

Variable	Lokalita	Horizon type	Habitat	Valid N	Mean	Median	Mode	Frequency of mode	Minimum	Maximum	Lower quartile	Upper quartile	Percentile 10%	Percentile 90%	Variance	Std.Dev.	Coef.Var.	Skewness	Kurtosis
Al <sup>3+</sup> [meq.kg <sup>-1</sup> ]	BR	A	K	9	37.30	25.33	Multiple	1	7.11	85.99	19.75	50.08	7.11	85.99	859.408	29.316	78.603	1.061	-0.402
BC [meq.kg <sup>-1</sup> ]	BR	A	K	9	5.95	5.30	Multiple	1	4.44	8.66	4.95	6.66	4.44	8.66	2.196	1.482	24.900	0.876	-0.355
BS [%]	BR	A	K	9	10.47	10.52	Multiple	1	6.07	18.52	8.19	11.54	6.07	18.52	13.511	3.676	35.107	1.186	2.544
Ca <sup>2+</sup> [meq.kg <sup>-1</sup> ]	BR	A	K	9	2.93	2.67	Multiple	1	1.96	4.65	2.27	3.31	1.96	4.65	0.828	0.910	31.017	0.976	0.022
CEC [meq.kg <sup>-1</sup> ]	BR	A	K	9	62.87	50.79	Multiple	1	35.98	105.73	40.63	75.92	35.98	105.73	701.667	26.489	42.133	0.756	-0.919
Cox [%]	BR	A	K	9	3.60	2.92	Multiple	1	1.61	7.34	2.13	4.56	1.61	7.34	3.840	1.960	54.397	0.854	-0.070
EA [meq.kg <sup>-1</sup> ]	BR	A	K	9	56.92	45.62	Multiple	1	29.32	97.07	36.19	70.98	29.32	97.07	657.336	25.639	45.043	0.731	-0.968
Fe <sup>3+</sup> [meq.kg <sup>-1</sup> ]	BR	A	K	9	2.17	1.29	Multiple	1	0.58	4.38	1.00	3.71	0.58	4.38	2.260	1.503	69.189	0.609	-1.659
K <sup>+</sup> [meq.kg <sup>-1</sup> ]	BR	A	K	9	1.71	1.57	Multiple	1	1.19	3.01	1.31	1.79	1.19	3.01	0.317	0.563	32.990	1.743	3.582
Mg <sup>2+</sup> [meq.kg <sup>-1</sup> ]	BR	A	K	9	0.82	0.82	Multiple	1	0.45	1.61	0.64	0.85	0.45	1.61	0.112	0.334	40.986	1.818	4.392
Mn <sup>2+</sup> [meq.kg <sup>-1</sup> ]	BR	A	K	9	0.25	0.06	.0590000	2	0.03	1.21	0.04	0.07	0.03	1.21	0.180	0.425	167.146	1.939	2.863
Na <sup>+</sup> [meq.kg <sup>-1</sup> ]	BR	A	K	9	0.50	0.56	Multiple	1	0.07	0.74	0.45	0.67	0.07	0.74	0.056	0.236	47.724	-0.955	-0.116
pH/BaCl <sub>2</sub>	BR	A	K	9	2.95	2.88	Multiple	1	2.59	3.35	2.83	3.03	2.59	3.35	0.060	0.246	8.316	0.625	-0.070
pH/CaCl <sub>2</sub>	BR	A	K	9	2.89	2.86	Multiple	2	2.57	3.42	2.71	2.88	2.57	3.42	0.083	0.289	9.998	1.132	0.227
pH/H <sub>2</sub> O	BR	A	K	9	3.56	3.52	Multiple	1	3.41	3.87	3.50	3.54	3.41	3.87	0.018	0.133	3.726	1.884	4.186
Al <sup>3+</sup> [meq.kg <sup>-1</sup> ]	BR	B	K	17	33.45	24.50	Multiple	1	10.55	100.13	17.92	33.17	11.40	93.22	730.730	27.032	80.823	1.742	2.184
BC [meq.kg <sup>-1</sup> ]	BR	B	K	17	4.04	3.81	3,220000	2	2.77	6.53	3.22	4.64	2.79	5.44	1.057	1.028	25.477	0.950	0.588
BS [%]	BR	B	K	17	10.28	10.32	Multiple	1	4.38	16.16	7.90	12.51	5.51	14.79	11.972	3.460	33.650	-0.081	-0.838
Ca <sup>2+</sup> [meq.kg <sup>-1</sup> ]	BR	B	K	17	2.09	2.02	Multiple	1	1.62	3.11	1.78	2.24	1.64	2.77	0.166	0.407	19.426	1.077	1.145
CEC [meq.kg <sup>-1</sup> ]	BR	B	K	17	46.77	37.88	Multiple	1	18.86	118.91	28.47	51.22	21.77	115.01	876.075	29.599	63.288	1.774	2.389
Cox [%]	BR	B	K	17	1.38	0.78	Multiple	1	0.20	7.85	0.40	1.68	0.24	2.96	3.388	1.841	133.024	3.028	10.335
EA [meq.kg <sup>-1</sup> ]	BR	B	K	17	42.73	34.65	Multiple	1	16.09	113.70	25.48	47.28	18.55	108.48	832.205	28.848	67.508	1.781	2.395
Fe <sup>3+</sup> [meq.kg <sup>-1</sup> ]	BR	B	K	17	1.77	0.80	.0590000	2	0.06	6.79	0.48	2.32	0.06	6.61	4.691	2.166	122.294	1.589	1.514
K <sup>+</sup> [meq.kg <sup>-1</sup> ]	BR	B	K	17	1.23	1.15	Multiple	1	0.73	2.26	0.92	1.49	0.75	1.89	0.176	0.419	33.957	0.976	0.901
Mg <sup>2+</sup> [meq.kg <sup>-1</sup> ]	BR	B	K	17	0.41	0.32	Multiple	1	0.15	1.11	0.30	0.43	0.20	0.81	0.060	0.244	59.434	1.775	3.357
Mn <sup>2+</sup> [meq.kg <sup>-1</sup> ]	BR	B	K	17	0.37	0.03	.0120000	2	0.01	2.55	0.02	0.26	0.01	2.12	0.576	0.759	206.135	2.477	5.180
Na <sup>+</sup> [meq.kg <sup>-1</sup> ]	BR	B	K	17	0.30	0.28	.0670000	6	0.07	0.91	0.07	0.34	0.07	0.79	0.063	0.250	84.670	1.315	1.472
pH/BaCl <sub>2</sub>	BR	B	K	17	3.34	3.30	Multiple	2	2.97	3.75	3.18	3.47	3.01	3.75	0.064	0.252	7.551	0.421	-0.801
pH/CaCl <sub>2</sub>	BR	B	K	17	3.22	3.00	2,980000	3	2.76	3.85	2.98	3.47	2.79	3.81	0.128	0.358	11.108	0.618	-0.997
pH/H <sub>2</sub> O	BR	B	K	17	3.70	3.64	Multiple	2	3.50	4.13	3.59	3.76	3.50	4.00	0.031	0.176	4.763	1.145	0.942
Al <sup>3+</sup> [meq.kg <sup>-1</sup> ]	BR	FH	K	10	62.30	56.93	Multiple	1	27.88	123.36	38.33	76.96	32.88	109.94	862.139	29.362	47.133	1.087	0.900
BC [meq.kg <sup>-1</sup> ]	BR	FH	K	10	63.99	59.84	Multiple	1	17.55	117.65	44.62	92.44	24.19	105.21	958.258	30.956	48.375	0.257	-0.599
