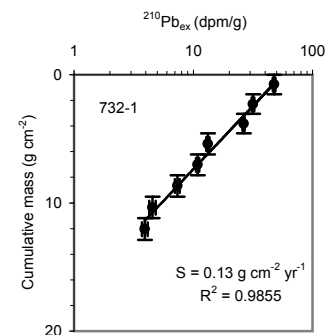


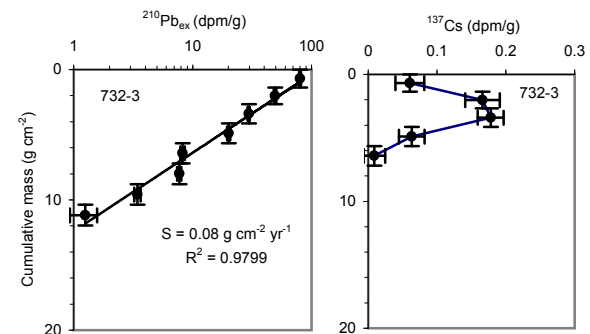
Downcore data on water content, cumulative mass, nuclide activities and sediment chronology

Depth (cm)	Content of water (%)	Cumulative mass* (g cm ⁻²)	Mean deposition time (A.D.)**	²¹⁰ Pb _{ex}	¹³⁷ Cs
				(dpm g ⁻¹)	
732-1 (22°11.17'N, 119°59.10'E; 1004 m; collected on September 30, 2004)					
0-2	46.64	0.760 ± 0.760	1999.0	47.63 ± 1.07	
2-4	46.34	2.285 ± 0.766	1987.6	31.70 ± 0.80	
4-6	46.60	3.812 ± 0.760	1976.1	26.42 ± 0.56	
6-8	44.11	5.389 ± 0.816	1964.3	13.25 ± 0.40	
8-10	44.10	7.022 ± 0.817	1952.0	10.86 ± 0.35	
10-12	43.31	8.673 ± 0.835	1939.6	7.35 ± 0.32	
12-14	42.96	10.351 ± 0.843	1927.0	4.55 ± 0.28	
14-16	42.69	12.044 ± 0.849	1914.3	3.92 ± 0.22	



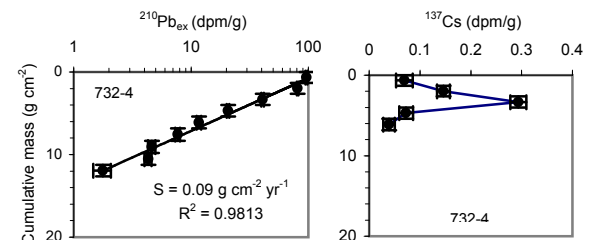
732-3 (22°5.39'N, 119°54.43'E; 1513 m; collected on September 30, 2004)

0-2	50.07	0.687 ± 0.687	1996.3	79.89 ± 1.43	0.061 ± 0.021
2-4	52.11	2.018 ± 0.645	1979.9	49.46 ± 1.20	0.166 ± 0.025
4-6	47.64	3.402 ± 0.738	1962.9	29.60 ± 0.64	0.178 ± 0.019
6-8	47.08	4.890 ± 0.750	1944.6	20.10 ± 0.68	0.063 ± 0.019
8-10	45.95	6.415 ± 0.775	1925.8	8.24 ± 0.35	0.009 ± 0.016
10-12	44.76	7.991 ± 0.802	1906.5	7.73 ± 0.30	
12-14	45.13	9.585 ± 0.793	1886.8	3.44 ± 0.21	
14-16	45.03	11.174 ± 0.795	1867.3	1.25 ± 0.32	



732-4 (22°2.58'N, 119°51.88'E; 1636 m; collected on October 1, 2004)

