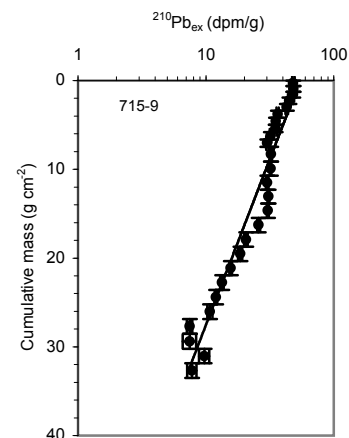


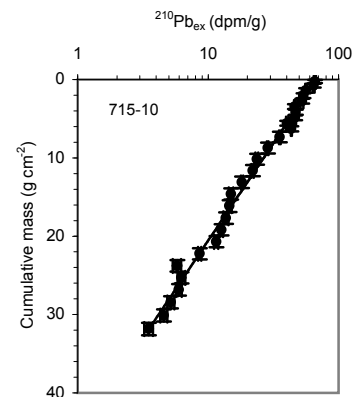
Huh et al. Downcore data on water content, cumulative mass, nuclide activities and sediment chronology

Depth (cm)	Content of water (%)	Cumulative mass* (g cm <sup>-2</sup> )	Mean deposition time (A.D.)**	<sup>210</sup> Pb <sub>ex</sub>	<sup>137</sup> Cs
				(dpm g <sup>-1</sup> )	
<b>715-9 (24°56.50'N, 122°19.00'E; 1284 m; collected on April 15, 2004)</b>					
0-1	54.06	0.303 ± 0.303	2003.8	48.23 ± 1.03	
1-2	52.42	0.927 ± 0.320	2002.5	48.25 ± 1.03	
2-3	50.51	1.585 ± 0.339	2001.2	48.03 ± 0.95	
3-4	48.71	2.281 ± 0.357	1999.8	44.76 ± 0.81	
4-5	47.78	3.006 ± 0.367	1998.4	42.89 ± 1.02	
5-6	43.65	3.787 ± 0.413	1996.8	36.38 ± 0.65	
6-7	45.12	4.597 ± 0.397	1995.2	35.13 ± 0.87	
7-8	44.83	5.394 ± 0.400	1993.6	35.07 ± 0.80	
8-9	43.47	6.210 ± 0.416	1992.0	32.06 ± 0.46	
9-10	42.67	7.050 ± 0.425	1990.4	30.24 ± 0.55	
10-12	43.64	8.302 ± 0.827	1987.9	32.36 ± 0.46	0.064 ± 0.015
12-14	45.02	9.925 ± 0.796	1984.7	32.09 ± 0.43	0.084 ± 0.020
14-16	45.40	11.51 ± 0.79	1981.6	30.12 ± 0.68	0.081 ± 0.026
16-18	46.13	13.07 ± 0.77	1978.5	30.90 ± 0.54	0.092 ± 0.022
18-20	44.37	14.65 ± 0.81	1975.4	30.51 ± 0.47	0.050 ± 0.018
20-22	43.99	16.28 ± 0.82	1972.2	25.88 ± 0.66	0.121 ± 0.026
22-24	44.24	17.91 ± 0.81	1969.0	20.57 ± 0.69	0.128 ± 0.043
24-26	44.45	19.53 ± 0.81	1965.8	18.55 ± 0.69	0.176 ± 0.043
26-28	44.63	21.14 ± 0.80	1962.6	15.61 ± 0.36	0.172 ± 0.017
28-30	44.01	22.77 ± 0.82	1959.4	13.35 ± 0.46	0.131 ± 0.022
30-32	43.90	24.41 ± 0.821	1956.1	11.97 ± 0.27	0.038 ± 0.012
32-34	44.22	26.04 ± 0.814	1952.9	10.76 ± 0.49	
34-36	42.83	27.70 ± 0.846	1949.7	7.46 ± 0.35	
36-38	43.15	29.39 ± 0.839	1946.3	7.47 ± 0.89	
38-40	44.02	31.04 ± 0.818	1943.1	9.74 ± 0.89	
40-42	43.69	32.69 ± 0.826	1939.8	7.79 ± 0.63	



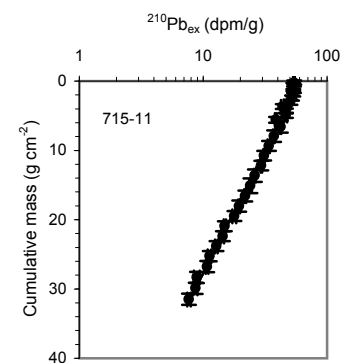
**715-10 (25°01.00'N, 122°23.52'E; 1274 m; collected on April 15, 2004)**