BS [%]	BR	FH	K	10	33.32	32.17	Multiple	1	13.57	58.42	24.91	43.82	15.59	53.65	196.509	14.018	42.073	0.409	-0.445
Ca <sup>2+</sup> [meq.kg <sup>-1</sup> ]	BR	FH	K	10	45.00	41.70	Multiple	1	9.42	93.27	26.83	58.69	12.73	82.69	661.909	25.728	57.175	0.486	-0.130
CEC [meq.kg <sup>-1</sup> ]	BR	FH	K	10	185.88	186.20	Multiple	1	129.31	215.65	175.14	203.20	150.49	213.30	627.230	45.045	13.473	-1.188	2.111
Cox [%]	BR	FH	K	10	26.62	28.76	Multiple	1	14.07	29.51	25.30	29.31	19.34	29.49	22.616	4.756	17.862	-2.431	6.381
EA [meq.kg <sup>-1</sup> ]	BR	FH	K	10	121.89	126.50	Multiple	1	83.75	144.31	111.50	138.71	90.40	144.01	432.213	20.790	17.056	-0.654	-0.676
Fe <sup>3+</sup> [meq.kg <sup>-1</sup> ]	BR	FH	K	10	6.44	5.69	Multiple	1	3.83	11.00	5.09	8.18	4.25	9.70	4.664	2.160	33.525	1.084	0.837
K <sup>+</sup> [meq.kg <sup>-1</sup> ]	BR	FH	K	10	8.59	8.27	Multiple	1	4.59	17.77	7.37	8.79	5.19	13.38	12.341	3.513	40.918	2.200	6.320
Mg <sup>2+</sup> [meq.kg <sup>-1</sup> ]	BR	FH	K	10	9.15	10.13	Multiple	1	2.46	15.48	4.94	11.71	3.16	15.12	19.607	4.428	48.371	-0.123	-1.071
Mn <sup>2+</sup> [meq.kg <sup>-1</sup> ]	BR	FH	K	10	2.93	1.90	Multiple	1	0.70	6.93	1.10	4.79	0.86	6.60	5.386	2.321	79.211	0.837	-0.919
Na <sup>+</sup> [meq.kg <sup>-1</sup> ]	BR	FH	K	10	1.25	1.25	Multiple	1	0.83	2.15	0.85	1.50	0.83	1.83	0.188	0.434	34.623	0.859	0.445
pH/BaCl <sub>2</sub>	BR	FH	K	10	2.50	2.45	2,270000	2	2.18	3.07	2.27	2.68	2.23	2.92	0.075	0.274	10.956	1.031	0.721
pH/CaCl <sub>2</sub>	BR	FH	K	10	2.78	2.77	Multiple	1	2.52	3.25	2.61	2.88	2.56	3.08	0.043	0.208	7.472	1.224	2.240
pH/H <sub>2</sub> O	BR	FH	K	10	3.56	3.56	Multiple	1	3.31	3.96	3.41	3.64	3.32	3.88	0.042	0.206	5.770	0.667	0.008
Al <sup>3+</sup> [meq.kg <sup>-1</sup> ]	BR	A	M	11	74.98	68.72	Multiple	1	35.36	167.07	51.81	87.32	41.91	98.29	1293.596	35.967	47.967	1.774	4.198
BC [meq.kg <sup>-1</sup> ]	BR	A	M	11	12.79	8.81	Multiple	1	5.12	33.60	6.41	20.54	5.23	24.61	87.093	9.332	72.976	1.445	1.175
BS [%]	BR	A	M	11	11.92	8.72	Multiple	1	4.51	28.26	7.25	13.96	7.06	22.00	52.366	7.236	60.704	1.476	1.614
Ca <sup>2+</sup> [meq.kg <sup>-1</sup> ]	BR	A	M	11	7.90	4.95	Multiple	1	2.25	26.56	2.47	13.97	2.39	15.88	60.047	7.749	98.063	1.701	2.465
CEC [meq.kg <sup>-1</sup> ]	BR	A	M	11	108.96	109.73	Multiple	1	51.04	195.27	66.20	141.65	59.95	154.50	1884.405	43.410	39.839	0.554	0.046
Cox [%]	BR	A	M	11	11.32	9.72	Multiple	1	6.89	16.99	8.25	15.27	7.54	15.41	12.497	3.535	31.231	0.363	-1.458
EA [meq.kg <sup>-1</sup> ]	BR	A	M	11	96.18	87.25	Multiple	1	43.92	186.46	61.08	131.65	54.72	133.96	1704.046	41.280	42.921	0.992	1.016
Fe <sup>3+</sup> [meq.kg <sup>-1</sup> ]	BR	A	M	11	2.97	2.15	Multiple	1	0.63	8.08	1.32	3.90	0.91	6.75	5.797	2.408	81.145	1.380	1.014
K <sup>+</sup> [meq.kg <sup>-1</sup> ]	BR	A	M	11	2.68	2.47	Multiple	1	1.25	4.84	1.83	3.42	1.58	3.84	1.157	1.076	40.104	0.648	-0.012
Mg <sup>2+</sup> [meq.kg <sup>-1</sup> ]	BR	A	M	11	1.41	1.26	Multiple	1	0.46	3.20	0.57	2.15	0.54	2.52	0.820	0.906	64.121	0.803	-0.306
Mn <sup>2+</sup> [meq.kg <sup>-1</sup> ]	BR	A	M	11	0.61	0.21	Multiple	1	0.07	2.88	0.11	1.20	0.09	1.30	0.762	0.873	143.692	2.123	4.402
Na <sup>+</sup> [meq.kg <sup>-1</sup> ]	BR	A	M	11	0.79	0.68	Multiple	1	0.30	1.71	0.48	1.01	0.39	1.17	0.164	0.404	51.080	1.153	1.484
pH/BaCl <sub>2</sub>	BR	A	M	11	2.95	3.00	Multiple	1	2.56	3.26	2.68	3.15	2.65	3.20	0.054	0.232	7.887	-0.422	-0.976
pH/CaCl <sub>2</sub>	BR	A	M	11	3.03	3.06	Multiple	1	2.73	3.29	2.85	3.25	2.79	3.26	0.040	0.200	6.623	-0.043	-1.553
pH/H <sub>2</sub> O	BR	A	M	11	3.67	3.64	3,580000	2	3.41	3.99	3.58	3.82	3.52	3.84	0.027	0.165	4.479	0.407	0.024
Al <sup>3+</sup> [meq.kg <sup>-1</sup> ]	BR	B	M	18	23.72	22.28	Multiple	1	4.63	54.12	14.29	27.82	8.85	49.60	194.041	13.930	58.715	0.833	0.120
BC [meq.kg <sup>-1</sup> ]	BR	B	M	18	5.35	3.46	3,010000	2	2.95	29.66	3.17	4.65	3.01	7.20	38.052	6.169	115.410	4.024	16.636
BS [%]	BR	B	M	18	17.04	11.95	Multiple	1	5.26	78.61	8.66	19.01	7.14	28.96	272.734	16.515	96.920	3.374	12.665
Ca <sup>2+</sup> [meq.kg <sup>-1</sup> ]	BR	B	M	18	3.40	1.78	Multiple	1	1.64	26.90	1.71	2.15	1.65	3.73	34.748	5.895	173.243	4.173	17.570
CEC [meq.kg <sup>-1</sup> ]	BR	B	M	18	34.18	32.99	Multiple	1	15.30	65.86	23.90	42.24	16.04	63.55	214.571	14.648	42.855	0.830	0.347
Cox [%]	BR	B	M	18	0.88	0.69	Multiple	1	0.										

