: Service, Lot 213 on Crystal Falls Dr.	6	Below Grade	03/20/2025	P2	9.2	115.1	96	95	-2 / 2	DPMP		RF
351 /351	Sanitary Sewer: Service, Lot 214 on Crystal Falls Dr.	8	Below Grade	03/20/2025	P2	9.8	113.7	95	95	-2 / 2	DPMP		RF
352 /352	Sanitary Sewer: Service, Lot 200 on Crystal Falls Dr.	8	Below Grade	03/20/2025	P2	9.6	114.5	95	95	-2 / 2	DPMP		RF
353 /353	Sanitary Sewer: Service, Lot 203 on Crystal Falls Dr.	2	Below Grade	03/20/2025	P2	10.2	115.4	96	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
354 /354	Sanitary Sewer: Service, Lot 191 on Crystal Falls Dr.	6	Below Grade	03/21/2025	P2	9.9	115.9	97	95	-2 / 2	DPMP		RF
355 /355	Sanitary Sewer: Service, Lot 222 on Crystal Falls Dr.	6	Below Grade	03/21/2025	P2	9.6	114.7	96	95	-2 / 2	DPMP		RF
356 /356	Sanitary Sewer: Service, Lot 139 on Shelter Creek Dr	10	Below Grade	03/21/2025	P2	10.2	117.5	98	95	-2 / 2	DPMP		RF
357 /357	Sanitary Sewer: Service, Lot 191 on Crystal Falls Dr.	4	Below Grade	03/21/2025	P2	10.5	113.6	95	95	-2 / 2	DPMP		RF
358 /358	Sanitary Sewer: Service, Lot 222 on Crystal Falls Dr.	4	Below Grade	03/21/2025	P2	9.8	113.8	95	95	-2 / 2	DPMP		RF
359 /359	Sanitary Sewer: Service, Lot 139 on Shelter Creek Dr.	8	Below Grade	03/21/2025	P2	10.6	115.7	96	95	-2 / 2	DPMP		RF
360 /360	Sanitary Sewer: Service, Lot 192 on Crystal Falls Dr.	10	Below Grade	03/21/2025	P2	10.2	117.1	98	98	-2 / 2	DPMP		RF
361 /361	Sanitary Sewer: Service, Lot 221 on Crystal Falls Dr.	10	Below Grade	03/21/2025	P2	10.5	117.5	98	98	-2 / 2	DPMP		RF
362 /362	Sanitary Sewer: Service, Lot 211 on Crystal Falls Dr.	4	Below Grade	03/21/2025	P2	10.2	114.4	95	95	-2 / 2	DPMP		RF
363 /363	Sanitary Sewer: Service, Lot 212 on Crystal Falls Dr.	4	Below Grade	03/21/2025	P2	10.7	114.7	96	95	-2 / 2	DPMP		RF
364 /364	Sanitary Sewer: Main, STA 13 + 00 on Crystal Falls Dr.	4	Below Grade	03/21/2025	P2	10.8	113.8	95	95	-2 / 2	DPMP		RF
365 /365	Sanitary Sewer: Service, Lot 202 on Crystal Falls Dr.	4	Below Grade	03/21/2025	P2	9.9	114.1	95	95	-2 / 2	DPMP		RF
366 /366	Sanitary Sewer: Service, Lot 201 on Crystal Falls Dr.	4	Below Grade	03/21/2025	P2	10.7	113.8	95	95	-2 / 2	DPMP		RF
367 /367	Sanitary Sewer: Service, Lot 213 on Crystal Falls Dr.	4	Below Grade	03/21/2025	P2	10.2	114.6	95	95	-2 / 2	DPMP		RF
368 /368	Sanitary Sewer: Service, Lot 214 on Crystal Falls Dr.	6	Below Grade	03/21/2025	P2	10.3	114.2	95	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
369 /369	Sanitary Sewer: Service, Lot 200 on Crystal Falls Dr.	6	Below Grade	03/21/2025	P2	10.0	113.9	95	95	-2 / 2	DPMP		RF
370 /370	Sanitary Sewer: Service, Lot 138 on Shelter Creek Dr.	10	Below Grade	03/21/2025	P2	11.1	117.6	98	98	-2 / 2	DPMP		RF
371 /371	Sanitary Sewer: Service, Lot 139 on Shelter Creek Dr.	6	Below Grade	03/21/2025	P2	10.2	114.5	95	95	-2 / 2	DPMP		RF
372 /372	Sanitary Sewer: Service, Lot 221 on Crystal Falls Dr.	8	Below Grade	03/21/2025	P2	10.1	113.9	95	95	-2 / 2	DPMP		RF
373 /373	Sanitary Sewer: Service, Lot 192 on Crystal Falls Dr.	8	Below Grade	03/21/2025	P2	10.5	114.1	95	95	-2 / 2	DPMP		RF
374 /374	Sanitary Sewer: Main, STA 29 + 00 on Shelter Creek Dr.	10	Below Grade	03/21/2025	P2	11.7	117.4	98	98	-2 / 2	DPMP		RF
375 /375	Sanitary Sewer: Service, Lot 138 on Shelter Creek Dr.	8	Below Grade	03/21/2025	P2	10.1	115.1	96	95	-2 / 2	DPMP		RF
376 /376	Sanitary Sewer: Service, Lot 139 on Shelter Creek Dr.	4	Below Grade	03/21/2025	P2	10.5	114.3	95	95	-2 / 2	DPMP		RF
377 /377	Sanitary Sewer: Service, Lot 211 on Crystal Falls Dr.	2	Below Grade	03/22/2025	P2	10.3	114.5	95	95	-2 / 2	DPMP		RF
378 /378	Sanitary Sewer: Service, Lot 212 on Crystal Falls Dr.	2	Below Grade	03/22/2025	P2	10.4	113.8	95	95	-2 / 2	DPMP		RF
379 /379	Sanitary Sewer: Main, STA 13 + 00 on Crystal Falls Dr.	2	Below Grade	03/22/2025	P2	10.1	114.9	96	95	-2 / 2	DPMP		RF
380 /380	Sanitary Sewer: Service, Lot 213 on Crystal Falls Dr.	2	Below Grade	03/22/2025	P2	10.3	113.6	95	95	-2 / 2	DPMP		RF
381 /381	Sanitary Sewer: Service, Lot 214 on Crystal Falls Dr.	4	Below Grade	03/22/2025	P2	10.1	115.4	96	95	-2 / 2	DPMP		RF
382 /382	Sanitary Sewer: Service, Lot 200 on Crystal Falls Dr.	4	Below Grade	03/22/2025	P2	9.8	114.2	95	95	-2 / 2	DPMP		RF
383 /383	Sanitary Sewer: Service, Lot 201 on Crystal Falls Dr.	2	Below Grade	03/22/2025	P2	10.1	114.1	95	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
384 /384	Sanitary Sewer: Service, Lot 202 on Crystal Falls Dr.	2	Below Grade	03/22/2025	P2	9.9	113.7	95	95	-2 / 2	DPMP		RF
385 /385	Sanitary Sewer: Service, Lot 233 on House Rock Dr.	-	At Grade	03/22/2025	P1	8.8	120.9	95	95	-2 / 2	DPMP		RF
386 /386	Sanitary Sewer: Service, Lot 234 on House Rock Dr.	-	At Grade	03/22/2025	P1	8.1	120.8	95	95	-2 / 2	DPMP		RF
387 /387	Sanitary Sewer: Service, Lot 235 on House Rock Dr.	-	At Grade	03/22/2025	P1	8.4	121.4	95	95	-2 / 2	DPMP		RF
388 /388	Sanitary Sewer: Service, Lot 236 on House Rock Dr.	-	At Grade	03/22/2025	P1	8.5	122.5	96	95	-2 / 2	DPMP		RF
389 /389	Sanitary Sewer: Service, Lot 237 on House Rock Dr.	-	At Grade	03/22/2025	P1	8.1	121.4	95	95	-2 / 2	DPMP		RF
390 /390	Sanitary Sewer: Service, Lot 238 on House Rock Dr.	-	At Grade	03/22/2025	P1	8.2	122.7	96	95	-2 / 2	DPMP		RF
391 /391	Sanitary Sewer: Service, Lot 239 on House Rock Dr.	-	At Grade	03/22/2025	P1	8.9	122.3	96	95	-2 / 2	DPMP		RF
392 /392	Sanitary Sewer: Main, STA 14 + 50 on House Rock Dr.	-	At Grade	03/22/2025	P1	8.7	122.1	96	95	-2 / 2	DPMP		RF
393 /393	Sanitary Sewer: Service, Lot 162 on House Rock Dr.	-	At Grade	03/22/2025	P1	9.2	122.5	96	95	-2 / 2	DPMP		RF
394 /394	Sanitary Sewer: Service, Lot 163 on House Rock Dr.	-	At Grade	03/22/2025	P1	8.6	121.4	95	95	-2 / 2	DPMP		RF
395 /395	Sanitary Sewer: Service, Lot 164 on House Rock Dr.	-	At Grade	03/22/2025	P1	8.3	121.9	96	95	-2 / 2	DPMP		RF
396 /396	Sanitary Sewer: Service, Lot 136 on Shelter Creek Dr.	10	Below Grade	03/22/2025	P2	10.5	117.9	98	98	-2 / 2	DPMP		RF
397 /397	Sanitary Sewer: Service, Lot 137 on Shelter Creek Dr.	10	Below Grade	03/22/2025	P2	10.7	117.8	98	98	-2 / 2	DPMP		RF
398 /398	Sanitary Sewer: Service, Lot 138 on Shelter Creek Dr.	6	Below Grade	03/22/2025	P2	10.0	115.9	97	95	-2 / 2	DPMP		RF



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399 /399	Sanitary Sewer: Service, Lot 139 on Shelter Creek Dr.	2	Below Grade	03/22/2025	P2	10.0	116.5	97	95	-2 / 2	DPMP		RF
400 /400	Sanitary Sewer: Service, Lot 191 on Crystal Falls Dr.	2	Below Grade	03/22/2025	P2	10.2	114.9	96	95	-2 / 2	DPMP		RF
401 /401	Sanitary Sewer: Service, Lot 222 on Crystal Falls Dr.	2	Below Grade	03/22/2025	P2	9.8	114.5	95	95	-2 / 2	DPMP		RF
402 /402	Sanitary Sewer: Service, Lot 221 on Crystal Falls Dr.	6	Below Grade	03/22/2025	P2	10.3	114.9	96	95	-2 / 2	DPMP		RF
403 /403	Sanitary Sewer: Service, Lot 192 on Crystal Falls Dr.	6	Below Grade	03/22/2025	P2	10.3	113.5	95	95	-2 / 2	DPMP		RF
404 /404	Sanitary Sewer: Service, Lot 193 on Crystal Falls Dr.	10	Below Grade	03/22/2025	P2	10.2	117.4	98	98	-2 / 2	DPMP		RF
405 /405	Sanitary Sewer: Main, STA 17 + 50 on Crystal Falls Dr.	10	Below Grade	03/22/2025	P2	10.8	117.7	98	98	-2 / 2	DPMP		RF
406 /406	Sanitary Sewer: Service, Lot 220 on Crystal Falls Dr.	10	Below Grade	03/22/2025	P2	10.4	117.1	98	98	-2 / 2	DPMP		RF
407 /407	Sanitary Sewer: Service, Lot 200 on Crystal Falls Dr.	2	Below Grade	03/22/2025	P2	10.3	116.1	97	95	-2 / 2	DPMP		RF
408 /408	Sanitary Sewer: Service, Lot 214 on Crystal Falls Dr.	2	Below Grade	03/22/2025	P2	9.8	114.5	95	95	-2 / 2	DPMP		RF
409 /409	Sanitary Sewer: Service, Lot 136 on Shelter Creek Dr.	8	Below Grade	03/22/2025	P2	10.5	116.9	97	95	-2 / 2	DPMP		RF
410 /410	Sanitary Sewer: Main, STA 29 + 00 on Shelter Creek Dr.	8	Below Grade	03/22/2025	P2	10.4	116.7	97	95	-2 / 2	DPMP		RF
411 /411	Sanitary Sewer: Service, Lot 137 on Shelter Creek Dr.	8	Below Grade	03/22/2025	P2	10.6	115.7	96	95	-2 / 2	DPMP		RF
412 /412	Sanitary Sewer: Service, Lot 138 on Shelter Creek Dr.	4	Below Grade	03/22/2025	P2	10.6	114.3	95	95	-2 / 2	DPMP		RF
413 /413	Sanitary Sewer: Service, Lot 194 on Crystal Falls Dr.	10	Below Grade	03/24/2025	P2	10.9	117.9	98	98	-2 / 2	DPMP		RF



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414 /414	Sanitary Sewer: Service, Lot 220 on Crystal Falls Dr.	8	Below Grade	03/24/2025	P2	10.6	113.8	95	95	-2 / 2	DPMP		RF
415 /415	Sanitary Sewer: Main, STA 17 + 50 on Crystal Falls Dr.	8	Below Grade	03/24/2025	P2	10.4	116.2	97	95	-2 / 2	DPMP		RF
416 /416	Sanitary Sewer: Service, Lot 193 on Crystal Falls Dr.	8	Below Grade	03/24/2025	P2	10.1	114.1	95	95	-2 / 2	DPMP		RF
417 /417	Sanitary Sewer: Service, Lot 221 on Crystal Falls Dr.	4	Below Grade	03/24/2025	P2	9.8	113.6	95	95	-2 / 2	DPMP		RF
418 /418	Sanitary Sewer: Service, Lot 192 on Crystal Falls Dr.	4	Below Grade	03/24/2025	P2	9.7	113.5	95	95	-2 / 2	DPMP		RF
419 /419	Sanitary Sewer: Service, Lot 138 on Shelter Creek Dr.	2	Below Grade	03/24/2025	P2	9.9	114.1	95	95	-2 / 2	DPMP		RF
420 /420	Sanitary Sewer: Main, STA 29 + 00 on Shelter Creek Dr.	6	Below Grade	03/24/2025	P2	10.3	115.5	96	95	-2 / 2	DPMP		RF
421 /421	Sanitary Sewer: Service, Lot 137 on Shelter Creek Dr.	6	Below Grade	03/24/2025	P2	10.0	114.8	96	95	-2 / 2	DPMP		RF
422 /422	Sanitary Sewer: Service, Lot 136 on Shelter Creek Dr.	6	Below Grade	03/24/2025	P2	10.2	115.6	96	95	-2 / 2	DPMP		RF
423 /423	Sanitary Sewer: Main, STA 30 + 00 on Shelter Creek Dr.	10	Below Grade	03/24/2025	P2	10.3	118.1	98	98	-2 / 2	DPMP		RF
424 /424	Sanitary Sewer: Service, Lot 135 on Shelter Creek Dr.	10	Below Grade	03/24/2025	P2	10.3	117.6	98	98	-2 / 2	DPMP		RF

Remarks

DP/MP : Density Pass / Moisture Pass

Comments

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



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Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, CO

Proctor Data

Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)
P2	ASTM D1557 - A	ML	10.1	120.1
P1	ASTM D1557 - B	SC	8.5	127.5

03/31/2025

Reviewed by: Joey Goode, PE



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

Soil Density Report

Client:

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
312 /312	Sanitary Sewer: Service, Lot 207 on Crystal Falls Dr.	4	Below Grade	03/20/2025	P2	9.1	114.5	95	95	-2 / 2	DPMP		RF
313 /313	Sanitary Sewer: Service, Lot 206 on Crystal Falls Dr.	4	Below Grade	03/20/2025	P2	9.8	114.8	96	95	-2 / 2	DPMP		RF
314 /314	Sanitary Sewer: Service, Lot 208 on Crystal Falls Dr.	4	Below Grade	03/20/2025	P2	9.6	114.7	96	95	-2 / 2	DPMP		RF
315 /315	Sanitary Sewer: Service, Lot 205 on Crystal Falls Dr.	4	Below Grade	03/20/2025	P2	10.3	114.4	95	95	-2 / 2	DPMP		RF
316 /316	Sanitary Sewer: Service, Lot 209 on Crystal Falls Dr.	4	Below Grade	03/20/2025	P2	9.7	114.5	95	95	-2 / 2	DPMP		RF
317 /317	Sanitary Sewer: Main, STA 11 + 50 on Crystal Falls Dr.	4	Below Grade	03/20/2025	P2	10.1	115.5	96	95	-2 / 2	DPMP		RF
318 /318	Sanitary Sewer: Service, Lot 210 on Crystal Falls Dr.	4	Below Grade	03/20/2025	P2	10.1	113.7	95	95	-2 / 2	DPMP		RF
319 /319	Sanitary Sewer: Service, Lot 204 on Crystal Falls Dr.	4	Below Grade	03/20/2025	P2	10.1	114.2	95	95	-2 / 2	DPMP		RF
320 /320	Sanitary Sewer: Service, Lot 203 on Crystal Falls Dr.	6	Below Grade	03/20/2025	P2	10.7	113.8	95	95	-2 / 2	DPMP		RF
321 /321	Sanitary Sewer: Service, Lot 211 on Crystal Falls Dr.	8	Below Grade	03/20/2025	P2	10.3	114.1	95	95	-2 / 2	DPMP		RF
322 /322	Sanitary Sewer: Service, Lot 202 on Crystal Falls Dr.	8	Below Grade	03/20/2025	P2	10.7	113.9	95	95	-2 / 2	DPMP		RF
323 /323	Sanitary Sewer: Service, Lot 212 on Crystal Falls Dr.	8	Below Grade	03/20/2025	P2	10.1	114.3	95	95	-2 / 2	DPMP		RF
324 /324	Sanitary Sewer: Service, Lot 201 on Crystal Falls Dr.	8	Below Grade	03/20/2025	P2	11.6	114.3	95	95	-2 / 2	DPMP		RF
425 /425	Sanitary Sewer: Service, Lot 214 on Crystal Falls Dr.	-	At Grade	03/25/2025	P2	9.9	114.2	95	95	-2 / 2	DPMP		RF



