

BROOKSIDE LABORATORIES, INC.

SOIL AUDIT AND INVENTORY REPORT

Name Revere Golf Club City Henderson State NV

Independent Consultant Soil and Water Consulting Date 9/27/2017

Sample Location		LEXINGTON COURSE	TEE		FAIRWAY		GREEN
Sample Identification			3		3		3
Lab Number			0307-1		0308-1		0309-1
Total Exchange Capacity (ME/100 g)			14.60		25.80		12.20
pH (H ₂ O 1:1)			a 7.5		a 7.6		a 8.6
Organic Matter (360°C LOI) %			2.69		3.50		2.33
Estimated Nitrogen Release lb/A			74		85		67
ANIONS	SOLUBLE SULFUR*	ppm	114		1305		65
	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						
EXCHANGEABLE CATIONS	OLSEN lb/A P as P ₂ O ₅ ppm of P		151 33		69 15		23 5
	CALCIUM*	lb/A ppm	3846 1923		8242 4121		2786 1393
	MAGNESIUM*	lb/A ppm	422 211		440 220		256 128
	POTASSIUM*	lb/A ppm	806 403		766 383		1818 909
	SODIUM*	lb/A ppm	746 373		644 322		686 343
BASE SATURATION PERCENT							
Calcium %			65.86		79.86		57.09
Magnesium %			12.04		7.11		8.74
Potassium %			7.08		3.81		19.10
Sodium %			11.11		5.43		12.22
Other Bases %			3.90		3.80		2.80
Hydrogen %			0.00		0.00		0.00
EXTRACTABLE MINORS							
Boron M3 (ppm)							
Iron** (ppm)			21		15		11
Manganese** (ppm)			1		1		1
Copper** (ppm)			1.37		0.85		0.71
Zinc** (ppm)			6.18		4.43		8.93
Aluminum (ppm)							
OTHER TESTS	Soluble Salts (mmhos/cm)						
	Chlorides (ppm)						

a - alkaline soil

* Ammonium Acetate Extractable (pH of 8.1)

** DTPA Extractable