Variable	Lokality	Horizon type	Habitat	Valid N	Mean	Median	Mode	Frequency of mode	Minimum	Maximum	Lower quartile	Upper quartile	Percentile 10%	Percentile 90%	Variance	Std.Dev.	Coef.Var.	Skewness	Kurtosis
pH/CaCl <sub>2</sub>	CL	B	K	12	3.88	3.92	Multiple	2	3.68	4.11	3.74	3.98	3.70	4.00	0.019	0.139	3.568	-0.242	-1.040
pH/H <sub>2</sub> O	CL	B	K	12	4.45	4.47	4,460000	2	4.18	4.77	4.27	4.55	4.24	4.68	0.033	0.182	4.084	0.112	-0.693
Al <sup>3+</sup> [meq.kg <sup>-1</sup> ]	CL	FH	K	11	28.60	29.51	Multiple	1	1.99	43.39	26.09	35.13	18.50	37.59	123.391	11.108	38.842	-1.362	2.703
BC [meq.kg <sup>-1</sup> ]	CL	FH	K	11	66.05	60.21	Multiple	1	40.79	134.24	45.56	81.71	42.18	85.59	745.761	27.309	41.344	1.696	3.370
BS [%]	CL	FH	K	11	56.76	55.37	Multiple	1	41.72	91.99	48.53	60.57	43.66	61.28	179.641	13.403	23.613	1.899	5.079
Ca <sup>2+</sup> [meq.kg <sup>-1</sup> ]	CL	FH	K	11	46.69	39.72	Multiple	1	28.09	103.27	29.75	58.52	29.48	62.18	494.231	22.231	47.613	1.843	3.842
CEC [meq.kg <sup>-1</sup> ]	CL	FH	K	11	113.36	109.22	Multiple	1	80.40	145.93	101.09	133.33	84.98	141.31	448.893	21.187	18.691	0.050	-0.745
Cox [%]	CL	FH	K	11	20.54	21.59	Multiple	1	10.51	29.36	18.04	22.79	17.45	23.52	21.682	4.656	22.673	-0.403	2.244
EA [meq.kg <sup>-1</sup> ]	CL	FH	K	11	47.31	50.23	Multiple	1	11.69	61.54	39.61	58.91	39.43	59.00	197.349	14.048	29.697	-1.737	3.835
Fe <sup>3+</sup> [meq.kg <sup>-1</sup> ]	CL	FH	K	11	1.15	1.03	Multiple	1	0.07	3.97	0.42	1.54	0.18	2.04	1.222	1.105	96.214	1.821	4.002
K <sup>+</sup> [meq.kg <sup>-1</sup> ]	CL	FH	K	11	5.59	4.95	Multiple	1	2.60	11.50	4.00	6.78	3.97	6.98	5.510	2.347	41.976	1.640	3.799
Mg <sup>2+</sup> [meq.kg <sup>-1</sup> ]	CL	FH	K	11	11.72	11.59	Multiple	1	6.69	17.14	9.36	15.14	6.84	16.20	12.486	3.534	30.144	0.067	-1.016
Mn <sup>2+</sup> [meq.kg <sup>-1</sup> ]	CL	FH	K	11	3.98	3.43	Multiple	1	1.59	9.10	2.35	4.41	1.66	7.77	5.869	2.423	60.852	1.308	0.975
Na <sup>+</sup> [meq.kg <sup>-1</sup> ]	CL	FH	K	11	2.05	2.27	Multiple	1	0.55	3.07	2.01	2.42	0.56	2.74	0.634	0.796	38.891	-1.246	0.978
pH/BaCl <sub>2</sub>	CL	FH	K	11	3.12	3.05	Multiple	1	2.68	4.34	2.91	3.21	2.70	3.25	0.196	0.443	14.179	2.306	6.696
pH/CaCl <sub>2</sub>	CL	FH	K	11	3.17	3.09	Multiple	2	2.90	4.27	3.02	3.14	3.00	3.24	0.140	0.374	11.782	2.994	9.458
pH/H <sub>2</sub> O	CL	FH	K	11	4.07	4.02	4,030000	2	3.61	5.00	3.94	4.14	3.86	4.20	0.118	0.344	8.451	2.080	6.214
Al <sup>3+</sup> [meq.kg <sup>-1</sup> ]	CL	A	M	11	25.73	23.24	Multiple	1	9.73	52.69	16.79	32.50	15.79	37.46	142.190	11.924	46.344	1.102	1.579
BC [meq.kg <sup>-1</sup> ]	CL	A	M	11	45.44	44.55	Multiple	1	18.86	83.94	25.29	57.56	20.49	62.51	376.174	19.395	42.681	0.364	0.187
BS [%]	CL	A	M	11	60.29	62.19	Multiple	1	38.76	80.11	51.96	75.91	41.04	77.41	192.436	13.872	23.008	-0.065	-0.903
Ca <sup>2+</sup> [meq.kg <sup>-1</sup> ]	CL	A	M	11	34.88	37.59	Multiple	1	15.14	53.27	18.64	47.64	15.50	47.83	185.257	13.611	39.026	-0.386	-1.271
CEC [meq.kg <sup>-1</sup> ]	CL	A	M	11	74.25	75.82	Multiple	1	37.68	108.43	48.68	98.02	48.67	100.53	576.552	24.011	32.340	-0.116	-1.418
Cox [%]	CL	A	M	10	9.46	9.42	Multiple	1	6.02	12.93	8.43	10.76	6.90	11.91	3.561	1.987	19.942	0.002	0.859
EA [meq.kg <sup>-1</sup> ]	CL	A	M	11	28.81	25.26	Multiple	1	11.06	57.80	18.26	38.02	17.19	40.29	168.630	12.986	45.079	1.009	1.394
Fe <sup>3+</sup> [meq.kg <sup>-1</sup> ]	CL	A	M	11	0.45	0.24	,0650000	2	0.07	2.34	0.15	0.42	0.07	0.60	0.417	0.645	142.545	2.961	9.241
K <sup>+</sup> [meq.kg <sup>-1</sup> ]	CL	A	M	11	2.50	1.59	Multiple	1	1.25	9.46	1.30	2.21	1.30	3.67	5.821	2.413	96.625	2.871	8.612
Mg <sup>2+</sup> [meq.kg <sup>-1</sup> ]	CL	A	M	11	4.59	5.07	Multiple	1	1.81	6.75	3.33	5.35	2.34	6.23	2.423	1.557	33.932	-0.614	-0.483
Mn <sup>2+</sup> [meq.kg <sup>-1</sup> ]	CL	A	M	11	1.06	0.91	Multiple	1	0.22	2.68	0.46	1.61	0.32	1.92	0.581	0.762	72.202	1.019	0.540
Na <sup>+</sup> [meq.kg <sup>-1</sup> ]	CL	A	M	11	3.48	1.96	Multiple	1	0.30	21.58	1.65	2.17	0.50	2.35	36.460	6.038	173.425	3.241	10.648
pH/BaCl <sub>2</sub>	CL	A	M	11	3.97	4.02	4,190000	2	3.66	4.28	3.72	4.19	3.70	4.19	0.052	0.228	5.746	-0.194	-1.733
pH/CaCl <sub>2</sub>	CL	A	M	11	4.08	4.07	4,040000	2	3.47	4.45	4.04	4.29	3.88	4.33	0.066	0.257	6.310	-1.093	2.634
pH/H <sub>2</sub> O	CL	A	M	11	4.98	5.10	Multiple	1	4.30	5.42	4.80	5.19	4.64	5.23	0.100	0.316	6.347	-0.940	0.860