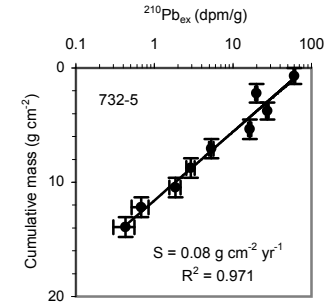
0-2	51.71	0.653 ± 0.653	1997.2	96.11 ± 1.77	0.069 ± 0.017
2-4	51.03	1.973 ± 0.667	1981.9	80.98 ± 1.19	0.146 ± 0.013
4-6	50.13	3.326 ± 0.685	1966.3	40.74 ± 1.15	0.294 ± 0.016
6-8	49.96	4.700 ± 0.689	1950.4	20.62 ± 0.52	0.073 ± 0.014
8-10	48.26	6.114 ± 0.725	1934.1	11.68 ± 0.53	0.039 ± 0.011
10-12	47.59	7.577 ± 0.739	1917.2	7.69 ± 0.36	



12-14	47.06	9.066 ± 0.750	1899.9	4.63 ± 0.33
14-16	48.44	10.538 ± 0.721	1882.9	4.32 ± 0.30
16-18	49.93	11.948 ± 0.690	1866.6	1.77 ± 0.30

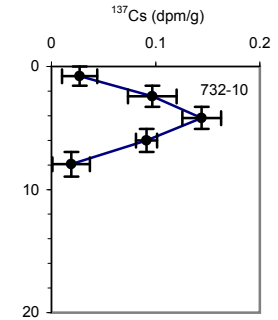
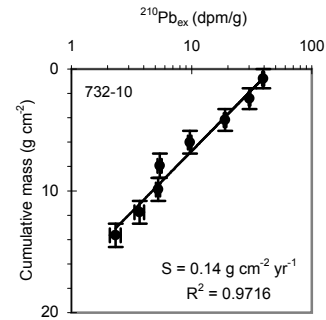
732-5 (22°0.54'N, 119°49.83'E; 1630 m; collected on October 1, 2004)

0-2	49.55	0.697 ± 0.697	1996.1	60.44 ± 1.44
2-4	44.20	2.209 ± 0.814	1977.5	19.82 ± 0.58
4-6	47.46	3.765 ± 0.742	1958.3	27.37 ± 0.97
6-8	42.62	5.358 ± 0.851	1938.7	16.35 ± 0.82
8-10	42.72	7.057 ± 0.849	1917.7	5.31 ± 0.33
10-12	42.87	8.751 ± 0.845	1896.8	2.89 ± 0.36
12-14	42.30	10.455 ± 0.859	1875.8	1.85 ± 0.30
14-16	41.94	12.180 ± 0.867	1854.6	0.68 ± 0.16
16-18	41.72	13.920 ± 0.872	1833.1	0.43 ± 0.13



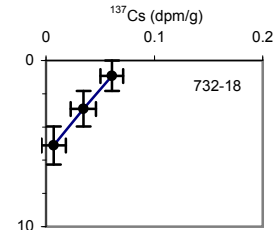
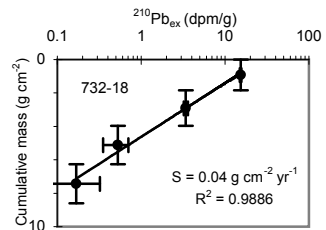
732-10 (21°52.88'N, 120°9.18'E; 1562 m; collected on October 2, 2004)

0-2	45.54	0.784 ± 0.784	1999.0	39.33 ± 0.67	0.027 ± 0.017
2-4	42.48	2.422 ± 0.854	1986.9	30.29 ± 0.44	0.097 ± 0.023
4-6	40.51	4.178 ± 0.902	1974.0	18.98 ± 0.51	0.144 ± 0.019
6-8	39.19	6.014 ± 0.934	1960.4	9.65 ± 0.31	0.091 ± 0.010
8-10	36.90	7.942 ± 0.993	1946.2	5.42 ± 0.21	0.019 ± 0.018
10-12	38.92	9.877 ± 0.941	1932.0	5.26 ± 0.22	
12-14	39.26	11.751 ± 0.933	1918.2	3.69 ± 0.34	
14-16	38.05	13.647 ± 0.963	1904.2	2.33 ± 0.24	



