

BROOKSIDE LABORATORIES, INC.
SATURATED SOIL ANALYSIS

Tucson Country Club
2950 N. Camino Principal
Tucson, AZ 85715

File Number: 34998
Date Received: 3/21/2022
Date Reported: 3/23/2022

Submitted By: Soil and Water Consulting

Lab Number	0107
Description	TEE
	14

pH	8.2
----	-----

	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	358					
Chloride	33					
Nitrate (NO ₃ -N)	< 0.5					
Bicarbonate	155.66					

Sulfur	33.27					
Phosphorus	2.99					
Calcium	38.61	1.93	29.57			
Magnesium	7.05	0.58	8.90			
Potassium	24.37	0.62	9.57			
Sodium	77.85	3.38	51.95			
TOTAL		6.51	100			

Boron	0.17					
Iron	2.39					
Manganese	0.18					
Copper	0.18					
Zinc	0.16					
Aluminum	3.67					
Ammonium (NH ₄ -N)	< 0.5					

ESP (calculated)	3.10
SAR (calculated)	3.02

* Soluble Salts: mmhos/cm = ppm / 640

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

Tucson Country Club
2950 N. Camino Principal
Tucson, AZ 85715

File Number: 34998
Date Received: 3/21/2022
Date Reported: 3/23/2022

Submitted By: Soil and Water Consulting

Lab Number	0110			0108			
Description	GREEN			GREEN			
	14			5			
pH	8.4			8.2			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	528			289			
Chloride	40			27			
Nitrate (NO3-N)	< 0.5			1.4			
Bicarbonate	240.39			92.26			
Sulfur	48.26			32.86			
Phosphorus	2.29			1.33			
Calcium	75.07	3.75	38.39	41.01	2.05	44.54	
Magnesium	11.25	0.93	9.49	7.08	0.58	12.67	
Potassium	36.84	0.94	9.66	16.97	0.43	9.45	
Sodium	95.28	4.14	42.46	35.23	1.53	33.34	
TOTAL		9.76	100		4.59	100	
Boron	0.16			0.11			
Iron	0.80			0.71			
Manganese	0.21			0.10			
Copper	0.25			0.04			
Zinc	0.16			< 0.01			
Aluminum	1.08			0.94			
Ammonium (NH4-N)	1.4			0.6			
ESP (calculated)	2.67			0.71			
SAR (calculated)	2.71			1.34			

* Soluble Salts: mmhos/cm = ppm / 640

BROOKSIDE LABORATORIES, INC.
SATURATED SOIL ANALYSIS

Tucson Country Club
2950 N. Camino Principal
Tucson, AZ 85715

File Number: 34998
Date Received: 3/21/2022
Date Reported: 3/23/2022

Submitted By: Soil and Water Consulting

Lab Number	0109
Description	FAIRWAY
	14

pH	8.1
----	-----

	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	320					
Chloride	35					
Nitrate (NO ₃ -N)	0.7					
Bicarbonate	102.89					
Sulfur	40.68					
Phosphorus	1.64					
Calcium	51.28	2.56	46.01			
Magnesium	8.28	0.68	12.24			
Potassium	15.81	0.40	7.27			
Sodium	44.10	1.92	34.47			
TOTAL		5.56	100			
Boron	0.12					
Iron	0.49					
Manganese	0.07					
Copper	0.07					
Zinc	0.02					
Aluminum	0.78					
Ammonium (NH ₄ -N)	0.7					
ESP (calculated)	0.95					
SAR (calculated)	1.51					

* Soluble Salts: mmhos/cm = ppm / 640