Al <sup>3+</sup> [meq.kg <sup>-1</sup> ]	CL	B	M	17	4.10	4.69	Multiple	1	0.13	8.63	1.11	6.25	0.59	7.98	8.158	2.856	69.689	0.008	-1.475
BC [meq.kg <sup>-1</sup> ]	CL	B	M	17	31.31	29.06	Multiple	1	13.79	54.90	22.91	40.52	18.14	43.48	120.423	10.974	35.050	0.362	-0.425
BS [%]	CL	B	M	17	83.76	85.14	Multiple	1	59.19	98.29	78.41	90.50	66.62	96.39	108.901	10.436	12.459	-0.909	0.601
Ca <sup>2+</sup> [meq.kg <sup>-1</sup> ]	CL	B	M	17	22.52	18.76	Multiple	1	8.94	45.51	15.66	30.59	12.05	32.48	93.420	9.865	42.927	0.732	0.208
CEC [meq.kg <sup>-1</sup> ]	CL	B	M	17	36.90	37.66	Multiple	1	21.71	64.36	27.23	44.24	23.29	48.60	119.816	10.946	29.665	0.780	0.957
Cox [%]	CL	B	M	17	0.64	0.59	Multiple	1	0.22	1.51	0.30	0.81	0.25	1.11	0.135	0.367	57.470	0.832	0.206
EA [meq.kg <sup>-1</sup> ]	CL	B	M	17	5.59	6.17	Multiple	1	0.76	9.88	2.96	7.67	1.36	9.56	9.444	3.073	54.963	-0.086	-1.404
Fe <sup>3+</sup> [meq.kg <sup>-1</sup> ]	CL	B	M	17	0.26	0.27	,0650000	4	0.07	0.51	0.13	0.41	0.07	0.46	0.024	0.156	59.585	0.117	-1.415
K <sup>+</sup> [meq.kg <sup>-1</sup> ]	CL	B	M	17	2.07	1.99	Multiple	1	0.97	4.05	1.57	2.42	1.05	3.39	0.652	0.807	38.997	0.892	1.088
Mg <sup>2+</sup> [meq.kg <sup>-1</sup> ]	CL	B	M	17	5.32	5.41	Multiple	1	2.36	8.21	4.76	5.89	2.95	6.85	2.079	1.442	27.115	-0.201	0.446
Mn <sup>2+</sup> [meq.kg <sup>-1</sup> ]	CL	B	M	17	0.44	0.30	Multiple	1	0.12	1.64	0.26	0.40	0.18	0.94	0.144	0.379	86.949	2.386	6.067
Na <sup>+</sup> [meq.kg <sup>-1</sup> ]	CL	B	M	17	1.40	1.72	Multiple	1	0.18	2.17	0.56	1.91	0.28	2.07	0.512	0.716	50.935	-0.870	-1.080
pH/BaCl <sub>2</sub>	CL	B	M	17	4.29	4.33	Multiple	2	3.76	4.89	4.02	4.43	3.90	4.72	0.089	0.299	6.974	0.045	-0.193
pH/CaCl <sub>2</sub>	CL	B	M	17	4.37	4.20	Multiple	2	3.97	5.16	4.15	4.54	4.03	4.94	0.114	0.338	7.726	1.097	0.375
pH/H <sub>2</sub> O	CL	B	M	17	5.38	5.23	5,130000	2	4.90	6.13	5.13	5.55	5.06	6.09	0.120	0.346	6.443	1.028	0.569
Al <sup>3+</sup> [meq.kg <sup>-1</sup> ]	CL	FH	M	11	19.98	11.04	Multiple	1	0.61	52.37	3.72	40.97	1.24	44.89	353.954	18.814	94.147	0.666	-1.140
BC [meq.kg <sup>-1</sup> ]	CL	FH	M	11	116.81	106.95	Multiple	1	20.75	301.00	75.55	137.02	50.62	162.44	5328.740	72.998	62.494	1.596	3.991
BS [%]	CL	FH	M	11	70.85	75.03	Multiple	1	27.23	97.12	63.49	86.86	39.47	89.01	452.339	21.268	30.020	-1.052	0.567
Ca <sup>2+</sup> [meq.kg <sup>-1</sup> ]	CL	FH	M	11	92.37	88.60	Multiple	1	14.55	242.84	55.35	103.81	35.89	134.64	3575.848	59.798	64.737	1.584	3.930
CEC [meq.kg <sup>-1</sup> ]	CL	FH	M	11	153.48	145.34	Multiple	1	76.20	309.94	126.66	159.06	113.34	182.50	3481.085	59.001	38.442	1.954	5.506
Cox [%]	CL	FH	M	10	18.75	19.79	Multiple	1	5.21	32.12	14.21	21.77	7.24	30.31	65.609	8.100	43.203	-0.023	-0.117
EA [meq.kg <sup>-1</sup> ]	CL	FH	M	11	36.67	36.30	Multiple	1	8.94	77.62	20.73	55.45	20.06	57.08	399.537	19.988	54.510	0.782	0.281
Fe <sup>3+</sup> [meq.kg <sup>-1</sup> ]	CL	FH	M	11	0.81	0.55	,1520000	2	0.15	3.38	0.21	0.70	0.15	1.66	0.898	0.948	117.095	2.384	5.952
K <sup>+</sup> [meq.kg <sup>-1</sup> ]	CL	FH	M	11	7.27	6.75	Multiple	1	2.19	12.79	4.91	8.70	4.76	12.41	10.585	3.254	44.775	0.491	-0.242
Mg <sup>2+</sup> [meq.kg <sup>-1</sup> ]	CL	FH	M	11	15.35	11.20	Multiple	1	3.40	43.22	9.10	18.81	8.74	25.42	120.214	10.964	71.431	1.858	3.944
Mn <sup>2+</sup> [meq.kg <sup>-1</sup> ]	CL	FH	M	11	9.00	6.91	Multiple	1	2.69	20.87	3.68	15.55	3.26	18.08	40.146	6.336	70.440	0.957	-0.469
Na <sup>+</sup> [meq.kg <sup>-1</sup> ]	CL	FH	M	11	1.82	2.27	Multiple	1	0.50	3.31	0.98	2.52	0.61	2.54	0.919	0.969	52.638	-0.074	-1.559
pH/BaCl <sub>2</sub>	CL	FH	M	11	3.52	3.39	3,500000	2	2.85	4.68	3.13	3.86	2.94	4.31	0.316	0.562	15.978	1.041	0.337
pH/CaCl <sub>2</sub>	CL	FH	M	11	3.67	3.48	Multiple	1	3.07	4.72	3.31	3.96	3.30	4.23	0.231	0.480	13.095	1.133	1.005
pH/H <sub>2</sub> O	CL	FH	M	11	4.63	4.50	Multiple	1	3.98	5.71	4.28	4.94	4.20	5.28	0.264	0.514	11.094	0.976	0.487
Al <sup>3+</sup> [meq.kg <sup>-1</sup> ]	JE	A	K	10	57.91	51.52	Multiple	1	20.38	92.96	47.16	75.70	31.00	85.63	463.952	21.540	37.194	0.001	-0.368
BC [meq.kg <sup>-1</sup> ]	JE	A	K	10	22.01	21.00	Multiple	1	8.82	48.06	14.84	23.47	9.66	39.27	125.714	11.212	50.953	1.385	2.795
BS [%]	JE	A	K	10	24.49	20.44	Multiple	1	9.90	64.74	14.42	27.67	12.00	48.24	246.950	15.587	63.638	2.196	5.633

