

80417-4

Independent Consultant Soil and Water Consulting Date 3/4/2020

* Ammonium Acetate Extractable (pH of 8.1)
** Mehlich III Extractable

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BROOKSIDE LABORATORIES, INC.

SOIL AUDIT AND INVENTORY REPORT

Name Los Robles Greens Golf Course City _____ State _____

Independent Consultant Soil and Water Consulting Date 3/4/2020

Sample Location <u>GREEN</u>		1	10	16		
Sample Identification						
Lab Number		0102-1	0103-1	0104-1		
Total Exchange Capacity (ME/100 g)		5.91	4.95	5.74		
pH (H ₂ O 1:1)		^a 7.4	7.2	^a 7.4		
Organic Matter (360°C LOI) %		1.44	1.21	0.99		
Estimated Nitrogen Release lb/A		49	44	40		
ANIONS	SOLUBLE SULFUR* ppm	13	13	18		
	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	64 14	46 10	55 12		
EXCHANGEABLE CATIONS	CALCIUM* lb/A	1710	1400	1694		
	ppm	855	700	847		
	MAGNESIUM* lb/A	252	220	232		
	ppm	126	110	116		
	POTASSIUM* lb/A	98	110	88		
	ppm	49	55	44		
	SODIUM* lb/A	102	84	92		
	ppm	51	42	46		
BASE SATURATION PERCENT						
Calcium %		72.34	70.71	73.78		
Magnesium %		17.77	18.52	16.84		
Potassium %		2.13	2.85	1.97		
Sodium %		3.75	3.69	3.48		
Other Bases %		4.00	4.20	4.00		
Hydrogen %		0.00	0.00	0.00		
EXTRACTABLE MINORS						
Boron** (ppm)		0.71	0.63	0.84		
Iron** (ppm)		119	121	171		
Manganese** (ppm)		55	52	54		
Copper** (ppm)		0.68	0.66	0.86		
Zinc** (ppm)		10.89	12.31	11.27		
Aluminum** (ppm)		76	85	103		
OTHER TESTS	Soluble Salts (mmhos/cm)					
	Chlorides (ppm)					
	NO ₃ -N (ppm)	1.9	1.1	1.4		
	NH ₄ -N (ppm)	< 0.5	< 0.5	< 0.5		

a - alkaline soil

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