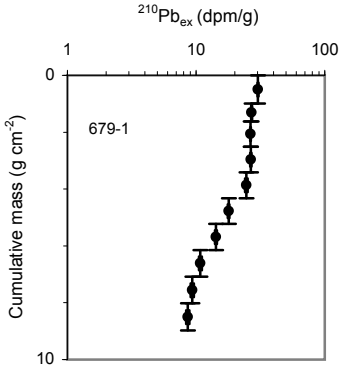
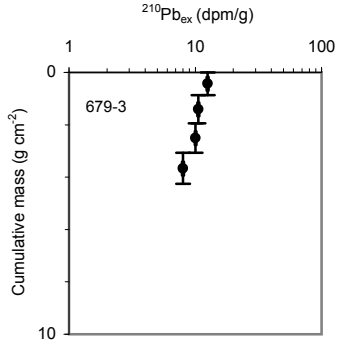
Huh et al. Downcore data on water content, cumulative mass, nuclide activities and sediment chronology

Depth (cm)	Content of water (%)	Cumulative mass* (g cm^{-2})	Mean deposition time (A.D.)**	$^{210}Pb_{ex}$	^{137}Cs (dpm g^{-1})
679-1 (24°57.00'N, 122°15.00'E; 1033 m; collected on April 17, 2003)					
0-1	37.00	0.495 ± 0.495	2000.4	30.25 ± 0.26	0.049 ± 0.012
1-2	53.01	1.304 ± 0.314	1995.6	26.95 ± 0.23	0.062 ± 0.007
2-3	40.75	2.066 ± 0.448	1991.0	26.41 ± 0.16	0.054 ± 0.007
3-4	40.54	2.964 ± 0.450	1985.7	26.59 ± 0.30	0.024 ± 0.004
4-5	40.33	3.868 ± 0.453	1980.3	24.58 ± 0.59	
5-6	40.46	4.772 ± 0.451	1974.9	17.90 ± 0.27	0.077 ± 0.006
6-7	39.74	5.684 ± 0.460	1969.5	14.26 ± 0.25	0.117 ± 0.005
7-8	39.04	6.614 ± 0.469	1963.9	10.80 ± 0.28	0.118 ± 0.015
8-9	39.01	7.552 ± 0.469	1958.3	9.35 ± 0.29	0.070 ± 0.010
9-10	38.44	8.498 ± 0.477	1952.7	8.62 ± 0.26	0.020 ± 0.007
679-3 (24°45.00'N, 121°54.00'E; 112 m; collected on April 17, 2003)					
0-1	41.92	0.434 ± 0.434		12.54 ± 0.21	0.071 ± 0.008
1-2	33.83	1.406 ± 0.538		10.58 ± 0.19	0.054 ± 0.005
2-3	32.05	2.507 ± 0.563		10.05 ± 0.15	0.067 ± 0.005
3-4	30.16	3.662 ± 0.591		8.00 ± 0.14	0.064 ± 0.005
4-5	30.20	4.844 ± 0.591			0.067 ± 0.006
5-6	34.53	5.963 ± 0.529			0.067 ± 0.006
6-7	35.12	7.012 ± 0.520			0.060 ± 0.007
7-8	35.26	8.051 ± 0.518			0.073 ± 0.012
8-9	33.98	9.105 ± 0.536			0.075 ± 0.008
9-10	32.20	10.203 ± 0.561			0.073 ± 0.007
10-12	26.09	12.074 ± 1.310			0.044 ± 0.006
12-14	27.15	14.661 ± 1.276			0.065 ± 0.005
14-16	29.83	17.129 ± 1.192			0.057 ± 0.009
16-18	28.34	19.560 ± 1.238			0.063 ± 0.006