Variable	Lokalita	Horizon type	Habitat	Valid N	Mean	Median	Mode	Frequency of mode	Minimum	Maximum	Lower quartile	Upper quartile	Percentile 10%	Percentile 90%	Variance	Std.Dev.	Coef.Var.	Skewness	Kurtosis
Na <sup>+</sup> [meq.kg <sup>-1</sup> ]	JE	A	M	11	1.45	1.38	Multiple	1	1.11	2.20	1.22	1.64	1.19	1.69	0.097	0.311	21.514	1.480	2.591
pH/BaCl <sub>2</sub>	JE	A	M	11	3.70	3.72	3,830000	2	3.34	3.90	3.63	3.84	3.36	3.89	0.038	0.196	5.289	-1.001	0.015
pH/CaCl <sub>2</sub>	JE	A	M	11	4.15	4.16	4,010000	2	3.50	4.67	3.95	4.47	3.52	4.58	0.159	0.399	9.610	-0.511	-0.774
pH/H <sub>2</sub> O	JE	A	M	11	5.02	5.01	5,430000	3	4.30	5.43	4.68	5.43	4.42	5.43	0.172	0.414	8.254	-0.602	-0.956
Al <sup>3+</sup> [meq.kg <sup>-1</sup> ]	JE	B	M	16	5.27	4.54	Multiple	1	2.02	9.93	3.32	7.06	2.24	9.74	6.698	2.588	49.116	0.747	-0.632
BC [meq.kg <sup>-1</sup> ]	JE	B	M	16	37.99	31.18	Multiple	1	7.18	111.24	22.05	50.60	13.92	59.48	625.149	25.003	65.812	1.699	4.119
BS [%]	JE	B	M	16	78.63	82.68	Multiple	1	40.40	93.44	71.97	89.31	54.03	92.16	221.267	14.875	18.918	-1.453	1.761
Ca <sup>2+</sup> [meq.kg <sup>-1</sup> ]	JE	B	M	16	29.43	23.65	Multiple	1	4.26	95.81	16.51	38.90	7.16	44.57	476.293	21.824	74.145	1.916	5.217
CEC [meq.kg <sup>-1</sup> ]	JE	B	M	16	45.53	41.11	45,86000	2	1.28	119.05	29.43	55.62	25.65	66.15	591.442	24.320	53.415	1.911	5.010
Cox [%]	JE	B	M	16	1.52	1.24	Multiple	1	0.48	5.67	0.56	1.93	0.50	2.71	1.692	1.301	85.576	2.355	6.889
EA [meq.kg <sup>-1</sup> ]	JE	B	M	16	7.54	6.83	6,830000	2	4.48	11.84	5.53	9.71	4.53	11.79	6.421	2.534	33.618	0.522	-0.895
Fe <sup>3+</sup> [meq.kg <sup>-1</sup> ]	JE	B	M	16	0.06	0.06	,0590000	16	0.06	0.06	0.06	0.06	0.06	0.06	0.000	0.000	0.000		
K <sup>+</sup> [meq.kg <sup>-1</sup> ]	JE	B	M	16	1.11	1.01	Multiple	1	0.59	1.95	0.74	1.45	0.66	1.77	0.176	0.420	37.393	0.640	-0.652
Mg <sup>2+</sup> [meq.kg <sup>-1</sup> ]	JE	B	M	16	6.15	4.95	Multiple	1	1.34	12.97	3.49	8.42	2.29	12.55	13.402	3.661	59.561	0.729	-0.626
Mn <sup>2+</sup> [meq.kg <sup>-1</sup> ]	JE	B	M	16	0.44	0.34	Multiple	1	0.07	1.04	0.13	0.77	0.10	0.94	0.113	0.336	76.308	0.526	-1.309
Na <sup>+</sup> [meq.kg <sup>-1</sup> ]	JE	B	M	16	1.30	1.15	Multiple	1	0.81	3.79	0.95	1.33	0.89	1.67	0.487	0.698	53.476	3.352	12.302
pH/BaCl <sub>2</sub>	JE	B	M	16	3.88	3.88	3,880000	3	3.80	3.98	3.85	3.91	3.81	3.93	0.002	0.047	1.213	0.314	0.261
pH/CaCl <sub>2</sub>	JE	B	M	16	4.34	4.36	Multiple	1	3.92	4.61	4.23	4.48	4.13	4.54	0.033	0.180	4.155	-0.687	0.477
pH/H <sub>2</sub> O	JE	B	M	16	5.34	5.35	Multiple	1	4.95	5.68	5.18	5.51	5.03	5.59	0.045	0.212	3.969	-0.245	-0.723
Al <sup>3+</sup> [meq.kg <sup>-1</sup> ]	JE	FH	M	10	5.60	5.52	Multiple	1	0.53	13.41	0.94	8.93	0.63	11.73	18.697	4.324	77.210	0.428	-0.630
BC [meq.kg <sup>-1</sup> ]	JE	FH	M	10	286.51	264.60	Multiple	1	201.52	426.42	245.78	344.50	218.72	393.68	4723.799	68.730	23.989	1.051	0.445
BS [%]	JE	FH	M	10	93.02	92.20	Multiple	1	87.52	98.27	91.37	95.88	88.69	98.11	11.702	3.421	3.677	0.283	-0.455
Ca <sup>2+</sup> [meq.kg <sup>-1</sup> ]	JE	FH	M	10	243.79	221.49	Multiple	1	165.09	374.02	210.18	299.17	183.13	338.54	3874.751	62.247	25.533	1.109	0.805
CEC [meq.kg <sup>-1</sup> ]	JE	FH	M	10	306.07	287.05	Multiple	1	230.26	433.94	266.66	359.32	246.41	401.23	3820.098	61.807	20.194	1.087	0.618
Cox [%]	JE	FH	M	10	24.90	27.23	Multiple	1	1.03	32.42	24.33	29.46	11.35	31.45	41.05	9.447	35.935	-2.486	6.889
EA [meq.kg <sup>-1</sup> ]	JE	FH	M	10	19.56	21.23	Multiple	1	7.52	28.74	14.82	24.68	7.55	27.69	54.332	7.371	37.690	-0.782	-0.455
Fe <sup>3+</sup> [meq.kg <sup>-1</sup> ]	JE	FH	M	10	0.62	0.44	,0590000	2	0.06	1.73	0.13	0.88	0.06	1.65	0.372	0.610	98.279	1.031	-0.174
K <sup>+</sup> [meq.kg <sup>-1</sup> ]	JE	FH	M	10	13.50	13.59	Multiple	1	10.62	15.60	12.19	15.01	11.28	15.46	3.136	1.771	13.117	-0.251	-1.624
Mg <sup>2+</sup> [meq.kg <sup>-1</sup> ]	JE	FH	M	10	27.36	25.93	Multiple	1	20.44	41.71	23.12	28.62	20.77	38.99	45.963	6.780	24.782	1.310	1.162
Mn <sup>2+</sup> [meq.kg <sup>-1</sup> ]	JE	FH	M	10	8.35	8.44	Multiple	1	4.40	14.69	5.53	10.66	4.44	13.24	11.506	3.392	40.605	0.528	-0.462
Na <sup>+</sup> [meq.kg <sup>-1</sup> ]	JE	FH	M	10	1.86	1.71	Multiple	1	1.12	4.25	1.37	1.79	1.20	3.20	0.794	0.891	47.841	2.524	7.113
pH/BaCl <sub>2</sub>	JE	FH	M	10	3.53	3.56	Multiple	1	3.09	4.13	3.25	3.65	3.16	4.05	0.111	0.333	9.434	0.513	-0.498