732-18 (21°59.29'N, 120°12.02'E; 1074 m; collected on October 2, 2004)

0-2	39.82	0.919 ± 0.919	1983.6	15.32 ± 0.35	0.061 ± 0.010
2-4	34.16	2.904 ± 1.067	1938.0	3.40 ± 0.19	0.034 ± 0.012
4-6	31.49	5.115 ± 1.143	1887.2	0.53 ± 0.18	0.007 ± 0.011
6-8	30.66	7.425 ± 1.168	1834.1	0.17 ± 0.15	

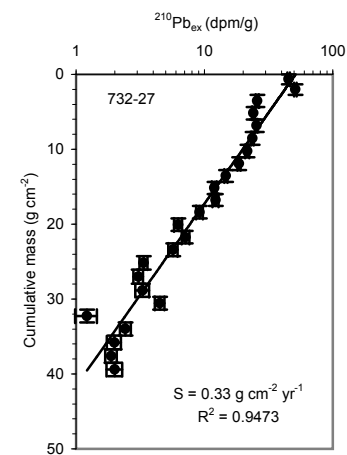


732-27 (22°11.28'N, 120°15.88'E; 822 m; collected on October 2, 2004)

0-2	51.75	0.652 ± 0.652	2002.8	45.39 ± 1.02
2-4	48.38	2.027 ± 0.722	1998.6	51.00 ± 1.23
4-6	44.59	3.554 ± 0.805	1993.9	25.83 ± 0.70
6-8	43.61	5.188 ± 0.828	1989.0	24.13 ± 0.65
8-10	43.16	6.854 ± 0.838	1983.9	25.45 ± 0.51
10-12	42.47	8.547 ± 0.854	1978.8	23.61 ± 0.54
12-14	42.96	10.244 ± 0.843	1973.6	21.56 ± 0.83
14-16	43.26	11.923 ± 0.836	1968.5	18.58 ± 0.52
16-18	45.02	13.555 ± 0.796	1963.6	14.71 ± 0.42
18-20	44.32	15.162 ± 0.811	1958.7	11.94 ± 0.52
20-22	44.60	16.778 ± 0.805	1953.8	12.21 ± 0.64
22-24	43.81	18.407 ± 0.823	1948.8	9.17 ± 0.58
24-26	43.07	20.071 ± 0.841	1943.7	6.23 ± 0.44
26-28	43.52	21.741 ± 0.830	1938.7	7.14 ± 0.49
28-30	42.97	23.414 ± 0.843	1933.6	5.69 ± 0.48
30-32	40.23	25.165 ± 0.908	1928.3	3.36 ± 0.24
32-34	38.89	27.015 ± 0.942	1922.6	3.06 ± 0.26
34-36	41.65	28.831 ± 0.874	1917.1	3.30 ± 0.41
36-38	42.32	30.564 ± 0.858	1911.9	4.49 ± 0.38
38-40	42.95	32.265 ± 0.843	1906.7	1.22 ± 0.24
40-42	41.23	33.992 ± 0.884	1901.4	2.43 ± 0.24
42-44	39.90	35.793 ± 0.917	1896.0	1.99 ± 0.25
44-46	40.36	37.616 ± 0.905	1890.4	1.88 ± 0.20
46-48	40.71	39.418 ± 0.897	1884.9	2.00 ± 0.28

732-28 (22°14.28'N, 120°19.19'E; 415 m; collected on October 3, 2004)

0-2	40.90	0.892 ± 0.892	2000.8	21.24 ± 0.77
2-4	34.82	2.833 ± 1.049	1992.3	15.33 ± 0.71



