

DATE	SITE	LOCATION	LANDSCAPE	LAYER TOP DEPTH (cm)	LAYER BOTTOM DEPTH (cm)	SAMPLE DEPTH (cm)	SAMPLE COLOR	SAMPLE TEXTURE	BULK DENSITY (g/cm ³)	% CARBON	OBSERVATIONS
9/6/13	Bahía Magdalena	Punta Cancún	<i>Avicennia</i> upper mudfl	0	12	5-10	olive-gray	peaty-loamy sand	1.258	1.265	
9/6/13	Bahía Magdalena	Punta Cancún	<i>Avicennia</i> upper mudfl	12	80	40-45	olive gray	loamy sand	2.151	0.506	
9/6/13	Bahía Magdalena	Punta Cancún	<i>Rhizophora</i> fringe	0	10	3-7	olive-brown gray	loamy sand	0.715	2.329	
9/6/13	Bahía Magdalena	Punta Cancún	<i>Rhizophora</i> fringe	10	25	20-25	reddish-olive gray	loamy peat	0.740	6.069	
9/6/13	Bahía Magdalena	Punta Cancún	<i>Rhizophora</i> fringe	25	40	35-40	reddish-olive gray	loamy peat	0.850	7.436	
9/6/13	Bahía Magdalena	Punta Cancún	<i>Rhizophora</i> fringe	40	100	95-100	greenish-olive gray	sandy	1.832	2.765	
9/6/13	Bahía Magdalena	Punta Cancún	<i>Rhizophora</i> fringe	100	125	120-125	greenish-olive gray	sandy	2.948	0.278	
9/6/13	Bahía Magdalena	La Salina	<i>Avicennia</i> upper mudfl	0	9	4-9	olive-gray, to light	sandy peat	1.378	1.952	
9/6/13	Bahía Magdalena	La Salina	<i>Avicennia</i> upper mudfl	9	120	38-43	light gray	sandy peat to organi	2.548	0.486	
9/6/13	Bahía Magdalena	La Salina	<i>Rhizophora</i> fringe	0	9	0-5	reddish-brown	peaty	1.673	0.723	
9/6/13	Bahía Magdalena	La Salina	<i>Rhizophora</i> fringe	9	46	40-45	reddish-brown	peaty	2.038	1.421	
9/6/13	Bahía Magdalena	La Salina	<i>Rhizophora</i> fringe	46	121	71-76	olive gray	peaty sand	1.220	3.394	
9/6/13	Bahía Magdalena	La Salina	<i>Rhizophora</i> fringe	121	147	105-110	dark-olive gray	sandy-organic	1.892	0.354	
9/6/13	Bahía Magdalena	La Salina	dead fringe	0	5	4-9	orange-brown	sandy	1.071	2.471	
9/6/13	Bahía Magdalena	La Salina	dead fringe	5	45	41-46	orange-brown	sandy, then sandy pe	0.745	1.170	
9/6/13	Bahía Magdalena	La Salina	dead fringe	45	76	116-121	reddish olive gray	sandy peat	1.836	6.406	
9/6/13	Bahía Magdalena	La Salina	dead fringe	76	125	142-147	dark-olive gray pe	peat, to sandy-organ	2.215	0.257	
9/7/13	Balandra	Sur	<i>Avicennia</i> mudflat	0	40	0-5	reddish olive-gray	sandy clay	1.468	0.701	
9/7/13	Balandra	Sur	<i>Avicennia</i> mudflat	40	120	47-52	reddish olive-gray	9-40 sandy clay; 40-5	1.758	0.818	
9/7/13	Balandra	Sur	<i>Avicennia</i> mudflat	120	173	167-173	reddish peat	peat (spongy)	0.794	6.419	
9/7/13	Balandra	Sur	<i>Avicennia</i> mudflat	173	200	180	reddish peat	peat (spongy)	1.585	1.201	
9/7/13	Balandra	Sur	<i>Avicennia</i> upper mudfl	0	8	0-5	olive-brown	loamy clay	1.221	1.112	
9/7/13	Balandra	Sur	<i>Avicennia</i> upper mudfl	8	45	40-45	olive-brown	loamy clay	1.941	0.368	
