

lb/A

BROOKSIDE LABORATORIES, INC.

SOIL AUDIT AND INVENTORY REPORT

74738-34

Name Jumping Brook Country Club City Neptune State NJ

Independent Consultant Soil and Water Consulting Date 6/4/2025

Sample Location		GREEN	1				
Sample Identification			0-				
Lab Number			1105-1				
Total Exchange Capacity (ME/100 g)			5.69				
pH	Buffer (SMP/Sikora)		7.3				
	H ₂ O (1:1)		6.0				
Organic Matter (360°C LOI) %			3.40				
Estimated Nitrogen Release		lb/A	84				
ANIONS	SOLUBLE SULFUR*						
	PHOSPHORUS	ppm	18				
		MEHLICH III	lb/A P as P ₂ O ₅	444			
			ppm of P	97			
		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					
EXCHANGEABLE CATIONS	CALCIUM*		lb/A	1534			
		ppm		767			
	MAGNESIUM*		lb/A	96			
		ppm		48			
	POTASSIUM*		lb/A	164			
		ppm		82			
	SODIUM*		lb/A	38			
		ppm		19			
BASE SATURATION PERCENT							
	Calcium	%	67.40				
	Magnesium	%	7.03				
	Potassium	%	3.70				
	Sodium	%	1.45				
	Other Bases	%	5.40				
	Hydrogen	%	15.00				
EXTRACTABLE MINORS							
	Boron* (ppm)			0.44			
	Iron* (ppm)			171			
	Manganese* (ppm)			56			
	Copper* (ppm)			1.19			
	Zinc* (ppm)			6.89			
	Aluminum* (ppm)			185			
OTHER TESTS	Soluble Salts (mmhos/cm)						
	Chlorides (ppm)						
	NO ₃ -N (ppm)			0.5			
	NH ₄ -N (ppm)			1.9			

* Mehlich III Extractable