0-1	60.54	0.244 ± 0.244	2003.4	65.80 ± 1.24	
1-2	55.59	0.777 ± 0.289	2001.6	64.19 ± 1.09	
2-3	51.94	1.390 ± 0.324	1999.4	56.28 ± 0.83	
3-4	49.46	2.064 ± 0.350	1997.1	53.65 ± 0.61	
4-5	49.76	2.760 ± 0.347	1994.6	52.41 ± 1.34	
5-6	48.81	3.463 ± 0.356	1992.2	46.24 ± 0.70	
6-7	49.57	4.168 ± 0.349	1989.7	46.86 ± 0.56	
7-8	48.94	4.872 ± 0.355	1987.2	46.27 ± 0.80	
8-9	48.62	5.585 ± 0.358	1984.7	40.32 ± 0.81	
9-10	49.45	6.294 ± 0.350	1982.2	43.42 ± 0.42	0.206 ± 0.044
10-12	49.79	7.336 ± 0.692	1978.6	35.44 ± 0.44	0.152 ± 0.056
12-14	48.55	8.747 ± 0.718	1973.6	28.67 ± 0.41	0.123 ± 0.060
14-16	48.76	10.179 ± 0.714	1968.6	23.64 ± 0.62	0.358 ± 0.100
16-18	47.75	11.629 ± 0.736	1963.5	21.94 ± 0.46	0.407 ± 0.073
18-20	47.30	13.110 ± 0.745	1958.4	18.20 ± 0.40	0.117 ± 0.073
20-22	46.22	14.624 ± 0.769	1953.0	15.01 ± 0.58	
22-24	46.51	16.155 ± 0.762	1947.7	14.59 ± 0.59	
24-26	46.72	17.675 ± 0.758	1942.4	13.68 ± 0.60	
26-28	46.73	19.191 ± 0.758	1937.0	12.64 ± 0.36	
28-30	46.64	20.708 ± 0.760	1931.7	11.54 ± 0.41	
30-32	45.98	22.24 ± 0.774	1926.4	8.63 ± 0.24	
32-34	46.64	23.78 ± 0.760	1921.0	5.79 ± 0.43	
34-36	46.11	25.31 ± 0.771	1915.6	6.25 ± 0.41	
36-38	45.75	26.86 ± 0.779	1910.2	5.97 ± 0.30	
38-40	44.37	28.45 ± 0.810	1904.6	5.18 ± 0.32	
40-42	42.33	30.12 ± 0.858	1898.8	4.58 ± 0.28	
42-44	42.08	31.84 ± 0.864	1892.7	3.51 ± 0.27	



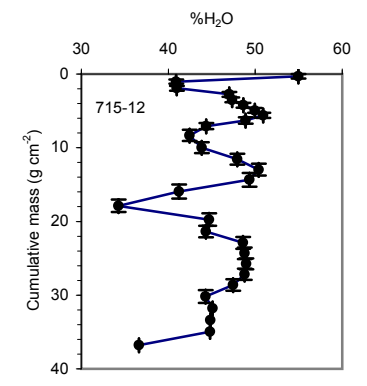
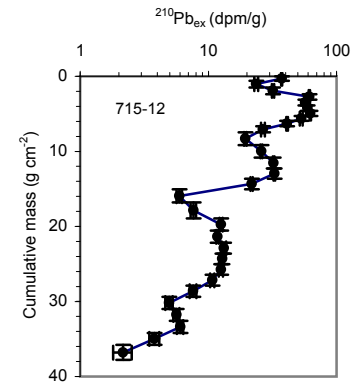
**715-11 (25°04.94'N, 122°26.50'E; 1146 m; collected on April 15, 2004)**

0-1	63.26	0.221 ± 0.221	2003.8	54.04 ± 0.93	
1-2	58.83	0.701 ± 0.259	2002.6	53.33 ± 1.31	
2-3	55.78	1.248 ± 0.287	2001.3	53.71 ± 0.64	
3-4	54.92	1.830 ± 0.295	1999.8	53.14 ± 0.90	
4-5	53.80	2.431 ± 0.306	1998.4	51.89 ± 0.54	
5-6	53.15	3.050 ± 0.312	1996.9	50.42 ± 0.70	
6-7	52.45	3.681 ± 0.319	1995.4	43.64 ± 1.13	
7-8	52.90	4.315 ± 0.315	1993.8	46.29 ± 0.62	
8-9	52.54	4.948 ± 0.318	1992.3	46.31 ± 1.15	
9-10	52.39	5.586 ± 0.320	1990.7	38.66 ± 0.73	
10-12	50.58	6.582 ± 0.676	1988.3	42.29 ± 0.49	
12-14	49.71	7.953 ± 0.694	1985.0	37.18 ± 0.51	0.095 ± 0.017
14-16	49.06	9.354 ± 0.708	1981.6	33.79 ± 0.67	0.089 ± 0.028
16-18	48.96	10.772 ± 0.710	1978.1	30.98 ± 0.40	0.125 ± 0.018
18-20	48.29	12.205 ± 0.724	1974.7	29.42 ± 0.42	0.153 ± 0.020
20-22	48.78	13.643 ± 0.714	1971.2	26.02 ± 0.45	0.314 ± 0.020
22-24	47.22	15.103 ± 0.747	1967.6	24.04 ± 0.47	0.277 ± 0.026
24-26	47.74	16.586 ± 0.736	1964.0	21.80 ± 0.42	0.242 ± 0.018
26-28	48.50	18.041 ± 0.719	1960.5	19.47 ± 0.38	0.118 ± 0.015
28-30	48.49	19.480 ± 0.720	1957.0	17.83 ± 0.63	0.036 ± 0.032
30-32	48.16	20.93 ± 0.727	1953.5	14.93 ± 0.31	0.020 ± 0.013
32-34	47.94	22.39 ± 0.731	1950.0	14.36 ± 0.37	0.024 ± 0.020
34-36	49.06	23.82 ± 0.708	1946.5	12.76 ± 0.29	
36-38	47.62	25.27 ± 0.738	1943.0	11.24 ± 0.35	
38-40	46.26	26.78 ± 0.768	1939.3	10.75 ± 0.27	
40-42	45.46	28.33 ± 0.786	1935.5	8.90 ± 0.47	
42-44	45.27	29.91 ± 0.790	1931.7	8.66 ± 0.34	
44-46	45.36	31.48 ± 0.788	1927.9	7.67 ± 0.26	