4-6	34.18	4.949 ± 1.066	1983.1	14.00 ± 0.71
6-8	33.01	7.115 ± 1.099	1973.6	7.07 ± 0.56
8-10	32.13	9.339 ± 1.124	1963.8	9.40 ± 0.34
10-12	30.68	11.630 ± 1.167	1953.7	5.44 ± 0.32
12-14	31.30	13.946 ± 1.149	1930.6	1.59 ± 0.30
14-16	30.73	16.260 ± 1.165	1907.4	0.97 ± 0.20
16-18	30.77	18.590 ± 1.164	1884.2	0.65 ± 0.21

732-30 (22°19.07'N, 120°24.18'E; 119 m; collected on October 3, 2004)

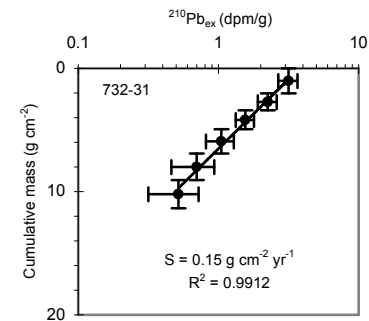
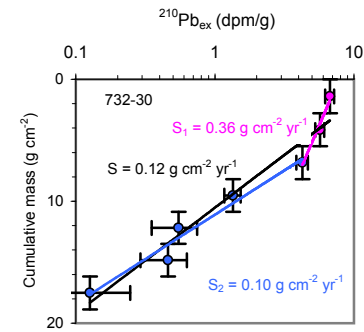
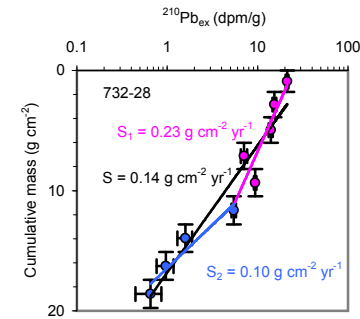
0-2	23.57	1.395 ± 1.395	2000.9	6.71 ± 0.51
2-4	24.97	4.137 ± 1.347	1993.3	5.70 ± 0.42
4-6	25.00	6.831 ± 1.346	1985.9	4.26 ± 0.41
6-8	25.06	9.522 ± 1.344	1958.4	1.35 ± 0.18
8-10	25.93	12.182 ± 1.316	1931.3	0.55 ± 0.20
10-12	25.39	14.830 ± 1.333	1904.3	0.46 ± 0.17
12-14	24.94	17.512 ± 1.348	1876.9	0.13 ± 0.12

732-31 (22°21.54'N, 120°25.81'E; 68 m; collected on October 3, 2004)

0-2	35.95	1.018 ± 1.018	1998.1	3.17 ± 0.49
2-4	50.04	2.724 ± 0.687	1986.9	2.25 ± 0.35
4-6	46.71	4.170 ± 0.758	1977.4	1.56 ± 0.23
6-8	36.76	5.925 ± 0.997	1965.8	1.05 ± 0.23
8-10	33.78	7.999 ± 1.078	1952.2	0.70 ± 0.24
10-12	31.85	10.210 ± 1.133	1937.7	0.52 ± 0.20

732-32 (22°24.36'N, 120°24.54'E; 350 m; collected on October 4, 2004)

