

# BROOKSIDE LABORATORIES, INC.

## SOIL AUDIT AND INVENTORY REPORT

Name Western Golf Properties City Lake Forest State CA

Independent Consultant Soil and Water Consulting Date 6/21/2022

|                                    |                                                                         |           |            |            |           |           |
|------------------------------------|-------------------------------------------------------------------------|-----------|------------|------------|-----------|-----------|
| Sample Location                    | CAMARILLO                                                               | TEE       | TEE        | TEE        | FAIRWAY   | FAIRWAY   |
| Sample Identification              |                                                                         | 3         | 14         | 16         | 3         | 14        |
| Lab Number                         |                                                                         | 0161-1    | 0162-1     | 0163-1     | 0164-1    | 0165-1    |
| Total Exchange Capacity (ME/100 g) |                                                                         | 12.98     | 26.08      | 29.09      | 34.59     | 43.55     |
| pH (H <sub>2</sub> O 1:1)          |                                                                         | 7.2       | a 7.8      | a 8.3      | a 8.0     | a 8.3     |
| Organic Matter (360°C LOI) %       |                                                                         | 4.35      | 8.88       | 7.64       | 8.83      | 9.83      |
| Estimated Nitrogen Release lb/A    |                                                                         | 94        | 119        | 113        | 119       | 124       |
| ANIONS                             | SOLUBLE SULFUR* ppm                                                     | 84        | 150        | 128        | 87        | 235       |
|                                    | PHOSPHORUS MEHLICH III lb/A P as P <sub>2</sub> O <sub>5</sub> ppm of P |           |            |            |           |           |
|                                    | BRAY II lb/A P as P <sub>2</sub> O <sub>5</sub> ppm of P                |           |            |            |           |           |
|                                    | OLSEN lb/A P as P <sub>2</sub> O <sub>5</sub> ppm of P                  | 440<br>96 | 582<br>127 | 632<br>138 | 362<br>79 | 421<br>92 |
| EXCHANGEABLE CATIONS               | CALCIUM* lb/A                                                           | 2854      | 5222       | 5558       | 6494      | 8164      |
|                                    | ppm                                                                     | 1427      | 2611       | 2779       | 3247      | 4082      |
|                                    | MAGNESIUM* lb/A                                                         | 962       | 2394       | 2798       | 3498      | 4210      |
|                                    | ppm                                                                     | 481       | 1197       | 1399       | 1749      | 2105      |
|                                    | POTASSIUM* lb/A                                                         | 330       | 534        | 702        | 1044      | 1194      |
|                                    | ppm                                                                     | 165       | 267        | 351        | 522       | 597       |
|                                    | SODIUM* lb/A                                                            | 400       | 654        | 796        | 584       | 1252      |
|                                    | ppm                                                                     | 200       | 327        | 398        | 292       | 626       |
| BASE SATURATION PERCENT            |                                                                         |           |            |            |           |           |
|                                    | Calcium %                                                               | 54.97     | 50.06      | 47.77      | 46.94     | 46.87     |
|                                    | Magnesium %                                                             | 30.88     | 38.25      | 40.08      | 42.14     | 40.28     |
|                                    | Potassium %                                                             | 3.26      | 2.63       | 3.09       | 3.87      | 3.51      |
|                                    | Sodium %                                                                | 6.70      | 5.45       | 5.95       | 3.67      | 6.25      |
|                                    | Other Bases %                                                           | 4.20      | 3.60       | 3.10       | 3.40      | 3.10      |
|                                    | Hydrogen %                                                              | 0.00      | 0.00       | 0.00       | 0.00      | 0.00      |
| EXTRACTABLE MINORS                 |                                                                         |           |            |            |           |           |
|                                    | Boron** (ppm)                                                           | 2.22      | 3.98       | 4.23       | 4.24      | 5.22      |
|                                    | Iron** (ppm)                                                            | 444       | 211        | 177        | 87        | 61        |
|                                    | Manganese** (ppm)                                                       | 18        | 26         | 20         | 29        | 28        |
|                                    | Copper** (ppm)                                                          | 3.64      | 2.66       | 3.13       | 2.50      | 2.23      |
|                                    | Zinc** (ppm)                                                            | 36.07     | 33.83      | 20.22      | 9.22      | 6.04      |
|                                    | Aluminum** (ppm)                                                        | 264       | 104        | 127        | 139       | 118       |
| OTHER TESTS                        | Soluble Salts (mmhos/cm)                                                |           |            |            |           |           |
|                                    | Chlorides (ppm)                                                         |           |            |            |           |           |
|                                    | NO <sub>3</sub> -N (ppm)                                                | 23.8      | 13.5       | 22.1       | 11.3      | 10.4      |
|                                    | NH <sub>4</sub> -N (ppm)                                                | 5.5       | 4.6        | 6.1        | 8.6       | 4.3       |

a - alkaline soil

\* Ammonium Acetate Extractable (pH of 8.1)

\*\* Mehlich III Extractable

lb/A

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## SOIL AUDIT AND INVENTORY REPORT

