lb/A

BROOKSIDE LABORATORIES, INC.

58251-46

SOIL AUDIT AND INVENTORY REPORT

Name: Renergy, Inc. City: Delaware State: OH

Independent Consultant: Brookside Consultants of Ohio, Inc. Date: 07/22/2020

Sample Location MOR-01-03	POINT 1	POINT 2	POINT 3		
Sample Identification					
Lab Number	1361-1	1362-1	1363-1		
Total Exchange Capacity (ML/100 g)	8.04	9.59	14.37		
pH (H2O 1:1)	5.8	5.8	6.1		
Organic Matter (360°C LOI) %	3.35	3.12	4.25		
Estimated Nitrogen Release lb/A	84	81	92		
SOLUBLE SULFUR* ppm	6	6	7		
MEHLICH III lb/A P as P2O5 / ppm of P					
BRAY II lb/A P as P2O5 / ppm of P					
OLSEN lb/A P as P2O5 / ppm of P					
CALCIUM* lb/A	1824	2262	3524		
ppm	912	1131	1762		
MAGNESIUM* lb/A	274	286	644		
ppm	137	143	322		
POTASSIUM* lb/A	100	94	108		
ppm	50	47	54		
SODIUM* lb/A	26	24	24		
ppm	13	12	12		
BASE SATURATION PERCENT					
Calcium %	56.72	58.97	61.31		
Magnesium %	14.20	12.43	18.67		
Potassium %	1.59	1.26	0.96		
Sodium %	0.70	0.54	0.36		
Other Bases %	5.80	5.80	5.20		
Hydrogen %	21.00	21.00	13.50		
EXTRACTABLE MINORS					
Boron* (ppm)	0.38	0.39	0.67		
Iron* (ppm)	161	123	188		
Manganese* (ppm)	101	69	83		
Copper* (ppm)	1.00	1.08	2.21		
Zinc* (ppm)	1.05	0.83	1.26		
Aluminum* (ppm)	658	661	678		
Soluble Salts (mmhos/cm)					
Chlorides (ppm)					
Bray I P (ppm)	1	< 1	1		

* Mehlich III Extractable