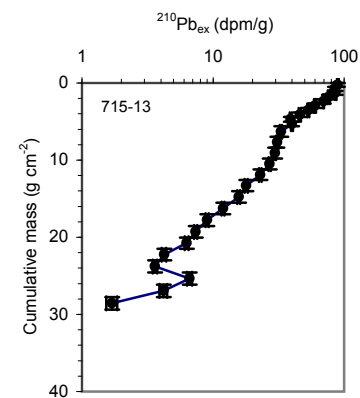
715-12 (25°00.03'N, 122°30.01'E; 1525 m; collected on April 15, 2004)

0-1	54.95	0.295 ± 0.295	2003.7	37.32 ± 0.37	
1-2	40.89	1.036 ± 0.446	<b>2002.2</b>	23.59 ± 0.84	
2-3	40.96	1.927 ± 0.445	1999.1	31.90 ± 0.68	
3-4	46.99	2.749 ± 0.376	1997.4	61.42 ± 0.72	
4-5	47.35	3.497 ± 0.372	1995.8	56.93 ± 0.92	
5-6	48.62	4.227 ± 0.358	1994.3	59.28 ± 0.61	
6-7	49.96	4.930 ± 0.344	1992.8	62.35 ± 0.81	
7-8	50.89	5.610 ± 0.335	1991.4	52.98 ± 1.35	
8-9	48.89	6.300 ± 0.356	1989.9	41.12 ± 0.62	0.122 ± 0.033
9-10	44.34	7.061 ± 0.406	1988.3	26.66 ± 0.96	0.070 ± 0.010
10-12	42.44	8.322 ± 0.855	<b>1986.9</b>	19.45 ± 0.46	0.073 ± 0.008
12-14	43.85	10.00 ± 0.82	1980.8	25.93 ± 0.42	0.050 ± 0.008
14-16	47.91	11.55 ± 0.73	1975.2	32.29 ± 0.42	0.081 ± 0.008
16-18	50.40	12.97 ± 0.68	1970.1	32.71 ± 0.47	0.155 ± 0.016
18-20	49.31	14.35 ± 0.70	1965.1	21.78 ± 0.44	0.139 ± 0.019
20-22	41.24	15.93 ± 0.88	<b>1959.3</b>	5.93 ± 0.30	0.031 ± 0.008
22-24	34.26	17.88 ± 1.06	1955.2	7.64 ± 0.36	0.072 ± 0.013
24-26	44.67	19.75 ± 0.80	1951.2	12.54 ± 0.35	0.120 ± 0.009
26-28	44.33	21.37 ± 0.81	<b>1947.7</b>	11.75 ± 0.27	0.032 ± 0.007
28-30	48.59	22.89 ± 0.72	1943.4	13.20 ± 0.52	
30-32	48.77	24.33 ± 0.714	1939.3	12.87 ± 0.36	
32-34	48.96	25.75 ± 0.710	1935.3	12.53 ± 0.47	
34-36	48.77	27.17 ± 0.714	1931.3	10.74 ± 0.40	
36-38	47.46	28.63 ± 0.742	1927.1	7.61 ± 0.44	
38-40	44.27	30.18 ± 0.813	<b>1922.7</b>	4.95 ± 0.34	
40-42	45.09	31.79 ± 0.794	1918.4	5.64 ± 0.32	
42-44	44.85	33.38 ± 0.800	1914.1	6.03 ± 0.34	
44-46	44.81	34.98 ± 0.800	1909.9	3.80 ± 0.33	
46-48	36.63	36.78 ± 1.00	1905.0	2.16 ± 0.36	



