



Construction Materials Testing  
**New Street Construction**  
**Miralomas Garden Homes Unit 3**  
**Kendall County, Texas**

**InTEC Project No. S242024-4**  
January 7, 2026

**Miralomas Development Corp.**  
440 TX 46  
Boerne, Texas



**Integrated Testing and Engineering Company of San Antonio, L.P.**

Geotechnical & Environmental Engineering • Construction Services • Geologic Assessment

January 7, 2026

E.A. Palaniappan, Ph.D., P.E.  
Murali Subramaniam, Ph.D., P.E.  
Kausi Subramaniam, B.S.

**Miralomas Development Corp.**  
440 TX 46  
Boerne, Texas

**Attention: Ms. Susan Wright**

**Re: Construction Materials Testing  
New Street Construction  
Miralomas Garden Homes Unit 3  
Kendall County, Texas**

**InTEC Project #: S242024-4**

Ladies & Gentlemen:

Integrated Testing and Engineering Company of San Antonio, L.P. (InTEC) performed compaction evaluation at the above referenced project site between April 7, 2025 and November 12, 2025.

Field density tests were performed on an "on call" basis by the contractor. Full time observation of fill placement was not performed. Laboratory Compaction and Field Density Tests results at the above referenced project site are presented for your review.

We appreciate and wish to thank you for the opportunity to be of service to you on this project. If we can be of additional assistance, or if you have any questions, please call us.

Respectfully Submitted,  
InTEC of San Antonio, L.P.

Murali Subramaniam, Ph.D., P.E.

Copies Submitted: Above (1)