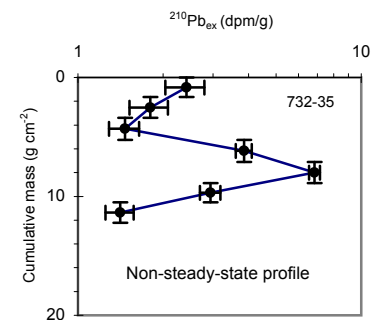
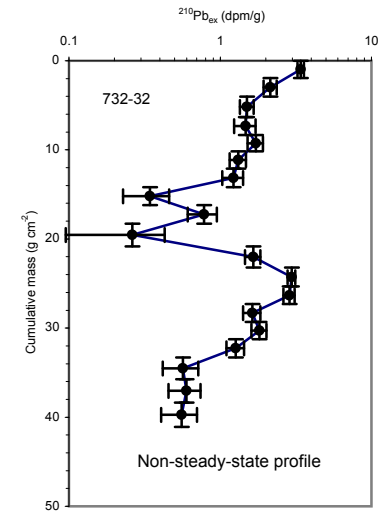
0-2	38.09	0.962 ± 0.962		3.41 ± 0.17
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2-4	35.03	2.968 ± 1.043	2.15 ± 0.22
4-6	31.23	5.162 ± 1.151	1.51 ± 0.16
6-8	36.01	7.329 ± 1.017	1.47 ± 0.24
8-10	40.04	9.259 ± 0.913	1.72 ± 0.20
10-12	37.93	11.139 ± 0.966	1.32 ± 0.17
12-14	34.94	13.151 ± 1.046	1.23 ± 0.19
14-16	36.67	15.196 ± 0.999	0.34 ± 0.12
16-18	35.05	17.238 ± 1.043	0.78 ± 0.17
18-20	27.11	19.558 ± 1.277	0.26 ± 0.17
20-22	30.07	22.021 ± 1.185	1.65 ± 0.19
22-24	34.21	24.272 ± 1.066	2.97 ± 0.18
24-26	37.14	26.325 ± 0.987	2.87 ± 0.24
26-28	36.46	28.316 ± 1.005	1.63 ± 0.22
28-30	37.80	30.291 ± 0.970	1.82 ± 0.21
30-32	36.18	32.274 ± 1.012	1.27 ± 0.17
32-34	28.77	34.511 ± 1.225	0.57 ± 0.15
34-36	26.23	37.042 ± 1.306	0.60 ± 0.14
36-38	24.35	39.716 ± 1.368	0.56 ± 0.15

732-35 (22°22.32'N, 120°19.14'E; 511 m; collected on October 4, 2004)

0-2	43.80	0.823 ± 0.823	2.42 ± 0.38
2-4	41.82	2.517 ± 0.870	1.80 ± 0.28
4-6	39.48	4.314 ± 0.927	1.47 ± 0.18
6-8	39.29	6.173 ± 0.932	3.86 ± 0.25
8-10	41.09	7.993 ± 0.888	6.84 ± 0.30
10-12	44.73	9.683 ± 0.802	2.94 ± 0.25
12-14	42.12	11.348 ± 0.863	1.41 ± 0.16

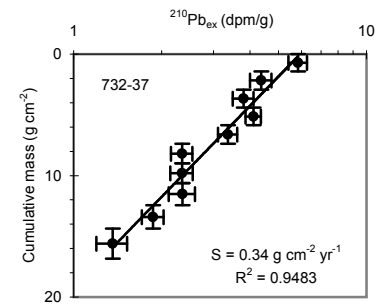
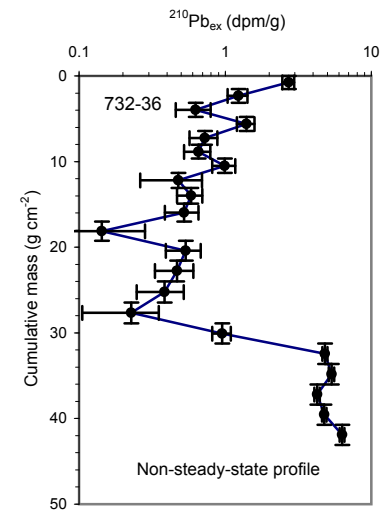


732-36 (22°20.81'N, 120°16.31'E; 622 m; collected on October 4, 2004)

