

Fall 2009

Site #	Eh (mV _{NHE})	Sulphide (µM)	Sediment condition
2			
3	117	248	Oxic A
4			
6			
10	-7	691	Oxic A
12			
14			
16	-83.4	2704.3	Hypoxic A
17	110	246	Oxic A
18			
20			
22	181	80	Oxic A
23	138.2	21.1	Oxic A
24	-6	431	Oxic A
25	-148.3	498.6	Oxic A
26	-125.8	8169	Anoxic
27	-70.8	1304.7	Oxic B
28			
29			
30			
32	-101	2829	Hypoxic A
33	59	777	Oxic B
34	128	221	Oxic A
35	50.8	1450.6	Oxic B
36	-47.9	770.8	Oxic B
37	12	394	Oxic A
38	231	226	Oxic A
39			
40			
42			
44			
45	256	100	Oxic A
46			
49			
50			
51	-56	1060	Oxic B
52	135.5	88.5	Oxic A
53	16.9	490.4	Oxic A
54	30.1	519.2	Oxic A
55	81	512	Oxic A
56			
57	90	1769	Hypoxic A
58			
59	-30	2041	Hypoxic A
60			
61			
64			
84	87	115.3	Oxic A
95			
159			

Site #	Eh (mV _{NHE})	Sulphide (µM)	Sediment condition
168	94	411	Oxic A
172			
179	63	885	Oxic A
181			
186			
202	181.3	360	Oxic A
206			
213	127	102.5	Oxic A
214			
215	-16	421	Oxic A
222	5	793.2	Oxic B
228	-109	1049	Oxic B
251	17.3	2381	Hypoxic A
255			
256			
270	270.3	237.6	Oxic A
276	47	1959	Hypoxic A
282			
290			
292	129.8	359.3	Oxic A
298			
300			
303	221.5	103.2	Oxic A
316			
320	38	405	Oxic A
337			
342	82.8	760.3	Oxic B
349			
350	157	247.7	Oxic A
368			
370	-73.1	2105	Hypoxic A
377	43.9	696.7	Oxic A
378	81.9	1277.9	Oxic B
381			
400	-8.95	2177.6	Hypoxic A
403	353.4	1.08	Oxic A
404	100	307	Oxic A
408	262.8	98.3	Oxic A
411			
412	222	366	Oxic A
413			
416			
491	259.4	101.8	Oxic A
494			
495			
496	185.7	63.3	Oxic A
501	239.3	10.1	Oxic A
502	-8.7	2728.8	Hypoxic A
504			
507	-115	2111.7	Hypoxic A

Table 1: Site Classifications and Sediment Sulfide Concentrations

Site Classification		Sediment Sulfide Concentrations
Oxic	Oxic A	Sulfide = <750 μ M
	Oxic B	Sulfide = 750 to 1500 μ M
Hypoxic	Hypoxic A	Sulfide = 1500 to 3000 μ M
	Hypoxic B	Sulfide = 3000 to 4500 μ M
	Hypoxic C	Sulfide = 4500 to 6000 μ M
Anoxic	Anoxic	Sulfide > 6000 μ M