

Date : 02/09/2024  
Project No : 2023C141  
Client Company : Toll Bros  
Arrival Time : 02/09/2024 10:00  
Onsite Hours : 04:00

ASEC Report ID : 64104  
Name of the Project : N. Gate - Old Atlanta Road  
Project Location : Cumming  
Weather : cloudy  
Departure Time : 02/09/2024 14:00  
ASEC Technician Name : Aminullah Azimi

| 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 |
|------------------------------------------------------------------------------------|-------------|----------------------|-------------------|----------------|------------------------|----------------------|----------------|--------------------------|------------------|-----------|
| 02/09/2024                                                                         | 1           | 14.8                 | 100.7             | 24468          | 111.3                  | 17.5                 | 90.5           | 90                       | D6938            | Pass      |
| Location : 23 feet SW of MH A4, Elv/Depth :9 feet below finished grade             |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                                          |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Aminullah Azimi Gauge Serial No. : 85759                               |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 02/09/2024                                                                         | 2           | 16.1                 | 105.6             | 24468          | 111.3                  | 17.5                 | 94.9           | 90                       | D6938            | Pass      |
| Location : 33 feet west of MH A5, Elv/Depth :9 feet below finished grade           |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                                          |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Aminullah Azimi Gauge Serial No. : 85759                               |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 02/09/2024                                                                         | 3           | 16.5                 | 100.3             | 24468          | 111.3                  | 17.5                 | 90.1           | 90                       | D6938            | Pass      |
| Location : 26 feet east of MH A6, Elv/Depth :9 feet below finished grade           |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                                          |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Aminullah Azimi Gauge Serial No. : 85759                               |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 02/09/2024                                                                         | 4           | 16.7                 | 100.6             | 24469          | 103.9                  | 18.7                 | 96.8           | 95                       | D6938            | Pass      |
| Location : Lot #32, Elv/Depth :2 feet below finished grade                         |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                                          |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Aminullah Azimi Gauge Serial No. : 85759                               |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 02/09/2024                                                                         | 5           | 16.3                 | 100.7             | 24469          | 103.9                  | 18.7                 | 96.9           | 95                       | D6938            | Pass      |
| Location : Roadway in the front of Lot #25, Elv/Depth :3 feet below finished grade |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                                          |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Aminullah Azimi Gauge Serial No. : 85759                               |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 02/09/2024                                                                         | 6           | 16                   | 102.1             | 24469          | 103.9                  | 18.7                 | 98.3           | 90                       | D6938            | Pass      |
| Location : Lot #25, Elv/Depth :3 feet below finished grade                         |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                                          |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Aminullah Azimi Gauge Serial No. : 85759                               |             |                      |                   |                |                        |                      |                |                          |                  |           |

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



**Kenneth Mosman**

The results presented in this report relate only to the items tested. This report shall not be reproduced, except in full, without written approval from AS Engineering and Consulting LLC.

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**PROCTOR DATA SUMMARY**

| TEST DATE  | PROCTOR ID | MAX DRY DENSITY (pcf) | OPTIMUM MOISTURE (%) | PROCTOR TYPE | SOIL DESCRIPTION |
|------------|------------|-----------------------|----------------------|--------------|------------------|
| 12/04/2023 | 24468      | 111.3                 | 17.5                 | Standard     | Brown Sandy CLAY |
| 12/04/2023 | 24469      | 103.9                 | 18.7                 | Standard     | Brown Sandy SILT |