

Table S1. Assigned soil physical scores undertaken independently by C. A. Quesada, M. G. Hodnett and R. Herrera with all three assessors using the same soil descriptions.

	Depth	Structure	Topo	Anox	Depth	Structure	Topo	Anox	Depth	Structure	Topo	Anox	II R. Herrera	II M. Hodnett	II C. A. Quesada
	R. Herrera				M. Hodnett				C.A. Quesada						
AGP-01	2	1	2	2	2	3	1	3	2	2	2	1	7	9	7
AGP-02	2	1	2	2	2	3	1	3	2	2	2	1	7	9	7
ALF-01	3	3	0	0					0	3	0	0	6		3
ALP-03	4	1	0	0					0	1	0	0	5		1
ALP-11	3	1	3	3					1	3	3	0	10		7
ALP-12	2	1	3	2					3	3	0	3	8		9
ALP-21	0	2	2	1					0	1	3	3	5		7
ALP-22	0	2	3	2					0	3	3	0	7		6
BNT-04	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0
BOG-01	3	3	4	0	1	3	4	0	3	2	3	0	10	8	8
BOG-02	3	3	3	0	1	1	3	0	3	2	4	0	9	5	9
CAX-01	0		1	0	0	0	0	0	0	0	0	0	1	0	0
CAX-02	0		1	0	0	0	0	0	0	0	0	0	1	0	0
CHO-01	0	2		0	0	0		0	0	2	0	0	2	0	2
CUZ-03	3	3	1	1					1	4	0	3	8		8
DOI-01	4	4	1	3					1	4	0	1	12		6
DOI-02	4	4	1	3					2	4	0	3	12		9
HCC-21	3	2			3	1	0	0	2	3	0	0	5	4	5
HCC-22	3	2							1	1	0	0	5		2
JAS-02	1	2	3	0	0	2	3	0	2	2	3	0	6	5	7
JAS-03	1	1	1	1	1	2	1	0	1	2	2	0	4	4	5
JAS-04	2	2	3	0	2	2	3	0	2	2	3	0	7	7	7
JAS-05	3	2	0	0					2	2	0	3	5		7
JRI-01	0	1	0	1	0	0	0	0	0	0	0	0	2	0	0
LFB-12	0	1	0	0	0	0		0	0	0	0	0	1	0	0
LOR-01	3	2	2	2	1	2	1	2	1	4	2	1	9	6	8
LOR-02	3	2	2	2	2	2	1	2	2	4	2	1	9	7	9
LSL-12	3	1	3	2	2	3	0	3	2	1	0	4	9	8	7
MAN-12	0	0	1	1					0	0	0	0	2		0

	Depth	Struct	Topo	Anox	Depth	Struct	Topo	Anox	Depth	Struct	Topo	Anox	Π R. Herrera	Π M. Hodnett	Π C. A. Quesada
		R. Herrera				M. Hodnett				C.A. Quesada					
POR-02	2	1	2	1					3	2	2	0	6		7
RST-01	1	2	3	0					0	0	3	0	6		3
SIN-01	1	3	1	0					0	1	0	0	5		1
SUC-01	3	2	3	1					0	2	3	1	9		6
SUC-02	2	2	4	1					0	3	4	0	9		7
TAM-01	1	2	1	0					0	3	1	0	4		4
TAM-02	2	1	1	0					2	4	0	0	4		6
TAM-04	3	2	1	4					1	3	0	3	10		7
TAM-05	2	2	0	1					1	3	0	1	5		5
TAM-06	3	3	3	1					1	4	3	1	10		9
TAM-07	3	3	1	0					0	2	1	0	7		3
TAP-04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TAP-123	0	1	1	0	0	0	0	0	0	0	0	0	2	0	0
TIP-03	4	2	0	3	3	3	0	3	1	4	0	3	9	9	8
YAN-01	2	2	2	1					0	3	3	1	7		7
YAN-02	2	2	3	2					0	1	2	1	9		4

Table S2 Average chemical and physical properties of Amazonian soils to the depth of 0 to 30 cm. Units for the phosphorus fractions are in mg kg⁻¹, carbon and nitrogen are in %, and δ¹⁵N is in ‰.