*Jinhu Song*  
1/7/2026



# Moisture Density Relationship

**InTEC of San Antonio**  
12028 Radium  
San Antonio, TX 78216  
Phone: 210-525-9033

**Client:**  
V.K. Knowlton Construction & Utilities, Ltd.  
18225 FM 2252  
San Antonio, TX 78266

**Project:**  
S242024  
Miralomas Garden Homes Unit 3  
29.763718, -98.809387  
Kendall County, TX

## SAMPLE DATA

**Sample Number:** 31954

**Sample Date:** 04/01/2025

**Technician:** Pereida, Gerald

**Material Use:** Street Subgrade

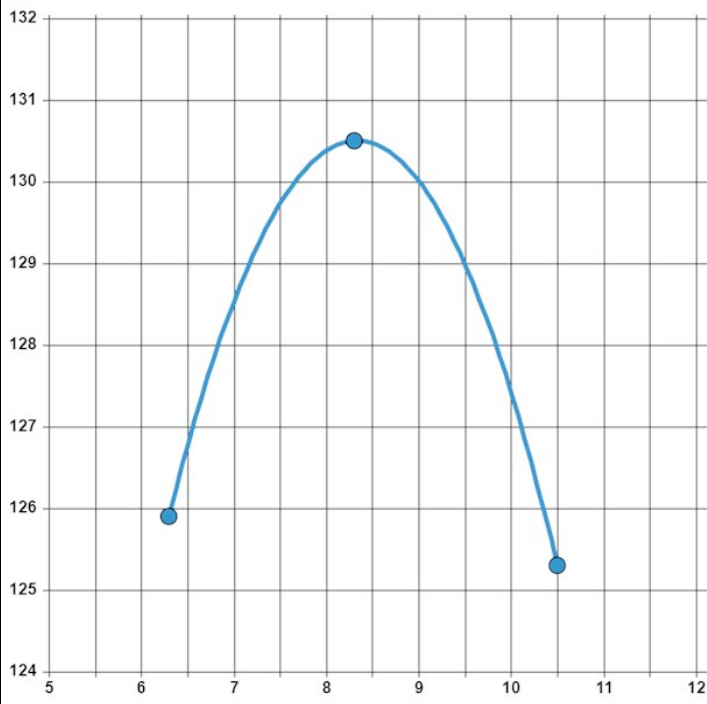
**Sample Location:** Hibiscus STA 13+00

**Material Description:** Tan to Brown Gravelly Clay

## LAB DATA

**Test Method:** ASTM D1557 - Method C

**Proctor Curve:**



**Maximum Dry Density (pcf):** 130.5

**Optimum Moisture (%):** 8.3

**Soil Classification:** GC Gravelly Clay

**Test Completed Date:** 04/07/2025

**Test Completed By:** Efediyi, Eugene



# Moisture Density Relationship

**InTEC of San Antonio**  
12028 Radium  
San Antonio, TX 78216  
Phone: 210-525-9033

**Client:**  
V.K. Knowlton Construction & Utilities, Ltd.  
18225 FM 2252  
San Antonio, TX 78266

**Project:**  
S242024  
Miralomas Garden Homes Unit 3  
29.763718, -98.809387  
Kendall County, TX

## SAMPLE DATA

**Sample Number:** 31955

**Sample Date:** 04/01/2025

**Technician:** Pereida, Gerald

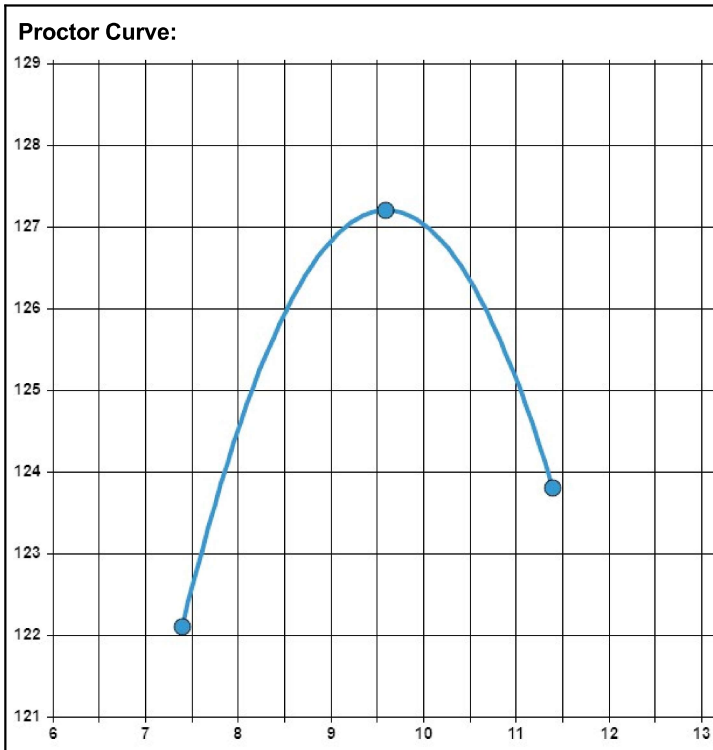
**Material Use:** Street Subgrade

**Sample Location:** Mockingbird Trail STA 16+00

**Material Description:** Tan to Brown Clayey Gravel

## LAB DATA

**Test Method:** ASTM D1557 - Method C



**Liquid Limit:** 28    **Plastic Limit:** 16    **Plastic Index:** 12

**Maximum Dry Density (pcf):** 127.2

**Optimum Moisture (%):** 9.6

**Soil Classification:** GC Clayey gravel

**Test Completed Date:** 04/04/2025

**Test Completed By:** Efediyi, Eugene



# Moisture Density Relationship

**InTEC of San Antonio**  
12028 Radium  
San Antonio, TX 78216  
Phone: 210-525-9033

**Client:**  
V.K. Knowlton Construction & Utilities, Ltd.  
18225 FM 2252  
San Antonio, TX 78266

**Project:**  
S242024  
Miralomas Garden Homes Unit 3  
29.763718, -98.809387  
Kendall County, TX

## SAMPLE DATA

**Sample Number:** 32144

**Sample Date:** 04/11/2025

**Technician:** Pereida, Gerald

**Material Use:** Street Base

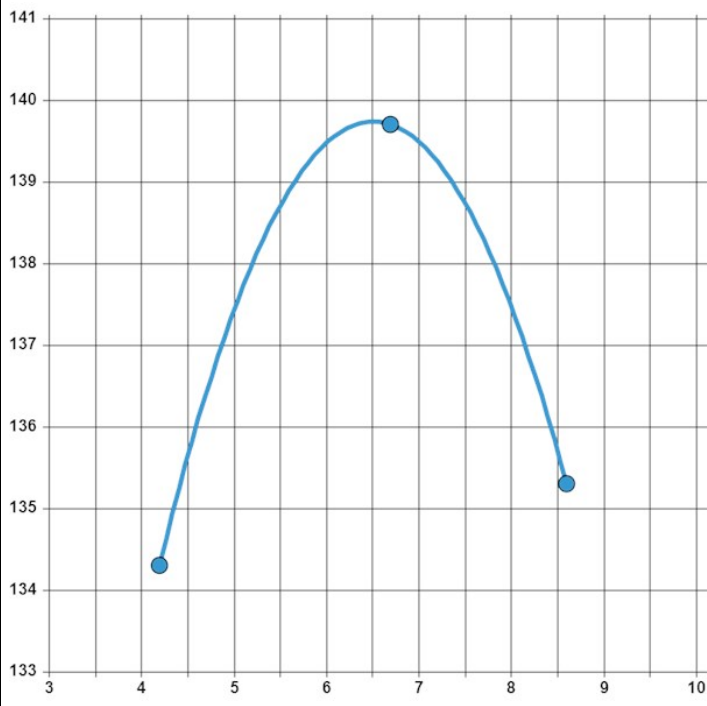
**Sample Location:** Onsite Stockpile

**Material Description:** Base

## LAB DATA

**Test Method:** ASTM D1557 - Method C

**Proctor Curve:**



**Maximum Dry Density (pcf):** 139.7

**Optimum Moisture (%):** 6.5

**Soil Classification:** GC Crushed Limestone

**Test Completed Date:** 04/15/2025

**Test Completed By:** Efediyi, Eugene

# REPORT OF ASPHALT LABORATORY TESTS



Project Number	S242024			Date Sampled	11/6/2025		
Project Name	Miralomas Garden Homes Unit 3						
Tested For	Miralomas Development Corp.			Vendor	Asphalt Inc.		
Material Description	Type D Hot Mix Asphalt			Soil ID	7		

### Tex-200-F SIEVE ANALYSIS

Size	% Passing	TxDOT Spec.
		Item 341
3"		
2 1/2"		
1 3/4"		
1"		
3/4"		
1/2"	100.0	98-100
3/8"	96.8	85-100
No. 4	65.6	50-70
No. 8	35.3	35-46
No. 16		-
No. 30	19.2	15-29
No. 50	14.1	7-20
No. 80		-
No. 100		-
No. 200	4.7	2-7

### Tex-227-F MAXIMUM SPECIFIC GRAVITY

Rice Specific Gravity	2.433
Maximum Density, PCF	151.8

### Tex-236-F ASPHALT CONTENT

Asphalt Content	5.2
-----------------	-----

### Tex-207-F BULK SPECIFIC GRAVITY

SPECIMEN #	1	2	3
BULK SPECIFIC GRAVITY	2.342	2.340	2.338
DENSITY %	96.3	96.2	96.1
AVG. BULK DENSITY	96.2		

Notes:

Respectfully submitted.  
InTEC of San Antonio, L.P.

*murali*

Murali Subramaniam, Ph.D., P.E.

Integrated Engineering and Testing Company of San Antonio, L.P.

12028 Radium, San Antonio, Texas 78216

Phone: (210) 525-9033

Fax: (210) 525-9032



InTEC of San Antonio  
 12028 Radium  
 San Antonio, TX 78216  
 Phone: 210-525-9033

# Compaction Evaluation

Report Date: 01/07/2026  
 Test Method: ASTM D6938, Tex 115E

Client:  
 V.K. Knowlton Construction & Utilities, Ltd.  
 18225 FM 2252  
 San Antonio, TX 78266

Project:  
 S242024  
 Miralomas Garden Homes Unit 3  
 29.763718, -98.809387  
 Kendall County, TX

Test Results															
Test #	Retest Of	Test Date	Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)	In Place Moisture (%)	In Place Dry Density (pcf)	In Place Wet Density (pcf)	Probe Depth (in)	Percent Compaction	Min Comp. (%)	Optimum Moisture Tolerance (%)	Remark
517		04/07/25	31955		GC	9.6	127.2	7.8	126.6	136.5	4	99.5	95	-2 / 2	C
518		04/07/25	31955		GC	9.6	127.2	7.8	134.5	145.0	4	105.7	95	-2 / 2	C
519		04/07/25	31954		GC	8.3	130.5	6.7	140.9	150.3	4	108.0	95	-2 / 2	C
520		04/07/25	31954		GC	8.3	130.5	7.0	142.0	151.9	4	108.8	95	-2 / 2	C
521		04/07/25	31954		GC	8.3	130.5	7.2	136.3	146.1	4	104.4	95	-2 / 2	C
522		04/07/25	31954		GC	8.3	130.5	7.0	131.3	140.5	4	100.6	95	-2 / 2	C
523		04/07/25	31954		GC	8.3	130.5	6.3	129.2	137.3	4	99.0	95	-2 / 2	C
524		04/07/25	31954		GC	8.3	130.5	7.9	130.0	140.3	4	99.6	95	-2 / 2	C

Test Information							
Test #	Test Location	Elevation	Reference	Gauge Specs Make / Model / SN / Calibrated	Gauge Standardization Density Standard/Moisture Standard	Field Technician	
517	Streets - Subgrade: Mockingbird Trail STA 12+00, 5' off RHS		Subgrade	Troxler / 3430 / 38292 / 07/22/2024	2290 / 639	Pereida, Gerald	
518	Streets - Subgrade: Mockingbird Trail STA 14+00, 5' off LHS		Subgrade	Troxler / 3430 / 38292 / 07/22/2024	2290 / 639	Pereida, Gerald	
519	Streets - Subgrade: Mockingbird Trail STA 16+00, CL		Subgrade	Troxler / 3430 / 38292 / 07/22/2024	2290 / 639	Pereida, Gerald	
520	Streets - Subgrade: Mockingbird Trail STA 18+00, 5' off RHS		Subgrade	Troxler / 3430 / 38292 / 07/22/2024	2290 / 639	Pereida, Gerald	
521	Streets - Subgrade: Mockingbird Trail STA 20+00, 5' off LHS		Subgrade	Troxler / 3430 / 38292 / 07/22/2024	2290 / 639	Pereida, Gerald	
522	Streets - Subgrade: Hibiscus STA 11+00, 5' off RHS		Subgrade	Troxler / 3430 / 38292 / 07/22/2024	2290 / 639	Pereida, Gerald	
523	Streets - Subgrade: Hibiscus STA 13+00, 5' off LHS		Subgrade	Troxler / 3430 / 38292 / 07/22/2024	2290 / 639	Pereida, Gerald	
524	Streets - Subgrade: Hibiscus STA 14+93, CL		Subgrade	Troxler / 3430 / 38292 / 07/22/2024	2290 / 639	Pereida, Gerald	

Remarks	Comments
C: Compliant	Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.

Testing performed when called in.  
 InTEC did not observe the installation of the material.  
 Testing directed by the City Inspector when present.  
 Test results apply only to the specific locations and materials noted and may not represent any other locations or elevations.



