

# BROOKSIDE LABORATORIES, INC.

## SATURATED SOIL ANALYSIS

Boulder Creek Golf Club  
1501 Veterans Memorial Drive  
Boulder City, NV 89005

File Number: 47327  
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Submitted By: Soil and Water Consulting

|                               |             |       |       |             |       |       |  |
|-------------------------------|-------------|-------|-------|-------------|-------|-------|--|
| Lab Number                    | 2080        |       |       | 2081        |       |       |  |
| Description                   | DESERT HAWK |       |       | DESERT HAWK |       |       |  |
|                               | GREEN       |       |       | GREEN       |       |       |  |
|                               | 6           |       |       | 9           |       |       |  |
| pH                            | 7.2         |       |       | 7.5         |       |       |  |
|                               | (ppm)       | meq/l | %     | (ppm)       | meq/l | %     |  |
| Soluble Salts *               | 301         |       |       | 262         |       |       |  |
| Chloride                      | 18          |       |       | 18          |       |       |  |
| Nitrate (NO <sub>3</sub> -N)  | < 0.5       |       |       | < 0.5       |       |       |  |
| Bicarbonate                   | 99.76       |       |       | 83.36       |       |       |  |
| Sulfur                        | 26.38       |       |       | 17.99       |       |       |  |
| Phosphorus                    | 1.62        |       |       | 0.82        |       |       |  |
| Calcium                       | 20.56       | 1.03  | 27.30 | 14.33       | 0.71  | 23.69 |  |
| Magnesium                     | 5.74        | 0.47  | 12.56 | 4.43        | 0.36  | 12.08 |  |
| Potassium                     | 6.68        | 0.17  | 4.54  | 5.36        | 0.14  | 4.54  |  |
| Sodium                        | 48.05       | 2.09  | 55.59 | 41.44       | 1.80  | 59.69 |  |
| TOTAL                         |             | 3.76  | 100   |             | 3.02  | 100   |  |
| Boron                         | 0.21        |       |       | 0.20        |       |       |  |
| Iron                          | 0.39        |       |       | 0.28        |       |       |  |
| Manganese                     | 0.11        |       |       | 0.12        |       |       |  |
| Copper                        | 0.04        |       |       | 0.04        |       |       |  |
| Zinc                          | 0.01        |       |       | 0.01        |       |       |  |
| Aluminum                      | 1.83        |       |       | 1.27        |       |       |  |
| Ammonium (NH <sub>4</sub> -N) | < 0.5       |       |       | < 0.5       |       |       |  |
| ESP (calculated)              | 2.25        |       |       | 2.30        |       |       |  |
| SAR (calculated)              | 2.41        |       |       | 2.45        |       |       |  |

\* Soluble Salts: mmhos/cm = ppm / 640