**715-13 (25°02.01'N, 122°35.02'E; 1397 m; collected on April 15, 2004)**

0-1	60.58	0.244 ± 0.244	2002.8	89.42 ± 1.30	
1-2	57.91	0.755 ± 0.267	1999.8	84.87 ± 1.09	
2-3	58.18	1.288 ± 0.265	1996.6	86.04 ± 1.20	
3-4	57.24	1.826 ± 0.274	1993.4	76.32 ± 1.12	0.050 ± 0.022
4-5	56.40	2.381 ± 0.281	1990.1	69.61 ± 0.72	0.098 ± 0.013
5-6	56.77	2.940 ± 0.278	1986.7	59.86 ± 0.98	0.061 ± 0.016
6-7	55.34	3.509 ± 0.291	1983.3	53.41 ± 0.89	0.109 ± 0.029
7-8	54.45	4.100 ± 0.300	1979.8	45.91 ± 0.81	0.108 ± 0.017
8-9	54.17	4.702 ± 0.302	1976.2	39.14 ± 0.64	0.158 ± 0.015
9-10	53.60	5.313 ± 0.308	1972.6	39.96 ± 0.72	0.174 ± 0.013
10-12	50.73	6.294 ± 0.673	1966.7	32.96 ± 0.73	0.244 ± 0.010
12-14	49.15	7.673 ± 0.706	1964.6	30.93 ± 0.60	0.191 ± 0.011
14-16	48.90	9.089 ± 0.711	1962.5	29.61 ± 0.63	0.100 ± 0.008
16-18	49.61	10.50 ± 0.696	1960.4	27.01 ± 0.54	0.079 ± 0.012
18-20	49.60	11.89 ± 0.696	1956.5	22.93 ± 0.46	0.038 ± 0.008
20-22	48.17	13.31 ± 0.727	1952.4	17.92 ± 0.48	0.039 ± 0.008
22-24	47.40	14.78 ± 0.743	1948.2	15.69 ± 0.38	
24-26	47.45	16.27 ± 0.742	1944.0	11.92 ± 0.30	
26-28	46.21	17.78 ± 0.769	1939.7	9.02 ± 0.24	
28-30	47.22	19.29 ± 0.747	1935.4	7.36 ± 0.21	
30-32	48.53	20.76 ± 0.719	1931.3	6.29 ± 0.21	
32-34	46.76	22.24 ± 0.757	1927.1	4.23 ± 0.16	
34-36	45.74	23.77 ± 0.780	1922.7	3.61 ± 0.15	
36-38	45.07	25.35 ± 0.794	1916.2	6.62 ± 0.30	
38-40	44.71	26.94 ± 0.803	1909.6	4.19 ± 0.28	
40-42	44.42	28.55 ± 0.809	1903.0	1.69 ± 0.16	

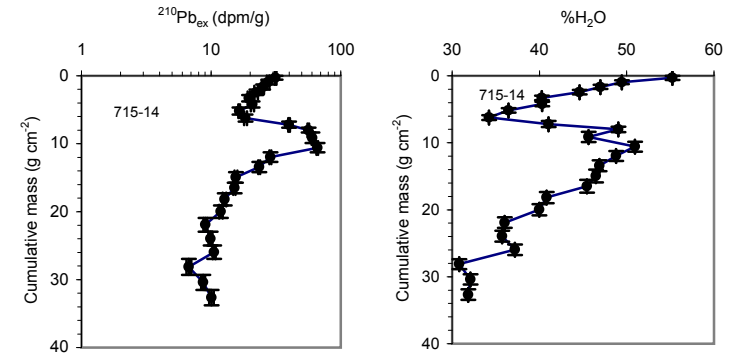


**715-14 (24°55.00'N, 122°35.01'E; 1521 m; collected on April 15, 2004)**

0-1	55.23	0.292 ± 0.292	2004.2	31.43 ± 0.44	0.058 ± 0.023
1-2	49.43	0.935 ± 0.350	2003.9	27.50 ± 0.59	0.030 ± 0.017
2-3	46.97	1.661 ± 0.376	2003.6	25.09 ± 0.52	0.035 ± 0.015
3-4	44.59	2.439 ± 0.403	2003.3	22.29 ± 0.70	0.074 ± 0.009
4-5	40.28	3.296 ± 0.454	2003.0	19.54 ± 0.40	0.051 ± 0.010
5-6	40.30	4.203 ± 0.453	2002.6	20.80 ± 0.56	0.044 ± 0.008
6-7	36.45	5.167 ± 0.510	<b>2002.2</b>	16.46 ± 0.27	0.009 ± 0.008
7-8	34.20	6.219 ± 0.542	2001.5	18.42 ± 0.46	0.011 ± 0.008
8-9	41.04	7.192 ± 0.432	2000.9	39.92 ± 0.50	0.039 ± 0.008
9-10	49.02	7.987 ± 0.363	2000.4	56.24 ± 0.82	0.031 ± 0.010
10-12	45.62	9.132 ± 0.782	1999.6	60.35 ± 0.63	0.039 ± 0.009
12-14	50.95	10.58 ± 0.67	1998.6	65.94 ± 0.95	0.048 ± 0.012
14-16	48.77	11.96 ± 0.71	1997.7	28.69 ± 0.47	0.067 ± 0.011
16-18	46.87	13.43 ± 0.755	1996.7	23.50 ± 0.40	0.070 ± 0.005
18-20	46.46	14.95 ± 0.764	1995.7	15.53 ± 0.38	0.071 ± 0.005
20-22	45.44	16.50 ± 0.786	1994.7	15.10 ± 0.32	0.054 ± 0.006
22-24	40.83	18.18 ± 0.894	1993.5	12.67 ± 0.37	0.054 ± 0.006
24-26	39.98	19.99 ± 0.915	1992.3	11.88 ± 0.38	0.059 ± 0.005
26-28	36.03	21.92 ± 1.016	1991.0	9.05 ± 0.31	0.042 ± 0.006
28-30	35.71	23.96 ± 1.025	1989.7	9.91 ± 0.33	0.034 ± 0.005
30-32	37.18	25.97 ± 0.986	1988.3	10.55 ± 0.27	0.061 ± 0.012
32-34	30.79	28.12 ± 1.164	<b>1986.9</b>	6.73 ± 0.29	0.045 ± 0.011
34-36	32.10	30.41 ± 1.125		8.67 ± 0.29	0.046 ± 0.010
36-38	31.83	32.67 ± 1.133		10.06 ± 0.38	0.039 ± 0.010

