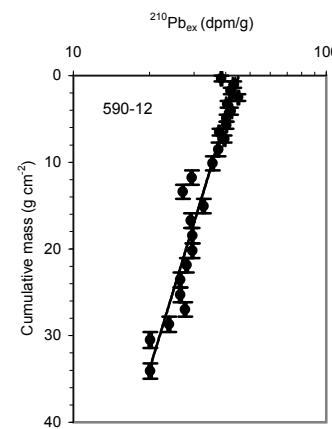


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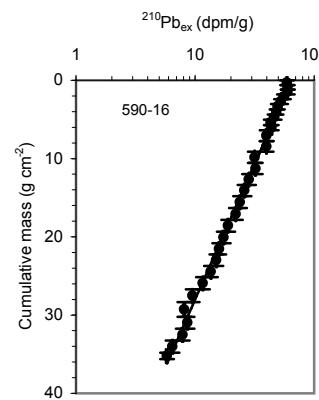
Depth (cm)	Content of water (%)	Cumulative mass* (g cm ⁻²)	Mean deposition time (A.D.)**	²¹⁰ Pb _{ex}	¹³⁷ Cs (dpm g ⁻¹)
590-12 (24°49.92'N, 122°20.05'E; 1184 m; collected on July 25, 2000)					
0-1	50.27	0.341 ± 0.341	2000.3	38.47 ± 0.27	0.062 ± 0.005
1-2	48.17	1.046 ± 0.363	1999.8	43.19 ± 0.53	0.055 ± 0.007
2-3	48.22	1.772 ± 0.363	1999.3	41.87 ± 0.44	0.072 ± 0.006
3-4	46.37	2.517 ± 0.383	1998.8	44.91 ± 0.30	0.060 ± 0.005
4-5	44.82	3.300 ± 0.400	1998.3	40.65 ± 0.44	0.082 ± 0.006
5-6	44.47	4.104 ± 0.404	1997.7	41.98 ± 0.48	0.051 ± 0.009
6-7	44.38	4.913 ± 0.405	1997.1	40.32 ± 0.52	0.054 ± 0.007
7-8	44.46	5.722 ± 0.404	1996.6	40.28 ± 0.26	0.075 ± 0.006
8-9	45.25	6.522 ± 0.395	1996.0	37.74 ± 0.27	0.083 ± 0.006
9-10	44.72	7.318 ± 0.401	1995.5	39.54 ± 0.34	0.073 ± 0.007
10-12	44.95	8.517 ± 0.797	1994.6	37.49 ± 0.33	0.073 ± 0.005
12-14	44.09	10.13 ± 0.817	1993.5	35.56 ± 0.40	0.068 ± 0.009
14-16	43.96	11.77 ± 0.820	1992.4	29.37 ± 0.29	0.058 ± 0.010
16-18	43.86	13.41 ± 0.822	1991.2	27.09 ± 0.22	0.082 ± 0.008
18-20	43.80	15.06 ± 0.823	1990.1	32.72 ± 0.41	0.087 ± 0.009
20-22	42.61	16.73 ± 0.851	1988.9	29.16 ± 0.27	0.059 ± 0.008
22-24	41.33	18.46 ± 0.882	1987.7	29.55 ± 0.27	0.075 ± 0.011
24-26	42.80	20.19 ± 0.847	1986.5	29.57 ± 0.27	0.100 ± 0.012
26-28	43.15	21.88 ± 0.839	1985.3	28.07 ± 0.35	0.081 ± 0.010
28-30	42.16	23.58 ± 0.862	1984.1	26.47 ± 0.35	n.a.
30-32	42.45	25.29 ± 0.855	1982.9	26.50 ± 0.36	0.093 ± 0.007
32-34	43.45	26.98 ± 0.832	1981.7	27.67 ± 0.34	n.a.
34-36	41.16	28.70 ± 0.886	1980.5	23.88 ± 0.32	0.106 ± 0.010
36-38	39.96	30.50 ± 0.915	1979.3	20.14 ± 0.30	0.099 ± 0.010
38-40	41.08	32.30 ± 0.888	1978.0		0.146 ± 0.010
40-42	41.08	34.08 ± 0.888	1976.8	20.12 ± 0.28	n.a.



