lb/A

BROOKSIDE LABORATORIES, INC.

76278-5

SOIL AUDIT AND INVENTORY REPORT

Name Braemar Country Club City Tarzana State CA

Independent Consultant Soil and Water Consulting Date 7/27/2020

Sample Location			MASTERS	US OPEN	WESTERN		
Sample Identification			TEE 7	TEE 7	TEE 7		
Lab Number			0016-1	0017-1	0018-1		
Total Exchange Capacity (ME/100 g)			10.08	12.16	17.50		
pH (H_2O 1:1)			7.3	7.2	6.9		
Organic Matter (360°C LOI) %			3.70	5.13	7.54		
Estimated Nitrogen Release		lb/A	87	101	113		
ANIONS	SOLUBLE SULFUR*	ppm	54	26	57		
ANIONS	PHOSPHORUS – MEHLICH III	lb/A P as P_2O_5					
		ppm of P					
ANIONS	PHOSPHORUS – BRAY II	lb/A P as P_2O_5					
		ppm of P					
ANIONS	PHOSPHORUS – OLSEN	lb/A P as P_2O_5	82	229	362		
		ppm of P	18	50	79		
EXCHANGEABLE CATIONS	CALCIUM*	lb/A	3038	3620	4236		
		ppm	1519	1810	2118		
EXCHANGEABLE CATIONS	MAGNESIUM*	lb/A	356	460	1130		
		ppm	178	230	565		
EXCHANGEABLE CATIONS	POTASSIUM*	lb/A	202	298	534		
		ppm	101	149	267		
EXCHANGEABLE CATIONS	SODIUM*	lb/A	150	138	216		
		ppm	75	69	108		
BASE SATURATION PERCENT							
Calcium		%	75.35	74.42	60.51		
Magnesium		%	14.72	15.76	26.90		
Potassium		%	2.57	3.14	3.91		
Sodium		%	3.23	2.47	2.68		
Other Bases		%	4.10	4.20	4.50		
Hydrogen		%	0.00	0.00	1.50		
EXTRACTABLE MINORS							
Boron** (ppm)			1.06	1.13	1.11		
Iron** (ppm)			183	419	512		
Manganese** (ppm)			17	11	7		
Copper** (ppm)			0.89	3.69	5.20		
Zinc** (ppm)			8.93	28.19	33.88		
Aluminum** (ppm)			90	274	339		
OTHER TESTS	Soluble Salts (mmhos/cm)						
OTHER TESTS	Chlorides (ppm)						
OTHER TESTS	NO3-N (ppm)		20.6	11.9	6.3		
OTHER TESTS	NH4-N (ppm)		5.3	1.8	2.6		

* Ammonium Acetate Extractable (pH of 8.1)

** Mehlich III Extractable

lb/A

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SOIL AUDIT AND INVENTORY REPORT

Name Braemar Country Club City Tarzana State CA

Independent Consultant Soil and Water Consulting Date 7/27/2020

Sample Location			MASTERS	US OPEN			
Sample Identification			FWY 7	FWY 7			
Lab Number			0019-1	0020-1			
Total Exchange Capacity (ME/100 g)			20.22	17.37			
pH (H_2O 1:1)			7.3	7.0			
Organic Matter (360°C LOI) %			9.73	11.17			
Estimated Nitrogen Release		lb/A	124	126			
ANIONS	SOLUBLE SULFUR*	ppm	63	82			
ANIONS / PHOSPHORUS	MEHLICH III	lb/A P as P_2O_5					
		ppm of P					
	BRAY II	lb/A P as P_2O_5					
		ppm of P					
	OLSEN	lb/A P as P_2O_5	110	115			
		ppm of P	24	25			
EXCHANGEABLE CATIONS	CALCIUM*	lb/A	5674	4710			
		ppm	2837	2355			
	MAGNESIUM*	lb/A	908	878			
		ppm	454	439			
	POTASSIUM*	lb/A	768	484			
		ppm	384	242			
	SODIUM*	lb/A	202	256			
		ppm	101	128			
BASE SATURATION PERCENT							
	Calcium	%	70.15	67.79			
	Magnesium	%	18.71	21.06			
	Potassium	%	4.87	3.57			
	Sodium	%	2.17	3.20			
	Other Bases	%	4.10	4.40			
	Hydrogen	%	0.00	0.00			
EXTRACTABLE MINORS							
	Boron** (ppm)		1.53	1.29			
	Iron** (ppm)		221	281			
	Manganese** (ppm)		23	14			
	Copper** (ppm)		1.34	1.85			
	Zinc** (ppm)		10.01	10.97			
	Aluminum** (ppm)		67	121			
OTHER TESTS	Soluble Salts (mmhos/cm)						
	Chlorides (ppm)						
	NO3-N (ppm)		13.2	8.0			
	NH4-N (ppm)		1.6	3.6			

