

BROOKSIDE LABORATORIES, INC.
SATURATED SOIL ANALYSIS

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

File Number: 55476
Date Received: 03/12/2018
Date Reported: 03/14/2018

Submitted By: Soil and Water Consulting

Lab Number	0095
Description	TEE
	9

pH	7.9
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	342					
Chloride	14					
Nitrate (NO ₃ -N)	< 0.5					
Bicarbonate	165.95					

Sulfur	24.25					
Phosphorus	2.00					
Calcium	48.42	2.42	31.21			
Magnesium	20.75	1.71	22.04			
Potassium	24.20	0.62	7.99			
Sodium	69.03	3.00	38.76			
TOTAL		7.74	100			

Boron	0.47
Iron	1.82
Manganese	0.14
Copper	0.07
Zinc	0.02
Aluminum	3.22
Ammonium (NH ₄ -N)	0.6

ESP (calculated)	1.79
SAR (calculated)	2.09

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0096
Description	FAIRWAY
	9

pH	8.1
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	385					
Chloride	17					
Nitrate (NO ₃ -N)	< 0.5					
Bicarbonate	200.11					

Sulfur	23.02					
Phosphorus	2.98					
Calcium	53.46	2.67	31.96			
Magnesium	24.05	1.98	23.70			
Potassium	16.67	0.43	5.11			
Sodium	75.32	3.27	39.23			
TOTAL		8.35	100			

Boron	0.43
Iron	1.25
Manganese	0.10
Copper	0.07
Zinc	0.02
Aluminum	2.73
Ammonium (NH ₄ -N)	< 0.5

ESP (calculated)	1.87
SAR (calculated)	2.15

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0097			0098			
Description	GREEN			GREEN			
	9			18			
pH	8.2			8.0			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	307			1218			
Chloride	11			22			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	187.91			197.67			
Sulfur	18.73			275.47			
Phosphorus	2.76			2.02			
Calcium	44.65	2.23	38.13	290.97	14.52	61.56	
Magnesium	15.42	1.27	21.70	64.00	5.26	22.31	
Potassium	13.32	0.34	5.83	26.07	0.67	2.83	
Sodium	46.15	2.01	34.34	72.17	3.14	13.30	
TOTAL		5.84	100		23.59	100	
Boron	0.33			0.40			
Iron	1.51			0.30			
Manganese	0.10			0.41			
Copper	0.06			0.03			
Zinc	0.04			0.01			
Aluminum	2.47			0.46			
Ammonium (NH4-N)	0.7			0.9			
ESP (calculated)	0.97			0.21			
SAR (calculated)	1.52			1.00			

* Soluble Salts: mmhos/cm = ppm / 640