InTEC of San Antonio  
 12028 Radium  
 San Antonio, TX 78216  
 Phone: 210-525-9033

# Compaction Evaluation

Report Date: 01/07/2026  
 Test Method: ASTM D6938, Tex 115E

Client:  
 V.K. Knowlton Construction & Utilities, Ltd.  
 18225 FM 2252  
 San Antonio, TX 78266

Project:  
 S242024  
 Miralomas Garden Homes Unit 3  
 29.763718, -98.809387  
 Kendall County, TX

Test Results															
Test #	Retest Of	Test Date	Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)	In Place Moisture (%)	In Place Dry Density (pcf)	In Place Wet Density (pcf)	Probe Depth (in)	Percent Compaction	Min Comp. (%)	Optimum Moisture Tolerance (%)	Remark
525		04/07/25	31954		GC	8.3	130.5	7.4	134.7	144.7	4	103.2	95	-2 / 2	C
526		04/07/25	31954		GC	8.3	130.5	8.0	127.9	138.1	4	98.0	95	-2 / 2	C
527		04/07/25	31954		GC	8.3	130.5	7.5	135.1	145.2	4	103.5	95	-2 / 2	C
528		04/09/25	31955		GC	9.6	127.2	8.7	128.2	139.4	4	100.8	95	-2 / 2	C
529		04/09/25	31954		GC	8.3	130.5	6.3	134.2	142.7	4	102.8	95	-2 / 2	C
553		05/05/25	31955		GC	9.6	127.2	9.5	125.9	137.9	4	99.0	95	-2 / 2	C
554		05/05/25	31955		GC	9.6	127.2	8.6	124.9	135.6	4	98.2	95	-2 / 2	C
555		05/05/25	31955		GC	9.6	127.2	9.2	125.8	137.4	4	98.9	95	-2 / 2	C

Test Information						
Test #	Test Location	Elevation	Reference	Gauge Specs Make / Model / SN / Calibrated	Gauge Standardization Density Standard/Moisture Standard	Field Technician
525	Streets - Subgrade: Oriole Ln STA 16+00, 5' off RHS		Subgrade	Troxler / 3430 / 38292 / 07/22/2024	2290 / 639	Pereida, Gerald
526	Streets - Subgrade: Oriole Ln STA 14+00, 5' off LHS		Subgrade	Troxler / 3430 / 38292 / 07/22/2024	2290 / 639	Pereida, Gerald
527	Streets - Subgrade: Oriole Ln STA 12+00, CL		Subgrade	Troxler / 3430 / 38292 / 07/22/2024	2290 / 639	Pereida, Gerald
528	Streets - Subgrade: Mockingbird Trail STA 10+00, CL		Subgrade	Troxler / 3430 / 38292 / 07/22/2024	2292 / 645	Pereida, Gerald
529	Streets - Subgrade: W Mariposa Parkway STA 10+50, 5' off RHS		Subgrade	Troxler / 3430 / 38292 / 07/22/2024	2292 / 645	Pereida, Gerald
553	Streets - Subgrade: Mud Service Road A STA 10+50, 5' off RHS		Subgrade	Troxler / 3430 / 38292 / 07/22/2024	2296 / 643	Pereida, Gerald
554	Streets - Subgrade: Mud Service Road A STA 12+50, 5' off LHS		Subgrade	Troxler / 3430 / 38292 / 07/22/2024	2296 / 643	Pereida, Gerald
555	Streets - Subgrade: Mud Service Road A STA 14+50, CL		Subgrade	Troxler / 3430 / 38292 / 07/22/2024	2296 / 643	Pereida, Gerald

Remarks	Comments
C: Compliant	Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.

Testing performed when called in.  
 InTEC did not observe the installation of the material.  
 Testing directed by the City Inspector when present.  
 Test results apply only to the specific locations and materials noted and may not represent any other locations or elevations.



InTEC of San Antonio  
12028 Radium  
San Antonio, TX 78216  
Phone: 210-525-9033

# Compaction Evaluation

Report Date: 01/07/2026  
Test Method: ASTM D6938, Tex 115E

Client:  
V.K. Knowlton Construction & Utilities, Ltd.  
18225 FM 2252  
San Antonio, TX 78266

Project:  
S242024  
Miralomas Garden Homes Unit 3  
29.763718, -98.809387  
Kendall County, TX

Test Results															
Test #	Retest Of	Test Date	Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)	In Place Moisture (%)	In Place Dry Density (pcf)	In Place Wet Density (pcf)	Probe Depth (in)	Percent Compaction	Min Comp. (%)	Optimum Moisture Tolerance (%)	Remark
556		05/05/25	31955		GC	9.6	127.2	10.4	126.1	139.2	4	99.1	95	-2 / 2	C
557		05/05/25	31955		GC	9.6	127.2	8.6	124.3	135.0	4	97.7	95	-2 / 2	C
558		05/05/25	31955		GC	9.6	127.2	8.9	125.7	136.9	4	98.8	95	-2 / 2	C
559		05/05/25	31955		GC	9.6	127.2	10.4	126.8	140.0	4	99.7	95	-2 / 2	C
560		05/05/25	31955		GC	9.6	127.2	10.5	126.2	139.5	4	99.2	95	-2 / 2	C
561		05/05/25	31955		GC	9.6	127.2	9.4	124.6	136.3	4	98.0	95	-2 / 2	C
562		05/05/25	31955		GC	9.6	127.2	9.5	126.2	138.2	4	99.2	95	-2 / 2	C
563		05/05/25	31955		GC	9.6	127.2	9.0	124.4	135.6	4	97.8	95	-2 / 2	C

Test Information						
Test #	Test Location	Elevation	Reference	Gauge Specs Make / Model / SN / Calibrated	Gauge Standardization Density Standard/Moisture Standard	Field Technician
556	Streets - Subgrade: Mud Service Road A STA 16+50, 5' off RHS		Subgrade	Troxler / 3430 / 38292 / 07/22/2024	2296 / 643	Pereida, Gerald
557	Streets - Subgrade: Mud Service Road A STA 18+50, 5' off LHS		Subgrade	Troxler / 3430 / 38292 / 07/22/2024	2296 / 643	Pereida, Gerald
558	Streets - Subgrade: Mud Service Road A STA 20+50, CL		Subgrade	Troxler / 3430 / 38292 / 07/22/2024	2296 / 643	Pereida, Gerald
559	Streets - Subgrade: Mud Service Road A STA 22+50, 5' off RHS		Subgrade	Troxler / 3430 / 38292 / 07/22/2024	2296 / 643	Pereida, Gerald
560	Streets - Subgrade: Mud Service Road A STA 24+50, 5' off LHS		Subgrade	Troxler / 3430 / 38292 / 07/22/2024	2296 / 643	Pereida, Gerald
561	Streets - Subgrade: Mud Service Road A STA 26+50, CL		Subgrade	Troxler / 3430 / 38292 / 07/22/2024	2296 / 643	Pereida, Gerald
562	Streets - Subgrade: Mud Service Road A STA 28+50, 5' off RHS		Subgrade	Troxler / 3430 / 38292 / 07/22/2024	2296 / 643	Pereida, Gerald
563	Streets - Subgrade: Mud Service Road A STA 30+50, 5' off LHS		Subgrade	Troxler / 3430 / 38292 / 07/22/2024	2296 / 643	Pereida, Gerald

Remarks	Comments
C: Compliant	Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.

Testing performed when called in.  
InTEC did not observe the installation of the material.  
Testing directed by the City Inspector when present.  
Test results apply only to the specific locations and materials noted and may not represent any other locations or elevations.



InTEC of San Antonio  
 12028 Radium  
 San Antonio, TX 78216  
 Phone: 210-525-9033

# Compaction Evaluation

**Report Date:** 01/07/2026  
**Test Method:** ASTM D6938, Tex 115E

**Client:**  
 V.K. Knowlton Construction & Utilities, Ltd.  
 18225 FM 2252  
 San Antonio, TX 78266

**Project:**  
 S242024  
 Miralomas Garden Homes Unit 3  
 29.763718, -98.809387  
 Kendall County, TX

Test Results															
Test #	Retest Of	Test Date	Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)	In Place Moisture (%)	In Place Dry Density (pcf)	In Place Wet Density (pcf)	Probe Depth (in)	Percent Compaction	Min Comp. (%)	Optimum Moisture Tolerance (%)	Remark
564		05/05/25	31955		GC	9.6	127.2	8.9	126.2	137.4	4	99.2	95	-2 / 2	C
565		05/05/25	31955		GC	9.6	127.2	10.1	125.7	138.4	4	98.8	95	-2 / 2	C
Test Information															
Test #	Test Location	Elevation	Reference	Gauge Specs Make / Model / SN / Calibrated	Gauge Standardization Density Standard/Moisture Standard	Field Technician									
564	Streets - Subgrade: Mud Service Road A STA 32+50, CL		Subgrade	Troxler / 3430 / 38292 / 07/22/2024	2296 / 643	Pereida, Gerald									
565	Streets - Subgrade: Mud Service Road A STA 34+50, 5' off RHS		Subgrade	Troxler / 3430 / 38292 / 07/22/2024	2296 / 643	Pereida, Gerald									
Remarks			Comments												
C: Compliant			Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.												

Testing performed when called in.  
 InTEC did not observe the installation of the material.  
 Testing directed by the City Inspector when present.  
 Test results apply only to the specific locations and materials noted and may not represent any other locations or elevations.



