

BROOKSIDE LABORATORIES, INC.
SATURATED SOIL ANALYSIS

Canyon Gate Country Club
2001 Canyon Gate Drive
Las Vegas, NV 89117

File Number: 46715
Date Received: 3/25/2025
Date Reported: 3/26/2025

Submitted By: Soil and Water Consulting

Lab Number	0008
Description	TEE
	14

pH	8.1
----	-----

	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	691					
Chloride	91					
Nitrate (NO3-N)	< 0.5					
Bicarbonate	230.09					
Sulfur	82.68					
Phosphorus	3.59					
Calcium	88.98	4.44	32.56			
Magnesium	36.80	3.03	22.19			
Potassium	28.71	0.73	5.39			
Sodium	125.00	5.43	39.86			
TOTAL		13.63	100			
Boron	0.13					
Iron	1.01					
Manganese	0.13					
Copper	0.04					
Zinc	0.05					
Aluminum	1.48					
Ammonium (NH4-N)	3.0					
ESP (calculated)	2.81					
SAR (calculated)	2.81					

* Soluble Salts: mmhos/cm = ppm / 640

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

Canyon Gate Country Club
2001 Canyon Gate Drive
Las Vegas, NV 89117

File Number: 46715
Date Received: 3/25/2025
Date Reported: 3/26/2025

Submitted By: Soil and Water Consulting

Lab Number	0009
Description	FAIRWAY
	14

pH	8.0
----	-----

	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	820					
Chloride	109					
Nitrate (NO3-N)	21.0					
Bicarbonate	198.59					

Sulfur	107.27					
Phosphorus	3.88					
Calcium	126.12	6.29	38.15			
Magnesium	50.33	4.14	25.09			
Potassium	32.75	0.84	5.08			
Sodium	120.19	5.23	31.68			
TOTAL		16.50	100			

Boron	0.12
Iron	0.89
Manganese	0.05
Copper	0.04
Zinc	0.03
Aluminum	1.77
Ammonium (NH4-N)	2.5

ESP (calculated)	2.07
SAR (calculated)	2.29

* Soluble Salts: mmhos/cm = ppm / 640

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

Canyon Gate Country Club
2001 Canyon Gate Drive
Las Vegas, NV 89117

File Number: 46715
Date Received: 3/25/2025
Date Reported: 3/26/2025

Submitted By: Soil and Water Consulting

Lab Number	0010			0011			
Description	GREEN			GREEN			
	5			14			
pH	8.1			7.9			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	399			385			
Chloride	33			43			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	135.17			109.42			
Sulfur	46.52			55.09			
Phosphorus	2.69			1.58			
Calcium	45.39	2.26	30.26	38.41	1.92	25.62	
Magnesium	16.23	1.33	17.83	15.52	1.28	17.06	
Potassium	21.54	0.55	7.36	18.60	0.48	6.36	
Sodium	76.67	3.33	44.54	87.68	3.81	50.96	
TOTAL		7.48	100		7.48	100	
Boron	0.14			0.10			
Iron	1.33			1.48			
Manganese	0.06			0.08			
Copper	0.04			0.02			
Zinc	0.02			0.02			
Aluminum	1.92			2.14			
Ammonium (NH4-N)	0.6			0.9			
ESP (calculated)	2.35			3.09			
SAR (calculated)	2.48			3.02			

* Soluble Salts: mmhos/cm = ppm / 640