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** Mehlich III Extractable

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Name Braemar Country Club City Tarzana State CA

Independent Consultant Soil and Water Consulting Date 7/27/2020

Sample Location	US OPEN				US OPEN		
Sample Identification					FWY 4 BA		
Lab Number					0025-1		
Total Exchange Capacity (ME/100 g)					34.71		
pH (H_2O 1:1)					a 8.0		
Organic Matter (360°C LOI) %					6.67		
Estimated Nitrogen Release	lb/A				108		
ANIONS	SOLUBLE SULFUR*	ppm			1893		
ANIONS / PHOSPHORUS	MEHLICH III	lb/A P as P_2O_5					
		ppm of P					
	BRAY II	lb/A P as P_2O_5					
		ppm of P					
	OLSEN	lb/A P as P_2O_5			311		
		ppm of P			68		
EXCHANGEABLE CATIONS	CALCIUM*	lb/A			7288		
		ppm			3644		
	MAGNESIUM*	lb/A			2562		
		ppm			1281		
	POTASSIUM*	lb/A			690		
		ppm			345		
	SODIUM*	lb/A			1724		
		ppm			862		
BASE SATURATION PERCENT							
	Calcium	%			52.49		
	Magnesium	%			30.75		
	Potassium	%			2.55		
	Sodium	%			10.80		
	Other Bases	%			3.40		
	Hydrogen	%			0.00		
EXTRACTABLE MINORS							
	Boron** (ppm)				4.26		
	Iron** (ppm)				515		
	Manganese** (ppm)				45		
	Copper** (ppm)				3.28		
	Zinc** (ppm)				14.73		
	Aluminum** (ppm)				80		
OTHER TESTS	Soluble Salts (mmhos/cm)						
	Chlorides (ppm)						
	NO3-N (ppm)				4.9		
	NH4-N (ppm)				2.5		

a - alkaline soil

* Ammonium Acetate Extractable (pH of 8.1)

** Mehlich III Extractable

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SOIL AUDIT AND INVENTORY REPORT

Name Braemar Country Club City Tarzana State CA

Independent Consultant Soil and Water Consulting Date 7/27/2020

Sample Location	WESTERN				WESTERN	
Sample Identification					FWY 7	
Lab Number					0021-1	
Total Exchange Capacity (ME/100 g)					18.21	
pH (H_2O 1:1)					6.3	
Organic Matter (360°C LOI) %					5.93	
Estimated Nitrogen Release	lb/A				105	
ANIONS	SOLUBLE SULFUR* ppm				40	
ANIONS / PHOSPHORUS	MEHLICH III lb/A P as P_2O_5					
	ppm of P					
	BRAY II lb/A P as P_2O_5					
	ppm of P					
	OLSEN lb/A P as P_2O_5				215	
	ppm of P				47	
EXCHANGEABLE CATIONS	CALCIUM* lb/A				3650	
	ppm				1825	
	MAGNESIUM* lb/A				1046	
	ppm				523	
	POTASSIUM* lb/A				1088	
	ppm				544	
	SODIUM* lb/A				224	
	ppm				112	
BASE SATURATION PERCENT						
Calcium %					50.11	
Magnesium %					23.93	
Potassium %					7.66	
Sodium %					2.67	
Other Bases %					5.10	
Hydrogen %					10.50	
EXTRACTABLE MINORS						
Boron** (ppm)					0.98	
Iron** (ppm)					378	
Manganese** (ppm)					14	
Copper** (ppm)					1.67	
Zinc** (ppm)					13.64	
Aluminum** (ppm)					132	
OTHER TESTS	Soluble Salts (mmhos/cm)					
	Chlorides (ppm)					
	NO3-N (ppm)				10.8	
	NH4-N (ppm)				2.7	

