

lb/A

BROOKSIDE LABORATORIES, INC.

SOIL AUDIT AND INVENTORY REPORT

58200-39

 Name El Caballero CC City Tarzana State CA

 Independent Consultant Soil and Water Consulting Date 10/25/2023

Sample Location	TEE	9	13			
Sample Identification						
Lab Number		0350-1	0351-1			
Total Exchange Capacity (ME/100 g)		7.00	10.52			
pH (H ₂ O 1:1)		7.1	^a 7.6			
Organic Matter (360°C LOI) %		1.60	3.12			
Estimated Nitrogen Release lb/A		52	81			
ANIONS	SOLUBLE SULFUR*	ppm	36	17		
	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	96 21	87 19		
EXCHANGEABLE CATIONS	CALCIUM*	lb/A ppm	2068 1034	3388 1694		
	MAGNESIUM*	lb/A ppm	240 120	264 132		
	POTASSIUM*	lb/A ppm	248 124	236 118		
	SODIUM*	lb/A ppm	98 49	116 58		
BASE SATURATION PERCENT						
	Calcium	%	73.86	80.51		
	Magnesium	%	14.29	10.46		
	Potassium	%	4.54	2.88		
	Sodium	%	3.04	2.40		
	Other Bases	%	4.30	3.80		
	Hydrogen	%	0.00	0.00		
EXTRACTABLE MINORS						
	Boron** (ppm)		0.72	0.97		
	Iron** (ppm)		194	521		
	Manganese** (ppm)		32	22		
	Copper** (ppm)		2.16	2.90		
	Zinc** (ppm)		16.45	17.81		
	Aluminum** (ppm)		136	160		
OTHER TESTS	Soluble Salts (mmhos/cm)					
	Chlorides (ppm)					
	NO ₃ -N (ppm)		8.2	9.2		
	NH ₄ -N (ppm)		5.0	0.8		

a - alkaline soil

* Ammonium Acetate Extractable (pH of 8.1)

** Mehlich III Extractable

lb/A

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Sample Location			FAIRWAY	9	13			
Sample Identification								
Lab Number				0352-1	0353-1			
Total Exchange Capacity (ME/100 g)				18.88	18.46			
pH (H ₂ O 1:1)				7.3	a 7.4			
Organic Matter (360°C LOI) %				5.83	5.95			
Estimated Nitrogen Release lb/A				104	105			
ANIONS	SOLUBLE SULFUR* ppm			31	28			
	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	73 16	60 13				
EXCHANGEABLE CATIONS	CALCIUM*		lb/A	5892	5794			
			ppm	2946	2897			
	MAGNESIUM*		lb/A	510	490			
			ppm	255	245			
	POTASSIUM*		lb/A	676	636			
			ppm	338	318			
	SODIUM*		lb/A	176	174			
			ppm	88	87			
BASE SATURATION PERCENT								
Calcium %				78.02	78.47			
Magnesium %				11.26	11.06			
Potassium %				4.59	4.42			
Sodium %				2.03	2.05			
Other Bases %				4.10	4.00			
Hydrogen %				0.00	0.00			
EXTRACTABLE MINORS								
Boron** (ppm)				1.50	1.54			
Iron** (ppm)				199	269			
Manganese** (ppm)				26	24			
Copper** (ppm)				4.01	3.22			
Zinc** (ppm)				19.31	25.50			
Aluminum** (ppm)				103	55			
OTHER TESTS	Soluble Salts (mmhos/cm)							
	Chlorides (ppm)							
	NO3-N (ppm)			46.6	40.7			
	NH4-N (ppm)			5.8	1.4			

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 Independent Consultant Soil and Water Consulting Date 10/25/2023

Sample Location	GREEN	9	13			
Sample Identification						
Lab Number		0354-1	0355-1			
Total Exchange Capacity (ME/100 g)		5.75	4.11			
pH (H ₂ O 1:1)		a 8.0	a 8.0			
Organic Matter (360°C LOI) %		0.66	0.75			
Estimated Nitrogen Release lb/A		26	30			
ANIONS	SOLUBLE SULFUR*	ppm	6	6		
	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	5 1		
EXCHANGEABLE CATIONS	CALCIUM*	lb/A ppm	1952 976	1292 646		
	MAGNESIUM*	lb/A ppm	100 50	104 52		
	POTASSIUM*	lb/A ppm	94 47	134 67		
	SODIUM*	lb/A ppm	64 32	62 31		
BASE SATURATION PERCENT						
	Calcium	%	84.87	78.59		
	Magnesium	%	7.25	10.54		
	Potassium	%	2.10	4.18		
	Sodium	%	2.42	3.28		
	Other Bases	%	3.40	3.40		
	Hydrogen	%	0.00	0.00		
EXTRACTABLE MINORS						
	Boron** (ppm)		0.42	0.23		
	Iron** (ppm)		54	47		
	Manganese** (ppm)		13	7		
	Copper** (ppm)		0.66	0.44		
	Zinc** (ppm)		1.21	0.86		
	Aluminum** (ppm)		56	54		
OTHER TESTS	Soluble Salts (mmhos/cm)					
	Chlorides (ppm)					
	NO ₃ -N (ppm)		1.3	1.4		
	NH ₄ -N (ppm)		< 0.5	0.7		

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