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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
426 /426	Sanitary Sewer: Service, Lot 213 on Crystal Falls Dr.	-	At Grade	03/25/2025	P2	10.1	113.9	95	95	-2 / 2	DPMP		RF
427 /427	Sanitary Sewer: Service, Lot 212 on Crystal Falls Dr.	-	At Grade	03/25/2025	P2	10.1	114.1	95	95	-2 / 2	DPMP		RF
428 /428	Sanitary Sewer: Service, Lot 211 on Crystal Falls Dr.	-	At Grade	03/25/2025	P2	9.6	114.5	95	95	-2 / 2	DPMP		RF
429 /429	Sanitary Sewer: Service, Lot 210 on Crystal Falls Dr.	-	At Grade	03/25/2025	P2	10.1	113.7	95	95	-2 / 2	DPMP		RF
430 /430	Sanitary Sewer: Service, Lot 209 on Crystal Falls Dr.	-	At Grade	03/25/2025	P2	10.4	113.6	95	95	-2 / 2	DPMP		RF
431 /431	Sanitary Sewer: Main, STA 11 + 50 on Crystal Falls Dr.	-	At Grade	03/25/2025	P2	9.4	115.6	96	95	-2 / 2	DPMP		RF
432 /432	Sanitary Sewer: Service, Lot 208 on Crystal Falls Dr.	-	At Grade	03/25/2025	P2	9.4	114.1	95	95	-2 / 2	DPMP		RF
433 /433	Sanitary Sewer: Service, Lot 207 on Crystal Falls Dr.	-	At Grade	03/25/2025	P2	9.9	115.2	96	95	-2 / 2	DPMP		RF
434 /434	Sanitary Sewer: Main, STA 13 + 00 on Crystal Falls Dr.	-	At Grade	03/25/2025	P2	10.2	116.3	97	95	-2 / 2	DPMP		RF
435 /435	Sanitary Sewer: Service, Lot 200 on Crystal Falls Dr.	-	At Grade	03/25/2025	P2	9.7	116.8	97	95	-2 / 2	DPMP		RF
436 /436	Sanitary Sewer: Service, Lot 201 on Crystal Falls Dr.	-	At Grade	03/25/2025	P2	9.6	114.2	95	95	-2 / 2	DPMP		RF
437 /437	Sanitary Sewer: Service, Lot 202 on Crystal Falls Dr.	-	At Grade	03/25/2025	P2	9.5	114.9	96	95	-2 / 2	DPMP		RF
438 /438	Sanitary Sewer: Service, Lot 203 on Crystal Falls Dr.	-	At Grade	03/25/2025	P2	10.2	115.2	96	95	-2 / 2	DPMP		RF
439 /439	Sanitary Sewer: Service, Lot 204 on Crystal Falls Dr.	-	At Grade	03/25/2025	P2	9.5	113.8	95	95	-2 / 2	DPMP		RF
440 /440	Sanitary Sewer: Service, Lot 205 on Crystal Falls Dr.	-	At Grade	03/25/2025	P2	9.9	114.9	96	95	-2 / 2	DPMP		RF



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Rolling Hills Ranch North F1
Peyton, 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
441 /441	Sanitary Sewer: Service, Lot 206 on Crystal Falls Dr.	-	At Grade	03/25/2025	P2	9.8	114.4	95	95	-2 / 2	DPMP		RF
442 /442	Sanitary Sewer: Service, Lot 134 on Shelter Creek Dr.	10	Below Grade	03/25/2025	P2	9.2	117.9	98	98	-2 / 2	DPMP		RF
443 /443	Sanitary Sewer: Main, STA 30 + 00 on Shelter Creek Dr.	8	Below Grade	03/25/2025	P2	9.8	115.9	97	95	-2 / 2	DPMP		RF
444 /444	Sanitary Sewer: Service, Lot 135 on Shelter Creek Dr.	8	Below Grade	03/25/2025	P2	10.1	115.3	96	95	-2 / 2	DPMP		RF
445 /445	Sanitary Sewer: Service, Lot 136 on Shelter Creek Dr.	4	Below Grade	03/25/2025	P2	9.5	113.5	95	95	-2 / 2	DPMP		RF
446 /446	Sanitary Sewer: Main, STA 29 + 00 on Shelter Creek Dr.	4	Below Grade	03/25/2025	P2	9.5	116.8	97	95	-2 / 2	DPMP		RF
447 /447	Sanitary Sewer: Service, Lot 137 on Shelter Creek Dr.	4	Below Grade	03/25/2025	P2	9.6	114.1	95	95	-2 / 2	DPMP		RF
448 /448	Sanitary Sewer: Service, Lot 194 on Crystal Falls Dr.	8	At Grade	03/25/2025	P2	10.1	113.5	95	95	-2 / 2	DPMP		RF
449 /449	Sanitary Sewer: Service, Lot 196 on Crystal Falls Dr.	10	At Grade	03/25/2025	P2	10.6	117.8	98	98	-2 / 2	DPMP		RF
450 /450	Sanitary Sewer: Service, Lot 219 on Crystal Falls Dr.	10	At Grade	03/25/2025	P2	10.4	118.1	98	98	-2 / 2	DPMP		RF
451 /451	Sanitary Sewer: Service, Lot 195 on Crystal Falls Dr.	10	At Grade	03/25/2025	P2	11.3	117.5	98	98	-2 / 2	DPMP		RF
452 /452	Sanitary Sewer: Service, Lot 220 on Crystal Falls Dr.	6	At Grade	03/25/2025	P2	9.7	114.1	95	95	-2 / 2	DPMP		RF
453 /453	Sanitary Sewer: Main, STA 17 + 50 on Crystal Falls Dr.	6	At Grade	03/25/2025	P2	9.3	114.3	95	95	-2 / 2	DPMP		RF
454 /454	Sanitary Sewer: Service, Lot 193 on Crystal Falls Dr.	6	At Grade	03/25/2025	P2	10.6	113.8	95	95	-2 / 2	DPMP		RF
455 /455	Sanitary Sewer: Service, Lot 222 on Crystal Falls Dr.	-	At Grade	03/25/2025	P2	10.1	114.8	96	95	-2 / 2	DPMP		RF



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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
456 /456	Sanitary Sewer: Service, Lot 191 on Crystal Falls Dr.	-	At Grade	03/25/2025	P2	10.3	113.7	95	95	-2 / 2	DPMP		RF
457 /457	Sanitary Sewer: Service, Lot 192 on Crystal Falls Dr.	2	Below Grade	03/25/2025	P2	10.1	113.7	95	95	-2 / 2	DPMP		RF
458 /458	Sanitary Sewer: Service, Lot 221 on Crystal Falls Dr.	2	Below Grade	03/25/2025	P2	10.2	113.6	95	95	-2 / 2	DPMP		RF
459 /459	Sanitary Sewer: Service, Lot 134 on Shelter Creek Dr.	8	Below Grade	03/25/2025	P2	10.3	116.4	97	95	-2 / 2	DPMP		RF
460 /460	Sanitary Sewer: Main, STA 30 + 00 on Shelter Creek Dr.	6	Below Grade	03/25/2025	P2	9.6	116.1	97	95	-2 / 2	DPMP		RF
461 /461	Sanitary Sewer: Service, Lot 135 on Shelter Creek Dr.	6	Below Grade	03/25/2025	P2	9.4	115.9	97	95	-2 / 2	DPMP		RF
462 /462	Sanitary Sewer: Service, Lot 137 on Shelter Creek Dr.	2	Below Grade	03/25/2025	P2	9.6	114.5	95	95	-2 / 2	DPMP		RF
463 /463	Sanitary Sewer: Main, STA 29 + 00 on Shelter Creek Dr.	2	Below Grade	03/25/2025	P2	9.4	116.3	97	95	-2 / 2	DPMP		RF
464 /464	Sanitary Sewer: Service, Lot 136 on Shelter Creek Dr.	2	Below Grade	03/25/2025	P2	10.3	113.8	95	95	-2 / 2	DPMP		RF
465 /465	Sanitary Sewer: Service, Lot 193 on Crystal Falls Dr.	4	Below Grade	03/25/2025	P2	11.3	114.7	96	95	-2 / 2	DPMP		RF
466 /466	Sanitary Sewer: Service, Lot 220 on Crystal Falls Dr.	4	Below Grade	03/25/2025	P2	10.9	114.9	96	95	-2 / 2	DPMP		RF
467 /467	Sanitary Sewer: Main, STA 17 + 50 on Crystal Falls Dr.	4	Below Grade	03/25/2025	P2	11.1	114.3	95	95	-2 / 2	DPMP		RF
468 /468	Sanitary Sewer: Service, Lot 194 on Crystal Falls Dr.	6	Below Grade	03/25/2025	P2	10.5	114.8	96	95	-2 / 2	DPMP		RF
469 /469	Sanitary Sewer: Service, Lot 195 on Crystal Falls Dr.	8	Below Grade	03/25/2025	P2	9.9	113.6	95	95	-2 / 2	DPMP		RF
470 /470	Sanitary Sewer: Service, Lot 219 on Crystal Falls Dr.	8	Below Grade	03/25/2025	P2	10.2	114.6	95	95	-2 / 2	DPMP		RF



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471 /471	Sanitary Sewer: Service, Lot 196 on Crystal Falls Dr.	8	Below Grade	03/25/2025	P2	9.9	115.1	96	95	-2 / 2	DPMP		RF
472 /472	Sanitary Sewer: Service, Lot 218 on Crystal Falls Dr.	10	Below Grade	03/25/2025	P2	10.1	117.7	98	98	-2 / 2	DPMP		RF
473 /473	Sanitary Sewer: Main, STA 16 + 00 on Crystal Falls Dr.	10	Below Grade	03/25/2025	P2	9.4	119.3	99	98	-2 / 2	DPMP		RF
474 /474	Sanitary Sewer: Manhole 17, STA 30 + 78 on Shelter Creek Dr.	10	Below Grade	03/25/2025	P2	11.1	117.5	98	95	-2 / 2	DPMP		RF

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 D1557 - A	ML	10.1	120.1

04/01/2025

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
556 /556	Sanitary Sewer: Service, Lot 144 (RHN/F2) on Shelter Creek Dr.	10	Below Grade	03/28/2025	P3	8.3	122.6	98	98	-2 / 2	DPMP		RF
557 /557	Sanitary Sewer: Service, Lot 143 (RHN/F2) on Shelter Creek Dr.	10	Below Grade	03/28/2025	P3	9.1	122.7	98	98	-2 / 2	DPMP		RF
558 /558	Sanitary Sewer: Main, STA 35 + 00 on Shelter Creek Dr.	10	Below Grade	03/28/2025	P3	9.2	123.2	98	98	-2 / 2	DPMP		RF
559 /559	Sanitary Sewer: Service, Lot 128 on Shelter Creek Dr.	8	Below Grade	03/28/2025	P3	8.6	119.2	95	95	-2 / 2	DPMP		RF
560 /560	Sanitary Sewer: Manhole 18, STA 33 + 78 on Shelter Creek Dr.	10	Below Grade	03/28/2025	P3	8.3	122.7	98	98	-2 / 2	DPMP		RF
561 /561	Sanitary Sewer: Service, Lot 127 on Shelter Creek Dr.	10	Below Grade	03/28/2025	P3	8.8	122.6	98	98	-2 / 2	DPMP		RF
562 /562	Sanitary Sewer: Manhole 18, STA 33 + 78 on Shelter Creek Dr.	8	Below Grade	03/28/2025	P3	8.2	119.4	95	95	-2 / 2	DPMP		RF
563 /563	Sanitary Sewer: Service, Lot 129 on Shelter Creek Dr.	6	Below Grade	03/28/2025	P3	8.6	120.3	96	95	-2 / 2	DPMP		RF
564 /564	Sanitary Sewer: Main, STA 32 + 00 on Shelter Creek Dr.	2	Below Grade	03/28/2025	P3	8.7	119.3	95	95	-2 / 2	DPMP		RF
565 /565	Sanitary Sewer: Service, Lot 131 on Shelter Creek Dr.	2	Below Grade	03/28/2025	P3	8.3	119.4	95	95	-2 / 2	DPMP		RF
566 /566	Sanitary Sewer: Service, Lot 144 (RHN/F2) on Shelter Creek Dr.	8	Below Grade	03/28/2025	P3	8.5	119.6	95	95	-2 / 2	DPMP		RF
567 /567	Sanitary Sewer: Service, Lot 143 (RHN/F2) on Shelter Creek Dr.	8	Below Grade	03/28/2025	P3	8.8	119.7	95	95	-2 / 2	DPMP		RF
568 /568	Sanitary Sewer: Main, STA 35 + 00 on Shelter Creek Dr.	8	Below Grade	03/28/2025	P3	8.2	119.8	95	95	-2 / 2	DPMP		RF
569 /569	Sanitary Sewer: Service, Lot 130 on Shelter Creek Dr.	4	Below Grade	03/29/2025	P3	8.9	119.1	95	95	-2 / 2	DPMP		RF



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570 /570	Sanitary Sewer: Service, Lot 129 on Shelter Creek Dr.	4	Below Grade	03/29/2025	P3	8.5	119.5	95	95	-2 / 2	DPMP		RF
571 /571	Sanitary Sewer: Service, Lot 128 on Shelter Creek Dr.	6	Below Grade	03/29/2025	P3	8.4	119.3	95	95	-2 / 2	DPMP		RF
572 /572	Sanitary Sewer: Service, Lot 127 on Shelter Creek Dr.	8	Below Grade	03/29/2025	P3	9.2	120.2	96	95	-2 / 2	DPMP		RF
573 /573	Sanitary Sewer: Manhole 18, STA 33 + 78 on Shelter Creek Dr.	6	Below Grade	03/29/2025	P3	8.6	121.3	96	95	-2 / 2	DPMP		RF
574 /574	Sanitary Sewer: Main, STA 35 + 00 on Shelter Creek Dr.	6	Below Grade	03/29/2025	P3	9.1	121.1	96	95	-2 / 2	DPMP		RF
575 /575	Sanitary Sewer: Service, Lot 143 (RHN/F2) on Shelter Creek Dr.	6	Below Grade	03/29/2025	P3	9.2	119.7	95	95	-2 / 2	DPMP		RF
576 /576	Sanitary Sewer: Service, Lot 144 (RHN/F2) on Shelter Creek Dr.	6	Below Grade	03/29/2025	P3	9.3	119.4	95	95	-2 / 2	DPMP		RF
577 /577	Sanitary Sewer: Service, Lot 167 on House Rock Dr.	10	Below Grade	03/29/2025	P2	10.4	117.2	98	98	-2 / 2	DPMP		RF
578 /578	Sanitary Sewer: Main, STA 11 + 50 on House Rock Dr.	10	Below Grade	03/29/2025	P2	10.9	117.4	98	98	-2 / 2	DPMP		RF
579 /579	Sanitary Sewer: Service, Lot 168 on House Rock Dr.	10	Below Grade	03/29/2025	P2	10.2	117.8	98	98	-2 / 2	DPMP		RF
580 /580	Sanitary Sewer: Service, Lot 169 on House Rock Dr.	10	Below Grade	03/29/2025	P2	10.3	117.3	98	98	-2 / 2	DPMP		RF
581 /581	Sanitary Sewer: Manhole 26, STA 10 + 00 on House Rock Dr.	10	Below Grade	03/29/2025	P3	9.4	123.1	98	98	-2 / 2	DPMP		RF
582 /582	Sanitary Sewer: Manhole 25, STA 12 + 95 on House Rock Dr.	4	Below Grade	03/29/2025	P2	9.7	113.8	95	95	-2 / 2	DPMP		RF
583 /583	Sanitary Sewer: Service, Lot 165 on House Rock Dr.	4	Below Grade	03/29/2025	P2	10.5	114.6	95	95	-2 / 2	DPMP		RF
584 /584	Sanitary Sewer: Service, Lot 166 on House Rock Dr.	4	Below Grade	03/29/2025	P2	10.1	115.8	96	95	-2 / 2	DPMP		RF