42-44	40.80	35.86 ± 0.895	1975.5	0.185 ± 0.015
44-45	40.23	37.21 ± 0.454	1974.6	0.275 ± 0.024

590-16 (25°07.62'N, 122°32.78'E; 1130 m; collected on July 24, 2000)

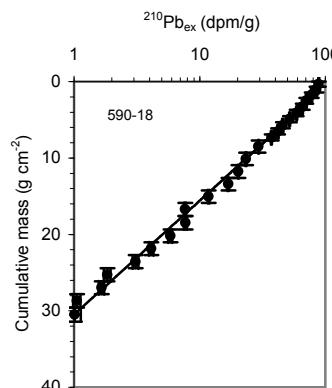
0-1	54.62	0.298 ± 0.298	1999.85	59.10 ± 0.49	0.126 ± 0.006
1-2	55.02	0.890 ± 0.294	1998.42	59.79 ± 0.41	0.118 ± 0.009
2-3	54.59	1.483 ± 0.298	1996.99	59.87 ± 0.42	0.126 ± 0.006
3-4	53.63	2.089 ± 0.308	1995.52	55.47 ± 0.40	0.106 ± 0.008
4-5	52.63	2.714 ± 0.317	1994.02	52.50 ± 0.40	0.102 ± 0.008
5-6	50.50	3.370 ± 0.339	1992.43	49.37 ± 0.34	0.087 ± 0.010
6-7	50.89	4.044 ± 0.335	1990.80	48.09 ± 0.42	0.112 ± 0.008
7-8	50.93	4.714 ± 0.334	1989.19	46.47 ± 0.34	0.112 ± 0.007
8-9	50.95	5.382 ± 0.334	1987.57	42.98 ± 0.30	0.055 ± 0.011
9-10	51.83	6.042 ± 0.325	1985.98	43.87 ± 0.52	0.137 ± 0.008
10-12	49.19	7.072 ± 0.705	1983.50	39.70 ± 0.30	0.182 ± 0.011
12-14	50.54	8.454 ± 0.677	1980.16	39.76 ± 0.33	0.164 ± 0.007
14-16	48.61	9.848 ± 0.717	1976.80	31.55 ± 0.22	0.197 ± 0.014
16-18	48.96	11.27 ± 0.710	1973.35	32.13 ± 0.24	0.289 ± 0.013
18-20	49.98	12.67 ± 0.689	1969.98	28.31 ± 0.21	0.554 ± 0.025
20-22	48.21	14.09 ± 0.726	1966.56	25.94 ± 0.19	0.402 ± 0.027
22-24	47.08	15.56 ± 0.750	1963.00	23.72 ± 0.19	0.366 ± 0.016
24-26	46.49	17.08 ± 0.763	1959.53	21.96 ± 0.19	0.151 ± 0.012
26-28	47.23	18.59 ± 0.747	1956.08	18.88 ± 0.16	0.093 ± 0.008
28-30	47.21	20.08 ± 0.747	1952.66	17.30 ± 0.17	0.029 ± 0.009
30-32	48.57	21.54 ± 0.718	1949.30	15.89 ± 0.15	
32-34	48.21	22.99 ± 0.726	1945.99	15.07 ± 0.14	
34-36	48.26	24.44 ± 0.725	1942.67	13.56 ± 0.14	



36-38	45.74	25.94 ± 0.780	1939.23	11.63 ± 0.13
38-40	44.38	27.53 ± 0.810	1935.58	9.53 ± 0.11
40-42	39.29	29.27 ± 0.932	1931.59	8.10 ± 0.11
42-44	45.94	30.98 ± 0.775	1927.68	8.65 ± 0.11
44-46	46.76	32.51 ± 0.757	1924.18	7.86 ± 0.11
46-48	45.00	34.04 ± 0.767	1920.69	6.45 ± 0.10
48-49	44.00	35.20 ± 0.400	1918.01	5.79 ± 0.09

590-18 (25°10.03'N, 122°40.03'E; 1282 m; collected on July 24, 2000)