**715-15 (24°49.00'N, 122°35.01'E; 1318 m; collected on April 15, 2004)**

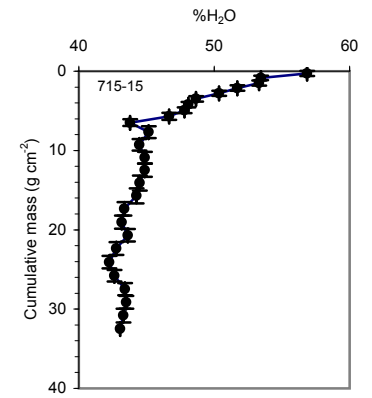
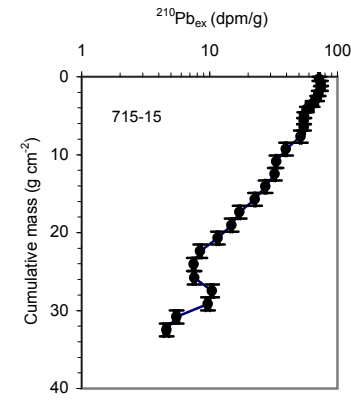
0-1	56.85	0.277 ± 0.277	2003.4	71.80 ± 1.11	0.052 ± 0.008
1-2	53.46	0.864 ± 0.309	2001.5	74.22 ± 1.05	0.037 ± 0.006
2-3	53.30	1.484 ± 0.311	1999.5	73.96 ± 0.91	0.063 ± 0.010
3-4	51.70	2.121 ± 0.327	1997.5	71.25 ± 0.85	0.055 ± 0.007



4-5	50.35	2.788 ± 0.340	1995.3	69.33 ± 0.94	0.064 ± 0.008
5-6	48.65	3.487 ± 0.358	1993.1	63.83 ± 0.99	0.053 ± 0.007
6-7	48.09	4.209 ± 0.364	1990.7	57.42 ± 0.87	0.077 ± 0.010
7-8	47.80	4.940 ± 0.367	1988.4	55.05 ± 0.85	0.084 ± 0.006
8-9	46.67	5.687 ± 0.379	<b>1986.9</b>	54.68 ± 0.77	0.081 ± 0.006
9-10	43.79	6.478 ± 0.412	1984.1	54.74 ± 0.80	0.078 ± 0.007
10-12	45.15	7.683 ± 0.793	1979.9	51.48 ± 0.81	0.091 ± 0.006
12-14	44.47	9.284 ± 0.808	1974.3	39.57 ± 0.72	0.112 ± 0.006
14-16	44.86	10.891 ± 0.799	1968.6	33.25 ± 0.60	0.151 ± 0.007
16-18	44.86	12.49 ± 0.799	1963.0	32.34 ± 0.57	0.156 ± 0.007
18-20	44.48	14.10 ± 0.808	1961.2	27.36 ± 0.53	0.109 ± 0.007
20-22	44.26	15.72 ± 0.813	1959.3	22.60 ± 0.44	0.062 ± 0.005
22-24	43.35	17.36 ± 0.834	1957.4	17.10 ± 0.37	0.027 ± 0.003
24-26	43.17	19.04 ± 0.838	1955.5	14.82 ± 0.31	0.004 ± 0.005
26-28	43.62	20.70 ± 0.828	1953.6	11.61 ± 0.32	
28-30	42.76	22.38 ± 0.848	1951.7	8.45 ± 0.22	
30-32	42.23	24.08 ± 0.860	1949.7	7.52 ± 0.22	
32-34	42.63	25.80 ± 0.851	<b>1947.7</b>	7.59 ± 0.21	
34-36	43.39	27.48 ± 0.833	1944.1	10.44 ± 0.26	
36-38	43.51	29.14 ± 0.830	1940.4	9.70 ± 0.39	
38-40	43.30	30.81 ± 0.835	1936.8	5.52 ± 0.24	
40-42	43.05	32.48 ± 0.841	1933.2	4.61 ± 0.22	