9/7/13	Balandra	Sur	<i>Avicennia</i> upper mudfl	45	118	113-118	45-110: olive-gree	45-110: loamy clay; c	1.251	3.739	
9/7/13	Balandra	Sur	<i>Avicennia</i> upper mudfl	118	160	155-160	brown-reddish pe	peat	1.394	4.392	
9/7/13	Balandra	Sur	<i>Avicennia</i> upper mudfl	160	182	177-182	olive gray	peaty sand	1.422	2.832	
9/7/13	Balandra	Sur	<i>Avicennia</i> upper mudfl	182	220	190-195	olive-blue gray (an	peaty sand	0.970	2.648	
9/7/13	Balandra	Sur	<i>Avicennia</i> upper mudfl	220	226	221-226	white calcite	sandy gravel	1.946	5.656	
9/7/13	Balandra	Sur	<i>Rhizophora</i> fringe	0	45	7-12	dark-gray	sandy calcite with an	1.696	0.443	
9/7/13	Balandra	Sur	<i>Rhizophora</i> fringe	45	163	155-160	dark-gray	sandy calcite with an	3.259	0.515	
9/7/13	Balandra	Sur	<i>Rhizophora</i> fringe	163	200	184-188	light-gray with whi	sandy calcite with an	1.884	0.680	
9/7/13	Balandra	Norte	<i>Rhizophora</i> fringe	0	9	4-9	olive gray	0-3 cm, calcite fragm	0.736	9.614	
9/7/13	Balandra	Norte	<i>Rhizophora</i> fringe	9	43	38-43	9-40: mucky peat;	spongy peat; and cal	1.105	11.145	
9/7/13	Balandra	Norte	<i>Rhizophora</i> fringe	43	61	56-61	whitish	calcite coarse sand	2.173	10.512	
9/7/13	Balandra	Norte	<i>Avicennia</i> mudflat	0	9	0-5	olive-gray	loamy clay	0.639	3.527	

9/7/13	Balandra	Norte	<i>Avicennia</i> mudflat	9	45	40-45	reddish peat on an clayey peat	0.486	17.345
9/7/13	Balandra	Norte	<i>Avicennia</i> mudflat	45	119	114-119	reddish peat on an peat	0.564	13.925
9/7/13	Balandra	Norte	<i>Avicennia</i> mudflat	119	145	140-145	red peat on a red- <i>i</i> peat with fragments	0.447	11.619
9/7/13	Balandra	Norte	<i>Avicennia</i> mudflat	145	184	179-184	red peat, last 15 cr peat with fragments	1.334	4.792
9/7/13	Balandra	Norte	<i>Avicennia</i> upper mudfl	0	49	4-9	light gray loamy clay	1.444	0.597
9/7/13	Balandra	Norte	<i>Avicennia</i> upper mudfl	49	197	121-126	reddish peat with <i>i</i> peaty with a clayey n	0.753	7.291
9/7/13	Balandra	Norte	<i>Avicennia</i> upper mudfl	197	210	201-206	reddish with white peaty calcite sand	1.064	8.086
12/12/14	Marismas	Camichín	<i>Avicennia</i> mudflat	0	40	35	grayish with anoxii loamy with live roots	1.413	1.021
12/12/14	Marismas	Camichín	<i>Avicennia</i> mudflat	40	80	75	grayish with anoxii loamy with live roots	1.738	0.549
12/12/14	Marismas	Camichín	<i>Avicennia</i> mudflat	80	115	110	grayish with anoxii sandy, strongly com	1.631	0.646
12/12/14	Marismas	Camichín	<i>Avicennia</i> upper mudfl	0	40	35	grayish with anoxii clayey with live roots	1.497	1.181
12/12/14	Marismas	Camichín	<i>Avicennia</i> upper mudfl	40	80	75	grayish with anoxii clayey with live roots	1.148	1.188
12/12/14	Marismas	Camichín	<i>Avicennia</i> upper mudfl	80	120	115	grayish with anoxii sandy, strongly com	1.243	0.777
