

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

Dragon Ridge C.C.
Henderson, NV

File Number: 47746
Date Received: 3/20/2023
Date Reported: 3/22/2023

Submitted By: Soil and Water Consulting

Lab Number	0010
Description	FAIRWAY
	18

pH	8.0
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	1851					
Chloride	475					
Nitrate (NO ₃ -N)	< 0.5					
Bicarbonate	288.41					
Sulfur	216.20					
Phosphorus	5.18					
Calcium	152.04	7.59	21.02			
Magnesium	53.19	4.37	12.12			
Potassium	78.22	2.00	5.54			
Sodium	508.92	22.13	61.31			
TOTAL		36.09	100			
Boron	1.05					
Iron	1.77					
Manganese	0.57					
Copper	0.10					
Zinc	0.14					
Aluminum	4.07					
Ammonium (NH ₄ -N)	5.1					
ESP (calculated)	10.78					
SAR (calculated)	9.05					

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0011
Description	ROUGH
	3

pH	8.1
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	2425					
Chloride	600					
Nitrate (NO ₃ -N)	< 0.5					
Bicarbonate	239.60					

Sulfur	209.43					
Phosphorus	2.70					
Calcium	142.80	7.13	19.65			
Magnesium	51.04	4.20	11.58			
Potassium	56.37	1.44	3.98			
Sodium	540.26	23.49	64.79			
TOTAL		36.25	100			

Boron	0.84					
Iron	1.11					
Manganese	0.37					
Copper	0.19					
Zinc	0.12					
Aluminum	2.20					
Ammonium (NH ₄ -N)	3.7					

ESP (calculated)	11.74					
SAR (calculated)	9.87					

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0012
Description	FAIRWAY
	13

pH	8.0
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	1895					
Chloride	434					
Nitrate (NO ₃ -N)	< 0.5					
Bicarbonate	179.01					

Sulfur	366.85					
Phosphorus	3.62					
Calcium	226.98	11.33	29.74			
Magnesium	67.32	5.54	14.54			
Potassium	63.24	1.62	4.25			
Sodium	450.80	19.60	51.47			
TOTAL		38.08	100			

Boron	0.77
Iron	1.30
Manganese	0.40
Copper	0.12
Zinc	0.11
Aluminum	2.51
Ammonium (NH ₄ -N)	3.8

ESP (calculated)	8.00
SAR (calculated)	6.75

* Soluble Salts: mmhos/cm = ppm / 640