

BROOKSIDE LABORATORIES, INC.
SATURATED SOIL ANALYSIS

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

File Number: 55476
Date Received: 9/26/2019
Date Reported: 9/30/2019

Submitted By: Soil and Water Consulting

Lab Number	0083
Description	TEE
	16

pH	8.6
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	515					
Chloride	49					
Nitrate (NO ₃ -N)	< 0.5					
Bicarbonate	209.87					

Sulfur	21.32					
Phosphorus	2.56					
Calcium	60.38	3.01	30.06			
Magnesium	27.49	2.26	22.55			
Potassium	34.06	0.87	8.69			
Sodium	89.21	3.88	38.70			
TOTAL		10.02	100			

Boron	0.44
Iron	0.69
Manganese	0.20
Copper	0.03
Zinc	0.03
Aluminum	1.22
Ammonium (NH ₄ -N)	0.8

ESP (calculated)	2.21
SAR (calculated)	2.39

* Soluble Salts: mmhos/cm = ppm / 640

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Submitted By: Soil and Water Consulting

Lab Number	0084
Description	FAIRWAY
	16

pH	8.6
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	550					
Chloride	48					
Nitrate (NO ₃ -N)	< 0.5					
Bicarbonate	236.72					
Sulfur	29.48					
Phosphorus	3.03					
Calcium	56.84	2.84	26.17			
Magnesium	24.70	2.03	18.75			
Potassium	36.19	0.93	8.54			
Sodium	116.01	5.04	46.54			
TOTAL		10.84	100			

Boron	0.64
Iron	1.17
Manganese	0.19
Copper	0.04
Zinc	0.03
Aluminum	2.29
Ammonium (NH ₄ -N)	0.6

ESP (calculated)	3.39
SAR (calculated)	3.23

* Soluble Salts: mmhos/cm = ppm / 640

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Submitted By: Soil and Water Consulting

Lab Number	0085			0086			
Description	GREEN			GREEN			
	7			16			
pH	8.6			8.6			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	603			730			
Chloride	74			100			
Nitrate (NO ₃ -N)	< 0.5			< 0.5			
Bicarbonate	239.16			302.61			
Sulfur	57.15			56.23			
Phosphorus	1.90			1.24			
Calcium	49.15	2.45	22.67	60.01	2.99	23.20	
Magnesium	21.88	1.80	16.63	27.61	2.27	17.59	
Potassium	34.47	0.88	8.15	38.44	0.98	7.62	
Sodium	130.75	5.68	52.55	153.22	6.66	51.60	
TOTAL		10.82	100		12.91	100	
Boron	0.55			0.46			
Iron	1.51			0.84			
Manganese	0.39			0.40			
Copper	0.05			0.06			
Zinc	0.03			0.02			
Aluminum	2.38			1.19			
Ammonium (NH ₄ -N)	< 0.5			< 0.5			
ESP (calculated)	4.30			4.58			
SAR (calculated)	3.90			4.11			

* Soluble Salts: mmhos/cm = ppm / 640