

Soils treated with different rock fines \pm manure (continued)										
	T14	T24	T34	T44	T15	T25	T35	T45	T26	T46
Texture										
Sand					5.00	8.00	6.00	4.00	40.00	39.00
Silt					40.00	34.00	40.00	36.00	25.00	27.00
Clay					55.00	58.00	54.00	60.00	35.00	34.00
					SC	SC	SC	C	CL	CL
Soil reaction										
pH water	6.18	6.90	6.45	6.72	4.80	4.90	4.90	4.80	5.20	6.10
Organic matter										
CO %	4.10	6.80	5.40	5.60	3.16	3.61	4.15	3.77	7.03	6.74
MO %	6.20	9.11	6.91	7.10	5.45	6.23	7.15	6.57	12.12	11.62
N (g/Kg)					2.91	3.06	2.92	2.77	0.05	0.16
C/N					11.00	12.00	14.00	14.00		
Exchangeable Cations (meq/100g)										
Ca	0.96	1.70	1.50	1.36	2.60	2.56	3.04	2.54	10.24	3.20
Mg	0.40	1.02	0.81	0.86	0.03	0.42	0.36	0.36	45.76	24.00
K					0.07	0.09	0.09	0.07	0.01	0.01
Na					0.03	0.02	0.02	0.02	0.01	0.00
Sum of exchangeable bases (meq/100g)										
	2.07	3.64	3.09	2.94	3.08	3.09	3.51	2.99	56.00	27.20
Capacity of cationic exchange (meq/100g)										
	23.00	28.00	24.40	23.60	10.70	8.80	8.80	8.80	24.16	21.20
Phosphorus Assimilable (ppm) Bray II										
	21.49	30.11	26.38	28.25	23.56	13.82	17.90	18.45	24.30	95.96

T14 = T04 + 200g lapilli; T24 = T04 + 200g fines from volcanic pyroclastic materials; T34 = T04 + 200g highly vesicular pyroclastic materials; T44 = T04 + 200g fines from less vesicular pyroclastic materials; T15 = T05 + 1Kg basalt fines ; T25 = T05 + 1Kg basalt fines + 10ml LMO (Light Organic Material); T35 = T05 + 1Kg basalt fines + 0.5Kg green manure (Tithonia); T45 = T05 + 1Kg basalt fines + 0.5Kg green manure; T26 = T06 + 2Kg basalt fines + 0.75Kg green manure; T46 = T06 + 2Kg trachyte fines + 0.75Kg green manure. Abbreviations: LS = Loamy sand; C = Clay; SC = Silty clay; CL = Clay loam; SL = Silty laom. pHw = pH water

Table 2 (continued): Physico-chemical properties of controls and soils treated with different rock fines \pm manure collected in different localities in Cameroon.