InTEC of San Antonio  
 12028 Radium  
 San Antonio, TX 78216  
 Phone: 210-525-9033

# Compaction Evaluation

Report Date: 01/07/2026  
 Test Method: ASTM D6938, Tex 115E

Client:  
 V.K. Knowlton Construction & Utilities, Ltd.  
 18225 FM 2252  
 San Antonio, TX 78266

Project:  
 S242024  
 Miralomas Garden Homes Unit 3  
 29.763718, -98.809387  
 Kendall County, TX

## Test Results

Test #	Retest Of	Test Date	Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)	In Place Moisture (%)	In Place Dry Density (pcf)	In Place Wet Density (pcf)	Probe Depth (in)	Percent Compaction	Min Comp. (%)	Optimum Moisture Tolerance (%)	Remark
530		04/15/25	32144		GC	6.5	139.7	4.9	135.8	142.5	4	97.2	100	-2 / 2	A
531		04/15/25	32144		GC	6.5	139.7	4.5	142.7	149.1	4	102.1	100	-2 / 2	C
532		04/15/25	32144		GC	6.5	139.7	4.6	140.4	146.9	4	100.5	100	-2 / 2	C
533		04/15/25	32144		GC	6.5	139.7	5.4	133.6	140.8	4	95.6	100	-2 / 2	A
534		04/15/25	32144		GC	6.5	139.7	4.8	145.1	152.1	4	103.9	100	-2 / 2	C
535		04/15/25	32144		GC	6.5	139.7	5.3	136.5	143.7	4	97.7	100	-2 / 2	A
536		04/15/25	32144		GC	6.5	139.7	5.0	132.9	139.5	4	95.1	100	-2 / 2	A
537		04/15/25	32144		GC	6.5	139.7	4.7	137.9	144.4	4	98.7	100	-2 / 2	A

## Test Information

Test #	Test Location	Elevation	Reference	Gauge Specs Make / Model / SN / Calibrated	Gauge Standardization Density Standard/Moisture Standard	Field Technician
530	Streets - Base: Oriole Ln STA 12+00, 5' off RHS		1st Lift	Troxler / 3430 / 38292 / 07/22/2024	2293 / 641	Pereida, Gerald
531	Streets - Base: Oriole Ln STA 14+00, 5' off LHS		1st Lift	Troxler / 3430 / 38292 / 07/22/2024	2293 / 641	Pereida, Gerald
532	Streets - Base: Oriole Ln STA 16+00, CL		1st Lift	Troxler / 3430 / 38292 / 07/22/2024	2293 / 641	Pereida, Gerald
533	Streets - Base: Hibiscus STA 13+00, 5' off RHS		1st Lift	Troxler / 3430 / 38292 / 07/22/2024	2293 / 641	Pereida, Gerald
534	Streets - Base: Hibiscus STA 11+00, 5' off LHS		1st Lift	Troxler / 3430 / 38292 / 07/22/2024	2293 / 641	Pereida, Gerald
535	Streets - Base: Mockingbird Trail STA 20+00, 5' off RHS		1st Lift	Troxler / 3430 / 38292 / 07/22/2024	2293 / 641	Pereida, Gerald
536	Streets - Base: Mockingbird Trail STA 18+00, 5' off LHS		1st Lift	Troxler / 3430 / 38292 / 07/22/2024	2293 / 641	Pereida, Gerald
537	Streets - Base: Mockingbird Trail STA 16+00, CL		1st Lift	Troxler / 3430 / 38292 / 07/22/2024	2293 / 641	Pereida, Gerald

Remarks	Comments
A: Accepted by the City/County Inspector C: Compliant	Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.

Testing performed when called in.  
 InTEC did not observe the installation of the material.  
 Testing directed by the City Inspector when present.  
 Test results apply only to the specific locations and materials noted and may not represent any other locations or elevations.



InTEC of San Antonio  
 12028 Radium  
 San Antonio, TX 78216  
 Phone: 210-525-9033

# Compaction Evaluation

Report Date: 01/07/2026  
 Test Method: ASTM D6938, Tex 115E

Client:  
 V.K. Knowlton Construction & Utilities, Ltd.  
 18225 FM 2252  
 San Antonio, TX 78266

Project:  
 S242024  
 Miralomas Garden Homes Unit 3  
 29.763718, -98.809387  
 Kendall County, TX

## Test Results

Test #	Retest Of	Test Date	Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)	In Place Moisture (%)	In Place Dry Density (pcf)	In Place Wet Density (pcf)	Probe Depth (in)	Percent Compaction	Min Comp. (%)	Optimum Moisture Tolerance (%)	Remark
538		04/15/25	32144		GC	6.5	139.7	5.2	139.2	146.4	4	99.6	100	-2 / 2	A
539		04/15/25	32144		GC	6.5	139.7	5.2	140.8	148.1	4	100.8	100	-2 / 2	C
540		04/15/25	32144		GC	6.5	139.7	5.7	142.8	150.9	4	102.2	100	-2 / 2	C
541		04/28/25	32144		GC	6.5	139.7	4.5	143.1	149.5	4	102.4	100	-2 / 2	C
542		04/28/25	32144		GC	6.5	139.7	5.2	142.7	150.1	4	102.1	100	-2 / 2	C
543		04/28/25	32144		GC	6.5	139.7	4.6	142.4	149.0	4	101.9	100	-2 / 2	C
544		04/28/25	32144		GC	6.5	139.7	5.2	145.6	153.2	4	104.2	100	-2 / 2	C
545		04/28/25	32144		GC	6.5	139.7	5.0	144.1	151.3	4	103.1	100	-2 / 2	C

## Test Information

Test #	Test Location	Elevation	Reference	Gauge Specs Make / Model / SN / Calibrated	Gauge Standardization Density Standard/Moisture Standard	Field Technician
538	Streets - Base: Mockingbird Trail STA 14+00, 5' off RHS		1st Lift	Troxler / 3430 / 38292 / 07/22/2024	2293 / 641	Pereida, Gerald
539	Streets - Base: Mockingbird Trail STA 12+00, 5' off LHS		1st Lift	Troxler / 3430 / 38292 / 07/22/2024	2293 / 641	Pereida, Gerald
540	Streets - Base: Mockingbird Trail STA 10+00, CL		1st Lift	Troxler / 3430 / 38292 / 07/22/2024	2293 / 641	Pereida, Gerald
541	Streets - Base: Mockingbird Trail STA 10+00, 5' off RHS		2nd Lift	Troxler / 3430 / 38292 / 07/22/2024	2290 / 638	Pereida, Gerald
542	Streets - Base: Mockingbird Trail STA 12+00, 5' off LHS		2nd Lift	Troxler / 3430 / 38292 / 07/22/2024	2290 / 638	Pereida, Gerald
543	Streets - Base: Mockingbird Trail STA 14+00, CL		2nd Lift	Troxler / 3430 / 38292 / 07/22/2024	2290 / 638	Pereida, Gerald
544	Streets - Base: Mockingbird Trail STA 16+00, 5' off RHS		2nd Lift	Troxler / 3430 / 38292 / 07/22/2024	2290 / 638	Pereida, Gerald
545	Streets - Base: Mockingbird Trail STA 18+00, 5' off LHS		2nd Lift	Troxler / 3430 / 38292 / 07/22/2024	2290 / 638	Pereida, Gerald

Remarks	Comments
A: Accepted by the City/County Inspector C: Compliant	Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.

Testing performed when called in.  
 InTEC did not observe the installation of the material.  
 Testing directed by the City Inspector when present.  
 Test results apply only to the specific locations and materials noted and may not represent any other locations or elevations.



