

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

The Summit Club
10775 Summit Club Drive
Las Vegas, NV 89135

File Number: 73668
Date Received: 06/16/2025
Date Reported: 06/17/2025

Submitted By: Soil and Water Consulting

Lab Number	0049
Description	TEE
	6

pH	8.0
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	563					
Chloride	80					
Nitrate (NO ₃ -N)	< 0.5					
Bicarbonate	133.14					
Sulfur	60.17					
Phosphorus	3.73					
Calcium	57.89	2.89	32.21			
Magnesium	17.67	1.45	16.20			
Potassium	23.68	0.61	6.75			
Sodium	92.49	4.02	44.84			
TOTAL		8.97	100			
Boron	0.13					
Iron	3.40					
Manganese	0.13					
Copper	0.04					
Zinc	0.03					
Aluminum	6.12					
Ammonium (NH ₄ -N)	2.3					
ESP (calculated)	2.69					
SAR (calculated)	2.73					

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0050
Description	FAIRWAY
	6

pH	8.1
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	1457					
Chloride	255					
Nitrate (NO3-N)	22.5					
Bicarbonate	241.57					
Sulfur	226.44					
Phosphorus	3.59					
Calcium	182.04	9.08	32.22			
Magnesium	77.62	6.38	22.64			
Potassium	67.68	1.73	6.14			
Sodium	252.88	10.99	39.00			
TOTAL		28.19	100			
Boron	0.30					
Iron	3.17					
Manganese	0.13					
Copper	0.12					
Zinc	0.03					
Aluminum	6.52					
Ammonium (NH4-N)	3.9					
ESP (calculated)	4.37					
SAR (calculated)	3.95					

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0051			0052			
Description	GREEN			GREEN			
	6			15			
pH	8.1			8.1			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	1309			980			
Chloride	217			157			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	143.96			125.31			
Sulfur	248.29			150.84			
Phosphorus	0.99			1.23			
Calcium	182.97	9.13	36.54	115.86	5.78	34.03	
Magnesium	52.26	4.30	17.20	32.49	2.67	15.73	
Potassium	53.35	1.36	5.46	44.67	1.14	6.73	
Sodium	234.49	10.20	40.80	170.01	7.39	43.51	
TOTAL		24.99	100		16.99	100	
Boron	0.22			0.21			
Iron	0.75			1.34			
Manganese	0.11			0.09			
Copper	0.04			0.09			
Zinc	0.01			0.02			
Aluminum	1.28			1.95			
Ammonium (NH4-N)	6.2			6.5			
ESP (calculated)	4.35			3.89			
SAR (calculated)	3.93			3.60			

* Soluble Salts: mmhos/cm = ppm / 640