PLOT	P _{Resin}	P _{Bic i}	P _{Bic o}	P _{NaOH i}	P _{NaOH o}	P _{HCL}	P _{TE}	P _{R. avail}	P _{Org}	P _{Total}	P _{Residual}	N	C	C:N	δ ¹⁵ N
ACRISOLS															
ALF-01	3.51	3.51	5.27	15.82	18.27	1.23	47.61	12.29	23.54	118.14	70.53	0.12	1.19	10.08	9.12
CAX-01	5.90	2.92	6.83	8.45	9.37	0.82	34.28	15.65	16.19	115.40	81.12	0.08	1.28	16.87	9.58
CAX-02	4.43	1.17	3.36	10.84	8.29	1.13	29.21	8.96	11.65	114.95	85.74	0.07	1.17	16.10	10.95
SCR-01	2.51	3.44	2.10	7.50	17.47	0.48	33.50	8.05	19.57	102.61	67.85	0.11	1.84	17.36	3.47
SCR-05	2.21	1.67	0.80	3.04	5.88	0.28	13.89	4.69	6.68	29.08	10.69	0.11	2.05	18.68	2.82
SUC-02	4.27	5.18	12.18	29.65	34.62	1.28	87.17	21.62	46.80	263.91	172.72	0.17	1.78	10.62	8.44
ALISOLS															
ALP-12	5.00	5.17	9.55	9.75	22.64	0.69	52.80	19.72	32.18	140.91	87.95	0.13	1.71	12.70	6.54
JAS-02	5.02	4.43	10.89	17.49	32.99	1.13	71.97	20.35	43.89	167.26	87.42	0.22	2.15	9.82	7.72
JAS-03	3.81	6.61	14.31	24.29	43.91	0.97	93.90	24.73	58.22	150.89	57.66	0.21	2.09	10.06	7.32
JAS-04	4.55	5.04	10.92	18.66	34.31	0.80	74.28	20.51	45.23	163.46	87.95	0.22	2.40	10.83	6.98
TAM-01	4.44	7.54	21.55	48.88	84.50	9.90	176.81	33.53	106.05	337.13	162.96	0.11	0.82	7.20	7.30
TAM-02	5.55	7.92	25.79	50.20	85.18	5.76	180.39	39.25	110.97	418.49	233.97	0.15	0.98	6.71	7.40
TAM-06	4.66	7.04	21.36	57.68	100.86	22.97	214.57	33.06	122.22	528.80	309.76	0.17	1.20	7.05	6.20
TIP-05	7.57	6.30	21.20	36.26	97.11	2.30	170.73	35.06	118.30	584.79	236.37	0.19	1.74	9.20	7.73
YAN-01	4.70	6.07	15.45	30.64	68.48	3.46	128.80	26.22	83.93	352.75	225.77	0.18	1.57	8.91	5.89
ZAR-04	5.21	0.88	2.51	6.58	5.94	0.91	22.02	8.60	8.44	31.44	9.41	0.10	1.51	15.77	7.14
ANDOSOLS															
SUM-06	15.53	17.75	86.01	148.59	470.21	14.00	752.11	119.30	556.22	968.16	216.05	0.90	11.99	13.30	6.69
ARENOSOLS															
ALP-21	7.91	1.86	3.04	1.00	8.48	0.70	22.98	12.80	11.52	34.02	13.21	0.06	0.91	14.19	4.27
ALP-30	16.79	1.88	6.11	2.43	8.76	0.60	36.57	24.77	14.86	37.64	0.49	0.08	1.13	13.47	4.59
CAMBISOLS															
BOG-01	6.86	6.51	27.87	32.99	61.16	7.27	142.67	41.24	89.03	415.68	270.74	0.20	1.60	7.96	6.69
BOG-02	8.32	8.23	24.68	36.37	43.44	22.49	143.53	41.23	68.12	412.83	266.95	0.18	1.42	8.03	6.86
CRP-01	21.82	11.22	22.34	96.70	197.20	64.90	414.19	55.38	219.58	697.75	280.33	0.29	3.08	10.75	n/a
CRP-02	10.19	11.58	32.62	188.20	205.60	84.30	532.58	54.39	238.26	639.09	69.37	0.51	6.34	12.51	n/a

