

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

The Summit
Las Vegas, NV

File Number: 73668
Date Received: 3/17/2023
Date Reported: 3/21/2023

Submitted By: Soil and Water Consulting

Lab Number	0025
Description	TEE
	1

pH	8.0
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	1387					
Chloride	160					
Nitrate (NO ₃ -N)	66.8					
Bicarbonate	315.11					
Sulfur	122.75					
Phosphorus	13.69					
Calcium	215.24	10.74	41.13			
Magnesium	73.50	6.04	23.15			
Potassium	126.75	3.24	12.41			
Sodium	140.01	6.09	23.31			
TOTAL		26.11	100			
Boron	0.25					
Iron	0.85					
Manganese	1.18					
Copper	0.16					
Zinc	0.07					
Aluminum	1.73					
Ammonium (NH ₄ -N)	14.4					
ESP (calculated)	1.81					
SAR (calculated)	2.10					

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0026
Description	FAIRWAY
	1

pH	8.1
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	1183					
Chloride	204					
Nitrate (NO ₃ -N)	< 0.5					
Bicarbonate	235.44					

Sulfur	186.94					
Phosphorus	3.68					
Calcium	159.73	7.97	35.17			
Magnesium	59.55	4.90	21.61			
Potassium	71.63	1.83	8.08			
Sodium	183.18	7.96	35.14			
TOTAL		22.66	100			

Boron	0.30
Iron	1.93
Manganese	0.65
Copper	0.06
Zinc	0.04
Aluminum	3.13
Ammonium (NH ₄ -N)	8.0

ESP (calculated)	3.26
SAR (calculated)	3.14

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0027			0028			
Description	GREEN			GREEN			
	1			10			
pH	8.1			8.1			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	547			1096			
Chloride	61			151			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	169.96			266.48			
Sulfur	62.04			193.51			
Phosphorus	2.76			2.50			
Calcium	67.10	3.35	36.46	190.42	9.50	42.80	
Magnesium	19.11	1.57	17.12	53.03	4.36	19.65	
Potassium	29.81	0.76	8.30	49.66	1.27	5.72	
Sodium	80.51	3.50	38.12	162.51	7.07	31.83	
TOTAL		9.18	100		22.20	100	
Boron	0.18			0.27			
Iron	0.80			1.08			
Manganese	0.42			2.31			
Copper	0.07			0.06			
Zinc	0.03			0.05			
Aluminum	0.99			1.45			
Ammonium (NH4-N)	2.2			4.0			
ESP (calculated)	1.99			2.63			
SAR (calculated)	2.23			2.68			

* Soluble Salts: mmhos/cm = ppm / 640