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Name Braemar Country Club City Tarzana State CA

Independent Consultant Soil and Water Consulting Date 7/27/2020

Sample Location			MASTERS	US OPEN			
Sample Identification			GRN 7	GRN 7			
Lab Number			0022-1	0023-1			
Total Exchange Capacity (ME/100 g)			6.63	5.63			
pH (H_2O 1:1)			7.2	a 7.9			
Organic Matter (360°C LOI) %			1.28	0.92			
Estimated Nitrogen Release		lb/A	46	37			
ANIONS	SOLUBLE SULFUR*	ppm	70	31			
ANIONS / PHOSPHORUS	MEHLICH III	lb/A P as P_2O_5					
		ppm of P					
	BRAY II	lb/A P as P_2O_5					
		ppm of P					
	OLSEN	lb/A P as P_2O_5	18	14			
		ppm of P	4	3			
EXCHANGEABLE CATIONS	CALCIUM*	lb/A	1984	1670			
		ppm	992	835			
	MAGNESIUM*	lb/A	212	208			
		ppm	106	104			
	POTASSIUM*	lb/A	134	98			
		ppm	67	49			
	SODIUM*	lb/A	156	124			
		ppm	78	62			
BASE SATURATION PERCENT							
	Calcium	%	74.81	74.16			
	Magnesium	%	13.32	15.39			
	Potassium	%	2.59	2.23			
	Sodium	%	5.12	4.79			
	Other Bases	%	4.20	3.50			
	Hydrogen	%	0.00	0.00			
EXTRACTABLE MINORS							
	Boron** (ppm)		0.88	0.69			
	Iron** (ppm)		124	82			
	Manganese** (ppm)		43	37			
	Copper** (ppm)		2.33	0.70			
	Zinc** (ppm)		8.88	3.57			
	Aluminum** (ppm)		50	57			
OTHER TESTS	Soluble Salts (mmhos/cm)						
	Chlorides (ppm)						
	NO3-N (ppm)		2.3	1.2			
	NH4-N (ppm)		< 0.5	6.5			

a - alkaline soil

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Independent Consultant Soil and Water Consulting Date 7/27/2020

Sample Location		WESTERN			WESTERN		
Sample Identification					GRN 7		
Lab Number					0024-1		
Total Exchange Capacity (ME/100 g)					4.72		
pH (H_2O 1:1)					a 7.7		
Organic Matter (360°C LOI) %					0.77		
Estimated Nitrogen Release		lb/A			31		
ANIONS	SOLUBLE SULFUR*	ppm			31		
ANIONS / PHOSPHORUS	MEHLICH III	lb/A P as P_2O_5					
		ppm of P					
	BRAY II	lb/A P as P_2O_5					
		ppm of P					
	OLSEN	lb/A P as P_2O_5			14		
		ppm of P			3		
EXCHANGEABLE CATIONS	CALCIUM*	lb/A			1220		
		ppm			610		
	MAGNESIUM*	lb/A			262		
		ppm			131		
	POTASSIUM*	lb/A			126		
		ppm			63		
	SODIUM*	lb/A			112		
		ppm			56		
BASE SATURATION PERCENT							
	Calcium	%			64.62		
	Magnesium	%			23.13		
	Potassium	%			3.42		
	Sodium	%			5.16		
	Other Bases	%			3.70		
	Hydrogen	%			0.00		
EXTRACTABLE MINORS							
	Boron** (ppm)				0.63		
	Iron** (ppm)				81		
	Manganese** (ppm)				33		
	Copper** (ppm)				1.02		
	Zinc** (ppm)				3.99		
	Aluminum** (ppm)				67		
OTHER TESTS	Soluble Salts (mmhos/cm)						
	Chlorides (ppm)						
	NO3-N (ppm)				3.5		
	NH4-N (ppm)				20.5		

a - alkaline soil

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** Mehlich III Extractable