

lb/A

BROOKSIDE LABORATORIES, INC.

SOIL AUDIT AND INVENTORY REPORT

76278-13

Name Braemar Country Club City Tarzana State CAIndependent Consultant Soil and Water Consulting Date 9/25/2024

Sample Location	US OPEN	TEE	TEE			
Sample Identification		4	9			
Lab Number		0480-1	0481-1			
Total Exchange Capacity (ME/100 g)		6.06	13.32			
pH (H ₂ O 1:1)		a 7.7	7.3			
Organic Matter (360°C LOI) %		1.01	2.20			
Estimated Nitrogen Release lb/A		40	64			
ANIONS	SOLUBLE SULFUR*	ppm	26	283		
	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	55 12	142 31			
EXCHANGEABLE CATIONS	CALCIUM*	lb/A ppm	1852 926	3886 1943		
	MAGNESIUM*	lb/A ppm	174 87	544 272		
	POTASSIUM*	lb/A ppm	226 113	254 127		
	SODIUM*	lb/A ppm	86 43	216 108		
BASE SATURATION PERCENT						
	Calcium %		76.40	72.94		
	Magnesium %		11.96	17.02		
	Potassium %		4.78	2.44		
	Sodium %		3.09	3.53		
	Other Bases %		3.70	4.10		
	Hydrogen %		0.00	0.00		
EXTRACTABLE MINORS						
	Boron** (ppm)		0.77	0.99		
	Iron** (ppm)		127	319		
	Manganese** (ppm)		23	34		
	Copper** (ppm)		0.43	2.55		
	Zinc** (ppm)		2.75	9.84		
	Aluminum** (ppm)		135	330		
OTHER TESTS	Soluble Salts (mmhos/cm)					
	Chlorides (ppm)					
	NO3-N (ppm)		10.6	3.9		
	NH4-N (ppm)		3.6	3.5		

a - alkaline soil

* Ammonium Acetate Extractable (pH of 8.1)

** Mehlich III Extractable

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Sample Location <u>US OPEN</u>			FAIRWAY	FAIRWAY			
Sample Identification			4	9			
Lab Number			0482-1	0483-1			
Total Exchange Capacity (ME/100 g)			26.34	22.00			
pH (H ₂ O 1:1)			6.9	^a 7.5			
Organic Matter (360°C LOI) %			7.21	3.56			
Estimated Nitrogen Release lb/A			111	86			
ANIONS	SOLUBLE SULFUR* ppm		838	383			
	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		156 34	169 37			
EXCHANGEABLE CATIONS	CALCIUM* lb/A ppm		6612 3306	6292 3146			
	MAGNESIUM* lb/A ppm		1370 685	976 488			
	POTASSIUM* lb/A ppm		800 400	382 191			
	SODIUM* lb/A ppm		688 344	394 197			
	BASE SATURATION PERCENT						
	Calcium %		62.76	71.50			
	Magnesium %		21.67	18.48			
	Potassium %		3.89	2.23			
	Sodium %		5.68	3.89			
	Other Bases %		4.50	3.90			
	Hydrogen %		1.50	0.00			
EXTRACTABLE MINORS							
Boron** (ppm)			2.93	1.53			
Iron** (ppm)			423	331			
Manganese** (ppm)			48	49			
Copper** (ppm)			4.50	5.22			
Zinc** (ppm)			15.23	11.96			
Aluminum** (ppm)			221	340			
OTHER TESTS	Soluble Salts (mmhos/cm)						
	Chlorides (ppm)						
	NO ₃ -N (ppm)		22.4	20.1			
	NH ₄ -N (ppm)		6.4	61.6			

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Sample Location <u>US OPEN</u>			GREEN	GREEN			
Sample Identification			4	9			
Lab Number			0484-1	0485-1			
Total Exchange Capacity (ME/100 g)			6.31	4.43			
pH (H ₂ O 1:1)			a 8.2	a 8.8			
Organic Matter (360°C LOI) %			0.75	0.51			
Estimated Nitrogen Release lb/A			30	20			
ANIONS	SOLUBLE SULFUR* ppm		35	11			
	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	64 14	41 9			
EXCHANGEABLE CATIONS	CALCIUM*		1856 928	1340 670			
	MAGNESIUM*		226 113	144 72			
	POTASSIUM*		242 121	186 93			
	SODIUM*		100 50	58 29			
	BASE SATURATION PERCENT						
	Calcium	%	73.53	75.62			
	Magnesium	%	14.92	13.54			
	Potassium	%	4.92	5.38			
	Sodium	%	3.45	2.85			
	Other Bases	%	3.20	2.60			
	Hydrogen	%	0.00	0.00			
EXTRACTABLE MINORS							
Boron** (ppm)			0.86	0.70			
Iron** (ppm)			149	64			
Manganese** (ppm)			26	20			
Copper** (ppm)			2.67	0.60			
Zinc** (ppm)			7.41	1.86			
Aluminum** (ppm)			133	67			
OTHER TESTS	Soluble Salts (mmhos/cm)						
	Chlorides (ppm)						
	NO3-N (ppm)		1.8	4.7			
	NH4-N (ppm)		1.9	68.8			

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