InTEC of San Antonio  
 12028 Radium  
 San Antonio, TX 78216  
 Phone: 210-525-9033

# Compaction Evaluation

Report Date: 01/07/2026  
 Test Method: ASTM D6938, Tex 115E

Client:  
 V.K. Knowlton Construction & Utilities, Ltd.  
 18225 FM 2252  
 San Antonio, TX 78266

Project:  
 S242024  
 Miralomas Garden Homes Unit 3  
 29.763718, -98.809387  
 Kendall County, TX

Test Results															
Test #	Retest Of	Test Date	Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)	In Place Moisture (%)	In Place Dry Density (pcf)	In Place Wet Density (pcf)	Probe Depth (in)	Percent Compaction	Min Comp. (%)	Optimum Moisture Tolerance (%)	Remark
546		04/28/25	32144		GC	6.5	139.7	5.6	139.7	147.5	4	100.0	100	-2 / 2	C
547		04/28/25	32144		GC	6.5	139.7	4.8	148.2	155.3	4	106.1	100	-2 / 2	C
548		04/28/25	32144		GC	6.5	139.7	5.2	146.0	153.6	4	104.5	100	-2 / 2	C
549		04/28/25	32144		GC	6.5	139.7	4.8	140.2	146.9	4	100.4	100	-2 / 2	C
550		04/28/25	32144		GC	6.5	139.7	4.6	139.9	146.3	4	100.1	100	-2 / 2	C
551		04/28/25	32144		GC	6.5	139.7	4.6	141.4	147.9	4	101.2	100	-2 / 2	C
552		04/28/25	32144		GC	6.5	139.7	4.8	140.1	146.8	4	100.3	100	-2 / 2	C
566		05/12/25	32144		GC	6.5	139.7	6.2	141.2	150.0	4	101.1	100	-2 / 2	C

Test Information							
Test #	Test Location	Elevation	Reference	Gauge Specs Make / Model / SN / Calibrated	Gauge Standardization Density Standard/Moisture Standard	Field Technician	
546	Streets - Base: Mockingbird Trail STA 20+00, CL		2nd Lift	Troxler / 3430 / 38292 / 07/22/2024	2290 / 638	Pereida, Gerald	
547	Streets - Base: Hibiscus STA 11+00, 5' off RHS		2nd Lift	Troxler / 3430 / 38292 / 07/22/2024	2290 / 638	Pereida, Gerald	
548	Streets - Base: Hibiscus STA 13+00, 5' off LHS		2nd Lift	Troxler / 3430 / 38292 / 07/22/2024	2290 / 638	Pereida, Gerald	
549	Streets - Base: Oriole Ln STA 17+63, 5' off RHS		2nd Lift	Troxler / 3430 / 38292 / 07/22/2024	2290 / 638	Pereida, Gerald	
550	Streets - Base: Oriole Ln STA 16+00, 5' off LHS		2nd Lift	Troxler / 3430 / 38292 / 07/22/2024	2290 / 638	Pereida, Gerald	
551	Streets - Base: Oriole Ln STA 14+00, CL		2nd Lift	Troxler / 3430 / 38292 / 07/22/2024	2290 / 638	Pereida, Gerald	
552	Streets - Base: Oriole Ln STA 12+00, 5' off RHS		2nd Lift	Troxler / 3430 / 38292 / 07/22/2024	2290 / 638	Pereida, Gerald	
566	Streets - Base: Mud Service Road A STA 10+50, CL		1st Lift	Troxler / 3430 / 38292 / 07/22/2024	2294 / 644	Pereida, Gerald	

Remarks	Comments
C: Compliant	Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.

Testing performed when called in.  
 InTEC did not observe the installation of the material.  
 Testing directed by the City Inspector when present.  
 Test results apply only to the specific locations and materials noted and may not represent any other locations or elevations.



InTEC of San Antonio  
 12028 Radium  
 San Antonio, TX 78216  
 Phone: 210-525-9033

# Compaction Evaluation

Report Date: 01/07/2026  
 Test Method: ASTM D6938, Tex 115E

Client:  
 V.K. Knowlton Construction & Utilities, Ltd.  
 18225 FM 2252  
 San Antonio, TX 78266

Project:  
 S242024  
 Miralomas Garden Homes Unit 3  
 29.763718, -98.809387  
 Kendall County, TX

Test Results															
Test #	Retest Of	Test Date	Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)	In Place Moisture (%)	In Place Dry Density (pcf)	In Place Wet Density (pcf)	Probe Depth (in)	Percent Compaction	Min Comp. (%)	Optimum Moisture Tolerance (%)	Remark
567		05/12/25	32144		GC	6.5	139.7	6.0	139.8	148.2	4	100.1	100	-2 / 2	C
568		05/12/25	32144		GC	6.5	139.7	5.7	140.7	148.7	4	100.7	100	-2 / 2	C
569		05/12/25	32144		GC	6.5	139.7	7.1	142.7	152.8	4	102.1	100	-2 / 2	C
570		05/12/25	32144		GC	6.5	139.7	5.8	139.9	148.0	4	100.1	100	-2 / 2	C
571		05/12/25	32144		GC	6.5	139.7	7.6	142.2	153.0	4	101.8	100	-2 / 2	C
572		05/12/25	32144		GC	6.5	139.7	5.1	142.3	149.6	4	101.9	100	-2 / 2	C
573		05/12/25	32144		GC	6.5	139.7	5.9	140.0	148.3	4	100.2	100	-2 / 2	C
574		05/12/25	32144		GC	6.5	139.7	5.7	142.1	150.2	4	101.7	100	-2 / 2	C

Test Information							
Test #	Test Location	Elevation	Reference	Gauge Specs Make / Model / SN / Calibrated	Gauge Standardization Density Standard/Moisture Standard	Field Technician	
567	Streets - Base: Mud Service Road A STA 12+50, CL		1st Lift	Troxler / 3430 / 38292 / 07/22/2024	2294 / 644	Pereida, Gerald	
568	Streets - Base: Mud Service Road A STA 14+50, CL		1st Lift	Troxler / 3430 / 38292 / 07/22/2024	2294 / 644	Pereida, Gerald	
569	Streets - Base: Mud Service Road A STA 16+50, CL		1st Lift	Troxler / 3430 / 38292 / 07/22/2024	2294 / 644	Pereida, Gerald	
570	Streets - Base: Mud Service Road A STA 18+50, CL		1st Lift	Troxler / 3430 / 38292 / 07/22/2024	2294 / 644	Pereida, Gerald	
571	Streets - Base: Mud Service Road A STA 20+50, CL		1st Lift	Troxler / 3430 / 38292 / 07/22/2024	2294 / 644	Pereida, Gerald	
572	Streets - Base: Mud Service Road A STA 22+50, CL		1st Lift	Troxler / 3430 / 38292 / 07/22/2024	2294 / 644	Pereida, Gerald	
573	Streets - Base: Mud Service Road A STA 24+50, CL		1st Lift	Troxler / 3430 / 38292 / 07/22/2024	2294 / 644	Pereida, Gerald	
574	Streets - Base: Mud Service Road A STA 26+50, CL		1st Lift	Troxler / 3430 / 38292 / 07/22/2024	2294 / 644	Pereida, Gerald	

Remarks	Comments
C: Compliant	Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.

Testing performed when called in.  
 InTEC did not observe the installation of the material.  
 Testing directed by the City Inspector when present.  
 Test results apply only to the specific locations and materials noted and may not represent any other locations or elevations.



InTEC of San Antonio  
 12028 Radium  
 San Antonio, TX 78216  
 Phone: 210-525-9033

# Compaction Evaluation

Report Date: 01/07/2026  
 Test Method: ASTM D6938, Tex 115E

Client:  
 V.K. Knowlton Construction & Utilities, Ltd.  
 18225 FM 2252  
 San Antonio, TX 78266

Project:  
 S242024  
 Miralomas Garden Homes Unit 3  
 29.763718, -98.809387  
 Kendall County, TX

## Test Results

Test #	Retest Of	Test Date	Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)	In Place Moisture (%)	In Place Dry Density (pcf)	In Place Wet Density (pcf)	Probe Depth (in)	Percent Compaction	Min Comp. (%)	Optimum Moisture Tolerance (%)	Remark
575		05/12/25	32144		GC	6.5	139.7	5.3	140.5	147.9	4	100.6	100	-2 / 2	C
576		05/12/25	32144		GC	6.5	139.7	5.5	140.8	148.5	4	100.8	100	-2 / 2	C
577		05/12/25	32144		GC	6.5	139.7	6.1	139.7	148.2	4	100.0	100	-2 / 2	C
578		05/12/25	32144		GC	6.5	139.7	7.6	139.9	150.5	4	100.1	100	-2 / 2	C
579		10/01/25	32144		GC	6.5	139.7	5.8	140.6	148.8	4	100.6	100	-2 / 2	C
580		10/01/25	32144		GC	6.5	139.7	5.7	139.9	147.9	4	100.1	100	-2 / 2	C
581		10/01/25	32144		GC	6.5	139.7	5.5	141.2	149.0	4	101.1	100	-2 / 2	C
582		10/01/25	32144		GC	6.5	139.7	4.9	142.7	149.7	4	102.1	100	-2 / 2	C

