

lb/A

BROOKSIDE LABORATORIES, INC.

SOIL AUDIT AND INVENTORY REPORT

74738-21

Name Jumping Brook Country Club City Neptune State NJ

Independent Consultant Soil and Water Consulting Date 12/21/2021

Sample Location		ROUGH	BETWEEN					
Sample Identification			8 & 9					
Lab Number			0595-1					
Total Exchange Capacity (ME/100 g)			14.52					
pH	Buffer (SMP/Sikora)		5.9					
	H ₂ O (1:1)		4.5					
Organic Matter (360°C LOI) %			8.12					
Estimated Nitrogen Release		lb/A	116					
ANIONS	SOLUBLE SULFUR*							
	PHOSPHORUS	ppm	12					
		MEHLICH III	lb/A P as P ₂ O ₅ ppm of P	311 68				
		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	1626					
		ppm	813					
	MAGNESIUM*	lb/A	204					
		ppm	102					
	POTASSIUM*	lb/A	162					
		ppm	81					
	SODIUM*	lb/A	88					
		ppm	44					
BASE SATURATION PERCENT								
Calcium	%	28.00						
Magnesium	%	5.85						
Potassium	%	1.43						
Sodium	%	1.32						
Other Bases	%	8.40						
Hydrogen	%	55.00						
EXTRACTABLE MINORS								
	Boron* (ppm)		0.34					
	Iron* (ppm)		431					
	Manganese* (ppm)		7					
	Copper* (ppm)		2.14					
	Zinc* (ppm)		5.89					
	Aluminum* (ppm)		539					
OTHER TESTS	Soluble Salts (mmhos/cm)							
	Chlorides (ppm)							
	NO ₃ -N (ppm)		2.6					
	NH ₄ -N (ppm)		0.8					

* Mehlich III Extractable