CUZ-03	11.45	15.29	19.38	74.21	76.55	82.18	279.07	46.13	95.93	727.02	436.01	0.24	1.84	7.58	5.18
ELD-12	5.34	3.21	3.11	12.52	17.89	0.34	42.41	11.65	21.00	173.59	129.72	0.16	2.62	15.98	7.24
HCC-21	16.42	11.51	22.17	48.74	175.31	1.12	275.27	50.09	197.48	544.63	252.75	0.66	7.06	10.62	6.15
JUR-01	10.55	6.83	13.17	22.27	48.60	12.80	114.21	30.55	61.77	331.93	217.72	0.21	2.28	10.88	8.12
RST-01	8.29	4.87	11.50	15.74	27.08	9.51	76.98	24.66	38.58	240.19	163.21	0.14	1.35	9.90	7.77
TAM-05	6.05	5.70	20.60	22.14	21.37	1.46	77.32	32.34	41.97	256.29	149.28	0.16	1.51	9.37	7.62
TAM-07	4.35	3.49	13.81	21.24	48.29	0.80	91.98	21.65	62.10	178.22	88.61	0.14	1.42	10.38	7.11
YAN-02	2.97	4.98	14.85	44.90	70.49	7.34	145.53	22.81	85.34	477.26	323.42	0.16	1.30	8.34	n/a
ZAR-03	5.93	5.46	4.83	8.78	17.94	0.49	43.44	16.22	22.77	104.14	58.46	0.21	4.16	19.49	5.59
FERRALSOLS															
BNT-04	2.97	0.73	3.57	13.53	4.97	1.05	26.83	7.28	8.55	111.32	84.48	0.16	2.17	13.35	9.72
CAX-06	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.13	1.68	13.15	10.72
CHO-01	6.34	3.69	8.79	6.24	27.14	0.00	52.20	18.82	35.93	120.72	59.62	0.10	1.21	11.68	6.64
CPP-01	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.26	3.44	13.06	8.91
JRI-01	1.30	1.99	6.20	15.07	20.57	0.28	45.42	9.49	26.77	189.13	143.72	0.17	2.27	13.15	8.68
LFB-01	2.97	3.95	4.84	9.40	21.11	0.61	42.88	11.76	25.95	102.78	60.99	0.08	1.08	12.99	5.66
LFB-02	4.22	4.83	5.80	11.87	24.45	0.20	51.36	14.85	30.24	103.86	51.64	0.10	1.42	13.84	5.69
MAN-05	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.11	1.88	16.82	11.14
MAN-12	5.17	1.79	5.95	11.17	7.94	1.26	33.29	12.92	13.89	101.78	68.49	0.15	2.59	17.21	8.16
MBO-01	3.14	4.13	5.98	11.87	16.31	1.28	42.70	13.25	22.28	101.38	58.68	0.25	3.62	14.74	6.23
SIN-01	2.58	5.76	3.59	7.36	10.91	1.20	31.40	11.93	14.51	61.25	29.85	0.08	1.07	14.23	9.18
TAP-04	4.50	5.13	10.45	25.26	21.75	0.64	67.73	20.08	32.19	192.34	124.61	0.17	2.54	15.15	10.88
TAP-123	1.65	3.72	5.44	16.77	6.71	1.33	35.62	10.82	12.15	78.89	43.27	0.12	1.64	13.67	10.83
FLUVISOLS															
JAS-05	15.06	11.86	40.89	62.33	134.76	22.51	287.41	67.81	175.65	668.47	380.49	0.32	2.88	9.05	7.37
GLEYSOLS															
ALP-11	4.11	6.21	13.44	17.54	33.47	0.81	75.57	23.76	46.91	110.30	33.15	0.06	0.68	11.07	n/a
SUC-03	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.74	9.31	12.5	n/a
