

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

Western Golf Properties
1 Spectrum Pointe Dr #310
Lake Forest, CA 92630

File Number: 80046
Date Received: 10/20/2023
Date Reported: 10/24/2023

Submitted By: Soil and Water Consulting

Lab Number	0053			0054			
Description	SAN RAMON GC			SAN RAMON GC			
	TEE			FAIRWAY			
	2			2			
pH	8.3			8.3			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	602			530			
Chloride	199			95			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	179.37			204.95			
Sulfur	42.84			34.79			
Phosphorus	4.81			2.18			
Calcium	59.58	2.97	23.71	42.64	2.13	19.15	
Magnesium	30.97	2.55	20.31	22.25	1.83	16.47	
Potassium	16.47	0.42	3.36	6.34	0.16	1.46	
Sodium	151.78	6.60	52.62	160.80	6.99	62.92	
TOTAL		12.54	100		11.11	100	
Boron	0.53			0.81			
Iron	0.57			0.42			
Manganese	0.08			0.04			
Copper	0.06			0.05			
Zinc	0.04			0.03			
Aluminum	1.05			1.69			
Ammonium (NH4-N)	1.2			< 0.5			
ESP (calculated)	4.40			5.72			
SAR (calculated)	3.97			4.97			

* Soluble Salts: mmhos/cm = ppm / 640

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Submitted By: Soil and Water Consulting

Lab Number	0055			0056			
Description	SAN RAMON GC			SAN RAMON GC			
	GREEN			GREEN			
	2			17			
pH	8.2			8.2			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	664			1012			
Chloride	103			181			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	139.43			137.54			
Sulfur	93.13			178.93			
Phosphorus	5.01			2.66			
Calcium	56.42	2.82	22.60	103.53	5.17	26.07	
Magnesium	23.78	1.96	15.70	41.81	3.44	17.35	
Potassium	78.18	2.00	16.05	103.93	2.66	13.41	
Sodium	130.79	5.69	45.65	196.68	8.55	43.16	
TOTAL		12.46	100		19.81	100	
Boron	0.38			0.48			
Iron	0.88			1.15			
Manganese	0.24			0.26			
Copper	0.04			0.04			
Zinc	0.03			0.02			
Aluminum	1.09			1.93			
Ammonium (NH4-N)	2.5			2.1			
ESP (calculated)	4.00			4.60			
SAR (calculated)	3.68			4.12			

* Soluble Salts: mmhos/cm = ppm / 640