

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

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

File Number: 55476
Date Received: 10/7/2024
Date Reported: 10/8/2024

Submitted By: Soil and Water Consulting

Lab Number	0052
Description	TEE
	2

pH	8.4
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	556					
Chloride	66					
Nitrate (NO ₃ -N)	2.7					
Bicarbonate	298.57					

Sulfur	37.87					
Phosphorus	2.19					
Calcium	47.54	2.37	23.21			
Magnesium	18.95	1.56	15.25			
Potassium	28.13	0.72	7.04			
Sodium	128.14	5.57	54.50			
TOTAL		10.22	100			

Boron	0.32
Iron	1.48
Manganese	0.06
Copper	0.07
Zinc	0.04
Aluminum	2.60
Ammonium (NH ₄ -N)	1.4

ESP (calculated)	4.40
SAR (calculated)	3.97

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0053
Description	FAIRWAY
	2

pH	8.3
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	486					
Chloride	53					
Nitrate (NO3-N)	5.0					
Bicarbonate	257.05					
Sulfur	30.86					
Phosphorus	2.20					
Calcium	40.55	2.02	23.55			
Magnesium	16.03	1.32	15.34			
Potassium	24.38	0.62	7.26			
Sodium	106.43	4.63	53.85			
TOTAL		8.59	100			
Boron	0.26					
Iron	0.92					
Manganese	0.04					
Copper	0.03					
Zinc	0.02					
Aluminum	1.75					
Ammonium (NH4-N)	3.6					
ESP (calculated)	3.86					
SAR (calculated)	3.58					

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0054			0055			
Description	GREEN			GREEN			
	2			11			
pH	8.2			8.3			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	380			517			
Chloride	38			59			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	199.19			262.77			
Sulfur	32.94			42.29			
Phosphorus	2.24			2.91			
Calcium	35.65	1.78	25.63	35.82	1.79	22.07	
Magnesium	12.83	1.06	15.20	11.57	0.95	11.74	
Potassium	24.47	0.63	9.02	36.08	0.92	11.39	
Sodium	80.06	3.48	50.15	102.07	4.44	54.79	
TOTAL		6.94	100		8.10	100	
Boron	0.27			0.28			
Iron	4.96			4.52			
Manganese	0.42			0.49			
Copper	0.06			0.09			
Zinc	0.11			0.09			
Aluminum	7.16			6.70			
Ammonium (NH4-N)	5.5			20.8			
ESP (calculated)	2.96			4.15			
SAR (calculated)	2.92			3.79			

* Soluble Salts: mmhos/cm = ppm / 640