

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

Coyote Springs Golf Club
3100 State Route 168
Coyote Springs, NV 89037

File Number: 55476
Date Received: 3/26/2025
Date Reported: 3/27/2025

Submitted By: Soil and Water Consulting

Lab Number	0051
Description	TEE
	5

pH	8.3
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	451					
Chloride	35					
Nitrate (NO ₃ -N)	< 0.5					
Bicarbonate	249.77					

Sulfur	40.41					
Phosphorus	1.43					
Calcium	46.93	2.34	25.30			
Magnesium	20.91	1.72	18.58			
Potassium	20.87	0.53	5.77			
Sodium	107.19	4.66	50.35			
TOTAL		9.26	100			

Boron	0.33					
Iron	1.31					
Manganese	0.15					
Copper	0.04					
Zinc	0.03					
Aluminum	2.30					
Ammonium (NH ₄ -N)	1.4					

ESP (calculated)	3.44					
SAR (calculated)	3.27					

* Soluble Salts: mmhos/cm = ppm / 640

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Submitted By: Soil and Water Consulting

Lab Number	0052
Description	FAIRWAY
	5

pH	8.3
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	511					
Chloride	35					
Nitrate (NO ₃ -N)	< 0.5					
Bicarbonate	315.61					

Sulfur	31.05					
Phosphorus	1.69					
Calcium	55.80	2.78	27.09			
Magnesium	25.60	2.11	20.49			
Potassium	21.16	0.54	5.27			
Sodium	111.47	4.85	47.16			
TOTAL		10.28	100			

Boron	0.45
Iron	2.06
Manganese	0.23
Copper	0.06
Zinc	0.04
Aluminum	4.10
Ammonium (NH ₄ -N)	< 0.5

ESP (calculated)	3.21
SAR (calculated)	3.10

* Soluble Salts: mmhos/cm = ppm / 640

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Submitted By: Soil and Water Consulting

Lab Number	0053			0054			
Description	GREEN			GREEN			
	5			14			
pH	8.1			8.3			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	332			416			
Chloride	25			24			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	132.99			173.98			
Sulfur	45.31			57.86			
Phosphorus	2.16			2.43			
Calcium	38.91	1.94	26.34	41.59	2.08	23.41	
Magnesium	13.04	1.07	14.55	16.14	1.33	14.96	
Potassium	19.80	0.51	6.87	29.40	0.75	8.48	
Sodium	88.56	3.85	52.24	108.40	4.71	53.15	
TOTAL		7.37	100		8.87	100	
Boron	0.28			0.43			
Iron	5.05			2.81			
Manganese	0.50			0.23			
Copper	0.06			0.05			
Zinc	0.12			0.06			
Aluminum	8.19			4.39			
Ammonium (NH4-N)	< 0.5			< 0.5			
ESP (calculated)	3.26			3.91			
SAR (calculated)	3.14			3.61			

* Soluble Salts: mmhos/cm = ppm / 640