12/12/14	Marismas	Camichín	<i>Avicennia</i> upper mudfl	120	130	125	grayish with anoxii sandy, strongly com	1.644	0.231
12/12/14	Marismas	Arroyo Toro Mc	<i>Avicennia</i> upper mudfl	0	40	35	grayish with anoxii loamy with live roots	1.621	2.286
12/12/14	Marismas	Arroyo Toro Mc	<i>Avicennia</i> upper mudfl	40	54	49	grayish with anoxii loamy with live roots	1.512	0.386
12/12/14	Marismas	Arroyo Toro Mc	<i>Avicennia</i> upper mudfl	54	80	75	grayish with anoxii loamy with live roots	1.499	0.606
12/12/14	Marismas	Arroyo Toro Mc	<i>Avicennia</i> upper mudfl	80	120	115	grayish with anoxii sandy, strongly com	2.020	0.422
12/12/14	Marismas	Arroyo Toro Mc	<i>Avicennia</i> upper mudfl	120	160	155	grayish with anoxii sandy, strongly com	2.021	0.144
12/16/14	La Encrucijada	La Concepción	<i>Rhizophora</i> mudflat	0	10	0	. dead leaves	0.249	37.003
12/16/14	La Encrucijada	La Concepción	<i>Rhizophora</i> mudflat	10	55	40	reddish peat	0.394	32.443
12/16/14	La Encrucijada	La Concepción	<i>Rhizophora</i> mudflat	55	75	65	white-ish-gray sandy clay	0.950	1.678 Volcanic ash layer
12/16/14	La Encrucijada	La Concepción	<i>Rhizophora</i> mudflat	75	90	75	dark organic matter	0.391	18.354
12/16/14	La Encrucijada	La Concepción	<i>Rhizophora</i> mudflat	90	105	95	. organic-rich clayey-p	0.828	10.604
12/16/14	La Encrucijada	La Concepción	<i>Rhizophora</i> mudflat	105	140	115	. organic-rich clayey-p	0.898	7.840
12/16/14	La Encrucijada	La Concepción	<i>Rhizophora</i> mudflat	140	180	155	. organic-rich clayey-p	1.077	6.274
12/16/14	La Encrucijada	La Concepción	<i>Rhizophora</i> mudflat	180	215	195	. organic-rich peaty lo	0.751	7.755
12/16/14	La Encrucijada	La Concepción	<i>Rhizophora</i> mudflat	215	235	230	. organic-rich peaty lo	0.682	11.377
12/16/14	La Encrucijada	La Concepción	<i>Rhizophora</i> mudflat	235	255	235	. .	1.553	4.265
12/16/14	La Encrucijada	La Concepción	<i>Rhizophora</i> mudflat	255	290	275	. loamy sand	1.791	1.057
12/16/14	La Encrucijada	La Concepción	<i>Rhizophora</i> mudflat	290	300	295	dark brown organic sand, compa	2.145	0.569
12/16/14	La Encrucijada	La Concepción	<i>Rhizophora</i> fringe	0	10	0	reddish peat	0.603	7.664
12/16/14	La Encrucijada	La Concepción	<i>Rhizophora</i> fringe	10	55	35	. water logged loamy <i>i</i>	1.470	1.072
12/16/14	La Encrucijada	La Concepción	<i>Rhizophora</i> fringe	55	105	76	greenish-gray water logged sand	0.788	2.505
12/16/14	La Encrucijada	La Concepción	<i>Rhizophora</i> fringe	105	135	115	olive-gray organic-rich loamy s	2.106	1.067
12/16/14	La Encrucijada	La Concepción	<i>Rhizophora</i> fringe	135	170	155	dark gray organic-rich sand	1.803	4.723