pH/CaCl <sub>2</sub>	JE	FH	M	10	4.03	4.04	Multiple	1	3.45	4.79	3.61	4.19	3.53	4.79	0.224	0.473	11.743	0.612	-0.650
pH/H <sub>2</sub> O	JE	FH	M	10	4.99	4.92	Multiple	1	4.51	5.69	4.66	5.17	4.56	5.65	0.164	0.406	8.136	0.806	-0.405
Al <sup>3+</sup> [meq.kg <sup>-1</sup> ]	KR	A	K	11	23.18	29.24	,2580000	2	0.26	34.89	10.54	33.15	0.26	34.21	172.036	13.116	56.573	-1.150	-0.277
BC [meq.kg <sup>-1</sup> ]	KR	A	K	11	80.53	39.09	31,23000	2	27.89	383.29	31.23	48.95	28.87	173.70	1182.017	108.729	135.017	2.637	7.005
BS [%]	KR	A	K	11	54.75	47.52	Multiple	1	35.46	98.40	38.73	61.11	38.45	94.58	479.393	21.895	39.988	1.477	0.986
Ca <sup>2+</sup> [meq.kg <sup>-1</sup> ]	KR	A	K	11	65.05	26.78	Multiple	1	16.62	334.74	21.06	39.11	19.46	147.28	9367.990	96.788	148.788	2.640	7.031
CEC [meq.kg <sup>-1</sup> ]	KR	A	K	11	117.77	82.26	Multiple	1	68.49	389.53	75.08	93.81	73.30	183.66	9131.411	95.558	81.141	2.778	7.915
Cox [%]	KR	A	K	11	7.37	7.40	Multiple	1	4.29	11.27	5.15	8.96	5.09	9.94	4.814	2.194	29.788	0.315	-0.751
EA [meq.kg <sup>-1</sup> ]	KR	A	K	11	37.24	43.17	Multiple	1	6.24	50.76	28.51	49.41	9.96	50.10	246.619	15.768	42.343	-1.333	0.513
Fe <sup>3+</sup> [meq.kg <sup>-1</sup> ]	KR	A	K	11	0.97	0.25	,0590000	4	0.06	3.06	0.06	2.12	0.06	2.44	1.236	1.112	115.136	0.899	-0.692
K <sup>+</sup> [meq.kg <sup>-1</sup> ]	KR	A	K	11	5.69	4.20	Multiple	1	3.01	17.65	3.68	5.25	3.15	7.94	17.515	4.185	73.553	2.775	8.151
Mg <sup>2+</sup> [meq.kg <sup>-1</sup> ]	KR	A	K	11	9.15	5.57	Multiple	1	3.25	30.58	3.62	11.54	3.42	20.68	76.491	8.746	95.616	1.930	3.134
Mn <sup>2+</sup> [meq.kg <sup>-1</sup> ]	KR	A	K	11	6.34	4.77	Multiple	1	0.54	14.70	2.14	8.50	1.66	14.10	22.148	4.706	74.249	0.796	-0.237
Na <sup>+</sup> [meq.kg <sup>-1</sup> ]	KR	A	K	11	0.64	0.41	Multiple	1	0.16	2.54	0.29	0.82	0.28	1.03	0.462	0.880	105.717	2.577	7.147
pH/BaCl <sub>2</sub>	KR	A	K	11	3.41	3.38	3,130000	2	3.03	4.06	3.13	3.62	3.05	4.01	0.128	0.358	10.507	0.973	-0.081
pH/CaCl <sub>2</sub>	KR	A	K	11	3.78	3.50	Multiple	1	3.19	5.34	3.34	4.11	3.21	4.92	0.519	0.720	19.070	1.547	1.298
pH/H <sub>2</sub> O	KR	A	K	11	4.45	4.12	Multiple	1	3.94	5.87	3.97	4.83	3.96	5.49	0.443	0.665	14.960	1.476	1.011
Al <sup>3+</sup> [meq.kg <sup>-1</sup> ]	KR	B	K	12	30.49	31.29	Multiple	1	13.21	43.99	27.98	34.07	22.16	37.34	58.830	7.670	25.156	-0.703	1.888
BC [meq.kg <sup>-1</sup> ]	KR	B	K	12	11.46	8.23	Multiple	1	4.34	27.73	6.88	16.64	6.00	20.08	51.344	7.165	62.535	1.294	0.891
BS [%]	KR	B	K	12	23.70	17.60	Multiple	1	10.52	48.87	14.95	34.83	11.58	42.10	169.947	13.036	55.013	0.987	-0.511
Ca <sup>2+</sup> [meq.kg <sup>-1</sup> ]	KR	B	K	12	7.54	5.14	Multiple	1	2.01	20.98	3.33	11.29	3.24	14.46	33.755	5.810	77.055	1.374	1.206
CEC [meq.kg <sup>-1</sup> ]	KR	B	K	12	47.69	45.92	Multiple	1	36.04	65.86	40.95	51.43	38.02	59.97	37.985	8.831	18.518	0.769	0.211
Cox [%]	KR	B	K	12	1.68	1.49	Multiple	1	0.88	3.01	1.23	2.06	0.89	2.48	0.419	0.647	38.477	0.703	-0.031
EA [meq.kg <sup>-1</sup> ]	KR	B	K	12	36.23	36.66	Multiple	1	18.43	53.03	32.91	38.89	31.05	42.53	64.537	8.033	22.174	-0.183	2.895
Fe <sup>3+</sup> [meq.kg <sup>-1</sup> ]	KR	B	K	12	0.56	0.26	,0590000	4	0.06	2.33	0.06	0.77	0.06	1.50	0.511	0.715	128.559	1.758	2.611
K <sup>+</sup> [meq.kg <sup>-1</sup> ]	KR	B	K	12	2.00	1.62	Multiple	1	1.09	3.79	1.36	2.62	1.27	3.22	0.806	0.898	44.958	1.094	-0.183
Mg <sup>2+</sup> [meq.kg <sup>-1</sup> ]	KR	B	K	12	1.38	1.14	Multiple	1	0.58	2.86	0.93	1.68	0.85	2.40	0.455	0.675	48.804	1.201	0.855
Mn <sup>2+</sup> [meq.kg <sup>-1</sup> ]	KR	B	K	12	1.26	0.96	Multiple	1	0.08	5.33	0.22	1.76	0.12	2.03	2.143	1.464	116.356	2.159	5.647
Na <sup>+</sup> [meq.kg <sup>-1</sup> ]	KR	B	K	12	0.54	0.45	Multiple	1	0.23	1.80	0.31	0.56	0.27	0.69	0.176	0.420	77.840	2.814	8.774
pH/BaCl <sub>2</sub>	KR	B	K	12	3.54	3.57	Multiple	2	3.31	3.63	3.51	3.61	3.43	3.62	0.009	0.093	2.620	-1.618	2.663
pH/CaCl <sub>2</sub>	KR	B	K	12	3.56	3.57	3,520000	2	3.29	3.81	3.52	3.63	3.45	3.70	0.017	0.129	3.614	-0.231	1.616
pH/H <sub>2</sub> O	KR	B	K	12	4.19	4.20	Multiple	1	3.82	4.74	4.03	4.32	3.96	4.41	0.059	0.244	5.816	0.782	1.167
Al <sup>3+</sup> [meq.kg <sup>-1</sup> ]	KR	FH	K	11	1.87	0.26	,2580000	6	0.26	8.52	0.26	1.15	0.26	7.51	9.398	3.066	163.912	1.894	2.085
BC [meq.kg <sup>-1</sup> ]	KR</																		

