

Table 4 Two-way analysis of soil properties in different types and soil depths

Variable factor		SS	DF	MS	F-value	Sig.
Type	pH	4.098	4	1.025	46.613	0.000
	Organic Carbon	24.934	4	6.2335	68.797	0.000
	Total nitrogen	0.080	4	0.02	90.400	0.000
	C/N	1001.442	4	250.3605	90.427	0.000
	Moisture	174.859	4	43.71475	16.502	0.000
	Bulk density	0.604	4	0.151	115.524	0.000
Depth	pH	0.074	1	0.074	3.354	0.047
	Organic Carbon	1.988	1	1.988	21.941	0.000
	Total nitrogen	0.016	1	0.016	73.636	0.000
	C/N	0.021	1	0.021	0.008	0.931
	Moisture	83.774	1	83.774	31.625	0.000
	Bulk density	0.014	1	0.014	10.542	0.002
Type × Depth	pH	0.048	4	0.012	0.541	0.706
	Organic Carbon	0.731	4	0.183	2.018	0.110
	Total nitrogen	0.006	4	0.001	6.364	0.000
	C/N	8.960	4	0.240	0.800	0.532
	Moisture	2.022	4	0.506	0.191	0.942
	Bulk density	0.005	4	0.001	0.963	0.439