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585 /585	Sanitary Sewer: Service, Lot 198 on Crystal Falls Dr.	2	Below Grade	03/29/2025	P3	8.8	119.2	95	95	-2 / 2	DPMP		RF
586 /586	Sanitary Sewer: Service, Lot 199 on Crystal Falls Dr.	2	Below Grade	03/29/2025	P3	8.6	119.6	95	95	-2 / 2	DPMP		RF
587 /587	Sanitary Sewer: Service, Lot 215 on Crystal Falls Dr.	2	Below Grade	03/29/2025	P3	8.8	119.2	95	95	-2 / 2	DPMP		RF
588 /588	Sanitary Sewer: Manhole 30, STA 14 + 60 on Crystal Falls Dr.	2	Below Grade	03/29/2025	P3	9.3	118.9	95	95	-2 / 2	DPMP		RF
589 /589	Sanitary Sewer: Service, Lot 130 on Shelter Creek Dr.	2	Below Grade	03/29/2025	P3	8.3	119.8	95	95	-2 / 2	DPMP		RF
590 /590	Sanitary Sewer: Service, Lot 169 on House Rock Dr.	8	Below Grade	03/29/2025	P2	9.8	114.4	95	95	-2 / 2	DPMP		RF
591 /591	Sanitary Sewer: Service, Lot 168 on House Rock Dr.	8	Below Grade	03/29/2025	P2	9.4	114.6	95	95	-2 / 2	DPMP		RF
592 /592	Sanitary Sewer: Main, STA 11 + 50 on House Rock Dr.	8	Below Grade	03/29/2025	P2	9.6	113.8	95	95	-2 / 2	DPMP		RF
593 /593	Sanitary Sewer: Service, Lot 167 on House Rock Dr.	8	Below Grade	03/29/2025	P2	9.9	114.3	95	95	-2 / 2	DPMP		RF
594 /594	Sanitary Sewer: Manhole 26, STA 10 + 00 on House Rock Dr.	8	Below Grade	03/31/2025	P3	9.2	119.3	95	95	-2 / 2	DPMP		RF
595 /595	Sanitary Sewer: Service, Lot 127 on Shelter Creek Dr.	6	Below Grade	03/31/2025	P3	9.4	119.5	95	95	-2 / 2	DPMP		RF
596 /596	Sanitary Sewer: Service, Lot 144 (RHN/F2) on Shelter Creek Dr.	4	Below Grade	03/31/2025	P3	9.5	119.3	95	95	-2 / 2	DPMP		RF
597 /597	Sanitary Sewer: Service, Lot 143 (RHN/F2) on Shelter Creek Dr.	4	Below Grade	03/31/2025	P3	9.4	119.5	95	95	-2 / 2	DPMP		RF
598 /598	Sanitary Sewer: Main, STA 35 + 00 on Shelter Creek Dr.	4	Below Grade	03/31/2025	P3	9.2	119.1	95	95	-2 / 2	DPMP		RF
599 /599	Sanitary Sewer: Service, Lot 216 on Crystal Falls Dr.	2	Below Grade	03/31/2025	P3	8.9	119.1	95	95	-2 / 2	DPMP		RF



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Rolling Hills Ranch North F1
Peyton, 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
600 /600	Sanitary Sewer: Service, Lot 217 on Crystal Falls Dr.	4	Below Grade	03/31/2025	P3	9.1	120.5	96	95	-2 / 2	DPMP		RF
601 /601	Sanitary Sewer: Service, Lot 197 on Crystal Falls Dr.	2	Below Grade	03/31/2025	P3	9.3	120.4	96	95	-2 / 2	DPMP		RF
602 /602	Sanitary Sewer: Service, Lot 126 on Sunrise Ridge Dr.	10	Below Grade	03/31/2025	P2	11.2	118.1	98	98	-2 / 2	DPMP		RF
603 /603	Sanitary Sewer: Main, 75 + 50 on Sunrise Ridge Dr.	10	Below Grade	03/31/2025	P2	11.7	117.9	98	98	-2 / 2	DPMP		RF
604 /604	Sanitary Sewer: Service, Lot 188 on Sunrise Ridge Dr.	10	Below Grade	03/31/2025	P2	11.8	117.7	98	98	-2 / 2	DPMP		RF
605 /605	Sanitary Sewer: Manhole 18, STA 33 + 78 on Shelter Creek Dr.	4	Below Grade	03/31/2025	P3	9.4	119.1	95	95	-2 / 2	DPMP		RF
606 /606	Sanitary Sewer: Service, Lot 128 on Shelter Creek Dr.	4	Below Grade	03/31/2025	P3	9.4	118.9	95	95	-2 / 2	DPMP		RF
607 /607	Sanitary Sewer: Service, Lot 169 on House Rock Dr.	6	Below Grade	03/31/2025	P2	10.5	114.1	95	95	-2 / 2	DPMP		RF
608 /608	Sanitary Sewer: Service, Lot 168 on House Rock Dr.	6	Below Grade	03/31/2025	P2	10.3	114.2	95	95	-2 / 2	DPMP		RF
609 /609	Sanitary Sewer: Main, STA 11 + 50 on House Rock Dr.	6	Below Grade	03/31/2025	P2	10.3	115.6	96	95	-2 / 2	DPMP		RF
610 /610	Sanitary Sewer: Service, Lot 167 on House Rock Dr.	6	Below Grade	03/31/2025	P2	10.1	115.3	96	95	-2 / 2	DPMP		RF
611 /611	Sanitary Sewer: Service, Lot 166 on House Rock Dr.	2	Below Grade	03/31/2025	P2	11.4	115.1	96	95	-2 / 2	DPMP		RF
612 /612	Sanitary Sewer: Service, Lot 165 on House Rock Dr.	2	Below Grade	03/31/2025	P2	9.7	113.9	95	95	-2 / 2	DPMP		RF
613 /613	Sanitary Sewer: Manhole 25, STA 12 + 95 on House Rock Dr.	2	Below Grade	03/31/2025	P2	10.1	115.3	96	95	-2 / 2	DPMP		RF
614 /614	Sanitary Sewer: Main, STA 35 + 00 on Shelter Creek Dr.	2	Below Grade	03/31/2025	P3	9.2	119.8	95	95	-2 / 2	DPMP		RF



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

Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
615 /615	Sanitary Sewer: Service, Lot 143 on Shelter Creek Dr.	2	Below Grade	03/31/2025	P3	9.3	119.8	95	95	-2 / 2	DPMP		RF
616 /616	Sanitary Sewer: Service, Lot 217 on Crystal Falls Dr.	2	Below Grade	03/31/2025	P3	9.3	119.3	95	95	-2 / 2	DPMP		RF
617 /617	Sanitary Sewer: Main, STA 16 + 00 on Crystal Falls Dr.	2	Below Grade	03/31/2025	P2	10.9	115.2	96	95	-2 / 2	DPMP		RF
618 /618	Sanitary Sewer: Service, Lot 218 on Crystal Falls Dr.	2	Below Grade	03/31/2025	P2	9.9	114.1	95	95	-2 / 2	DPMP		RF
619 /619	Sanitary Sewer: Service, Lot 127 on Shelter Creek Dr.	4	Below Grade	03/31/2025	P3	9.3	119.2	95	95	-2 / 2	DPMP		RF
620 /620	Sanitary Sewer: Service, Lot 129 on Shelter Creek Dr.	2	Below Grade	03/31/2025	P3	9.3	120.0	95	95	-2 / 2	DPMP		RF

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 D1557 - B	SW	7.5	125.8
P2	ASTM D1557 - A	ML	10.1	120.1

04/04/2025

Reviewed by: Joey Goode, PE



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Project:

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Rolling Hills Ranch North F1
Peyton, 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
621 /621	Sanitary Sewer: Service, Lot 127 on Shelter Creek Dr.	2	Below Grade	04/01/2025	P3	9.1	119.4	95	95	-2 / 2	DPMP		RF
622 /622	Sanitary Sewer: Manhole 18, STA 33 + 78 on Shelter Creek Dr.	2	Below Grade	04/01/2025	P3	9.4	119.2	95	95	-2 / 2	DPMP		RF
623 /623	Sanitary Sewer: Service, Lot 144 on Shelter Creek Dr.	2	Below Grade	04/01/2025	P3	9.3	119.3	95	95	-2 / 2	DPMP		RF
624 /624	Sanitary Sewer: Manhole 26, STA 10 + 00 on House Rock Dr.	6	Below Grade	04/01/2025	P3	9.2	119.4	95	95	-2 / 2	DPMP		RF
625 /625	Sanitary Sewer: Service, Lot 169 on House Rock Dr.	4	Below Grade	04/01/2025	P2	9.8	115.3	96	95	-2 / 2	DPMP		RF
626 /626	Sanitary Sewer: Service, Lot 168 on House Rock Dr.	4	Below Grade	04/01/2025	P2	9.7	113.8	95	95	-2 / 2	DPMP		RF
627 /627	Sanitary Sewer: Main, STA 11 + 50 on House Rock Dr.	4	Below Grade	04/01/2025	P2	9.6	114.1	95	95	-2 / 2	DPMP		RF
628 /628	Sanitary Sewer: Service, Lot 167 on House Rock Dr.	4	Below Grade	04/01/2025	P2	10.4	115.8	96	95	-2 / 2	DPMP		RF
629 /629	Sanitary Sewer: Service, Lot 188 on Sunrise Ridge Dr.	8	Below Grade	04/01/2025	P2	11.1	115.4	96	95	-2 / 2	DPMP		RF
630 /630	Sanitary Sewer: Service, Lot 126 on Sunrise Ridge Dr.	8	Below Grade	04/01/2025	P2	11.2	113.8	95	95	-2 / 2	DPMP		RF
631 /631	Sanitary Sewer: Main, STA 78 + 50 on Sunrise Ridge Dr.	8	Below Grade	04/01/2025	P2	10.8	114.6	95	95	-2 / 2	DPMP		RF
632 /632	Sanitary Sewer: Manhole 26, STA 10 + 00 on House Rock Dr.	4	Below Grade	04/01/2025	P3	8.8	119.7	95	95	-2 / 2	DPMP		RF
633 /633	Sanitary Sewer: Service, Lot 169 on House Rock Dr.	2	Below Grade	04/01/2025	P2	10.6	115.7	96	95	-2 / 2	DPMP		RF
634 /634	Sanitary Sewer: Service, Lot 168 on House Rock Dr.	2	Below Grade	04/01/2025	P2	10.5	115.2	96	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
635 /635	Sanitary Sewer: Main, STA 11 + 50 on House Rock Dr.	2	Below Grade	04/01/2025	P2	10.2	114.3	95	95	-2 / 2	DPMP		RF
636 /636	Sanitary Sewer: Service, Lot 167 on House Rock Dr.	2	Below Grade	04/01/2025	P2	10.1	116.1	97	95	-2 / 2	DPMP		RF
637 /637	Sanitary Sewer: Service, Lot 187 on Sunrise Ridge Dr.	10	Below Grade	04/01/2025	P2	10.8	117.6	98	98	-2 / 2	DPMP		RF
638 /638	Sanitary Sewer: Service, Lot 125 on Sunrise Ridge Dr.	10	Below Grade	04/01/2025	P2	11.1	117.3	98	98	-2 / 2	DPMP		RF
639 /639	Sanitary Sewer: Manhole 19, STA 77 + 75 on Sunrise Ridge Dr.	10	Below Grade	04/01/2025	P2	10.9	117.7	98	98	-2 / 2	DPMP		RF
640 /640	Sanitary Sewer: Service, Lot 124 on Sunrise Ridge Dr.	10	Below Grade	04/01/2025	P2	11.1	117.1	98	98	-2 / 2	DPMP		RF
641 /641	Sanitary Sewer: Service, Lot 186 on Sunrise Ridge Dr.	10	Below Grade	04/01/2025	P2	10.8	117.6	98	98	-2 / 2	DPMP		RF
642 /642	Sanitary Sewer: Service, Lot 171 on Sunrise Ridge Dr.	10	Below Grade	04/01/2025	P2	11.2	117.7	98	98	-2 / 2	DPMP		RF
643 /643	Sanitary Sewer: Main, STA 69 + 00 on Sunrise Ridge Dr.	10	Below Grade	04/01/2025	P2	11.5	117.8	98	98	-2 / 2	DPMP		RF
644 /644	Sanitary Sewer: Service, Lot 170 on Sunrise Ridge Dr.	10	Below Grade	04/01/2025	P2	11.2	117.3	98	98	-2 / 2	DPMP		RF
645 /645	Sanitary Sewer: Service, Lot 128 on Shelter Creek Dr.	2	Below Grade	04/02/2025	P3	9.1	119.2	95	95	-2 / 2	DPMP		RF
646 /646	Sanitary Sewer: Main, STA 78 + 50 on Sunrise Ridge Dr.	6	Below Grade	04/02/2025	P2	10.8	117.2	98	95	-2 / 2	DPMP		RF
647 /647	Sanitary Sewer: Service, Lot 126 on Sunrise Ridge Dr.	6	Below Grade	04/02/2025	P2	10.9	118.1	98	95	-2 / 2	DPMP		RF
648 /648	Sanitary Sewer: Service, Lot 188 on Sunrise Ridge Dr.	6	Below Grade	04/02/2025	P2	10.2	116.6	97	95	-2 / 2	DPMP		RF
649 /649	Sanitary Sewer: Service, Lot 171 on Sunrise Ridge Dr.	8	Below Grade	04/02/2025	P2	12.1	113.7	95	95	-2 / 2	DPMP		RF



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Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, CO

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650 /650	Sanitary Sewer: Main, STA 69 + 00 on Sunrise Ridge Dr.	8	Below Grade	04/02/2025	P2	11.5	113.6	95	95	-2 / 2	DPMP		RF
651 /651	Sanitary Sewer: Service, Lot 170 on Sunrise Ridge Dr.	8	Below Grade	04/02/2025	P2	12.1	114.2	95	95	-2 / 2	DPMP		RF
652 /652	Sanitary Sewer: Manhole 26, STA 10 + 00 on House Rock Dr.	2	Below Grade	04/02/2025	P3	9.3	119.2	95	95	-2 / 2	DPMP		RF
653 /653	Sanitary Sewer: Manhole 19, STA 77 + 75 on Sunrise Ridge Dr.	8	Below Grade	04/02/2025	P2	10.7	115.7	96	95	-2 / 2	DPMP		RF
654 /654	Sanitary Sewer: Service, Lot 124 on Sunrise Ridge Dr.	8	Below Grade	04/02/2025	P2	10.3	113.7	95	95	-2 / 2	DPMP		RF
655 /655	Sanitary Sewer: Service, Lot 186 on Sunrise Ridge Dr.	8	Below Grade	04/02/2025	P2	11.1	114.4	95	95	-2 / 2	DPMP		RF
656 /656	Sanitary Sewer: Service, Lot 123 on Sunrise Ridge Dr.	10	Below Grade	04/02/2025	P2	11.4	117.1	98	98	-2 / 2	DPMP		RF
657 /657	Sanitary Sewer: Service, Lot 185 on Sunrise Ridge Dr.	10	Below Grade	04/02/2025	P2	11.2	117.9	98	98	-2 / 2	DPMP		RF
658 /658	Sanitary Sewer: Main, STA 76 + 50 on Sunrise Ridge Dr.	10	Below Grade	04/02/2025	P2	10.7	117.8	98	98	-2 / 2	DPMP		RF
659 /659	Sanitary Sewer: Service, Lot 122 on Sunrise Ridge Dr.	10	Below Grade	04/02/2025	P2	11.1	117.4	98	98	-2 / 2	DPMP		RF
660 /660	Sanitary Sewer: Service, Lot 184 on Sunrise Ridge Dr.	10	Below Grade	04/02/2025	P2	11.3	117.2	98	98	-2 / 2	DPMP		RF
661 /661	Sanitary Sewer: Service, Lot 199 on Crystal Falls Dr.	-	At Grade	04/02/2025	P3	9.1	119.0	95	95	-2 / 2	DPMP		RF
662 /662	Sanitary Sewer: Service, Lot 198 on Crystal Falls Dr.	-	At Grade	04/02/2025	P3	8.7	121.8	97	95	-2 / 2	DPMP		RF
663 /663	Sanitary Sewer: Service, Lot 197 on Crystal Falls Dr.	-	At Grade	04/02/2025	P3	9.3	120.4	96	95	-2 / 2	DPMP		RF
664 /664	Sanitary Sewer: Service, Lot 196 on Crystal Falls Dr.	-	At Grade	04/02/2025	P2	12.1	114.8	96	95	-2 / 2	DPMP		RF