TAM-04	10.02	10.89	27.86	46.17	76.70	3.53	175.16	48.77	104.56	342.15	175.05	0.14	1.01	7.29	7.51
TIP-03	13.28	13.09	50.28	100.14	100.46	38.72	315.98	76.66	150.74	335.98	257.52	0.24	1.82	7.49	7.00
ZAR-02	6.09	5.87	11.20	25.74	39.78	1.49	90.17	23.16	50.98	105.37	15.20	0.16	2.19	13.71	7.41

LEPTOSOLS															
ELD-34	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.37	4.91	13.36	n/a
LIXISOLS															
RIO-12	3.42	2.84	5.14	12.49	17.88	0.57	42.34	11.39	23.01	178.96	137.20	0.11	1.29	11.43	6.65
NITISOLS															
HCC-22	5.75	5.49	12.03	33.84	105.27	0.49	162.87	23.27	117.30	407.75	231.17	0.45	4.87	10.77	7.12
PLINTHOSOLS															
AGP-01	2.71	3.84	18.81	31.66	72.60	1.56	131.19	25.36	91.41	319.87	179.39	0.15	1.23	8.18	6.10
AGP-02	3.27	3.59	18.58	29.23	66.68	1.44	122.79	25.43	85.26	286.68	158.55	0.16	1.37	8.55	6.02
ALP-22	3.04	4.53	11.23	14.70	28.33	0.80	62.63	18.80	39.55	110.24	47.61	0.16	1.73	10.77	6.70
DOI-01	5.15	4.79	11.24	17.56	34.16	2.26	75.16	21.17	45.40	178.81	103.65	0.10	0.94	9.34	8.91
DOI-02	7.40	5.38	12.22	31.33	61.68	5.97	123.98	24.99	73.90	341.65	217.68	0.15	1.44	9.86	8.18
LOR-01	3.57	4.90	14.30	21.78	41.78	0.90	87.23	22.77	56.09	190.41	99.59	0.14	1.31	9.52	6.58
LOR-02	4.92	4.52	16.99	25.14	47.78	0.81	100.16	26.43	64.77	237.02	129.22	0.17	1.64	9.79	6.55
POR-01	9.35	3.75	11.90	23.85	35.91	15.23	99.99	25.00	47.81	155.84	55.86	0.07	0.75	10.52	9.41
POR-02	6.81	2.71	10.84	17.11	25.90	9.46	72.84	20.36	36.75	136.44	63.60	0.06	0.50	9.04	10.48
SUC-01	4.29	5.11	14.00	32.02	44.48	0.99	100.89	23.40	58.48	305.33	196.05	0.17	1.59	9.35	8.30
PODZOLS															
MAN-03	5.17	1.79	5.95	11.17	7.94	1.26	33.29	12.92	13.89	36.54	7.01	0.05	0.79	15.94	5.68
MAN-04	5.98	0.64	2.59	2.52	3.70	1.45	16.86	9.21	6.29	25.02	8.16	0.08	1.34	17.63	5.24
SCR-04	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.35	8.93	25.82	n/a
ZAR-01	11.14	0.77	2.46	3.97	3.23	1.08	22.63	14.36	5.68	25.65	3.01	0.11	2.43	22.03	2.31
UMBRISOLS															
LSL-01	9.76	8.38	35.12	108.59	258.86	1.69	422.40	53.26	293.98	525.44	90.71	0.52	6.14	11.77	7.13
LSL-02	10.97	7.84	34.03	81.49	186.31	0.69	321.32	52.83	220.34	433.08	90.27	0.53	6.05	11.31	7.51

Complement for Table S2. Exchangeable cations, sum of bases (SB), effective cation exchange capacity (I_E) and total reserve bases (Σ_{RB}) are in $\text{cmol}_c \text{ kg}^{-1}$. Particle size fractions are in %.