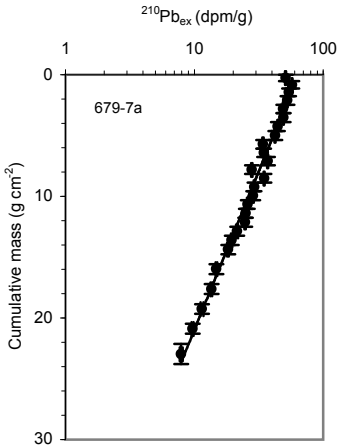




18-20	26.99	22.079 ± 1.281			0.084 ± 0.005
20-22	27.65	24.620 ± 1.260			0.065 ± 0.006
22-24	30.95	27.039 ± 1.159			0.072 ± 0.006
24-26	34.99	29.242 ± 1.044			0.082 ± 0.008
26-28	31.21	31.438 ± 1.151			0.077 ± 0.008
28-30	25.54	33.918 ± 1.328			0.083 ± 0.008

679-7a (24°48.18'N, 122°31.04'E; 1284 m; collected on April 18, 2003)

0-1	58.20	0.265 ± 0.265	2002.6	51.13 ± 0.43	0.131 ± 0.012
1-2	54.06	0.833 ± 0.303	2001.0	57.38 ± 0.32	0.085 ± 0.007
2-3	53.05	1.450 ± 0.313	1999.2	54.30 ± 0.37	0.058 ± 0.007
3-4	49.30	2.115 ± 0.351	1997.4	52.65 ± 0.28	0.101 ± 0.004
4-5	50.04	2.810 ± 0.344	1995.4	49.01 ± 0.23	0.067 ± 0.006
5-6	47.80	3.521 ± 0.367	1993.4	49.20 ± 0.28	0.060 ± 0.006
6-7	47.04	4.263 ± 0.375	1991.4	44.38 ± 0.35	0.076 ± 0.005
7-8	48.44	4.999 ± 0.360	1989.3	42.31 ± 0.45	0.069 ± 0.015
8-9	48.93	5.714 ± 0.355	1987.3	34.10 ± 0.31	0.059 ± 0.010
9-10	49.55	6.418 ± 0.349	1985.3	34.73 ± 0.30	0.086 ± 0.007
10-11	50.18	7.109 ± 0.342	1983.4	37.07 ± 0.26	0.072 ± 0.007
11-12	49.03	7.806 ± 0.354	1981.4	27.91 ± 0.29	0.082 ± 0.007
12-13	49.04	8.514 ± 0.354	1979.4	34.84 ± 0.33	0.097 ± 0.007
13-14	48.54	9.227 ± 0.359	1977.4	29.16 ± 0.28	0.104 ± 0.007
14-15	48.42	9.947 ± 0.361	1975.4	28.63 ± 0.32	0.108 ± 0.008
15-16	48.27	10.67 ± 0.362	1973.4	25.94 ± 0.28	0.090 ± 0.007
16-17	47.82	11.40 ± 0.367	1971.4	25.01 ± 0.30	0.113 ± 0.007
17-18	48.14	12.13 ± 0.364	1969.3	24.79 ± 0.28	0.129 ± 0.008
18-19	47.28	12.87 ± 0.373	1967.2	21.50 ± 0.36	0.189 ± 0.010
19-20	46.99	13.61 ± 0.376	1965.1	19.50 ± 0.26	0.159 ± 0.007
20-21	45.76	14.38 ± 0.390	1963.0	18.24 ± 0.28	0.144 ± 0.007
21-22	44.86	15.17 ± 0.400	1960.8		0.063 ± 0.022



22-23	43.77	15.98 ± 0.412	1958.5	14.82 ± 0.22	0.052 ± 0.008
23-24	43.96	16.80 ± 0.410	1956.2		
24-25	43.75	17.63 ± 0.412	1953.9	13.55 ± 0.22	0.051 ± 0.008
25-26	43.98	18.45 ± 0.410	1951.6		
26-27	44.30	19.26 ± 0.406	1949.3	11.47 ± 0.28	
27-28	44.48	20.07 ± 0.404	1947.0		
28-29	44.27	20.88 ± 0.406	1944.8	9.69 ± 0.19	
29-30	43.19	21.71 ± 0.419	1942.5		
30-32	43.29	22.96 ± 0.835	1938.9	7.90 ± 0.21	

* Cumulative mass is integrated from the core top to the mid-depth of each sampling interval.

** Chronologies are established from ^{210}Pb decay in hemipelagic sediments and constrained by ^{137}Cs stratigraphy and turbidites caused by historical earthquakes as time markers.