**715-16 (24°54.01'N, 122°30.00'E; 1492 m; collected on April 16, 2004)**

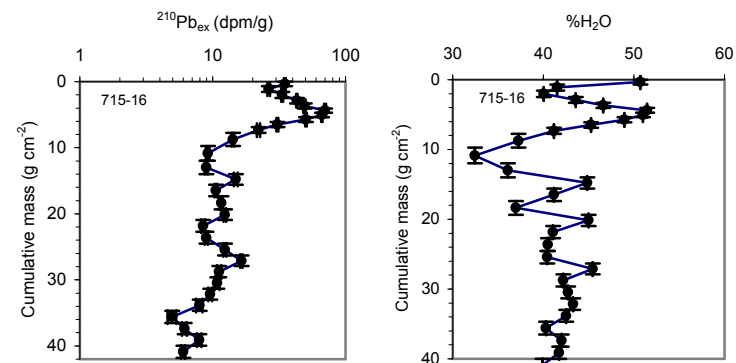
0-1	50.70	0.337 ± 0.337	2003.7	34.99 ± 0.44	0.054 ± 0.006
1-2	41.50	1.112 ± 0.439	<b>2002.2</b>	26.44 ± 0.57	0.045 ± 0.007
2-3	40.05	2.008 ± 0.457	1999.7	33.38 ± 0.59	0.039 ± 0.005
3-4	43.56	2.879 ± 0.415	1997.2	42.99 ± 0.54	0.048 ± 0.008
4-5	46.61	3.673 ± 0.380	1994.9	49.06 ± 0.97	0.050 ± 0.007
5-6	51.44	4.383 ± 0.329	1992.9	70.08 ± 1.07	0.061 ± 0.006



6-7	50.99	5.046 ± 0.334	1991.0	66.23 ± 0.76	0.053 ± 0.009
7-8	48.92	5.735 ± 0.355	1989.0	50.38 ± 0.65	0.063 ± 0.007
8-9	45.25	6.486 ± 0.395	1986.8	30.67 ± 0.52	0.067 ± 0.008
9-10	41.17	7.323 ± 0.443	1984.4	22.12 ± 0.59	0.044 ± 0.009
10-12	37.26	8.750 ± 0.984	1980.3	14.20 ± 0.33	0.061 ± 0.007
12-14	32.45	10.849 ± 1.115	1974.3	9.19 ± 0.27	0.032 ± 0.007
14-16	36.09	12.979 ± 1.015	1968.2	8.96 ± 0.25	0.088 ± 0.007
16-18	44.85	14.79 ± 0.799	1963.0	14.92 ± 0.47	0.251 ± 0.010
18-20	41.16	16.48 ± 0.886	<b>1959.3</b>	10.59 ± 0.24	0.095 ± 0.008
20-22	36.97	18.36 ± 0.991	1955.3	11.59 ± 0.28	0.100 ± 0.009
22-24	44.97	20.14 ± 0.797	1951.4	12.36 ± 0.30	0.090 ± 0.009
24-26	41.05	21.83 ± 0.888	<b>1947.7</b>	8.49 ± 0.29	0.029 ± 0.006
26-28	40.51	23.62 ± 0.902	1944.5	8.95 ± 0.26	0.012 ± 0.006
28-30	40.42	25.42 ± 0.904	1941.2	12.34 ± 0.33	0.006 ± 0.007
30-32	45.45	27.11 ± 0.786	1938.1	16.44 ± 0.35	
32-34	42.20	28.76 ± 0.861	1935.1	11.19 ± 0.40	
34-36	42.72	30.47 ± 0.849	1932.0	10.83 ± 0.42	
36-38	43.30	32.15 ± 0.835	1928.9	9.58 ± 0.33	
38-40	42.51	33.84 ± 0.853	1925.9	7.95 ± 0.43	
40-42	40.29	35.60 ± 0.907	<b>1922.7</b>	4.94 ± 0.37	
42-44	42.01	37.38 ± 0.865	1918.6	6.13 ± 0.25	
44-46	41.72	39.11 ± 0.872	1914.6	7.93 ± 0.32	
46-48	39.91	40.90 ± 0.917	1910.5	5.99 ± 0.22	

**715-18 (24°50.03'N, 122°26.50'E; 1312 m; collected on April 16, 2004)**

0-1	54.24	0.302 ± 0.302	<b>2002.2</b>	57.68 ± 0.35	0.048 ± 0.009
1-2	51.88	0.928 ± 0.325	2000.5	62.41 ± 0.40	0.028 ± 0.011
2-3	51.22	1.585 ± 0.332	1998.7	57.69 ± 0.30	0.062 ± 0.009
3-4	50.25	2.258 ± 0.341	1996.8	53.79 ± 0.38	0.049 ± 0.011
4-5	49.68	2.947 ± 0.347	1994.9	52.90 ± 0.41	0.053 ± 0.014

