

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

Dragon Ridge C.C.
Henderson, NV

File Number: 47746
Date Received: 10/7/2024
Date Reported: 10/8/2024

Submitted By: Soil and Water Consulting

Lab Number	0068
Description	TEE
	2

pH	8.2
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	536					
Chloride	119					
Nitrate (NO ₃ -N)	0.8					
Bicarbonate	167.16					

Sulfur	40.53					
Phosphorus	4.08					
Calcium	43.62	2.18	24.23			
Magnesium	13.77	1.13	12.60			
Potassium	24.26	0.62	6.90			
Sodium	116.28	5.06	56.27			
TOTAL		8.98	100			

Boron	0.24					
Iron	1.91					
Manganese	0.09					
Copper	0.08					
Zinc	0.03					
Aluminum	3.35					
Ammonium (NH ₄ -N)	1.9					

ESP (calculated)	4.34					
SAR (calculated)	3.93					

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0069
Description	FAIRWAY
	2

pH	8.1
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	844					
Chloride	180					
Nitrate (NO ₃ -N)	< 0.5					
Bicarbonate	162.66					

Sulfur	96.77					
Phosphorus	2.39					
Calcium	81.54	4.07	27.02			
Magnesium	23.32	1.92	12.74			
Potassium	34.69	0.89	5.89			
Sodium	188.24	8.18	54.35			
TOTAL		15.06	100			

Boron	0.47
Iron	3.36
Manganese	0.39
Copper	0.07
Zinc	0.05
Aluminum	7.09
Ammonium (NH ₄ -N)	1.9

ESP (calculated)	5.41
SAR (calculated)	4.73

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0070			0071			
Description	GREEN			GREEN			
	2			11			
pH	8.4			8.0			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	359			369			
Chloride	35			35			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	119.81			54.90			
Sulfur	32.24			56.62			
Phosphorus	4.85			2.10			
Calcium	15.45	0.77	18.90	38.40	1.92	33.05	
Magnesium	6.66	0.55	13.43	11.25	0.93	15.96	
Potassium	23.47	0.60	14.72	20.42	0.52	9.01	
Sodium	49.68	2.16	52.95	55.97	2.43	41.98	
TOTAL		4.08	100		5.80	100	
Boron	0.20			0.15			
Iron	6.90			0.74			
Manganese	0.16			0.07			
Copper	0.05			0.02			
Zinc	0.04			< 0.01			
Aluminum	11.37			1.04			
Ammonium (NH4-N)	22.0			< 0.5			
ESP (calculated)	2.59			1.72			
SAR (calculated)	2.66			2.04			

* Soluble Salts: mmhos/cm = ppm / 640