

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

La Valle Coastal Club
5690 Cancha de Golf
Rancho Santa Fe, CA 92091

File Number: 93033
Date Received: 4/11/2025
Date Reported: 4/15/2025

Submitted By: Soil and Water Consulting

Lab Number	0014			0015			
Description	NORTH COURSE			NORTH COURSE			
	TEE			FAIRWAY			
	4			4			
pH	8.1			8.2			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	1238			1393			
Chloride	399			441			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	215.57			322.27			
Sulfur	99.02			113.48			
Phosphorus	1.94			3.30			
Calcium	112.05	5.59	25.07	129.86	6.48	21.54	
Magnesium	58.38	4.80	21.53	76.23	6.27	20.84	
Potassium	37.44	0.96	4.29	74.08	1.89	6.30	
Sodium	251.90	10.95	49.11	355.12	15.44	51.32	
TOTAL		22.30	100		30.08	100	
Boron	0.26			0.39			
Iron	1.06			2.02			
Manganese	0.52			0.59			
Copper	0.03			0.08			
Zinc	0.05			0.12			
Aluminum	1.11			2.08			
Ammonium (NH4-N)	3.7			6.3			
ESP (calculated)	5.51			7.20			
SAR (calculated)	4.80			6.12			

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0016
Description	NORTH COURSE
	GREEN
	4

pH	7.9
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	349					
Chloride	71					
Nitrate (NO ₃ -N)	1.5					
Bicarbonate	73.63					
Sulfur	24.83					
Phosphorus	6.77					
Calcium	23.65	1.18	24.46			
Magnesium	8.29	0.68	14.13			
Potassium	8.89	0.23	4.71			
Sodium	62.92	2.74	56.70			
TOTAL		4.83	100			
Boron	0.25					
Iron	2.47					
Manganese	0.14					
Copper	0.02					
Zinc	0.06					
Aluminum	3.46					
Ammonium (NH ₄ -N)	0.9					
ESP (calculated)	2.84					
SAR (calculated)	2.84					

* Soluble Salts: mmhos/cm = ppm / 640