

BROOKSIDE LABORATORIES, INC.

SOIL AUDIT AND INVENTORY REPORT

Name Revere Golf Club City Henderson State NV

Independent Consultant Soil and Water Consulting Date 9/30/2016

Sample Location		LEXINGTON COURSE	FAIRWAY		GREEN		TEE
Sample Identification			7		7		7
Lab Number			0194-1		0195-1		0196-1
Total Exchange Capacity (ME/100 g)			28.26		10.73		13.33
pH (H ₂ O 1:1)			a 7.5		a 7.8		a 7.6
Organic Matter (humus) %			4.86		1.82		4.26
Estimated Nitrogen Release lb/A			99		56		93
ANIONS	SOLUBLE SULFUR*	ppm	1445		70		81
	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	188 41		32 7		96 21
	CALCIUM*	lb/A ppm	8050 4025		2690 1345		3560 1780
	MAGNESIUM*	lb/A ppm	636 318		206 103		380 190
	POTASSIUM*	lb/A ppm	1588 794		1210 605		732 366
	SODIUM*	lb/A ppm	1080 540		554 277		644 322
BASE SATURATION PERCENT							
	Calcium	%	71.21		62.67		66.77
	Magnesium	%	9.38		8.00		11.88
	Potassium	%	7.20		14.46		7.04
	Sodium	%	8.31		11.22		10.50
	Other Bases	%	3.90		3.60		3.80
	Hydrogen	%	0.00		0.00		0.00
EXTRACTABLE MINORS							
	Boron M3 (ppm)						
	Iron** (ppm)		21		11		27
	Manganese** (ppm)		2		2		1
	Copper** (ppm)		0.96		0.81		1.74
	Zinc** (ppm)		7.45		10.71		8.68
	Aluminum (ppm)						
OTHER TESTS	Soluble Salts (mmhos/cm)						
	Chlorides (ppm)						

a - alkaline soil

* Ammonium Acetate Extractable (pH of 8.1)

** DTPA Extractable