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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
665 /665	Sanitary Sewer: Service, Lot 195 on Crystal Falls Dr.	-	At Grade	04/02/2025	P2	11.4	113.6	95	95	-2 / 2	DPMP		RF
666 /666	Sanitary Sewer: Service, Lot 216 on Crystal Falls Dr.	-	At Grade	04/02/2025	P3	9.2	119.0	95	95	-2 / 2	DPMP		RF
667 /667	Sanitary Sewer: Service, Lot 217 on Crystal Falls Dr.	-	At Grade	04/02/2025	P3	9.1	119.1	95	95	-2 / 2	DPMP		RF
668 /668	Sanitary Sewer: Service, Lot 218 on Crystal Falls Dr.	-	At Grade	04/02/2025	P2	11.2	114.3	95	95	-2 / 2	DPMP		RF
669 /669	Sanitary Sewer: Service, Lot 219 on Crystal Falls Dr.	-	At Grade	04/02/2025	P2	11.4	115.4	96	95	-2 / 2	DPMP		RF
670 /670	Sanitary Sewer: Service, Lot 220 on Crystal Falls Dr.	-	At Grade	04/02/2025	P2	11.8	114.3	95	95	-2 / 2	DPMP		RF
671 /671	Sanitary Sewer: Service, Lot 221 on Crystal Falls Dr.	-	At Grade	04/02/2025	P2	11.7	114.4	95	95	-2 / 2	DPMP		RF
672 /672	Sanitary Sewer: Service, Lot 192 on Crystal Falls Dr.	-	At Grade	04/02/2025	P2	10.9	114.6	95	95	-2 / 2	DPMP		RF
673 /673	Sanitary Sewer: Service, Lot 193 on Crystal Falls Dr.	-	At Grade	04/02/2025	P2	11.7	113.8	95	95	-2 / 2	DPMP		RF
674 /674	Sanitary Sewer: Main, STA 17 + 50 on Crystal Falls Dr.	-	At Grade	04/02/2025	P2	11.5	114.8	96	95	-2 / 2	DPMP		RF
675 /675	Sanitary Sewer: Service, Lot 194 on Crystal Falls Dr.	-	At Grade	04/02/2025	P2	11.2	114.2	95	95	-2 / 2	DPMP		RF
676 /676	Sanitary Sewer: Main, STA 16 + 00 on Crystal Falls Dr.	-	At Grade	04/02/2025	P2	10.2	116.4	97	95	-2 / 2	DPMP		RF
677 /677	Sanitary Sewer: Manhole 30, STA 14 + 60 on Crystal Falls Dr.	-	At Grade	04/02/2025	P3	9.3	119.2	95	95	-2 / 2	DPMP		RF
678 /678	Sanitary Sewer: Service, Lot 215 on Crystal Falls Dr.	-	At Grade	04/02/2025	P3	9.1	121.1	96	95	-2 / 2	DPMP		RF
679 /679	Sanitary Sewer: Service, Lot 187 on Sunrise Ridge Dr.	8	Below Grade	04/02/2025	P2	11.2	116.1	97	95	-2 / 2	DPMP		RF



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250235
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680 /680	Sanitary Sewer: Service, Lot 186 on Sunrise Ridge Dr.	6	Below Grade	04/02/2025	P2	10.4	115.8	96	95	-2 / 2	DPMP		RF
681 /681	Sanitary Sewer: Service, Lot 124 on Sunrise Ridge Dr.	6	Below Grade	04/02/2025	P2	10.5	116.9	97	95	-2 / 2	DPMP		RF
682 /682	Sanitary Sewer: Manhole 19, STA 77 + 75 on Sunrise Ridge Dr.	6	Below Grade	04/02/2025	P2	10.4	114.7	96	95	-2 / 2	DPMP		RF
683 /683	Sanitary Sewer: Service, Lot 125 on Sunrise Ridge Dr.	8	Below Grade	04/02/2025	P2	10.7	115.6	96	95	-2 / 2	DPMP		RF
684 /684	Sanitary Sewer: Service, Lot 170 on Sunrise Ridge Dr.	6	Below Grade	04/02/2025	P2	11.2	113.7	95	95	-2 / 2	DPMP		RF
685 /685	Sanitary Sewer: Service, Lot 171 on Sunrise Ridge Dr.	6	Below Grade	04/02/2025	P2	10.7	114.1	95	95	-2 / 2	DPMP		RF
686 /686	Sanitary Sewer: Main, STA 69 + 00 on Sunrise Ridge Dr.	6	Below Grade	04/02/2025	P2	11.1	114.6	95	95	-2 / 2	DPMP		RF
687 /687	Sanitary Sewer: Service, Lot 170 on Sunrise Ridge Dr.	4	Below Grade	04/03/2025	P2	10.9	113.9	95	95	-2 / 2	DPMP		RF
688 /688	Sanitary Sewer: Service, Lot 171 on Sunrise Ridge Dr.	4	Below Grade	04/03/2025	P2	10.5	115.9	97	95	-2 / 2	DPMP		RF
689 /689	Sanitary Sewer: Main, STA 69 + 00 on Sunrise Ridge Dr.	4	Below Grade	04/03/2025	P2	10.9	114.4	95	95	-2 / 2	DPMP		RF
690 /690	Sanitary Sewer: Manhole 27, STA 11 + 00 on Sunrise Ridge Dr.	10	Below Grade	04/03/2025	P2	10.8	117.9	98	95	-2 / 2	DPMP		RF
691 /691	Sanitary Sewer: Service, Lot 172 on Sunrise Ridge Dr.	10	Below Grade	04/03/2025	P2	10.8	118.1	98	98	-2 / 2	DPMP		RF
692 /692	Sanitary Sewer: Service, Lot 171 on Sunrise Ridge Dr.	2	Below Grade	04/03/2025	P2	10.2	114.0	95	95	-2 / 2	DPMP		RF
693 /693	Sanitary Sewer: Service, Lot 170 on Sunrise Ridge Dr.	2	Below Grade	04/03/2025	P2	10.2	114.5	95	95	-2 / 2	DPMP		RF
694 /694	Sanitary Sewer: Main, STA 69 + 00 on Sunrise Ridge Dr.	2	Below Grade	04/03/2025	P2	10.4	114.3	95	95	-2 / 2	DPMP		RF



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695 /695	Sanitary Sewer: Service, Lot 125 on Sunrise Ridge Dr.	6	Below Grade	04/03/2025	P2	10.7	116.1	97	95	-2 / 2	DPMP		RF
696 /696	Sanitary Sewer: Service, Lot 187 on Sunrise Ridge Dr.	6	Below Grade	04/03/2025	P2	10.9	115.3	96	95	-2 / 2	DPMP		RF
697 /697	Sanitary Sewer: Service, Lot 123 on Sunrise Ridge Dr.	8	Below Grade	04/03/2025	P2	10.8	114.5	95	95	-2 / 2	DPMP		RF
698 /698	Sanitary Sewer: Service, Lot 185 on Sunrise Ridge Dr.	8	Below Grade	04/03/2025	P2	10.7	115.6	96	95	-2 / 2	DPMP		RF
699 /699	Sanitary Sewer: Main, STA 76 + 50 on Sunrise Ridge Dr.	8	Below Grade	04/03/2025	P2	11.1	114.4	95	95	-2 / 2	DPMP		RF
700 /700	Sanitary Sewer: Service, Lot 122 on Sunrise Ridge Dr.	8	Below Grade	04/03/2025	P2	11.3	113.8	95	95	-2 / 2	DPMP		RF
701 /701	Sanitary Sewer: Service, Lot 183 on Sunrise Ridge Dr.	10	Below Grade	04/03/2025	P2	11.8	118.1	98	98	-2 / 2	DPMP		RF
702 /702	Sanitary Sewer: Service, Lot 121 on Sunrise Ridge Dr.	10	Below Grade	04/03/2025	P2	11.3	117.8	98	98	-2 / 2	DPMP		RF
703 /703	Sanitary Sewer: Service, Lot 120 on Sunrise Ridge Dr.	10	Below Grade	04/03/2025	P2	11.1	117.8	98	98	-2 / 2	DPMP		RF
704 /704	Sanitary Sewer: Service, Lot 172 on Sunrise Ridge Dr.	8	Below Grade	04/03/2025	P2	11.0	114.1	95	95	-2 / 2	DPMP		RF
705 /705	Sanitary Sewer: Manhole 27, STA 69 + 69 on Sunrise Ridge Dr.	8	Below Grade	04/03/2025	P2	11.4	113.8	95	95	-2 / 2	DPMP		RF
706 /706	Sanitary Sewer: Manhole 28, STA 11 + 00 on Cardenas Dr.	10	Below Grade	04/03/2025	P3	9.1	122.8	98	98	-2 / 2	DPMP		RF
707 /707	Sanitary Sewer: Service, Lot 84 (RHN/F2) on Cardenas Dr.	10	Below Grade	04/03/2025	P3	9.1	122.6	98	98	-2 / 2	DPMP		RF
708 /708	Sanitary Sewer: Service, Lot 84 (RHN/F2) on Cardenas Dr.	8	Below Grade	04/03/2025	P3	9.0	119.8	95	95	-2 / 2	DPMP		RF
709 /709	Sanitary Sewer: Manhole 28, STA 11 + 00 on Cardenas Dr.	8	Below Grade	04/03/2025	P3	9.3	119.2	95	95	-2 / 2	DPMP		RF



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Rolling Hills Ranch North F1
Peyton, 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
710 /710	Sanitary Sewer: Manhole 27, STA 69 + 69 on Sunrise Ridge Dr.	6	Below Grade	04/03/2025	P2	11.8	113.9	95	95	-2 / 2	DPMP		RF
711 /711	Sanitary Sewer: Service, Lot 172 on Sunrise Ridge Dr.	6	Below Grade	04/03/2025	P2	11.7	114.2	95	95	-2 / 2	DPMP		RF

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 D1557 - B	SW	7.5	125.8
P2	ASTM D1557 - A	ML	10.1	120.1

04/10/2025

Reviewed by: Joey Goode, PE



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

Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
712 /712	Sanitary Sewer: Service, Lot 133 on Shelter Creek Dr.	6	Below Grade	04/04/2025	P3	9.1	119.8	95	95	-2 / 2	DPMP		RF
713 /713	Sanitary Sewer: Service, Lot 84 (RHN/F2) on Cardenas Dr.	6	Below Grade	04/04/2025	P3	9.1	119.5	95	95	-2 / 2	DPMP		RF
714 /714	Sanitary Sewer: Service, Lot 172 on Sunrise Ridge Dr.	4	Below Grade	04/04/2025	P2	12.1	114.6	95	95	-2 / 2	DPMP		RF
715 /715	Sanitary Sewer: Manhole 27, STA 69 + 69 on Sunrise Ridge Dr.	4	Below Grade	04/04/2025	P2	11.3	114.3	95	95	-2 / 2	DPMP		RF
716 /716	Sanitary Sewer: Main, STA 78 + 50 on Sunrise Ridge Dr.	4	Below Grade	04/04/2025	P2	11.4	113.8	95	95	-2 / 2	DPMP		RF
717 /717	Sanitary Sewer: Service, Lot 126 on Sunrise Ridge Dr.	4	Below Grade	04/04/2025	P2	10.8	114.1	95	95	-2 / 2	DPMP		RF
718 /718	Sanitary Sewer: Service, Lot 188 on Sunrise Ridge Dr.	4	Below Grade	04/04/2025	P2	11.1	114.3	95	95	-2 / 2	DPMP		RF
719 /719	Sanitary Sewer: Service, Lot 184 on Sunrise Ridge Dr.	8	Below Grade	04/04/2025	P2	11.7	113.8	95	95	-2 / 2	DPMP		RF
720 /720	Sanitary Sewer: Service, Lot 121 on Sunrise Ridge Dr.	8	Below Grade	04/04/2025	P2	10.6	114.4	95	95	-2 / 2	DPMP		RF
721 /721	Sanitary Sewer: Service, Lot 120 on Sunrise Ridge Dr.	8	Below Grade	04/04/2025	P2	10.9	115.4	96	95	-2 / 2	DPMP		RF
722 /722	Sanitary Sewer: Service, Lot 183 on Sunrise Ridge Dr.	8	Below Grade	04/04/2025	P2	10.9	114.6	95	95	-2 / 2	DPMP		RF
723 /723	Sanitary Sewer: Service, Lot 119 on Sunrise Ridge Dr.	10	Below Grade	04/04/2025	P2	11.8	117.1	98	98	-2 / 2	DPMP		RF
724 /724	Sanitary Sewer: Main, STA 11 + 50 on Cardenas Dr.	10	Below Grade	04/04/2025	P3	9.2	122.6	98	98	-2 / 2	DPMP		RF
725 /725	Sanitary Sewer: Service, Lot 85 (RHN/F2) on Cardenas Dr.	10	Below Grade	04/04/2025	P3	8.9	123.1	98	98	-2 / 2	DPMP		RF



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Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
726 /726	Sanitary Sewer: Manhole 28, STA 11 + 00 on Cardenas Dr.	6	Below Grade	04/04/2025	P3	8.9	119.2	95	95	-2 / 2	DPMP		RF
727 /727	Sanitary Sewer: Service, Lot 126 on Sunrise Ridge Dr.	2	Below Grade	04/04/2025	P2	10.7	114.5	95	95	-2 / 2	DPMP		RF
728 /728	Sanitary Sewer: Main, STA 78 + 50 on Sunrise Ridge Dr.	2	Below Grade	04/04/2025	P2	10.6	113.6	95	95	-2 / 2	DPMP		RF
729 /729	Sanitary Sewer: Service, Lot 188 on Sunrise Ridge Dr.	2	Below Grade	04/04/2025	P2	10.7	114.8	96	95	-2 / 2	DPMP		RF
730 /730	Sanitary Sewer: Service, Lot 125 on Sunrise Ridge Dr.	4	Below Grade	04/04/2025	P2	10.4	114.1	95	95	-2 / 2	DPMP		RF
731 /731	Sanitary Sewer: Service, Lot 187 on Sunrise Ridge Dr.	4	Below Grade	04/04/2025	P2	10.5	114.2	95	95	-2 / 2	DPMP		RF
732 /732	Sanitary Sewer: Manhole 19, STA 77 + 75 on Sunrise Ridge Dr.	4	Below Grade	04/04/2025	P2	11.4	114.3	95	95	-2 / 2	DPMP		RF
733 /733	Sanitary Sewer: Service, Lot 124 on Sunrise Ridge Dr.	4	Below Grade	04/04/2025	P2	10.8	115.4	96	95	-2 / 2	DPMP		RF
734 /734	Sanitary Sewer: Service, Lot 186 on Sunrise Ridge Dr.	4	Below Grade	04/04/2025	P2	10.4	115.1	96	95	-2 / 2	DPMP		RF
735 /735	Sanitary Sewer: Service, Lot 185 on Sunrise Ridge Dr.	6	Below Grade	04/04/2025	P2	10.9	114.8	96	95	-2 / 2	DPMP		RF
736 /736	Sanitary Sewer: Service, Lot 123 on Sunrise Ridge Dr.	6	Below Grade	04/04/2025	P2	11.2	113.9	95	95	-2 / 2	DPMP		RF
737 /737	Sanitary Sewer: Service, Lot 122 on Sunrise Ridge Dr.	6	Below Grade	04/04/2025	P2	10.7	114.3	95	95	-2 / 2	DPMP		RF
738 /738	Sanitary Sewer: Main, STA 76 + 50 on Sunrise Ridge Dr.	6	Below Grade	04/04/2025	P2	11.7	114.2	95	95	-2 / 2	DPMP		RF
739 /739	Sanitary Sewer: Service, Lot 139 on Shelter Creek Dr.	-	At Grade	04/07/2025	P2	10.7	114.8	96	95	-2 / 2	DPMP		RF
740 /740	Sanitary Sewer: Service, Lot 138 on Shelter Creek Dr.	-	At Grade	04/07/2025	P2	9.5	115.6	96	95	-2 / 2	DPMP		RF



