

Table I-3 Coefficients of Variation Within Stations and Zones for Surface Sediments

Analyte	Coefficient of Variation					
	Stations with Seven Replicates	Zone 0	Zone 1	Zone 2	Zone 3	All Stations
Sediment Metals (µg/g)						
Antimony	0.82	39.39	13.52	8.52	2.86	22.84
Arsenic	5.13	42.07	20.75	21.76	18.27	28.69
Barium	1.13	16.44	5.73	4.31	2.18	9.73
Beryllium	1.00	13.3	8.98	9.34	2.78	13.11
Cadmium	2.83	17.17	17.5	16.6	14.13	27.17
Chromium	1.24	24.68	9.54	7.2	4.86	14.62
Copper	1.52	30.32	17.55	9.48	4.27	19.1
Lead	0.90	19.98	8.38	5.61	2.51	13.49
Manganese	3.03	15.49	13.51	31.11	19.49	22.93
Mercury	2.20	57.87	19.42	12.87	7.44	33.28
Nickel	0.86	23.2	13.83	11.54	2.83	15.92
Selenium	6.68	49.49	39.32	21.33	15.86	35.86
Silver	3.25	43.29	14.66	27.32	8.46	26.75
Thallium	1.10	11.85	6.57	6.48	4.3	9.5
Tin	0.99	20.2	10.07	5.42	4.07	12.84
Vanadium	1.17	19.94	7.61	8.42	5.2	12.68
Zinc	1.02	20.22	10.23	6.39	2.05	14.66
Sediment Physical Parameters (percent measurements)						
Aluminum	0.31	8.52	4.32	4.24	6.93	6.32
Calcium	0.89	34.09	6.57	10.21	7.65	26.64
Clay	4.62	56.07	80.53	44.5	32.94	60.45
Iron	0.22	15.31	6.29	5.89	1.88	10.09
Magnesium	0.46	11.55	9.7	5.31	4.95	12.41
Potassium	0.55	10.15	11.11	6.43	7.46	9.57
Sand	2.46	64.75	56.69	107.05	175.68	114.67
Silt	0.63	44.65	30.98	8.21	3.95	30.17
Total Organic Carbon	0.74	52.01	28.8	15.19	8.33	32.26
Sediment Organic Compounds (µg/g)						
C2D/C2P	2.44	31.05	10.62	12.49	8.91	17.46
C3D/C3P	1.42	39.15	9.92	17.16	9.01	23.02
CPI	4.49	58.23	35.61	24.24	32.67	44.13
Hopane	7.47	51.63	37.64	77.57	39.59	66.19
Isoprenoids	4.56	43.67	48.42	32.77	37.05	51.19
LALK	5.14	45.83	40.23	30.45	28.62	45.16
N/P	1.57	18.1	11.09	34.17	18.15	26.74
Oleanane/Hopane	4.98	26.59	35.85	22.33	20.23	26.85
Perylene	4.11	101.54	27.59	39.84	49	96.71
Petrogenic PAH	2.36	42.55	53.87	43.16	22.86	51.99
Phytane/pristane	7.82	37.06	38.14	22.51	40.31	44.95
Pristane	6.82	50.55	66.83	37.42	43.48	61.1
Pyrogenic PAH	2.85	94.75	39.8	41.57	37.78	63.68
Pyrogenic/Petrogenic	2.37	69.55	20.01	15.29	19.57	75.72
T22/T21	3.50	72.08	59.05	26.02	8.97	49.19
TALK	2.44	52.08	82.38	100.83	36.56	76.81
TPHC	5.74	64.68	34.38	37.88	42.76	46.19
Total PAH	2.33	48.03	52.63	42.85	23.85	50.02
Total S/T	8.07	68.41	24.5	60.9	37	60.09
Ts/(Ts+Tm)	4.38	57.63	13.82	15.27	11.89	29.55
nC15+nC17	2.91	65.1	40.5	33.76	29.26	44.13
nC16/(nC15+nC17)	2.31	57.17	17.05	17.66	10.54	30.8
nC27+nC29+nC31	4.33	65.17	35.53	24.86	50.99	54.3