

Date : 12/24/2024  
 Project No : 2024C168  
 Client Company : Century Communities  
 Arrival Time : 12/24/2024 08:00  
 Onsite Hours : 06:00

ASEC Report ID : 78910  
 Name of the Project : Reserve @ Gum Springs  
 Project Location : Jefferson, Jackson County, Georgia  
 Weather : cold  
 Departure Time : 12/24/2024 14:00  
 ASEC Technician Name : Mahendra Mylabathula

| Test Date                                                                       | Test Number | Moisture Content (%) | Dry Density (pcf) | Proctor Number | Max. Dry Density (pcf) | Optimum Moisture (%) | Compaction (%) | Specified Compaction (%) | ASTM Test Method | Pass/Fail |
|---------------------------------------------------------------------------------|-------------|----------------------|-------------------|----------------|------------------------|----------------------|----------------|--------------------------|------------------|-----------|
| 12/24/2024                                                                      | 415         | 22.8                 | 98.5              | 26081          | 102.9                  | 20.0                 | 95.7           | 95                       | D2937            | Pass      |
| Location : water line in front of lot#5, Elv/Depth :1 foot below finish grade   |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                                       |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Mahendra Mylabathula                                                |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 12/24/2024                                                                      | 416         | 26.6                 | 91.9              | 26082          | 94.1                   | 24.3                 | 97.7           | 95                       | D2937            | Pass      |
| Location : water line in front of lot#3, Elv/Depth :1 foot below finish grade   |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                                       |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Mahendra Mylabathula                                                |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 12/24/2024                                                                      | 417         | 25.0                 | 91.0              | 26082          | 94.1                   | 24.3                 | 96.7           | 95                       | D2937            | Pass      |
| Location : water line in front of lot#2, Elv/Depth :2 feet below finish grade   |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                                       |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Mahendra Mylabathula                                                |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 12/24/2024                                                                      | 418         | 22.0                 | 98.6              | 26081          | 102.9                  | 20.0                 | 95.8           | 95                       | D2937            | Pass      |
| Location : water line in front of lot#1, Elv/Depth :2 feet below finish grade   |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                                       |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Mahendra Mylabathula                                                |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 12/24/2024                                                                      | 419         | 22.1                 | 98.3              | 26081          | 102.9                  | 20.0                 | 95.5           | 95                       | D2937            | Pass      |
| Location : water line in front of lot#7, Elv/Depth :2 feet below finish grade   |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                                       |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Mahendra Mylabathula                                                |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 12/24/2024                                                                      | 420         | 21.5                 | 98.3              | 26081          | 102.9                  | 20.0                 | 95.5           | 95                       | D2937            | Pass      |
| Location : water line in front of lot#5, Elv/Depth :2 feet below finish grade   |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                                       |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Mahendra Mylabathula                                                |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 12/24/2024                                                                      | 421         | 20.4                 | 100.2             | 26081          | 102.9                  | 20.0                 | 97.4           | 95                       | D2937            | Pass      |
| Location : water line in front of lot#9, Elv/Depth :1 feet below finish grade   |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                                       |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Mahendra Mylabathula                                                |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 12/24/2024                                                                      | 422         | 22.3                 | 99.9              | 26081          | 102.9                  | 20.0                 | 97.1           | 95                       | D2937            | Pass      |
| Location : water line in front of lot#177, Elv/Depth :2 feet below finish grade |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                                       |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Mahendra Mylabathula                                                |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 12/24/2024                                                                      | 423         | 25.0                 | 97.4              | 26083          | 102.0                  | 22.1                 | 95.5           | 95                       | D2937            | Pass      |
| Location : water line at the entrance, Elv/Depth :1 feet below finish grade     |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                                       |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Mahendra Mylabathula                                                |             |                      |                   |                |                        |                      |                |                          |                  |           |

**Remark:** Test performed in general accordance with signed referenced ASTM Method.

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## Density Test Report

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Project Location : Jefferson, Jackson County, Georgia  
Weather : cold  
Departure Time : 12/24/2024 14:00  
ASEC Technician Name : Mahendra Mylabathula



**Ramchandra R. Mogulla**  
**GA P.E. 036021**  
**Senior Engineer**

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**PROCTOR DATA SUMMARY**

| TEST DATE  | PROCTOR ID | MAX DRY DENSITY<br>(pcf) | OPTIMUM MOISTURE<br>(%) | PROCTOR TYPE | SOIL DESCRIPTION         |
|------------|------------|--------------------------|-------------------------|--------------|--------------------------|
| 07/01/2024 | 26081      | 102.9                    | 20.0                    | Standard     | Reddish Brown Sandy SILT |
| 07/01/2024 | 26082      | 94.1                     | 24.3                    | Standard     | Brown Sandy SILT         |
| 07/01/2024 | 26083      | 102.0                    | 22.1                    | Standard     | Light Brown Sandy SILT   |
| 07/26/2024 | 26084      | 102.0                    | 19.6                    | Standard     | Brown Sandy SILT         |
| 07/26/2024 | 26085      | 92.0                     | 25.3                    | Standard     | Reddish-Brown Sandy SILT |
| 11/14/2024 | 26086      | 99.8                     | 19.7                    | Standard     | Brown Silty SAND         |
| 01/22/2025 | 27651      | 143.6                    | 5.4                     | Modified     | GAB                      |