

lb/A

BROOKSIDE LABORATORIES, INC.

SOIL AUDIT AND INVENTORY REPORT

58200-41

Name El Caballero CC City Tarzana State CAIndependent Consultant Soil and Water Consulting Date 3/26/2024

Sample Location	TEE	4	14			
Sample Identification						
Lab Number		0198-1	0199-1			
Total Exchange Capacity (ME/100 g)		7.72	8.42			
pH (H ₂ O 1:1)		a 7.7	a 7.5			
Organic Matter (360°C LOI) %		1.49	2.38			
Estimated Nitrogen Release lb/A		50	68			
ANIONS	SOLUBLE SULFUR*	ppm	10	8		
	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					
EXCHANGEABLE CATIONS	OLSEN lb/A P as P ₂ O ₅ ppm of P	101	293			
		22	64			
	CALCIUM*	lb/A	2532	2746		
		ppm	1266	1373		
	MAGNESIUM*	lb/A	198	198		
		ppm	99	99		
	POTASSIUM*	lb/A	140	242		
		ppm	70	121		
	SODIUM*	lb/A	48	40		
		ppm	24	20		
BASE SATURATION PERCENT						
	Calcium %	81.99	81.53			
	Magnesium %	10.69	9.80			
	Potassium %	2.32	3.68			
	Sodium %	1.35	1.03			
	Other Bases %	3.70	3.90			
	Hydrogen %	0.00	0.00			
EXTRACTABLE MINORS						
	Boron** (ppm)	0.75	0.96			
	Iron** (ppm)	209	415			
	Manganese** (ppm)	24	32			
	Copper** (ppm)	1.67	3.29			
	Zinc** (ppm)	10.32	27.57			
	Aluminum** (ppm)	55	204			
OTHER TESTS	Soluble Salts (mmhos/cm)					
	Chlorides (ppm)					
	NO ₃ -N (ppm)	1.8	2.5			
	NH ₄ -N (ppm)	2.4	2.4			

a - alkaline soil

* Ammonium Acetate Extractable (pH of 8.1)

** Mehlich III Extractable

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Sample Location	FAIRWAY	4	14			
Sample Identification						
Lab Number		0200-1	0201-1			
Total Exchange Capacity (ME/100 g)		12.81	13.23			
pH (H ₂ O 1:1)		7.1	6.9			
Organic Matter (360°C LOI) %		4.68	6.50			
Estimated Nitrogen Release lb/A		97	108			
ANIONS	SOLUBLE SULFUR*	ppm	15	16		
	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	252 55	247 54		
EXCHANGEABLE CATIONS	CALCIUM*	lb/A ppm	4056 2028	3930 1965		
	MAGNESIUM*	lb/A ppm	354 177	396 198		
	POTASSIUM*	lb/A ppm	418 209	550 275		
	SODIUM*	lb/A ppm	52 26	116 58		
BASE SATURATION PERCENT						
	Calcium	%	79.16	74.26		
	Magnesium	%	11.51	12.47		
	Potassium	%	4.18	5.33		
	Sodium	%	0.88	1.91		
	Other Bases	%	4.30	4.50		
	Hydrogen	%	0.00	1.50		
EXTRACTABLE MINORS						
	Boron** (ppm)		1.41	1.21		
	Iron** (ppm)		398	417		
	Manganese** (ppm)		29	36		
	Copper** (ppm)		3.99	3.77		
	Zinc** (ppm)		32.63	30.19		
	Aluminum** (ppm)		196	204		
OTHER TESTS	Soluble Salts (mmhos/cm)					
	Chlorides (ppm)					
	NO3-N (ppm)		34.4	11.3		
	NH4-N (ppm)		12.9	8.8		

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Sample Location	GREEN	4	14			
Sample Identification						
Lab Number		0202-1	0203-1			
Total Exchange Capacity (ME/100 g)		4.62	4.12			
pH (H ₂ O 1:1)		a 8.0	a 7.9			
Organic Matter (360°C LOI) %		0.84	0.72			
Estimated Nitrogen Release lb/A		34	29			
ANIONS	SOLUBLE SULFUR*	ppm	6	5		
	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	41 9	< 9 < 2		
EXCHANGEABLE CATIONS	CALCIUM*	lb/A ppm	1566 783	1362 681		
	MAGNESIUM*	lb/A ppm	94 47	100 50		
	POTASSIUM*	lb/A ppm	62 31	66 33		
	SODIUM*	lb/A ppm	34 17	32 16		
BASE SATURATION PERCENT						
	Calcium	%	84.74	82.65		
	Magnesium	%	8.48	10.11		
	Potassium	%	1.72	2.05		
	Sodium	%	1.60	1.69		
	Other Bases	%	3.40	3.50		
	Hydrogen	%	0.00	0.00		
EXTRACTABLE MINORS						
	Boron** (ppm)		0.31	0.25		
	Iron** (ppm)		54	47		
	Manganese** (ppm)		16	14		
	Copper** (ppm)		0.48	0.60		
	Zinc** (ppm)		1.22	1.03		
	Aluminum** (ppm)		52	51		
OTHER TESTS	Soluble Salts (mmhos/cm)					
	Chlorides (ppm)					
	NO ₃ -N (ppm)		< 0.5	0.9		
	NH ₄ -N (ppm)		0.8	1.5		

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Sample Location	GREEN	17				
Sample Identification						
Lab Number		0418-1				
Total Exchange Capacity (ME/100 g)		4.05				
pH (H ₂ O 1:1)		a 8.0				
Organic Matter (360°C LOI) %		0.79				
Estimated Nitrogen Release lb/A		32				
ANIONS	SOLUBLE SULFUR*	ppm	5			
	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	18 4			
EXCHANGEABLE CATIONS	CALCIUM*	lb/A ppm	1370 685			
	MAGNESIUM*	lb/A ppm	86 43			
	POTASSIUM*	lb/A ppm	60 30			
	SODIUM*	lb/A ppm	26 13			
BASE SATURATION PERCENT						
	Calcium	%	84.57			
	Magnesium	%	8.85			
	Potassium	%	1.90			
	Sodium	%	1.40			
	Other Bases	%	3.40			
	Hydrogen	%	0.00			
EXTRACTABLE MINORS						
	Boron** (ppm)		0.27			
	Iron** (ppm)		45			
	Manganese** (ppm)		16			
	Copper** (ppm)		0.32			
	Zinc** (ppm)		0.89			
	Aluminum** (ppm)		40			
OTHER TESTS	Soluble Salts (mmhos/cm)					
	Chlorides (ppm)					
	NO ₃ -N (ppm)		0.7			
	NH ₄ -N (ppm)		1.2			

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