Plot	pH	Ca	Mg	K	Na	Al	SB	I_E	Σ_{RB}	sand	clay	silt	depth	struct	topo	anoxic	INDEX - Π
ACRISOLS																	
ALF-01	4.65	1.08	0.31	0.14	0.04	0.46	1.57	2.04	6.68	78.77	11.43	9.80	0	3	0	0	3
CAX-01	4.00	0.07	0.11	0.04	0.08	1.50	0.30	1.81	1.08	64.03	25.35	10.63	0	0	0	0	0
CAX-02	3.96	0.07	0.09	0.03	0.07	1.30	0.26	1.56	1.87	24.18	46.20	29.62	0	0	0	0	0
SCR-01	4.79	0.18	0.04	0.06	0.01	0.92	0.30	1.22	0.65	88.37	8.38	3.26	0	0	2	1	3
SCR-05	5.03	0.06	0.05	0.05	0.01	0.96	0.18	1.13	0.19	88.73	5.38	5.90	0	0	0	1	1
SUC-02	4.42	0.18	0.24	0.11	0.01	3.17	0.54	3.71	22.49	32.36	45.72	21.92	0	3	4	0	7
ALISOLS																	
ALP-12	4.47	0.05	0.03	0.04	0.01	2.33	0.13	2.46	11.47	77.50	9.79	12.71	3	3	0	3	9
JAS-02	4.77	1.30	0.62	0.08	0.04	1.01	2.04	3.05	33.02	41.47	28.91	29.62	2	2	3	0	7
JAS-03	4.49	0.63	0.34	0.08	0.07	1.56	1.11	2.66	33.39	40.19	32.64	27.17	1	2	2	0	5
JAS-04	4.37	0.47	0.28	0.10	0.05	2.34	0.90	3.24	28.82	41.73	30.66	27.61	2	2	3	0	7
TAM-01	4.41	0.24	0.24	0.08	0.01	2.39	0.57	2.96	36.21	17.93	29.19	52.88	0	3	1	0	4
TAM-02	4.32	0.14	0.35	0.20	0.01	2.86	0.70	3.56	57.80	20.12	40.09	39.78	2	4	0	0	6
TAM-06	5.06	2.68	2.16	0.15	0.02	0.67	4.99	5.67	97.83	2.43	45.66	51.91	1	4	3	1	9
TIP-05	4.61	2.16	1.10	0.10	0.02	1.72	3.38	5.09	44.18	43.00	34.02	22.98	0	3	1	0	4
YAN-01	5.20	5.34	1.28	0.22	0.04	2.33	6.88	9.21	43.00	32.20	27.49	40.32	0	3	3	1	7
ZAR-04	4.13	0.06	0.06	0.07	0.05	2.35	0.24	2.60	8.01	58.05	20.25	21.70	1	2	1	0	4
ANDOSOLS																	
SUM-06	4.71	0.89	0.49	0.24	0.06	2.37	1.68	4.05	95.19	30.27	21.81	47.92	2	0	2	0	4
ARENOSOLS																	
ALP-21	4.14	0.06	0.07	0.04	0.00	0.23	0.17	0.40	1.30	93.68	2.55	3.77	0	1	3	3	7
ALP-30	4.07	0.26	0.10	0.06	0.00	0.06	0.42	0.49	0.41	82.00	2.31	15.69	0	1	0	0	1
CAMBISOLS																	
BOG-01	4.63	6.65	2.06	0.21	0.06	3.48	8.98	12.47	83.50	36.45	28.53	35.02	3	2	3	0	8
BOG-02	4.95	5.98	1.63	0.14	0.03	0.69	7.79	8.48	92.85	46.65	30.04	23.31	3	2	4	0	9
CRP-01	5.67	5.30	1.77	0.15	0.55	0.01	7.65	7.66	75.53	62.54	18.05	19.41	1	1	3	0	5