80046-22

 Name Western Golf Properties City Lake Forest State CA

 Independent Consultant Soil and Water Consulting Date 6/21/2022

|                                    |                          |                                                     |              |              |              |              |              |
|------------------------------------|--------------------------|-----------------------------------------------------|--------------|--------------|--------------|--------------|--------------|
| Sample Location                    |                          | CAMARILLO                                           | FAIRWAY      | GREEN        | GREEN        | GREEN        | GREEN        |
| Sample Identification              |                          |                                                     | 16           | 3            | 8            | 14           | 16           |
| Lab Number                         |                          |                                                     | 0166-1       | 0167-1       | 0168-1       | 0169-1       | 0170-1       |
| Total Exchange Capacity (ME/100 g) |                          |                                                     | 39.90        | 10.99        | 12.23        | 11.03        | 13.34        |
| pH (H <sub>2</sub> O 1:1)          |                          |                                                     | a 8.3        | a 8.2        | a 8.1        | a 8.0        | a 8.1        |
| Organic Matter (360°C LOI) %       |                          |                                                     | 9.20         | 1.00         | 0.86         | 1.04         | 1.18         |
| Estimated Nitrogen Release lb/A    |                          |                                                     | 121          | 40           | 34           | 41           | 44           |
| ANIONS                             | SOLUBLE SULFUR*          | ppm                                                 | 279          | 70           | 105          | 133          | 148          |
|                                    | PHOSPHORUS               |                                                     |              |              |              |              |              |
|                                    | MEHLICH III              | lb/A P as P <sub>2</sub> O <sub>5</sub><br>ppm of P |              |              |              |              |              |
|                                    | BRAY II                  | lb/A P as P <sub>2</sub> O <sub>5</sub><br>ppm of P |              |              |              |              |              |
| EXCHANGEABLE CATIONS               | OLSEN                    | lb/A P as P <sub>2</sub> O <sub>5</sub><br>ppm of P | 614<br>134   | 46<br>10     | 87<br>19     | 124<br>27    | 142<br>31    |
|                                    | CALCIUM*                 | lb/A<br>ppm                                         | 7678<br>3839 | 3046<br>1523 | 3534<br>1767 | 3064<br>1532 | 3770<br>1885 |
|                                    | MAGNESIUM*               | lb/A<br>ppm                                         | 3796<br>1898 | 592<br>296   | 546<br>273   | 534<br>267   | 638<br>319   |
|                                    | POTASSIUM*               | lb/A<br>ppm                                         | 1200<br>600  | 74<br>37     | 108<br>54    | 104<br>52    | 106<br>53    |
|                                    | SODIUM*                  | lb/A<br>ppm                                         | 972<br>486   | 212<br>106   | 264<br>132   | 292<br>146   | 314<br>157   |
| BASE SATURATION PERCENT            |                          |                                                     |              |              |              |              |              |
|                                    | Calcium                  | %                                                   | 48.11        | 69.29        | 72.24        | 69.45        | 70.65        |
|                                    | Magnesium                | %                                                   | 39.64        | 22.44        | 18.60        | 20.17        | 19.93        |
|                                    | Potassium                | %                                                   | 3.86         | 0.86         | 1.13         | 1.21         | 1.02         |
|                                    | Sodium                   | %                                                   | 5.30         | 4.19         | 4.69         | 5.76         | 5.12         |
|                                    | Other Bases              | %                                                   | 3.10         | 3.20         | 3.30         | 3.40         | 3.30         |
|                                    | Hydrogen                 | %                                                   | 0.00         | 0.00         | 0.00         | 0.00         | 0.00         |
| EXTRACTABLE MINORS                 |                          |                                                     |              |              |              |              |              |
|                                    | Boron** (ppm)            |                                                     | 5.67         | 1.02         | 0.85         | 1.13         | 1.07         |
|                                    | Iron** (ppm)             |                                                     | 99           | 123          | 140          | 116          | 112          |
|                                    | Manganese** (ppm)        |                                                     | 41           | 111          | 123          | 88           | 86           |
|                                    | Copper** (ppm)           |                                                     | 3.30         | 0.99         | 0.97         | 0.89         | 0.76         |
|                                    | Zinc** (ppm)             |                                                     | 9.88         | 18.89        | 18.22        | 15.00        | 12.03        |
|                                    | Aluminum** (ppm)         |                                                     | 127          | 57           | 37           | 67           | 57           |
| OTHER TESTS                        | Soluble Salts (mmhos/cm) |                                                     |              |              |              |              |              |
|                                    | Chlorides (ppm)          |                                                     |              |              |              |              |              |
|                                    | NO <sub>3</sub> -N (ppm) |                                                     | 8.7          | 1.5          | 2.5          | 4.1          | 3.0          |
|                                    | NH <sub>4</sub> -N (ppm) |                                                     | 5.2          | 2.4          | 2.8          | 2.2          | 2.2          |

a - alkaline soil

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\*\* Mehlich III Extractable