

Supplementary Materials: Development of Mine Soils in a Chronosequence of Forestry-Reclaimed Sites in Eastern Kentucky

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Table S1. Linear regression model parameter estimates for soil chemical and physical characteristics by time since reclamation.

Regression Parameter or Statistic	Al	Mn	Fe	Mg	K	Ca	Na	$\delta^{13}\text{C}$	OC	Gravel	Sand	Silt	Clay
Parameters													
Intercept	28,600	230	16,400	1630	10,600	795	2730	−25.4	0.439	52.3	23.8	20.5	3.43
Time	1680	1.47	190	102	433	1.23	−24.2	−0.0284	0.0794	−0.433	−0.107	0.510	0.03
P-values													
Intercept	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0783	<0.001	<0.001	<0.001	<0.001
Time	<0.001	0.459	0.125	<0.001	<0.001	0.908	0.229	0.0868	0.0002	0.157	0.613	0.0014	0.379
Model Fit Statistics													
R^2	0.436	0.0074	0.0315	0.286	0.324	0.0002	0.0195	0.0391	0.172	0.0269	0.0035	0.129	0.0105
CV†	26.6	44.4	36.9	38.4	26.5	72.1	44.3	−3.52	88.6	34.9	51.4	33.0	50.2
Root MSE	12,200	109	6750	1030	4000	582	1,1005	0.902	1.12	16.7	11.6	8.50	1.88

†CV = Coefficient of variance; MSE = mean square error.