

lb/A

BROOKSIDE LABORATORIES, INC. 58200-44

SOIL AUDIT AND INVENTORY REPORT

Name El Caballero CC City Tarzana State CA
 Independent Consultant Soil and Water Consulting Date 10/01/2025

Sample Location EL CABALLERO		FAIRWAY	FAIRWAY			
Sample Identification		7	16			
Lab Number		0307-1	0308-1			
Total Exchange Capacity (ME / 100 g)		16.84	15.39			
pH (H ₂ O 1:1)		6.8	7.1			
Organic Matter (360°C LOI) %		6.80	5.77			
Estimated Nitrogen Release lb / A		109	104			
ANIONS	SOLUBLE SULFUR* ppm	101	76			
	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	229 50	192 42			
EXCHANGABLE CATIONS	CALCIUM* lb / A ppm	4866 2433	4490 2245			
	MAGNESIUM* lb / A ppm	438 219	530 265			
	POTASSIUM* lb / A ppm	790 395	454 227			
	SODIUM* lb / A ppm	256 128	328 164			
BASE SATURATION PERCENT						
Calcium %		72.24	72.94			
Magnesium %		10.84	14.35			
Potassium %		6.01	3.78			
Sodium %		3.30	4.63			
Other Bases %		4.60	4.30			
Hydrogen %		3.00	0.00			
EXTRACTABLE MINORS						
Boron** (ppm)		1.80	1.95			
Iron** (ppm)		331	370			
Manganese** (ppm)		21	32			
Copper** (ppm)		2.50	2.81			
Zinc** (ppm)		19.32	20.09			
Aluminum** (ppm)		126	153			
OTHER TESTS	Soluble Salts (mmhos / cm)					
	Chlorides (ppm)	93.68	76.92			
	NO ₃ -N (ppm)	25.0	11.2			
	NH ₄ -N (ppm)	6.8	6.7			

* Ammonium Acetate Extractable (pH of 8.1)

** Mehlich III Extractable

lb/A

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Sample Location EL CABALLERO		GREEN	GREEN			
Sample Identification		7	16			
Lab Number		0309-1	0310-1			
Total Exchange Capacity (ME / 100 g)		4.95	4.91			
pH (H ₂ O 1:1)		8.1	8.0			
Organic Matter (360°C LOI) %		0.82	0.58			
Estimated Nitrogen Release lb / A		33	23			
ANIONS	SOLUBLE SULFUR* ppm	22	19			
	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	87 19	37 8			
EXCHANGABLE CATIONS	CALCIUM* lb/A ppm	1466 733	1484 742			
	MAGNESIUM* lb/A ppm	154 77	150 75			
	POTASSIUM* lb/A ppm	212 106	166 83			
	SODIUM* lb/A ppm	96 48	88 44			
BASE SATURATION PERCENT						
Calcium %		74.04	75.56			
Magnesium %		12.96	12.73			
Potassium %		5.49	4.33			
Sodium %		4.22	3.90			
Other Bases %		3.30	3.40			
Hydrogen %		0.00	0.00			
EXTRACTABLE MINORS						
Boron** (ppm)		0.67	0.63			
Iron** (ppm)		55	46			
Manganese** (ppm)		39	34			
Copper** (ppm)		0.75	0.74			
Zinc** (ppm)		2.97	1.90			
Aluminum** (ppm)		39	40			
OTHER TESTS	Soluble Salts (mmhos/cm)					
	Chlorides (ppm)	18.41	17.20			
	NO ₃ -N (ppm)	1.9	1.5			
	NH ₄ -N (ppm)	< 0.5	0.8			

a - alkaline soil

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Sample Location EL CABALLERO		TEE	TEE			
Sample Identification		7	16			
Lab Number		0311-1	0312-1			
Total Exchange Capacity (ME / 100 g)		11.16	9.53			
pH (H ₂ O 1:1)		7.9	7.4			
Organic Matter (360°C LOI) %		1.73	3.86			
Estimated Nitrogen Release lb / A		55	89			
ANIONS	SOLUBLE SULFUR* ppm	86	73			
	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	105 23	124 27			
EXCHANGABLE CATIONS	CALCIUM* lb/A ppm	3612 1806	2894 1447			
	MAGNESIUM* lb/A ppm	190 95	244 122			
	POTASSIUM* lb/A ppm	386 193	374 187			
	SODIUM* lb/A ppm	210 105	194 97			
BASE SATURATION PERCENT						
Calcium %		80.91	75.92			
Magnesium %		7.09	10.67			
Potassium %		4.43	5.03			
Sodium %		4.09	4.43			
Other Bases %		3.50	4.00			
Hydrogen %		0.00	0.00			
EXTRACTABLE MINORS						
Boron** (ppm)		1.00	0.98			
Iron** (ppm)		115	272			
Manganese** (ppm)		25	27			
Copper** (ppm)		1.25	2.23			
Zinc** (ppm)		11.12	17.92			
Aluminum** (ppm)		22	134			
OTHER TESTS	Soluble Salts (mmhos/cm)					
	Chlorides (ppm)	44.19	59.30			
	NO ₃ -N (ppm)	8.1	9.8			
	NH ₄ -N (ppm)	2.2	3.3			

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