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Supplementary material

Mangroves: coastal vegetation and marine influence in La Caimanera wetland (Sucre) during the last 6000 years

Manglares: vegetación costera e influencia marina en la ciénaga La Caimanera (Sucre) durante los últimos 6000 años

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Table 1S. Mineral, organic fractions (organic, inorganic and total carbon) and wastewater according to sub-zones. Quantitative analysis.

	C. org. (LOI 550°C)			C. inorg. (LOI 950°C)			Total carbon			Res. moisture (LOI 105°C)			Mineral frac.			Total (C + Res. m. + mineral frac.)
	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	
Subzone	%															
I Ib 100-0 cm	2,54	11,96	27,84	1,42	13,14	21,3	12,48	25,1	34,75	0,08	11,35	46,68	34,38	63,55	85,75	100
IIa 175-100 cm	3,21	13,26	29,02	7,97	15,15	21,72	14,39	28,42	36,99	0,04	7,38	45,13	40,48	64,21	78,36	100
Ic 275-175 cm	2,84	6,64	43,36	0,33	18,66	22,82	3,46	25,3	43,72	0,03	1,46	10,56	55,33	73,24	95,9	100
Ib 525-275 cm	0,02	10,32	32,62	0,05	11,58	22,81	2,33	21,9	34,39	0,1	16,11	82,3	11,52	62,01	96,69	100
Ia 725-525 cm	1,07	10,05	48,23	0,29	17,43	24,24	12,23	27,48	48,77	0,08	5,09	73,71	14,06	67,43	85,64	100

Table 2S. Mineral and organic fractions (%) detailed. Percentage estimates

Subzone / Depth. (cm)	Values	Undifferentiated fines (clay)	Phenocrystals (differentiated)	Integrated organics	Phenocrystals (differentiated)						Organic			
					% Fe Oxides	% Anhydrite	% Ferromagn.	% Feldspars	% Sulfides	Other mixed phenocrysts	Shells	Peat	Coal	Organic remains
IIb 100-0	Min.	6	28	9	1	3	2	1	2	20	3	1	0	1
	Avg.	41,24	28	42,79	2,8	3,2	2	1	2	20,21	36,7	1,65	0	4,81
	Max.	63	28	72	4	4	2	1	2	21	71	2	0	13
IIa 175-100	Min.	4	19	1	2	2	2	1	3	12	2	2	1	1
	Avg.	50,28	28,27	23,44	3,4	3,1	2	1	4,1	18,35	21,1	2	1	3,63
	Max.	68	36	65	6	4	2	1	6	31	65	2	1	8
Ic 275-175	Min.	9	10	3	1	2	1	1	3	5	3	1	1	2
	Avg.	47,92	22,84	42,55	2,5	3,3	1	1	3	16,22	41	2	1,7	7,13
	Max.	85	44	83	5	5	1	1	3	32	83	3	4	9
Ib 525-275	Min.	1	2	10	1	1	1	1	1	1	1	1	1	2
	Avg.	46,47	17,26	47,19	2,9	3	1,8	1,7	2,9	8,99	10	26,7	4,1	11,76
	Max.	81	83	100	10	6	4	3	8	73	82	100	10	30
Ia 725-525	Min.	1	5	4	1	1	1	1	1	3	1	1	1	1
	Avg.	44,06	31,54	31,45	2,7	4,3	1,6	1,2	4	19,89	5,58	19	5,4	8,91
	Max.	81	60	90	8	8	2	2	15	41	40	80	18	40