0-2	46.55	0.762 ± 0.762		2.72 ± 0.25
2-4	44.67	2.327 ± 0.804		1.23 ± 0.19
4-6	43.61	3.958 ± 0.828		0.63 ± 0.17
6-8	44.01	5.605 ± 0.819		1.40 ± 0.19
8-10	44.23	7.237 ± 0.814		0.73 ± 0.16
10-12	44.70	8.853 ± 0.803		0.66 ± 0.13
12-14	43.06	10.496 ± 0.841		0.99 ± 0.18
14-16	42.11	12.200 ± 0.863		0.48 ± 0.22
16-18	39.89	13.980 ± 0.917		0.58 ± 0.12
18-20	34.55	15.953 ± 1.056		0.52 ± 0.14
20-22	32.45	18.125 ± 1.115		0.14 ± 0.14
22-24	30.68	20.407 ± 1.167		0.54 ± 0.14
24-26	29.51	22.776 ± 1.202		0.47 ± 0.14
26-28	28.46	25.213 ± 1.235		0.38 ± 0.14
28-30	28.98	27.666 ± 1.218		0.23 ± 0.12
30-32	30.01	30.072 ± 1.187		0.95 ± 0.14
32-34	29.80	32.452 ± 1.193		4.82 ± 0.19
34-36	30.24	34.826 ± 1.180		5.35 ± 0.23
36-38	30.24	37.186 ± 1.180		4.25 ± 0.18
38-40	30.24	39.547 ± 1.180		4.76 ± 0.17
40-42	30.24	41.908 ± 1.180		6.31 ± 0.24

732-37 (22°18.85'N, 120°13.53'E; 975 m; collected on October 4, 2004)

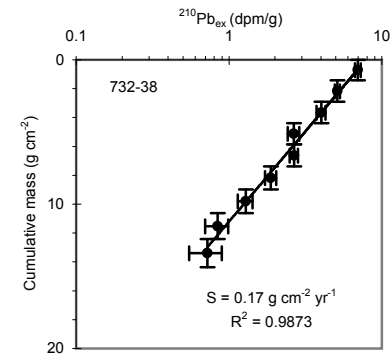
0-2	48.82	0.713 ± 0.713	2002.6	5.84 ± 0.42
2-4	47.33	2.170 ± 0.745	1998.3	4.37 ± 0.37
4-6	47.62	3.653 ± 0.738	1993.9	3.80 ± 0.31
6-8	47.75	5.127 ± 0.735	1989.5	4.11 ± 0.25
8-10	46.69	6.620 ± 0.758	1985.0	3.36 ± 0.25



10-12	44.68	8.182 ± 0.803	1980.4	2.35 ± 0.20
12-14	43.87	9.807 ± 0.822	1975.5	2.34 ± 0.21
14-16	40.62	11.528 ± 0.899	1970.4	2.35 ± 0.24
16-18	37.67	13.400 ± 0.973	1964.8	1.87 ± 0.16
18-20	28.64	15.602 ± 1.229	1958.2	1.36 ± 0.16

732-38 (22°15.70'N, 120°11.32'E; 1156 m; collected on October 4, 2004)

0-2	48.82	0.713 ± 0.713	2000.5	6.98 ± 0.30
2-4	47.33	2.170 ± 0.745	1991.9	5.12 ± 0.20
4-6	47.62	3.653 ± 0.738	1983.1	4.01 ± 0.27
6-8	47.75	5.127 ± 0.735	1974.4	2.66 ± 0.23
8-10	46.69	6.620 ± 0.758	1965.6	2.66 ± 0.16
10-12	44.68	8.182 ± 0.803	1956.3	1.88 ± 0.16
12-14	43.87	9.807 ± 0.822	1946.7	1.29 ± 0.14
14-16	40.62	11.528 ± 0.899	1936.5	0.84 ± 0.14
16-18	37.67	13.400 ± 0.973	1925.5	0.72 ± 0.17



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

** Chronologies are established from ²¹⁰Pb decay in hemipelagic sediments and constrained by ¹³⁷Cs stratigraphy where available.