## Test Information

Test #	Test Location	Elevation	Reference	Gauge Specs Make / Model / SN / Calibrated	Gauge Standardization Density Standard/Moisture Standard	Field Technician
575	Streets - Base: Mud Service Road A STA 28+50, CL		1st Lift	Troxler / 3430 / 38292 / 07/22/2024	2294 / 644	Pereida, Gerald
576	Streets - Base: Mud Service Road A STA 30+50, CL		1st Lift	Troxler / 3430 / 38292 / 07/22/2024	2294 / 644	Pereida, Gerald
577	Streets - Base: Mud Service Road A STA 32+50, CL		1st Lift	Troxler / 3430 / 38292 / 07/22/2024	2294 / 644	Pereida, Gerald
578	Streets - Base: Mud Service Road A STA 34+50, CL		1st Lift	Troxler / 3430 / 38292 / 07/22/2024	2294 / 644	Pereida, Gerald
579	Streets - Base: Mud Service Road A STA 10+25, 5' off RHS		2nd Lift	Troxler / 3430 / 38292 / 07/31/2025	2285 / 632	Pereida, Gerald
580	Streets - Base: Mud Service Road A STA 12+00, 5' off LHS		2nd Lift	Troxler / 3430 / 38292 / 07/31/2025	2285 / 632	Pereida, Gerald
581	Streets - Base: Mud Service Road A STA 14+00, CL		2nd Lift	Troxler / 3430 / 38292 / 07/31/2025	2285 / 632	Pereida, Gerald
582	Streets - Base: Mud Service Road A STA 16+00, 5' off RHS		2nd Lift	Troxler / 3430 / 38292 / 07/31/2025	2285 / 632	Pereida, Gerald

Remarks	Comments
C: Compliant	Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.

Testing performed when called in.  
 InTEC did not observe the installation of the material.  
 Testing directed by the City Inspector when present.  
 Test results apply only to the specific locations and materials noted and may not represent any other locations or elevations.



InTEC of San Antonio  
 12028 Radium  
 San Antonio, TX 78216  
 Phone: 210-525-9033

# Compaction Evaluation

Report Date: 01/07/2026  
 Test Method: ASTM D6938, Tex 115E

Client:  
 V.K. Knowlton Construction & Utilities, Ltd.  
 18225 FM 2252  
 San Antonio, TX 78266

Project:  
 S242024  
 Miralomas Garden Homes Unit 3  
 29.763718, -98.809387  
 Kendall County, TX

Test Results															
Test #	Retest Of	Test Date	Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)	In Place Moisture (%)	In Place Dry Density (pcf)	In Place Wet Density (pcf)	Probe Depth (in)	Percent Compaction	Min Comp. (%)	Optimum Moisture Tolerance (%)	Remark
583		10/01/25	32144		GC	6.5	139.7	5.1	140.3	147.5	4	100.4	100	-2 / 2	C
584		10/01/25	32144		GC	6.5	139.7	5.6	142.2	150.2	4	101.8	100	-2 / 2	C
585		10/01/25	32144		GC	6.5	139.7	5.2	143.8	151.3	4	102.9	100	-2 / 2	C
586		10/01/25	32144		GC	6.5	139.7	6.0	139.8	148.2	4	100.1	100	-2 / 2	C
587		10/01/25	32144		GC	6.5	139.7	5.6	140.7	148.6	4	100.7	100	-2 / 2	C
588		10/01/25	32144		GC	6.5	139.7	4.9	141.7	148.6	4	101.4	100	-2 / 2	C
589		10/01/25	32144		GC	6.5	139.7	4.5	142.7	149.1	4	102.1	100	-2 / 2	C
590		10/01/25	32144		GC	6.5	139.7	4.7	140.2	146.8	4	100.4	100	-2 / 2	C

Test Information							
Test #	Test Location	Elevation	Reference	Gauge Specs Make / Model / SN / Calibrated	Gauge Standardization Density Standard/Moisture Standard	Field Technician	
583	Streets - Base: Mud Service Road A STA 18+00, 5' off LHS		2nd Lift	Troxler / 3430 / 38292 / 07/31/2025	2285 / 632	Pereida, Gerald	
584	Streets - Base: Mud Service Road A STA 20+00, CL		2nd Lift	Troxler / 3430 / 38292 / 07/31/2025	2285 / 632	Pereida, Gerald	
585	Streets - Base: Mud Service Road A STA 22+00, 5' off RHS		2nd Lift	Troxler / 3430 / 38292 / 07/31/2025	2285 / 632	Pereida, Gerald	
586	Streets - Base: Mud Service Road A STA 24+00, 5' off LHS		2nd Lift	Troxler / 3430 / 38292 / 07/31/2025	2285 / 632	Pereida, Gerald	
587	Streets - Base: Mud Service Road A STA 26+00, CL		2nd Lift	Troxler / 3430 / 38292 / 07/31/2025	2285 / 632	Pereida, Gerald	
588	Streets - Base: Mud Service Road A STA 28+00, 5' off RHS		2nd Lift	Troxler / 3430 / 38292 / 07/31/2025	2285 / 632	Pereida, Gerald	
589	Streets - Base: Mud Service Road A STA 30+00, 5' off LHS		2nd Lift	Troxler / 3430 / 38292 / 07/31/2025	2285 / 632	Pereida, Gerald	
590	Streets - Base: Mud Service Road A STA 32+00, CL		2nd Lift	Troxler / 3430 / 38292 / 07/31/2025	2285 / 632	Pereida, Gerald	

Remarks	Comments
C: Compliant	Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.

Testing performed when called in.  
 InTEC did not observe the installation of the material.  
 Testing directed by the City Inspector when present.  
 Test results apply only to the specific locations and materials noted and may not represent any other locations or elevations.



InTEC of San Antonio  
 12028 Radium  
 San Antonio, TX 78216  
 Phone: 210-525-9033

# Compaction Evaluation

Report Date: 01/07/2026  
 Test Method: ASTM D6938, Tex 115E

Client:  
 V.K. Knowlton Construction & Utilities, Ltd.  
 18225 FM 2252  
 San Antonio, TX 78266

Project:  
 S242024  
 Miralomas Garden Homes Unit 3  
 29.763718, -98.809387  
 Kendall County, TX

## Test Results

Test #	Retest Of	Test Date	Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)	In Place Moisture (%)	In Place Dry Density (pcf)	In Place Wet Density (pcf)	Probe Depth (in)	Percent Compaction	Min Comp. (%)	Optimum Moisture Tolerance (%)	Remark
591		10/01/25	32144		GC	6.5	139.7	4.9	142.7	149.7	4	102.1	100	-2 / 2	C
592		10/01/25	32144		GC	6.5	139.7	5.1	141.6	148.8	4	101.4	100	-2 / 2	C
593		10/31/25	32144		GC	6.5	139.7	4.6	142.7	149.3	4	102.1	100	-2 / 2	C
594		10/31/25	32144		GC	6.5	139.7	5.0	141.2	148.3	4	101.1	100	-2 / 2	C
595		10/31/25	32144		GC	6.5	139.7	4.9	145.1	152.2	4	103.9	100	-2 / 2	C
596		10/31/25	32144		GC	6.5	139.7	5.0	140.2	147.2	4	100.4	100	-2 / 2	C
597		10/31/25	32144		GC	6.5	139.7	5.8	142.6	150.9	4	102.1	100	-2 / 2	C
598		10/31/25	32144		GC	6.5	139.7	6.4	141.4	150.4	4	101.2	100	-2 / 2	C

