

## Density Test Report

Date : 04/01/2024  
Project No : 2022C165  
Client Company : Toll Bros. Inc.  
Arrival Time : 04/01/2024 08:30  
Onsite Hours : 07:00

ASEC Report ID : 65634  
Name of the Project : Northfield @ Polo Fields - Phase2  
Project Location : Pittman Road, Cumming, GA  
Weather : Cloudy  
Departure Time : 04/01/2024 15:30  
ASEC Technician Name : Fawad Shagiwal

| 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 |
|-----------------------------------------------------------------------|-------------|----------------------|-------------------|----------------|------------------------|----------------------|----------------|--------------------------|------------------|-----------|
| 04/01/2024                                                            | 01          | 23.5                 | 96.7              | 2              | 95.0                   | 23.5                 | 101.8          | 95                       | D6938            | Pass      |
| Location : Lot #26, Elv/Depth :9 Feet from the bottom of the MSE wall |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                             |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Fawad Shagiwal Gauge Serial No. : 3430                    |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 04/01/2024                                                            | 02          | 22.6                 | 90.2              | 5              | 93.8                   | 20.9                 | 96.2           | 95                       | D6938            | Pass      |
| Location : Lot #28, Elv/Depth :9 feet from the bottom of the MSE wall |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                             |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Fawad Shagiwal Gauge Serial No. : 3430                    |             |                      |                   |                |                        |                      |                |                          |                  |           |

**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                          |
|------------|------------|-----------------------|----------------------|--------------|-------------------------------------------|
| 10/25/2022 | 1          | 83.2                  | 25.3                 | Standard     | Reddish Brown Sandy CLAY                  |
| 10/25/2022 | 2          | 95.0                  | 23.5                 | Standard     | Tan Sandy CLAY                            |
| 10/25/2022 | 3          | 99.4                  | 21.3                 | Standard     | Reddish Brown Sandy CLAY                  |
| 03/21/2023 | 4          | 98.6                  | 20.2                 | Standard     | Reddish Brown Silty SAND w/ trace of Clay |
| 03/21/2023 | 5          | 93.8                  | 20.9                 | Standard     | Brown Sandy SILT w/ PWR Fragments         |