

lb/A

BROOKSIDE LABORATORIES, INC.

SOIL AUDIT AND INVENTORY REPORT

76278-12

Name Braemar Country Club City Tarzana State CAIndependent Consultant Soil and Water Consulting Date 3/26/2024

Sample Location				US	OPEN	TEE		FAIRWAY		GREEN
Sample Identification						2		2		RANGE
Lab Number						0193-1		0194-1		0195-1
Total Exchange Capacity (ME/100 g)						9.32		18.70		4.93
pH (H ₂ O 1:1)						a 7.8		6.9		a 8.0
Organic Matter (360°C LOI) %						0.85		6.01		0.69
Estimated Nitrogen Release						lb/A	34	105		28
ANIONS	SOLUBLE SULFUR*					ppm	104	119		6
	PHOSPHORUS	MEHLICH III		lb/A	P as P ₂ O ₅					
					ppm of P					
		BRAY II		lb/A	P as P ₂ O ₅					
					ppm of P					
		OLSEN		lb/A	P as P ₂ O ₅	32	298		< 9	
					ppm of P	7	65		< 2	
EXCHANGEABLE CATIONS	CALCIUM*					lb/A	2876	5248		1564
						ppm	1438	2624		782
	MAGNESIUM*					lb/A	356	820		162
						ppm	178	410		81
	POTASSIUM*					lb/A	106	474		78
						ppm	53	237		39
	SODIUM*					lb/A	82	200		34
						ppm	41	100		17
BASE SATURATION PERCENT										
Calcium						%	77.15		70.16	79.31
Magnesium						%	15.92		18.27	13.69
Potassium						%	1.46		3.25	2.03
Sodium						%	1.91		2.33	1.50
Other Bases						%	3.60		4.50	3.40
Hydrogen						%	0.00		1.50	0.00
EXTRACTABLE MINORS										
Boron** (ppm)						0.47		1.77		0.26
Iron** (ppm)						167		476		57
Manganese** (ppm)						39		19		12
Copper** (ppm)						1.57		2.11		0.25
Zinc** (ppm)						4.42		10.57		0.91
Aluminum** (ppm)						135		196		51
OTHER TESTS	Soluble Salts (mmhos/cm)									
	Chlorides (ppm)									
	NO3-N (ppm)					0.6		9.5		< 0.5
	NH4-N (ppm)					1.6		6.1		0.9

a - alkaline soil

* Ammonium Acetate Extractable (pH of 8.1)

** Mehlich III Extractable

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Sample Location			US	OPEN		GREEN			GREEN		
Sample Identification						2			8		
Lab Number						0196-1			0197-1		
Total Exchange Capacity (ME/100 g)						4.90			5.29		
pH (H ₂ O 1:1)					a	8.1			a	8.2	
Organic Matter (360°C LOI) %						0.69			0.74		
Estimated Nitrogen Release					lb/A	28			30		
ANIONS	SOLUBLE SULFUR*					ppm	18		17		
	PHOSPHORUS	MEHLICH III		lb/A	P as P ₂ O ₅						
					ppm of P						
		BRAY II		lb/A	P as P ₂ O ₅						
					ppm of P						
		OLSEN		lb/A	P as P ₂ O ₅	9			< 9		
					ppm of P	2			< 2		
EXCHANGEABLE CATIONS	CALCIUM*		lb/A		1586			1704			
			ppm		793			852			
	MAGNESIUM*		lb/A		140			150			
			ppm		70			75			
	POTASSIUM*		lb/A		72			128			
			ppm		36			64			
	SODIUM*		lb/A		44			32			
			ppm		22			16			
BASE SATURATION PERCENT											
Calcium					%	80.92			80.53		
Magnesium					%	11.90			11.81		
Potassium					%	1.88			3.10		
Sodium					%	1.95			1.32		
Other Bases					%	3.30			3.20		
Hydrogen					%	0.00			0.00		
EXTRACTABLE MINORS											
Boron** (ppm)						0.24			0.25		
Iron** (ppm)						49			66		
Manganese** (ppm)						11			19		
Copper** (ppm)						< 0.2			0.30		
Zinc** (ppm)						0.60			1.09		
Aluminum** (ppm)						51			48		
OTHER TESTS	Soluble Salts (mmhos/cm)										
	Chlorides (ppm)										
	NO3-N (ppm)						< 0.5			< 0.5	
	NH4-N (ppm)						1.3			1.3	

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** Mehlich III Extractable