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Soil Density Report

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
741 /741	Sanitary Sewer: Service, Lot 137 on Shelter Creek Dr.	-	At Grade	04/07/2025	P2	9.7	114.6	95	95	-2 / 2	DPMP		RF
742 /742	Sanitary Sewer: Main, STA 29 + 00 on Shelter Creek Dr.	-	At Grade	04/07/2025	P2	10.3	115.6	96	95	-2 / 2	DPMP		RF
743 /743	Sanitary Sewer: Service, Lot 136 on Shelter Creek Dr.	-	At Grade	04/07/2025	P2	10.3	116.2	97	95	-2 / 2	DPMP		RF
744 /744	Sanitary Sewer: Service, Lot 135 on Shelter Creek Dr.	-	At Grade	04/07/2025	P2	10.5	113.7	95	95	-2 / 2	DPMP		RF
745 /745	Sanitary Sewer: Main, STA 30 + 00 on Shelter Creek Dr.	-	At Grade	04/07/2025	P2	10.1	116.2	97	95	-2 / 2	DPMP		RF
746 /746	Sanitary Sewer: Service, Lot 133 on Shelter Creek Dr.	4	Below Grade	04/07/2025	P3	8.7	119.4	95	95	-2 / 2	DPMP		RF
747 /747	Sanitary Sewer: Service, Lot 132 on Shelter Creek Dr.	-	At Grade	04/07/2025	P3	8.9	119.2	95	95	-2 / 2	DPMP		RF
748 /748	Sanitary Sewer: Service, Lot 131 on Shelter Creek Dr.	-	At Grade	04/07/2025	P3	8.7	123.0	98	95	-2 / 2	DPMP		RF
749 /749	Sanitary Sewer: Main, STA 32 + 00 on Shelter Creek Dr.	-	At Grade	04/07/2025	P3	9.1	119.3	95	95	-2 / 2	DPMP		RF
750 /750	Sanitary Sewer: Service, Lot 130 on Shelter Creek Dr.	-	At Grade	04/07/2025	P3	8.7	119.4	95	95	-2 / 2	DPMP		RF
751 /751	Sanitary Sewer: Service, Lot 129 on Shelter Creek Dr.	-	At Grade	04/07/2025	P3	8.8	119.4	95	95	-2 / 2	DPMP		RF
752 /752	Sanitary Sewer: Service, Lot 128 on Shelter Creek Dr.	-	At Grade	04/07/2025	P3	8.7	119.2	95	95	-2 / 2	DPMP		RF
753 /753	Sanitary Sewer: Service, Lot 127 on Shelter Creek Dr.	-	At Grade	04/07/2025	P3	8.7	119.0	95	95	-2 / 2	DPMP		RF
754 /754	Sanitary Sewer: Service, Lot 144 (RHN/F2) on Shelter Creek Dr.	-	At Grade	04/07/2025	P3	8.7	119.5	95	95	-2 / 2	DPMP		RF
755 /755	Sanitary Sewer: Service, Lot 143 (RHN/F2) on Shelter Creek Dr.	-	At Grade	04/07/2025	P3	8.3	120.5	96	95	-2 / 2	DPMP		RF



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Soil Density Report

Client:

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
756 /756	Sanitary Sewer: Main, STA 35 + 00 on Shelter Creek Dr.	-	At Grade	04/07/2025	P3	9.0	123.4	98	95	-2 / 2	DPMP		RF
757 /757	Sanitary Sewer: Manhole 18, STA 33 + 78 on Shelter Creek Dr.	-	At Grade	04/07/2025	P3	8.7	119.8	95	95	-2 / 2	DPMP		RF
758 /758	Sanitary Sewer: Service, Lot 187 on Sunrise Ridge Dr.	2	Below Grade	04/07/2025	P2	11.1	114.3	95	95	-2 / 2	DPMP		RF
759 /759	Sanitary Sewer: Service, Lot 125 on Sunrise Ridge Dr.	2	Below Grade	04/07/2025	P2	11.3	114.4	95	95	-2 / 2	DPMP		RF
760 /760	Sanitary Sewer: Manhole 25, STA 13 + 95 on House Rock Dr.	-	At Grade	04/07/2025	P2	9.2	114.5	95	95	-2 / 2	DPMP		RF
761 /761	Sanitary Sewer: Service, Lot 165 on House Rock Dr.	-	At Grade	04/07/2025	P2	10.6	114.1	95	95	-2 / 2	DPMP		RF
762 /762	Sanitary Sewer: Service, Lot 166 on House Rock Dr.	-	At Grade	04/07/2025	P2	10.5	115.0	96	95	-2 / 2	DPMP		RF
763 /763	Sanitary Sewer: Service, Lot 167 on House Rock Dr.	-	At Grade	04/07/2025	P2	10.5	114.8	96	95	-2 / 2	DPMP		RF
764 /764	Sanitary Sewer: Main, STA 11 + 50 on House Rock Dr.	-	At Grade	04/07/2025	P2	10.2	118.1	98	95	-2 / 2	DPMP		RF
765 /765	Sanitary Sewer: Service, Lot 168 on House Rock Dr.	-	At Grade	04/07/2025	P2	10.0	115.1	96	95	-2 / 2	DPMP		RF
766 /766	Sanitary Sewer: Service, Lot 169 on House Rock Dr.	-	At Grade	04/07/2025	P2	10.2	114.5	95	95	-2 / 2	DPMP		RF
767 /767	Sanitary Sewer: Manhole 26, STA 10 + 00 on House Rock Dr.	-	At Grade	04/07/2025	P3	8.9	119.9	95	95	-2 / 2	DPMP		RF
768 /768	Sanitary Sewer: Service, Lot 84 (RHN/F2) on Cardenas Dr.	4	Below Grade	04/07/2025	P3	8.4	119.3	95	95	-2 / 2	DPMP		RF
769 /769	Sanitary Sewer: Main, STA 11 + 50 on Cardenas Dr.	8	Below Grade	04/07/2025	P3	8.8	119.7	95	95	-2 / 2	DPMP		RF
770 /770	Sanitary Sewer: Service, Lot 85 (RHN/F2) on Cardenas Dr.	8	Below Grade	04/07/2025	P3	9.1	119.8	95	95	-2 / 2	DPMP		RF



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Soil Density Report

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
771 /771	Sanitary Sewer: Manhole 28, STA 11 + 00 on Cardenas Dr.	4	At Grade	04/07/2025	P3	8.8	119.4	95	95	-2 / 2	DPMP		RF
772 /772	Sanitary Sewer: Service, Lot 172 on Sunrise Ridge Dr.	2	Below Grade	04/07/2025	P2	11.4	113.9	95	95	-2 / 2	DPMP		RF
773 /773	Sanitary Sewer: Manhole 27, STA 69 + 69 on Sunrise Ridge Dr.	2	Below Grade	04/07/2025	P3	9.3	119.6	95	95	-2 / 2	DPMP		RF
774 /774	Sanitary Sewer: Manhole 28, STA 11 + 00 on Cardenas Dr.	2	Below Grade	04/07/2025	P3	9.2	118.9	95	95	-2 / 2	DPMP		RF
775 /775	Sanitary Sewer: Service, Lot 85 on Cardenas Dr.	6	Below Grade	04/07/2025	P3	9.4	119.2	95	95	-2 / 2	DPMP		RF
776 /776	Sanitary Sewer: Main, STA 11 + 50 on Cardenas Dr.	6	Below Grade	04/07/2025	P3	9.0	119.7	95	95	-2 / 2	DPMP		RF
777 /777	Sanitary Sewer: Service, Lot 185 on Sunrise Ridge Dr.	4	Below Grade	04/07/2025	P2	10.9	113.9	95	95	-2 / 2	DPMP		RF
778 /778	Sanitary Sewer: Service, Lot 123 on Sunrise Ridge Dr.	4	Below Grade	04/07/2025	P2	10.8	114.4	95	95	-2 / 2	DPMP		RF
779 /779	Sanitary Sewer: Main, STA 76 + 50 on Sunrise Ridge Dr.	4	Below Grade	04/07/2025	P2	10.2	115.0	96	95	-2 / 2	DPMP		RF
780 /780	Sanitary Sewer: Service, Lot 122 on Sunrise Ridge Dr.	4	Below Grade	04/07/2025	P2	10.8	114.1	95	95	-2 / 2	DPMP		RF
781 /781	Sanitary Sewer: Service, Lot 184 on Sunrise Ridge Dr.	6	Below Grade	04/07/2025	P2	10.6	114.7	96	95	-2 / 2	DPMP		RF
782 /782	Sanitary Sewer: Service, Lot 121 on Sunrise Ridge Dr.	6	Below Grade	04/07/2025	P2	11.2	114.3	95	95	-2 / 2	DPMP		RF
783 /783	Sanitary Sewer: Service, Lot 183 on Sunrise Ridge Dr.	6	Below Grade	04/07/2025	P2	10.0	113.9	95	95	-2 / 2	DPMP		RF
784 /784	Sanitary Sewer: Service, Lot 120 on Sunrise Ridge Dr.	6	Below Grade	04/07/2025	P2	10.2	114.4	95	95	-2 / 2	DPMP		RF
785 /785	Sanitary Sewer: Service, Lot 119 on Sunrise Ridge Dr.	8	Below Grade	04/07/2025	P2	10.7	113.8	95	95	-2 / 2	DPMP		RF



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Soil Density Report

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
786 /786	Sanitary Sewer: Service, Lot 182 on Sunrise Ridge Dr.	10	Below Grade	04/07/2025	P2	10.5	118.2	98	98	-2 / 2	DP/MP		RF

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 D1557 - B	SW	7.5	125.8
P2	ASTM D1557 - A	ML	10.1	120.1

04/13/2025

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
787 /787	Sanitary Sewer: Service, Lot 121 on Sunrise Ridge Dr.	4	Below Grade	04/08/2025	P2	10.6	113.9	95	95	-2 / 2	DPMP		RF
788 /788	Sanitary Sewer: Service, Lot 184 on Sunrise Ridge Dr.	4	Below Grade	04/08/2025	P2	10.0	114.4	95	95	-2 / 2	DPMP		RF
789 /789	Sanitary Sewer: Main, STA 76 + 50 on Sunrise Ridge Dr.	2	Below Grade	04/08/2025	P2	10.6	114.9	96	95	-2 / 2	DPMP		RF
790 /790	Sanitary Sewer: Service, Lot 122 on Sunrise Ridge Dr.	2	Below Grade	04/08/2025	P2	10.8	114.3	95	95	-2 / 2	DPMP		RF
791 /791	Sanitary Sewer: Service, Lot 185 on Sunrise Ridge Dr.	2	Below Grade	04/08/2025	P2	9.9	114.9	96	95	-2 / 2	DPMP		RF
792 /792	Sanitary Sewer: Service, Lot 123 on Sunrise Ridge Dr.	2	Below Grade	04/08/2025	P2	10.7	114.7	96	95	-2 / 2	DPMP		RF
793 /793	Sanitary Sewer: Service, Lot 186 on Sunrise Ridge Dr.	2	Below Grade	04/08/2025	P2	10.6	114.3	95	95	-2 / 2	DPMP		RF
794 /794	Sanitary Sewer: Service, Lot 124 on Sunrise Ridge Dr.	2	Below Grade	04/08/2025	P2	10.4	114.9	96	95	-2 / 2	DPMP		RF
795 /795	Sanitary Sewer: Service, Lot 178 on Sunrise Ridge Dr.	10	Below Grade	04/08/2025	P2	10.8	118.1	98	98	-2 / 2	DPMP		RF
796 /796	Sanitary Sewer: Service, Lot 115 on Sunrise Ridge Dr.	10	Below Grade	04/08/2025	P2	10.7	117.8	98	98	-2 / 2	DPMP		RF
797 /797	Sanitary Sewer: Service, Lot 116 on Sunrise Ridge Dr.	10	Below Grade	04/08/2025	P2	11.7	117.3	98	98	-2 / 2	DPMP		RF
798 /798	Sanitary Sewer: Service, Lot 179 on Sunrise Ridge Dr.	10	Below Grade	04/08/2025	P2	11.9	117.5	98	98	-2 / 2	DPMP		RF
799 /799	Sanitary Sewer: Service, Lot 180 on Sunrise Ridge Dr.	10	Below Grade	04/08/2025	P2	10.8	117.4	98	98	-2 / 2	DPMP		RF
800 /800	Sanitary Sewer: Service, Lot 117 on Sunrise Ridge Dr.	10	Below Grade	04/08/2025	P2	11.1	117.2	98	98	-2 / 2	DPMP		RF



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801 /801	Sanitary Sewer: Service, Lot 181 on Sunrise Ridge Dr.	10	Below Grade	04/08/2025	P2	10.9	117.7	98	98	-2 / 2	DPMP		RF
802 /802	Sanitary Sewer: Service, Lot 118 on Sunrise Ridge Dr.	10	Below Grade	04/08/2025	P2	11.1	117.6	98	98	-2 / 2	DPMP		RF
803 /803	Sanitary Sewer: Main, STA 74 + 50 on Sunrise Ridge Dr.	10	Below Grade	04/08/2025	P2	10.8	117.3	98	98	-2 / 2	DPMP		RF
804 /804	Sanitary Sewer: Service, Lot 182 on Sunrise Ridge Dr.	8	Below Grade	04/08/2025	P2	11.8	113.8	95	95	-2 / 2	DPMP		RF
805 /805	Sanitary Sewer: Service, Lot 119 on Sunrise Ridge Dr.	6	Below Grade	04/08/2025	P2	11.1	114.4	95	95	-2 / 2	DPMP		RF
806 /806	Sanitary Sewer: Service, Lot 183 on Sunrise Ridge Dr.	4	Below Grade	04/08/2025	P2	10.7	114.6	95	95	-2 / 2	DPMP		RF
807 /807	Sanitary Sewer: Service, Lot 120 on Sunrise Ridge Dr.	4	Below Grade	04/08/2025	P2	11.9	113.9	95	95	-2 / 2	DPMP		RF
808 /808	Sanitary Sewer: Main, STA 11 + 50 on Cardenas Dr.	4	Below Grade	04/08/2025	P3	9.1	119.3	95	95	-2 / 2	DPMP		RF
809 /809	Sanitary Sewer: Service, Lot 85 (RHN/F2) on Cardenas Dr.	4	Below Grade	04/08/2025	P3	8.9	119.2	95	95	-2 / 2	DPMP		RF
810 /810	Sanitary Sewer: Service, Lot 119 on Sunrise Ridge Dr.	4	Below Grade	04/08/2025	P2	10.1	114.1	95	95	-2 / 2	DPMP		RF
811 /811	Sanitary Sewer: Service, Lot 182 on Sunrise Ridge Dr.	6	Below Grade	04/08/2025	P2	10.4	115.7	96	95	-2 / 2	DPMP		RF
812 /812	Sanitary Sewer: Main, STA 74 + 50 on Sunrise Ridge Dr.	8	Below Grade	04/08/2025	P2	10.8	114.3	95	95	-2 / 2	DPMP		RF
813 /813	Sanitary Sewer: Service, Lot 118 on Sunrise Ridge Dr.	8	Below Grade	04/08/2025	P2	10.5	113.8	95	95	-2 / 2	DPMP		RF
814 /814	Sanitary Sewer: Service, Lot 117 on Sunrise Ridge Dr.	8	Below Grade	04/08/2025	P2	10.8	114.3	95	95	-2 / 2	DPMP		RF
815 /815	Sanitary Sewer: Manhole 29, STA 19 + 50 on Crystal Falls Dr.	10	Below Grade	04/08/2025	P3	9.3	122.6	98	98	-2 / 2	DPMP		RF



