

## 1999 Sediments--Merrymeeting Bay (J. Sowles)

	<u>As ug/g</u>	<u>Pb ug/g</u>	<u>Zn ug/g</u>	<u>Hg ug/kg</u>	<u>% moisture</u>	<u>%TOC</u>	<u>%TOC rep</u>
<b>AB-1</b>	7.89	24.9	108.1	257.4	57.7	3.04	
<b>AB-2</b>	8.32	27.0	117.9	328.4	60.5	3.50	
<b>AB-3</b>	7.58	27.8	117.3	306.6	62.3	3.43	
<b>AR-1</b>	6.84	24.9	123.1	354.7	58.9	4.01	
<b>AR-1 dup</b>	n/a	n/a	n/a	362.3			
<b>AR-2</b>	5.64	21.4	112.3	321.5	54.3	2.83	3.13
<b>AR-3</b>	4.98	17.4	94.8	321.5	46.7	2.70	
<b>KR-1</b>	9.46	23.4	102.0	231.0	59.7	3.59	
<b>KR-1 dup</b>	n/a	n/a	n/a	230.1			
<b>KR-2</b>	8.28	20.7	90.8	211.2	56.1	3.08	
<b>KR-3</b>	8.99	21.2	91.5	247.2	57.0	3.03	3.10
<b>MR-1</b>	8.53	32.3	130.8	417.5	69.3	2.96	
<b>MR-2</b>	7.57	32.9	127.4	406.1	66.6	6.52	
<b>MR-3</b>	8.42	30.4	125.5	363.4	72.1	4.81	
<b>MR-3 dup</b>	8.03	30.8	125.6	n/a			
<b>SI-1</b>	7.18	20.3	90.6	196.1	56.1	2.76	
<b>SI-1 dup</b>	6.83	19.0	85.1	n/a			
<b>SI-2</b>	8.22	20.8	95.7	195.4	56.1	2.57	
<b>SI-3</b>	8.99	22.6	100.7	216.2	61.8	3.51	
<b>WC-1</b>	7.34	33.9	129.1	400.7	70.3	5.76	
<b>WC-1 dup</b>	7.34	34.2	131.6	n/a			
<b>WC-2</b>	7.66	31.1	133.8	449.8	67.7	4.69	
<b>WC-3</b>	7.86	30.3	125.9	451.1	61.0	4.53	
<b>Dig. Blank</b>	0.08	0.0	0.4				
<b>Dig. Blank</b>	0.00	0.0	0.3				

## Standard Reference Material QC

Marine sediment (MESS-3) from National Research Council Canada

	As ug/g	Pb ug/g	Zn ug/g	Hg ug/Kg
<b>MESS-3 value</b>	<b>21.2</b>	<b>21.1</b>	<b>159</b>	<b>91</b>
MESS-3	22.9	19.8	134	88.2
MESS-3	24.1	20.2	140	94.6
MESS-3	24.1	19.8	179	85.6
<i>acceptable range</i>	<i>18.0-24.4</i>	<i>17.9-24.3</i>	<i>135-183</i>	<i>89.9-100.1</i>

## Sample Spike QC

	As	Pb	Zn	Hg
<i>spike value</i>	<i>40</i>	<i>40</i>	<i>20</i>	<i>0.5</i>
SI-1	18.0	50.8	227.0	0.428
SI-1 spk	58.3	90.5	247.0	0.907
<b>%recovery</b>	<b>100.8</b>	<b>99.3</b>	<b>100.0</b>	<b>95.8</b>
MR-3 dup	21.5	82.3	336.0	
MR-3 spk	64.6	123.0	359.0	
<b>%recovery</b>	<b>107.8</b>	<b>101.8</b>	<b>115.0</b>	
KR-1				0.471
KR-1 spk				0.943
<b>%recovery</b>				<b>94.4</b>