

lb/A

BROOKSIDE LABORATORIES, INC.

SOIL AUDIT AND INVENTORY REPORT

46715-52

Name Canyon Gate Country Club City Las Vegas State NVIndependent Consultant Soil and Water Consulting Date 2/27/2025

Sample Location		GREEN	PG				
Sample Identification							
Lab Number			0054-1				
Total Exchange Capacity (ME/100 g)			7.36				
pH (H ₂ O 1:1)			a 8.8				
Organic Matter (360°C LOI) %			0.77				
Estimated Nitrogen Release lb/A			31				
ANIONS	SOLUBLE SULFUR*	ppm	42				
	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 ppm	2196 1098				
	MAGNESIUM*	lb/A ppm	264 132				
	POTASSIUM*	lb/A ppm	224 112				
	SODIUM*	lb/A ppm	132 66				
BASE SATURATION PERCENT							
	Calcium	%	74.59				
	Magnesium	%	14.95				
	Potassium	%	3.90				
	Sodium	%	3.90				
	Other Bases	%	2.60				
	Hydrogen	%	0.00				
EXTRACTABLE MINORS							
	Boron** (ppm)		0.62				
	Iron** (ppm)		58				
	Manganese** (ppm)		51				
	Copper** (ppm)		1.34				
	Zinc** (ppm)		6.16				
	Aluminum** (ppm)		53				
OTHER TESTS	Soluble Salts (mmhos/cm)						
	Chlorides (ppm)						
	NO ₃ -N (ppm)		1.8				
	NH ₄ -N (ppm)		6.1				

a - alkaline soil

* Ammonium Acetate Extractable (pH of 8.1)

** Mehlich III Extractable