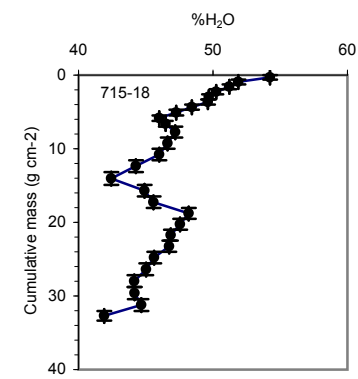
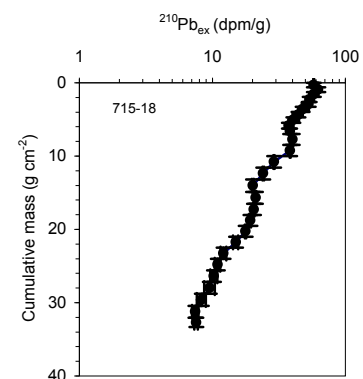




5-6	49.62	3.642 ± 0.348	1993.0	47.50 ± 0.43	0.037 ± 0.016
6-7	48.44	4.351 ± 0.360	1991.0	44.36 ± 0.30	0.040 ± 0.012
7-8	47.26	5.084 ± 0.373	1989.0	40.41 ± 0.25	0.020 ± 0.010
8-9	46.00	5.844 ± 0.387	<b>1986.9</b>	37.54 ± 0.27	0.044 ± 0.010
9-10	46.49	6.612 ± 0.381	1984.3	38.27 ± 0.27	0.035 ± 0.010
10-12	47.18	7.741 ± 0.748	1980.5	40.15 ± 0.35	0.058 ± 0.012
12-14	46.62	9.249 ± 0.760	1975.4	38.38 ± 0.33	0.102 ± 0.011
14-16	45.99	10.783 ± 0.774	1970.3	29.04 ± 0.27	0.113 ± 0.010
16-18	44.27	12.37 ± 0.813	1964.9	24.13 ± 0.28	0.132 ± 0.013
18-20	42.43	14.04 ± 0.856	<b>1959.3</b>	20.17 ± 0.32	0.146 ± 0.015
20-22	44.92	15.69 ± 0.798	1956.0	21.15 ± 0.27	0.144 ± 0.013
22-24	45.57	17.27 ± 0.783	1952.8	20.50 ± 0.23	0.139 ± 0.011
24-26	48.19	18.78 ± 0.726	1949.8	19.23 ± 0.22	0.059 ± 0.011
26-28	47.55	20.25 ± 0.740	1946.9	17.71 ± 0.19	0.022 ± 0.007
28-30	46.85	21.74 ± 0.755	1943.9	14.99 ± 0.67	
30-32	46.74	23.25 ± 0.757	1940.9	12.11 ± 0.61	
32-34	45.62	24.79 ± 0.782	1937.8	10.94 ± 0.53	
34-36	45.01	26.37 ± 0.796	1934.6	10.28 ± 0.64	
36-38	44.15	27.98 ± 0.815	1931.4	9.55 ± 0.89	
38-40	44.16	29.61 ± 0.815	1928.1	8.28 ± 0.64	
40-42	44.66	31.23 ± 0.804	1924.9	7.45 ± 0.42	
42-43.5	41.90	32.69 ± 0.651	1922.0	7.55 ± 0.23	

**715-19 (24°45.01'N, 122°24.01'E; 1076 m; collected on April 16, 2004)**

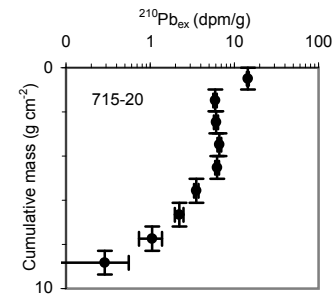
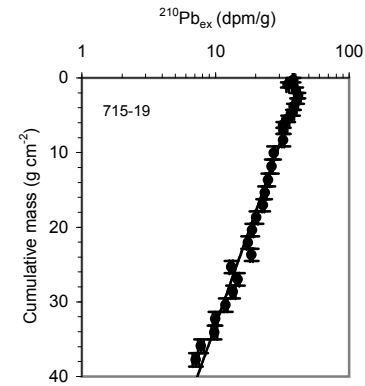
0-1	53.61	0.308 ± 0.308	2003.8	38.37 ± 0.59	0.033 ± 0.009
1-2	49.97	0.960 ± 0.344	<b>2002.2</b>	34.61 ± 0.60	0.052 ± 0.008
2-3	48.85	1.660 ± 0.356	2001.1	40.09 ± 0.74	0.062 ± 0.018
3-4	48.13	2.380 ± 0.364	2000.1	41.62 ± 0.70	0.046 ± 0.011
4-5	47.31	3.116 ± 0.373	1998.9	40.62 ± 0.66	0.051 ± 0.010
5-6	45.84	3.877 ± 0.389	1997.8	38.55 ± 0.61	0.039 ± 0.015



