

lb/A

BROOKSIDE LABORATORIES, INC.

SOIL AUDIT AND INVENTORY REPORT

74738-31

Name Jumping Brook Country Club City Neptune State NJ

Independent Consultant Soil and Water Consulting Date 11/5/2024

Sample Location		NEW APPROACH	HOLE #1				
Sample Identification							
Lab Number		0471-1					
Total Exchange Capacity (ME/100 g)		7.92					
pH	Buffer (SMP/Sikora)	7.3					
	H ₂ O (1:1)	6.3					
Organic Matter (360°C LOI) %		3.97					
Estimated Nitrogen Release		lb/A	90				
ANIONS	SOLUBLE SULFUR*		ppm	18			
	PHOSPHORUS	MEHLICH III	lb/A P as P ₂ O ₅ ppm of P	499			
		BRAY II	lb/A P as P ₂ O ₅ ppm of P	109			
		OLSEN	lb/A P as P ₂ O ₅ ppm of P				
	EXCHANGEABLE CATIONS	CALCIUM*	lb/A	2136			
		ppm	1068				
MAGNESIUM*		lb/A	200				
		ppm	100				
POTASSIUM*		lb/A	200				
		ppm	100				
SODIUM*		lb/A	118				
		ppm	59				
BASE SATURATION PERCENT							
Calcium	%	67.42					
Magnesium	%	10.52					
Potassium	%	3.24					
Sodium	%	3.24					
Other Bases	%	5.10					
Hydrogen	%	10.50					
EXTRACTABLE MINORS							
	Boron* (ppm)	0.70					
	Iron* (ppm)	311					
	Manganese* (ppm)	4					
	Copper* (ppm)	1.01					
	Zinc* (ppm)	3.55					
	Aluminum* (ppm)	465					
OTHER TESTS	Soluble Salts (mmhos/cm)						
	Chlorides (ppm)						
	NO ₃ -N (ppm)	5.6					
	NH ₄ -N (ppm)	6.2					

* Mehlich III Extractable

lb/A

BROOKSIDE LABORATORIES, INC.

SOIL AUDIT AND INVENTORY REPORT

74738-31

Name Jumping Brook Country Club City Neptune State NJ

Independent Consultant Soil and Water Consulting Date 11/5/2024

Sample Location		APPROACH	HOLE #18					
Sample Identification								
Lab Number			0472-1					
Total Exchange Capacity (ME/100 g)			5.99					
pH	Buffer (SMP/Sikora)		7.4					
	H ₂ O (1:1)		6.3					
Organic Matter (360°C LOI) %			3.01					
Estimated Nitrogen Release		lb/A	80					
ANIONS	SOLUBLE SULFUR*							
	PHOSPHORUS	ppm	19					
		MEHLICH III	lb/A P as P ₂ O ₅	998				
			ppm of P	218				
		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	1612				
		ppm	806					
	MAGNESIUM*		lb/A	120				
		ppm	60					
	POTASSIUM*		lb/A	238				
		ppm	119					
	SODIUM*		lb/A	102				
		ppm	51					
BASE SATURATION PERCENT								
Calcium		%	67.28					
Magnesium		%	8.35					
Potassium		%	5.09					
Sodium		%	3.70					
Other Bases		%	5.10					
Hydrogen		%	10.50					
EXTRACTABLE MINORS								
Boron* (ppm)			0.63					
Iron* (ppm)			358					
Manganese* (ppm)			10					
Copper* (ppm)			1.03					
Zinc* (ppm)			5.02					
Aluminum* (ppm)			504					
OTHER TESTS	Soluble Salts (mmhos/cm)							
	Chlorides (ppm)							
	NO ₃ -N (ppm)			0.8				
	NH ₄ -N (ppm)			1.0				

* Mehlich III Extractable