

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

Dragon Ridge C.C.
Henderson, NV

File Number: 47746
Date Received: 6/19/2023
Date Reported: 6/21/2023

Submitted By: Soil and Water Consulting

Lab Number	0001			0002			
Description	FAIRWAY			FAIRWAY			
	1			9			
pH	7.8			7.8			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	1094			1160			
Chloride	356			321			
Nitrate (NO ₃ -N)	< 0.5			< 0.5			
Bicarbonate	160.01			137.42			
Sulfur	108.59			122.89			
Phosphorus	4.13			4.20			
Calcium	74.42	3.71	19.09	79.64	3.97	19.70	
Magnesium	24.82	2.04	10.49	26.81	2.20	10.93	
Potassium	65.82	1.68	8.65	57.42	1.47	7.28	
Sodium	276.34	12.01	61.76	288.02	12.52	62.09	
TOTAL		19.45	100		20.17	100	
Boron	0.63			0.47			
Iron	5.90			2.21			
Manganese	0.22			0.24			
Copper	0.11			0.07			
Zinc	0.12			0.07			
Aluminum	11.41			4.69			
Ammonium (NH ₄ -N)	3.2			1.0			
ESP (calculated)	8.41			8.47			
SAR (calculated)	7.08			7.12			

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0003			0004			
Description	FAIRWAY			FAIRWAY			
	10			18			
pH	7.7			7.8			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	909			2365			
Chloride	228			685			
Nitrate (NO ₃ -N)	< 0.5			< 0.5			
Bicarbonate	118.22			180.16			
Sulfur	99.86			457.51			
Phosphorus	3.43			3.15			
Calcium	58.32	2.91	18.44	312.44	15.59	32.52	
Magnesium	18.83	1.55	9.82	71.27	5.86	12.22	
Potassium	51.13	1.31	8.29	104.25	2.67	5.56	
Sodium	230.31	10.01	63.46	547.94	23.82	49.69	
TOTAL		15.78	100		47.94	100	
Boron	0.60			0.80			
Iron	4.17			0.91			
Manganese	0.13			0.55			
Copper	0.10			0.04			
Zinc	0.08			0.06			
Aluminum	8.72			2.31			
Ammonium (NH ₄ -N)	0.8			3.5			
ESP (calculated)	7.95			8.65			
SAR (calculated)	6.71			7.27			

* Soluble Salts: mmhos/cm = ppm / 640