

lb/A

BROOKSIDE LABORATORIES, INC.

SOIL AUDIT AND INVENTORY REPORT

58200-42

Name El Caballero CC City Tarzana State CAIndependent Consultant Soil and Water Consulting Date 9/25/2024

Sample Location	TEE	1	10			
Sample Identification						
Lab Number		0538-1	0539-1			
Total Exchange Capacity (ME/100 g)		6.58	5.58			
pH (H ₂ O 1:1)		a 7.7	a 7.5			
Organic Matter (360°C LOI) %		1.79	1.41			
Estimated Nitrogen Release lb/A		56	48			
ANIONS	SOLUBLE SULFUR*	ppm	43	30		
	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 ppm of P	87 19	37 8		
EXCHANGEABLE CATIONS	CALCIUM*	lb/A ppm	1960 980	1734 867		
	MAGNESIUM*	lb/A ppm	188 94	142 71		
	POTASSIUM*	lb/A ppm	308 154	194 97		
	SODIUM*	lb/A ppm	118 59	84 42		
BASE SATURATION PERCENT						
	Calcium	%	74.47	77.69		
	Magnesium	%	11.90	10.60		
	Potassium	%	6.00	4.46		
	Sodium	%	3.90	3.27		
	Other Bases	%	3.70	3.90		
	Hydrogen	%	0.00	0.00		
EXTRACTABLE MINORS						
	Boron** (ppm)		1.10	0.77		
	Iron** (ppm)		221	229		
	Manganese** (ppm)		43	27		
	Copper** (ppm)		2.81	1.03		
	Zinc** (ppm)		22.56	9.33		
	Aluminum** (ppm)		134	115		
OTHER TESTS	Soluble Salts (mmhos/cm)					
	Chlorides (ppm)					
	NO ₃ -N (ppm)		24.3	9.0		
	NH ₄ -N (ppm)		48.6	11.1		

a - alkaline soil

* Ammonium Acetate Extractable (pH of 8.1)

** Mehlich III Extractable

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Sample Location FAIRWAY			1	10			
Sample Identification							
Lab Number			0540-1	0541-1			
Total Exchange Capacity (ME/100 g)			20.40	16.92			
pH (H ₂ O 1:1)			7.2	^a 7.4			
Organic Matter (360°C LOI) %			6.14	4.39			
Estimated Nitrogen Release lb/A			106	94			
ANIONS	SOLUBLE SULFUR* ppm		106	80			
	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 ppm of P	69 15	215 47			
EXCHANGEABLE CATIONS	CALCIUM* lb/A ppm		6140 3070	5194 2597			
	MAGNESIUM* lb/A ppm		640 320	500 250			
	POTASSIUM* lb/A ppm		780 390	518 259			
	SODIUM* lb/A ppm		244 122	234 117			
	BASE SATURATION PERCENT						
	Calcium %		75.25	76.74			
	Magnesium %		13.07	12.31			
	Potassium %		4.90	3.92			
	Sodium %		2.60	3.01			
	Other Bases %		4.20	4.00			
	Hydrogen %		0.00	0.00			
EXTRACTABLE MINORS							
Boron** (ppm)			2.05	1.79			
Iron** (ppm)			274	400			
Manganese** (ppm)			26	30			
Copper** (ppm)			4.21	3.83			
Zinc** (ppm)			25.08	33.45			
Aluminum** (ppm)			142	159			
OTHER TESTS	Soluble Salts (mmhos/cm)						
	Chlorides (ppm)						
	NO ₃ -N (ppm)		46.8	32.7			
	NH ₄ -N (ppm)		10.9	7.0			

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Name El Caballero CC City Tarzana State CAIndependent Consultant Soil and Water Consulting Date 9/25/2024

Sample Location	GREEN	1	10			
Sample Identification						
Lab Number		0542-1	0543-1			
Total Exchange Capacity (ME/100 g)		5.15	4.87			
pH (H ₂ O 1:1)		a 8.0	a 8.2			
Organic Matter (360°C LOI) %		0.45	0.28			
Estimated Nitrogen Release lb/A		18	11			
ANIONS	SOLUBLE SULFUR*	ppm	11	12		
	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 ppm of P	37 8	14 3		
EXCHANGEABLE CATIONS	CALCIUM*	lb/A ppm	1638 819	1546 773		
	MAGNESIUM*	lb/A ppm	112 56	110 55		
	POTASSIUM*	lb/A ppm	190 95	178 89		
	SODIUM*	lb/A ppm	76 38	76 38		
	BASE SATURATION PERCENT					
	Calcium	%	79.51	79.36		
	Magnesium	%	9.06	9.41		
	Potassium	%	4.73	4.69		
	Sodium	%	3.21	3.39		
	Other Bases	%	3.40	3.20		
	Hydrogen	%	0.00	0.00		
EXTRACTABLE MINORS						
	Boron** (ppm)		0.70	0.59		
	Iron** (ppm)		46	37		
	Manganese** (ppm)		25	15		
	Copper** (ppm)		0.56	0.33		
	Zinc** (ppm)		1.74	1.29		
	Aluminum** (ppm)		42	42		
OTHER TESTS	Soluble Salts (mmhos/cm)					
	Chlorides (ppm)					
	NO3-N (ppm)		3.0	1.4		
	NH4-N (ppm)		1.6	2.5		

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