

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: 9/29/2023
Date Reported: 10/3/2023

Submitted By: Soil and Water Consulting

Lab Number	0027			0028			
Description	COYOTE			COYOTE			
	TEE			FAIRWAY			
	3			3			
pH	8.2			8.4			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	427			769			
Chloride	14			41			
Nitrate (NO ₃ -N)	< 0.5			< 0.5			
Bicarbonate	169.63			234.17			
Sulfur	52.48			77.48			
Phosphorus	0.38			0.43			
Calcium	27.78	1.39	19.19	47.62	2.38	17.08	
Magnesium	4.11	0.34	4.69	7.29	0.60	4.31	
Potassium	9.62	0.25	3.41	20.88	0.53	3.84	
Sodium	120.77	5.25	72.71	239.26	10.40	74.77	
TOTAL		7.22	100		13.91	100	
Boron	0.15			0.45			
Iron	2.43			4.33			
Manganese	0.13			0.19			
Copper	0.02			0.04			
Zinc	0.02			0.03			
Aluminum	4.15			8.05			
Ammonium (NH ₄ -N)	6.2			< 0.5			
ESP (calculated)	6.61			10.17			
SAR (calculated)	5.65			8.53			

* Soluble Salts: mmhos/cm = ppm / 640

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: 9/29/2023
Date Reported: 10/3/2023

Submitted By: Soil and Water Consulting

Lab Number	0029
Description	COYOTE GREEN 3

pH	7.9
----	-----

	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	200					
Chloride	5					
Nitrate (NO ₃ -N)	3.1					
Bicarbonate	78.26					

Sulfur	12.50					
Phosphorus	0.64					
Calcium	12.98	0.65	22.30			
Magnesium	1.68	0.14	4.77			
Potassium	6.18	0.16	5.44			
Sodium	45.10	1.96	67.49			
TOTAL		2.91	100			

Boron	0.07					
Iron	1.08					
Manganese	0.05					
Copper	0.02					
Zinc	< 0.01					
Aluminum	1.35					
Ammonium (NH ₄ -N)	< 0.5					

ESP (calculated)	3.24					
SAR (calculated)	3.13					

* Soluble Salts: mmhos/cm = ppm / 640