

BROOKSIDE LABORATORIES, INC.

SOIL AUDIT AND INVENTORY REPORT

Name Braemar Country Club City Tarzana State CA

Independent Consultant Soil and Water Consulting Date 6/27/2017

Sample Location		US OPEN	TEE				
Sample Identification			4				
Lab Number			0309-1				
Total Exchange Capacity (ME/100 g)			7.56				
pH (H ₂ O 1:1)			a 7.6				
Organic Matter (360°C LOI) %			2.49				
Estimated Nitrogen Release lb/A			70				
ANIONS	SOLUBLE SULFUR* ppm		43				
	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	124 27				
EXCHANGEABLE CATIONS	CALCIUM*	lb/A	2230				
		ppm	1115				
	MAGNESIUM*	lb/A	284				
		ppm	142				
	POTASSIUM*	lb/A	142				
	ppm	71					
	SODIUM*	lb/A	152				
	ppm	76					
BASE SATURATION PERCENT							
	Calcium	%	73.74				
	Magnesium	%	15.65				
	Potassium	%	2.41				
	Sodium	%	4.37				
	Other Bases	%	3.80				
	Hydrogen	%	0.00				
EXTRACTABLE MINORS							
	Boron M3 (ppm)						
	Iron** (ppm)		32				
	Manganese** (ppm)		< 1				
	Copper** (ppm)		0.74				
	Zinc** (ppm)		7.67				
	Aluminum (ppm)						
OTHER TESTS	Soluble Salts (mmhos/cm)						
	Chlorides (ppm)						

a - alkaline soil

* Ammonium Acetate Extractable (pH of 8.1)

** DTPA Extractable

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Sample Location		US OPEN	FAIRWAY				
Sample Identification			4				
Lab Number			0310-1				
Total Exchange Capacity (ME/100 g)			43.92				
pH (H ₂ O 1:1)			7.3				
Organic Matter (360°C LOI) %			11.47				
Estimated Nitrogen Release lb/A			126				
ANIONS	SOLUBLE SULFUR* ppm		2963				
	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	344 75				
EXCHANGEABLE CATIONS	CALCIUM*	lb/A	11784				
		ppm	5892				
	MAGNESIUM*	lb/A	2336				
		ppm	1168				
	POTASSIUM*	lb/A	766				
	ppm	383					
	SODIUM*	lb/A	894				
	ppm	447					
BASE SATURATION PERCENT							
	Calcium	%	67.08				
	Magnesium	%	22.16				
	Potassium	%	2.24				
	Sodium	%	4.43				
	Other Bases	%	4.10				
	Hydrogen	%	0.00				
EXTRACTABLE MINORS							
	Boron M3 (ppm)						
	Iron** (ppm)		58				
	Manganese** (ppm)		2				
	Copper** (ppm)		2.02				
	Zinc** (ppm)		10.52				
	Aluminum (ppm)						
OTHER TESTS	Soluble Salts (mmhos/cm)						
	Chlorides (ppm)						

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** DTPA Extractable

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Sample Location <u>US OPEN</u>		GREEN				
Sample Identification		4				
Lab Number		0311-1				
Total Exchange Capacity (ME/100 g)		5.61				
pH (H ₂ O 1:1)		7.3				
Organic Matter (360°C LOI) %		1.21				
Estimated Nitrogen Release lb/A		44				
ANIONS	SOLUBLE SULFUR* ppm		89			
	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	37 8			
EXCHANGEABLE CATIONS	CALCIUM* lb/A ppm	1658 829				
	MAGNESIUM* lb/A ppm	192 96				
	POTASSIUM* lb/A ppm	86 43				
	SODIUM* lb/A ppm	148 74				
	BASE SATURATION PERCENT					
	Calcium %	73.89				
	Magnesium %	14.26				
	Potassium %	1.97				
	Sodium %	5.74				
	Other Bases %	4.10				
	Hydrogen %	0.00				
EXTRACTABLE MINORS						
	Boron M3 (ppm)					
	Iron** (ppm)	12				
	Manganese** (ppm)	2				
	Copper** (ppm)	1.01				
	Zinc** (ppm)	6.00				
	Aluminum (ppm)					
OTHER TESTS	Soluble Salts (mmhos/cm)					
	Chlorides (ppm)					

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** DTPA Extractable