12/16/14	La Encrucijada	La Concepción	<i>Rhizophora</i> fringe	170	185	180	dark gray organic-rich sand	2.206	1.017
12/16/14	La Encrucijada	Aztlán	<i>P. aquatica</i> mudflat	0	5	0	dark reddish peat-like organic ma	0.246	37.939
12/16/14	La Encrucijada	Aztlán	<i>P. aquatica</i> mudflat	5	20	5	grayish-white clay loamy-clay	0.519	25.720 Volcanic ash layer
12/16/14	La Encrucijada	Aztlán	<i>P. aquatica</i> mudflat	20	70	35	. organic-rich loam	0.225	5.313

12/16/14	La Encrucijada	Aztlán	<i>P. aquatica</i> mudflat	70	135	100	grayish clay	1.070	3.930
12/16/14	La Encrucijada	Aztlán	<i>P. aquatica</i> mudflat	135	185	170	olive-gray, with ch compacted clay with	0.549	8.110
12/16/14	La Encrucijada	Aztlán	<i>P. aquatica</i> mudflat	185	220	195	. organic-rich sandy lo	1.798	1.460
12/16/14	La Encrucijada	Aztlán	<i>P. aquatica</i> mudflat	220	255	235	. root-rich sandy loam	0.879	6.470
12/16/14	La Encrucijada	Aztlán	<i>P. aquatica</i> mudflat	255	305	270	. very fine clay-ey san	1.701	2.760
12/16/14	La Encrucijada	Aztlán	<i>P. aquatica</i> mudflat	305	350	345	. very fine clay-ey san	1.214	2.525
12/16/14	La Encrucijada	Las Garzas	<i>Avicennia</i> mudflat	0	20	0	. leaf litter	0.543	6.120
12/16/14	La Encrucijada	Las Garzas	<i>Avicennia</i> mudflat	20	70	35	olive-gray clay	1.391	0.785
12/16/14	La Encrucijada	Las Garzas	<i>Avicennia</i> mudflat	105	185	110	olive-green clay	1.399	0.247
12/16/14	La Encrucijada	Las Garzas	<i>Avicennia</i> mudflat	185	205	170	grayish-white to ol clay	1.294	0.396
12/16/14	La Encrucijada	Las Garzas	<i>Avicennia</i> mudflat	205	230	190	dark brown compact organic loam	0.922	7.505
12/16/14	La Encrucijada	Las Garzas	<i>Avicennia</i> mudflat	230	240	215	dark brown mixed organic loam mixed \	1.483	1.947
12/16/14	La Encrucijada	Las Garzas	<i>Avicennia</i> mudflat	240	255	240	reddish clay-ey peat	0.616	10.566
12/16/14	La Encrucijada	Las Garzas	<i>Avicennia</i> mudflat	255	265	260	dark olive-gray clay with fine sand	1.546	0.262
12/16/14	La Encrucijada	La Concepción	<i>Rhizophora</i> mudflat	0	35	0	dark reddish brow root and detritus	0.175	41.316
12/16/14	La Encrucijada	La Concepción	<i>Rhizophora</i> mudflat	35	45	40	whitish grey sandy clay	1.434	2.440 Volcanic ash layer
12/16/14	La Encrucijada	La Concepción	<i>Rhizophora</i> mudflat	45	95	75	dark brown organic-rich loam	1.374	4.657
12/16/14	La Encrucijada	La Concepción	<i>Rhizophora</i> mudflat	95	135	110	dark brown organic-rich loamy s	1.572	2.241
12/16/14	La Encrucijada	La Concepción	<i>Rhizophora</i> mudflat	135	155	150	dark brown organic-rich sand	1.476	2.804

Notes:

Samples collected by Paula Ezcurra, Exequiel Ezcurra, and Pedro P. Garcillán. Samples and data form part of Paula Ezcurra's Honor Program dissertation work at UCSB.