## Test Information

Test #	Test Location	Elevation	Reference	Gauge Specs Make / Model / SN / Calibrated	Gauge Standardization Density Standard/Moisture Standard	Field Technician
591	Streets - Base: Mud Service Road A STA 34+00, 5' off RHS		2nd Lift	Troxler / 3430 / 38292 / 07/31/2025	2285 / 632	Pereida, Gerald
592	Streets - Base: Mud Service Road A STA 35+50, 5' off LHS		2nd Lift	Troxler / 3430 / 38292 / 07/31/2025	2285 / 632	Pereida, Gerald
593	Streets - Base: Oriole Ln STA 11+01, 5' off RHS		3rd Lift	Troxler / 3430 / 38292 / 07/31/2025	2281 / 627	Pereida, Gerald
594	Streets - Base: Oriole Ln STA 13+00, 5' off LHS		3rd Lift	Troxler / 3430 / 38292 / 07/31/2025	2281 / 627	Pereida, Gerald
595	Streets - Base: Oriole Ln STA 15+00, CL		3rd Lift	Troxler / 3430 / 38292 / 07/31/2025	2281 / 627	Pereida, Gerald
596	Streets - Base: Oriole Ln STA 17+00, 5' off RHS		3rd Lift	Troxler / 3430 / 38292 / 07/31/2025	2281 / 627	Pereida, Gerald
597	Streets - Base: Oriole Ln STA 17+50, 5' off LHS		3rd Lift	Troxler / 3430 / 38292 / 07/31/2025	2281 / 627	Pereida, Gerald
598	Streets - Base: Hibiscus STA 14+09, CL		3rd Lift	Troxler / 3430 / 38292 / 07/31/2025	2281 / 627	Pereida, Gerald

Remarks	Comments
C: Compliant	Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.

Testing performed when called in.  
 InTEC did not observe the installation of the material.  
 Testing directed by the City Inspector when present.  
 Test results apply only to the specific locations and materials noted and may not represent any other locations or elevations.



InTEC of San Antonio  
 12028 Radium  
 San Antonio, TX 78216  
 Phone: 210-525-9033

# Compaction Evaluation

Report Date: 01/07/2026  
 Test Method: ASTM D6938, Tex 115E

Client:  
 V.K. Knowlton Construction & Utilities, Ltd.  
 18225 FM 2252  
 San Antonio, TX 78266

Project:  
 S242024  
 Miralomas Garden Homes Unit 3  
 29.763718, -98.809387  
 Kendall County, TX

## Test Results

Test #	Retest Of	Test Date	Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)	In Place Moisture (%)	In Place Dry Density (pcf)	In Place Wet Density (pcf)	Probe Depth (in)	Percent Compaction	Min Comp. (%)	Optimum Moisture Tolerance (%)	Remark
599		10/31/25	32144		GC	6.5	139.7	5.1	139.7	146.8	4	100.0	100	-2 / 2	C
600		10/31/25	32144		GC	6.5	139.7	4.7	139.8	146.4	4	100.1	100	-2 / 2	C
601		10/31/25	32144		GC	6.5	139.7	5.8	140.3	148.4	4	100.4	100	-2 / 2	C
602		10/31/25	32144		GC	6.5	139.7	5.4	142.7	150.4	4	102.1	100	-2 / 2	C
603		10/31/25	32144		GC	6.5	139.7	5.1	142.1	149.3	4	101.7	100	-2 / 2	C
604		11/04/25	32144		GC	6.5	139.7	4.9	141.7	148.6	4	101.4	100	-2 / 2	C
605		11/04/25	32144		GC	6.5	139.7	6.0	141.0	149.5	4	100.9	100	-2 / 2	C
606		11/04/25	32144		GC	6.5	139.7	4.6	140.6	147.1	4	100.6	100	-2 / 2	C

## Test Information

Test #	Test Location	Elevation	Reference	Gauge Specs Make / Model / SN / Calibrated	Gauge Standardization Density Standard/Moisture Standard	Field Technician
599	Streets - Base: Hibiscus STA 12+00, 5' off RHS		3rd Lift	Troxler / 3430 / 38292 / 07/31/2025	2281 / 627	Pereida, Gerald
600	Streets - Base: Mockingbird Trail STA 20+00, 5' off RHS		3rd Lift	Troxler / 3430 / 38292 / 07/31/2025	2281 / 627	Pereida, Gerald
601	Streets - Base: Mockingbird Trail STA 18+00, 5' off LHS		3rd Lift	Troxler / 3430 / 38292 / 07/31/2025	2281 / 627	Pereida, Gerald
602	Streets - Base: Mockingbird Trail STA 16+00, CL		3rd Lift	Troxler / 3430 / 38292 / 07/31/2025	2281 / 627	Pereida, Gerald
603	Streets - Base: Mockingbird Trail STA 14+00, 5' off RHS		3rd Lift	Troxler / 3430 / 38292 / 07/31/2025	2281 / 627	Pereida, Gerald
604	Streets - Base: Hibiscus STA 10+30, 5' off RHS		3rd Lift	Troxler / 3430 / 38292 / 07/31/2025	2281 / 630	Pereida, Gerald
605	Streets - Base: Mockingbird Trail STA 14+00, 5' off RHS		3rd Lift	Troxler / 3430 / 38292 / 07/31/2025	2281 / 630	Pereida, Gerald
606	Streets - Base: Mockingbird Trail STA 12+00, 5' off RHS		3rd Lift	Troxler / 3430 / 38292 / 07/31/2025	2281 / 630	Pereida, Gerald

Remarks	Comments
C: Compliant	Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.

Testing performed when called in.  
 InTEC did not observe the installation of the material.  
 Testing directed by the City Inspector when present.  
 Test results apply only to the specific locations and materials noted and may not represent any other locations or elevations.



InTEC of San Antonio  
 12028 Radium  
 San Antonio, TX 78216  
 Phone: 210-525-9033

# Compaction Evaluation

**Report Date:** 01/07/2026  
**Test Method:** ASTM D6938, Tex 115E

**Client:**  
 V.K. Knowlton Construction & Utilities, Ltd.  
 18225 FM 2252  
 San Antonio, TX 78266

**Project:**  
 S242024  
 Miralomas Garden Homes Unit 3  
 29.763718, -98.809387  
 Kendall County, TX

Test Results															
Test #	Retest Of	Test Date	Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)	In Place Moisture (%)	In Place Dry Density (pcf)	In Place Wet Density (pcf)	Probe Depth (in)	Percent Compaction	Min Comp. (%)	Optimum Moisture Tolerance (%)	Remark
607		11/04/25	32144		GC	6.5	139.7	5.5	143.5	151.4	4	102.7	100	-2 / 2	C
608		11/04/25	32144		GC	6.5	139.7	4.9	140.8	147.7	4	100.8	100	-2 / 2	C
609		11/04/25	32144		GC	6.5	139.7	4.7	142.2	148.9	4	101.8	100	-2 / 2	C
Test Information															
Test #	Test Location	Elevation	Reference	Gauge Specs Make / Model / SN / Calibrated	Gauge Standardization Density Standard/Moisture Standard	Field Technician									
607	Streets - Base: Mockingbird Trail STA 10+00, 5' off LHS		3rd Lift	Troxler / 3430 / 38292 / 07/31/2025	2281 / 630	Pereida, Gerald									
608	Streets - Base: W Mariposa Parkway STA 10+50, 5' off RHS		1st Lift	Troxler / 3430 / 38292 / 07/31/2025	2281 / 630	Pereida, Gerald									
609	Streets - Base: Hibiscus STA 11+00, 5' off LHS		3rd Lift	Troxler / 3430 / 38292 / 07/31/2025	2281 / 630	Pereida, Gerald									
Remarks			Comments												
C: Compliant			Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.												

Testing performed when called in.  
 InTEC did not observe the installation of the material.  
 Testing directed by the City Inspector when present.  
 Test results apply only to the specific locations and materials noted and may not represent any other locations or elevations.



