

Supplement: $^{210}\text{Pb}_{\text{xs}}$ and ^{137}Cs activity profiles of the multi-cores

MC 61-1				
Depth (cm)	$^{210}\text{Pb}_{\text{xs}}$ (mBq/g)	^{137}Cs		
		\pm		\pm
0.5	131.5	8.6	17.8	1.1
2.5	113.9	7.3	22.4	1.0
4.5	102.7	4.0	23.9	0.6
6.5	90.0	5.2	21.7	0.8
8.5	68.6	4.6	21.3	0.7
10.5	81.5	4.7	20.0	0.7

MC 99-1				
Depth (cm)	$^{210}\text{Pb}_{\text{xs}}$ (mBq/g)	^{137}Cs		
		\pm		\pm
0.5	159.5	10.2	29.7	1.4
1.5	149.9	13.8	24.7	1.8
2.5	144.5	14.1	37.0	2.2
5.5	157.0	7.5	33.4	1.1
7.5	129.9	5.8	40.9	1.0
10.5	86.3	13.3	38.5	2.7
11.5	70.1	12.8	52.9	3.0
12.5	78.5	15.9	58.6	3.6
13.5	93.3	10.5	38.5	1.9
14.5	74.9	15.4	33.9	3.0
15.5	81.1	6.3	33.7	1.1
17.5	68.6	7.9	34.9	1.6
20.5	44.6	4.3	9.8	0.5
21.5	40.8	3.6	9.5	0.5
22.5	43.9	10.2	36.8	2.2
23.5	50.4	4.5	36.1	0.9
24.5	36.6	3.4	6.6	0.4

MC S4-1				
Depth (cm)	$^{210}\text{Pb}_{\text{xs}}$ (mBq/g)	^{137}Cs		
		\pm		\pm
0.5	43.6	9.0	28.8	1.6
10.5	30.9	5.4	35.1	1.2
14.5	29.5	5.5	47.3	1.4
18.5	26.8	5.1	53.9	1.4
20.5	22.1	5.9	48.8	1.5
21.5	23.2	7.1	44.9	1.8
23.5	17.0	5.6	40.4	1.3
27.5	13.5	5.6	12.5	0.8
29.5	10.8	5.3	13.6	0.7
31.5	13.0	3.0	10.0	0.4
33.5	10.9	4.3	7.9	0.5
35.5	15.5	3.1	7.7	0.4
36.5	11.3	3.4	6.8	0.4

$^{210}\text{Pb}_{\text{xs}}$ and ^{137}Cs values and related error (i.e. 1 SD counting statistics) measured in every multi-core (detailed description in chapter 3.1)