Variable	Lokalita	Horizon type	Habitat	Valid N	Mean	Median	Mode	Frequency of mode	Minimum	Maximum	Lower quartile	Upper quartile	Percentile 10%	Percentile 90%	Variance	Std.Dev.	Coef.Var.	Skewness	Kurtosis
Mg <sup>2+</sup> [meq.kg <sup>-1</sup> ]	KR	FH	M	11	57.73	55.04	Multiple	1	36.36	87.90	40.85	77.05	39.48	78.01	290.460	17.043	29.523	0.532	-0.806
Mn <sup>2+</sup> [meq.kg <sup>-1</sup> ]	KR	FH	M	11	13.62	11.60	Multiple	1	4.16	28.32	6.34	22.92	4.85	23.64	69.535	8.339	61.220	0.573	-1.000
Na <sup>+</sup> [meq.kg <sup>-1</sup> ]	KR	FH	M	11	0.67	0.61	Multiple	1	0.40	1.05	0.49	0.87	0.48	0.93	0.043	0.208	30.791	0.555	-0.814
pH/BaCl <sub>2</sub>	KR	FH	M	11	4.28	4.16	3,910000	2	3.91	5.51	4.01	4.34	3.91	4.61	0.209	0.457	10.686	2.266	5.779
pH/CaCl <sub>2</sub>	KR	FH	M	11	5.23	5.12	Multiple	1	4.61	6.44	4.76	5.69	4.75	5.61	0.292	0.540	10.337	1.199	1.293
pH/H <sub>2</sub> O	KR	FH	M	11	5.88	5.67	Multiple	1	5.29	7.33	5.51	6.23	5.38	6.31	0.337	0.580	9.873	1.742	3.501
Al <sup>3+</sup> [meq.kg <sup>-1</sup> ]	MK	A	K	12	22.44	22.90	Multiple	1	7.52	35.69	13.63	31.24	9.18	32.89	93.855	9.688	43.175	-0.274	-1.310
BC [meq.kg <sup>-1</sup> ]	MK	A	K	12	41.72	39.71	Multiple	1	23.45	69.00	31.05	49.33	24.15	63.70	209.615	14.478	34.703	0.886	-0.269
BS [%]	MK	A	K	12	57.50	51.04	Multiple	1	45.87	75.41	48.08	68.69	47.80	72.00	125.414	11.199	19.477	0.535	-1.669
Ca <sup>2+</sup> [meq.kg <sup>-1</sup> ]	MK	A	K	12	30.20	28.31	Multiple	1	15.34	54.33	21.16	37.20	15.92	46.64	146.029	12.084	40.011	0.739	-0.091
CEC [meq.kg <sup>-1</sup> ]	MK	A	K	12	71.85	75.59	Multiple	1	48.61	103.33	54.66	84.06	50.44	88.48	299.536	17.307	24.087	0.120	-0.821
Cox [%]	MK	A	K	10	4.16	4.05	Multiple	1	1.18	6.16	3.67	5.39	2.02	6.00	2.150	1.466	35.272	-0.617	0.754
EA [meq.kg <sup>-1</sup> ]	MK	A	K	12	30.13	30.85	42,00000	2	14.31	42.00	23.79	37.86	17.67	42.00	86.627	9.307	30.888	-0.254	-1.055
Fe <sup>3+</sup> [meq.kg <sup>-1</sup> ]	MK	A	K	12	0.55	0.28	,0650000	5	0.07	2.39	0.07	0.71	0.07	1.33	0.495	0.703	127.291	1.901	3.774
K <sup>+</sup> [meq.kg <sup>-1</sup> ]	MK	A	K	12	2.69	2.72	Multiple	1	0.97	4.63	1.93	3.52	1.23	3.91	1.212	1.101	40.937	0.102	-0.656
Mg <sup>2+</sup> [meq.kg <sup>-1</sup> ]	MK	A	K	12	5.65	5.41	Multiple	1	3.32	11.15	4.27	5.72	4.10	8.37	4.600	2.145	37.936	1.805	3.513
Mn <sup>2+</sup> [meq.kg <sup>-1</sup> ]	MK	A	K	12	5.54	5.02	Multiple	1	1.12	14.85	3.22	6.50	1.53	9.47	14.060	3.750	67.626	1.411	2.703
Na <sup>+</sup> [meq.kg <sup>-1</sup> ]	MK	A	K	12	3.18	3.10	Multiple	1	2.76	3.98	2.98	3.32	2.97	3.39	0.096	0.310	9.757	1.591	3.683
pH/BaCl <sub>2</sub>	MK	A	K	12	3.93	3.89	3,860000	3	3.67	4.23	3.82	4.05	3.73	4.15	0.029	0.169	4.302	0.304	-0.609
pH/CaCl <sub>2</sub>	MK	A	K	12	3.74	3.75	3,690000	2	3.02	4.30	3.66	3.84	3.53	4.01	0.090	0.301	8.045	-0.699	3.148
pH/H <sub>2</sub> O	MK	A	K	12	4.08	4.10	4,200000	2	3.71	4.47	3.92	4.22	3.83	4.28	0.046	0.215	5.270	-0.093	-0.285
Al <sup>3+</sup> [meq.kg <sup>-1</sup> ]	MK	B	K	13	19.81	21.73	Multiple	1	1.83	27.71	17.35	24.99	13.68	25.75	46.448	6.815	34.400	-1.584	3.305
BC [meq.kg <sup>-1</sup> ]	MK	B	K	13	24.00	18.22	16,36000	2	13.65	45.08	16.36	29.57	13.89	40.09	112.659	10.614	44.224	0.916	-0.470
BS [%]	MK	B	K	13	51.88	48.10	Multiple	1	35.81	94.01	38.25	58.76	37.64	65.22	265.053	16.280	31.380	1.480	2.752
Ca <sup>2+</sup> [meq.kg <sup>-1</sup> ]	MK	B	K	13	16.24	11.87	Multiple	1	8.33	31.66	10.61	21.41	8.55	31.16	67.779	8.233	50.688	0.990	-0.289
CEC [meq.kg <sup>-1</sup> ]	MK	B	K	13	45.36	43.33	Multiple	1	28.39	71.39	40.80	49.23	34.79	54.07	110.182	10.497	23.141	0.985	2.528
Cox [%]	MK	B	K	13	0.70	0.66	Multiple	1	0.17	1.25	0.30	1.11	0.19	1.25	0.167	0.409	58.658	0.157	-1.565
EA [meq.kg <sup>-1</sup> ]	MK	B	K	13	21.36	22.43	Multiple	1	2.56	30.18	18.81	26.31	14.73	27.77	51.833	7.200	33.707	-1.510	3.096
Fe <sup>3+</sup> [meq.kg <sup>-1</sup> ]	MK	B	K	13	0.40	0.07	,0650000	7	0.07	1.28	0.07	0.66	0.07	1.19	0.217	0.466	115.749	1.058	-0.490
K <sup>+</sup> [meq.kg <sup>-1</sup> ]	MK	B	K	13	0.92	0.93	Multiple	1	0.48	1.36	0.74	1.09	0.64	1.24	0.069	0.262	28.378	0.025	-0.863
Mg <sup>2+</sup> [meq.kg <sup>-1</sup> ]	MK	B	K	13	3.88	2.41	Multiple	1	1.73	9.64	2.13	4.27	1.90	8.33	6.665	2.582	66.465	1.388	0.994
Mn <sup>2+</sup> [meq.kg <sup>-1</sup> ]	MK	B	K	13	0.28	0.25	Multiple	1	0.05	0.90	0.11	0.30	0.06	0.45	0.051	0.226	81.514	1.793	4.349