6-7	44.32	4.672 ± 0.406	1996.6	37.96 ± 0.69	0.032 ± 0.011
7-8	43.70	5.490 ± 0.413	1995.4	34.96 ± 0.64	0.026 ± 0.011
8-9	44.84	6.303 ± 0.400	1994.1	32.11 ± 0.50	0.042 ± 0.009
9-10	44.33	7.109 ± 0.406	1992.9	32.36 ± 0.65	0.048 ± 0.009
10-12	43.12	8.354 ± 0.839	1991.0	32.06 ± 0.58	0.053 ± 0.006
12-14	41.76	10.064 ± 0.872	1988.4	27.35 ± 0.41	0.055 ± 0.006
14-16	39.29	11.868 ± 0.932	1985.7	26.36 ± 0.46	0.037 ± 0.005
16-18	41.69	13.67 ± 0.873	1983.0	24.76 ± 0.71	0.042 ± 0.007
18-20	42.78	15.39 ± 0.847	1980.4	23.39 ± 0.66	0.050 ± 0.006
20-22	44.30	17.05 ± 0.812	1977.9	22.72 ± 0.45	0.064 ± 0.007
22-24	43.31	18.70 ± 0.835	1975.4	20.23 ± 0.51	0.069 ± 0.007
24-26	42.51	20.39 ± 0.853	1972.9	18.84 ± 0.39	0.081 ± 0.006
26-28	43.76	22.07 ± 0.824	1970.3	17.49 ± 0.40	0.099 ± 0.006
28-30	44.02	23.71 ± 0.818	1967.8	18.58 ± 0.45	0.126 ± 0.009
30-32	44.46	25.33 ± 0.808	1965.4	13.11 ± 0.38	0.138 ± 0.008
32-34	42.75	26.99 ± 0.848	1962.9	14.65 ± 0.43	0.190 ± 0.011
34-36	42.28	28.70 ± 0.859	1960.3	13.53 ± 0.56	0.119 ± 0.008
36-38	40.77	30.45 ± 0.895	1957.6	11.92 ± 0.37	0.118 ± 0.007
38-40	39.44	32.28 ± 0.928	1954.9	9.96 ± 0.43	0.031 ± 0.006
40-42	40.44	34.11 ± 0.903	1952.1	9.81 ± 0.48	
42-44	39.52	35.94 ± 0.926	1949.4	7.80 ± 0.38	0.012 ± 0.006
44-46	40.76	37.76 ± 0.896	1946.6	7.11 ± 0.38	

**715-20 (24°43.99'N, 122°17.99'E; 925 m; collected on April 16, 2004)**

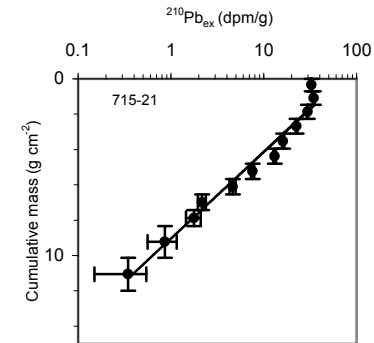
0-1	55.88	0.491 ± 0.491	1997.1	14.42 ± 0.39
1-2	39.43	1.474 ± 0.492	1982.8	5.89 ± 0.27
2-3	51.20	2.469 ± 0.504	1968.3	6.06 ± 0.33
3-4	39.69	3.484 ± 0.511	1953.5	6.63 ± 0.33
4-5	37.70	4.515 ± 0.520	1938.5	6.25 ± 0.34
5-6	40.18	5.572 ± 0.538	1923.1	3.53 ± 0.22



6-7	40.08	6.651 ± 0.542	1907.3	2.23 ± 0.27
7-8	47.31	7.740 ± 0.547	1891.5	1.06 ± 0.32
8-9	27.09	8.828 ± 0.541	1875.6	0.29 ± 0.27

**715-21 (22°43.49'N, 121°29.99'E; 748 m; collected on April 17, 2004)**

0-1	49.44	0.350 ± 0.350	1998.6	32.66 ± 0.58	0.103 ± 0.008
1-2	46.07	1.086 ± 0.386	1986.6	34.64 ± 0.59	0.149 ± 0.020
2-3	45.07	1.869 ± 0.397	1973.7	29.73 ± 0.52	0.078 ± 0.022
3-4	43.51	2.682 ± 0.415	1960.5	22.52 ± 0.54	0.072 ± 0.029
4-5	42.50	3.524 ± 0.427	1946.7	16.16 ± 0.43	0.096 ± 0.021
5-6	42.38	4.379 ± 0.428	1932.7	13.14 ± 0.43	0.064 ± 0.027
6-7	41.96	5.240 ± 0.433	1918.7	7.58 ± 0.28	0.017 ± 0.017
7-8	41.66	6.111 ± 0.437	1904.4	4.62 ± 0.36	
8-9	41.06	6.992 ± 0.444	1890.0	2.16 ± 0.21	
9-10	41.04	7.880 ± 0.444	1875.5	1.77 ± 0.32	
10-12	40.56	9.225 ± 0.901	1853.6	0.86 ± 0.30	
12-14	39.23	11.060 ± 0.934	1823.6	0.35 ± 0.20	
14-16	38.34	12.949 ± 0.956	1792.7	0.03 ± 0.19	



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

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