InTEC of San Antonio  
 12028 Radium  
 San Antonio, TX 78216  
 Phone: 210-525-9033

# Asphalt Compaction Evaluation

Report Date: 01/07/2026  
 Test Method:

**Client:**

V.K. Knowlton Construction & Utilities, Ltd.  
 18225 FM 2252  
 San Antonio, TX 78266

**Project:**

S242024  
 Miralomas Garden Homes Unit 3  
 29.763718, -98.809387  
 Kendall County, TX

**Test Results**

Test #	Retest Of	Test Date	Test Location	Material	Mix Design	Thickness (in)	Max Density (pcf)	Max Density Source	In Place Density (pcf)	Probe Depth (in)	Percent Comp.	Min/Max Comp. (%)	Remark	Gauge SN	Technician
1		11/06/25	Streets - Asphalt: Mud Service Road A STA 34+50, CL	Type D			151.8	7 / Rice - TxDOT Tex 227F	142.0	Backscatter	93.5	91 / 95	C	38292	Pereida, Gerald
2		11/06/25	Streets - Asphalt: Mud Service Road A STA 32+50, CL	Type D			151.8	7 / Rice - TxDOT Tex 227F	141.8	Backscatter	93.4	91 / 95	C	38292	Pereida, Gerald
3		11/06/25	Streets - Asphalt: Mud Service Road A STA 30+50, CL	Type D			151.8	7 / Rice - TxDOT Tex 227F	140.9	Backscatter	92.8	91 / 95	C	38292	Pereida, Gerald
4		11/06/25	Streets - Asphalt: Mud Service Road A STA 28+50, CL	Type D			151.8	7 / Rice - TxDOT Tex 227F	139.8	Backscatter	92.1	91 / 95	C	38292	Pereida, Gerald
5		11/07/25	Streets - Asphalt: Mud Service Road A STA 26+50, CL	Type D			151.8	7 / Rice - TxDOT Tex 227F	142.2	Backscatter	93.7	91 / 95	C	38292	Pereida, Gerald
6		11/07/25	Streets - Asphalt: Mud Service Road A STA 24+50, CL	Type D			151.8	7 / Rice - TxDOT Tex 227F	140.8	Backscatter	92.8	91 / 95	C	38292	Pereida, Gerald
7		11/07/25	Streets - Asphalt: Mud Service Road A STA 22+50, CL	Type D			151.8	7 / Rice - TxDOT Tex 227F	140.6	Backscatter	92.6	91 / 95	C	38292	Pereida, Gerald
8		11/12/25	Streets - Asphalt: W Mariposa Parkway STA 10+50	Type D			151.8	7 / Rice - TxDOT Tex 227F	142.5	Backscatter	93.9	91 / 95	C	80149	Foley, Ryan
9		11/12/25	Streets - Asphalt: Mockingbird Trail STA 10+00	Type D			151.8	7 / Rice - TxDOT Tex 227F	138.6	Backscatter	91.3	91 / 95	C	80149	Foley, Ryan

Testing performed when called in by contractor.

InTEC did not observe the installation of the material. Test results apply only to the specific locations and materials noted and may not represent any other locations or elevations.



InTEC of San Antonio  
 12028 Radium  
 San Antonio, TX 78216  
 Phone: 210-525-9033

# Asphalt Compaction Evaluation

Report Date: 01/07/2026  
 Test Method:

**Client:**

V.K. Knowlton Construction & Utilities, Ltd.  
 18225 FM 2252  
 San Antonio, TX 78266

**Project:**

S242024  
 Miralomas Garden Homes Unit 3  
 29.763718, -98.809387  
 Kendall County, TX

### Test Results

Test #	Retest Of	Test Date	Test Location	Material	Mix Design	Thickness (in)	Max Density (pcf)	Max Density Source	In Place Density (pcf)	Probe Depth (in)	Percent Comp.	Min/Max Comp. (%)	Remark	Gauge SN	Technician
10		11/12/25	Streets - Asphalt: Mockingbird Trail STA 11+50	Type D			151.8	7 / Rice - TxDOT Tex 227F	141.4	Backscatter	93.1	91 / 95	C	80149	Foley, Ryan
11		11/12/25	Streets - Asphalt: Mockingbird Trail STA 13+00	Type D			151.8	7 / Rice - TxDOT Tex 227F	139.3	Backscatter	91.8	91 / 95	C	80149	Foley, Ryan
12		11/12/25	Streets - Asphalt: Mockingbird Trail STA 14+50	Type D			151.8	7 / Rice - TxDOT Tex 227F	142.5	Backscatter	93.9	91 / 95	C	80149	Foley, Ryan
13		11/12/25	Streets - Asphalt: Mockingbird Trail STA 16+00	Type D			151.8	7 / Rice - TxDOT Tex 227F	140.7	Backscatter	92.7	91 / 95	C	80149	Foley, Ryan
14		11/12/25	Streets - Asphalt: Mockingbird Trail STA 17+50	Type D			151.8	7 / Rice - TxDOT Tex 227F	138.9	Backscatter	91.5	91 / 95	C	80149	Foley, Ryan
15		11/12/25	Streets - Asphalt: Mockingbird Trail STA 19+00	Type D			151.8	7 / Rice - TxDOT Tex 227F	141.0	Backscatter	92.9	91 / 95	C	80149	Foley, Ryan
16		11/12/25	Streets - Asphalt: Hibiscus STA 10+50	Type D			151.8	7 / Rice - TxDOT Tex 227F	138.1	Backscatter	91.0	91 / 95	C	80149	Foley, Ryan
17		11/12/25	Streets - Asphalt: Hibiscus STA 12+00	Type D			151.8	7 / Rice - TxDOT Tex 227F	139.8	Backscatter	92.1	91 / 95	C	80149	Foley, Ryan
18		11/12/25	Streets - Asphalt: Hibiscus STA 13+50	Type D			151.8	7 / Rice - TxDOT Tex 227F	138.9	Backscatter	91.5	91 / 95	C	80149	Foley, Ryan

Testing performed when called in by contractor.  
 InTEC did not observe the installation of the material. Test results apply only to the specific locations and materials noted and may not represent any other locations or elevations.



InTEC of San Antonio  
 12028 Radium  
 San Antonio, TX 78216  
 Phone: 210-525-9033

# Asphalt Compaction Evaluation

Report Date: 01/07/2026  
 Test Method:

**Client:**

V.K. Knowlton Construction & Utilities, Ltd.  
 18225 FM 2252  
 San Antonio, TX 78266

**Project:**

S242024  
 Miralomas Garden Homes Unit 3  
 29.763718, -98.809387  
 Kendall County, TX

### Test Results

Test #	Retest Of	Test Date	Test Location	Material	Mix Design	Thickness (in)	Max Density (pcf)	Max Density Source	In Place Density (pcf)	Probe Depth (in)	Percent Comp.	Min/Max Comp. (%)	Remark	Gauge SN	Technician
19		11/12/25	Streets - Asphalt: Oriole Lane STA 11+00	Type D			151.8	7 / Rice - TxDOT Tex 227F	142.1	Backscatter	93.6	91 / 95	C	80149	Foley, Ryan
20		11/12/25	Streets - Asphalt: Oriole Lane STA 12+50	Type D			151.8	7 / Rice - TxDOT Tex 227F	140.6	Backscatter	92.6	91 / 95	C	80149	Foley, Ryan
21		11/12/25	Streets - Asphalt: Oriole Lane STA 14+00	Type D			151.8	7 / Rice - TxDOT Tex 227F	139.4	Backscatter	91.8	91 / 95	C	80149	Foley, Ryan
22		11/12/25	Streets - Asphalt: Oriole Lane STA 15+50	Type D			151.8	7 / Rice - TxDOT Tex 227F	141.4	Backscatter	93.1	91 / 95	C	80149	Foley, Ryan
23		11/12/25	Streets - Asphalt: Oriole Lane STA 17+00	Type D			151.8	7 / Rice - TxDOT Tex 227F	139.5	Backscatter	91.9	91 / 95	C	80149	Foley, Ryan

**Remarks**

C: Compliant

**Comments**

Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter"

### Gauge Information

Gauge SN	Make	Model	Density Count	Moisture Count	Standard Count Date	Last Calibration Date	Last Calibrated By
38292	Troxler	3430	2278	629	11/06/25	07/31/25	Qal-Tek
38292	Troxler	3430	2279	633	11/07/25	07/31/25	Qal-Tek
80149	Troxler	3430P	2435	752	11/12/25	08/29/25	Qal-Tek

Testing performed when called in by contractor.

InTEC did not observe the installation of the material. Test results apply only to the specific locations and materials noted and may not represent any other locations or elevations.