Na <sup>+</sup> [meq.kg <sup>-1</sup> ]	MK	B	K	13	2.95	2.97	2,800000	2	2.77	3.23	2.80	3.05	2.79	3.14	0.025	0.157	5.324	0.374	-1.284
pH/BaCl <sub>2</sub>	MK	B	K	13	4.14	4.10	Multiple	2	4.02	4.49	4.07	4.15	4.04	4.24	0.015	0.123	2.968	2.270	5.965
pH/CaCl <sub>2</sub>	MK	B	K	13	3.84	3.80	3,800000	2	3.66	4.49	3.70	3.88	3.68	3.91	0.045	0.213	5.545	2.693	8.476
pH/H <sub>2</sub> O	MK	B	K	13	4.14	4.17	Multiple	1	3.82	4.64	3.95	4.28	3.87	4.40	0.058	0.240	5.795	0.543	-0.236
Al <sup>3+</sup> [meq.kg <sup>-1</sup> ]	MK	FH	K	10	0.33	0.28	,2830000	9	0.28	0.71	0.28	0.28	0.28	0.50	0.019	0.136	41.795	3.162	10.000
BC [meq.kg <sup>-1</sup> ]	MK	FH	K	10	224.54	208.24	Multiple	1	172.95	319.45	198.13	247.64	179.69	289.17	1936.031	44.000	19.596	1.098	1.113
BS [%]	MK	FH	K	10	94.11	95.29	Multiple	1	87.66	98.00	92.52	95.57	88.83	97.59	10.252	3.202	3.402	-1.032	0.533
Ca <sup>2+</sup> [meq.kg <sup>-1</sup> ]	MK	FH	K	10	184.08	170.92	Multiple	1	136.54	266.07	154.65	208.23	145.07	243.25	1587.767	39.847	21.646	0.944	0.416
CEC [meq.kg <sup>-1</sup> ]	MK	FH	K	10	238.59	220.96	Multiple	1	192.16	328.74	202.17	271.34	193.62	305.62	2071.844	45.515	19.077	0.876	-0.152
Cox [%]	MK	FH	K	10	14.00	14.24	Multiple	1	9.62	19.56	12.22	15.81	10.00	17.75	8.224	2.868	20.488	0.285	0.608
EA [meq.kg <sup>-1</sup> ]	MK	FH	K	10	14.05	11.40	Multiple	1	4.04	34.86	9.29	16.02	6.35	27.04	72.145	8.494	60.459	1.763	4.053
Fe <sup>3+</sup> [meq.kg <sup>-1</sup> ]	MK	FH	K	10	0.33	0.17	,0650000	4	0.07	1.25	0.07	0.42	0.07	1.01	0.154	0.392	120.116	1.815	2.843
K <sup>+</sup> [meq.kg <sup>-1</sup> ]	MK	FH	K	10	10.23	10.39	Multiple	1	5.85	15.35	8.15	12.01	6.70	14.31	8.105	2.847	27.838	0.312	-0.251
Mg <sup>2+</sup> [meq.kg <sup>-1</sup> ]	MK	FH	K	10	26.69	27.23	Multiple	1	18.09	34.52	23.52	28.73	19.73	33.02	22.511	4.745	17.778	-0.277	0.267
Mn <sup>2+</sup> [meq.kg <sup>-1</sup> ]	MK	FH	K	10	13.16	10.50	Multiple	1	3.63	33.57	8.19	15.50	5.61	25.97	70.278	8.383	63.686	1.736	3.822
Na <sup>+</sup> [meq.kg <sup>-1</sup> ]	MK	FH	K	10	3.54	3.46	Multiple	1	3.29	4.03	3.36	3.59	3.30	3.99	0.067	0.260	7.329	1.170	0.236
pH/BaCl <sub>2</sub>	MK	FH	K	10	4.88	4.91	Multiple	1	4.14	5.70	4.55	5.15	4.31	5.50	0.209	0.458	9.384	0.201	-0.183
pH/CaCl <sub>2</sub>	MK	FH	K	10	4.80	4.78	Multiple	1	4.24	5.20	4.64	5.02	4.42	5.17	0.080	0.282	5.882	-0.446	0.709
pH/H <sub>2</sub> O	MK	FH	K	10	5.18	5.17	5,170000	2	4.38	5.68	5.02	5.40	4.67	5.64	0.138	0.372	7.173	-0.861	1.526
Al <sup>3+</sup> [meq.kg <sup>-1</sup> ]	MK	A	M	12	17.86	13.93	Multiple	1	4.34	71.79	9.28	16.88	5.66	25.48	320.933	17.915	100.321	2.871	9.017
BC [meq.kg <sup>-1</sup> ]	MK	A	M	12	175.27	171.89	Multiple	1	59.00	361.07	105.75	226.69	89.28	253.94	7969.680	89.273	50.934	0.623	-0.157
BS [%]	MK	A	M	12	85.00	86.98	Multiple	1	61.03	96.58	79.53	92.67	71.79	96.09	113.471	10.652	12.532	-1.101	0.927
Ca <sup>2+</sup> [meq.kg <sup>-1</sup> ]	MK	A	M	12	157.52	151.19	Multiple	1	52.14	331.54	91.04	208.10	73.61	232.91	7119.614	84.378	53.565	0.616	-0.292
CEC [meq.kg <sup>-1</sup> ]	MK	A	M	12	200.57	220.31	Multiple	1	74.39	375.77	125.07	244.65	124.27	277.10	7302.250	85.453	42.606	0.443	-0.025
Cox [%]	MK	A	M	12	12.12	13.24	Multiple	1	2.88	19.27	10.04	14.36	8.08	15.02	17.093	4.134	34.121	-0.703	1.555
EA [meq.kg <sup>-1</sup> ]	MK	A	M	12	25.29	19.56	Multiple	1	8.13	79.22	15.47	27.00	14.70	35.08	338.063	18.386	72.690	2.615	7.807
Fe <sup>3+</sup> [meq.kg <sup>-1</sup> ]	MK	A	M	12	0.46	0.22	,0650000	6	0.07	1.85	0.07	0.78	0.07	0.88	0.296	0.544	119.197	1.678	3.053
K <sup>+</sup> [meq.kg <sup>-1</sup> ]	MK	A	M	12	2.11	2.07	Multiple	1	0.95	3.23	1.41	2.84	1.13	3.17	0.645	0.803	37.990	0.024	-1.483
Mg <sup>2+</sup> [meq.kg <sup>-1</sup> ]	MK	A	M	12	12.27	12.56	Multiple	1	2.81	23.51	9.84	14.85	5.09	15.66	28.119	5.303	43.206	0.185	1.337
Mn <sup>2+</sup> [meq.kg <sup>-1</sup> ]	MK	A	M	12	5.95	7.11	Multiple	1	1.06	10.39	3.33	8.14	1.43	8.34	9.023	3.004	50.481	-0.463	-1.001
Na <sup>+</sup> [meq.kg <sup>-1</sup> ]	MK	A	M	12	3.36	3.27	Multiple	1	3.01	4.01	3.15	3.53	3.09	3.72	0.086	0.294	8.753	1.107	0.815
pH/BaCl <sub>2</sub>	MK	A	M	12	4.15	4.18	4,210000	2	3.50	4.51	4.08	4.27	4.00	4.42	0.063	0.252	6.056	-1.474	4.023
pH/CaCl <sub>2</sub>	MK	A	M	12	4.24	4.38	4,380000	2	3.39	4.78	4.14	4.47	3.63	4.54					