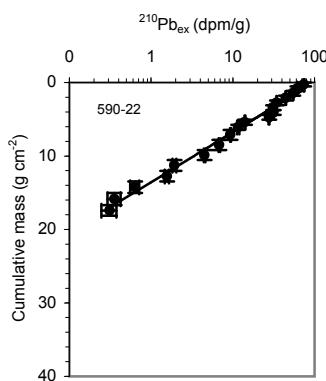
0-1	50.27	0.341 ± 0.341	1998.88	88.47 ± 0.81	0.076 ± 0.008
1-2	48.17	1.046 ± 0.363	1995.40	85.05 ± 0.75	0.049 ± 0.009
2-3	48.22	1.772 ± 0.363	1991.82	77.71 ± 0.73	0.067 ± 0.010
3-4	46.37	2.517 ± 0.383	1988.13	70.49 ± 0.67	0.147 ± 0.009
4-5	44.82	3.300 ± 0.400	1984.27	65.87 ± 0.59	0.146 ± 0.008
5-6	44.47	4.104 ± 0.404	1980.30	59.12 ± 0.61	0.198 ± 0.011
6-7	44.38	4.913 ± 0.405	1976.30	52.11 ± 0.48	0.242 ± 0.014
7-8	44.46	5.722 ± 0.404	1972.30	45.86 ± 0.50	0.410 ± 0.023
8-9	45.25	6.522 ± 0.395	1968.35	42.03 ± 0.44	0.339 ± 0.012
9-10	44.72	7.318 ± 0.401	1964.42	37.23 ± 0.40	0.313 ± 0.014
10-12	44.95	8.517 ± 0.797	1958.50	29.42 ± 0.32	0.212 ± 0.017
12-14	44.09	10.13 ± 0.817	1950.53	23.34 ± 0.25	0.064 ± 0.008
14-16	43.96	11.77 ± 0.820	1942.44	20.31 ± 0.26	
16-18	43.86	13.41 ± 0.822	1934.33	16.88 ± 0.24	
18-20	43.80	15.06 ± 0.823	1926.20	11.78 ± 0.19	
20-22	42.61	16.73 ± 0.851	1917.93	7.65 ± 0.15	
22-24	41.33	18.46 ± 0.882	1909.37	7.69 ± 0.22	
24-26	42.80	20.19 ± 0.847	1900.83	5.84 ± 0.22	
26-28	43.15	21.88 ± 0.839	1892.51	4.11 ± 0.16	
28-30	42.16	23.58 ± 0.862	1884.11	3.09 ± 0.17	
30-32	42.45	25.29 ± 0.855	1875.63	1.84 ± 0.11	



32-34	43.45	26.98 ± 0.832	1867.30	1.65 ± 0.08
34-36	41.16	28.70 ± 0.886	1858.81	1.06 ± 0.07
36-38	39.96	30.50 ± 0.915	1849.92	1.01 ± 0.12
38-40	41.08	32.30 ± 0.888	1841.01	
40-42	41.08	34.08 ± 0.888	1832.24	

590-22 (25°02.04'N, 122°50.96'E; 1510 m; collected on July 24, 2000)