CRP-02	6.17	4.46	0.58	0.03	0.03	0.15	5.07	5.22	71.51	84.35	6.80	8.85	1	1	2	0	4
CUZ-03	6.07	4.95	1.67	0.20	0.02	0.00	6.82	6.82	122.52	5.26	42.46	52.27	1	4	0	3	8
ELD-12	4.76	0.14	0.08	0.05	0.03	0.63	0.30	0.93	2.25	63.59	20.13	16.29	0	0	2	0	2
HCC-21	5.74	5.76	1.44	0.24	0.01	0.23	7.45	7.68	22.75	21.61	39.87	38.53	2	3	0	0	5
JUR-01	5.92	6.60	1.29	0.10	0.04	0.00	8.03	8.04	84.56	25.18	36.62	38.20	1	2	4	0	7
RST-01	5.56	6.00	1.19	0.14	0.05	0.00	7.37	7.37	56.49	39.42	25.40	35.18	0	0	3	0	3
TAM-05	3.91	0.03	0.10	0.09	0.01	4.25	0.22	4.47	27.28	39.76	43.53	16.71	1	3	0	1	5
TAM-07	4.22	0.04	0.10	0.08	0.03	3.16	0.22	3.38	18.51	47.01	28.79	24.20	0	2	1	0	3
YAN-02	5.15	3.29	1.58	0.17	0.03	0.65	5.07	5.72	49.64	10.09	28.36	61.56	0	1	2	1	4
ZAR-03	4.00	0.09	0.10	0.10	0.12	1.51	0.41	1.93	4.41	48.91	26.63	24.47	1	2	1	0	4
FERRALSOLS																	
BNT-04	4.24	0.05	0.09	0.06	0.05	2.57	0.24	2.81	0.47	15.64	68.39	15.96	0	0	0	0	0
CAX-06	3.79	0.13	0.15	0.05	0.08	1.88	0.41	2.28	n/a	32.54	53.76	13.70	0	0	0	0	0
CHO-01	4.70	0.42	0.60	0.18	0.12	0.69	1.32	2.01	3.65	58.09	36.42	5.50	0	2	0	0	2
CPP-01	4.18	0.19	0.12	0.04	0.04	1.04	0.39	1.44	n/a	69.49	19.85	10.66	0	0	0	0	0
JRI-01	4.05	0.20	0.18	0.04	0.11	1.62	0.53	2.15	2.55	4.27	80.73	15.00	0	0	0	0	0
LFB-01	4.63	0.02	0.06	0.07	0.00	1.09	0.16	1.25	4.88	73.77	20.25	5.98	0	0	0	0	0
LFB-02	4.39	0.03	0.06	0.07	0.00	1.35	0.17	1.52	5.01	73.10	21.04	5.86	0	0	0	0	0
MAN-05	4.34	0.03	0.06	0.05	0.04	1.95	0.19	2.14	n/a	7.71	84.71	4.55	0	0	0	0	0
MAN-12	3.94	0.11	0.10	0.09	0.06	1.82	0.37	2.19	0.50	19.90	67.71	12.39	0	0	0	0	0
MBO-01	3.98	0.07	0.09	0.03	0.02	1.51	0.20	1.72	2.93	79.35	11.49	9.17	0	0	0	0	0
SIN-01	4.19	0.04	0.04	0.02	0.02	1.08	0.12	1.21	0.95	85.75	9.80	4.45	0	1	0	0	1
TAP-04	3.84	0.30	0.22	0.07	0.04	2.33	0.64	2.97	1.66	2.86	89.25	7.89	0	0	0	0	0
TAP-123	3.78	0.17	0.15	0.06	0.03	1.74	0.40	2.14	1.07	23.48	66.10	10.42	0	0	0	0	0
FLUVISOLS																	
JAS-05	5.09	5.75	2.16	0.14	0.13	0.02	8.17	8.19	118.16	34.64	31.63	33.73	2	2	0	3	7
GLEYSOLS																	
ALP-11	4.26	0.15	0.13	0.11	0.01	3.22	0.40	3.62	4.06	52.79	20.67	26.54	1	3	3	0	7