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

Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
816 /816	Sanitary Sewer: Service, Lot 190 on Crystal Falls Dr.	10	Below Grade	04/08/2025	P3	8.9	122.8	98	98	-2 / 2	DPMP		RF
817 /817	Sanitary Sewer: Service, Lot 189 on Crystal Falls Dr.	10	Below Grade	04/08/2025	P3	8.6	123.2	98	98	-2 / 2	DPMP		RF
818 /818	Sanitary Sewer: Main, STA 19 + 50 on Crystal Falls Dr.	10	Below Grade	04/08/2025	P3	9.1	123.1	98	98	-2 / 2	DPMP		RF
819 /819	Sanitary Sewer: Service, Lot 223 on Crystal Falls Dr.	10	Below Grade	04/08/2025	P3	9.3	122.8	98	98	-2 / 2	DPMP		RF
820 /820	Sanitary Sewer: Service, Lot 115 on Sunrise Ridge Dr.	8	Below Grade	04/08/2025	P2	10.9	115.7	96	95	-2 / 2	DPMP		RF
821 /821	Sanitary Sewer: Service, Lot 178 on Sunrise Ridge Dr.	8	Below Grade	04/08/2025	P2	11.0	113.7	95	95	-2 / 2	DPMP		RF
822 /822	Sanitary Sewer: Service, Lot 179 on Sunrise Ridge Dr.	8	Below Grade	04/08/2025	P2	11.4	114.3	95	95	-2 / 2	DPMP		RF
823 /823	Sanitary Sewer: Service, Lot 116 on Sunrise Ridge Dr.	8	Below Grade	04/08/2025	P2	11.9	113.8	95	95	-2 / 2	DPMP		RF
824 /824	Sanitary Sewer: Service, Lot 180 on Sunrise Ridge Dr.	8	Below Grade	04/08/2025	P2	10.2	115.2	96	95	-2 / 2	DPMP		RF
825 /825	Sanitary Sewer: Service, Lot 117 on Sunrise Ridge Dr.	6	Below Grade	04/08/2025	P2	10.2	115.4	96	95	-2 / 2	DPMP		RF
826 /826	Sanitary Sewer: Service, Lot 181 on Sunrise Ridge Dr.	6	Below Grade	04/08/2025	P2	10.7	113.8	95	95	-2 / 2	DPMP		RF
827 /827	Sanitary Sewer: Main, STA 74 + 50 on Sunrise Ridge Dr.	6	Below Grade	04/08/2025	P2	11.3	114.5	95	95	-2 / 2	DPMP		RF
828 /828	Sanitary Sewer: Service, Lot 118 on Sunrise Ridge Dr.	6	Below Grade	04/08/2025	P2	10.2	114.2	95	95	-2 / 2	DPMP		RF
829 /829	Sanitary Sewer: Service, Lot 85 (RHN/F2) on Cardenas Dr.	2	Below Grade	04/09/2025	P3	8.7	119.3	95	95	-2 / 2	DPMP		RF
830 /830	Sanitary Sewer: Main, STA 11 + 50 (RHN/F2) on Cardenas Dr.	2	Below Grade	04/09/2025	P3	8.7	120.6	96	95	-2 / 2	DPMP		RF



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Soil Density Report

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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
831 /831	Sanitary Sewer: Manhole 17, STA 30 + 78 on Shelter Creek Dr.	6	Below Grade	04/09/2025	P3	8.9	119.2	95	95	-2 / 2	DPMP		RF
832 /832	Sanitary Sewer: Main, STA 19 + 50 on Crystal Falls Dr.	8	Below Grade	04/09/2025	P3	8.9	119.6	95	95	-2 / 2	DPMP		RF
833 /833	Sanitary Sewer: Manhole 29, STA 19 + 05 on Crystal Falls Dr.	8	Below Grade	04/09/2025	P3	9.1	119.3	95	95	-2 / 2	DPMP		RF
834 /834	Sanitary Sewer: Service, Lot 190 on Crystal Falls Dr.	8	Below Grade	04/09/2025	P3	8.6	119.8	95	95	-2 / 2	DPMP		RF
835 /835	Sanitary Sewer: Service, Lot 189 on Crystal Falls Dr.	8	Below Grade	04/09/2025	P3	8.9	119.0	95	95	-2 / 2	DPMP		RF
836 /836	Sanitary Sewer: Service, Lot 223 on Crystal Falls Dr.	8	Below Grade	04/09/2025	P3	8.6	118.9	95	95	-2 / 2	DPMP		RF
837 /837	Sanitary Sewer: Service, Lot 178 on Sunrise Ridge Dr.	6	Below Grade	04/09/2025	P2	10.8	114.2	95	95	-2 / 2	DPMP		RF
838 /838	Sanitary Sewer: Service, Lot 115 on Sunrise Ridge Dr.	6	Below Grade	04/09/2025	P2	9.0	113.6	95	95	-2 / 2	DPMP		RF
839 /839	Sanitary Sewer: Service, Lot 179 on Sunrise Ridge Dr.	6	Below Grade	04/09/2025	P2	10.2	114.9	96	95	-2 / 2	DPMP		RF
840 /840	Sanitary Sewer: Service, Lot 116 on Sunrise Ridge Dr.	6	Below Grade	04/09/2025	P2	10.6	114.7	96	95	-2 / 2	DPMP		RF
841 /841	Sanitary Sewer: Service, Lot 180 on Sunrise Ridge Dr.	6	Below Grade	04/09/2025	P2	9.9	113.6	95	95	-2 / 2	DPMP		RF
842 /842	Sanitary Sewer: Service, Lot 117 on Sunrise Ridge Dr.	4	Below Grade	04/09/2025	P2	10.4	115.6	96	95	-2 / 2	DPMP		RF
843 /843	Sanitary Sewer: Service, Lot 181 on Sunrise Ridge Dr.	8	Below Grade	04/09/2025	P2	10.7	115.8	96	95	-2 / 2	DPMP		RF
844 /844	Sanitary Sewer: Service, Lot 118 on Sunrise Ridge Dr.	4	Below Grade	04/09/2025	P2	10.5	113.8	95	95	-2 / 2	DPMP		RF
845 /845	Sanitary Sewer: Main, STA 74 + 50 on Sunrise Ridge Dr.	4	Below Grade	04/09/2025	P2	10.0	113.8	95	95	-2 / 2	DPMP		RF



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Soil Density Report

Client:

Tech Contractors
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San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
846 /846	Sanitary Sewer: Manhole 29, STA 19 + 05 on Crystal Falls Dr.	6	Below Grade	04/09/2025	P3	9.3	119.5	95	95	-2 / 2	DPMP		RF
847 /847	Sanitary Sewer: Service, Lot 190 on Crystal Falls Dr.	6	Below Grade	04/09/2025	P3	9.1	119.7	95	95	-2 / 2	DPMP		RF
848 /848	Sanitary Sewer: Service, Lot 189 on Crystal Falls Dr.	6	Below Grade	04/09/2025	P3	9.0	119.6	95	95	-2 / 2	DPMP		RF
849 /849	Sanitary Sewer: Service, Lot 223 on Crystal Falls Dr.	6	Below Grade	04/09/2025	P3	9.2	118.9	95	95	-2 / 2	DPMP		RF
850 /850	Sanitary Sewer: Main, STA 19 + 50 on Crystal Falls Dr.	6	Below Grade	04/09/2025	P3	9.3	120.3	96	95	-2 / 2	DPMP		RF
851 /851	Sanitary Sewer: Manhole 17, STA 30 + 78 on Shelter Creek Dr.	4	Below Grade	04/09/2025	P3	9.4	119.5	95	95	-2 / 2	DPMP		RF
852 /852	Sanitary Sewer: Manhole 20, STA 72 + 75 on Sunrise Ridge Dr.	10	Below Grade	04/09/2025	P2	11.8	117.6	98	98	-2 / 2	DPMP		RF
853 /853	Sanitary Sewer: Service, Lot 178 on Sunrise Ridge Dr.	4	Below Grade	04/09/2025	P2	10.7	113.6	95	95	-2 / 2	DPMP		RF
854 /854	Sanitary Sewer: Service, Lot 179 on Sunrise Ridge Dr.	4	Below Grade	04/09/2025	P2	10.4	114.1	95	95	-2 / 2	DPMP		RF
855 /855	Sanitary Sewer: Service, Lot 116 on Sunrise Ridge Dr.	4	Below Grade	04/09/2025	P2	10.0	115.2	96	95	-2 / 2	DPMP		RF
856 /856	Sanitary Sewer: Service, Lot 180 on Sunrise Ridge Dr.	4	Below Grade	04/09/2025	P2	10.4	113.8	95	95	-2 / 2	DPMP		RF
857 /857	Sanitary Sewer: Service, Lot 117 on Sunrise Ridge Dr.	2	Below Grade	04/09/2025	P2	10.3	114.4	95	95	-2 / 2	DPMP		RF
858 /858	Sanitary Sewer: Service, Lot 181 on Sunrise Ridge Dr.	6	Below Grade	04/09/2025	P2	9.8	113.8	95	95	-2 / 2	DPMP		RF
859 /859	Sanitary Sewer: Main, STA 74 + 50 on Sunrise Ridge Dr.	2	Below Grade	04/09/2025	P2	10.7	115.3	96	95	-2 / 2	DPMP		RF
860 /860	Sanitary Sewer: Service, Lot 118 on Sunrise Ridge Dr.	2	Below Grade	04/09/2025	P2	10.1	114.8	96	95	-2 / 2	DPMP		RF



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Soil Density Report

Client:

Tech Contractors
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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
861 /861	Sanitary Sewer: Service, Lot 182 on Sunrise Ridge Dr.	4	Below Grade	04/09/2025	P2	10.4	114.2	95	95	-2 / 2	DPMP		RF
862 /862	Sanitary Sewer: Service, Lot 119 on Sunrise Ridge Dr.	2	Below Grade	04/09/2025	P2	10.7	114.5	95	95	-2 / 2	DPMP		RF
863 /863	Sanitary Sewer: Service, Lot 120 on Sunrise Ridge Dr.	2	Below Grade	04/09/2025	P2	10.3	115.1	96	95	-2 / 2	DPMP		RF
864 /864	Sanitary Sewer: Service, Lot 121 on Sunrise Ridge Dr.	2	Below Grade	04/09/2025	P2	10.9	114.3	95	95	-2 / 2	DPMP		RF
865 /865	Sanitary Sewer: Service, Lot 183 on Sunrise Ridge Dr.	2	Below Grade	04/09/2025	P2	10.3	115.6	96	95	-2 / 2	DPMP		RF
866 /866	Sanitary Sewer: Service, Lot 184 on Sunrise Ridge Dr.	2	Below Grade	04/09/2025	P2	10.1	113.8	95	95	-2 / 2	DPMP		RF
867 /867	Sanitary Sewer: Main, STA 19 + 50 on Crystal Falls Dr.	4	Below Grade	04/09/2025	P3	9.1	119.2	95	95	-2 / 2	DPMP		RF
868 /868	Sanitary Sewer: Manhole 29, STA 19 + 05 on Crystal Falls Dr.	4	Below Grade	04/09/2025	P3	9.0	119.1	95	95	-2 / 2	DPMP		RF
869 /869	Sanitary Sewer: Service, Lot 190 on Crystal Falls Dr.	4	Below Grade	04/09/2025	P3	8.8	119.3	95	95	-2 / 2	DPMP		RF
870 /870	Sanitary Sewer: Service, Lot 189 on Crystal Falls Dr.	4	Below Grade	04/09/2025	P3	8.7	118.9	95	95	-2 / 2	DPMP		RF
871 /871	Sanitary Sewer: Service, Lot 223 on Crystal Falls Dr.	4	Below Grade	04/09/2025	P3	9.2	119.6	95	95	-2 / 2	DPMP		RF
872 /872	Sanitary Sewer: Service, Lot 175 on Sunrise Ridge Dr.	10	Below Grade	04/09/2025	P2	10.5	117.4	98	98	-2 / 2	DPMP		RF
873 /873	Sanitary Sewer: Main, STA 71 + 50 on Sunrise Ridge Dr.	10	Below Grade	04/09/2025	P2	10.1	118.0	98	98	-2 / 2	DPMP		RF
874 /874	Sanitary Sewer: Service, Lot 176 on Sunrise Ridge Dr.	10	Below Grade	04/09/2025	P2	10.3	117.4	98	98	-2 / 2	DPMP		RF
875 /875	Sanitary Sewer: Service, Lot 113 on Sunrise Ridge Dr.	10	Below Grade	04/09/2025	P2	11.1	117.1	98	98	-2 / 2	DPMP		RF



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Soil Density Report

Client:

Tech Contractors
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San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
876 /876	Sanitary Sewer: Manhole 20, STA 72 + 75 on Sunrise Ridge Dr.	8	Below Grade	04/09/2025	P2	10.5	114.6	95	95	-2 / 2	DPMP		RF
877 /877	Sanitary Sewer: Service, Lot 181 on Sunrise Ridge Dr.	4	Below Grade	04/09/2025	P2	10.4	114.3	95	95	-2 / 2	DPMP		RF
878 /878	Sanitary Sewer: Service, Lot 182 on Sunrise Ridge Dr.	2	Below Grade	04/09/2025	P2	10.5	115.4	96	95	-2 / 2	DPMP		RF

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 D1557 - A	ML	10.1	120.1
P3	ASTM D1557 - B	SW	7.5	125.8

04/17/2025

Reviewed by: Joey Goode, PE



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
879 /879	Sanitary Sewer: Service, Lot 177 on Sunrise Ridge Dr.	10	Below Grade	04/10/2025	P2	9.9	117.4	98	98	-2 / 2	DPMP		RF
880 /880	Sanitary Sewer: Service, Lot 114 on Sunrise Ridge Dr.	10	Below Grade	04/10/2025	P2	10.4	117.6	98	98	-2 / 2	DPMP		RF
881 /881	Sanitary Sewer: Manhole 20, STA 72 + 75 on Sunrise Ridge Dr.	6	Below Grade	04/10/2025	P2	10.3	114.2	95	95	-2 / 2	DPMP		RF
882 /882	Sanitary Sewer: Service, Lot 115 on Sunrise Ridge Dr.	4	Below Grade	04/10/2025	P2	10.0	113.8	95	95	-2 / 2	DPMP		RF
883 /883	Sanitary Sewer: Service, Lot 179 on Sunrise Ridge Dr.	2	Below Grade	04/10/2025	P2	10.3	114.2	95	95	-2 / 2	DPMP		RF
884 /884	Sanitary Sewer: Service, Lot 116 on Sunrise Ridge Dr.	2	Below Grade	04/10/2025	P2	10.4	114.5	95	95	-2 / 2	DPMP		RF
885 /885	Sanitary Sewer: Service, Lot 180 on Sunrise Ridge Dr.	2	Below Grade	04/10/2025	P2	10.5	113.8	95	95	-2 / 2	DPMP		RF
886 /886	Sanitary Sewer: Service, Lot 181 on Sunrise Ridge Dr.	2	Below Grade	04/10/2025	P2	10.2	114.1	95	95	-2 / 2	DPMP		RF
887 /887	Sanitary Sewer: Service, Lot 84 (RHN/F2) on Cardenas Dr.	2	Below Grade	04/10/2025	P3	8.9	119.4	95	95	-2 / 2	DPMP		RF
888 /888	Sanitary Sewer: Service, Lot 112 on Sunrise Ridge Dr.	10	Below Grade	04/10/2025	P2	10.4	117.3	98	98	-2 / 2	DPMP		RF
889 /889	Sanitary Sewer: Service, Lot 175 on Sunrise Ridge Dr.	8	Below Grade	04/10/2025	P2	10.5	114.5	95	95	-2 / 2	DPMP		RF
890 /890	Sanitary Sewer: Main, STA 71 + 50 on Sunrise Ridge Dr.	8	Below Grade	04/10/2025	P2	10.4	115.7	96	95	-2 / 2	DPMP		RF
891 /891	Sanitary Sewer: Service, Lot 176 on Sunrise Ridge Dr.	8	Below Grade	04/10/2025	P2	10.6	113.7	95	95	-2 / 2	DPMP		RF
892 /892	Sanitary Sewer: Service, Lot 113 on Sunrise Ridge Dr.	8	Below Grade	04/10/2025	P2	10.2	114.1	95	95	-2 / 2	DPMP		RF



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893 /893	Sanitary Sewer: Service, Lot 114 on Sunrise Ridge Dr.	8	Below Grade	04/10/2025	P2	11.1	113.7	95	95	-2 / 2	DPMP		RF
894 /894	Sanitary Sewer: Service, Lot 177 on Sunrise Ridge Dr.	8	Below Grade	04/10/2025	P2	11.5	115.4	96	95	-2 / 2	DPMP		RF
895 /895	Sanitary Sewer: Manhole 20, STA 72 + 75 on Sunrise Ridge Dr.	4	Below Grade	04/10/2025	P2	10.6	113.9	95	95	-2 / 2	DPMP		RF
896 /896	Sanitary Sewer: Service, Lot 133 on Shelter Creek Dr.	2	Below Grade	04/10/2025	P3	8.9	119.2	95	95	-2 / 2	DPMP		RF
897 /897	Sanitary Sewer: Manhole 17, STA 30 + 78 on Shelter Creek Dr.	2	Below Grade	04/10/2025	P2	10.4	114.4	95	95	-2 / 2	DPMP		RF
898 /898	Sanitary Sewer: Main, STA 19 + 50 on Crystal Falls Dr.	2	Below Grade	04/10/2025	P3	9.2	119.3	95	95	-2 / 2	DPMP		RF
899 /899	Sanitary Sewer: Service, Lot 223 on Crystal Falls Dr.	2	Below Grade	04/10/2025	P3	9.1	119.2	95	95	-2 / 2	DPMP		RF
900 /900	Sanitary Sewer: Service, Lot 189 on Crystal Falls Dr.	2	Below Grade	04/10/2025	P3	9.1	119.5	95	95	-2 / 2	DPMP		RF
901 /901	Sanitary Sewer: Service, Lot 190 on Crystal Falls Dr.	2	Below Grade	04/10/2025	P3	8.9	119.8	95	95	-2 / 2	DPMP		RF
902 /902	Sanitary Sewer: Manhole 29, STA 19 + 05 on Crystal Falls Dr.	2	Below Grade	04/10/2025	P3	9.4	119.1	95	95	-2 / 2	DPMP		RF
903 /903	Sanitary Sewer: Service, Lot 114 on Sunrise Ridge Dr.	6	Below Grade	04/10/2025	P2	10.6	114.6	95	95	-2 / 2	DPMP		RF
904 /904	Sanitary Sewer: Service, Lot 177 on Sunrise Ridge Dr.	6	Below Grade	04/10/2025	P2	10.1	115.6	96	95	-2 / 2	DPMP		RF
905 /905	Sanitary Sewer: Service, Lot 113 on Sunrise Ridge Dr.	6	Below Grade	04/10/2025	P2	10.7	113.8	95	95	-2 / 2	DPMP		RF
906 /906	Sanitary Sewer: Service, Lot 176 on Sunrise Ridge Dr.	6	Below Grade	04/10/2025	P2	10.5	114.7	96	95	-2 / 2	DPMP		RF
907 /907	Sanitary Sewer: Service, Lot 112 on Sunrise Ridge Dr.	8	Below Grade	04/10/2025	P2	10.7	114.1	95	95	-2 / 2	DPMP		RF