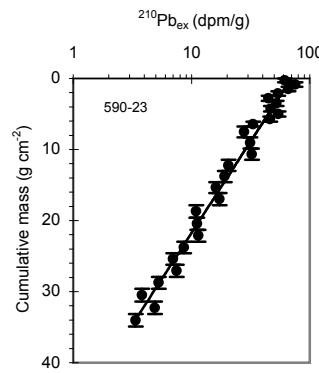
0-1	57.45	0.272 ± 0.272	1995.7	74.35 ± 0.55	0.143 ± 0.008
1-2	54.17	0.846 ± 0.302	1985.4	61.18 ± 0.49	0.229 ± 0.013
2-3	53.52	1.457 ± 0.309	1974.4	54.55 ± 0.43	0.397 ± 0.015
3-4	51.66	2.093 ± 0.327	1963.0	44.33 ± 0.37	0.475 ± 0.013
4-5	50.92	2.755 ± 0.335	1955.9	34.35 ± 0.28	0.194 ± 0.019
5-6	51.32	3.420 ± 0.331	1948.7	30.96 ± 0.28	0.184 ± 0.011
6-7	51.81	4.076 ± 0.326	1941.6	31.51 ± 0.30	0.202 ± 0.010
7-8	51.50	4.730 ± 0.329	1934.6	27.67 ± 0.25	0.088 ± 0.009
8-9	50.56	5.397 ± 0.338	1927.4	14.06 ± 0.18	
9-10	49.81	6.081 ± 0.346	1920.1	11.64 ± 0.32	
10-12	49.90	7.118 ± 0.690	1908.9	9.37 ± 0.13	
12-14	50.19	8.492 ± 0.684	1894.1	6.84 ± 0.13	
14-16	49.72	9.870 ± 0.694	1879.3	4.50 ± 0.11	
16-18	48.05	11.29 ± 0.729	1864.0	1.93 ± 0.10	
18-20	48.34	12.75 ± 0.723	1848.3	1.56 ± 0.09	
20-22	45.24	14.26 ± 0.791	1832.0	0.63 ± 0.08	
22-24	44.14	15.87 ± 0.816	1814.7	0.36 ± 0.07	
24-26	47.91	17.41 ± 0.732	1798.1	0.31 ± 0.07	
26-28	41.98	19.01 ± 0.866	1780.9		



590-23 (24°48.43'N, 122°30.00'E; 1279 m; collected on July 25, 2000)

0-1	57.91	0.268 ± 0.268	1999.6	61.53 ± 1.77	0.086 ± 0.010
1-2	53.34	0.845 ± 0.310	1997.6	75.52 ± 1.04	0.075 ± 0.008

2-3	52.63	1.473 ± 0.317	1995.4	65.67 ± 0.90	0.097 ± 0.013
3-4	51.74	2.117 ± 0.326	1993.1	53.92 ± 0.87	0.047 ± 0.012
4-5	49.76	2.790 ± 0.347	1990.7	44.79 ± 0.27	0.077 ± 0.009
5-6	47.27	3.510 ± 0.373	1988.2	52.45 ± 1.84	0.105 ± 0.012
6-7	47.02	4.258 ± 0.376	1985.6	46.82 ± 0.29	0.122 ± 0.010
7-8	48.35	4.995 ± 0.361	1983.0	54.43 ± 0.80	0.121 ± 0.012
8-9	48.66	5.715 ± 0.358	1980.4	46.24 ± 0.79	0.153 ± 0.010
9-10	49.16	6.426 ± 0.353	1977.9	33.27 ± 0.23	0.221 ± 0.015
10-12	46.99	7.531 ± 0.752	1974.0	27.93 ± 0.19	0.279 ± 0.010
12-14	45.18	9.074 ± 0.792	1968.6	31.47 ± 0.56	0.360 ± 0.012
14-16	45.07	10.66 ± 0.794	1963.0	32.35 ± 0.38	0.234 ± 0.018
16-18	45.79	12.23 ± 0.778	1958.6	20.52 ± 0.17	0.129 ± 0.015
18-20	45.59	13.79 ± 0.783	1954.2	19.11 ± 0.16	0.036 ± 0.009
20-22	45.97	15.35 ± 0.774	1949.8	16.13 ± 0.48	0.013 ± 0.005
22-24	42.42	16.98 ± 0.856	1945.2	17.29 ± 0.14	
24-26	41.74	18.71 ± 0.872	1940.3	10.94 ± 0.10	
26-28	42.15	20.44 ± 0.862	1935.4	11.15 ± 0.14	
28-30	43.73	22.13 ± 0.825	1930.7	11.43 ± 0.42	
30-32	43.86	23.78 ± 0.822	1926.0	8.63 ± 0.23	
32-34	43.99	25.42 ± 0.819	1921.4	6.98 ± 0.10	
34-36	43.31	27.07 ± 0.835	1916.7	7.48 ± 0.09	
36-38	42.60	28.76 ± 0.851	1912.0	5.27 ± 0.10	
38-40	40.64	30.51 ± 0.899	1907.1	3.81 ± 0.07	
40-42	41.58	32.28 ± 0.876	1902.1	4.91 ± 0.11	
42-44	41.52	34.04 ± 0.877	1897.1	3.36 ± 0.07	



* Cumulative mass is integrated from 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.