SUC-03	4.03	0.09	0.27	0.19	0.06	5.61	0.62	6.23	n/a	n/a	n/a	n/a	1	3	0	3	7
TAM-04	4.05	0.05	0.18	0.12	0.01	3.79	0.34	4.14	48.59	17.03	39.24	43.73	1	3	0	3	7
TIP-03	4.39	5.01	1.90	0.12	0.08	0.73	7.10	7.83	83.23	3.10	56.60	40.30	1	4	0	3	8
ZAR-02	4.34	0.21	0.10	0.08	0.16	2.96	0.55	3.51	15.00	31.84	33.88	34.28	1	2	0	0	3

LEPTOSOLS																	
ELD-34	5.26	1.37	0.88	0.06	0.05	0.42	2.35	2.77	n/a	n/a	n/a	n/a	4	3	2	0	9
LIXISOLS																	
RIO-12	5.43	0.62	1.02	0.05	0.07	0.01	1.78	1.79	4.52	71.33	9.50	19.18	0	1	0	0	1
NITISOLS																	
HCC-22	5.83	3.61	0.93	0.15	0.01	0.04	4.69	4.74	26.66	65.80	21.22	12.98	1	1	0	0	2
PLINTHOSOLS																	
AGP-01	4.50	0.60	0.29	0.11	0.00	5.20	1.00	6.21	32.70	20.63	42.12	37.25	2	2	2	1	7
AGP-02	4.29	0.55	0.34	0.12	0.02	5.24	1.02	6.26	38.51	19.19	43.10	37.71	2	2	2	1	7
ALP-22	4.46	0.79	0.16	0.12	0.01	4.05	1.08	5.13	9.40	32.52	34.46	33.15	0	3	3	0	6
DOI-01	4.23	0.52	0.40	0.09	0.01	1.90	1.02	2.92	14.59	19.36	18.38	62.27	1	4	0	1	6
DOI-02	5.07	3.17	1.69	0.14	0.01	0.61	5.00	5.62	34.53	16.09	25.00	58.91	2	4	0	3	9
LOR-01	4.13	0.07	0.11	0.10	0.02	4.17	0.28	4.44	23.34	38.13	31.01	30.85	1	4	2	1	8
LOR-02	3.97	0.07	0.12	0.10	0.02	5.04	0.29	5.34	29.63	24.10	35.70	40.21	2	4	2	1	9
POR-01	4.45	0.19	0.35	0.11	0.09	0.68	0.74	1.41	21.49	61.68	16.73	21.60	1	3	2	0	6
POR-02	4.57	0.21	0.21	0.09	0.20	0.61	0.71	1.32	18.93	61.31	16.25	22.44	3	2	2	0	7
SUC-01	4.55	0.31	0.36	0.10	0.02	2.98	0.79	3.77	27.54	38.38	47.26	14.36	0	2	3	1	6
PODZOLS																	
MAN-03	4.10	0.06	0.10	0.11	0.05	1.70	0.31	2.01	0.31	20.97	66.21	12.81	0	0	1	0	1
MAN-04	4.73	0.03	0.05	0.04	0.01	0.18	0.13	0.31	0.16	71.82	1.38	1.80	0	0	0	1	1
SCR-04	4.88	0.77	0.88	0.15	0.02	0.05	1.82	1.86	n/a	n/a	n/a	n/a	0	0	0	0	0
ZAR-01	4.27	0.25	0.20	0.14	0.05	0.07	0.64	0.71	0.33	74.75	0.64	24.61	1	1	0	1	3
UMBRISOLS																	
LSL-01	4.90	0.39	0.29	0.16	0.03	1.21	0.87	2.08	17.95	29.05	35.80	35.15	2	1	0	4	7
LSL-02	4.74	0.24	0.23	0.17	0.03	1.89	0.66	2.55	25.97	29.05	35.80	35.15	1	1	0	3	5