

WINTER 2017  
Data Collection Report  
Soil & Water Consulting



Las Vegas Country Club



## GREEN #13 CORE TESTING



# SOIL and WATER CONSULTING

## LAS VEGAS CC: GREEN #13



| GREENS              |                           |                      |                          |                      |                          |                       |                           |                       |                           |       | Current Top-Dressing      | USGA Recommendations |
|---------------------|---------------------------|----------------------|--------------------------|----------------------|--------------------------|-----------------------|---------------------------|-----------------------|---------------------------|-------|---------------------------|----------------------|
|                     | Green #13<br>Below Thatch | Green #7<br>0-1 1/2" | Green #7<br>Below 1 1/2" | Green #1<br>0-1 1/2" | Green #1<br>Below 1 1/2" | Green #18<br>0-1 1/2" | Green #18<br>Below 1 1/2" | Green #13<br>0-1 3/4" | Green #13<br>Below 1 3/4" | TLC-1 |                           |                      |
| Clay                | 0.90                      | 2.60                 | 1.60                     | 1.20                 | 0.20                     | 1.50                  | 0.60                      | 5.20                  | 3.20                      | 0.30  | <= 3.0%                   |                      |
| Silt                | 1.30                      | 54.70                | 0.90                     | 5.90                 | 2.60                     | 4.40                  | 2.30                      | 1.40                  | 0.50                      | 1.50  | <= 5.0%                   |                      |
| Sand                | 97.70                     | 41.00                | 97.40                    | 92.70                | 97.20                    | 92.90                 | 97.10                     | 93.10                 | 96.10                     | 98.20 | 94 - 100%                 |                      |
| Gravel              | 0.10                      | 1.70                 | 0.10                     | 0.20                 | 0.00                     | 1.20                  | 0.00                      | 0.30                  | 0.20                      | 0.00  |                           |                      |
| Organic Material    | 0.69                      | 6.31                 | 0.61                     | 2.17                 | 1.07                     | 4.44                  | 0.66                      | 6.81                  | 0.63                      | 0.21  |                           |                      |
| <u>Sieve #:</u>     |                           |                      |                          |                      |                          |                       |                           |                       |                           |       |                           |                      |
| Fine Gravel 10      | 0.10                      | 1.70                 | 0.10                     | 0.20                 | 0.00                     | 1.20                  | 0.00                      | 0.30                  | 0.20                      | 0.00  | 2.0mm <= 3.0%             |                      |
| Very Coarse Sand 18 | 7.50                      | 4.70                 | 10.50                    | 10.70                | 13.90                    | 8.60                  | 12.00                     | 7.10                  | 6.90                      | 6.90  | 2.0mm + 1.0mm <= 10%      |                      |
| Coarse Sand 35      | 35.90                     | 14.60                | 35.70                    | 32.20                | 35.50                    | 31.90                 | 31.50                     | 34.60                 | 35.10                     | 40.20 |                           |                      |
| Medium Sand 60      | 37.00                     | 14.30                | 33.30                    | 31.10                | 30.50                    | 32.60                 | 31.90                     | 33.60                 | 37.60                     | 37.50 | 0.5mm + 0.25mm >= 60%     |                      |
| Fine Sand 100       | 13.30                     | 4.90                 | 11.90                    | 11.90                | 11.70                    | 13.20                 | 16.10                     | 12.00                 | 14.10                     | 11.30 | 0.15mm <= 20%             |                      |
| Very Fine Sand 140  | 3.40                      | 1.90                 | 4.60                     | 5.00                 | 4.30                     | 4.50                  | 4.40                      | 4.00                  | 1.90                      | 1.50  | 0.106mm + 0.053mm <= 5.0% |                      |
| Very Fine Sand 270  | 0.60                      | 0.70                 | 1.40                     | 1.80                 | 1.20                     | 2.10                  | 1.30                      | 1.80                  | 0.50                      | 0.80  |                           |                      |
| Infiltration Rate   | 1.6"                      | n/t                  | 9.0"                     | 1.0"                 | 6.3"                     | 4.7"                  | 14.6"                     | 10.4"                 | 33.6"                     | 40.9" | >6 inches per hour        |                      |