

Table I-5 Between Zone Comparisons of Surface Sediments Metals (Percent Iron Transformed) Using Student-Newman-Kuels Test

Analyte	Zone	n	Significantly Different Zones	Mean (µg/g)	Minimum (µg/g)	Maximum (µg/g)	Standard Deviation (µg/g)	Coefficient of Variation (%)
Antimony	0	8	B	0.90	0.48	1.62	0.36	40.38
Antimony	1	17	B	0.84	0.64	1.08	0.14	16.63
Antimony	2	17	B	0.98	0.83	1.11	0.07	7.35
Antimony	3	17	A	1.16	1.06	1.20	0.03	2.89
Arsenic	0	8	A	9.96	4.03	16.33	4.24	42.56
Arsenic	1	17	A	8.02	4.80	11.90	2.07	25.78
Arsenic	2	17	A	9.51	6.69	13.70	1.56	16.45
Arsenic	3	17	A	9.01	7.00	12.10	1.33	14.79
Barium	0	8	C	758.00	538.33	894.33	126.34	16.67
Barium	1	17	B	814.07	738.00	914.00	56.82	6.98
Barium	2	17	AB	854.37	810.00	916.00	31.78	3.72
Barium	3	17	A	878.03	826.00	906.17	17.32	1.97
Beryllium	0	8	B	1.15	0.93	1.36	0.15	13.21
Beryllium	1	17	B	1.15	1.04	1.36	0.11	9.34
Beryllium	2	17	B	1.14	1.00	1.27	0.09	8.06
Beryllium	3	17	A	1.41	1.34	1.48	0.04	2.78
Cadmium	0	8	C	0.09	0.06	0.10	0.01	14.63
Cadmium	1	17	C	0.10	0.09	0.14	0.01	14.26
Cadmium	2	17	B	0.12	0.09	0.20	0.02	19.86
Cadmium	3	17	A	0.16	0.13	0.23	0.02	15.14
Chromium	0	8	B	66.26	46.10	89.62	15.81	23.87
Chromium	1	17	B	62.43	51.70	76.40	7.09	11.35
Chromium	2	17	A	73.44	59.20	80.90	5.29	7.20
Chromium	3	17	A	75.21	67.60	80.70	3.63	4.83
Copper	0	8	AB	34.08	21.23	51.05	10.49	30.78
Copper	1	17	B	30.58	21.00	41.10	6.42	21.01
Copper	2	17	A	37.72	30.90	41.20	2.89	7.67
Copper	3	17	A	37.36	33.90	40.00	1.50	4.03
Lead	0	8	C	11.04	7.60	13.68	2.20	19.97
Lead	1	17	B	12.02	10.20	13.70	1.21	10.02
Lead	2	17	A	13.69	12.00	14.90	0.75	5.51
Lead	3	17	A	14.05	13.10	14.50	0.32	2.28
Manganese	0	8	A	818.54	628.33	943.67	125.88	15.38
Manganese	1	17	A	846.42	677.00	1048.50	108.61	12.83
Manganese	2	17	A	936.34	735.00	2140.00	328.36	35.07

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Manganese	3	17	A	1006.55	723.00	1570.00	206.16	20.48
Mercury	0	8	A	0.06	0.03	0.12	0.04	60.05
Mercury	1	17	A	0.04	0.03	0.07	0.01	23.39
Mercury	2	17	A	0.06	0.05	0.07	0.01	12.98
Mercury	3	17	A	0.06	0.05	0.07	0.00	7.92
Nickel	0	8	BC	33.50	26.00	49.15	7.87	23.49
Nickel	1	17	C	30.79	23.30	39.90	5.28	17.17
Nickel	2	17	AB	35.12	27.70	39.50	3.76	10.71
Nickel	3	17	A	38.52	35.40	39.90	1.12	2.90
Selenium	0	8	B	0.20	0.07	0.30	0.10	49.52
Selenium	1	17	B	0.25	0.10	0.53	0.11	42.40
Selenium	2	17	A	0.38	0.25	0.56	0.08	20.82
Selenium	3	17	A	0.33	0.25	0.42	0.05	15.93
Silver	0	8	A	0.07	0.04	0.12	0.03	44.95
Silver	1	17	A	0.07	0.05	0.09	0.01	15.85
Silver	2	17	A	0.07	0.05	0.10	0.02	25.44
Silver	3	17	A	0.09	0.08	0.10	0.01	8.03
Thallium	0	8	B	0.41	0.33	0.47	0.04	10.88
Thallium	1	17	B	0.42	0.38	0.48	0.03	7.69
Thallium	2	17	A	0.47	0.41	0.50	0.03	5.50
Thallium	3	17	A	0.47	0.44	0.49	0.02	4.00
Tin	0	8	C	1.50	1.08	1.81	0.30	20.12
Tin	1	17	BC	1.62	1.34	1.96	0.20	12.18
Tin	2	17	AB	1.73	1.57	1.87	0.08	4.67
Tin	3	17	A	1.83	1.75	1.95	0.06	3.17
Vanadium	0	8	B	126.28	90.13	173.00	25.73	20.37
Vanadium	1	17	B	126.00	107.00	140.00	10.55	8.37
Vanadium	2	17	A	143.16	121.00	158.00	10.29	7.19
Vanadium	3	17	A	144.31	132.00	157.00	6.89	4.77
Zinc	0	8	C	101.09	69.80	126.67	20.17	19.95
Zinc	1	17	C	98.39	77.70	117.00	12.05	12.24
Zinc	2	17	B	115.35	100.00	123.00	7.07	6.13
Zinc	3	17	A	125.60	122.00	128.00	1.73	1.38