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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
908 /908	Sanitary Sewer: Main, STA 71 + 50 on Sunrise Ridge Dr.	6	Below Grade	04/10/2025	P2	10.6	114.2	95	95	-2 / 2	DPMP		RF
909 /909	Sanitary Sewer: Service, Lot 175 on Sunrise Ridge Dr.	6	Below Grade	04/10/2025	P2	10.8	116.3	97	95	-2 / 2	DPMP		RF
910 /910	Sanitary Sewer: Main, STA 71 + 50 on Sunrise Ridge Dr.	4	Below Grade	04/10/2025	P2	10.6	113.7	95	95	-2 / 2	DPMP		RF
911 /911	Sanitary Sewer: Service, Lot 175 on Sunrise Ridge Dr.	4	Below Grade	04/10/2025	P2	10.1	114.9	96	95	-2 / 2	DPMP		RF
912 /912	Sanitary Sewer: Service, Lot 112 on Sunrise Ridge Dr.	6	Below Grade	04/10/2025	P2	10.6	113.6	95	95	-2 / 2	DPMP		RF
913 /913	Sanitary Sewer: Service, Lot 176 on Sunrise Ridge Dr.	4	Below Grade	04/10/2025	P2	10.7	113.9	95	95	-2 / 2	DPMP		RF
914 /914	Sanitary Sewer: Service, Lot 113 on Sunrise Ridge Dr.	4	Below Grade	04/10/2025	P2	10.3	114.5	95	95	-2 / 2	DPMP		RF
915 /915	Sanitary Sewer: Service, Lot 177 on Sunrise Ridge Dr.	4	Below Grade	04/10/2025	P2	10.4	116.2	97	95	-2 / 2	DPMP		RF
916 /916	Sanitary Sewer: Service, Lot 114 on Sunrise Ridge Dr.	4	Below Grade	04/10/2025	P2	10.2	114.3	95	95	-2 / 2	DPMP		RF
917 /917	Sanitary Sewer: Manhole 20, STA 72 + 75 on Sunrise Ridge Dr.	2	Below Grade	04/10/2025	P2	10.5	114.7	96	95	-2 / 2	DPMP		RF
918 /918	Sanitary Sewer: Service, Lot 141 on Shelter Creek Dr.	10	Below Grade	04/11/2025	P3	9.2	123.2	98	98	-2 / 2	DPMP		RF
919 /919	Sanitary Sewer: Main, STA 26 + 25 on Shelter Creek Dr.	10	Below Grade	04/11/2025	P3	9.5	123.8	98	98	-2 / 2	DPMP		RF
920 /920	Sanitary Sewer: Service, Lot 140 on Shelter Creek Dr.	10	Below Grade	04/11/2025	P1	10.1	124.8	98	98	-2 / 2	DPMP		RF
921 /921	Sanitary Sewer: Service, Lot 126 on Sunrise Ridge Dr.	-	At Grade	04/11/2025	P2	9.9	116.7	97	95	-2 / 2	DPMP		RF
922 /922	Sanitary Sewer: Service, Lot 125 on Sunrise Ridge Dr.	-	At Grade	04/11/2025	P2	9.8	114.8	96	95	-2 / 2	DPMP		RF



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

Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
923 /923	Sanitary Sewer: Service, Lot 124 on Sunrise Ridge Dr.	-	At Grade	04/11/2025	P2	8.9	115.1	96	95	-2 / 2	DPMP		RF
924 /924	Sanitary Sewer: Service, Lot 123 on Sunrise Ridge Dr.	-	At Grade	04/11/2025	P2	8.4	114.7	96	95	-2 / 2	DPMP		RF
925 /925	Sanitary Sewer: Service, Lot 122 on Sunrise Ridge Dr.	-	At Grade	04/11/2025	P2	9.1	115.2	96	95	-2 / 2	DPMP		RF
926 /926	Sanitary Sewer: Service, Lot 121 on Sunrise Ridge Dr.	-	At Grade	04/11/2025	P2	9.7	115.3	96	95	-2 / 2	DPMP		RF
927 /927	Sanitary Sewer: Service, Lot 120 on Sunrise Ridge Dr.	-	At Grade	04/11/2025	P2	9.4	115.9	97	95	-2 / 2	DPMP		RF
928 /928	Sanitary Sewer: Service, Lot 119 on Sunrise Ridge Dr.	-	At Grade	04/11/2025	P2	9.4	115.2	96	95	-2 / 2	DPMP		RF
929 /929	Sanitary Sewer: Service, Lot 118 on Sunrise Ridge Dr.	-	At Grade	04/11/2025	P2	8.9	115.2	96	95	-2 / 2	DPMP		RF
930 /930	Sanitary Sewer: Service, Lot 188 on Sunrise Ridge Dr.	-	At Grade	04/11/2025	P2	8.6	115.4	96	95	-2 / 2	DPMP		RF
931 /931	Sanitary Sewer: Service, Lot 187 on Sunrise Ridge Dr.	-	At Grade	04/11/2025	P2	8.8	114.5	95	95	-2 / 2	DPMP		RF
932 /932	Sanitary Sewer: Main, STA 78 + 50 on Sunrise Ridge Dr.	-	At Grade	04/11/2025	P2	8.3	116.4	97	95	-2 / 2	DPMP		RF
933 /933	Sanitary Sewer: Service, Lot 186 on Sunrise Ridge Dr.	-	At Grade	04/11/2025	P2	9.0	115.8	96	95	-2 / 2	DPMP		RF
934 /934	Sanitary Sewer: Service, Lot 185 on Sunrise Ridge Dr.	-	At Grade	04/11/2025	P2	8.7	116.3	97	95	-2 / 2	DPMP		RF
935 /935	Sanitary Sewer: Service, Lot 184 on Sunrise Ridge Dr.	-	At Grade	04/11/2025	P2	8.4	114.7	96	95	-2 / 2	DPMP		RF
936 /936	Sanitary Sewer: Service, Lot 183 on Sunrise Ridge Dr.	-	At Grade	04/11/2025	P2	8.8	115.3	96	95	-2 / 2	DPMP		RF
937 /937	Sanitary Sewer: Main, STA 69 + 00 on Sunrise Ridge Dr.	-	At Grade	04/11/2025	P2	9.1	116.7	97	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
938 /938	Sanitary Sewer: Service, Lot 170 on Sunrise Ridge Dr.	-	At Grade	04/11/2025	P2	9.2	115.1	96	95	-2 / 2	DPMP		RF
939 /939	Sanitary Sewer: Service, Lot 171 on Sunrise Ridge Dr.	-	At Grade	04/11/2025	P2	9.0	114.8	96	95	-2 / 2	DPMP		RF
940 /940	Sanitary Sewer: Manhole 27, STA 69 + 69 on Sunrise Ridge Dr.	-	At Grade	04/11/2025	P2	9.6	114.8	96	95	-2 / 2	DPMP		RF
941 /941	Sanitary Sewer: Service, Lot 172 on Sunrise Ridge Dr.	-	At Grade	04/11/2025	P2	8.1	114.9	96	95	-2 / 2	DPMP		RF
942 /942	Sanitary Sewer: Service, Lot 84 (RHN/F2) on Cardenas Dr.	-	At Grade	04/11/2025	P3	8.3	120.1	96	95	-2 / 2	DPMP		RF
943 /943	Sanitary Sewer: Service, Lot 85 (RHN/F2) on Cardenas Dr.	-	At Grade	04/11/2025	P3	8.9	119.7	95	95	-2 / 2	DPMP		RF
944 /944	Sanitary Sewer: Main, STA 11 + 50 on Cardenas Dr.	-	At Grade	04/11/2025	P3	8.7	119.0	95	95	-2 / 2	DPMP		RF
945 /945	Sanitary Sewer: Manhole 28, STA 11 + 00 on Cardenas Dr.	-	At Grade	04/11/2025	P3	8.6	120.2	96	95	-2 / 2	DPMP		RF
946 /946	Sanitary Sewer: Main, STA 76 + 50 on Sunrise Ridge Dr.	-	At Grade	04/11/2025	P2	9.6	114.6	95	95	-2 / 2	DPMP		RF
947 /947	Sanitary Sewer: Service, Lot 140 on Shelter Creek Dr.	8	Below Grade	04/11/2025	P1	9.5	120.7	95	95	-2 / 2	DPMP		RF
948 /948	Sanitary Sewer: Manhole 16, STA 27 + 56 on Shelter Creek Dr.	8	Below Grade	04/11/2025	P1	9.1	120.6	95	95	-2 / 2	DPMP		RF
949 /949	Sanitary Sewer: Service, Lot 174 on Sunrise Ridge Dr.	10	Below Grade	04/11/2025	P2	10.8	117.4	98	98	-2 / 2	DPMP		RF
950 /950	Sanitary Sewer: Service, Lot 173 on Sunrise Ridge Dr.	10	Below Grade	04/11/2025	P2	10.5	117.8	98	98	-2 / 2	DPMP		RF
951 /951	Sanitary Sewer: Manhole 21, STA 70 + 40 on Sunrise Ridge Dr.	10	Below Grade	04/11/2025	P2	10.9	117.6	98	98	-2 / 2	DPMP		RF
952 /952	Sanitary Sewer: Service, Lot 110 on Sunrise Ridge Dr.	10	Below Grade	04/11/2025	P2	10.9	117.7	98	98	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
953 /953	Sanitary Sewer: Service, Lot 111 on Sunrise Ridge Dr.	10	Below Grade	04/11/2025	P2	10.4	117.3	98	98	-2 / 2	DPMP		RF
954 /954	Sanitary Sewer: Service, Lot 112 on Sunrise Ridge Dr.	4	Below Grade	04/11/2025	P2	10.7	114.7	96	95	-2 / 2	DPMP		RF
955 /955	Sanitary Sewer: Main, STA 71 + 50 on Sunrise Ridge Dr.	2	Below Grade	04/11/2025	P2	10.9	113.7	95	95	-2 / 2	DPMP		RF
956 /956	Sanitary Sewer: Service, Lot 175 on Sunrise Ridge Dr.	2	Below Grade	04/11/2025	P2	10.4	114.6	95	95	-2 / 2	DPMP		RF
957 /957	Sanitary Sewer: Service, Lot 113 on Sunrise Ridge Dr.	2	Below Grade	04/11/2025	P2	10.7	113.9	95	95	-2 / 2	DPMP		RF
958 /958	Sanitary Sewer: Service, Lot 176 on Sunrise Ridge Dr.	2	Below Grade	04/11/2025	P2	11.4	115.3	96	95	-2 / 2	DPMP		RF
959 /959	Sanitary Sewer: Service, Lot 177 on Sunrise Ridge Dr.	2	Below Grade	04/11/2025	P2	10.9	114.8	96	95	-2 / 2	DPMP		RF
960 /960	Sanitary Sewer: Service, Lot 178 on Sunrise Ridge Dr.	2	Below Grade	04/11/2025	P2	10.4	113.7	95	95	-2 / 2	DPMP		RF
961 /961	Sanitary Sewer: Service, Lot 115 on Sunrise Ridge Dr.	2	Below Grade	04/11/2025	P2	10.8	115.4	96	95	-2 / 2	DPMP		RF
962 /962	Sanitary Sewer: Service, Lot 114 on Sunrise Ridge Dr.	2	Below Grade	04/11/2025	P2	10.9	114.2	95	95	-2 / 2	DPMP		RF
963 /963	Sanitary Sewer: Manhole 21, STA 70 + 40 on Sunrise Ridge Dr.	8	Below Grade	04/11/2025	P2	10.4	113.6	95	95	-2 / 2	DPMP		RF
964 /964	Sanitary Sewer: Service, Lot 110 on Sunrise Ridge Dr.	8	Below Grade	04/11/2025	P2	9.9	113.9	95	95	-2 / 2	DPMP		RF
965 /965	Sanitary Sewer: Service, Lot 173 on Sunrise Ridge Dr.	8	Below Grade	04/11/2025	P2	10.1	114.4	95	95	-2 / 2	DPMP		RF
966 /966	Sanitary Sewer: Service, Lot 174 on Sunrise Ridge Dr.	8	Below Grade	04/11/2025	P2	10.3	114.1	95	95	-2 / 2	DPMP		RF
967 /967	Sanitary Sewer: Service, Lot 111 on Sunrise Ridge Dr.	8	Below Grade	04/11/2025	P2	10.6	114.2	95	95	-2 / 2	DPMP		RF

Remarks**Comments**



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250235
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DP/MP : 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 D1557 - A	ML	10.1	120.1
P3	ASTM D1557 - B	SW	7.5	125.8
P1	ASTM D1557 - B	SC	8.5	127.5

