

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

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

File Number: 80046
Date Received: 10/22/2020
Date Reported: 10/26/2020

Submitted By: Soil and Water Consulting

Lab Number	0030			0031			
Description	SAN RAMON GC			SAN RAMON GC			
	TEE			FAIRWAY			
	5			5			
pH	8.3			8.4			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	659			799			
Chloride	188			241			
Nitrate (NO3-N)	< 0.5			0.6			
Bicarbonate	189.22			225.11			
Sulfur	38.64			45.95			
Phosphorus	1.93			2.07			
Calcium	61.50	3.07	20.70	81.94	4.09	22.96	
Magnesium	26.96	2.22	14.95	38.63	3.18	17.84	
Potassium	11.20	0.29	1.93	9.81	0.25	1.41	
Sodium	212.89	9.26	62.42	236.78	10.29	57.80	
TOTAL		14.83	100		17.81	100	
Boron	0.78			1.02			
Iron	1.26			1.24			
Manganese	0.06			0.05			
Copper	0.06			0.06			
Zinc	0.04			0.03			
Aluminum	1.38			1.51			
Ammonium (NH4-N)	0.7			1.1			
ESP (calculated)	6.66			6.29			
SAR (calculated)	5.69			5.40			

* Soluble Salts: mmhos/cm = ppm / 640

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Submitted By: Soil and Water Consulting

Lab Number	0032			0033			
Description	SAN RAMON GC			SAN RAMON GC			
	GREEN			GREEN			
	5			15			
pH	8.2			8.3			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	947			557			
Chloride	188			89			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	170.19			171.28			
Sulfur	118.78			55.75			
Phosphorus	0.81			2.86			
Calcium	101.99	5.09	24.67	60.91	3.04	25.43	
Magnesium	40.31	3.31	16.07	25.00	2.06	17.20	
Potassium	83.83	2.14	10.39	69.88	1.79	14.95	
Sodium	231.80	10.08	48.86	116.64	5.07	42.42	
TOTAL		20.63	100		11.95	100	
Boron	0.69			0.69			
Iron	0.88			0.76			
Manganese	0.31			0.48			
Copper	0.05			0.03			
Zinc	0.02			0.02			
Aluminum	0.74			1.29			
Ammonium (NH4-N)	1.4			1.9			
ESP (calculated)	5.65			3.31			
SAR (calculated)	4.92			3.18			

* Soluble Salts: mmhos/cm = ppm / 640