

BROOKSIDE LABORATORIES, INC.
SATURATED SOIL ANALYSIS

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

File Number: 55476
Date Received: 03/13/2019
Date Reported: 03/14/2019

Submitted By: Soil and Water Consulting

Lab Number	0016
Description	TEE
	5

pH	8.3
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	343					
Chloride	12					
Nitrate (NO3-N)	< 0.5					
Bicarbonate	185.47					

Sulfur	13.49					
Phosphorus	1.73					
Calcium	35.91	1.79	29.63			
Magnesium	15.73	1.29	21.39			
Potassium	15.96	0.41	6.75			
Sodium	58.74	2.55	42.23			
TOTAL		6.05	100			

Boron	0.33
Iron	1.13
Manganese	0.11
Copper	0.02
Zinc	0.01
Aluminum	1.72
Ammonium (NH4-N)	< 0.5

ESP (calculated)	1.74
SAR (calculated)	2.06

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0017
Description	FAIRWAY
	5

pH	8.4
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	358					
Chloride	10					
Nitrate (NO ₃ -N)	< 0.5					
Bicarbonate	187.91					

Sulfur	22.13					
Phosphorus	2.90					
Calcium	32.81	1.64	26.39			
Magnesium	14.89	1.22	19.74			
Potassium	20.53	0.53	8.46			
Sodium	64.79	2.82	45.41			
TOTAL		6.20	100			

Boron	0.41
Iron	0.91
Manganese	0.11
Copper	0.02
Zinc	0.02
Aluminum	1.73
Ammonium (NH ₄ -N)	< 0.5

ESP (calculated)	2.17
SAR (calculated)	2.36

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0018			0019			
Description	GREEN			GREEN			
	5			14			
pH	8.3			8.3			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	237			307			
Chloride	7			11			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	114.70			190.35			
Sulfur	7.55			10.11			
Phosphorus	3.66			3.21			
Calcium	29.46	1.47	32.37	37.98	1.90	36.53	
Magnesium	11.59	0.95	20.99	15.87	1.31	25.16	
Potassium	11.67	0.30	6.57	14.40	0.37	7.10	
Sodium	41.85	1.82	40.06	37.25	1.62	31.21	
TOTAL		4.54	100		5.19	100	
Boron	0.35			0.35			
Iron	2.47			1.43			
Manganese	0.20			0.28			
Copper	0.06			0.02			
Zinc	0.05			0.03			
Aluminum	3.96			2.19			
Ammonium (NH4-N)	< 0.5			0.6			
ESP (calculated)	1.16			0.62			
SAR (calculated)	1.65			1.28			

* Soluble Salts: mmhos/cm = ppm / 640