04/18/2025

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
968 /968	Sanitary Sewer: Main, STA 26 + 25 on Shelter Creek Dr.	8	Below Grade	04/14/2025	P3	9.4	119.6	95	95	-2 / 2	DPMP		RF
969 /969	Sanitary Sewer: Service, Lot 141 on Shelter Creek Dr.	8	Below Grade	04/14/2025	P3	9.1	119.3	95	95	-2 / 2	DPMP		RF
1 /970	Water: Main, STA 23 + 00 on House Rock Dr.	4	Below Grade	04/14/2025	P1	8.2	120.7	95	95	-2 / 2	DPMP		RF
970 /971	Sanitary Sewer: Service, Lot 111 on Sunrise Ridge Dr.	6	Below Grade	04/14/2025	P2	9.6	113.8	95	95	-2 / 2	DPMP		RF
971 /972	Sanitary Sewer: Service, Lot 174 on Sunrise Ridge Dr.	6	Below Grade	04/14/2025	P2	9.1	113.7	95	95	-2 / 2	DPMP		RF
972 /973	Sanitary Sewer: Service, Lot 173 on Sunrise Ridge Dr.	6	Below Grade	04/14/2025	P2	9.9	113.8	95	95	-2 / 2	DPMP		RF
973 /974	Sanitary Sewer: Service, Lot 110 on Sunrise Ridge Dr.	6	Below Grade	04/14/2025	P2	9.3	114.4	95	95	-2 / 2	DPMP		RF
974 /975	Sanitary Sewer: Manhole 21, STA 70 + 40 on Sunrise Ridge Dr.	6	Below Grade	04/14/2025	P2	9.8	114.3	95	95	-2 / 2	DPMP		RF
2 /976	Water: Main, STA 21 + 00 on House Rock Dr.	4	Below Grade	04/14/2025	P1	9.1	120.7	95	95	-2 / 2	DPMP		RF
3 /977	Water: Main, STA 19 + 50 on House Rock Dr.	4	Below Grade	04/14/2025	P1	9.3	120.6	95	95	-2 / 2	DPMP		RF
975 /978	Sanitary Sewer: Service, Lot 110 on Sunrise Ridge Dr.	4	Below Grade	04/14/2025	P2	9.2	114.1	95	95	-2 / 2	DPMP		RF
976 /979	Sanitary Sewer: Service, Lot 173 on Sunrise Ridge Dr.	4	Below Grade	04/14/2025	P2	9.9	113.8	95	95	-2 / 2	DPMP		RF
977 /980	Sanitary Sewer: Manhole 21, STA 70 + 40 on Sunrise Ridge Dr.	4	Below Grade	04/14/2025	P2	9.1	114.3	95	95	-2 / 2	DPMP		RF
978 /981	Sanitary Sewer: Service, Lot 174 on Sunrise Ridge Dr.	4	Below Grade	04/14/2025	P2	9.0	113.8	95	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
979 /982	Sanitary Sewer: Service, Lot 111 on Sunrise Ridge Dr.	4	Below Grade	04/14/2025	P2	10.1	113.6	95	95	-2 / 2	DPMP		RF
980 /983	Sanitary Sewer: Service, Lot 112 on Sunrise Ridge Dr.	2	Below Grade	04/14/2025	P2	9.5	114.4	95	95	-2 / 2	DPMP		RF
981 /984	Sanitary Sewer: Service, Lot 140 on Shelter Creek Dr.	6	Below Grade	04/14/2025	P1	9.7	121.1	95	95	-2 / 2	DPMP		RF
982 /985	Sanitary Sewer: Service, Lot 141 on Shelter Creek Dr.	6	Below Grade	04/14/2025	P3	8.8	119.5	95	95	-2 / 2	DPMP		RF
983 /986	Sanitary Sewer: Main, STA 26 + 25 on Shelter Creek Dr.	6	Below Grade	04/14/2025	P3	8.5	119.8	95	95	-2 / 2	DPMP		RF
4 /987	Water: Main, STA 23 + 00 on House Rock Dr.	2	Below Grade	04/14/2025	P1	9.0	120.7	95	95	-2 / 2	DPMP		RF
984 /988	Sanitary Sewer: Manhole 16, STA 27 + 56 on Shelter Creek Dr.	6	Below Grade	04/15/2025	P1	10.3	120.8	95	95	-2 / 2	DPMP		RF
985 /989	Sanitary Sewer: Manhole 21, STA 70 + 40 on Sunrise Ridge Dr.	2	Below Grade	04/15/2025	P2	10.5	113.8	95	95	-2 / 2	DPMP		RF
986 /990	Sanitary Sewer: Service, Lot 173 on Sunrise Ridge Dr.	2	Below Grade	04/15/2025	P2	10.6	114.3	95	95	-2 / 2	DPMP		RF
987 /991	Sanitary Sewer: Service, Lot 110 on Sunrise Ridge Dr.	2	Below Grade	04/15/2025	P2	10.5	114.2	95	95	-2 / 2	DPMP		RF
988 /992	Sanitary Sewer: Main, STA 19 + 50 on Crystal Falls Dr.	-	At Grade	04/15/2025	P3	8.7	119.3	95	95	-2 / 2	DPMP		RF
989 /993	Sanitary Sewer: Service, Lot 189 on Crystal Falls Dr.	-	At Grade	04/15/2025	P3	9.2	119.1	95	95	-2 / 2	DPMP		RF
990 /994	Sanitary Sewer: Service, Lot 190 on Crystal Falls Dr.	-	At Grade	04/15/2025	P3	8.6	119.6	95	95	-2 / 2	DPMP		RF
991 /995	Sanitary Sewer: Service, Lot 223 on Crystal Falls Dr.	-	At Grade	04/15/2025	P3	8.4	119.2	95	95	-2 / 2	DPMP		RF
992 /996	Sanitary Sewer: Manhole 29, STA 19 + 05 on Crystal Falls Dr.	-	At Grade	04/15/2025	P3	8.9	120.9	96	95	-2 / 2	DPMP		RF



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Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
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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
993 /997	Sanitary Sewer: Manhole 17, STA 30 + 78 on Shelter Creek Dr.	-	At Grade	04/15/2025	P3	8.7	119.9	95	95	-2 / 2	DPMP		RF
994 /998	Sanitary Sewer: Service, Lot 133 on Shelter Creek Dr.	-	At Grade	04/15/2025	P3	8.5	120.7	96	95	-2 / 2	DPMP		RF
995 /999	Sanitary Sewer: Service, Lot 134 on Shelter Creek Dr.	-	At Grade	04/15/2025	P2	10.5	114.5	95	95	-2 / 2	DPMP		RF
996 /1000	Sanitary Sewer: Manhole 16, STA 27 + 56 on Shelter Creek Dr.	4	Below Grade	04/15/2025	P1	9.4	121.3	95	95	-2 / 2	DPMP		RF
997 /1001	Sanitary Sewer: Main, STA 26 + 25 on Shelter Creek Dr.	4	Below Grade	04/15/2025	P3	9.1	118.9	95	95	-2 / 2	DPMP		RF
998 /1002	Sanitary Sewer: Service, Lot 141 on Shelter Creek Dr.	4	Below Grade	04/15/2025	P3	8.9	118.9	95	95	-2 / 2	DPMP		RF
999 /1003	Sanitary Sewer: Service, Lot 140 on Shelter Creek Dr.	4	Below Grade	04/15/2025	P1	9.6	120.7	95	95	-2 / 2	DPMP		RF
5 /1004	Water: Main, STA 18 + 25 on House Rock Dr.	4	Below Grade	04/15/2025	P1	9.4	120.7	95	95	-2 / 2	DPMP		RF
6 /1005	Water: Main, STA 19 + 50 on House Rock Dr.	2	Below Grade	04/15/2025	P1	9.8	120.5	95	95	-2 / 2	DPMP		RF
7 /1006	Water: Main, STA 21 + 00 on House Rock Dr.	2	Below Grade	04/15/2025	P1	9.3	120.6	95	95	-2 / 2	DPMP		RF
100 /1007	Sanitary Sewer: Service, Lot 174 on Sunrise Ridge Dr.	2	Below Grade	04/15/2025	P2	10.2	114.3	95	95	-2 / 2	DPMP		RF
100 /1008	Sanitary Sewer: Service, Lot 111 on Sunrise Ridge Dr.	2	Below Grade	04/15/2025	P2	9.7	114.2	95	95	-2 / 2	DPMP		RF
100 /1009	Sanitary Sewer: Service, Lot 140 on Shelter Creek Dr.	2	Below Grade	04/15/2025	P1	9.9	120.7	95	95	-2 / 2	DPMP		RF
100 /1013	Sanitary Sewer: Service, Lot 141 on Shelter Creek Dr.	2	Below Grade	04/15/2025	P3	9.1	119.3	95	95	-2 / 2	DPMP		RF



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Project:

250235
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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
100 /101 4 1	Sanitary Sewer: Main, STA 26 + 25 on Shelter Creek Dr.	2	Below Grade	04/15/2025	P3	8.9	119.4	95	95	-2 / 2	DPMP		RF
100 /101 5 2	Sanitary Sewer: Manhole 16, STA 27 + 56 on Shelter Creek Dr.	2	Below Grade	04/15/2025	P1	10.2	121.2	95	95	-2 / 2	DPMP		RF
100 /101 6 3	Sanitary Sewer: Main, STA 26 + 25 on Shelter Creek Dr.	-	At Grade	04/16/2025	P3	9.1	119.2	95	95	-2 / 2	DPMP		RF
100 /101 7 4	Sanitary Sewer: Manhole 16, STA 27 + 56 on Shelter Creek Dr.	-	At Grade	04/16/2025	P1	9.2	120.6	95	95	-2 / 2	DPMP		RF
100 /101 8 5	Sanitary Sewer: Service, Lot 141 on Shelter Creek Dr.	-	At Grade	04/16/2025	P3	8.9	119.2	95	95	-2 / 2	DPMP		RF
100 /101 9 6	Sanitary Sewer: Service, Lot 140 on Shelter Creek Dr.	-	At Grade	04/16/2025	P1	9.8	121.4	95	95	-2 / 2	DPMP		RF
101 /101 0 7	Sanitary Sewer: Manhole 19, STA 77 + 75 on Sunrise Ridge Dr.	2	Below Grade	04/16/2025	P2	10.2	114.9	96	95	-2 / 2	DPMP		RF
101 /101 1 8	Sanitary Sewer: Service, Lot 110 on Sunrise Ridge Dr.	-	At Grade	04/16/2025	P2	9.3	114.6	95	95	-2 / 2	DPMP		RF
101 /101 2 9	Sanitary Sewer: Service, Lot 111 on Sunrise Ridge Dr.	-	At Grade	04/16/2025	P2	10.1	115.4	96	95	-2 / 2	DPMP		RF
101 /102 3 0	Sanitary Sewer: Service, Lot 112 on Sunrise Ridge Dr.	-	At Grade	04/16/2025	P2	10.3	114.7	96	95	-2 / 2	DPMP		RF
101 /102 4 1	Sanitary Sewer: Manhole 21, STA 70 + 40 on Sunrise Ridge Dr.	-	At Grade	04/16/2025	P2	9.9	114.9	96	95	-2 / 2	DPMP		RF
101 /102 5 2	Sanitary Sewer: Main, STA 71 + 50 on Sunrise Ridge Dr.	-	At Grade	04/16/2025	P2	10.3	114.4	95	95	-2 / 2	DPMP		RF
101 /102 6 3	Sanitary Sewer: Service, Lot 113 on Sunrise Ridge Dr.	-	At Grade	04/16/2025	P2	9.7	115.1	96	95	-2 / 2	DPMP		RF



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101 /102 7 4	Sanitary Sewer: Service, Lot 114 on Sunrise Ridge Dr.	-	At Grade	04/16/2025	P2	10.4	115.3	96	95	-2 / 2	DPMP		RF
101 /102 8 5	Sanitary Sewer: Service, Lot 115 on Sunrise Ridge Dr.	-	At Grade	04/16/2025	P2	9.9	114.8	96	95	-2 / 2	DPMP		RF
101 /102 9 6	Sanitary Sewer: Manhole 20, STA 72 + 75 on Sunrise Ridge Dr.	-	At Grade	04/16/2025	P2	9.4	114.3	95	95	-2 / 2	DPMP		RF
102 /102 0 7	Sanitary Sewer: Service, Lot 116 on Sunrise Ridge Dr.	-	At Grade	04/16/2025	P2	9.3	116.4	97	95	-2 / 2	DPMP		RF
102 /102 1 8	Sanitary Sewer: Service, Lot 117 on Sunrise Ridge Dr.	-	At Grade	04/16/2025	P2	10.6	114.8	96	95	-2 / 2	DPMP		RF
102 /102 2 9	Sanitary Sewer: Main, STA 74 + 50 on Sunrise Ridge Dr.	-	At Grade	04/16/2025	P2	10.1	116.4	97	95	-2 / 2	DPMP		RF
8 /103 0	Water: Main, STA 18 + 25 on House Rock Dr.	2	Below Grade	04/16/2025	P1	9.2	120.7	95	95	-2 / 2	DPMP		RF
102 /103 3 1	Sanitary Sewer: Manhole 19, STA 77 + 75 on Sunrise Ridge Dr.	-	At Grade	04/16/2025	P2	9.7	115.4	96	95	-2 / 2	DPMP		RF
102 /103 4 2	Sanitary Sewer: Service, Lot 173 on Sunrise Ridge Dr.	-	At Grade	04/16/2025	P2	9.2	115.2	96	95	-2 / 2	DPMP		RF
102 /103 5 3	Sanitary Sewer: Service, Lot 174 on Sunrise Ridge Dr.	-	At Grade	04/16/2025	P2	9.1	114.8	96	95	-2 / 2	DPMP		RF
102 /103 6 4	Sanitary Sewer: Service, Lot 175 on Sunrise Ridge Dr.	-	At Grade	04/16/2025	P2	10.3	114.6	95	95	-2 / 2	DPMP		RF
102 /103 7 5	Sanitary Sewer: Service, Lot 176 on Sunrise Ridge Dr.	-	At Grade	04/16/2025	P2	10.4	115.2	96	95	-2 / 2	DPMP		RF
102 /103 8 6	Sanitary Sewer: Service, Lot 177 on Sunrise Ridge Dr.	-	At Grade	04/16/2025	P2	9.9	114.5	95	95	-2 / 2	DPMP		RF
102 /103 9 7	Sanitary Sewer: Service, Lot 178 on Sunrise Ridge Dr.	-	At Grade	04/16/2025	P2	9.7	115.3	96	95	-2 / 2	DPMP		RF



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

Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
103 /103 0 8	Sanitary Sewer: Service, Lot 179 on Sunrise Ridge Dr.	-	At Grade	04/16/2025	P2	9.9	114.7	96	95	-2 / 2	DPMP		RF
103 /103 1 9	Sanitary Sewer: Service, Lot 180 on Sunrise Ridge Dr.	-	At Grade	04/16/2025	P2	9.4	115.3	96	95	-2 / 2	DPMP		RF
103 /104 2 0	Sanitary Sewer: Service, Lot 181 on Sunrise Ridge Dr.	-	At Grade	04/16/2025	P2	9.3	114.8	96	95	-2 / 2	DPMP		RF
103 /104 3 1	Sanitary Sewer: Service, Lot 182 on Sunrise Ridge Dr.	-	At Grade	04/16/2025	P2	8.9	114.6	95	95	-2 / 2	DPMP		RF
9 /104 2	Water: Main, STA 18 + 50 on Crystal Falls Dr.	4	Below Grade	04/16/2025	P3	8.8	119.3	95	95	-2 / 2	DPMP		RF
10 /104 3	Water: Main, STA 16 + 00 on Crystal Falls Dr.	4	Below Grade	04/16/2025	P2	9.7	114.6	95	95	-2 / 2	DPMP		RF
11 /104 4	Water: Main, STA 16 + 00 on House Rock Dr.	4	Below Grade	04/17/2025	P1	9.3	120.6	95	95	-2 / 2	DPMP		RF
12 /104 5	Water: Main, Lowering for Storm Water, STA 20 + 04 on Crystal Falls Drive	6	Below Grade	04/17/2025	P2	10.7	114.0	95	95	-2 / 2	DPMP		RF
13 /104 6	Water: Main, STA 18 + 50 on Crystal Falls Dr.	2	Below Grade	04/17/2025	P3	8.9	119.0	95	95	-2 / 2	DPMP		RF
14 /104 7	Water: Main, STA 16 + 00 on Crystal Falls Dr.	4	Below Grade	04/17/2025	P2	10.2	116.6	97	95	-2 / 2	DPMP		RF
15 /104 8	Water: Main, Lowering for Storm Water, STA 20 + 04 on Crystal Falls Dr.	4	Below Grade	04/17/2025	P2	10.2	113.7	95	95	-2 / 2	DPMP		RF
16 /104 9	Water: Main, STA 12 + 00 on Crystal Falls Dr.	4	Below Grade	04/17/2025	P2	10.1	114.3	95	95	-2 / 2	DPMP		RF
17 /105 0	Water: Main, STA 26 + 50 on Shelter Creek Dr.	4	Below Grade	04/17/2025	P1	9.2	120.8	95	95	-2 / 2	DPMP		RF
18 /105 1	Water: Main, STA 12 + 00 on Crystal Falls Dr.	2	Below Grade	04/17/2025	P2	9.8	115.2	96	95	-2 / 2	DPMP		RF



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Soil Density Report

Client:

Tech Contractors
3575 Kenyon Street, Suite 200
San Diego, CA 92110

Project:

250235
Meridian Ranch - Rolling Hills Ranch North F1
Rolling Hills Ranch North F1
Peyton, 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
19 /105 2	Water: Main, STA 23 + 00 on House Rock Dr.	-	At Grade	04/18/2025	P1	9.8	120.6	95	95	-2 / 2	DPMP		RF
20 /105 3	Water: Main, STA 21 + 00 on House Rock Dr.	-	At Grade	04/18/2025	P1	8.9	121.4	95	95	-2 / 2	DPMP		RF
21 /105 4	Water: Main, STA 19 + 50 on House Rock Dr.	-	At Grade	04/18/2025	P1	9.6	120.8	95	95	-2 / 2	DPMP		RF
22 /105 5	Water: Main, STA 18 + 25 on House Rock Dr.	-	At Grade	04/18/2025	P1	9.5	121.3	95	95	-2 / 2	DPMP		RF
23 /105 6	Water: Main, STA 16 + 00 on House Rock Dr.	2	Below Grade	04/18/2025	P1	10.1	121.4	95	95	-2 / 2	DPMP		RF
24 /105 7	Water: Main, STA 13 + 75 on House Rock Dr.	4	Below Grade	04/18/2025	P1	9.2	120.7	95	95	-2 / 2	DPMP		RF
25 /105 8	Water: Main, STA 10 + 50 on Crystal Falls Dr.	4	Below Grade	04/18/2025	P2	10.3	113.6	95	95	-2 / 2	DPMP		RF
26 /105 9	Water: Main, STA 26 + 50 on Shelter Creek Dr.	2	Below Grade	04/18/2025	P3	9.2	120.2	96	95	-2 / 2	DPMP		RF

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 D1557 - B	SW	7.5	125.8
P1	ASTM D1557 - B	SC	8.5	127.5
P2	ASTM D1557 - A	ML	10.1	120.1

04/24/2025

Reviewed by: Joey Goode, PE