

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

Quail Creek Golf Club
1490 N Quail Range Loop, #2
Green Valley, AZ 85614

File Number: 89490
Date Received: 3/10/2025
Date Reported: 3/11/2025

Submitted By: Soil and Water Consulting

Lab Number	0034			0035			
Description	ROADRUNNER			ROADRUNNER			
	TEE			FAIRWAY			
	6			6			
pH	8.1			8.2			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	698			893			
Chloride	26			46			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	215.40			229.61			
Sulfur	120.17			172.51			
Phosphorus	1.20			0.43			
Calcium	47.87	2.39	17.02	84.01	4.19	22.30	
Magnesium	4.42	0.36	2.59	5.62	0.46	2.46	
Potassium	12.97	0.33	2.36	19.25	0.49	2.62	
Sodium	251.81	10.95	78.02	314.02	13.65	72.62	
TOTAL		14.03	100		18.80	100	
Boron	0.28			0.37			
Iron	2.41			1.79			
Manganese	0.13			0.10			
Copper	0.03			0.02			
Zinc	0.04			0.03			
Aluminum	4.40			3.66			
Ammonium (NH4-N)	1.4			1.1			
ESP (calculated)	11.12			10.67			
SAR (calculated)	9.33			8.95			

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0036
Description	ROADRUNNER GREEN 6

pH	8.0
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	243					
Chloride	11					
Nitrate (NO3-N)	2.3					
Bicarbonate	85.24					
Sulfur	25.32					
Phosphorus	1.44					
Calcium	9.95	0.50	11.70			
Magnesium	2.60	0.21	5.03			
Potassium	11.07	0.28	6.67			
Sodium	74.76	3.25	76.59			
TOTAL		4.24	100			
Boron	0.23					
Iron	4.72					
Manganese	0.25					
Copper	0.05					
Zinc	0.05					
Aluminum	8.35					
Ammonium (NH4-N)	< 0.5					
ESP (calculated)	6.35					
SAR (calculated)	5.45					

* Soluble Salts: mmhos/cm = ppm / 640